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PROJECT DESCRIPTION

INSTALLATION OF COMMUNICATIONS DUCT, COMMUNICATIONS VAULTS, AND FIBER OPTIC CABLE ALONG I-74 FROM EXIT 32 (IL 17 WOODHULL) TO I-74 / I-80 / I-280 INTERCHANGE; ALONG I-74 / I-280 TO I-74 / US 6 INTERCHANGE; ALONG I-74 / US 6 TO APPROXIMATELY 800 FEET NORTH OF THE AVENUE OF THE CITIES OVERPASS

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
CATALOG NO. 34810-00D
CONTRACT NO. 68B04

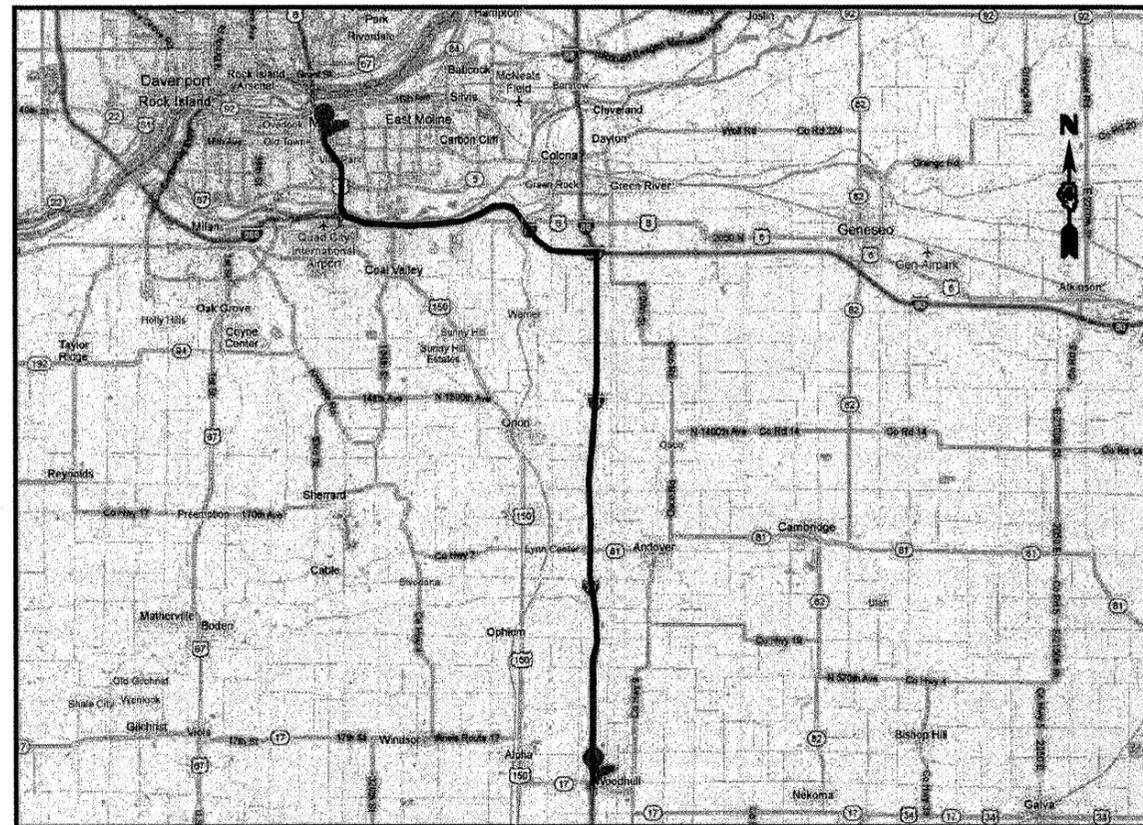
06-15-12 LETTING ITEM 155 STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

VARIOUS ROUTES
SECTION D4 FIBER OPTIC 2013
HENRY-ROCK ISLAND COUNTIES

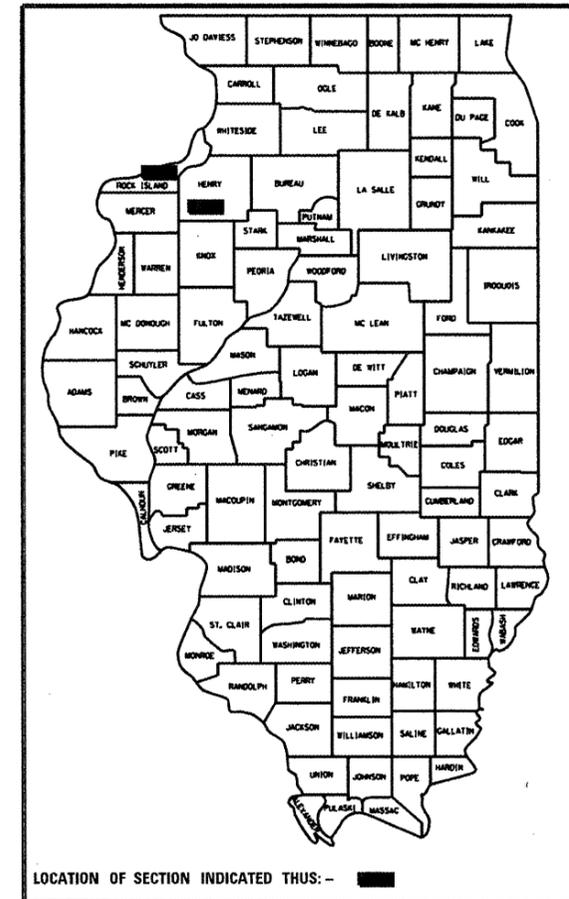
C-94-090-12



GROSS LENGTH = 159684.0 FT. = 30.24 MILE
NET LENGTH = 159684.0 FT. = 30.24 MILE

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 FIBER OPTIC 2013	HENRY, ROCK ISL.	96	1
ILLINOIS CONTRACT NO. 68B04				

D-94-050-12



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED April 30, 2012

John D. Baranelli P.E.
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

William R. Freyler
ENGINEER OF DESIGN AND ENVIRONMENT

William R. Freyler
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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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 CONTRACTOR 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 FUNCTIONALITY 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

FILE NAME = S:\GEN\DRAW\ITS Fiber Project\68B04\68B04.dwg
 USER NAME = howelder
 68B04 - Woodhull to Moline (1-95) - Final 4-30-12
 PLOT SCALE = 1/4" = 1' / in.
 PLOT DATE = 5/24/2012

DESIGNED - _____	REVISED - _____
DRAWN - _____	REVISED - _____
CHECKED - _____	REVISED - _____
DATE - _____	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 2013	HENRY/ROCK ISL	96	2
CONTRACT NO. 68B04				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES					HENRY COUNTY		ROCK ISLAND COUNTY	
					CONST. TYPE CODE 0021 100% STATE (BROADBAND FIBER PROGRAM FUNDS) RURAL	CONST. TYPE CODE 0021 100% STATE (BROADBAND FIBER PROGRAM FUNDS) RURAL	CONST. TYPE CODE 0021 100% STATE (BROADBAND FIBER PROGRAM FUNDS) RURAL	CONST. TYPE CODE 0021 100% STATE (BROADBAND FIBER PROGRAM FUNDS) URBAN
CODE	ITEM DESCRIPTION	UNIT	TOTAL QTY.					
67100100	MOBILIZATION	L SUM	1.0	07A00,01 0.76	07A00,02 0.04	0.11	0.09	
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1.0	0.7		0.3		
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	1.0				1.0	
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1.0				1.0	
81100800	CONDUIT ATTACHED TO STRUCTURE, 3" DIA., GALVANIZED STEEL	FOOT	2252.0	348.0			1904.0	
81300948	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 24" X 24" X 10"	EACH	6.0	2.0			4.0	
X8710035	FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	161894.0	123521.0	7268.0	17294.0	13811.0	
Z0033052	COMMUNICATIONS VAULT	EACH	42.0	31.0	2.0	4.0	5.0	
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1.0	1.0				
X8101100	UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	159684.0	121951.0	7168.0	17094.0	13471.0	



UNDRGRD C MD
236 FT. (PUSHED)

EXISTING COMMUNICATIONS VAULT
INSTALLED UNDER CONTRACT 68B03

IL 17 Hwy Ave

I-74

SCHEDULE OF QUANTITIES		
ITS FIBER (WOODHULL TO MOLINE) - SHEET 1		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	236.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	236.0

Imagery Date: 9/12/2011 1993

41°10'40.35" N 90°19'54.74" W elev 821 ft

Eye alt 2791 ft

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FILE NAME =	USER NAME = keithbr	DESIGNED -	REVISED -
c:\notes\68b04 fiber plans\68b04\68B04	- Woodhull to Moline (1-95) - Final 4-30-12.dgn	DRAWN -	REVISED -
	PLOT SCALE = 164.7568' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/1/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
I-74 (FROM WOODHULL TO MOLINE)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR 04 FIBER OPTIC 2013		HENRY/ROCK ISL	96	4
CONTRACT NO. 68B04				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET NO. 1 OF 62 SHEETS STA. TO STA.



UNDRGRD C MD
1563 FT.

I-74



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SCHEDULE OF QUANTITIES		
ITS FIBER (WOODHULL TO MOLINE) - SHEET 2		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1563.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1563.0

Imagery Date: 9/12/2011 1993

41°10'58.06"N 90°19'54.05"W elev 810 ft

Eye alt 2791 ft

FILE NAME =	USER NAME = kesthbr	DESIGNED -	REVISED -
c:\notes\68b04 fiber plans\68b04\68B04	- Woodhull to Moline (1-95) - Final 4-30-12.dgn	DRAWN -	REVISED -
	PLOT SCALE = 164.7568' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/1/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
I-74 (FROM WOODHULL TO MOLINE) CONTINUED

SCALE: SHEET NO. 2 OF 62 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2013	HENRY/ROCK ISL	96	5
CONTRACT NO. 68B04				
ILLINOIS FED. AID PROJECT				



74

I-74

UNDRGRD C MD
1567 FT.

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SCHEDULE OF QUANTITIES		
ITS FIBER (WOODHULL TO MOLINE) - SHEET 3		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1568.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1568.0

Imagery Date: 9/12/2011 1993

41°11'05.87" N 90°19'54.69" W elev 817 ft

Eye alt 2791 ft

FILE NAME =	USER NAME = keithbr	DESIGNED -	REVISED -
c:\notes\68b04 fiber plans\68b04\68B04	- Woodhull to Moline (1-95) - Final 4-30-12.dgn	DRAWN -	REVISED -
	PLOT SCALE = 164.7568' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/1/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
I-74 (FROM WOODHULL TO MOLINE) CONTINUED

SCALE: SHEET NO. 3 OF 62 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2013	HENRY/ROCK ISL	96	6
CONTRACT NO. 68B04				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
907 FT.

UNDRGRD C MD
660 FT.

COMMUNICATIONS VAULT
1.0 EACH



I-74 EB

I-74 WB

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SCHEDULE OF QUANTITIES ITS FIBER (WOODHULL TO MOLINE) - SHEET 4		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1567.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1617.0
COMMUNICATIONS VAULT	EACH	1.0

Imagery Date: 9/12/2011 1993

41°11'20.93" N 90°19'54.44" W elev 810 ft

Eye alt 2791 ft

FILE NAME =	USER NAME = keithbr	DESIGNED -	REVISED -
c:\notes\68b04 fiber plans\68b04\68B04	- Woodhull to Moline (1-95) - Final 4-30-12.dgn	DRAWN -	REVISED -
	PLOT SCALE = 164.7568' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/1/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
I-74 (FROM WOODHULL TO MOLINE) CONTINUED

SCALE: SHEET NO. 4 OF 62 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2013	HENRY/ROCK ISL	96	7
CONTRACT NO. 68B04				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
230 FT.

UNDRGRD C MD
915 FT. (PUSHED)
UNDER ROADWAY AND
ALONG ROUGH TERRAIN
AND TREE GROVES

A COMBINATION OF PUSHED AND TRENCHED
CONDUIT WILL BE REQUIRED IN THIS AREA OF
ROUGH TERRAIN. THE CONTRACTOR SHALL VERIFY
ALL FIELD CONDITIONS PRIOR TO BIDDING.

I-74 EB

I-74 WB

N. 300TH AVE.

N 300th Ave

N. 300TH AVE.

UNDRGRD C MD
418 FT. (PUSHED)
ALONG TREE GROVES

SCHEDULE OF QUANTITIES

ITS FIBER (WOODHULL TO MOLINE) - SHEET 5

UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1563.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1563.0

Imagery Date: 9/12/2011 1993

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41°11'35.52" N 90°19'53.82" W elev 803 ft

Eye alt 2791 ft

FILE NAME =	USER NAME = howalder	DESIGNED -	REVISED -
S:\GEN\DRAW\ITS Fiber Project\68B04\68B04 - Woodhull to Moline (1-95) - Final 4-30-12.dwg		DRAWN -	REVISED -
	PLOT SCALE = 164.7568' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/23/2012	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FIBER OPTIC CONDUIT AND CABLE PROJECT
I-74 (FROM WOODHULL TO MOLINE) CONTINUED**

SCALE: SHEET NO. 5 OF 62 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2013	HENRY/ROCK ISL	96	8
CONTRACT NO. 68B04				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
623 FT. (PUSHED)
ALONG ROUGH TERRAIN
AND TREE GROVES

A COMBINATION OF PUSHED AND TRENCHED
CONDUIT WILL BE REQUIRED IN THIS AREA OF
ROUGH TERRAIN. THE CONTRACTOR SHALL VERIFY
ALL FIELD CONDITIONS PRIOR TO BIDDING.

UNDRGRD C MD
319 FT.

UNDRGRD C MD
334 FT. (PUSHED)
ALONG ROUGH TERRAIN
AND TREE GROVES

UNDRGRD C MD
254 FT.

I-74 EB

I-74 WB



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SCHEDULE OF QUANTITIES		
ITS FIBER (WOODHULL TO MOLINE) - SHEET 6		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1530.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1530.0

Imagery Date: 9/12/2011 1993

41°11'50.25" N 90°19'56.03" W elev 791 ft

Eye alt 2791 ft

FILE NAME =	USER NAME = howalder	DESIGNED -	REVISED -
S:\GEN\DRAW\ITS Fiber Project\68B04\68B04 - Woodhull to Moline (1-95) - Final 4-30-12.dwg		DRAWN -	REVISED -
	PLOT SCALE = 164.7568' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/23/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
I-74 (FROM WOODHULL TO MOLINE) CONTINUED

SCALE: SHEET NO. 6 OF 62 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	04 FIBER OPTIC 2013	HENRY/ROCK ISL	96	9
CONTRACT NO. 68B04				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
745 FT.

A COMBINATION OF PUSHED AND TRENCHED CONDUIT WILL BE REQUIRED IN THIS AREA OF ROUGH TERRAIN. THE CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS PRIOR TO BIDDING.

I-74 EB

I-74 WB

UNDRGRD C MD
847 FT. (PUSHED)
ALONG ROUGH TERRAIN
AND TREE GROVES

COMMUNICATIONS VAULT
1.0 EACH

SCHEDULE OF QUANTITIES		
ITS FIBER (WOODHULL TO MOLINE) - SHEET 7		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1592.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1642.0
COMMUNICATIONS VAULT	EACH	1.0

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Imagery Date: 9/12/2011 1993

41°12'05.30" N 90°19'56.60" W elev 804 ft

Eye alt 2791 ft

FILE NAME =	USER NAME = howalder	DESIGNED -	REVISED -
S:\GEN\DRAW\ITS Fiber Project\68B04\68B04 - Woodhull to Moline (1-95) - Final 4-30-12.dwg		DRAWN -	REVISED -
	PLOT SCALE = 164.7568' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/23/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
I-74 (FROM WOODHULL TO MOLINE) CONTINUED

SCALE: SHEET NO. 7 OF 62 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2013	HENRY/ROCK ISL	96	10
CONTRACT NO. 68B04			ILLINOIS FED. AID PROJECT	



74

I-74 WB

I-74 WB

UNDGRD C MD
1557 FT.

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SCHEDULE OF QUANTITIES		
ITS FIBER (WOODHULL TO MOLINE) - SHEET 8		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1557.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1557.0

Imagery Date: 9/12/2011 1993

41°12'27.88" N 90°19'54.78" W elev 788 ft

Eye alt 2791 ft

FILE NAME =	USER NAME = keithbr	DESIGNED -	REVISED -
c:\notes\68b04 fiber plans\68b04\68B04	- Woodhull to Moline (1-95) - Final 4-30-12.dgn	DRAWN -	REVISED -
	PLOT SCALE = 164.7568' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/1/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
I-74 (FROM WOODHULL TO MOLINE) CONTINUED

SCALE: SHEET NO. 8 OF 62 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2013	HENRY/ROCK ISL	96	11
CONTRACT NO. 68B04				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
551 FT.

UNDRGRD C MD
88 FT. (PUSHED) UNDER ROADWAY

UNDRGRD C MD
82 FT.
COMMUNICATIONS VAULT
1.0 EACH

UNDRGRD C MD
851 FT.

I-74



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SCHEDULE OF QUANTITIES

ITS FIBER (WOODHULL TO MOLINE) - SHEET 9

UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1572.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1622.0
COMMUNICATIONS VAULT	EACH	1.0

Imagery Date: 9/12/2011 1993

41°12'35.12"N 90°19'53.04"W elev 769 ft

Eye alt 2791 ft

FILE NAME =	USER NAME = keithbr	DESIGNED -	REVISED -
c:\notes\68b04 fiber plans\68b04\68B04	- Woodhull to Moline (1-95) - Final 4-30-12.dgn	DRAWN -	REVISED -
	PLOT SCALE = 164.7568' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/1/2012	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FIBER OPTIC CONDUIT AND CABLE PROJECT
I-74 (FROM WOODHULL TO MOLINE) CONTINUED**

SCALE: SHEET NO. 9 OF 62 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2013	HENRY/ROCK ISL	96	12
CONTRACT NO. 68B04				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
535 FT.

UNDRGRD C MD
159 FT. (PUSHED)
UNDER ROADWAY

UNDRGRD C MD
873 FT.

I-74



I-74 WB REST AREA
(KRISDALA BAKA)

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SCHEDULE OF QUANTITIES		
ITS FIBER (WOODHULL TO MOLINE) - SHEET 10		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1567.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1567.0

Imagery Date: 9/12/2011

41°12'50.16" N 90°19'53.28" W elev 782 ft

Eye alt 2791 ft

FILE NAME =	USER NAME = keathbr	DESIGNED -	REVISED -
ct:\notes\68b04 fiber plans\68b04\68B04	- Woodhull to Moline (1-95) - Final 4-30-12.dgn	DRAWN -	REVISED -
	PLOT SCALE = 164.7568' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/1/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
I-74 (FROM WOODHULL TO MOLINE) CONTINUED

SCALE: SHEET NO. 10 OF 62 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2013	HENRY/ROCK ISL	96	13
CONTRACT NO. 68B04				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
1582 FT.

74

I-74

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SCHEDULE OF QUANTITIES

ITS FIBER (WOODHULL TO MOLINE) - SHEET 11

UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1582.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1582.0

Imagery Date: 9/12/2011 1993

41°13'04.89" N 90°19'52.77" W elev 770 ft

Eye alt 2791 ft

FILE NAME =	USER NAME = keithbr	DESIGNED -	REVISED -
c:\notes\68b04 fiber plans\68b04\68B04	- Woodhull to Moline (1-95) - Final 4-30-12.dgn	DRAWN -	REVISED -
	PLOT SCALE = 164.7568' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/1/2012	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FIBER OPTIC CONDUIT AND CABLE PROJECT
I-74 (FROM WOODHULL TO MOLINE) CONTINUED**

SCALE: SHEET NO. 11 OF 62 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2013	HENRY/ROCK ISL	96	14
CONTRACT NO. 68B04				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD

1444 FT.

I-74

COMMUNICATIONS VAULT
1.0 EACH

UNDRGRD C MD

130 FT.

SCHEDULE OF QUANTITIES		
ITS FIBER (WOODHULL TO MOLINE) - SHEET 12		
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: 9/12/2011 1993

41°13'21.39" N 90°19'53.43" W elev 742 ft

Eye alt 2791 ft

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FILE NAME =	USER NAME = howalder	DESIGNED -	REVISED -
S:\GEN\DRAW\ITS Fiber Project\68B04\68B04 - Woodhull to Moline (1-95) - Final 4-30-12.dwg		DRAWN -	REVISED -
	PLOT SCALE = 164.7568' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/23/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
I-74 (FROM WOODHULL TO MOLINE) CONTINUED

SCALE: SHEET NO. 12 OF 62 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2013	HENRY/ROCK ISL	96	15
CONTRACT NO. 68B04			ILLINOIS FED. AID PROJECT	



UNDRGRD C MD
1567 FT.

I-74

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SCHEDULE OF QUANTITIES		
ITS FIBER (WOODHULL TO MOLINE) - SHEET 13		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1567.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1567.0

Imagery Date: 9/12/2011 1993

41°13'45.43" N 90°19'49.14" W elev 786 ft

Eye alt 2791 ft

FILE NAME =	USER NAME = keithbr	DESIGNED -	REVISED -
c:\notes\68b04 fiber plans\68b04\68B04	- Woodhull to Moline (1-95) - Final 4-30-12.dgn	DRAWN -	REVISED -
	PLOT SCALE = 164.7568' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/1/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
I-74 (FROM WOODHULL TO MOLINE) CONTINUED

SCALE: SHEET NO. 13 OF 62 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2013	HENRY/ROCK ISL	96	16
CONTRACT NO. 68B04			ILLINOIS FED. AID PROJECT	



SCHEDULE OF QUANTITIES		
ITS FIBER (WOODHULL TO MOLINE) - SHEET 14		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1567.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1617.0
COMMUNICATIONS VAULT	EACH	1.0

Imagery Date: 9/12/2011 1993

41°13'51.06" N 90°19'53.45" W elev 781 ft

Eye alt 2791 ft

FILE NAME =	USER NAME = keathbr	DESIGNED -	REVISED -
ct:\notes\68b04 fiber plans\68b04\68b04	- Woodhull to Moline (1-95) - Final 4-30-12.dgn	DRAWN -	REVISED -
	PLOT SCALE = 164.7568' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/1/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
I-74 (FROM WOODHULL TO MOLINE) CONTINUED

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2013	HENRY/ROCK ISL	96	17
CONTRACT NO. 68B04				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET NO. 14 OF 62 SHEETS STA. TO STA.

ILLINOIS FED. AID PROJECT



UNDRGRD C MD
352 FT.

UNDRGRD C MD
575 FT. (PUSHED)
ALONG ROUGH TERRAIN

N 600th Ave N. 600TH AVE.

A COMBINATION OF PUSHED AND TRENCHED
CONDUIT WILL BE REQUIRED IN THIS AREA OF
ROUGH TERRAIN. THE CONTRACTOR SHALL VERIFY
ALL FIELD CONDITIONS PRIOR TO BIDDING.



I-74

UNDRGRD C MD
654 FT.

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SCHEDULE OF QUANTITIES		
ITS FIBER (WOODHULL TO MOLINE) - SHEET 15		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1581.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1581.0

Imagery Date: 9/12/2011 1993

41°14'05.17" N 90°19'53.09" W elev 784 ft

Eye alt 2791 ft

FILE NAME =	USER NAME = keithbr	DESIGNED -	REVISED -
ct:\notes\68b04 fiber plans\68b04\68B04	- Woodhull to Moline (1-95) - Final 4-30-12.dgn	DRAWN -	REVISED -
	PLOT SCALE = 164.7568' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/1/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
I-74 (FROM WOODHULL TO MOLINE) CONTINUED

SCALE: SHEET NO. 15 OF 62 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2013	HENRY/ROCK ISL	96	18
CONTRACT NO. 68B04				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
1601 FT.

I-74

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SCHEDULE OF QUANTITIES		
ITS FIBER (WOODHULL TO MOLINE) - SHEET 16		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1601.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1601.0

Imagery Date: 9/12/2011 1993

41°14'20.27" N 90°19'51.85" W elev 768 ft

Eye alt 2791 ft

FILE NAME =	USER NAME = keithbr	DESIGNED -	REVISED -
c:\notes\68b04 fiber plans\68b04\68B04	- Woodhull to Moline (1-95) - Final 4-30-12.dgn	DRAWN -	REVISED -
	PLOT SCALE = 164.7568' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/1/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
I-74 (FROM WOODHULL TO MOLINE) CONTINUED

SCALE: SHEET NO. 16 OF 62 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2013	HENRY/ROCK ISL	96	19
CONTRACT NO. 68B04				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
1355 FT.

UNDRGRD C MD
240 FT.

COMMUNICATIONS VAULT
1.0 EACH

I-74

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41°14'44.24" N 90°19'51.77" W elev 752 ft

Eye alt 2791 ft

**SCHEDULE OF QUANTITIES
ITS FIBER (WOODHULL TO MOLINE) - SHEET 17**

UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1595.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1645.0
COMMUNICATIONS VAULT	EACH	1.0

Imagery Date: 9/12/2011 1993

FILE NAME =	USER NAME = keithbr	DESIGNED -	REVISED -
c:\notes\68b04 fiber plans\68b04\68B04	- Woodhull to Moline (1-95) - Final 4-30-12.dgn	DRAWN -	REVISED -
	PLOT SCALE = 164.7568' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/1/2012	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FIBER OPTIC CONDUIT AND CABLE PROJECT
I-74 (FROM WOODHULL TO MOLINE) CONTINUED**

SCALE: SHEET NO. 17 OF 62 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2013	HENRY/ROCK ISL	96	20
CONTRACT NO. 68B04				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
 110 FT. (PUSHED)
 UNDER ROADWAY

UNDRGRD C MD
 1475 FT.

I-74

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SCHEDULE OF QUANTITIES		
ITS FIBER (WOODHULL TO MOLINE) - SHEET 18		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1585.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1585.0

Imagery Date: 9/12/2011 1993

41°15'03.79" N 90°19'42.74" W elev 740 ft

Eye alt 2791 ft

FILE NAME =	USER NAME = keithbr	DESIGNED -	REVISED -
c:\notes\68b04 fiber plans\68b04\68B04	- Woodhull to Moline (1-95) - Final 4-30-12.dgn	DRAWN -	REVISED -
	PLOT SCALE = 164.7568' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/1/2012	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
 I-74 (FROM WOODHULL TO MOLINE) CONTINUED

SCALE: SHEET NO. 18 OF 62 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2013	HENRY/ROCK ISL	96	21
CONTRACT NO. 68B04				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD

286 FT.

COMMUNICATIONS VAULT

1.0 EACH

I-74

UNDRGRD C MD

1040 FT.

UNDRGRD C MD

250 FT. (PUSHED)
UNDER ROADWAY

SCHEDULE OF QUANTITIES		
ITS FIBER (WOODHULL TO MOLINE) - SHEET 19		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1576.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1626.0
COMMUNICATIONS VAULT	EACH	1.0

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N. 700TH AVE. Google earth

Imagery Date: 9/12/2011 1993

41°15'07.92" N 90°19'44.72" W elev 732 ft

Eye alt 2791 ft

FILE NAME =	USER NAME = keithbr	DESIGNED -	REVISED -
c:\notes\68b04 fiber plans\68b04\68b04	- Woodhull to Moline (1-95) - Final 4-30-12.dgn	DRAWN -	REVISED -
	PLOT SCALE = 164.7568' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/1/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
I-74 (FROM WOODHULL TO MOLINE) CONTINUED

SCALE: SHEET NO. 19 OF 62 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2013	HENRY/ROCK ISL	96	22
CONTRACT NO. 68B04				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
1569 FT.

I-74

N 750th Ave

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SCHEDULE OF QUANTITIES		
ITS FIBER (WOODHULL TO MOLINE) - SHEET 20		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1569.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1569.0

Imagery Date: 9/12/2011 1993

41°15'22.81" N 90°19'45.40" W elev 709 ft

Eye alt 2791 ft

FILE NAME =	USER NAME = keithbr	DESIGNED -	REVISED -
ct:\notes\68b04 fiber plans\68b04\68B04	- Woodhull to Moline (1-95) - Final 4-30-12.dgn	DRAWN -	REVISED -
	PLOT SCALE = 164.7568' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/1/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
I-74 (FROM WOODHULL TO MOLINE) CONTINUED

SCALE: SHEET NO. 20 OF 62 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2013	HENRY/ROCK ISL	96	23
CONTRACT NO. 68B04				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
1593 FT.

I-74



SCHEDULE OF QUANTITIES		
ITS FIBER (WOODHULL TO MOLINE) - SHEET 21		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1593.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1593.0

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Imagery Date: 9/12/2011 1993

41°15'37.16" N 90°19'45.65" W elev 689 ft

Eye alt 2791 ft

FILE NAME =	USER NAME = keithbr	DESIGNED -	REVISED -
ct:\notes\68b04 fiber plans\68b04\68B04	- Woodhull to Moline (1-95) - Final 4-30-12.dgn	DRAWN -	REVISED -
	PLOT SCALE = 164.7568' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/1/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
I-74 (FROM WOODHULL TO MOLINE) CONTINUED

SCALE: SHEET NO. 21 OF 62 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR D40#116E0P01C12013	HENRY	WARREN	96	24
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68B04	



UNDRGRD C MD
872 FT.

COMMUNICATIONS VAULT
1.0 EACH

IF FEASIBLE, THE CONTRACTOR MAY ELECT TO
PUSH CONDUIT UNDER THE EDWARDS RIVER.

UNDRGRD C MD
120 FT.

JUN BX SS AS 24X24X10
1.0 EACH

CON AT ST 3 GALVS
174 FT. X 2

JUN BX SS AS 24X24X10
1.0 EACH

UNDRGRD C MD
401 FT.

EDWARDS RIVER

I-74

SCHEDULE OF QUANTITIES ITS FIBER (WOODHULL TO MOLINE) - SHEET 22		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1567.0
CONDUIT ATTACHED TO STRUCTURE, 2" DIA., GALV STEEL	FOOT	348.0
JUNCTION BOX, SS, ATTACHED TO STRUCTURE, 24" X 24" X 10"	EACH	2.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1617.0
COMMUNICATIONS VAULT	EACH	1.0

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Imagery Date: 9/12/2011 1993

41°15'52.75" N 90°19'49.58" W elev 681 ft

Eye alt 2791 ft

FILE NAME =	USER NAME = howalder	DESIGNED -	REVISED -
S:\GEN\DRFT\ITS Fiber Project\68B04\68B04 - Woodhull to Moline (1-95) - Final 4-30-12.dwg		DRAWN -	REVISED -
	PLOT SCALE = 164.7568' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/23/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
I-74 (FROM WOODHULL TO MOLINE) CONTINUED

SCALE: SHEET NO. 22 OF 62 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2013	HENRY/ROCK ISL	96	25
CONTRACT NO. 68B04				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
1583 FT.

I-74



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SCHEDULE OF QUANTITIES		
ITS FIBER (WOODHULL TO MOLINE) - SHEET 23		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1583.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1583.0

Imagery Date: 9/12/2011 1993

41°16'08.31" N 90°19'52.95" W elev 682 ft

Eye alt 2791 ft

FILE NAME =	USER NAME = keithbr	DESIGNED -	REVISED -
ct:\notes\68b04 fiber plans\68b04\68B04	- Woodhull to Moline (1-95) - Final 4-30-12.dgn	DRAWN -	REVISED -
	PLOT SCALE = 164.7568' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/1/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
I-74 (FROM WOODHULL TO MOLINE) CONTINUED

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2013	HENRY/ROCK ISL	96	26
CONTRACT NO. 68B04				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET NO. 23 OF 62 SHEETS STA. TO STA.



I-74

UNDRGRD C MD
1572 FT.

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SCHEDULE OF QUANTITIES			
ITS FIBER (WOODHULL TO MOLINE) - SHEET 24			
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1545.0	
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1545.0	

Imagery Date: 9/12/2011 1993

41°16'31.58" N 90°19'50.75" W elev 678 ft

Eye alt 2791 ft

FILE NAME =	USER NAME = kesthbr	DESIGNED -	REVISED -
c:\notes\68b04 fiber plans\68b04\68B04	- Woodhull to Moline (1-95) - Final 4-30-12.dgn	DRAWN -	REVISED -
	PLOT SCALE = 164.7568' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/1/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
I-74 (FROM WOODHULL TO MOLINE) CONTINUED

SCALE: SHEET NO. 24 OF 62 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2013	HENRY/ROCK ISL	96	27
CONTRACT NO. 68B04				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
1608 FT.



I-74

COMMUNICATIONS VAULT
1.0 EACH

SCHEDULE OF QUANTITIES ITS FIBER (WOODHULL TO MOLINE) - SHEET 25		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1608.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1658.0
COMMUNICATIONS VAULT	EACH	1.0

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Imagery Date: 9/12/2011 1993

41°16'47.85" N 90°20'00.65" W elev 747 ft

Eye alt 2791 ft

FILE NAME =	USER NAME = kesthbr	DESIGNED -	REVISED -
ct:\notes\68b04 fiber plans\68b04\68B04	- Woodhull to Moline (1-95) - Final 4-30-12.dgn	DRAWN -	REVISED -
	PLOT SCALE = 164.7568' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/1/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
I-74 (FROM WOODHULL TO MOLINE) CONTINUED

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2013	HENRY/ROCK ISL	96	28
CONTRACT NO. 68B04				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET NO. 25 OF 62 SHEETS STA. TO STA.



UNDRGRD C MD
1588 FT.

I-74



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Google earth

SCHEDULE OF QUANTITIES		
ITS FIBER (WOODHULL TO MOLINE) - SHEET 26		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1588.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1588.0

Imagery Date: 9/12/2011 1993

41°16'54.75" N 90°20'02.73" W elev 754 ft

Eye alt 2791 ft

FILE NAME =	USER NAME = keithbr	DESIGNED -	REVISED -
c:\notes\68b04 fiber plans\68b04\68B04	- Woodhull to Moline (1-95) - Final 4-30-12.dgn	DRAWN -	REVISED -
	PLOT SCALE = 164.7568' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/1/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
I-74 (FROM WOODHULL TO MOLINE) CONTINUED

SCALE: SHEET NO. 26 OF 62 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2013	HENRY/ROCK ISL	96	29
CONTRACT NO. 68B04				
ILLINOIS FED. AID PROJECT				



COMMUNICATIONS VAULT

1.0 EACH

UNDRGRD C MD

771 FT.

I-74

UNDRGRD C MD

804 FT.

SCHEDULE OF QUANTITIES		
ITS FIBER (WOODHULL TO MOLINE) - SHEET 27		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1575.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1625.0
COMMUNICATIONS VAULT	EACH	1.0

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Imagery Date: 9/12/2011 1993

41°17'17.61" N 90°20'00.40" W elev 761 ft

Eye alt 2791 ft

FILE NAME =	USER NAME = ke5thbr	DESIGNED -	REVISED -
c:\notes\68b04 fiber plans\68b04\68B04	- Woodhull to Moline (1-95) - Final 4-30-12.dgn	DRAWN -	REVISED -
	PLOT SCALE = 164.7568' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/1/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
I-74 (FROM WOODHULL TO MOLINE) CONTINUED

SCALE: SHEET NO. 27 OF 62 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2013	HENRY/ROCK ISL	96	30
CONTRACT NO. 68B04				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
781 FT.

UNDRGRD C MD
83 FT. (PUSHED)

UNDRGRD C MD
734 FT.

I-74



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SCHEDULE OF QUANTITIES
ITS FIBER (WOODHULL TO MOLINE) - SHEET 28

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

Imagery Date: 9/12/2011 1993

41°17'29.20" N 90°19'54.02" W elev 762 ft

Eye alt 2791 ft

FILE NAME =	USER NAME = keithbr	DESIGNED -	REVISED -
c:\notes\68b04 fiber plans\68b04\68B04	- Woodhull to Moline (1-95) - Final 4-30-12.dgn	DRAWN -	REVISED -
	PLOT SCALE = 164.7568' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/1/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
I-74 (FROM WOODHULL TO MOLINE) CONTINUED

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2013	HENRY/ROCK ISL	96	31
CONTRACT NO. 68B04				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET NO. 28 OF 62 SHEETS STA. TO STA.



UNDRGRD C MD
253 FT.

UNDRGRD C MD
132 FT. (PUSHED)

UNDRGRD C MD
940 FT.

COMMUNICATIONS VAULT
1.0 EACH

UNDRGRD C MD
136 FT. (PUSHED)

UNDRGRD C MD
182 FT.

I-74

81

IL-81

South St

IL-81

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41°17'48.99" N 90°20'04.53" W elev 740 ft

Eye alt 2791 ft

SCHEDULE OF QUANTITIES ITS FIBER (WOODHULL TO MOLINE) - SHEET 29		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1643.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1693.0
COMMUNICATIONS VAULT	EACH	1.0

Imagery Date: 9/12/2011 1993

FILE NAME =	USER NAME = keathbr	DESIGNED -	REVISED -
c:\notes\68b04 fiber plans\68b04\68B04	- Woodhull to Moline (1-95) - Final 4-30-12.dgn	DRAWN -	REVISED -
	PLOT SCALE = 164.7568' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/1/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
I-74 (FROM WOODHULL TO MOLINE) CONTINUED

SCALE: SHEET NO. 29 OF 62 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION/ON	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2013	HENRY/ROCK ISL	96	32
CONTRACT NO. 68B04				
ILLINOIS FED. AID PROJECT				



74

I-74

UNDRGRD C MD
1566 FT.

SCHEDULE OF QUANTITIES		
ITS FIBER (WOODHULL TO MOLINE) - SHEET 30		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1566.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1566.0

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Imagery Date: 9/12/2011 1993

41°17'57.26" N 90°20'02.54" W elev 728 ft

Eye alt 2791 ft

FILE NAME =	USER NAME = keithbr	DESIGNED -	REVISED -
ct:\notes\68b04 fiber plans\68b04\68B04	- Woodhull to Moline (1-95) - Final 4-30-12.dgn	DRAWN -	REVISED -
	PLOT SCALE = 164.7568' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/1/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
I-74 (FROM WOODHULL TO MOLINE) CONTINUED

SCALE: SHEET NO. 30 OF 62 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2013	HENRY/ROCK ISL	96	33
CONTRACT NO. 68B04			ILLINOIS FED. AID PROJECT	



COMMUNICATIONS VAULT
1.0 EACH

UNDRGRD C MD
432 FT.

I-74

UNDRGRD C MD
1109 FT.

SCHEDULE OF QUANTITIES		
ITS FIBER (WOODHULL TO MOLINE) - SHEET 31		
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

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Imagery Date: 9/12/2011 1993

41°18'12.04" N 90°20'02.11" W elev 740 ft

Eye alt 2791 ft

FILE NAME =	USER NAME = keithbr	DESIGNED -	REVISED -
c:\notes\68b04 fiber plans\68b04\68B04	- Woodhull to Moline (1-95) - Final 4-30-12.dgn	DRAWN -	REVISED -
	PLOT SCALE = 164.7568' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/1/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
I-74 (FROM WOODHULL TO MOLINE) CONTINUED

SCALE: SHEET NO. 31 OF 62 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2013	HENRY/ROCK ISL	96	34
CONTRACT NO. 68B04				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
1575 FT.

N. 1100TH AVE.

N 1100th Ave

I-74

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SCHEDULE OF QUANTITIES		
ITS FIBER (WOODHULL TO MOLINE) - SHEET 32		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1575.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1575.0

Imagery Date: 9/12/2011 1993

41°18'28.24" N 90°20'02.69" W elev 749 ft

Eye alt 2791 ft

FILE NAME =	USER NAME = keithbr	DESIGNED -	REVISED -
c:\notes\68b04 fiber plans\68b04\68B04	- Woodhull to Moline (1-95) - Final 4-30-12 - C	DRAWN -	REVISED -
	PLOT SCALE = 164.7568' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/1/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
I-74 (FROM WOODHULL TO MOLINE) CONTINUED

SCALE: SHEET NO. 32 OF 62 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2013	HENRY/ROCK ISL	96	35
CONTRACT NO. 68B04				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
1575 FT.

I-74



SCHEDULE OF QUANTITIES		
ITS FIBER (WOODHULL TO MOLINE) - SHEET 33		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1575.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1575.0

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Imagery Date: 9/12/2011 1993

41°18'42.54" N 90°20'02.29" W elev 730 ft

Eye alt 2791 ft

FILE NAME =	USER NAME = kesthbr	DESIGNED -	REVISED -
c:\notes\68b04 fiber plans\68b04\68B04	- Woodhull to Moline (1-95) - Final 4-30-12.dgn	DRAWN -	REVISED -
	PLOT SCALE = 164.7568' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/1/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
I-74 (FROM WOODHULL TO MOLINE) CONTINUED

SCALE: SHEET NO. 33 OF 62 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2013	HENRY/ROCK ISL	96	36
CONTRACT NO. 68B04				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
1185 FT.

COMMUNICATIONS VAULT
1.0 EACH

UNDRGRD C MD
418 FT. (PUSHED)
UNDER CREEK

I-74

SCHEDULE OF QUANTITIES		
ITS FIBER (WOODHULL TO MOLINE) - SHEET 34		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1603.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1653.0
COMMUNICATIONS VAULT	EACH	1.0

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Imagery Date: 9/12/2011 1994

41°18'57.92" N 90°20'02.04" W elev 708 ft

Eye alt 2791 ft

FILE NAME =	USER NAME = keithbr	DESIGNED -	REVISED -
ct:\notes\68b04 fiber plans\68b04\68B04	- Woodhull to Moline (1-95) - Final 4-30-12.dgn	DRAWN -	REVISED -
	PLOT SCALE = 164.7568' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/1/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
I-74 (FROM WOODHULL TO MOLINE) CONTINUED

SCALE: SHEET NO. 34 OF 62 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2013	HENRY/ROCK ISL	96	37
CONTRACT NO. 68B04				
ILLINOIS FED. AID PROJECT				



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SCHEDULE OF QUANTITIES		
ITS FIBER (WOODHULL TO MOLINE) - SHEET 35		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1567.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1567.0

Imagery Date: 9/12/2011 1994

41°19'13.15" N 90°20'02.58" W elev 724 ft

Eye alt 2791 ft

FILE NAME =	USER NAME = keithbr	DESIGNED -	REVISED -
c:\notes\68b04 fiber plans\68b04\68B04	- Woodhull to Moline (1-95) - Final 4-30-12.dgn	DRAWN -	REVISED -
	PLOT SCALE = 164.7568' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/1/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
I-74 (FROM WOODHULL TO MOLINE) CONTINUED

SCALE: SHEET NO. 35 OF 62 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2013	HENRY/ROCK ISL	96	38
CONTRACT NO.68B04				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
399 FT. (PUSHED)
ALONG ROUGH TERRAIN

COMMUNICATIONS VAULT
1.0 EACH

UNDRGRD C MD
644 FT.

UNDRGRD C MD
514 FT. (PUSHED)
UNDER ROADWAY AND
ALONG ROUGH TERRAIN

I-74

A COMBINATION OF PUSHED AND TRENCHED
CONDUIT WILL BE REQUIRED IN THIS AREA OF
ROUGH TERRAIN. THE CONTRACTOR SHALL VERIFY
ALL FIELD CONDITIONS PRIOR TO BIDDING.

SCHEDULE OF QUANTITIES		
ITS FIBER (WOODHULL TO MOLINE) - SHEET 36		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1557.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1607.0
COMMUNICATIONS VAULT	EACH	1.0

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N. 1200TH AVE.

Imagery Date: 9/12/2011 1994

41°19'29.37" N 90°20'04.06" W elev 761 ft

Eye alt 2791 ft

FILE NAME =	USER NAME = keithbr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FIBER OPTIC CONDUIT AND CABLE PROJECT I-74 (FROM WOODHULL TO MOLINE) CONTINUED	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\notes\68b04 fiber plans\68b04\68B04	- Woodhull to Moline (1-95) - Final 4-30-12.dgn	DRAWN -	REVISED -			VAR	D4 FIBER OPTIC 2013	HENRY/ROCK ISL	96	39	
	PLOT SCALE = 164.7568' / in.	CHECKED -	REVISED -			CONTRACT NO. 68B04					
	PLOT DATE = 5/1/2012	DATE -	REVISED -			SCALE:	SHEET NO. 36 OF 62 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	



UNDRGRD C MD
1585 FT.

I-74



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SCHEDULE OF QUANTITIES		
ITS FIBER (WOODHULL TO MOLINE) - SHEET 37		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1585.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1585.0

Imagery Date: 9/12/2011 1994

41°19'44.18" N 90°20'03.29" W elev 724 ft

Eye alt 2791 ft

FILE NAME =	USER NAME = keithbr	DESIGNED -	REVISED -
c:\notes\68b04 fiber plans\68b04\68B04	- Woodhull to Moline (1-95) - Final 4-30-12.dgn	DRAWN -	REVISED -
	PLOT SCALE = 164.7568' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/1/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
I-74 (FROM WOODHULL TO MOLINE) CONTINUED

SCALE: SHEET NO. 37 OF 62 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2013	HENRY/ROCK ISL	96	40
CONTRACT NO. 68B04			ILLINOIS FED. AID PROJECT	



UNDRGRD C MD
1575 FT.

I-74



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SCHEDULE OF QUANTITIES		
ITS FIBER (WOODHULL TO MOLINE) - SHEET 38		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1575.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1575.0

Imagery Date: 9/12/2011 1994

41°19'59.28" N 90°20'02.17" W elev 760 ft

Eye alt 2791 ft

FILE NAME = c:\notes\68b04 fiber plans\68b04\68B04	USER NAME = keithbr - Woodhull to Moline (1-95) - Final 4-30-12.dgn	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FIBER OPTIC CONDUIT AND CABLE PROJECT I-74 (FROM WOODHULL TO MOLINE) CONTINUED	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 164.7568' / in.	CHECKED - DATE -	REVISED - REVISED -			VAR	D4 FIBER OPTIC 2013	HENRY/ROCK ISL	96	41
	PLOT DATE = 5/1/2012					CONTRACT NO. 68B04				
					SCALE:	SHEET NO. 38 OF 62 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	



UNDRGRD C MD
1111 FT.

N 1300th Ave N. 1300TH AVE.

I-74

COMMUNICATIONS VAULT
1.0 EACH

UNDRGRD C MD
441 FT.

SCHEDULE OF QUANTITIES		
ITS FIBER (WOODHULL TO MOLINE) - SHEET 39		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1552.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1602.0
COMMUNICATIONS VAULT	EACH	1.0

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Imagery Date: 9/12/2011 1994

41°20'14.34" N 90°20'00.51" W elev 760 ft

Eye alt 2791 ft

FILE NAME =	USER NAME = keithbr	DESIGNED -	REVISED -
ct:\notes\68b04 fiber plans\68b04\68B04	- Woodhull to Moline (1-95) - Final 4-30-12.dgn	DRAWN -	REVISED -
	PLOT SCALE = 164.7568' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/1/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
I-74 (FROM WOODHULL TO MOLINE) CONTINUED

SCALE: SHEET NO. 39 OF 62 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2013	HENRY/ROCK ISL	96	42
CONTRACT NO. 68B04				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
1577 FT.

I-74

SCHEDULE OF QUANTITIES		
ITS FIBER (WOODHULL TO MOLINE) - SHEET 40		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1577.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1577.0

Imagery Date: 9/12/2011 1994

41°20'29.58" N 90°19'59.78" W elev 772 ft

Eye alt 2791 ft

FILE NAME =	USER NAME = kesthbr	DESIGNED -	REVISED -
c:\notes\68b04 fiber plans\68b04\68B04	Woodhull to Moline (1-95) - Final 4-30-12.dgn	DRAWN -	REVISED -
	PLOT SCALE = 164.7568' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/1/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
I-74 (FROM WOODHULL TO MOLINE) CONTINUED

SCALE: SHEET NO. 40 OF 62 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2013	HENRY/ROCK ISL	96	43
				CONTRACT NO. 68B04
ILLINOIS FED. AID PROJECT				





UNDRGRD C MD
271 FT.

COMMUNICATIONS VAULT
1.0 EACH

UNDRGRD C MD
609 FT.

I-74

N. 1350TH AVE. (CH 32)

UNDRGRD C MD

571 FT. (PUSHED)
UNDER ROADWAY
ALONG STEEP TERRAIN

N 1350th Ave

UNDRGRD C MD
132 FT.

N. 1350TH AVE. (CH 32)

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41°20'44.07" N 90°19'56.39" W elev 790 ft

Eye alt 2791 ft

SCHEDULE OF QUANTITIES		
ITS FIBER (WOODHULL TO MOLINE) - SHEET 41		
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: 9/12/2011 1994

FILE NAME =	USER NAME = keithbr	DESIGNED -	REVISED -
ct:\notes\68b04 fiber plans\68b04\68B04	- Woodhull to Moline (1-95) - Final 4-30-12.dgn	DRAWN -	REVISED -
	PLOT SCALE = 164.7568' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/1/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
I-74 (FROM WOODHULL TO MOLINE) CONTINUED

SCALE: SHEET NO. 41 OF 62 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2013	HENRY/ROCK ISL	96	44
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68B04	



N-1400th Ave

74

UNDRGRD C MD
1583 FT.

I-74

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SCHEDULE OF QUANTITIES		
ITS FIBER (WOODHULL TO MOLINE) - SHEET 42		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1583.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1583.0

Imagery Date: 9/12/2011 1994

41°21'02.11" N 90°19'54.67" W elev 808 ft

Eye alt 2791 ft

FILE NAME =	USER NAME = keithbr	DESIGNED -	REVISED -
c:\notes\68b04 fiber plans\68b04\68B04	- Woodhull to Moline (1-95) - Final 4-30-12.dgn	DRAWN -	REVISED -
	PLOT SCALE = 164.7568' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/1/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
I-74 (FROM WOODHULL TO MOLINE) CONTINUED

SCALE: SHEET NO. 42 OF 62 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR D40	416E-010C10201	HENRY/ROCK ISL	96	45
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68B04	



UNDRGRD C MD
1567 FT.

I-74

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SCHEDULE OF QUANTITIES		
ITS FIBER (WOODHULL TO MOLINE) - SHEET 43		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1567.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1567.0

Imagery Date: 9/12/2011 1994

N 1400th Ave

41°21'13.98" N 90°19'52.06" W elev 790 ft

Eye alt 2791 ft

FILE NAME =	USER NAME = kesthbr	DESIGNED -	REVISED -
c:\notes\68b04 fiber plans\68b04\68B04	- Woodhull to Moline (1-95) - Final 4-30-12.dgn	DRAWN -	REVISED -
	PLOT SCALE = 164.7568' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/1/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
I-74 (FROM WOODHULL TO MOLINE) CONTINUED

SCALE: SHEET NO. 43 OF 62 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2013	HENRY/ROCK ISL	96	46
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68B04	



UNDRGRD C MD
992 FT.

COMMUNICATIONS VAULT
1.0 EACH

UNDRGRD C MD
579 FT.

I-74

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SCHEDULE OF QUANTITIES		
ITS FIBER (WOODHULL TO MOLINE) - SHEET 44		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1571.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1621.0
COMMUNICATIONS VAULT	EACH	1.0

Imagery Date: 9/12/2011 1994

41°21'28.70" N 90°19'50.39" W elev 781 ft

Eye alt 2791 ft

FILE NAME =	USER NAME = keithbr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FIBER OPTIC CONDUIT AND CABLE PROJECT I-74 (FROM WOODHULL TO MOLINE) CONTINUED	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\notes\68b04 fiber plans\68b04\68B04	- Woodhull to Moline (1-95) - Final 4-30-12.dgn	DRAWN -	REVISED -			VAR	D4 FIBER OPTIC 2013	HENRY/ROCK ISL	96	47
	PLOT SCALE = 164.7568' / in.	CHECKED -	REVISED -			CONTRACT NO. 68B04				
	PLOT DATE = 5/2/2012	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
				SCALE:	SHEET NO. 44 OF 62 SHEETS	STA.	TO STA.			



UNDRGRD C MD
1595 FT.

I-74



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SCHEDULE OF QUANTITIES		
ITS FIBER (WOODHULL TO MOLINE) - SHEET 45		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1595.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1595.0

Imagery Date: 9/12/2011 1994

41°21'43.83"N 90°19'48.49" W elev 776 ft

Eye alt 2791 ft

FILE NAME =	USER NAME = keithbr	DESIGNED -	REVISED -
c:\notes\68b04 fiber plans\68b04\68B04	- Woodhull to Moline (1-95) - Final 4-30-12.dgn	DRAWN -	REVISED -
	PLOT SCALE = 164.7568' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/2/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
I-74 (FROM WOODHULL TO MOLINE) CONTINUED

SCALE: SHEET NO. 45 OF 62 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2013	HENRY/ROCK ISL	96	48
CONTRACT NO. 68B04				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD

148 FT.

COMMUNICATIONS VAULT

1.0 EACH

UNDRGRD C MD

1413 FT.

I-74



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SCHEDULE OF QUANTITIES		
ITS FIBER (WOODHULL TO MOLINE) - SHEET 46		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1561.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1611.0
COMMUNICATIONS VAULT	EACH	1.0

Imagery Date: 9/12/2011 1994

41°21'59.04" N 90°19'46.86" W elev 760 ft

Eye alt 2791 ft

FILE NAME =	USER NAME = keithbr	DESIGNED -	REVISED -
ct:\notes\68b04 fiber plans\68b04\68B04	- Woodhull to Moline (1-95) - Final 4-30-12.dgn	DRAWN -	REVISED -
	PLOT SCALE = 164.7568' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/1/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
I-74 (FROM WOODHULL TO MOLINE) CONTINUED

SCALE: SHEET NO. 46 OF 62 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2013	HENRY/ROCK ISL	96	49
CONTRACT NO. 68B04				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
1575 FT.

I-74



SCHEDULE OF QUANTITIES		
ITS FIBER (WOODHULL TO MOLINE) - SHEET 47		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1575.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1575.0

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Imagery Date: 9/12/2011 1994

41°22'26.25" N 90°19'42.24" W elev 768 ft

Eye alt 2791 ft

FILE NAME =	USER NAME = keithbr	DESIGNED -	REVISED -
ct:\notes\68b04 fiber plans\68b04\68B04	- Woodhull to Moline (1-95) - Final 4-30-12.dgn	DRAWN -	REVISED -
	PLOT SCALE = 164.7568' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/1/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
I-74 (FROM WOODHULL TO MOLINE) CONTINUED

SCALE: SHEET NO. 47 OF 62 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2013	HENRY/ROCK ISL	96	50
CONTRACT NO. 68B04			ILLINOIS FED. AID PROJECT	