

Ferguson Township Tree Commission (FTTC)

Date January 28, 2019

Meeting Agenda

Time 5:30pm

Call to Order

Introduction of Scott Pflumm

The FTTC shall welcome Scott Pflumm the newest member of the FTTC. Provide welcome packet to Pflumm.

Election of Chair and Vice Chair

The FTTC shall vote and elect the positions of chair and vice chair for the 2019 year.

November 19th Meeting Minutes

The FTTC shall review and approve the minutes from the November meeting.

Ferguson Township Road Standards

During the SALDO review the FTTC expressed interest in modifying the standard of roads in new development. Examples being narrowing roads for larger planting areas, using more boulevards, etc. The FTTC will have the opportunity to discuss the township road standards with David Modricker, and make recommendations for changes. See attached road standards.

Tree Preservation Ordinance

The FTTC shall discuss the initial steps in preparing a tree preservation ordinance. Factors such as tree canopy coverage and meetings with Dr. Elmendorf should be discussed.

Trees for Township Residents

The FTTC shall discuss the possibility of developing a tree giveaway program for township residents.

Musser Gap to Valleylands Conservation

The FTTC shall discuss how to provide input regarding the conservation of the above property.

2319 Falconpointe Dr

At the November FTTC meeting this item was tabled until the January meeting for further discussion with the Arborist.

Arborist report:

The Arborist will review work activities and plan reviews since the last meeting.

Communications to Commission Members

This is an opportunity for FTTC members to report on any contact by residents regarding FTTC matters.

Future agenda items

2019 C13 Street Tree Planting, Arbor Day 2019, Tree Preservation Ordinance, SALDO/Zoning 5th Draft

Other

Next meeting date and time is February 25th at 5:30pm

**FERGUSON TOWNSHIP TREE COMMISSION
MEETING MINUTES
MONDAY, NOVEMBER 19, 2018
6:00 PM**

I. ATTENDANCE

The Tree Commission held its public meeting on Monday, November 19, 2018 at the Ferguson Township Municipal Building. In attendance were:

COMMISSION:

Howard Fescemyer, Chairperson
Darlene Chivers, Vice-Chairperson
Jerry Learn
Marc McDill
Mike Jacobson

STAFF:

David Pribulka, Township Manager
David Modricker, Public Works Director
Ray Stolinias, Planning & Zoning Director
Jeff Ressler, Zoning Administrator

Others in attendance were: Marcella Bell, Recording Secretary; and Yuanhong Zhu, resident

II. CALL TO ORDER

Dr. Fescemyer called the Monday, November 19, 2018 Ferguson Township Tree Commission meeting to order at 5:39 PM

III. FTTC REVIEW OF SALDO AND ZONING DRAFT ORDINANCES

The FTTC has been tasked with reviewing the current draft ordinances and providing comments. Planning Department staff are in attendance tonight to any questions and take comments. The FTTC shall present their comments on both ordinances and discuss any further review.

Mr. Modricker stated that in reviewing the FTTC comments, he noticed that the comments were general and did not include specific language. He asked if the FTTC wanted the Township's consultant, Environmental Planning and Design (EPD) to develop that language. Ms. Chivers agreed and explained that the FTTC does not have the experience or the technical skills to write that language. She went on to say that if staff and the Board of Supervisors agree with the intent of the comments, then EPD or staff could develop the language to be included in the ordinances. The FTTC then reviewed the collated comments that were provided to Ms. Chivers.

Ms. Chivers stated that the biggest barren spots in any developed area are the parking lots and streets. There was previous discussion about the possibility of lowering the minimum amount of required parking spaces in the Commercial District so that there is more room for vegetation, which would allow for better stormwater management control. She went on to ask that if a developer puts in more vegetation than required, could they put in less parking spaces. Mr. Ressler explained that parking is based on the square footage of the gross floor area of the building. He went on to explain that parking requirements are now located in

the SALDO and not Zoning and it is based on net square footage, which varies by use and by district. Mr. Stolinas added that many of the variances that are requested are relief from parking requirements from areas of the building that are not useable, and the Zoning Hearing Board has recently been granting applicants that relief. Mr. Ressler continued and stated that that some developers want to construct more parking spaces than required. Currently, the landscaping required in parking lots includes landscaping the end of parking isles, parking islands require one tree and other smaller landscaping vegetation, and a total perimeter buffer around the parking is required as well. In addition, a flexible buffer yard is required around the whole perimeter of the property.

Ms. Chivers recommended that the FTTC use information from the Low Impact Development (LID) book to make recommendations for green parking lots through the use of vegetation. Dr. Fescemyer added that there should be islands set up so that stormwater can flow into the islands to be able to sink down or be transpired off (in summer). He also stated that he would like the parking islands to be placed wherever possible, not just at the ends of the parking isles. He added that he would like to have 10-foot wide islands and cars can park on either side of the island, which could run the whole length of the parking lot. Ms. Chivers referred to page 80 of the LID book, parking lot design.

Mr. Stolinas stated that the Board of Supervisors is discussing consistency between the Stormwater Management Ordinance and the draft Sourcewater Protection Ordinance tonight. Some of the FTTC ideas could be implemented through the Stormwater Management Ordinance or possibly through the design standards in the SALDO—Mr. Stolinas will discuss this with Mr. Seybert, the Township Engineer. There was a lengthy discussion regarding detention basins and the notion that trees are not allowed to be planted in detention basins. The FTTC and staff discussed the remaining comments, which included buffer yard lengths in different districts.

Staff will take the FTTC's comments to EPD for possible incorporation into the SALDO and Zoning Ordinance.

IV. DRIVEWAY DAMAGE 2319 FALCONPOINTE DRIVE

Mr. Yaunhong Zhu is in attendance to discuss the tree root damage to his driveway. He stated that there is a tree about a yard away from his driveway, which he believes has caused the cracks in his driveway. He would like to remove the tree since it is too close to the driveway and is causing damage. He stated that he tried to trim the roots but did not want to cause damage to the underground utilities. He provided pictures of the tree and his driveway to the FTTC.

Mr. Modricker stated that past practices for these honey locust trees in the Landings has been to have the Township Arborist look at the tree and driveway and make suggestions to the homeowner on how to remedy the situation that does not cause harm to the tree. In one case many years ago, the Township installed a root barrier and roots that were less than two inches in size could be trimmed, but

if they were larger the Arborist would determine whether or not the root could be cut depending on the health of the tree. Mr. Modricker went on to say that honey locust will propagate, and Mr. Zhu's case is not unusual. However, the Township has never removed a street tree due to driveway issues. Mr. Modricker stated that since Mr. King is not in attendance tonight, the FTTC may want to wait until the next meeting to make a decision.

Mr. Zhu asked if the FTTC would consider moving the tree to another location away from his driveway. Dr. Fescemyer stated that due to the nature of the honey locust, it will not matter if the tree is moved. He went on to say that he felt comfortable that the FTTC could make a decision without Mr. King in attendance. He explained that if Mr. Zhu was willing to pay for the replacement of a tree, there could be a possibility that the honey locust is removed. Mr. Chivers explained further that the home owner would not plant the tree—the Township would. The homeowner would have to pay for the cost of the current tree to be removed and for the new one to be planted, as well as the cost for the new tree. She went on to say that the Township will not know where the tree can be moved until a PA One Call is performed to ensure there are no utility lines underground. After a brief discussion, the FTTC decided to place this item on the January agenda for further discussion with Mr. King.

V. 2019 FTTC MEETING SCHEDULE

The FTTC discussed the meeting schedule and decided to meet on January 28, 2019 instead of January 21, 2019. They also confirmed that the July meeting starts at 5:00 PM and the October meeting starts at 6:30 PM.

VI. COMMUNICATIONS TO COMMISSION MEMBERS

Dr. Fescemyer stated that he received communications from Ms. Monica Septine about a group of pine trees that seem dead. Mr. Learn stated that Mr. King responded to her email and explained that what happened is normal—one tree may have died but the others are healthy.

VII. FUTURE AGENA ITEMS

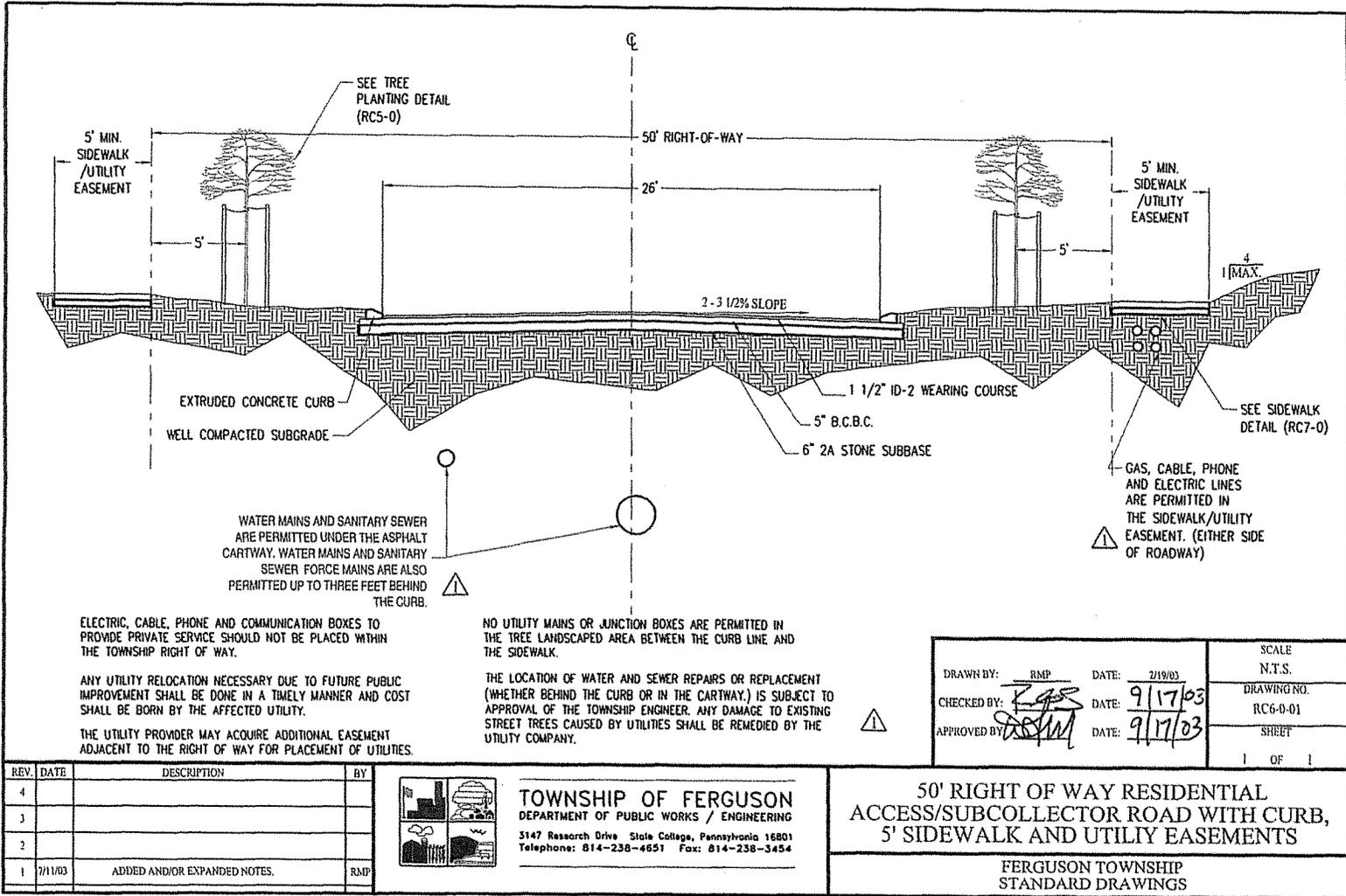
The Tree Commission will discuss the Zoning and SALDO drafts, Suburban Pakr master Plan, the 2019 Tree Planting Contract, and the 2319 Falconpointe driveway.

VIII. ADJOURNMENT

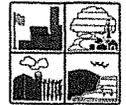
With no further business, the November 19, 2018 Tree Commission meeting adjourned at 8:07 PM.

RESPECTFULLY SUBMITTED,

David Modricker, Director of Public Works
For the Tree Commission



REV.	DATE	DESCRIPTION	BY
4			
3			
2			
1	7/1/03	ADDED AND/OR EXPANDED NOTES.	RMP



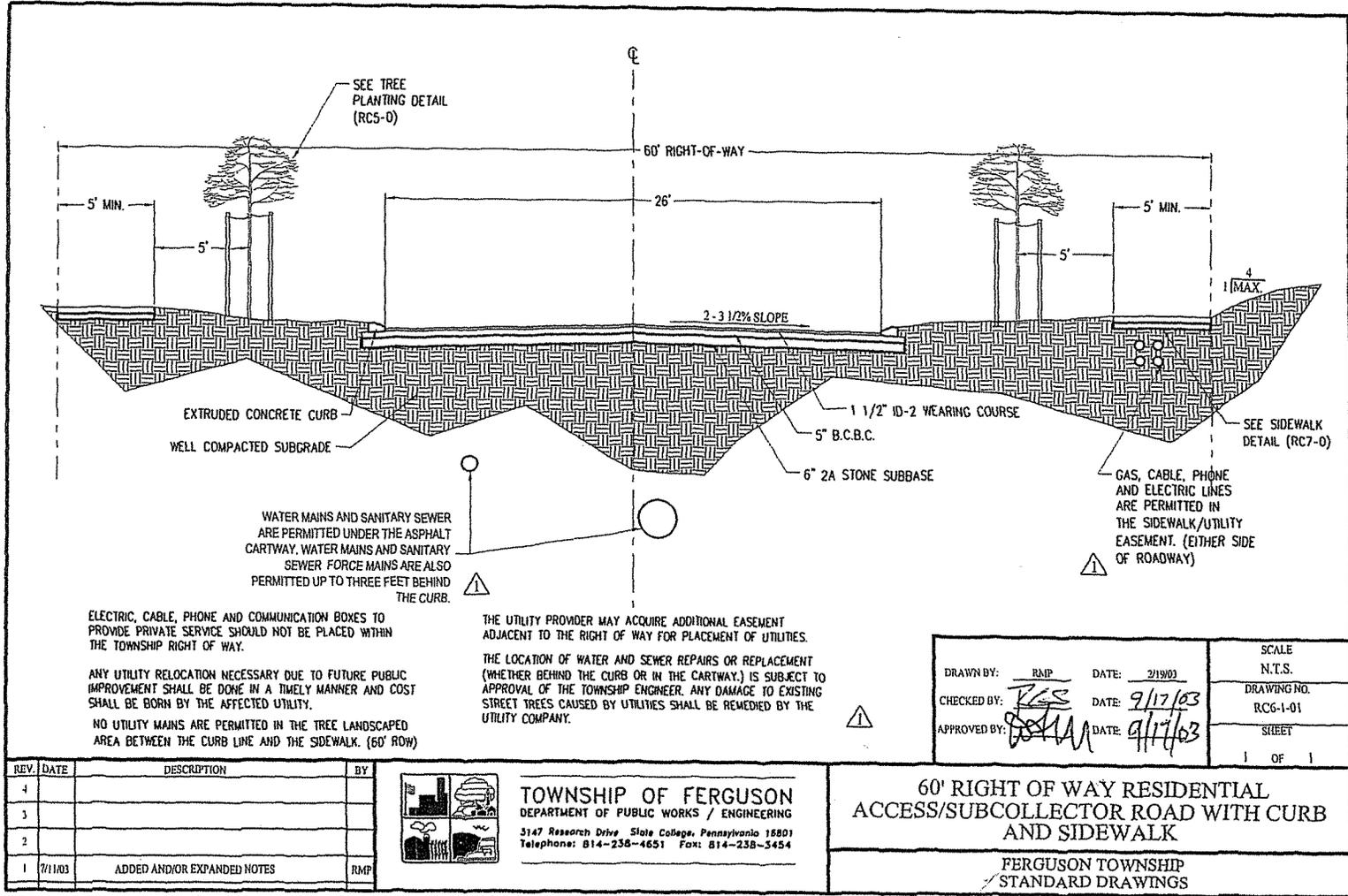
TOWNSHIP OF FERGUSON
 DEPARTMENT OF PUBLIC WORKS / ENGINEERING
 5147 Research Drive State College, Pennsylvania 16801
 Telephone: 814-238-4651 Fax: 814-238-3454

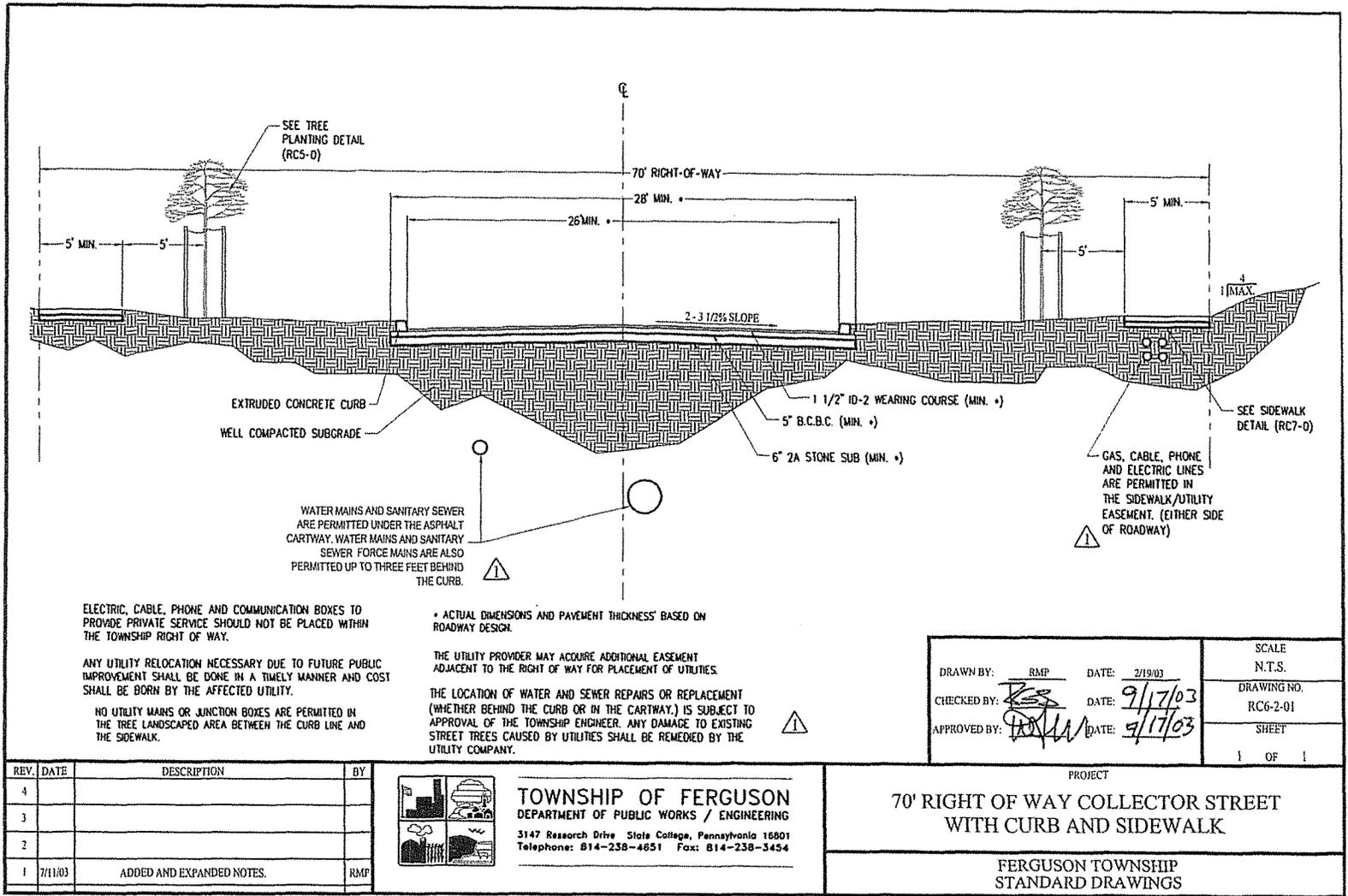
DRAWN BY: RMP	DATE: 2/19/03
CHECKED BY: <i>KAS</i>	DATE: 9/17/03
APPROVED BY: <i>RMP</i>	DATE: 9/17/03

SCALE N.T.S.
DRAWING NO. RC6-0-01
SHEET 1 OF 1

50' RIGHT OF WAY RESIDENTIAL ACCESS/SUBCOLLECTOR ROAD WITH CURB, 5' SIDEWALK AND UTILITY EASEMENTS

FERGUSON TOWNSHIP
STANDARD DRAWINGS





ELECTRIC, CABLE, PHONE AND COMMUNICATION BOXES TO PROVIDE PRIVATE SERVICE SHOULD NOT BE PLACED WITHIN THE TOWNSHIP RIGHT OF WAY.

ANY UTILITY RELOCATION NECESSARY DUE TO FUTURE PUBLIC IMPROVEMENT SHALL BE DONE IN A TIMELY MANNER AND COST SHALL BE BORN BY THE AFFECTED UTILITY.

NO UTILITY MAINS OR JUNCTION BOXES ARE PERMITTED IN THE TREE LANDSCAPED AREA BETWEEN THE CURB LINE AND THE SIDEWALK.

WATER MAINS AND SANITARY SEWER ARE PERMITTED UNDER THE ASPHALT CARTWAY. WATER MAINS AND SANITARY SEWER FORCE MAINS ARE ALSO PERMITTED UP TO THREE FEET BEHIND THE CURB.

* ACTUAL DIMENSIONS AND PAYMENT THICKNESS' BASED ON ROADWAY DESIGN.

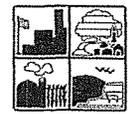
THE UTILITY PROVIDER MAY ACQUIRE ADDITIONAL EASEMENT ADJACENT TO THE RIGHT OF WAY FOR PLACEMENT OF UTILITIES.

THE LOCATION OF WATER AND SEWER REPAIRS OR REPLACEMENT (WHETHER BEHIND THE CURB OR IN THE CARTWAY.) IS SUBJECT TO APPROVAL OF THE TOWNSHIP ENGINEER. ANY DAMAGE TO EXISTING STREET TREES CAUSED BY UTILITIES SHALL BE REMEDIED BY THE UTILITY COMPANY.

GAS, CABLE, PHONE AND ELECTRIC LINES ARE PERMITTED IN THE SIDEWALK/UTILITY EASEMENT. (EITHER SIDE OF ROADWAY)

DRAWN BY: RMP	DATE: 2/19/03	SCALE: N.T.S.
CHECKED BY: <i>[Signature]</i>	DATE: 9/17/03	DRAWING NO. RC6-2-01
APPROVED BY: <i>[Signature]</i>	DATE: 9/17/03	SHEET 1 OF 1

REV.	DATE	DESCRIPTION	BY
4			
3			
2			
1	7/11/03	ADDED AND EXPANDED NOTES.	RMP



TOWNSHIP OF FERGUSON
 DEPARTMENT OF PUBLIC WORKS / ENGINEERING
 3147 Research Drive State College, Pennsylvania 16801
 Telephone: 814-238-4651 Fax: 814-238-3454

PROJECT
70' RIGHT OF WAY COLLECTOR STREET WITH CURB AND SIDEWALK
 FERGUSON TOWNSHIP STANDARD DRAWINGS

Table 1

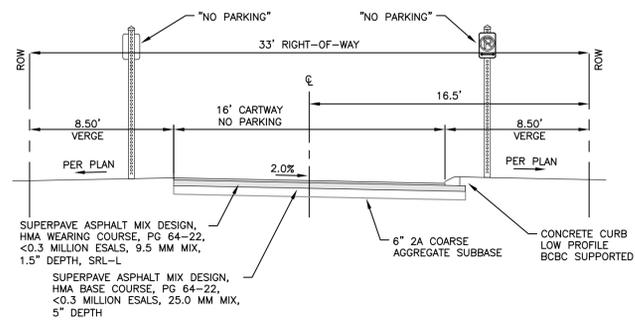
Ferguson Township Road Construction Standards

Element	Urban Arterial * Rural Arterial *	Collector Street*	Subcollector Street	Residential Access
ID-2 Wearing Course	Min. 1½" *	1½" *	1½"	1½"
Bituminous Concrete Base Course	Min. 5" *	5" *	5"	5"
2A Stone Base	Min. 6" *	6" *	6"	6"
Travelway Width With Curb includes 11' lanes and 2' gutters	26'	26'	26'	26'
Travelway Width with Shoulder ***	22'	22'	22'	20'
Shoulder Width	8'	6'	6'	Min. 4' **
Pavement Cross Slope	2% min, 3.5% max	2% min, 3.5% max	2% min, 3.5% max	2% min, 3.5% max
Shoulder Cross Slope	6%	6%	6%	6%
Parking Lanes	10'	10'	10'	8'
Right-of-Way Width	90'	70'	60' or 50' with 5 foot easements on each side	60' or 50' with 5 foot easements on each side

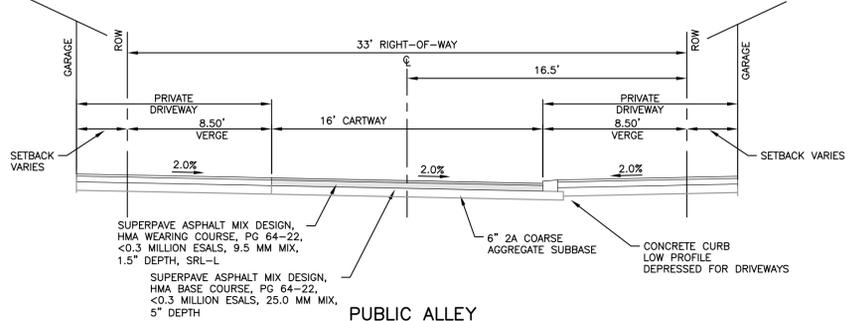
* Pavement and stone depths for Urban Arterials, Rural Arterials, and Collector Streets are minimum depths shown in the table. Actual depth shall be based on a pavement design.

** Shoulders less than 6 feet in width shall be constructed of the same materials and depths as the cartway. Shoulders 6 feet in width may be Type 3 shoulders.

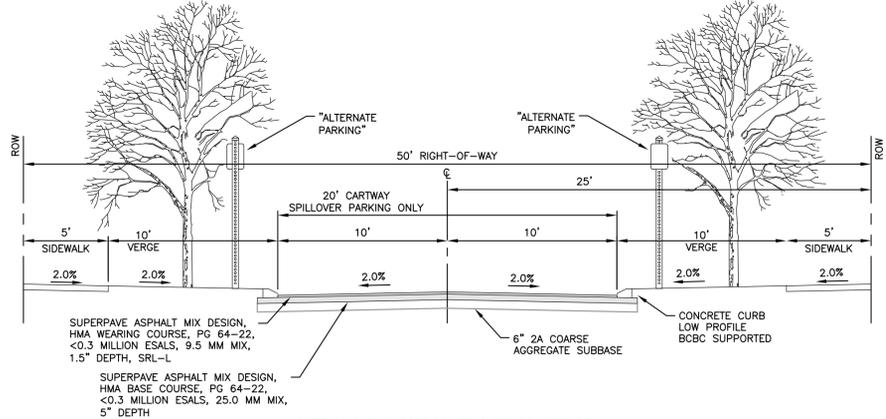
*** Reference I.F



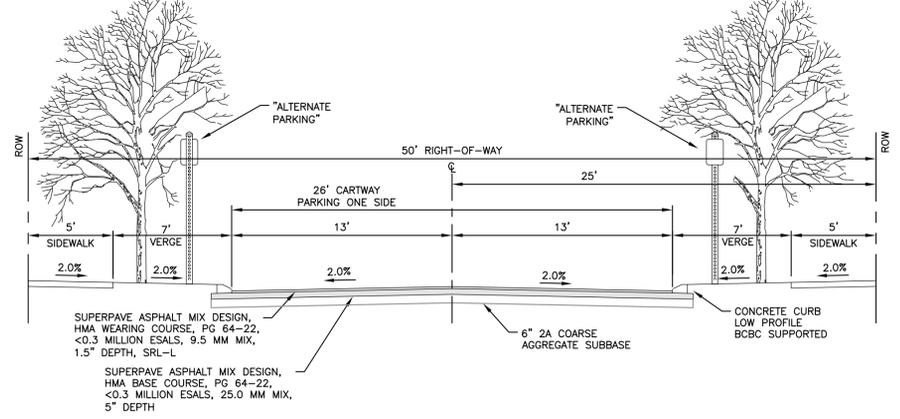
PUBLIC ALLEY
NO PARKING



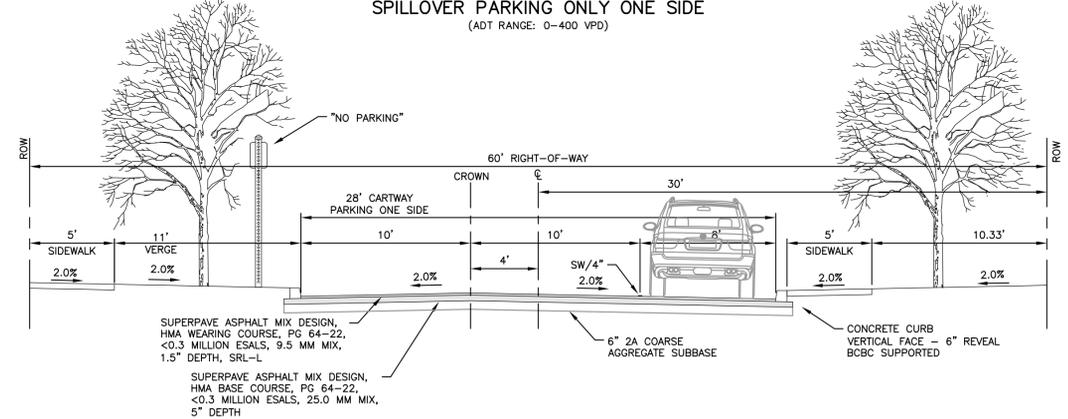
PUBLIC ALLEY
NO PARKING
REAR ENTRY GARAGE



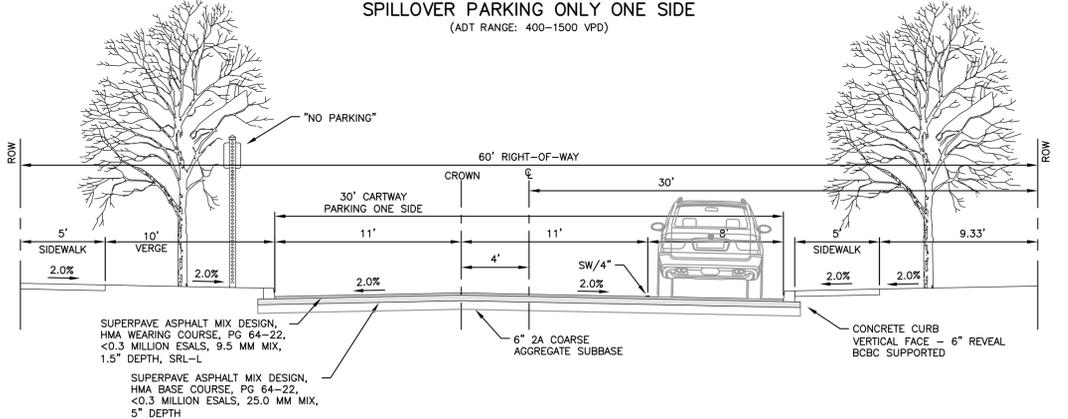
VERY LOW VOLUME LOCAL ROAD
SPILLOVER PARKING ONLY ONE SIDE
(ADT RANGE: 0-400 VPD)



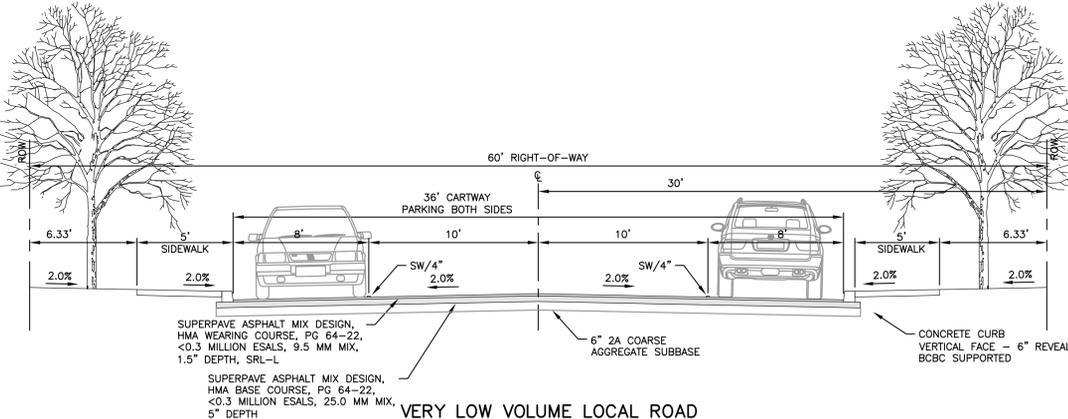
LOCAL ROAD
SPILLOVER PARKING ONLY ONE SIDE
(ADT RANGE: 400-1500 VPD)



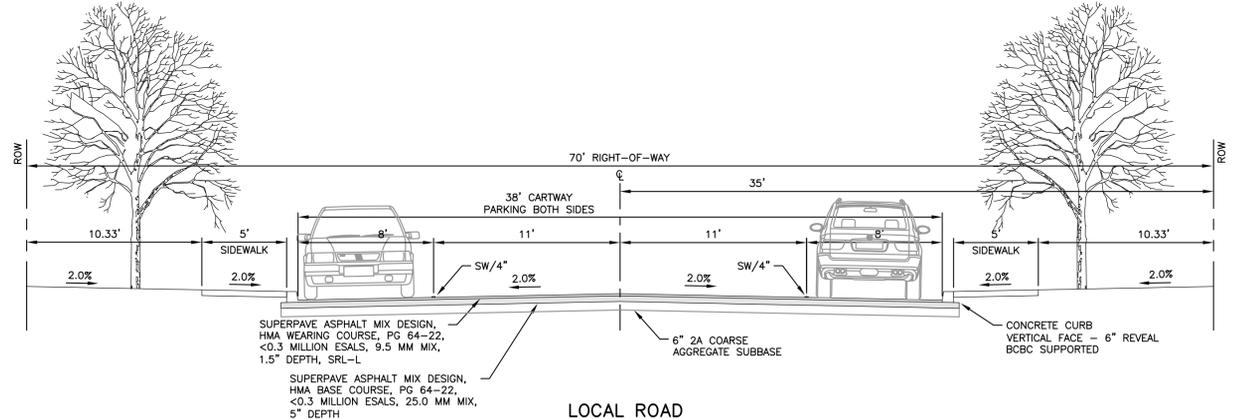
VERY LOW VOLUME LOCAL ROAD
REQUIRED PARKING ONE SIDE
(ADT RANGE: 400-1500 VPD)



LOCAL ROAD
REQUIRED PARKING ONE SIDE
(ADT RANGE: 400-1500 VPD)



VERY LOW VOLUME LOCAL ROAD
REQUIRED PARKING BOTH SIDES
(ADT RANGE: 400-1500 VPD)



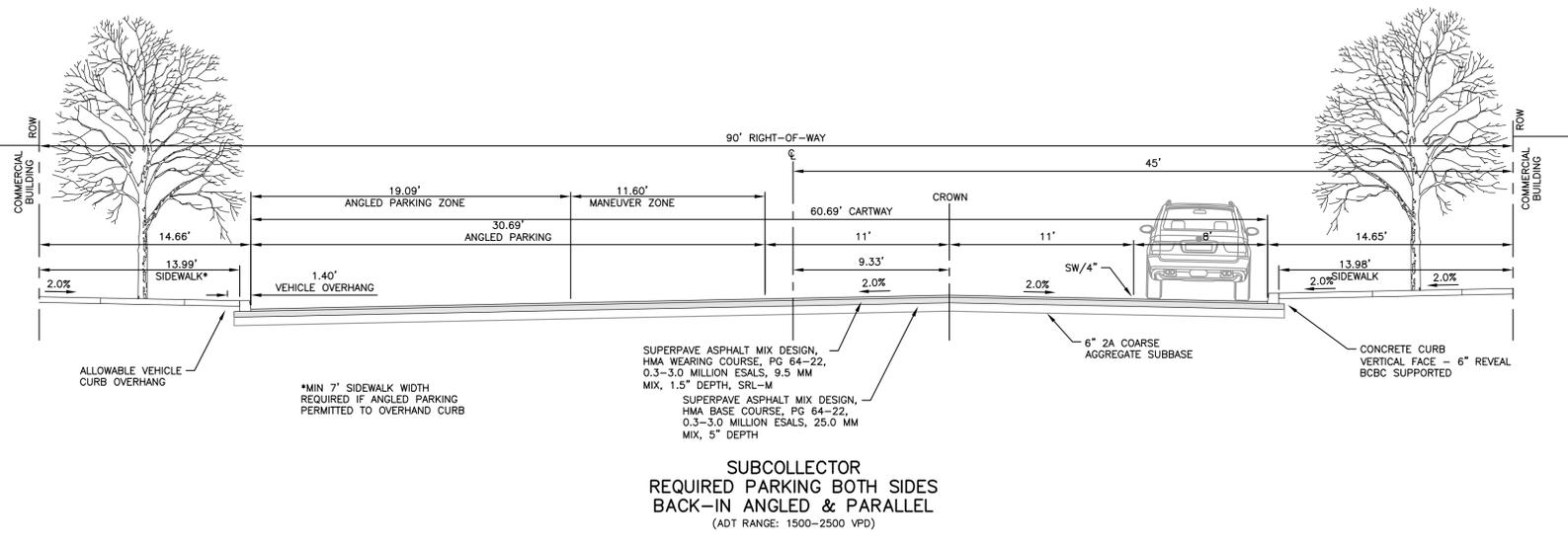
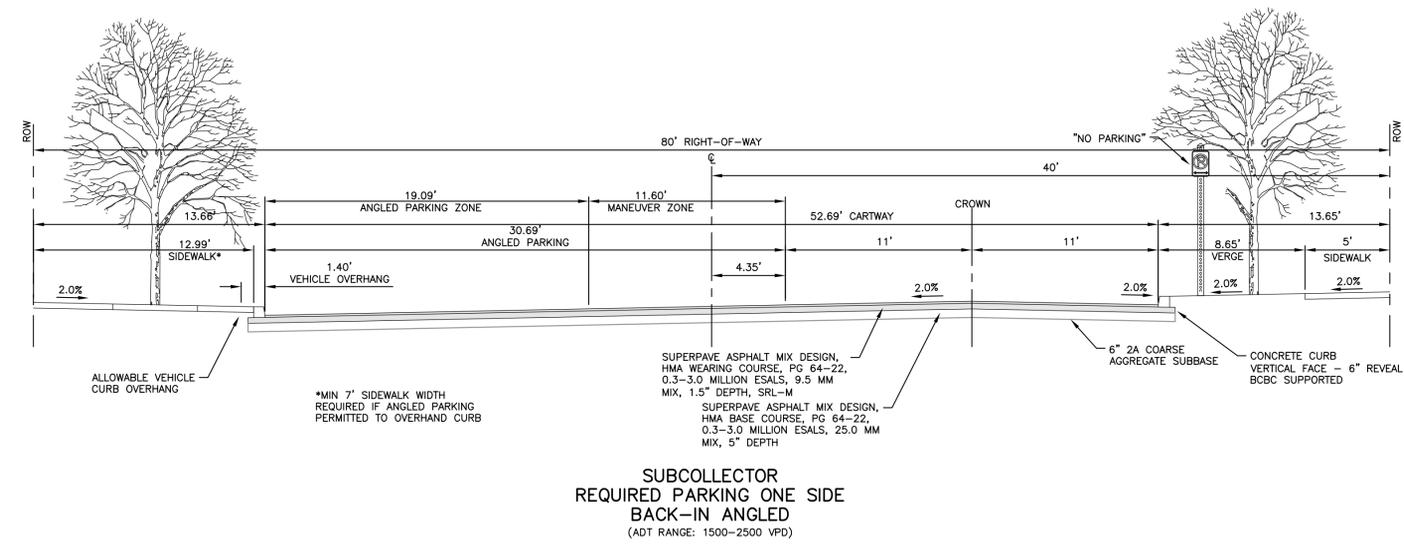
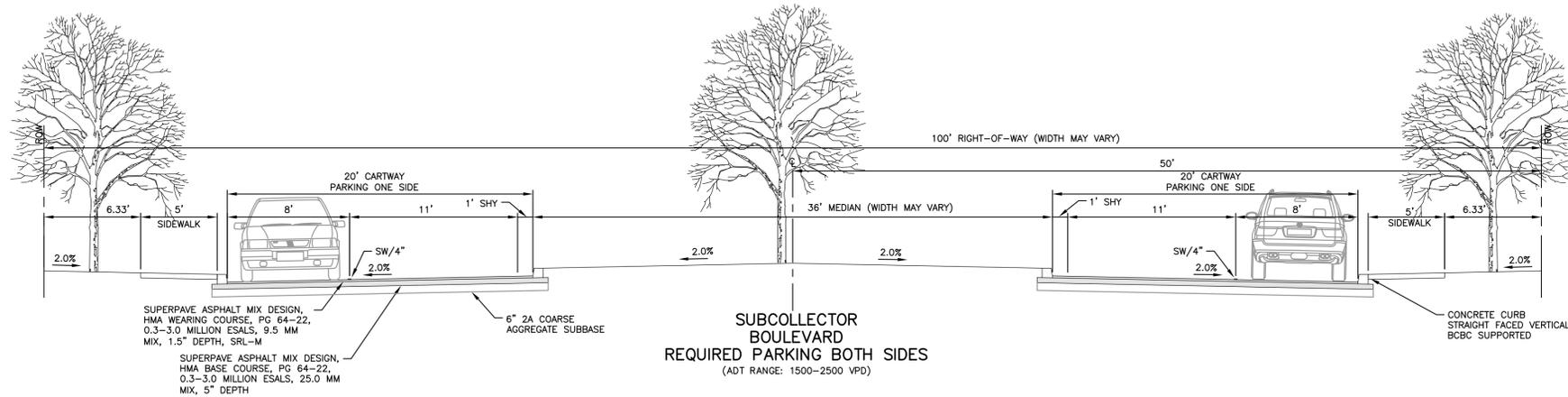
LOCAL ROAD
REQUIRED PARKING BOTH SIDES
(ADT RANGE: 400-1500 VPD)

KELLER ENGINEERS, INC.
3500 EAST COLLEGE AVENUE
SUITE 1100
STATE COLLEGE, PA 16801
PHONE: 814-231-2925
FAX: 814-231-2926

1. ADJUSTMENTS	REVISION DESCRIPTION	NO SCALE
2. TOWNSHIP ENGINEER COMMENTS		
2017-10-03	DATE & INITIALS	
2017-11-02		

PINE HALL
TRADITIONAL TOWN DEVELOPMENT
TYPICAL STREET SECTIONS
FERGUSON TOWNSHIP, CENTRE COUNTY PA

PROJECT NO.: S483-1	KELLER ENGINEERS, INC.
FILE NAME: TYPICAL GEOMETRIC	EXPRESSLY RESERVES ITS
DATE: 2017-09-19	AND OTHER RIGHTS
DESIGNED BY:	CONTAINED IN THESE PLANS
DRAWN BY:	NOT TO BE REPRODUCED,
CHECKED BY:	CHANGED, ALTERED OR
	COPIED IN ANY FORM OR
	MANNER WITHOUT THE
	WRITTEN PERMISSION AND
	KELLER ENGINEERS, INC.



KELLER ENGINEERS, INC.
3500 EAST COLLEGE AVENUE
SUITE 1100
STATE COLLEGE, PA 16801
PHONE: 814-231-2925
FAX: 814-231-2926

1. ADJUSTMENTS			
2. TOWNSHIP ENGINEER COMMENTS			
DATE & INITIALS		REVISION DESCRIPTION	
			NO SCALE

**PINE HALL
TRADITIONAL TOWN DEVELOPMENT**

TYPICAL STREET SECTIONS
FERGUSON TOWNSHIP, CENTRE COUNTY PA

PROJECT NO.: 3483-1
FILE NAME: TYPICAL GEOMETRIC
DATE: 2017-09-19
DESIGNED BY:
CHECKED BY:

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KELLER ENGINEERS, INC.