

**CITY OF DELAWARE  
PARKING AND SAFETY COMMITTEE  
AGENDA  
DELAWARE CITY COUNCIL CHAMBERS  
1 S. SANDUSKY ST.  
7:30 P.M.**

NOVEMBER 16, 2015

1. ROLL CALL
2. APPROVAL of the Motion Summary of the Parking and Safety Committee meeting held August 17, 2015, as recorded and transcribed.
3. PUBLIC COMMENT
4. DISCUSSION:
  - A. The Installation of Accessible Pedestrian Signals at the Intersection of Sandusky Street and William Street.
  - B. The Installation of Multi-Way Stop Signs at North Liberty Street and Fountain Avenue.
  - C. The Re-Location of “No Parking From Here to Corner” signage at South Washington Street and West Harrison Street; Extending Current Signage beyond the Driveway Located at 78 West Harrison Street.
  - D. The Installation of “No Parking” Signage on One Side of Ballater Drive; Glenross Golf Club, Section 2.
6. COMMITTEE COMMENTS
7. ADJOURNMENT

**PARKING AND SAFETY COMMITTEE  
MOTION SUMMARY  
August 17, 2015**

ITEM 1. ROLL CALL

Chairman Shafer called the meeting to start at 7:00 p.m.

Members Present: Councilman Chris Jones and Chairman Kent Shafer

Members Absent: Vice-Chairwoman Lisa Keller

Staff Present: Bill Ferrigno, Public Works Director, Bruce Pijanowski, Police Chief, John Donahue, Fire Chief, and Jessica Ormeroid, Project Engineer

**Motion to Excuse:** Mr. Jones moved to excuse Vice-Chairwoman Keller, seconded by Chairman Shafer. Motion approved with a 2-0 vote.

ITEM 2. APPROVAL of the Motion Summary of the Parking and Safety Committee meeting held May 18, 2015, as recorded and transcribed.

**Motion:** Mr. Jones moved for the approval of the Motion Summary of the Parking and Safety Committee meeting held May 18, 2015, seconded by Chairman Shafer. Motion approved by a 2-0 vote.

ITEM 3. PUBLIC COMMENT

Keith & Denise Falzone  
67 Troy Road  
Delaware, Ohio 43015

Mr. Falzone requested consideration of amending the current city ordinance to limit the amount of dogs that may reside in household residence. Mr. Falzone requested consideration of an amended ordinance that focuses on the condition of the animals. Chairman Shafer requested staff provide research at the next Parking and Safety Committee meeting.

ITEM 4. DISCUSSION

A. The Relocation of "No Parking From Here to Corner" signage located on North Liberty Street, just south of Griswold Street at the property 125 North Liberty Street.

Ms. Ormeroid discussed the research conducted on a resolution in 1987. Discussed no current issues of relocation of the signage by staff.

PUBLIC COMMENT:

Roger Koch  
125 North Liberty Street  
Delaware, Ohio 43015

Mr. Koch voiced his concern regarding the lack of parking for the rental house next to his property and that there are many cars parked in front of his property.

Stephanie Merkel  
147 North Liberty Street  
Delaware, Ohio 43015

Ms. Merkel her voiced concerns over the sharp turn onto Liberty and that without the current signage it will be difficult to make a turn and get around parked cars. Ms. Merkel stated her concerns on the amount of cars that are parked from the rental property and the repeated calls to this residence to the police.

Ms. Merkel and Mr. Koch in agreement to have signage moved back to the property lines.

**Motion:** Mr. Jones moved to move back “No Parking from Here to Corner” to signage property lines based on staff evaluations, seconded by Mr. Shafer. Motion approved by a 2-0 vote.

B. Lofton Circle Parking Restrictions

Chief Donahue provided a history of the requests for parking restrictions and recommend to staff that current legislature remain in effect. Chief Donahue discussed the challenges to maneuver EMS and Fire Department vehicles through the street if parking is available on both sides. Chief Donahue discussed the need for outriggers to stabilize the ladder truck and provided photograph of the ladder truck with extended outriggers parked on Lofton Circle to demonstrate the space required. Chief Donahue clarified that the request was to allow parking on both sides and that staff recommends that current legislation remain.

PUBLIC COMMENT:

Charles Craun  
224 Lofton Circle  
Delaware, Ohio 43015

Mr. Craun reported that for the past 12 years that there has never been a concern regarding which side residents parked on. Mr. Craun discussed

similar streets that allow parking on both sides.

Mr. Jones voiced his concern over the inconsistency to allow parking on both sides with same dimensions of the street.

Chairman Shafer stated his reluctance to make changes that is not agreeable to the Fire Chief.

Shane Meade  
242 Lofton Circle  
Delaware, Ohio 43015

Mr. Meade requested that the Fire Chief use the outriggers on driveways to allow for more room and to consider parking restriction times.

Mr. Jones recommend that residents present their request in front of Council for consideration but that at this time he recommends following the Fire Chiefs recommendations.

Lyndon Kline  
237 Lofton Circle  
Delaware, Ohio 43015

Mr. Kline requested that the current parking restrictions be removed and that residents can move vehicles in the event of an emergency. Chief Donahue explained the time delay this action could create.

C. East Lincoln Alley-one way request

Chief Pijanowski reviewed the request by Councilman Brush related to an automobile accident and explained that through the investigation the crash was due to an obstructed view related to a moving truck.

D. Delaware County Courthouse-request to eliminate parking, convert alley to one way

Mr. Ferrigno discussed potential plans to eliminate parking on Sandusky Street in front of the courthouse. A discussion was held regarding the consideration of eliminating parking is due to cosmetics or security. Mr. Ferrigno explained that request is not currently a formal request and that recommendation of Parking and Safety Committee can be provided to Planning Commission or request that applicant come before this Committee.

Chairman Shafer recommended that this be presented to Planning Commission and if there is a favorable condition by Planning Commission than there needs to be further discussion and review for the Parking and Safety Committee.

Chairman Shafer stated that eliminating parking in front of the courthouse should be for security reasons only.

E. Renaming US 23 Access Rd-Cheshire to Kingman Hill Drive

Mr. Ferrigno discussed and provided information on the road's easement access and provided location of the road and the five homes that are on the road. Mr. Ferrigno indicated that the Township and ODOT are in agreement to the changing of the road name, as well as, four out of the five homeowners. Mr. Ferrigno discussed the fifth homeowners concern that the city may rezone the road.

Mr. Ferrigno discussed the process of changing the street name with the post office. Mr. Ferrigno recommended that further discussions be held with the homeowner to address concerns.

**Motion:** Mr. Jones moved to table the renaming of US 23 Access Rd until the next Parking & Safety Committee meeting, seconded by Chairman Shafer. Motion approved with a 2-0 vote.

F. Renaming East Point Crossing to Public Works Way

Mr. Ferrigno discussed the benefit to the proposed name change to allow for easier identification of the Public Works Department. Mr. Ferrigno indicated that ODOT has no concerns with the proposed name change but that owner of the Stop-N-Go did voice opposition to the name change. Mr. Ferrigno read into the record a response from Stop-N-Go discussing that the street name should not be inclusive to one business that share the road.

**Motion:** Mr. Jones moved to table the renaming of East Point Crossing until the next Parking & Safety Committee meeting, seconded by Chairman Shafer. Motion approved with a 2-0 vote.

G. Traffic Calming Regulations-Proposed Modifications

Mr. Ferrigno discussed proposed modifications and explained changes to the public process for notification to affected residents. Mr. Ferrigno discussed the importance to use technology to increase public participation and awareness and to also ensure residents are receiving the correct information.

Chairman Shafer recommended that modifications be reviewed by the City Manager's office to determine outcome.

H. Downtown Parking ADA Adjustments

Ms. Ormeroid discussed the various locations of handicap stalls with

obstructions and the recommended required changes and relocated designations. Ms. Ormeroid proposed the need to swap spaces of handicap spaces to locations with no obstructions.

**Motion:** Mr. Jones moved that adjustments for downtown parking ADA adjustments are reviewed with staff and move forward with staff recommendations, seconded by Chairman Shafer. Motion approved by a 2-0 vote.

I. Parking restrictions on Bruce Rd

Chief Pijanowski reviewed the two parts of the request. The first request is to restrict parking on one side of Bruce Rd. The second request is to have a "No Parking" restriction sign to move back on Bruce Rd to allow for better line of sight. Chief Pijanowski reviewed current legislature that allows for parking on both sides of Bruce Rd.

PUBLIC COMMENT:

Teresa and Dale Wilgus  
241 Tudor Drive  
Delaware, Ohio 43015

Mr. Wilgus voiced his concern on trying to turn onto Hills Miller Road when a truck is parked near the corner. Mr. Wilgus stated that with street congestion this makes it a safety concern with kids playing in the road, as well as, with EMS vehicles having unobstructed access.

Alice Stover  
259 Tudor Drive  
Delaware, Ohio 43015

Ms. Stover voiced her concern over EMS access with street congestion.

Robert Smith  
247 Tudor Drive  
Delaware, Ohio 43015

Mr. Smith voiced his concern that congestion on street parking makes it difficult for snow removal by city vehicles.

Noah Stover  
259 Tudor Drive  
Delaware, Ohio 43015

Mr. Stover discussed need to reduce speed limit to 20 mph. Mr. Ferrigno discussed that 25 mph is the statutory speed limit by the Ohio Revised Code.

**Motion:** Mr. Jones moved that “No Parking” signage is relocated from north east corner on Bruce Rd & Hills Miller back to the first driveway, seconded by Chairman Shafer. Motion approved by a 2-0 vote.

**Motion:** Mr. Jones moved that “No Parking” signs are installed on the west side of Bruce Rd, seconded by Chairman Shafer. Motion approved by a 2-0 vote.

ITEM 6. COMMITTEE COMMENTS

Mr. Jones stated concerns over the patio seating of downtown businesses and obstructions around the patio make it difficult to use the sidewalks.

ITEM 7. ADJOURNMENT

**Motion:** Mr. Jones moved to adjourn the meeting. The Parking and Safety Committee meeting adjourned at 8:51 p.m.

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Kent Shafer, Chairman

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Elaine McCloskey, Clerk

**Julie Elke**

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**From:** Jessica Ormeroid  
**Sent:** Thursday, October 15, 2015 9:06 AM  
**To:** Julie Elke  
**Subject:** FW: Accessible Pedestrian Signals Requested William-Sandusky

Please add to the P&S agenda.

Thanks,

*Jessica A. Ormeroid, PE, PTOE  
 Project Engineer II  
 City of Delaware, Ohio  
 Public Works Department  
 Division of Traffic & Engineering Services  
 440 East William Street  
 Delaware, Ohio 43015  
 (740)203-1724 Office  
 (740)203-1749 Fax*




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**From:** Jessica Ormeroid  
**Sent:** Wednesday, October 14, 2015 9:52 AM  
**To:** Bill Ferrigno; Matt Weber  
**Subject:** Accessible Pedestrian Signals Requested William-Sandusky

Bill & Matt,

This morning I spoke with Kelly Krispinsky, an Orientation and Mobility Specialist, whom is working with a blind student that attends St. Mary's school. This student is 9-years old and will be walking to/from school to her father's office located at OWU. Ms. Krispinsky is requesting that the pedestrian signals at William-Sandusky be upgraded to Accessible Pedestrian Signals (APS) to make the crossing safe for the student. The student also crosses at William-Union but she is not as concerned with this crossing since Union St. is the minor road of the intersection and is low volume. Ms. Krispinsky also offered to come in to meet with us if needed.

If okay, I would like to add this topic to the P&S pre-meeting agenda to inform/discuss this request with the group. I will also begin doing more research on what would be required for this installation along with the costs to potentially put in the 2016 budget. Please let me know your thoughts.

Thanks,

*Jessica A. Ormeroid, PE, PTOE  
 Project Engineer II  
 City of Delaware, Ohio  
 Public Works Department  
 Division of Traffic & Engineering Services  
 440 East William Street*

**Julie Elke**

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**From:** Jessica Ormeroid  
**Sent:** Wednesday, October 21, 2015 1:07 PM  
**To:** Julie Elke  
**Cc:** Bill Ferrigno; John Donahue; Matt Weber; Charles Dukes; Linda Mathews; Bruce Pijanowski  
**Subject:** RE: October 29, 2015 Pre Meeting Agenda.doc  
**Attachments:** Broadview Chase Dr..pdf

Not on agenda

Julie,  
→ Please add Broadview Chase Dr. to the P&S list. There are issues with cars parking in t-turnaround and our Refuse trucks not being able to turnaround. See attachment.

Thanks,

Jessica A. Ormeroid, PE, PTOE  
Project Engineer II  
City of Delaware, Ohio  
Public Works Department  
Division of Traffic & Engineering Services  
440 East William Street  
Delaware, Ohio 43015  
(740)203-1724 Office  
(740)203-1749 Fax



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**From:** Jessica Ormeroid  
**Sent:** Wednesday, September 30, 2015 8:21 AM  
**To:** Julie Elke  
**Cc:** Bill Ferrigno; John Donahue; Matt Weber; Charles Dukes; Linda Mathews; Bruce Pijanowski  
**Subject:** RE: October 29, 2015 Pre Meeting Agenda.doc

Julie,

Please add the following topics:

Not on agenda

→ **Broadview Chase Dr. Parking in T-turnaround:** Issue with cars parking in t-turnaround and our Refuse trucks not being able to turnaround. See attachment.

on agenda

**N. Liberty St & Fountain Ave Multi-way Stop:** This topic has been discussed in the past. We conducted updated vehicle/ped counts in August once school was back in session. I will be conducting a new multiway stop analysis prior to the meeting and will report my findings to the group.

Thanks,

Jessica A. Ormeroid, PE, PTOE



Street:		Fountain Ave						
Date:		8/13/2015						
Location:		East of N Liberty St						
Date	Time	Westbound	Eastbound	Total				
8/13/2015	11:00	18	12	30				
8/13/2015	12:00	22	29	51				
8/13/2015	13:00	21	12	33				
8/13/2015	14:00	29	21	50				
8/13/2015	15:00	15	24	39				
8/13/2015	16:00	15	8	23				
8/13/2015	17:00	23	26	49				
8/13/2015	18:00	19	18	37				
8/13/2015	19:00	9	12	21				
8/13/2015	20:00	12	13	25				
8/13/2015	21:00	4	8	12				
8/13/2015	22:00	4	4	8				
8/13/2015	23:00	3	2	5				
8/14/2015	0:00	3	1	4				
8/14/2015	1:00	4	0	4				
8/14/2015	2:00	2	0	2				
8/14/2015	3:00	1	0	1				
8/14/2015	4:00	2	1	3				
8/14/2015	5:00	2	3	5				
8/14/2015	6:00	8	6	14				
8/14/2015	7:00	28	42	70				
8/14/2015	8:00	8	31	39				
8/14/2015	9:00	20	8	28				
8/14/2015	10:00	14	16	30				
					<b>ADT (8/13/15)</b>	<b>583</b>		



Total Hours 25  
 Total Vehicles 2387  
 Average ADT 2291.52

School Zone Speed Limit: 20 MPH  
 Speed Limit: 25 MPH  
 85th percentile: 30 MPH

Date	Time	Northbound	Southbound	Total
8/13/2015	10:00	59	37	96
8/13/2015	11:00	55	56	111
8/13/2015	12:00	41	58	99
8/13/2015	13:00	70	48	118
8/13/2015	14:00	73	104	177
8/13/2015	15:00	132	70	202
8/13/2015	16:00	138	83	221
8/13/2015	17:00	98	89	187
8/13/2015	18:00	84	70	154
8/13/2015	19:00	61	45	106
8/13/2015	20:00	41	36	77
8/13/2015	21:00	27	13	40
8/13/2015	22:00	18	12	30
8/13/2015	23:00	6	5	11
8/14/2015	0:00	4	1	5
8/14/2015	1:00	4	0	4
8/14/2015	2:00	1	1	2
8/14/2015	3:00	2	0	2
8/14/2015	4:00	1	7	8
8/14/2015	5:00	7	27	34
8/14/2015	6:00	139	89	228
8/14/2015	7:00	48	130	178
8/14/2015	8:00	45	46	91
8/14/2015	9:00	50	55	105
8/14/2015	10:00	38	63	101

85th Percentile for 3:00 Hour: 30 MPH

85th Percentile for 8:00 Hour: 27 MPH

Hourly Speed Breakdown

	1-10 MPH	11-12 MPH	13-14 MPH	15-16 MPH	17-18 MPH	19-20 MPH	21-22 MPH	23-24 MPH	25-26 MPH	27-28 MPH	29-30 MPH	MPH
2	0	0	0	0	0	0	0	1	8	13	10	10
0	0	0	0	1	0	0	0	3	8	10	15	10
0	0	0	0	0	0	0	1	2	3	8	9	13
0	0	0	0	0	1	1	1	5	10	9	15	14
0	0	1	0	0	3	7	10	15	19	9	7	7
0	0	0	0	1	2	3	7	13	30	32	23	23
0	0	0	0	0	1	1	1	1	18	23	51	51
3	0	1	1	0	0	1	2	1	13	15	25	25
1	0	1	1	0	2	0	1	3	10	9	26	26
1	1	1	0	0	0	2	1	1	9	16	11	11
0	0	0	0	0	1	0	1	6	2	11	12	12
0	0	0	0	0	0	0	0	0	9	5	3	3
0	0	0	0	0	0	0	0	0	4	6	6	6
1	0	0	0	0	0	1	0	0	4	1	1	1
0	0	0	0	0	0	0	0	0	3	3	1	1
0	0	1	0	0	0	0	0	0	0	0	2	2
0	0	0	0	0	0	0	0	0	0	1	3	3
0	0	0	0	0	0	0	0	0	0	0	1	1
0	0	0	0	0	0	0	0	0	0	1	1	1
0	0	0	0	0	0	0	0	1	0	1	0	0
0	0	0	1	0	0	0	0	1	12	26	35	35
0	1	0	0	2	2	7	7	10	8	5	6	6
0	0	0	0	0	1	1	4	2	12	15	8	8
1	0	0	0	0	1	3	3	8	8	8	8	8
0	0	0	0	0	1	1	4	2	12	15	3	3



4-B

	57-58 MPH	59-60 MPH	61-62 MPH	63-64 MPH	65-66 MPH	67+ MPH	Totals
	0	0	0	0	0	0	59
	0	0	0	0	0	0	55
	0	0	0	0	0	0	41
	0	0	0	0	0	0	70
	0	0	0	0	0	0	73
	0	0	0	0	0	0	132
	0	0	0	0	0	0	138
	0	0	0	0	0	0	98
	0	0	0	0	0	0	84
	0	0	0	0	0	0	61
	0	0	0	0	0	0	41
	0	0	0	0	0	0	27
	0	0	0	0	0	0	18
	0	0	0	0	0	0	6
	0	0	0	0	0	0	4
	0	0	0	0	0	0	4
	0	0	0	0	0	0	1
	0	0	0	0	0	0	2
	0	0	0	0	0	0	1
	0	0	0	0	0	0	7
	0	0	0	0	0	0	139
	0	0	0	0	0	0	48
	0	0	0	0	0	0	45
	0	0	0	0	0	0	50



4-B

November 4, 2015

Resident  
W. Fountain Avenue.  
Delaware, OH. 43015

Dear Resident:

The Parking & Safety Committee recently met at a Parking & Safety "Pre-Meeting" and discussed a request for the installation of multi way stop signs at the intersections North Liberty Street and West Fountain Avenue.

The committee determined that this topic would be further discussed at the quarterly meeting this month. We would like to invite you to this meeting to discuss your concerns surrounding your request. Although it is not required you be present, we do hope that you consider attending this meeting if you are able.

The Parking & Safety Meeting will be held on Monday, November 16, 2015 in Council Chambers, 1 South Sandusky St., City Hall, at 7:30 pm.

If you have questions, please feel free to contact me at 740.203.1101.

Sincerely,

Bruce L. Pijanowski, Chief of Police  
Delaware Police Department

4-c

## Julie Elke

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**From:** pwcs  
**Sent:** Monday, August 31, 2015 4:04 PM  
**To:** Bruce Pijanowski  
**Cc:** Julie Elke  
**Subject:** FW: Requesting No Parking Sign for driveway

Bruce,

A request for a No Parking sign, can this be included with the next Parking & Safety pre-meeting agenda please?  
Thanks.

Linda

**From:** Laura Stewart [<mailto:laurastewart21110@gmail.com>]  
**Sent:** Monday, August 31, 2015 4:00 PM  
**To:** pwcs  
**Subject:** Requesting No Parking Sign for driveway

Delaware City,

My name is Laura and I live on the corner of Washington and West Harrison St next to Woodward Elementary. We have quite a bit of trouble with people blocking our driveway around the time school lets out. I have told/asked whoever is parked there that day, they can't park at the end of my driveway blocking us from getting out or my husband from getting in that gets home from work at that time. We have also called Delaware city police station like we were told to do every time, but an officer never makes it here in time. I feel bad calling them anyway because I know they are busy. Its just very frustrating for myself and our family. We would like to request a no parking sign to be place in our driveway in hopes that it will prevent anyone from parking/blocking our driveway. Thank you for taking the time to listen to me and I look forward to hearing from you.

Thank you,

Laura

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This message may contain confidential and/or proprietary information and is intended for the person/entity to whom it was originally addressed. Any use by others is strictly prohibited.



4-c

November 4, 2015

Ms. Laura Stewart  
78 West Harrison Street  
Delaware, Ohio 43015

Dear Ms. Stewart:

Your request has been received regarding the parking situation in front of your driveway. Staff has discussed your request and has decided to add this topic to the agenda at our upcoming Parking and Safety Meeting.

You are welcome to attend this meeting and present your views in regards to this request to the Parking and Safety Committee Members. This meeting will be held on Monday, November 17, 2015 at 7:30 p.m. in City Council Chambers; 1 South Sandusky Street, Delaware, Ohio.

Sincerely,

Bruce L. Pijanowski, Chief of Police  
Delaware Police Department

4-D

**Julie Elke**

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**From:** Jessica Ormeroid  
**Sent:** Wednesday, October 21, 2015 7:20 AM  
**To:** Julie Elke  
**Subject:** FW: Glenross Golf Club Sec. 2, Ballater Drive Parking Restrictions

Julie,

Below is an email from Mr. Bonacuse stating what the property owners prefer regarding parking restrictions on Ballater Drive. I will bring copies of this email to the meeting for the group.

Thanks,

*Jessica A. Ormeroid, PE, PTOE  
Project Engineer II  
City of Delaware, Ohio  
Public Works Department  
Division of Traffic & Engineering Services  
440 East William Street  
Delaware, Ohio 43015  
(740)203-1724 Office  
(740)203-1749 Fax*



**From:** Thomas Bonacuse [mailto:tpbonacuse@gmail.com]  
**Sent:** Tuesday, October 20, 2015 7:36 PM  
**To:** Jessica Ormeroid  
**Subject:** Re: Glenross Golf Club Sec. 2, Ballater Drive Parking Restrictions

Hi Jessica,

I have discussed the parking issue with all of my neighbors on that curve. We would all prefer parking on both sides, but if that's not possible, we would all prefer parking on the inner curve (southeast) on Ballater. Most of us only have lots that are only 75 feet wide, and the driveways, mailboxes, and fire hydrant don't allow for much parking space. Moreover, all the families on the curve but ours have young children, and they are afraid that parking on our side of the street makes it harder for drivers to see a child darting into the street if there are cars parked there.

If there is no parking on our side of the street, we recommend that signage indicates no parking to 20 feet south of the golf cart path/park entrance on Ballater. We have seen many parents parking right next to that entrance when they are there for tot football or soccer practice.

Please let me know if you have any questions.

Thanks,

4-D

Tom Bonacuse  
614-595-8317

On Sat, Sep 12, 2015 at 8:10 PM, Thomas Bonacuse <[tpbonacuse@gmail.com](mailto:tpbonacuse@gmail.com)> wrote:  
Jessica,

Thanks for your response and the information. I have only talked to one neighbor so far. If there can only be parking on one side, two of us prefer the inner curve for parking and the outer curve (water side) for no parking. I'll let you know what the rest of them think before your staff meeting.

Thanks again.

Tom Bonacuse  
[614-595-8317](tel:614-595-8317)

On Tue, Sep 8, 2015 at 11:45 AM, Jessica Ormeroid <[JOrmeroid@delawareohio.net](mailto:JOrmeroid@delawareohio.net)> wrote:  
Tom,

I apologize for taking so long to get back with you regarding your questions. Please see my responses to your questions in red below. Should you have any other questions, please don't hesitate to call or email.

Thanks,

*Jessica A. Ormeroid, PE, PTOE  
Project Engineer II  
City of Delaware, Ohio  
Public Works Department  
Division of Traffic & Engineering Services  
440 East William Street  
Delaware, Ohio 43015  
[\(740\)203-1724](tel:7402031724) Office  
[\(740\)203-1749](tel:7402031749) Fax*



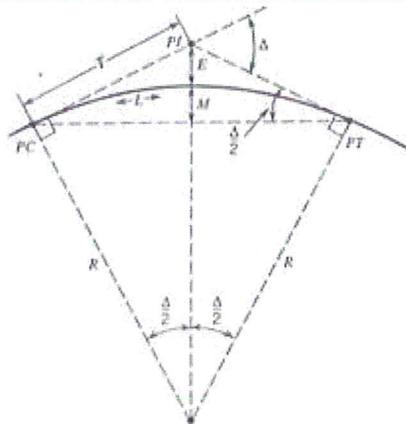
**From:** Thomas Bonacuse [<mailto:tpbonacuse@gmail.com>]  
**Sent:** Monday, August 24, 2015 11:53 PM  
**To:** Jessica Ormeroid  
**Subject:** Re: Glenross Golf Club Sec. 2, Ballater Drive Parking Restrictions

Hi Jessica,

Thanks for spending so much time with me on the phone this morning. I had a chance to review the drawings this evening, and I have a few questions.

1. The drawing data appears to show a curve with 77.55 degree arc, a 350 foot radius, a circumferential length of 473.76 feet and a chord length of 438.41 feet. Those numbers all agree, however, I wasn't sure if the T was supposed to be a line perpendicular to the cord ending at the center of the imaginary circle with a radius of 350 feet. If so, that number appears to be incorrect. What is T supposed to be, and is it important? **When we design Curves using AutoCad, the T is the Tangent. Although the City did not**

design this set of plans, I am assuming their consultant's (EMH&T) "T" is referring to the Tangent. Below is a figure identifying the different measurements to a horizontal curve along with the equations on how each measurement is figured. Based on that equation and the other curve data provided for the curve on Ballater Drive, the T=281.18' is correct. These measurements are important and are used when the Contractor is laying out the roadway during construction.



Symbol	Name	Units
PC	Point of curvature, start of horizontal curve	
PT	Point of tangency, end of horizontal curve	
PI	Point of tangent intersection	
D	Degree of curvature	degrees per 100 feet of centerline
R	Radius of curve (measured to centerline)	feet
L	Length of curve (measured along centerline)	feet
Δ	Central (subtended) angle of curve, PC to PT	degrees
T	Tangent length	feet
M	Middle ordinate	feet
LC	Length of long chord, from PC to PT	feet
E	External distance	feet

$$D = \frac{36,000}{2\pi R} = \frac{5729.6}{R}$$

$$L = \frac{100\Delta}{D}$$

$$T = R \tan \frac{1}{2} \Delta$$

$$M = R \left( 1 - \cos \frac{1}{2} \Delta \right)$$

$$LC = 2R \sin \frac{1}{2} \Delta$$

$$E = R \left( \frac{1}{\cos \frac{1}{2} \Delta} - 1 \right)$$

- I could not find any code references for parking guidelines on curves. If they do exist, would you please point me in the right direction? **There is not code that directly references parking guidelines on curves.** Each location is reviewed by a Professional Engineer (PE) during the subdivision plan review stage and a lot of factors are utilized to determine whether or not parking should be restricted. As we discussed, road width (back to back of curb), the radius of the curve, other features near/around the curve (homes, pedestrian paths, parks, etc.) are all factored into this decision. Our goal is to ensure the roadway is safe for all modes of travel (i.e. first responders, vehicles, bikes, pedestrians, golf carts in this particular case, etc.).
- I noticed that the radius of the curve leading up to the curve in front of our house is 750 feet, but there are no parking control signs on that curve. What does the minimum curve radius have to be before considering traffic/parking controls? **The City of Delaware Technical Design Guide, Chapter 7, Roadway Design** establishes minimum centerline radii for various types of roadways based on their classifications. I have attached this chapter of the design guide for your reference. As stated above in response to #2, in addition to the curve radius, there are many factors the weigh into the decision on whether or not parking should be restricted.
- Am I correctly reading the outer curb width of the road to be 32 feet? **Yes, Ballater Drive is 32-feet back of curb to back of curb.**

4-D

5. Are there other examples of similar curves on neighborhood streets in Delaware that we could see for comparison? **One example would be Balmoral Drive which is within your subdivision. It is 32-feet wide back to back of curb with a radius of 400-feet. Another example is the portion of Kitdare Drive near the intersection with Ballater Drive within your subdivision. It is also 32-feet wide back to back of curb with a radius of 355-feet.**
6. As I mentioned on the phone, several neighbors have mentioned that cars parked on the curve help control the speed of traffic. If the city decides that there should be no parking on the curve at all, are there other traffic control alternatives to keep drivers from speeding through that curve? **Chapter 10, Traffic Calming of our design guide addresses various traffic calming measures that can be explored to address speeding issues. I have also attached this chapter for your reference.**

I'll send a follow-up note once I've had a chance to discuss this issue with my neighbors. Thanks again.

Tom Bonacuse  
[614-595-8317](tel:614-595-8317)

On Mon, Aug 24, 2015 at 10:59 AM, Jessica Ormeroid <[JOrmeroid@delawareohio.net](mailto:JOrmeroid@delawareohio.net)> wrote:

Mr. Bonacuse,

Per our phone conversation this morning, I have attached the pertinent plan sheets for Ballater Drive within the Glenross Golf Club Section 2 Subdivision Plans. Sheet 3 of the first attachment contains the street plans for the section of Ballater Drive in which you reside on. The second attachment is the signage and striping plan for the entire Section 2. As we discussed, the parking restrictions along Ballater Drive, in particular the areas around the curves, will be discussed at the next Parking & Safety Pre-meeting on October 29<sup>th</sup>. After the pre-meeting, I will be sure to contact you to provide an update on this topic prior to the Parking & Safety Committee meeting scheduled for November 16<sup>th</sup>.

In the meantime, please feel free to provide me with any questions/concerns/recommendations you may have regarding the parking restrictions along Ballater Drive and I will be sure these are presented to Staff and the Parking & Safety Committee Members. Should you need any additional information or have any questions regarding the attached information, feel free to contact me via email or the number listed below.

Thanks,

*Jessica A. Ormeroid, PE, PTOE*  
*Project Engineer II*  
*City of Delaware, Ohio*  
*Public Works Department*  
*Division of Traffic & Engineering Services*  
*440 East William Street*  
*Delaware, Ohio 43015*  
*(740)203-1724 Office*  
*(740)203-1749 Fax*



4-D

**Julie Elke**

---

**From:** Jessica Ormeroid  
**Sent:** Wednesday, August 19, 2015 1:19 PM  
**To:** Julie Elke  
**Subject:** FW: Glenross Golf Club 2 signage  
**Attachments:** signage and striping.pdf

Julie,

Please add "No Parking Signage located on curves on Ballater Drive" as an item on the next P&S pre-meeting agenda. I have attached the existing signage plan for this road for reference in our discussions. There are discrepancies where "No Parking" zones stop and end around the curves which was brought to our attention by Officer Rodney James.

Thanks,

*Jessica A. Ormeroid, PE, PTOE  
Project Engineer II  
City of Delaware, Ohio  
Public Works Department  
Division of Traffic & Engineering Services  
440 East William Street  
Delaware, Ohio 43015  
(740)203-1724 Office  
(740)203-1749 Fax*



---

**From:** Marion Stephen  
**Sent:** Tuesday, August 18, 2015 4:00 PM  
**To:** Jessica Ormeroid  
**Subject:** Glenross Golf Club 2 signage

Jess,

Here is the signage out there.

Marion Stephen  
Engineering Technician  
City of Delaware, Ohio  
Public Works Department – Division of Engineering Services  
20 E. William Street  
Delaware, Ohio 43015  
740-203-1712

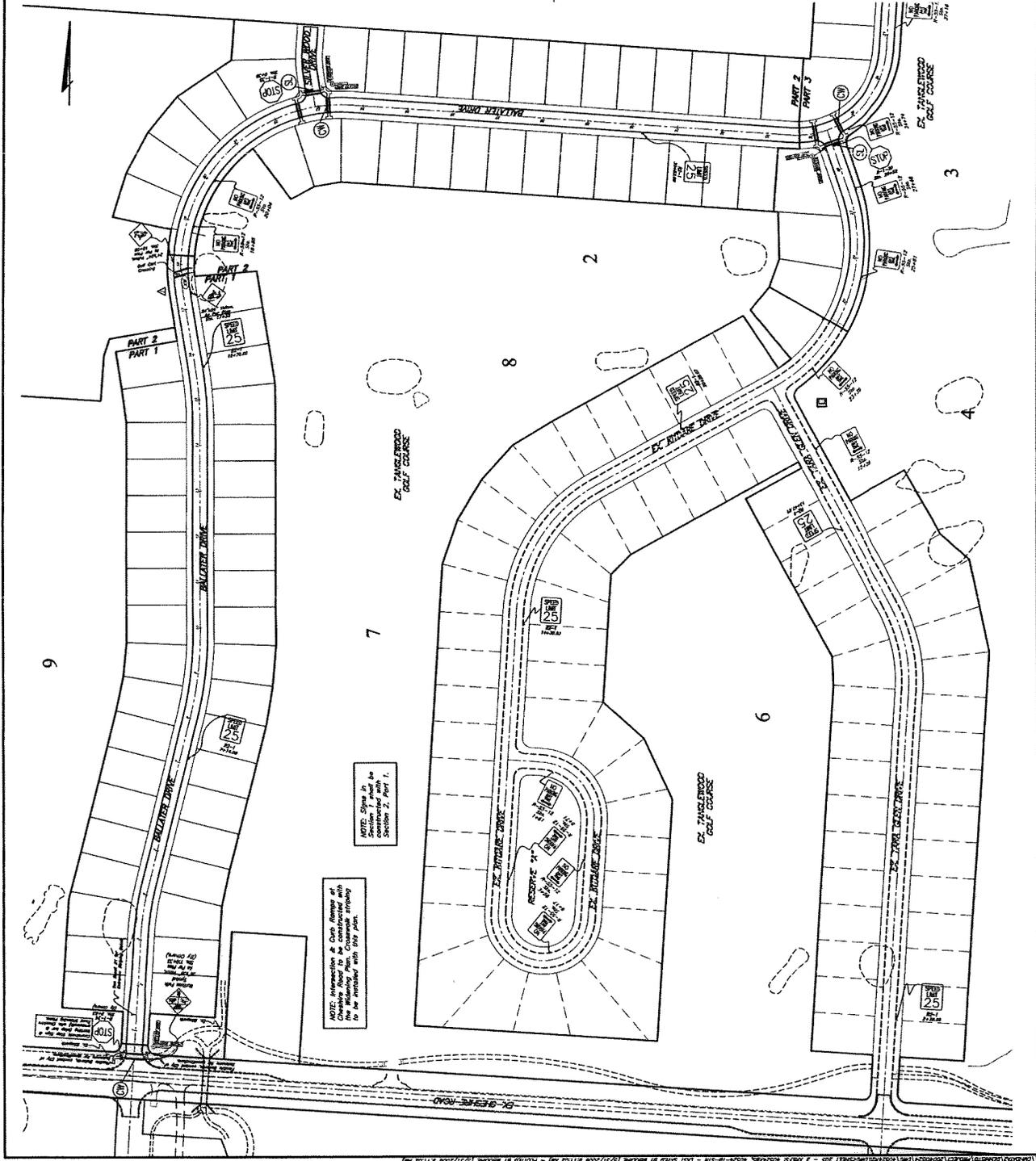
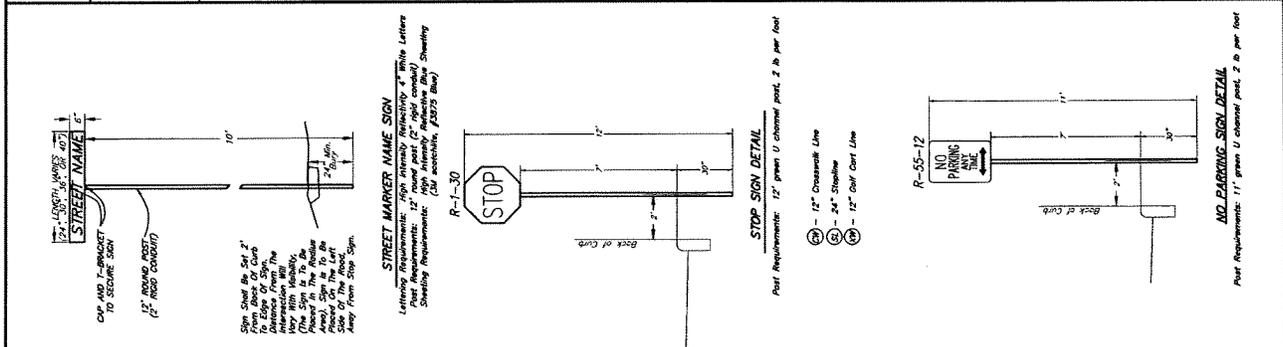


40

REVISED AS CONSTRUCTED PART 1 (10/27/05)

**DOMINION HOMES**  
 10000 W. 10th Street, Suite 100  
 Overland Park, KS 66211  
 Phone: 913.433.1000  
 Fax: 913.433.1001  
 E-mail: dominionhomes@dominionhomes.com

**CITY OF OMAHA**  
 STREET, STORM, WATER AND LIGHTING PLAN  
 PARTS 1, 2 & 3  
 SECTION 2  
**GLENGROSS GOLF CLUB**  
 304 N. 10th Street  
 Omaha, NE 68102  
 Date: July, 2005  
 Sheet: 20127



REVISED AS CONSTRUCTED PART 2 - SECTION 2, PART 3 - 5/30/06



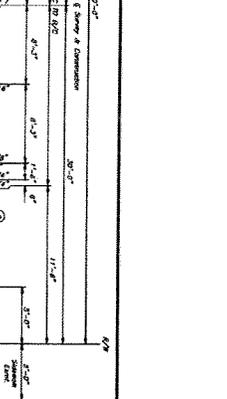
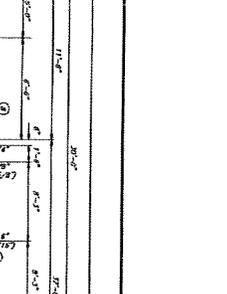
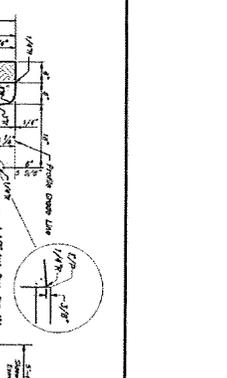
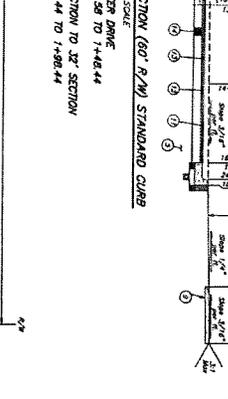
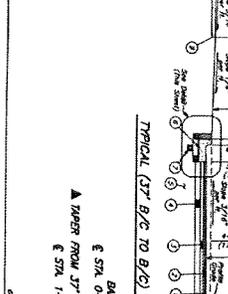
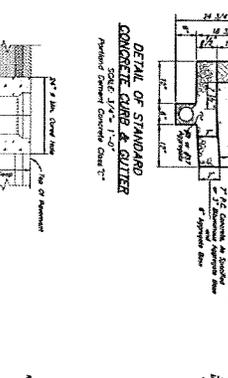
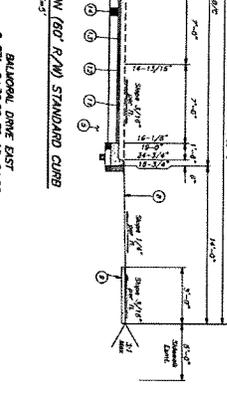
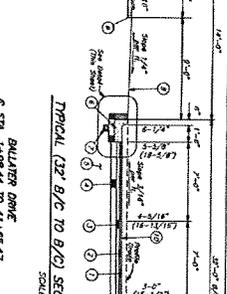
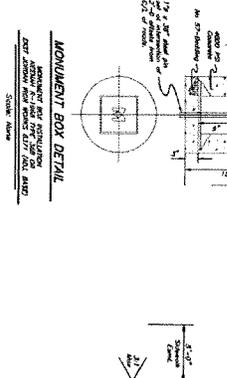
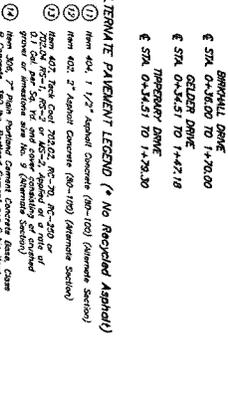
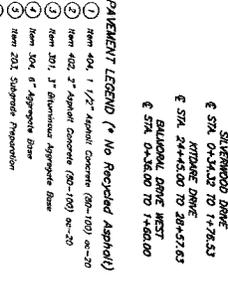
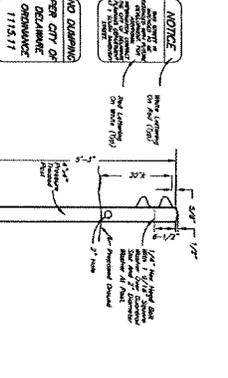
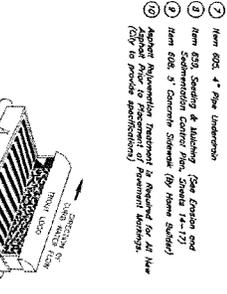
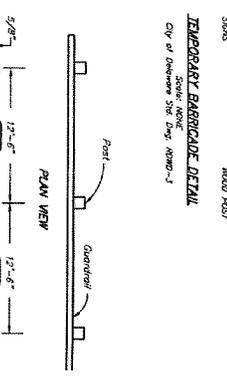
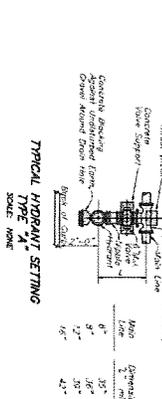
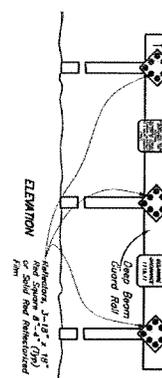
ESTIMATE OF QUANTITIES

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Items Reference The City Of Delaware Construction & Admin. Specifications, latest edition.

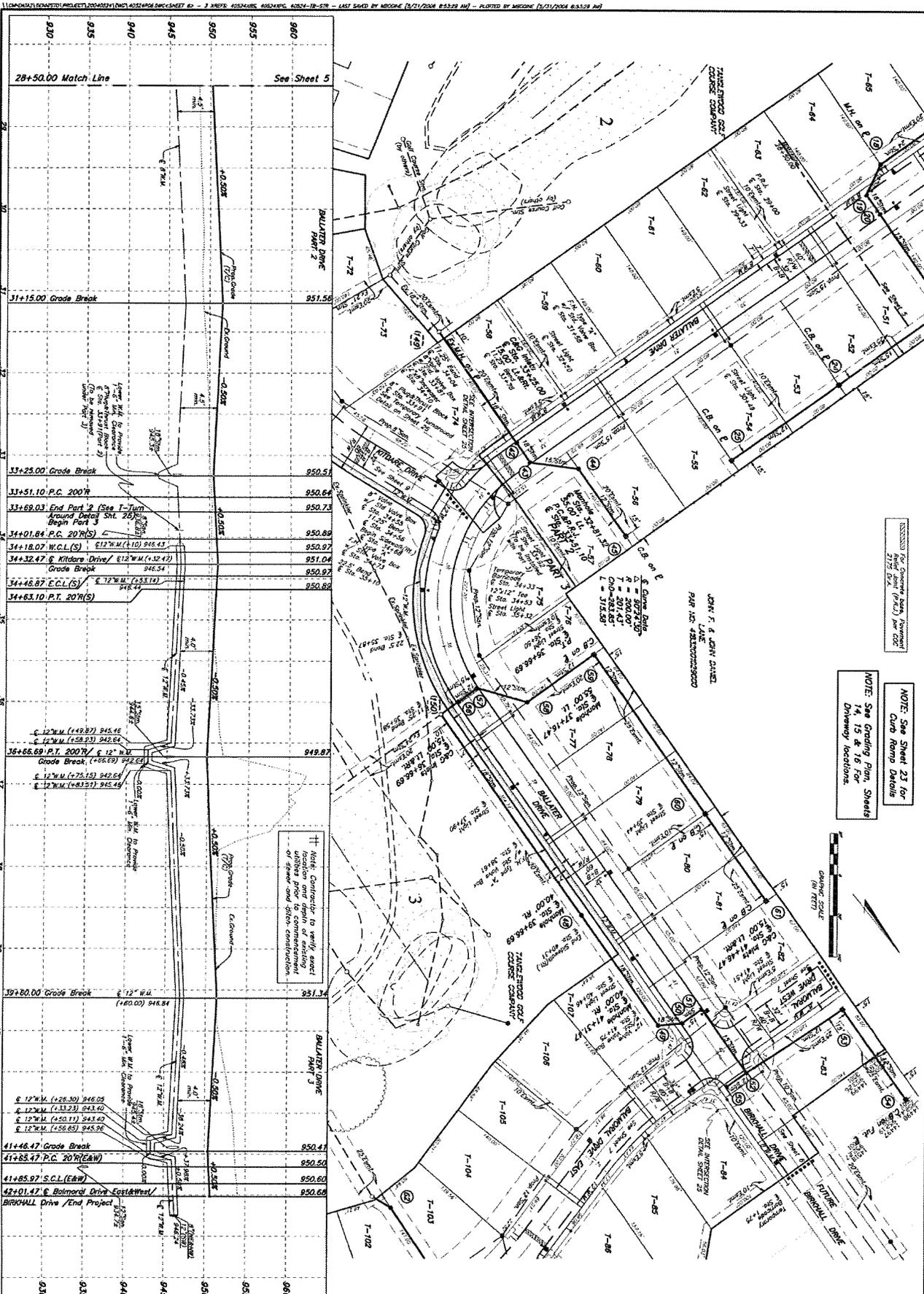
Quantity Shown Intended to assist and is not intended to be a substitute for the contractor's estimate and should be used in conjunction with the project specifications and drawings. The contractor shall be responsible for providing a complete and accurate estimate of quantities and for providing a complete and accurate bill of materials. The contractor shall be responsible for providing a complete and accurate estimate of quantities and for providing a complete and accurate bill of materials.

It shall be completed with a note if satisfactory quantity is provided for the tree work. Quantity \*\* on drawings included with Part Sub Fee and Cost Index has been taken from 7/20/05, as per plan.









REVISED AS CONSTRUCTED

SECTION 2, PART 2 -

SECTION 2, PART 3 - 5/30/06

DESIGNED BY: [Firm Name]  
 DRAWN BY: [Firm Name]  
 CHECKED BY: [Firm Name]

NOTE: See Sheet 23 for  
 C&G RAMP DRAWING

Note: Contractor to verify exact  
 location and depth of existing  
 utilities prior to commencing  
 or after site construction.

NO.	DATE	DESCRIPTION

EVANG. MCKENNEY HAMILTON & TAYLOR, INC.  
 172 MILL STREET  
 GREENSBORO, NC 27409  
 TELEPHONE 336-731-1180  
 FACSIMILE 336-413-0288

PREPARED FOR:  
**DOMINION HOMES**  
 200 Park Crossing Boulevard  
 P.O. Box 999  
 Falls Church, VA 22048-0999

CITY OF DELAWARE  
 STREET, STORM, WATER AND LIGHTING PLAN  
 FOR  
**GLENROSS GOLF CLUB**  
 SECTION 2  
 PARTS 1, 2 & 3  
 PLAN AND PROFILE

Date	JULY 2006	Sheet No.	2004-0524
Scale	Horizontal: 1" = 50' Vertical: 1" = 5'	Sheet	<b>6/27</b>







November 5, 2015

Resident  
Ballater Drive  
Delaware, Ohio 43015

Dear Resident:

The Parking and Safety Committee has received a request to consider the installation of "No Parking" signage on the curved portion of Ballater Drive. The Parking & Safety Committee discussed this request at a recent meeting. This request will be placed on the agenda for our quarterly meeting this month.

You are invited to attend this meeting to express your views or present any questions in regards to this request. The meeting will be held Monday, November 16, 2015 at 7:30 pm in City Council Chambers, City Hall, 1 South Sandusky Street, Delaware, Ohio.

Sincerely,

Bruce L. Pijanowski, Chief of Police  
Delaware Police Department