BLOOMINGTON TRAFFIC COMMISSION
AGENDA
March 23, 2022
4:30 P.M. – In-person and Virtual Hybrid meeting
City Hall, Council Chambers
Online link: https://bloomington.zoom.us/j/84280674363
Meeting ID: 842 8067 4363
Dial in: +1 312 626 6799, 842 8067 4363# US (Chicago)

I. Call to Order

II. Approval of Minutes – February 23, 2022

III. Communications from Commission

IV. Public Comment*

V. Reports from Staff

VI. Old Business*
   A. TC-21-07 Resolution 21-02 (Commission Member Alexander)

VII. New Business*
   A. TC-22-01: Henderson Street modifications
   B. TC-22-02: 17th Street Multiuse Path project
   C. TC-22-03: 11th + 14th Streets and Walnut Street traffic signals
   D. TC-22-04: Crosswalk projects
   E. TC-22-05: Signal at Tapp Road and Deborah Drive

VIII. Traffic Inquiries

IX. Adjournment

Next meeting – April 27, 2022 (subject to change depending on a meeting room conflict)

*Action Requested/Public comment prior to any vote (limited to five minutes per speaker)

Auxiliary aids for people with disabilities are available upon request with adequate notice. Please call (812) 349-3429 or e-mail human.rights@bloomington.in.gov.
I. Call to Order: 4:32pm
Members present: David Hoff, Chris Etter, Greg Alexander, Sarah Ryterband, Andrew Cibor, Ryne Shadday
Staff: Beth Rosenbarger

II. Approval of Minutes – November 17, 2021
Move to approve the minutes: Hoff
Second: Ryterband
Yay: Hoff, Etter, Alexander, Ryterband, Cibor, Shadday
Minutes approved: 6-0

III. Communications from Commission
A. Election of Chair and Vice Chair:
   Chair: Cibor asked Shadday if he would serve again, Shadday said he’s willing; Ryterband moved; Hoff seconded; yay: Hoff, Etter, Alexander, Ryterband, Cibor, Shadday; Shadday was elected Chair 6-0
   Vice Chair: Hoff nominated Ryterband as Vice Chair; Hoff moved to Ryterband as vice chair; Etter second. Yay: Hoff, Etter, Alexander, Cibor, Shadday, Ryterband. Ryterband was elected Vice Chair 6-0

   Cibor reported there was a fatal crash this past week at the intersection of State Road 45/46 and Kinser Pike. A person driving was

IV. Public Comment* none

V. Reports from Staff
A. 2022 Meeting Schedule: Rosenbarger shared that it’s likely the next meeting is in-person/hybrid meeting.
B. Corridor Study: Rosenbarger shared that the City has released a Request for Information for a Corridor Study of College Avenue and Walnut Street. The Corridor Study RFI can be found online: https://bloomington.in.gov/transportation/plan

VI. Old Business*
A. TC-21-07 Resolution 21-02 (Commission Member Alexander)
Commission Member Alexander presented this proposal, which was introduced in 2021. Commission members asked questions including: will speed limit signs change driver behavior; what does Engineering think; what does planning think? Could we consider requiring that repaving a street triggers a reconsideration of the speed limit on the street?

Discussion led to a next step that Commission Member Alexander would rewrite the resolution to be more general, in order to require that the Engineering department reconsider the speed limit on a street anytime a project is pursued on that street. There might also be an option to start looking at speed limits on existing streets, where the speed limit could be changed in the near term.

B. TC-21-08 District Representation on Commission (Commission Member Etter)
Commission Member Etter said he thinks we should just let this go because it’s hard enough to get people to serve on the Commission. Decided via discussion to not discuss this again. No vote needed.

VII. New Business* none

VIII. Traffic Inquiries:
Ryterband asked about Moores Pike, and if speeds changed after the projects that have been installed there (a speed table, a speed sign, and others). Rosenbarger said she’ll check with Engineering, see if there’s before/after data, and report back.
Etter asked about the project on E. 17th Street. Cibor shared more information about the design of the project including the multipurpose path, intersection improvements, and more. Alexander shared a link to where plans are available online: http://galexander.org/x/17th.pdf

IX. Adjournment
Hoff moved to adjourn, Etter seconded. 5:49pm.

Next meeting – March 23, 2022 (subject to change depending on a meeting room conflict)

*Action Requested/Public comment prior to any vote (limited to five minutes per speaker)

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RESOLUTION 21-01

A RESOLUTION ESTABLISHING THE POLICY BY WHICH MEMBERS OF THE TRAFFIC COMMISSION, ASSOCIATED STAFF, AND MEMBERS OF THE PUBLIC MAY PARTICIPATE IN MEETINGS BY ELECTRONIC MEANS OF COMMUNICATION

WHEREAS, the Indiana General Assembly adopted HEA 1437 in the 2021 Regular Session, which amended Indiana Code (IC) 5-14-1.5-1 et seq. (Act) by amending IC 5-14-1.5-3.5 to prescribe new requirements by which members of the governing body of a public agency of a political subdivision may participate in a meeting by an electronic means of communication; and

WHEREAS, a member of the governing body may participate by any means of communication that:
• allows all participating members of the governing body to simultaneously communicate with each other; and
• except for a meeting that is an executive session, allows the public to simultaneously attend and observe the meeting; and

WHEREAS, the Act requires the governing body to adopt a written policy establishing the procedures that apply to a member’s participation in a meeting by an electronic means of communication and allows the governing body to adopt procedures that are more restrictive than the procedures established by IC 5-14-1.5-3.5; and

WHEREAS, the Bloomington Traffic Commission is an advisory body of the City of Bloomington, Indiana and wishes to adopt such a policy;

THEREFORE, BE IT RESOLVED BY THE TRAFFIC COMMISSION OF THE CITY OF BLOOMINGTON, MONROE COUNTY, INDIANA, THAT:

Section I. The Bloomington Traffic Commission’s Rules and Procedures are modified to add a new Subsection under Section V entitled Subsection “E”, which shall read as follows:

Section V. Procedure(s)

E. In accordance with Indiana Code sections 5-14-1.5-1 and 5-14-1.5-3.5, et seq., Traffic Commission meetings may be conducted electronically. The Traffic Commission adopted an electronic meetings policy via Resolution 21-01, which is incorporated into these Rules and Procedures by reference.
Section II. The Bloomington Traffic Commission hereby adopts the following policy on the participation of a member of the Commission, city staff, and members of the public in a meeting of the Traffic Commission by an electronic means of communication:

**ELECTRONIC MEETINGS POLICY**

Section 1.
(a) The provisions of the Act, including definitions, apply to this resolution.
(b) This resolution shall be known as the “Electronic Meetings Policy” and applies to the Commission and any of its committees.

Section 2.
(a) Subject to Sections 3 and 5, any member may participate in a meeting by any electronic means of communication that:

(1) allows all participating members of the governing body to simultaneously communicate with each other; and

(2) other than a meeting that is an executive session, allows the public to simultaneously attend and observe the meeting.

(b) A member who participates by an electronic means of communication:

(1) shall be considered present for purposes of establishing a quorum; and

(2) may participate in final action only if the member can be seen and heard.

(c) All votes taken during a meeting at which at least one (1) member participates by an electronic means of communication must be taken by roll call vote.

Section 3.
(a) At least fifty percent (50%) of the members must be physically present at a meeting at which a member will participate by means of electronic communication. Not more than fifty percent (50%) of the members may participate by an electronic means of communication at that same meeting.

(b) A member may not attend more than a fifty percent (50%) of the meetings in a calendar year by an electronic means of communication unless the member’s electronic participation is due to:

(1) military service;

(2) illness or other medical condition;

(3) death of a relative; or

(4) an emergency involving actual or threatened injury to persons or property.

(c) A member may attend two (2) consecutive meetings (a set of meetings) by electronic communication. A member must attend in person at least one (1) meeting between sets of meetings that the member attends by electronic communication, unless the member’s absence is due to:
(1) military service;
(2) illness or other medical condition;
(3) death of a relative; or
(4) an emergency involving actual or threatened injury to persons or property.
(d) A member who plans to attend a meeting by any electronic means of communication shall notify the presiding officer and relevant staff within three (3) days before the meeting so that arrangements may be made for the member’s participation by electronic communication and so that notices may be prepared.

Section 4. The memoranda and any minutes prepared for a meeting at which any member participates by electronic means of communication must:
(1) identify each member who:
   (A) was physically present at the meeting;
   (B) participated in the meeting by electronic means of communication; and
   (C) was absent; and
(2) identify the electronic means of communication by which:
   (A) members participated in the meeting; and
   (B) members of the public attended and observed the meeting, if the meeting was not an executive session.

Section 5. No member of the Commission may participate by means of electronic communication in a meeting if the Commission is attempting to take final action to:
(1) adopt a budget;
(2) make a reduction in personnel;
(3) initiate a referendum;
(4) impose or increase a fee;
(5) impose or increase a penalty;
(6) use the eminent domain authority; or
(7) establish, raise or renew a tax.

Section 6. In the event the governor declares a disaster emergency under IC 10-14-3-12 or the executive (as defined in IC 36-1-2-5) of a political subdivision declares a local disaster emergency under IC 10-14-3-29, the Commission may meet by any means of electronic communication if the following requirements of IC 5-14-1.5-3.7 are satisfied:
(1) At least a quorum of the members of the Commission participate in the meeting by means of electronic communication or in person.
(2) The public is able to simultaneously attend and observe the meeting. However, this subdivision does not apply to a meeting held in executive session.
(3) The memoranda and any minutes prepared for a meeting held under this section must:

(A) state the name of each member of the Commission who:
    (i) participated in the meeting by using any electronic means of communication; and
    (ii) was absent; and

(B) identify the electronic means of communication by which:
    (i) members of the Commission participated in the meeting; and
    (ii) members of the public attended and observed the meeting, if the meeting was not an executive session.

(4) All votes taken during a meeting under this section must be taken by roll call vote.

Section 7. At any meeting of the Commission where any member participates by an electronic means of communication, members of the public shall be able to attend and observe the meeting via electronic means. Subject to the Commission’s rules for making public comment, members of the public may also participate in the meeting via electronic means.

Section 8. At any meeting of the Commission where any member participates by an electronic means of communication, staff members may also participate in the meeting via electronic means, provided there is no actual need for a staff member to be physically present at a particular meeting. Such need shall be determined in the sole discretion of the presiding officer.

SECTION III. If any section, sentence, or provision of this resolution, or the application thereof to any person or circumstances shall be declared invalid, such invalidity shall not affect any of the other sections, sentences, provisions, or applications of this resolution which can be given effect without the invalid provision or application, and to this end the provisions of this resolution are declared to be severable.

SECTION IV. This resolution shall be in full force and effect from and after its passage by the Traffic Commission.

ADOPTED by the Traffic Commission of the City of Bloomington, Monroe County, Indiana, upon this ______ day of _____________, 2021.

________________________
Ryne Shadday, Chair
Bloomington Traffic Commission
SYNOPSIS

This resolution adopts an Electronic Meetings Policy for the Bloomington Traffic Commission pursuant to newly-enacted state statutes concerning electronic meetings. The Policy mirrors a policy adopted by the Bloomington Common Council and establishes the procedures that apply to a member’s participation in a meeting by an electronic means of communication, as well as to the participation of the public and city staff members by electronic means of communication.
RESOLUTION

CALLING FOR ROUTINE SPEED LIMIT RECONSIDERATION

WHEREAS, speed is a significant factor influencing crash severity and frequency.

WHEREAS, the City of Bloomington’s 2018 Comprehensive Plan contains Policy 6.1.7: Prioritize safety and accessibility over capacity in transportation planning, design, construction, and maintenance decisions (pg 74).

WHEREAS, the City of Bloomington’s 2019 Transportation Plan designates all street typologies to have target speeds of at most 25mph, with the exception of Suburban Connectors, which have target speeds of at most 35mph (pg 36).

WHEREAS, Walnut St north of the SR 45/46 bypass is the only city-controlled street segment indicated as Suburban Connector in the Transportation Plan (pg 35).

WHEREAS, Title 15 of Bloomington Municipal Code lists many street segments as having a speed limit higher than 25mph in direct contradiction to our Transportation Plan.

WHEREAS, IC 9-21-5-6 allows cities to reduce speed limits in urban districts to 25mph without a traffic and engineering investigation.

WHEREAS, Title 15 of Bloomington Municipal Code lists many street segments as having a speed limit higher than 25mph even in existing urban districts.

WHEREAS, in the past, the scope of work for street projects has often been limited such that the codified speed limit has not been reconsidered.

THEREFORE, BE IT RESOLVED BY THE TRAFFIC COMMISSION OF THE CITY OF BLOOMINGTON, INDIANA, THAT:

Whenever a street segment is repaved, an intersection is rebuilt, or bicycle or pedestrian facilities are installed or improved along or across a street, the speed limit on that street should be re-evaluated. The speed limit should be updated to reflect the maximum speed that drivers should travel along that segment in order to ensure the safety of all users.
FROM: Beth Rosenbarger, AICP, Planning and Transportation Department  
Neil Kopper, PE, Engineering Department

REQUEST: Modifications to Henderson Street

Location: Henderson Street between 2nd Street and Smith Avenue

Description and purpose: The City of Bloomington is recommending changes to Henderson Street in order to create an east-west connection between Smith Avenue and Hunter Avenue. Smith Avenue and Hunter Avenue are both part of an east-west Neighborhood Greenway, identified in the Transportation Plan as NG-4 “E Hunter Ave Neighborhood Greenway.” The east-west connection follows Howe Street, Smith Avenue, and Hunter Avenue for approximately 2.1 miles east-west.

Henderson Street is one-way, northbound, bicyclists attempting to travel eastbound on Smith Avenue and connect to Hunter Avenue—a half block south—lack options to travel southbound on Henderson. The proposed changes would repurpose an underutilized motor vehicle lane to be a multiuse path for pedestrians and bicyclists, thereby allowing bicyclists to travel southbound on this portion of Henderson. South of Hunter Avenue, it is recommended to continue the southbound bicycle lane until it reaches the intersection with 2nd Street.

This connection is a Recommended Project in the Transportation Plan and included in the Priority Bicycle Facilities Network, Phase 1.

Title 15 Changes: Section 15.16.010 will need to be edited to allow southbound bicycle travel on the northbound one-way street. This change can be made by adding an existing footnote to Schedule E “One Way Streets” as follows:

<table>
<thead>
<tr>
<th>Street</th>
<th>From</th>
<th>To</th>
<th>Direction of Travel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Henderson Street</td>
<td>Second Street</td>
<td>Indiana Avenue</td>
<td>North (1)</td>
</tr>
</tbody>
</table>

(1) One-way travel for motor vehicle traffic only. Two-way bicycle traffic permitted.

Recommendation:

Staff recommends that the Commission forward the Title 15 changes to Council with a positive recommendation.
FROM: Beth Rosenbarger, AICP, Planning and Transportation Department  
Neil Kopper, PE, Engineering Department

REQUEST: Modifications to 17th Street

Location: 17th Street from Monroe Street to Grant Street (approximately)

Description and purpose: The City of Bloomington will be constructing a multiuse path on the north side of 17th Street. The plans are included in the packet. The multiuse path will be approximately 10 feet wide, separated from motor vehicle traffic with a curb and green space. This multiuse path will connect with existing multiuse path on both ends.

This multiuse path is a Recommended Project in the Transportation Plan and included in the Priority Bicycle Facilities Network, Phase 2.

Title 15 Changes: Title 15 will need to be amended to update the Speed Limit where this project proposes changes. Title 15 will need to be amended to correct and add intersections along this project to “15.20.020 Restricted turns on red at signalized intersections.”

Recommendation:
Staff recommends that the Commission forward the Title 15 changes to Council with a positive recommendation.
CONSTRUCTION DETAILS LINE "PR-A"

STA. 123+75 TO 125+75

INDIANA DEPARTMENT OF TRANSPORTATION

LEGEND:

1. PCC For Approaches, 9" Mod. on
Diamond Graded Subbase, 6", on
Subgrade Treatment Type III

2. Edgework, Concrete, 4" on
4" Compacted Aggregates, No. 53

3. Multi-use Trail
4" PCC on 6" of 8" R. Spacing on
4" Compacted Aggregates, No. 53 on
Subgrade Treatment Type V

4. Milling, Asphalt, 1-1/2"

5. PCC Base Patching, 7" on
7" Compacted Aggregates, No. 53
Subgrade Treatment Type IV

6. 165#/SYS QC/QA-HMA 3, 64, Surface 9.5mm on
Variable Depth HMA Wedge & Level, Type B (Varies 0" To 4")

7. Sidewalk, Concrete, 4" on

8. Geogrid Type IB on
Dense Graded Subbase, 6", on
Subgrade Treatment Type II

9. PCC Base Patching, 7" on
3" Compacted Aggregate, No. 53
Subgrade Treatment Type IV

10. Milling, Asphalt, 1-1/2"

11. PCC Base Patching, 7" on
2" Compacted Aggregates, No. 53
Subgrade Treatment Type IV

12. Edgework, Concrete, Modified

13. Curb & Gutter, Concrete, Modified

14. Curb, Concrete

15. Grading, Nursery

Notes:

All Stationing off Line "PR-A" Unless Otherwise Noted.
Notes:
All Stationing off Line "PR-A" unless Otherwise noted.

LEGEND

1. RCC for approaches, 6" mod. on
   Dense Graded Subbase, on
   Subgrade Treatment Type II

2. HMA for Approaches, Type B on
   6" RCC Prime Surface, Type B on
   Expansive Aggregate, No. 13 on
   Subgrade Treatment Type II

3. Multi Line Tool
   4" RCC for Joints @ 6' Ft. Spacing on
   4" Compacted Aggregate, No. 13 on
   Subgrade Treatment Type V

4. Milling, Asphalt, 1-6'

5. PCC Base Patching, 7" on
   3" Compacted Aggregate, No. 13
   Subgrade Treatment Type IV

6. 6" RCC/100# HMA 5.44, Surface 6.5mm
   Variable Depth HMA Design & Level, Type B (Value 0" To 4")

7. Curb & Gutter, Concrete, Wastemix

8. Grading, Nursery

INFORMATION

Indiana Department of Transportation

Construction Details Line "PR-A"
STA. 128+50 TO 130+75

Date: Dec 31, 2021, 3:07pm
User Name: eolson
File: S:\_2019\119-0055\Road\CAD\MiscDWG\Const-Details 128+50 to 143+50.dwg
Notes:

All Stationing off Line "PR-A" unless otherwise noted.

137+00 138+00 Lt. Class III Mod. Dr. W = 40.2'

33.20' 35.06' 39.71' 43.92'

S 89°44'31" E   LINE "PR-A"

+37, 21' Rt Str. No. 218

No Work Req'd

ER TR TR TR TR ER ER ER ER

27, 14' Lt Str. No. 312

Exist. Sanitary M.H.

Adjust Casting to Grade

RECOMMENDED
FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED:

CHECKED:

DRAWN:

CHECKED:

SURVEY BOOK

CONTRACT

DESIGNATION SHEETS

PROJECT BRIDGE FILE

VERTICAL SCALE

Notes:

All Stationing off Line "PR-A" unless otherwise noted.

CONSTRUCTION DETAILS LINE "PR-A"

STA. 136+50 TO 138+00

INDIANA DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS LINE "PR-A"

STA. 136+50 TO 138+00

Date: Dec 31, 2021, 3:08pm  User Name: eolson

File: S:\_2019\119-0055\Road\CAD\MiscDWG\Const-Detai...
END PROJECT

Sta. 147+90.50 "PR-A"
S89°57'24"E +67.0 Rt. Public Rd Approach (Alley)

W = 10'

+47.60
24.50'
+76.76
17.49'
+61.90
33.70'
+71.89
33.70'

+69 Str. No. 319
Exist. Sanitary M.H.
No Work Req'd.

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE
DESIGNED:
CHECKED:
DRAWN:
CHECKED:

SURVEY BOOK
CONTRACT
DESIGNATION
SHEETS
PROJECT
BRIDGE FILE

VERTICAL SCALE

Notes:
All Stationing off Line "PR-A" unless Dimension noted.

INDIANA DEPARTMENT OF TRANSPORTATION
CONSTRUCTION DETAILS LINE "PR-A"
STA. 146+50 TO 148+50
TRAFFIC/BPSC COMMISSION
STAFF REPORT

Case #: TC-22-03
Date: March 23, 2022

FROM: Neil Kopper, PE, Engineering Department

REQUEST: Adding traffic signals on Walnut Street at 11th Street and 14th Street

Location: Walnut Street at 11th Street and 14th Street

Description and purpose: The City of Bloomington is adding traffic signals at two intersections on Walnut Street—11th Street and 14th Street intersections.

The traffic signals are being added to improve safety at these intersections.

Title 15 Changes: A Title 15 amendment will be proposed to Council to add the intersections to the list of signalized intersections. Title 15 will need to be amended to correct and add intersections along this project to “15.20.020 Restricted turns on red at signalized intersections.”

Recommendation:

Staff recommends that the Commission forward the Title 15 changes to Council with a positive recommendation.
11TH STREET (25 MPH)

PHASE DIAGRAM

ALL PUSH RED

WALNUT STREET (20MPH)

APARTMENT ENTRANCE

NO LEFT TURN ON RED

ONE WAY

LEGEND

1-WAY, 3-SECTION (12-INCH RED, 12-INCH AMBER, 12-INCH GREEN) SIGNAL INDICATION CONTROLLERS, 8-PHASE, MENU DRIVEN, IN CABINET ON BASE

MAST ARM POLE AND FOUNDATION

11-FOOT PEDESTAL AND FOUNDATION

WEDGE BASE

PEDESTRIAN INDICATION

2-INCH CONDUIT

AUDIBLE PEDESTRIAN PUSH BUTTON AND SIGN

VIDEO DETECTION UNIT

SHEET SIGN (SEE SIGNING & MARKING PLAN)

SERVICE POINT (FOR SIGNAL & LIGHTING)

VIDEO DETECTION ZONE

LED LUMINAIRE ON 8' ARM

NOTES:

ADDITIONAL 9C/14 WIRE LABELED AS "SPARE" IS INSTALLED FOR THE POTENTIAL OF WALNUT STREET TO BE A 2-WAY ROAD IN THE FUTURE.

ONE 3C/14 WIRE IS TO BE USED FOR LIGHTING POWER.

PUSH BUTTON TO BE WITHIN 10" REACH AND MOUNTED PERPENDICULAR TO CROSSINGS. USE OF EXTENSIONS IS ALLOWED TO ACHIEVE 10" REACH, WITH CITY APPROVAL.

PEDESTRIAN INDICATION UNITS TO BE INSTALLED SUCH THAT ACCESS FOR MAINTENANCE CAN BE ACHIEVED WITHOUT REMOVING OR REPORPOZING THE UNIT.

FINAL LOCATION OF HANDHOLES AND CONDUIT TO BE FIELD PLACED TO AVOID UNDERGROUND UTILITY CONFLICTS.

UNDERGROUND DISTRIBUTION LINES ARE APPROXIMATE. DUE DILIGENCE WILL NOT RELocate OR DE-ENERGIZE DISTRIBUTION LINES DURING CONSTRUCTION. CONTRACTOR AGREES TO WORK AROUND THESE DISTRIBUTION LINES. FOR UTILITY LOCATES DURING CONSTRUCTION, CONTACT 811. NO DUG 811 BEFORE CONSTRUCTION.

COIL SPARE 9C/14 WIRE IN THIS HANDHOLE. PROVIDE SUFFICIENT LENGTH FOR FUTURE MAST ARM INSTALLATIONS.

IF WALNUT STREET SHOULD BECOME TWO WAY, THIS PEDESTAL WILL BE REPLACED WITH A MAST ARM, POLE, AND FOUNDATION. COIL SPARE 9C/14 WIRE IN THIS HANDHOLE. PROVIDE SUFFICIENT LENGTH FOR POSSIBLE FUTURE MAST ARM INSTALLATIONS.

ADDITIONAL 9C/14 WIRE LABELED AS "SPARE" IS INSTALLED FOR THE POTENTIAL OF WALNUT STREET TO BE A 2-WAY ROAD IN THE FUTURE.

ONE 3C/14 WIRE IS TO BE USED FOR LIGHTING POWER.

PUSH BUTTON TO BE WITHIN 10" REACH AND MOUNTED PERPENDICULAR TO CROSSINGS. USE OF EXTENSIONS IS ALLOWED TO ACHIEVE 10" REACH, WITH CITY APPROVAL.

PEDESTRIAN INDICATION UNITS TO BE INSTALLED SUCH THAT ACCESS FOR MAINTENANCE CAN BE ACHIEVED WITHOUT REMOVING OR REPORPOZING THE UNIT.

FINAL LOCATION OF HANDHOLES AND CONDUIT TO BE FIELD PLACED TO AVOID UNDERGROUND UTILITY CONFLICTS.

ADDITIONAL 9C/14 WIRE LABELED AS "SPARE" IS INSTALLED FOR THE POTENTIAL OF WALNUT STREET TO BE A 2-WAY ROAD IN THE FUTURE.

ONE 3C/14 WIRE IS TO BE USED FOR LIGHTING POWER.

PUSH BUTTON TO BE WITHIN 10" REACH AND MOUNTED PERPENDICULAR TO CROSSINGS. USE OF EXTENSIONS IS ALLOWED TO ACHIEVE 10" REACH, WITH CITY APPROVAL.

PEDESTRIAN INDICATION UNITS TO BE INSTALLED SUCH THAT ACCESS FOR MAINTENANCE CAN BE ACHIEVED WITHOUT REMOVING OR REPORPOZING THE UNIT.

FINAL LOCATION OF HANDHOLES AND CONDUIT TO BE FIELD PLACED TO AVOID UNDERGROUND UTILITY CONFLICTS.
**NOTES:**

ADDITIONAL 3C/14 WIRE LABELED AS "SPARE" IS INSTALLED FOR THE POTENTIAL OF WALNUT STREET TO BE A 2-WAY ROAD IN THE FUTURE. ONE 3C/14 WIRE IS TO BE USED FOR LIGHTING POWER.

PUSH BUTTONS TO BE WITHIN 10" REACH AND MOUNTED PERPENDICULAR TO CROSSINGS. USE OF EXTENSIONS IS ALLOWED TO ACHIEVE 10" REACH, WITH CITY APPROVAL.

PEDESTRIAN INDICATION UNITS TO BE INSTALLED SUCH THAT ACCESS FOR MAINTENANCE CAN BE ACHIEVED WITHOUT REMOVING OR REPOSITIONING THE UNIT.

FINAL LOCATION OF HANDHOLES AND CONDUIT TO BE FIELD PLACED TO AVOID UNDERGROUND UTILITY CONFLICTS.

CONTRACTOR TO EXERCISE CAUTION WHEN EXCAVATING NEAR SANITARY SEWER. DO NOT IMPACT SANITARY SEWER LINES.

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**PHASE DIAGRAM**

- 1-WAY, 3-SECTION (12-INCH RED, 12-INCH AMBER, 12-INCH GREEN) SIGNAL INDICATION
- CONTROLLERS, 8-PHASE, MENU DRIVEN, IN CABINET ON BASE
- PISTON ARM POLE AND FOUNDATION
- 11-FOOT PEDESTAL AND FOUNDATION
- HANDHAUL
- PEDESTRIAN INDICATION
- 2-INCH CONDUIT
- AUDIBLE PEDESTRIAN PUSH BUTTON AND SIGN
- VIDEO DETECTION UNIT
- SHEET SIGN (SEE SECTIONS & MAPPING PLAN)
- SERVICE POINT (FOR SIGNAL & LIGHTING)
- VIDEO DETECTION ZONE
- LED LUMINAIRE ON 8' ARM

**SERVICE POINT DETAILED**

*See INDOT Standard Drawings for wiring schematic for circuits.*
FROM: Neil Kopper, PE, Engineering Department

REQUEST: Crosswalk improvements at three locations

Location: 3rd Street and Grant Street; 11th Street, Diamond Street, and Blair Avenue; Patterson Drive, 3rd Street, and Isaac Drive

Description and purpose: The City of Bloomington is adding crosswalk improvements at three intersections.

The purpose of the crosswalk improvements is to improve safety for pedestrians specifically and all street users generally.

Improving street crossings for pedestrians is consistent with the Transportation Plan’s mode priority stating that “pedestrians should receive the greatest priority, because they are the most vulnerable and the most space-efficient road user.” Pedestrian improvements are consistent with multiple Comprehensive Plan goals, such as Goal 6.3 Improve the Bicycle and Pedestrian Network: Maintain, improve, and expand an accessible, safe, and efficient network for pedestrians, and attain platinum status as a Bicycle Friendly Community, as rated by the League of American Bicyclists.”

Title 15 Changes: Currently there is a section of Title 15, “15.20.010 Restricted turn intersections” with Schedule G. The purpose appears to be to list intersections where there are turn restrictions, distinct from the sections “restricted turns on red at signalized intersections.” However, schedule G is blank. Staff recommends removing this second from code. If a turn is restricted at an intersection, the restriction is posted or the turn is not possible due to physical objects (medians, curbs, off-set, etc.).

Recommendation:

Staff recommends that the Commission forward the Title 15 changes to Council with a positive recommendation.
TRAFFIC/BPSC COMMISSION
STAFF REPORT

Case #: TC-22-05
Date: March 23, 2022

FROM: Neil Kopper, PE, Engineering Department

REQUEST: Adding traffic signal at Tapp Road and Deborah Drive

Location: Tapp Road and Deborah Drive

Description and purpose: The City of Bloomington will be adding a traffic signal at the Tapp Road and Deborah Drive intersection. This is in connection with an Indiana Department of Transportation (INDOT) project.

Title 15 Changes: A Title 15 amendment will be proposed to Council to add the intersections to the list of signalized intersections.

Recommendation:
Staff recommends that the Commission forward the Title 15 changes to Council with a positive recommendation.