

SURVEYOR'S OFFICE
Hamilton County

Kenton C. Ward, CEM
Surveyor of Hamilton County
Phone (317) 776-8495
Fax (317) 776-9628

Suite 188
One Hamilton County Square
Noblesville, Indiana 46060-2230

May 30, 2012

To: Hamilton County Drainage Board

Re: Park Northwestern Drain, AutoZone Relocation

Attached is the petition and plans for the AutoZone Relocation of the Park Northwestern Drain. The relocation is being proposed by AutoZone Development Corporation. This proposed relocated drain is located in Clay Township. The proposal is to extend the existing twin 36" RCP drains that run under Northwestern Drive so a sidewalk can be placed along the roadway, as shown on sheet C1.5a of the construction plans for AutoZone Shore #4533, by Innovative Engineering & Consulting Inc., dated October 14, 2011, and having job number 10114.

This line will consist of the following: the end sections on the twin pipes, known as structure 6 per the Park Northwestern reconstruction plans, will be removed and new structure 10 and 12 per the AutoZone plans will be placed at the end of the original pipes. From there, 26 feet of 36" RCP will be ran and the existing end sections will be placed back on the new pipes as structures 11 and 13 per the new plans. The footages below describe the drain:

36" Twin RCP 26 feet

The total length of new tile shall be 26 feet. This proposal will add 26 feet to the drains total length.

The petitioner has provided the Performance Bond as follows:

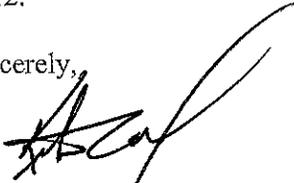
Bonding Company: Travelers Casualty and Surety Company of America
Bond Number: 105659458
Bond Date: October 24, 2011
Bond Amount: \$14,040.00

The cost of the relocation is to be paid by AutoZone Development Corporation.

The easement on lot 1 for this new drain shall be as shown on the secondary plat for Park Northwestern as recorded in the Office of the Hamilton County Recorder, as shown in plat book 8, pages 128 to 132. The easement on lot 2 shall be as described in the easement document recorded as instrument number 2004-040095 in the Office of the Hamilton County Recorder.

I recommend that the Board set a hearing for this proposed reconstruction/relocation for July 23, 2012.

Sincerely,

A handwritten signature in black ink, appearing to read 'K. Ward', written over the word 'Sincerely,'.

Kenton C. Ward, CFM
Hamilton County Surveyor

KCW/pll

Park Northwestern Drain #136

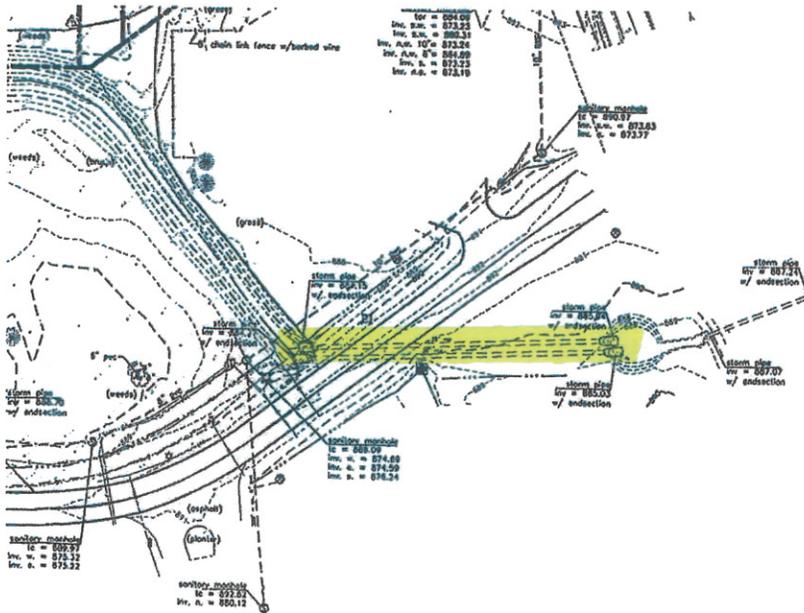
Extending twin 36" RCP drains that run under Northwestern Drive so a sidewalk can be placed along the roadway. The new tile shall be 26 feet.

*Cost of relocation to be paid by Auto Zone Dev. Corp.

Easement shall be shown on plat.

Hearing: July 23, 2012

| Parcel | Owner | Desc | Ben Ac | Asmt Amt | % of Total |
|------------------------|---|-----------------------------|---------|----------|------------|
| 17-13-07-00-01-001.000 | Lexington Limited Liability Co. | Park Northwestern Lot 1 | One Lot | * | 33.33% |
| 17-13-07-00-01-002.000 | KRG Development LLC | Park Northwestern Lot Pt2 | One Lot | * | 33.33% |
| 99-99-99-99-99-999.005 | City Of Carmel, Dept. of Administration | S7 T17 R3, Northwestern Dr. | n/a | * | 33.33% |
| | | | | | 100.00% |



OUTSIDE SURVEYOR NOTE:
 SURVEY AND BOUNDARY INFORMATION PROVIDED BY AMERICAN CONSULTING INC., PER JOB NUMBER 2002083, DATED 11/15/02.

UTILITY STATEMENT:
 The underground utilities shown have been located from field survey information and existing drawings. The surveyor makes no guarantee that the underground utilities comprise all such utilities in the area, either in-service or abandoned. The surveyor further does not warrant that the underground utilities shown are in the exact location indicated although the surveyor does certify that they are located as accurately as possible from information available. The surveyor has not physically located the underground utilities.

BENCHMARKS:

BM #10
 S.W. BOLT OF FIRE HYDRANT ON E. SIDE OF MICHIGAN ROAD, 150' ± S. OF 106TH STREET, WEST OF WALGREENS (MICHIGAN ROAD PROJECT)
 ELEV = 893.60

BM #22
 A CHASED "X" ON TOP OF CURB ON S. SIDE NORTHWESTERN DR., 300' ± W. OF MICHIGAN ROAD, N. SIDE CURB ISLAND ENTRANCE TO NORTHWEST PLAZA
 ELEV = 891.30

BM #28
 A CHASED "X" ON S. SIDE CONC. LIGHT POLE BASE, S. SIDE PEARSON FORD DEALERSHIP, N. SIDE OF 106TH STREET, E. SIDE OF ENTRANCE DRIVE, 400' ± W. OF MICHIGAN ROAD.
 ELEV = 898.25

WESTON & MICHIGAN
 106TH & MICHIGAN
 CARMEL, IN

EXHIBIT 1 - E
TIME OF CONC

DWN BY: KRB
 CHKD BY: DRM
 SCALE: NONE
 DATE: 11/26/03

PROJECT NUMBER
03-188

DESIGN PHASE
DEVELOPMENT

PLAN NUMBER
EXHIBIT 1
 SHEET OF

Existing Pipe Capacity / Slope Verification.

North Pipe $\Delta \text{Elev} = 884.15 - 885.04 = 0.89'$
 $L = 232$ (Length Scaled from Exhibit 1 of Weston Park Report)
 $S = 0.89 / 232 = 0.0038 \text{ Ft./Ft.}$

South Pipe $\Delta \text{Elev} = 884.27 - 885.03 = 0.76'$
 $L = 237$
 $S = 0.76 / 237 = 0.0032 \text{ Ft./Ft.}$

Proposed Slope of 1.1% ± will be more than adequate to pass existing flows.