

December 12, 2014

Mr. Martin McLaughlin
President
Village of Barrington Hills
112 Algonquin Road
Barrington Hills, Illinois 60010

Re: 2015 Drainage Program- Merri Oaks Road Drainage Improvements
Bid Recommendation

Dear Mr. McLaughlin:

On Thursday, December 11, 2014 at 2:00 PM bids for the above referenced project were received, opened and read aloud at the Village Hall. Attached are the bid tabulations and summary of the bids received along with the engineer's estimate of probable cost. Ten bids were received for the project, which includes the extension of an existing storm sewer on Ridge Road approximately 500' down Merri Oaks Road. The low bidder was Copenhagen Construction of Gilberts, Illinois. Copenhagen Construction submitted a base bid of \$92,571.50. RA Mancini of Lakemoor, IL submitted the second lowest base bid at \$94,713.00. The Engineer's Opinion of Probable Cost for this project was \$96,907.50; the draft 2015 budget had allocated \$120,000.00 for Drainage Management.

	Copenhagen Construction	R.A. Mancini	EOPC
Base Bid	\$92,571.50	\$94,713.00	\$96,907.50
Alternate Bid Items	\$7,425.00	\$8,000.00	\$12,000.00
Total Bid Incl. Alternates	\$99,996.50	\$102,713.00	\$108,907.50

Contractor Review

The contractors submitting the two lowest bids have both completed projects in the Village previously. Copenhagen Construction, Inc. completed the 2009 and 2011 Drainage Program projects. R.A. Mancini completed the River Road Phase Two Drainage Improvements, also in 2009. Both contractors would be qualified to complete the proposed scope of work.

Alternate Bid Item Summary

The project was bid with a base scope of work as well as three separate bid items that were referred to in the plans and the specifications as "Alternate Bid Items." This project was initially designed with a gravity outlet to an existing drainage easement into Oak Lake, approximately 1500' further east. Part of the initial scope included extending a storm sewer to collect runoff from an existing depressional area at the northeast corner of Ridge & Merri Oaks within the front (south) yard of the property at 315 Ridge

9355.140 2015 Drainage Program Bid Recommendation

Road. The scope has been reduced as the Village has not reached an agreement regarding use of the downstream easement, and now relies primarily on infiltration as opposed to gravity flow. The base bid items will meet the primary project goal of providing a suitable means to route excess runoff from the west side of Ridge Road to the south side of Merri Oaks Road. The alternate bid items would provide the added benefit of draining the south depressional area at 315 Ridge Road, but would require an easement from the homeowner as well as confirmation from the Village Attorney that the existing easement south of the Merri-Oaks right-of-way can be legally utilized. It is also noted that Lake County SMC had previously approved a grant in the amount of \$25,000 for the project.

We recommend that the Village Board award the 2015 Drainage Program – Merri Oaks Road Drainage Improvements work package to Copenhagen Construction, Inc. of Gilberts, IL in the amount of \$99,996.50. This would allow for completion of the full scope of work if the conditions outlined above are met for the alternate bid items while remaining within the Drainage Management budgeted amount.

The terms of the project specifications allow the contractor to complete the work in the winter (if weather conditions allow) or in the spring. In either case the contractor is required to complete the project within 25 working days and no later than May 31st, 2015. The seasonal weight restrictions will apply to this contract.

Sincerely,
Gewalt Hamilton Associates, Inc.



Daniel J. Strahan, P.E., CFM
Village Engineer

cc: Patty Meroni, Road and Bridges Chair
Robert Kosin, Village Administrator

Village of Barrington Hills
 2015 Drainage Program
 GHA Project #9355.140

Bid Tabulation

December 11, 2014



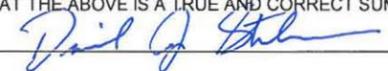
625 Forest Edge Drive, Vernon Hills, IL 60061
 TEL 847.478.9700 ■ FAX 847.478.9701

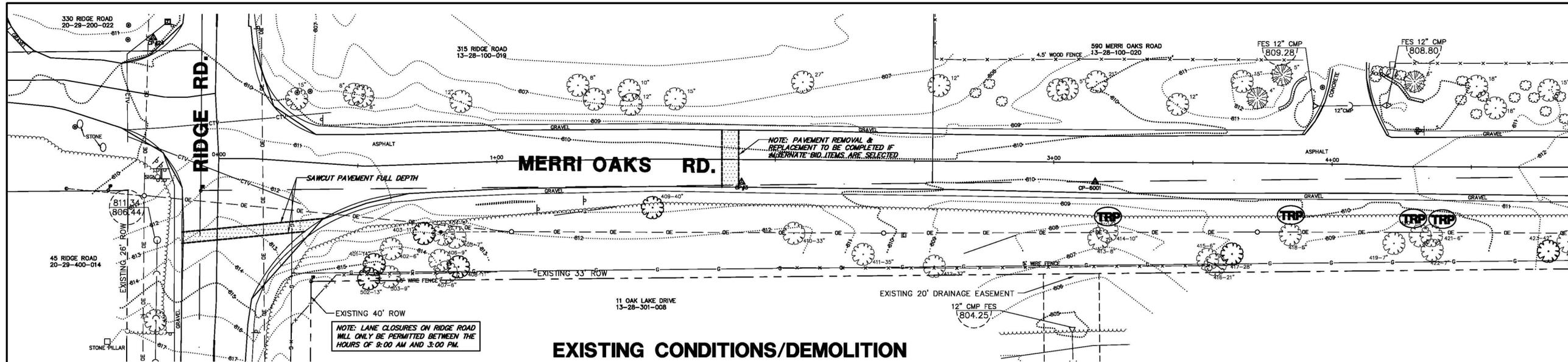
www.gha-engineers.com

Item No.	Description	Unit	Qty.	Engineer's		Copenhaver Construction Gilberts, Illinois		RA Mancini Lakemoor, Illinois		DK Contractors Pleasant Prairie, WI		Martam Construction Elgin, Illinois		Lenny Hoffman Wilmette, Illinois		Sheridan Plumbing Bedford Park, Illinois		Berger Excavating Wauconda, Illinois		Maneval Construction Ingleside, Illinois		Lifco Construction Carol Stream, Illinois		Kovolic Construction Franklin Park, Illinois	
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1.	Tree Root Pruning	EA	4	\$150.00	\$600.00	\$20.00	\$80.00	\$500.00	\$2,000.00	\$245.00	\$980.00	\$200.00	\$800.00	\$144.00	\$576.00	\$375.00	\$1,500.00	\$250.00	\$1,000.00	\$180.00	\$720.00	\$300.00	\$1,200.00	\$250.00	\$1,000.00
2.	Trench Backfill	CY	24.5	\$45.00	\$1,102.50	\$49.00	\$1,200.50	\$62.00	\$1,519.00	\$60.00	\$1,470.00	\$58.00	\$1,421.00	\$49.00	\$1,200.50	\$45.00	\$1,102.50	\$55.00	\$1,347.50	\$40.00	\$980.00	\$75.00	\$1,837.50	\$100.00	\$2,450.00
3.	Non-Special Waste Disposal (Special)	CY	50	\$75.00	\$3,750.00	\$30.00	\$1,500.00	\$91.00	\$4,550.00	\$90.00	\$4,500.00	\$50.00	\$2,500.00	\$10.00	\$500.00	\$20.00	\$1,000.00	\$1.00	\$50.00	\$5.00	\$250.00	\$30.00	\$1,500.00	\$150.00	\$7,500.00
4.	Storm Sewers, 12" PVC SDR-26	FT	83	\$65.00	\$5,395.00	\$48.00	\$3,984.00	\$91.00	\$7,553.00	\$90.00	\$7,470.00	\$84.00	\$6,972.00	\$114.00	\$9,462.00	\$65.00	\$5,395.00	\$104.00	\$8,632.00	\$62.00	\$5,146.00	\$122.00	\$10,126.00	\$100.00	\$8,300.00
5.	Storm Sewers, 12" C900 DR18 Certalok (Directional Drill)	FT	123	\$200.00	\$24,600.00	\$241.00	\$29,643.00	\$161.00	\$19,803.00	\$180.00	\$22,140.00	\$210.00	\$25,830.00	\$195.00	\$23,985.00	\$115.00	\$14,145.00	\$160.00	\$19,680.00	\$180.00	\$22,140.00	\$160.00	\$19,680.00	\$250.00	\$30,750.00
6.	Storm Sewers, Class A, Type 2, 24" RCP	FT	278	\$100.00	\$27,800.00	\$59.00	\$16,402.00	\$58.00	\$16,124.00	\$100.00	\$27,800.00	\$78.00	\$21,684.00	\$85.00	\$23,630.00	\$158.15	\$43,965.70	\$117.00	\$32,526.00	\$107.00	\$29,746.00	\$155.00	\$43,090.00	\$250.00	\$69,500.00
7.	Dry Well Catch Basin, Type A, 4" Diameter, Neenah R-2560-E1 Grate	EA	1	\$3,500.00	\$3,500.00	\$3,400.00	\$3,400.00	\$4,100.00	\$4,100.00	\$5,915.00	\$5,915.00	\$4,200.00	\$4,200.00	\$5,368.00	\$5,368.00	\$6,000.00	\$6,000.00	\$7,850.00	\$7,850.00	\$10,000.00	\$10,000.00	\$16,000.00	\$16,000.00	\$5,000.00	\$5,000.00
8.	Dry Well Catch Basin, Type A, 4" Diameter, Type 1 FR & CL	EA	3	\$3,500.00	\$10,500.00	\$3,100.00	\$9,300.00	\$4,000.00	\$12,000.00	\$6,015.00	\$18,045.00	\$4,000.00	\$12,000.00	\$5,168.00	\$15,504.00	\$9,000.00	\$27,000.00	\$7,650.00	\$22,950.00	\$10,000.00	\$30,000.00	\$15,000.00	\$45,000.00	\$5,000.00	\$15,000.00
9.	Furnish and Place Topsoil, 4"	SY	460	\$8.00	\$3,680.00	\$4.00	\$1,840.00	\$7.00	\$3,220.00	\$10.00	\$4,600.00	\$6.00	\$2,760.00	\$6.00	\$2,760.00	\$12.00	\$5,520.00	\$6.00	\$2,760.00	\$14.50	\$6,670.00	\$7.00	\$3,220.00	\$10.00	\$4,600.00
10.	Seeding, Class 2A	SY	460	\$3.00	\$1,380.00	\$2.00	\$920.00	\$5.00	\$2,300.00	\$1.00	\$460.00	\$3.00	\$1,380.00	\$2.25	\$1,035.00	\$2.00	\$920.00	\$0.75	\$345.00	\$2.30	\$1,058.00	\$1.00	\$460.00	\$5.00	\$2,300.00
11.	Erosion Control Blanket	SY	460	\$5.00	\$2,300.00	\$2.00	\$920.00	\$2.50	\$1,150.00	\$1.00	\$460.00	\$3.00	\$1,380.00	\$2.25	\$1,035.00	\$2.00	\$920.00	\$2.00	\$920.00	\$2.30	\$1,058.00	\$4.00	\$1,840.00	\$5.00	\$2,300.00
12.	Temporary Ditch Checks	EA	2	\$250.00	\$500.00	\$100.00	\$200.00	\$305.00	\$610.00	\$170.00	\$340.00	\$200.00	\$400.00	\$220.00	\$440.00	\$275.00	\$550.00	\$510.00	\$1,020.00	\$88.00	\$176.00	\$100.00	\$200.00	\$250.00	\$500.00
13.	Grading and Shaping Ditches	FT	50	\$15.00	\$750.00	\$15.00	\$750.00	\$62.00	\$3,100.00	\$5.00	\$250.00	\$70.00	\$3,500.00	\$63.00	\$3,150.00	\$15.00	\$750.00	\$5.00	\$250.00	\$65.00	\$3,250.00	\$20.00	\$1,000.00	\$50.00	\$2,500.00
14.	Pavement Placement, 6"	ST	35	\$90.00	\$3,150.00	\$98.00	\$3,430.00	\$260.00	\$9,100.00	\$100.00	\$3,500.00	\$161.00	\$5,635.00	\$242.00	\$8,470.00	\$225.00	\$7,875.00	\$210.00	\$7,350.00	\$186.00	\$6,510.00	\$100.00	\$3,500.00	\$180.00	\$6,300.00
15.	Inlet Filter Baskets	EA	2	\$200.00	\$400.00	\$1.00	\$2.00	\$192.00	\$384.00	\$305.00	\$610.00	\$200.00	\$400.00	\$166.00	\$332.00	\$125.00	\$250.00	\$225.00	\$450.00	\$129.00	\$258.00	\$130.00	\$260.00	\$250.00	\$500.00
16.	Traffic Control & Protection (Special)	LS	1	\$7,500.00	\$7,500.00	\$19,000.00	\$19,000.00	\$7,200.00	\$7,200.00	\$1,625.00	\$1,625.00	\$12,000.00	\$12,000.00	\$19,287.50	\$19,287.50	\$3,500.00	\$3,500.00	\$13,000.00	\$13,000.00	\$7,800.00	\$7,800.00	\$4,700.00	\$4,700.00	\$15,000.00	\$15,000.00
Total Bid Amount					\$96,907.50		\$92,571.50		\$94,713.00		\$100,165.00		\$102,862.00		\$116,735.00		\$120,393.20		\$120,130.50		\$125,762.00		\$153,613.50		\$173,500.00

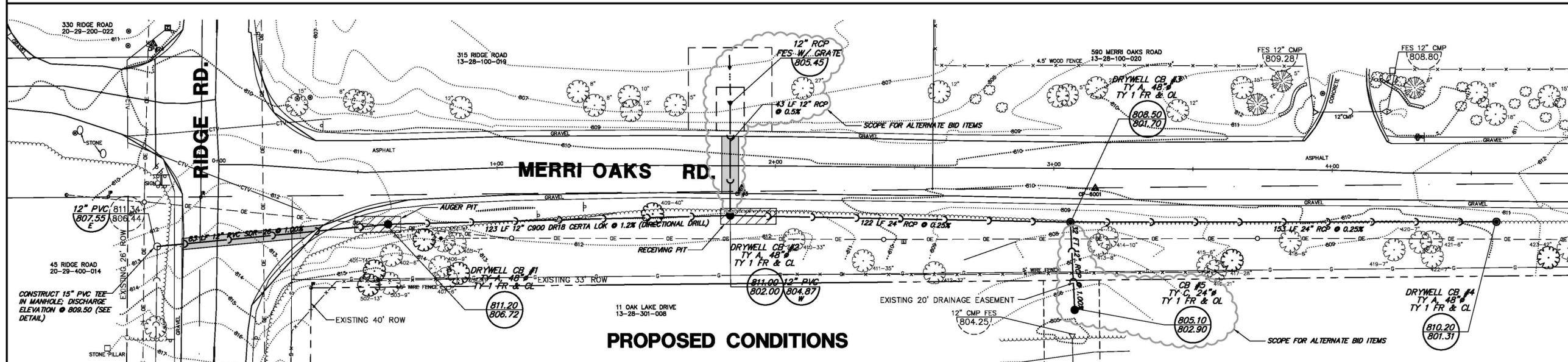
ALTERNATE BID ITEMS																									
Item No.	Description	Unit	Qty.	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount		
A1.	Storm Sewers, Class A, Type 2, 12" RCP	FT	75	\$100.00	\$7,500.00	\$67.00	\$5,025.00	\$68.00	\$5,100.00	\$55.00	\$4,125.00	\$60.00	\$4,500.00	\$59.00	\$4,425.00	\$62.00	\$4,650.00	\$77.25	\$5,793.75	\$82.60	\$6,195.00	\$50.00	\$3,750.00	\$100.00	\$7,500.00
A2.	Catch Basin, Type C, 2" Diameter, Neenah R-2560-E1 Grate	EA	1	\$3,500.00	\$3,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,735.00	\$1,735.00	\$1,920.00	\$1,920.00	\$1,906.00	\$1,906.00	\$1,450.00	\$1,450.00	\$1,675.00	\$1,675.00	\$2,950.00	\$2,950.00	\$1,300.00	\$1,300.00	\$2,000.00	\$2,000.00
A3.	Precast Reinforced Flared End Section, 12" with Grate	EA	1	\$1,000.00	\$1,000.00	\$900.00	\$900.00	\$1,400.00	\$1,400.00	\$2,000.00	\$2,000.00	\$1,200.00	\$1,200.00	\$897.00	\$897.00	\$600.00	\$600.00	\$1,450.00	\$1,450.00	\$1,770.00	\$1,770.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
Total Alternate Bid Items					\$12,000.00		\$7,425.00		\$8,000.00		\$7,860.00		\$7,620.00		\$7,228.00		\$6,700.00		\$8,918.75		\$10,915.00		\$6,050.00		\$10,500.00
Total Bid Including Alternates					\$108,907.50		\$99,996.50		\$102,713.00		\$108,025.00		\$110,482.00		\$123,963.00		\$127,093.20		\$129,049.25		\$136,677.00		\$159,663.50		\$184,000.00

Read As: \$116,482.00

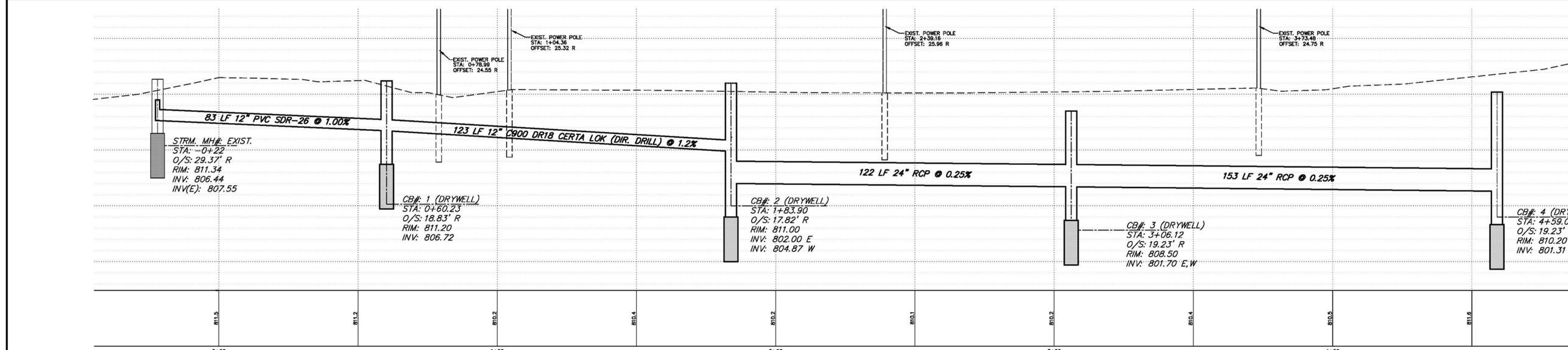
I HEREBY CERTIFY THAT THE ABOVE IS A TRUE AND CORRECT SUMMARY OF PROPOSALS RECEIVED
 PROJECT MANAGER 



- EXISTING/DEMO LEGEND**
- SAWCUT PAVEMENT (FULL DEPTH)
 - PAVEMENT REMOVAL (FULL DEPTH)
 - VH HERITAGE TREE
 - TREE ROOT PRUNING
- DEMOLITION NOTES:**
- AS AN INITIAL ORDER OF OPERATION TRAFFIC CONTROL SIGNS MUST BE IN PLACE PRIOR TO ANY CONSTRUCTION OPERATIONS. A MINIMUM OF ONE LANE OF TRAFFIC MUST REMAIN OPEN AT ALL TIMES. PROVIDE FLAGGERS WHENEVER CONSTRUCTION OPERATIONS LIMIT TRAFFIC FLOW TO ONE LANE.
 - INLET FILTER BASKETS SHALL BE PLACED IN ALL EXISTING DRAINAGE STRUCTURES PRIOR TO INITIATION OF CONSTRUCTION ACTIVITIES AND REMAIN IN PLACE THROUGHOUT CONSTRUCTION.
 - SAWCUT PAVEMENT AND REMOVED EXISTING CULVERTS WHERE SHOWN.
 - PROVIDE BARRICADES ALONG EDGES OF EXCAVATION AT CLOSE OF EACH CONSTRUCTION DAY.
 - COMPLETE TREE ROOT PRUNING AT LOCATIONS INDICATED ALONG TRENCH LIMITS PRIOR TO EXCAVATION.
- NOTE: WHERE SHOWN, LOT LINES AND RIGHT-OF-WAY LINES ARE APPROXIMATE AND FOR REFERENCE ONLY. A BOUNDARY SURVEY WAS NOT COMPLETED AS PART OF THE EXISTING CONDITIONS TOPOGRAPHY.



- PROPOSED LEGEND**
- BITUMINOUS PAVEMENT SECTION (FULL DEPTH PAVEMENT REPLACEMENT)
 - AUGER PIT/RECEIVING PIT FOR DIRECTIONAL DRILL OPERATIONS
- RESTORE ALL DISTURBED GRASS AREAS WITH 4" TOPSOIL, CLASS 2A SEEDING, & EROSION CONTROL BLANKET.
 - ALL PROPOSED DRAINAGE SWALES SHALL BE BUILT TO MINIMUM 1.5% SLOPE. MINIMUM CROSS SLOPE OF DRAINAGE SWALES SHALL BE 3H:1V.
- GRAPHIC SCALE
- 20 0 10 20
- (IN FEET)
- 1 inch = 20 ft.



GHA GEWALT HAMILTON ASSOCIATES, INC.
 850 Forest Edge Drive ■ Vernon Hills, IL. 60061
 TEL 847.478.9700 ■ FAX 847.478.9701

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PLAN AND PROFILE
MERRI OAKS ROAD DRAINAGE IMPROVEMENTS
2015 DRAINAGE PROGRAM
BARRINGTON HILLS, ILLINOIS

NO.	BY	DATE	REVISION	NO.	BY	DATE	REVISION
1	DJS	11-14-14	PERMIT & BID SET				

FILE: 9355.140-PR1.dwg	SHEET NUMBER: 2
DRAWN BY: GM	GHA PROJECT #: 9355.140
DATE: 5-13-08	
CHECKED BY: DJS	SCALE: 1"=20'
DATE: 5-22-08	OF 4 SHEETS

RESOLUTION NO. 14 - _____

**A RESOLUTION AUTHORIZING THE ISSUANCE OF A NOTICE OF AWARD FOR
THE 2015 DRAINAGE PROGRAM – MERRI OAKS ROAD DRAINAGE
IMPROVEMENTS
BY THE VILLAGE OF BARRINGTON HILLS, ILLINOIS**

WHEREAS, in the opinion of a majority of the corporate authorities of the Village of Barrington Hills, Illinois, (hereinafter the "Village") it is advisable, necessary and in the public interest that the Village contract for the improvement and maintenance of various roads within the Village as described in the 2015 Drainage Program – Merri Oaks Road Drainage Improvements (the "Project"); and

WHEREAS, the Village authorized the advertisement of bids for the Project. Pursuant to the authorization a notice soliciting bids was published and plans, specifications and proposal forms (hereinafter the "Bid Documents") were made available to prospective bidders; and

WHEREAS, sealed bids were accepted and opened on December 11, 2014; and

WHEREAS, the Village received and evaluated bids from ten (10) potential contractors; and

WHEREAS, the Village Engineer has analyzed each of the bids and recommended that the Village award Copenhaver Construction, Inc. (the "Contractor") the contract for the Project as the Contractor has been found to have provided the lowest responsible bid for the installation of the Project; and

WHEREAS, the Contractor has not been disqualified from bidding and its proposal met, without exception, all of the requirements of the Bid Documents.

NOW, THEREFORE, be it resolved by the President and Board of Trustees of the Village of Barrington Hills, a home rule municipality, Cook, Lake, Kane and McHenry Counties, Illinois, as follows:

Section 1: That the corporate authorities hereby incorporate the foregoing preamble clauses into this Resolution.

Section 2: It is hereby determined that it is advisable, necessary and in the public interest that the Village contract for the installation of the Project.

Section 3: It is hereby determined that Contractor has not been disqualified from bidding and its proposal met, without exception, all of the requirements of the Bid Documents, including, without limitation, the provisions of the Illinois Prevailing Wage Act (820 ILCS 130/1, et seq.).

Section 4: It is hereby determined that the bid proposal of Contractor provides the lowest responsible bid for the installation of the Project. _____

Section 5: That the President be and is hereby authorized and directed to execute and the Village Clerk be and is hereby authorized and directed to attest on a Contract for the installation of the Project along with all other written contract documents attached (hereinafter the "Contract"), a copy of which Contract is attached hereto as Exhibit A and made a part hereof, which Contract shall require compliance with the Illinois Prevailing Wage Act; PROVIDED that Contractor returns to the Village said Contract along with the proper contract bonds and policies of insurance within fifteen (15) calendar days from the date of the Notice of Award.

Section 6: That this Resolution shall be in full force and effect upon its passage and approval in accordance with law.

APPROVED: This _____ day of _____, 2014

AYES: _____, NAYS: _____, ABSENT: _____.

Village President

ATTEST:

Village Clerk



PROPOSAL SUBMITTED BY		
Copenhaver Construction, Inc.		
Contractor's Name		
75 Koppie Dr.		
Street		P.O. Box
Gilberts	IL	60136
City	State	Zip Code

STATE OF ILLINOIS

COUNTY Lake
Village of Barrington Hills
(Name of City, Village, Town or Road District)

FOR THE IMPROVEMENT OF
STREET NAME OR ROUTE 2015 Drainage Program
SECTION NO. NON-MFT
TYPES OF FUNDS Village General Funds

SPECIFICATIONS (required)

PLANS (required)

CONTRACT BOND (when required)

For Municipal Projects
Submitted/Approved/Passed

Mayor President of Board of Trustees Municipal Official

Date

Department of Transportation

Concurrence in approval of award

Regional Engineer

Date

For County and Road District Projects
Submitted/Approved

Highway Commissioner

Date

Submitted/Approved

County Engineer/Superintendent of Highways

Date

County Lake
Local Public Agency Barrington Hills
Section Number NON-MFT
Route 2015 Drainage Prgm

1. THIS AGREEMENT, made and concluded the _____ day of _____, _____
Month and Year
between the Village of Barrington Hills
acting by and through its Board of Trustees known as the party of the first part, and
Copenhaver Construction, Inc. his/their executors, administrators, successors or assigns,
known as the party of the second part.
2. Witnesseth: That for and in consideration of the payments and agreements mentioned in the Proposal hereto attached, to be made and performed by the party of the first part, and according to the terms expressed in the Bond referring to these presents, the party of the second part agrees with said party of the first part at his/their own proper cost and expense to do all the work, furnish all materials and all labor necessary to complete the work in accordance with the plans and specifications hereinafter described, and in full compliance with all of the terms of this agreement and the requirements of the Engineer under it.
3. And it is also understood and agreed that the LPA Formal Contract Proposal, Special Provisions, Affidavit of Illinois Business Office, Apprenticeship or Training Program Certification, and Contract Bond hereto attached, and the Plans for Section 2015 Drainage Program, in the Village of Barrington Hills, approved by the Illinois Department of Transportation on _____, are essential documents of this
Date
contract and are a part hereof.
4. IN WITNESS WHEREOF, The said parties have executed these presents on the date above mentioned.

Attest: _____ Clerk By _____

(Seal) _____
(If a Corporation)

Corporate Name _____
By _____
President Party of the Second Part
(If a Co-Partnership)

Attest: _____

Secretary

Partners doing Business under the firm name of

Party of the Second Part
(If an individual)

Party of the Second Part