



DEKALB COUNTY HIGHWAY DEPARTMENT

Office of
County Engineer
1826 Barber Greene Road
DeKalb, Illinois 60115

NATHAN F. SCHWARTZ, P.E.
County Engineer

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Fax: (815) 756-8705

DeKalb County – Rich Road Pipe Culvert Replacement Request for Quotes

The DeKalb County Highway Department is taking quotes for the removal and replacement of two equivalent round size 72” pipe culverts on Rich Road northwest of DeKalb (see location map).

Please review and return this completed request to our office by 3:00 P.M. on Monday, November 6, 2017.

Quotes may be sent to:

1826 Barber Greene Rd, DeKalb, IL
815-756-8705 (fax)
highway@dekalbcounty.org

Equivalent Round Size 72” Pipe Culvert Complete

This work shall be done in accordance with **Article 542**, **Article 208**, and **Article 281** of the Standard Specifications for Road and Bridge Construction.

This work shall include the removal and disposal of the existing equivalent round size 72” corrugated metal culvert pipes and the replacement with new equivalent round size 72” corrugated metal culvert pipes. The proposed pipes will be dual 60 feet culverts consisting of two 30 feet sections with connecting bands. The pipes have lifting lugs and shall be supplied and delivered to the jobsite by others. The pipes and connecting bands are currently stored at the DeKalb County Highway Department’s yard.

The existing pipes are 16 feet from center to center of the pipes and the proposed pipes shall be 9 feet from center to center. CA 16 or CA 18 shall be used to backfill under the roadway from outside edge of the shoulder to outside edge of the shoulder. The top 12 inches of aggregate backfill shall be CA 6 and be placed and compacted to the same elevation of the bottom of the existing hot mix asphalt. Outside of the shoulders shall be backfilled with excavated material or approved native soil. Seeding shall be done by others.

Riprap shall be placed at both ends of both pipes for the full width of the pipes and extend to a distance 3 feet from the ends of the pipes. The riprap shall be 12 inches thick and shall be RR 3 gradation.

This work shall be paid for per foot of EQUIVALENT ROUND SIZE 72” PIPE CULVERT COMPLETE which shall include saw cutting the existing pavement, removal and disposal of the existing pipe culverts, placement of the new pipe culverts, excavation, backfill, furnish and place embankment as needed, supplying and placing riprap, equipment, material, and labor required to complete the work as described.

Hot Mix Asphalt Surface Course, Mix C, N50

This work shall be done in accordance with **Article 406** of the Standard Specifications for Road and Bridge Construction. No tack coat or prime coat shall be required.

This work shall consist of placing hot mix asphalt over the pipes to the same depth as the surrounding hot mix asphalt. The existing hot mix asphalt roadway is estimated to be 6-8 inches thick. The proposed hot mix asphalt shall be placed in three lifts. The aggregate shoulders shall be completed by others.

This work shall be paid for per ton of HOT MIX ASPHALT SURFACE COURSE, MIX C, N50 which shall include the placement of the hot mix asphalt, all material, labor, and equipment required to complete the work as described.

The County reserves the right to remove the Hot Mix Asphalt Surface Course work from the project if it decides to perform the work in-house.

Traffic Control

The roadway shall be closed to traffic during the work and traffic signs and barricades shall be provided by others. The road shall be closed a maximum of 7 calendar days. Failure to complete the contract work within 7 days will result in liquidated damages being assessed in accordance with **Article 108.09** of the Standard Specifications for Road and Bridge Construction.

All work shall be completed by Wednesday, November 22, 2017.

The Contractor(s) shall pay prevailing wage to employees on this project. The Contractor shall be responsible for obtaining the monthly rate sheet from the Illinois Department of Labor. These sheets are also available at the DeKalb County Clerk's office or at: <http://www.illinois.gov/idol/Laws-Rules/CONMED/Pages/Rates.aspx>.

Item	Quantity	Unit	Unit Cost	Total Cost
Equivalent Round Size 72" Pipe Culvert Complete	120	FT	_____	_____
Hot Mix Asphalt Surface Course, Mix C, N50	35	TON	_____	_____
			Project Total	_____

Company Name

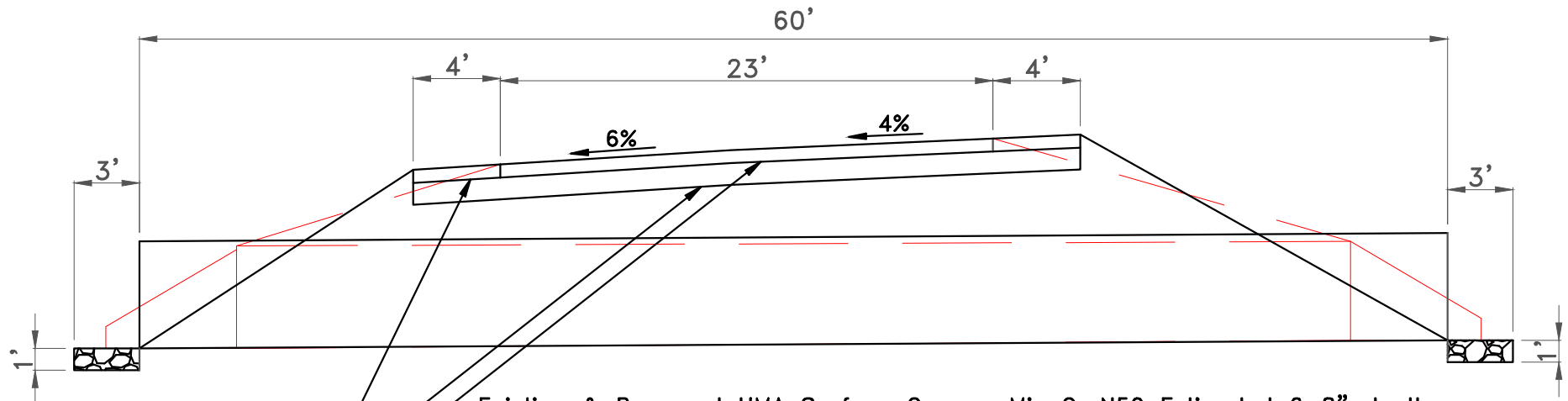
Signature

Address

Date

Phone

Proposed Pipe Culvert, Type 1, ERS 72", 2 runs of two 30 ft sections with connecting bands



- Existing & Proposed HMA Surface Course, Mix C, N50 Estimated 6–8" depth
- Existing & Proposed Aggregate Base Course 12" depth, CA-6
- Proposed Aggregate Shoulder Estimated 6–8" depth by others

East Culvert
Existing Invert 93.23
Proposed Invert 93.23

Existing Culverts 16 ft Center to Center
Proposed Culverts 9 ft Center to Center

East Culvert
Existing Invert 93.61
Proposed Invert 93.61

West Culvert
Existing Invert 93.6
Proposed Invert 93.23

West Culvert
Existing Invert 94.08
Proposed Invert 93.61

2-C

3-A

3-B

3-C

4-A

4-B

D-2

D-3

E-1

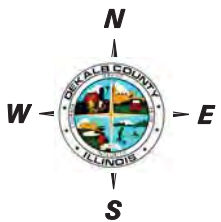
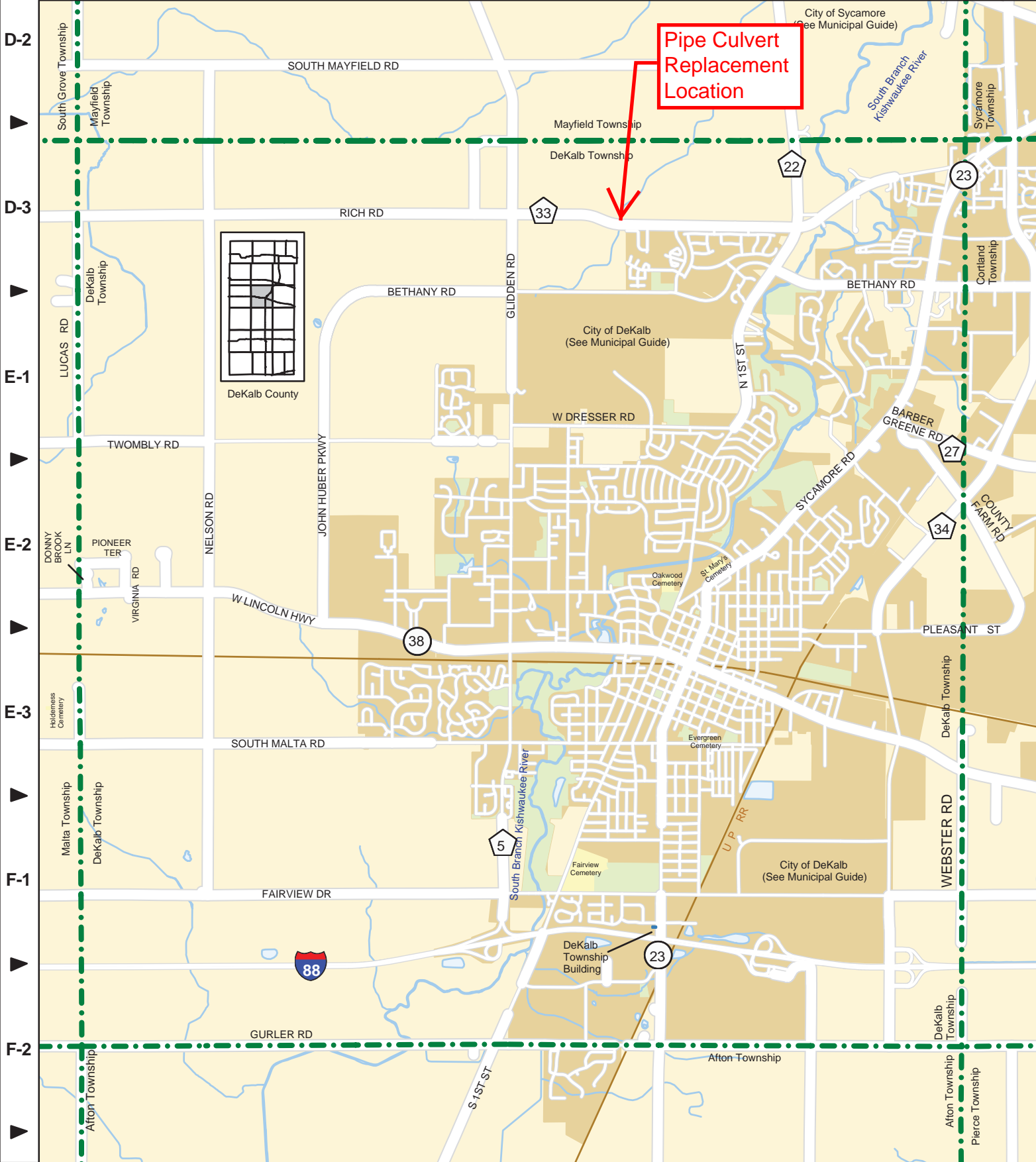
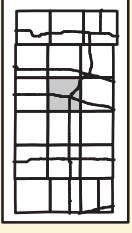
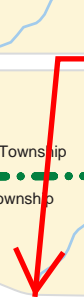
E-2

E-3

F-1

F-2

Pipe Culvert Replacement Location



DeKalb County Government
Information Management Office
200 North Main Street
Sycamore, IL 60178
815-895-1643

view at www.dekalbcounty.org

DeKalb Township

Pop. 46,781



Population data is from the 2010 U.S. Census.

Updated: May 2014 BH
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