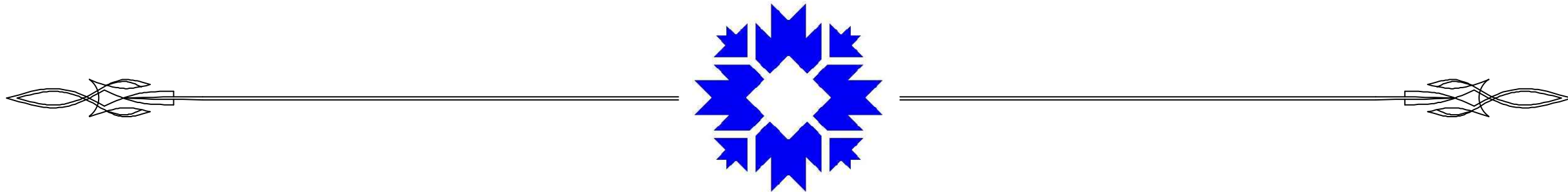
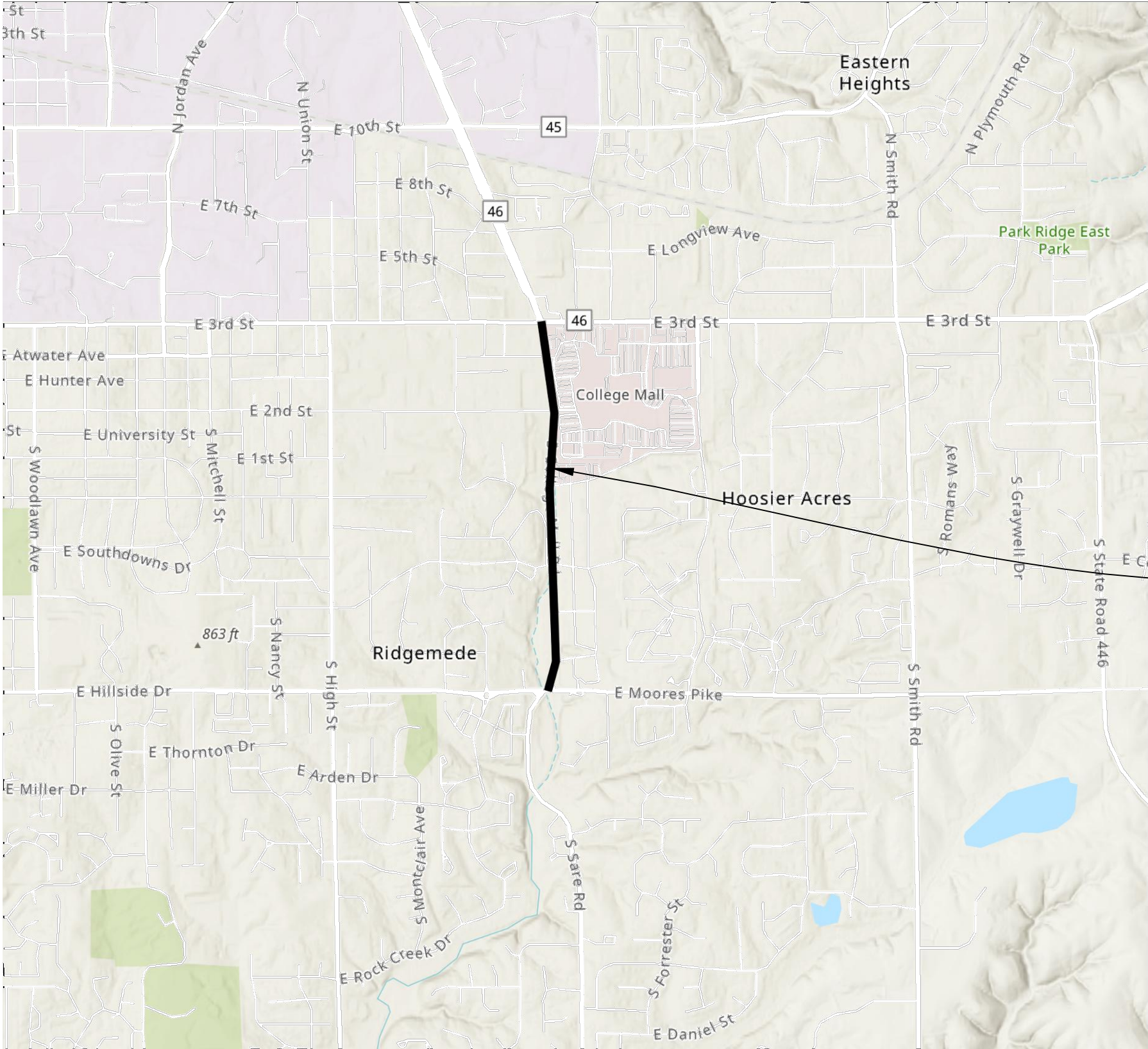


CITY OF BLOOMINGTON



SOUTH COLLEGE MALL ROAD REPAVING

ROUTE: SOUTH COLLEGE MALL ROAD FROM EAST 3RD STREET TO EAST MOORES PIKE, WEST HALF
SECTION 02, T-8-N, R-1-W, PERRY TOWNSHIP, MONROE COUNTY, INDIANA
MILLING, CURB RAMPS, HMA PAVEMENT, AND PAVEMENT MARKING REPLACEMENT.



CITY OF BLOOMINGTON
MONROE COUNTY
INDIANA

DATA

TRAFFIC DATA		COLLEGE MALL ROAD
AADT (2019)		23169
AADT (2014 PROJECTED)		
DHV (2040 PROJECTED)		28270
DIRECTIONAL DISTRIBUTION		
TRUCKS		
DESIGN DATA		COLLEGE MALL ROAD
DESIGN SPEED		40 MPH
PROJECT DESIGN CRITERIA		PEDESTRIAN
FUNCTIONAL CLASSIFICATION		LOCAL
RURAL/URBAN		COMMERCIAL
TERRAIN		LEVEL
ACCESS CONTROL		NA

INDIANA DEPARTMENT OF TRANSPORTATION
STANDARD SPECIFICATIONS DATED 2020
AND CURRENT SUPPLEMENTS THERETO, TO
BE USED WITH THESE PLANS

UTILITIES	
City of Bloomington Parking Enforcement 401 N Morton Street Suite #120 Raye Ann Cox 812-349-3436	City of Bloomington Street Department 1981 South Henderson St Joe Vandeventer 812-349-3448
Water and Sewer City of Bloomington Utility Department 600 E Miller Drive Bloomington, IN 47401 Jane Fleig 812-339-1444	Gas Vectren 205 S Madison St Bloomington, IN 47404 812-330-4009
Electricity Duke Energy 1100 West 2nd Street Bloomington, IN 47403 Kerry Ducker 812-337-3035	

GENERAL NOTES	
**	Existing utilities: Existing buried utilities shown in the plan are shown in accordance with the available records and field information available to the engineer. Other utilities may also be present. It is anticipated that numerous buried utility lines are likely to be encountered during construction. The contractor shall be responsible for field locating and coordinating with the owners of the existing utilities to determine the location of their buried facilities. The contractor shall contact City Engineering of any conflicts between existing utilities and proposed work.
**	Maintenance of traffic (vehicular and pedestrian): Continuous maintenance of access to business and residences shall be provided along with protection of the public from construction activities at all times. Temporary traffic control shall be provided by the contractor and in accordance with the latest addition of the Indiana MUTCD. Contractor shall be responsible for keeping the project site in a neat and safe condition at all times.
**	Install all pavement markings as shown on plans.
**	Use manufactures recommended primer on all thermoplastic pavement markings that are being applied to concrete pavement or worn asphalt pavement.
**	Pavement marking dimensions shown on plans are from the face of curb or the center of the line. For double lane lines dimensions are to the point between the lane lines.
**	Detectable warning elements shall comply with the City's Approved Material List as described in Memo 18-02. https://bloomington.in.gov/engineering/resources . All warning plates shall be cast iron.


** REPRESENTS GENERAL NOTES REQUIRED

INDEX TO SHEETS	
SHEET NO.	DRAWING INDEX
1	TITLE SHEET
2	INDEX AND GENERAL NOTES
3	DETAILS
4	COLLEGE MALL ROAD, 0+00 TO 12+40
5	COLLEGE MALL ROAD, 12+40 TO 25+20
6	COLLEGE MALL ROAD, 25+20 TO 38+00
7	COLLEGE MALL ROAD, 38+00 TO 50+50
8	2ND STREET, 0+00 TO 04+42

REVISIONS		
SHEET NO.	DATE	REVISED

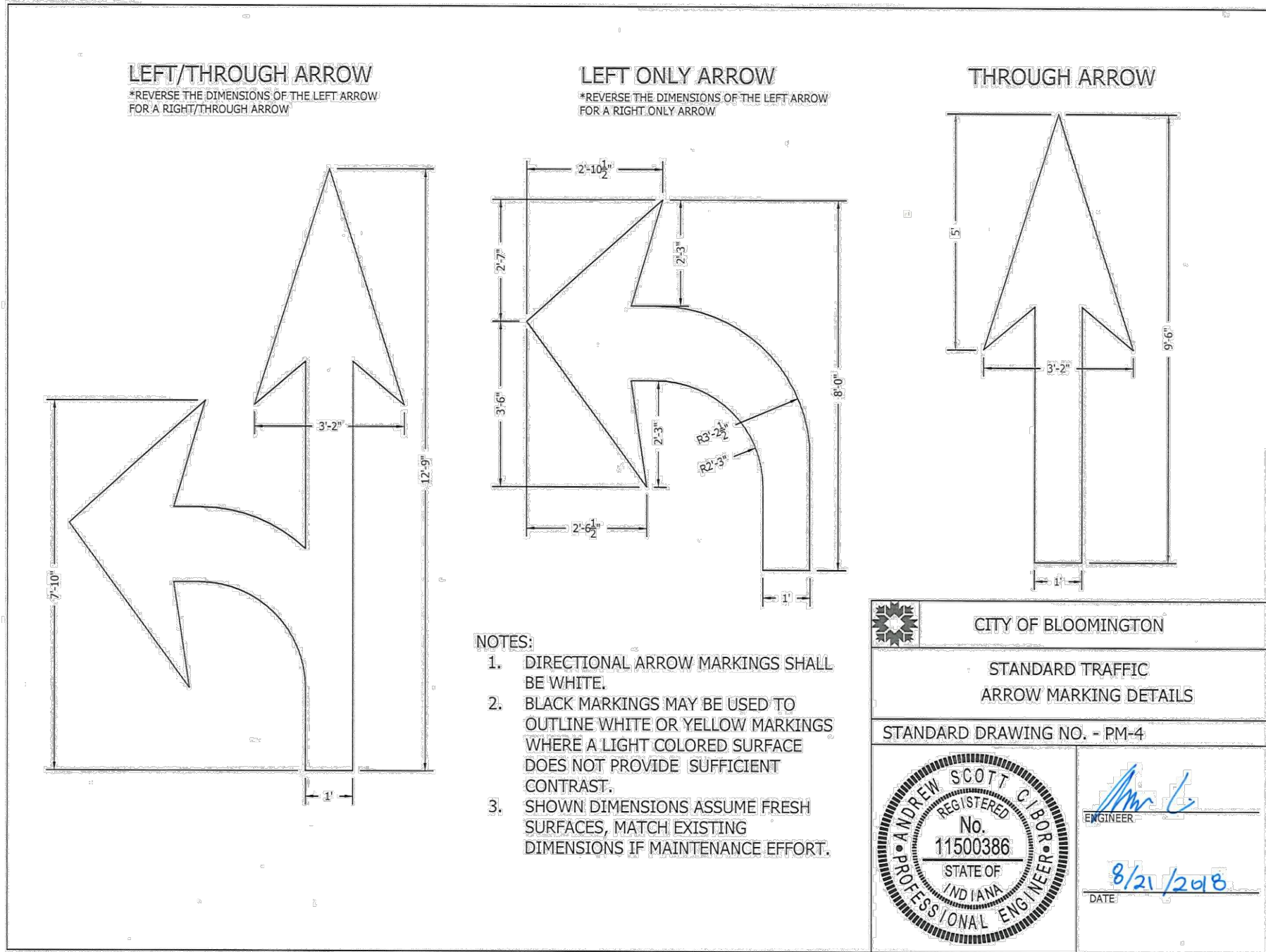
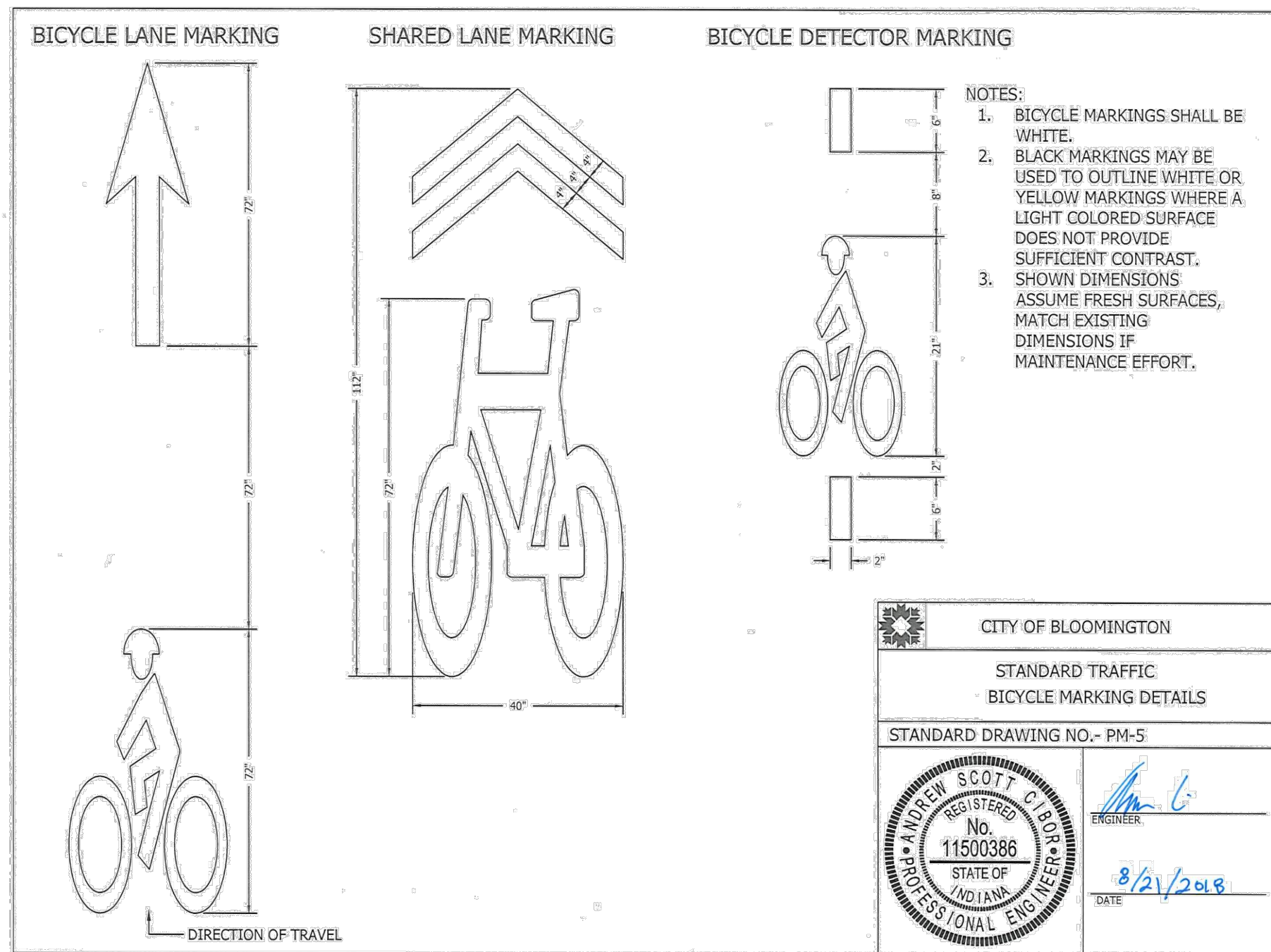
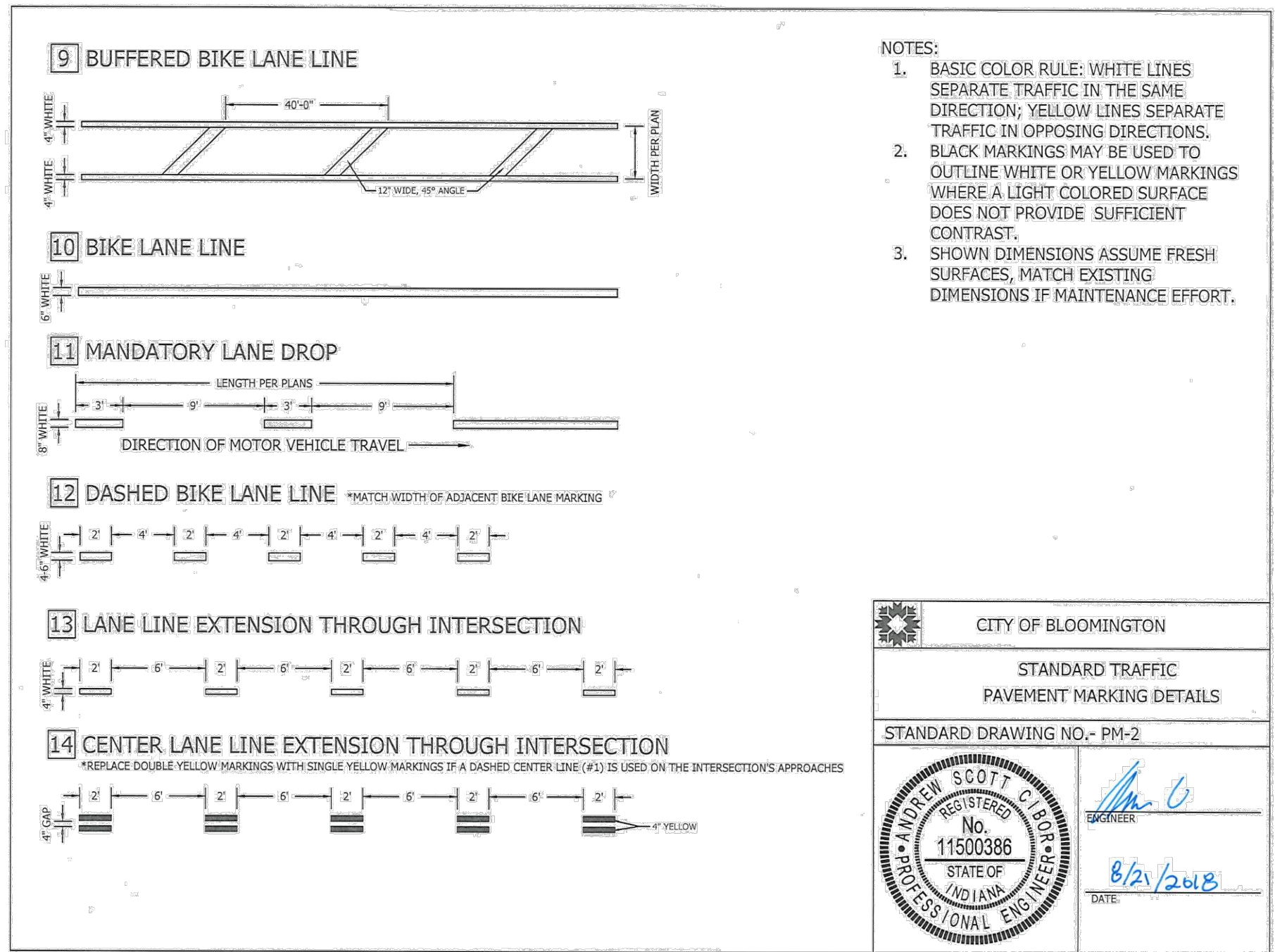
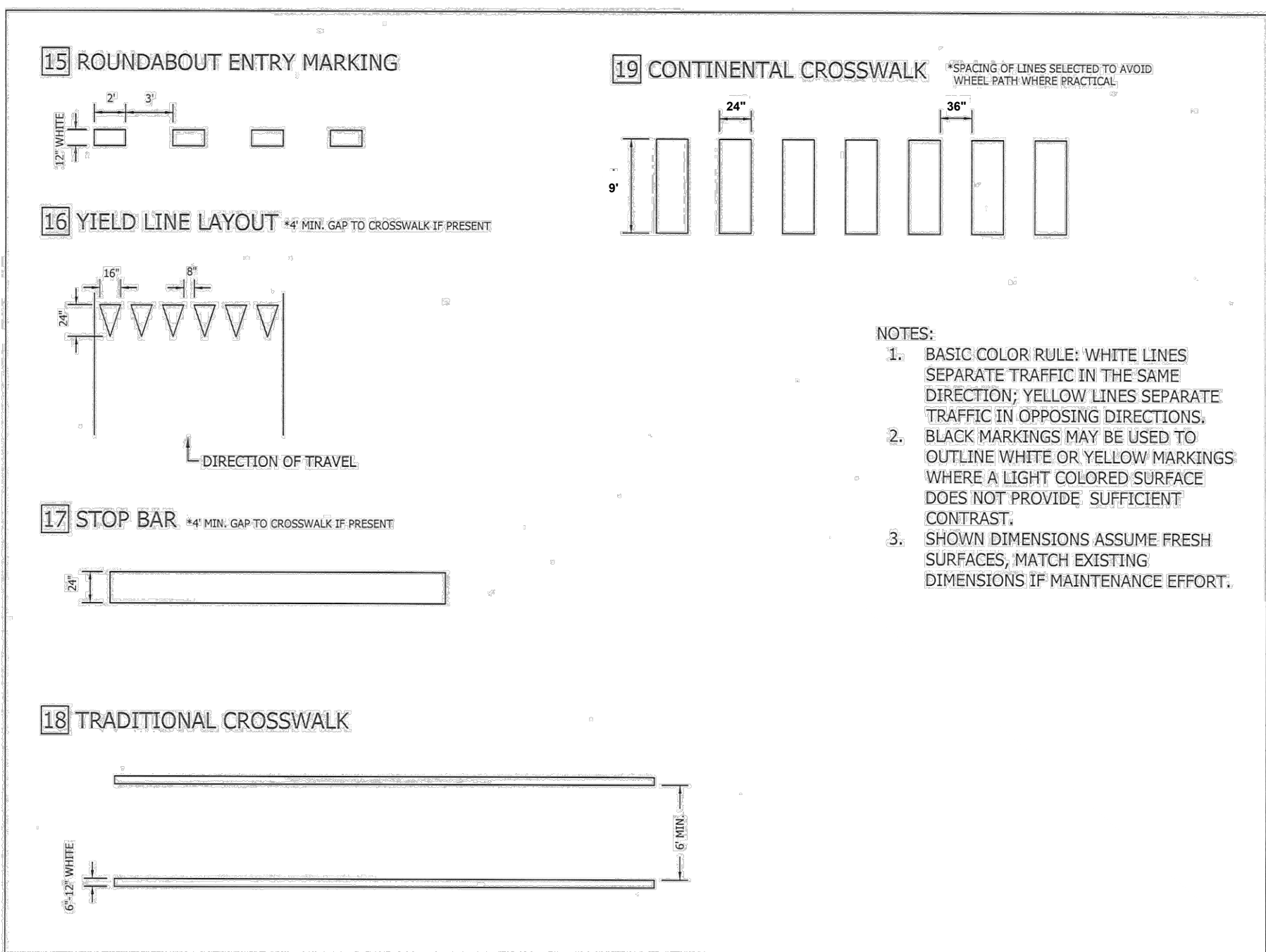
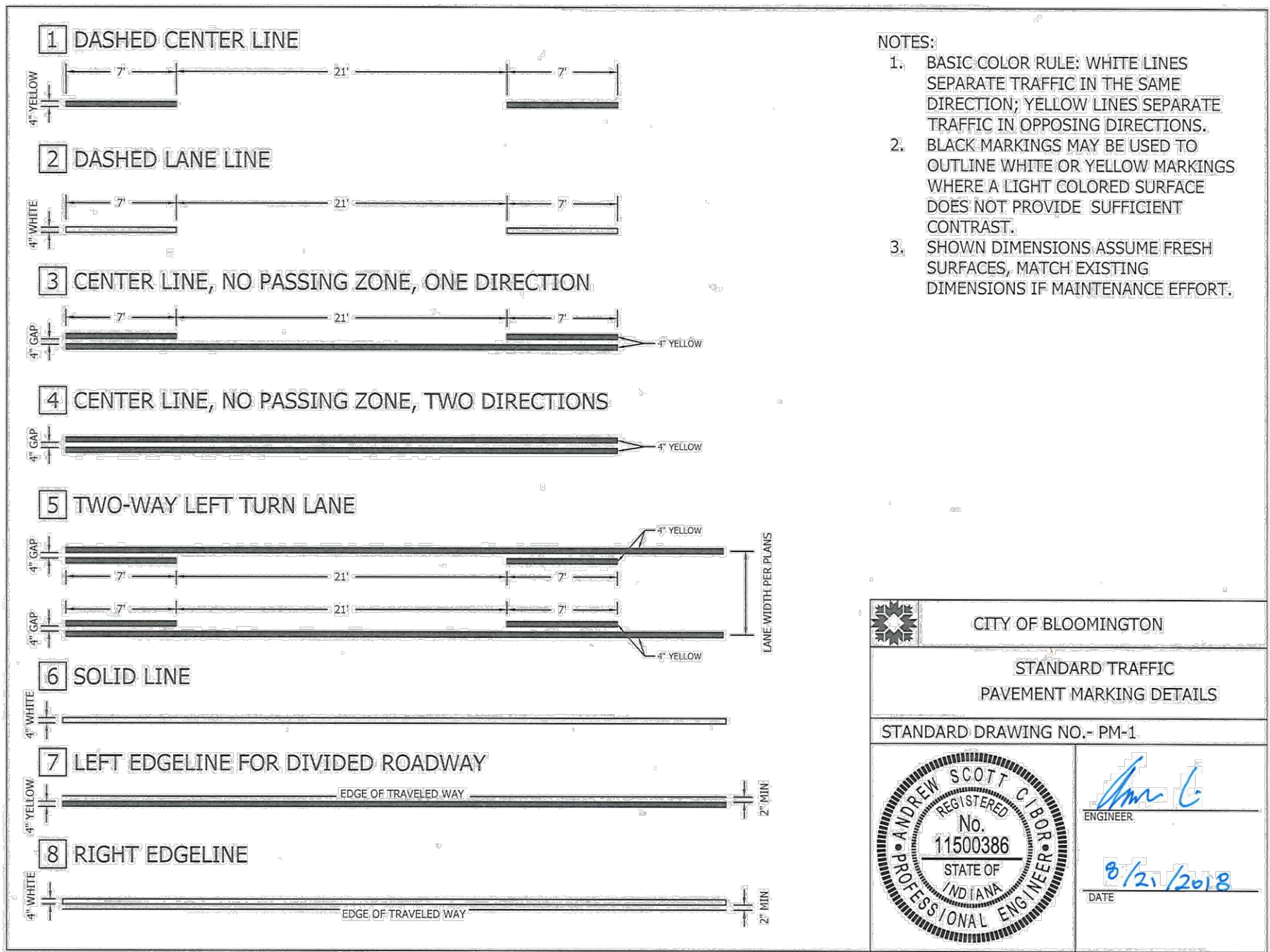
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RECOMMENDED FOR APPROVAL		7/14/2020
	CITY ENGINEER	DATE
DESIGNED: _____	DRAWN: REA _____	
CHECKED: _____	CHECKED: _____	

CITY OF BLOOMINGTON ENGINEERING DEPARTMENT
COLLEGE MALL ROAD GENERAL NOTES

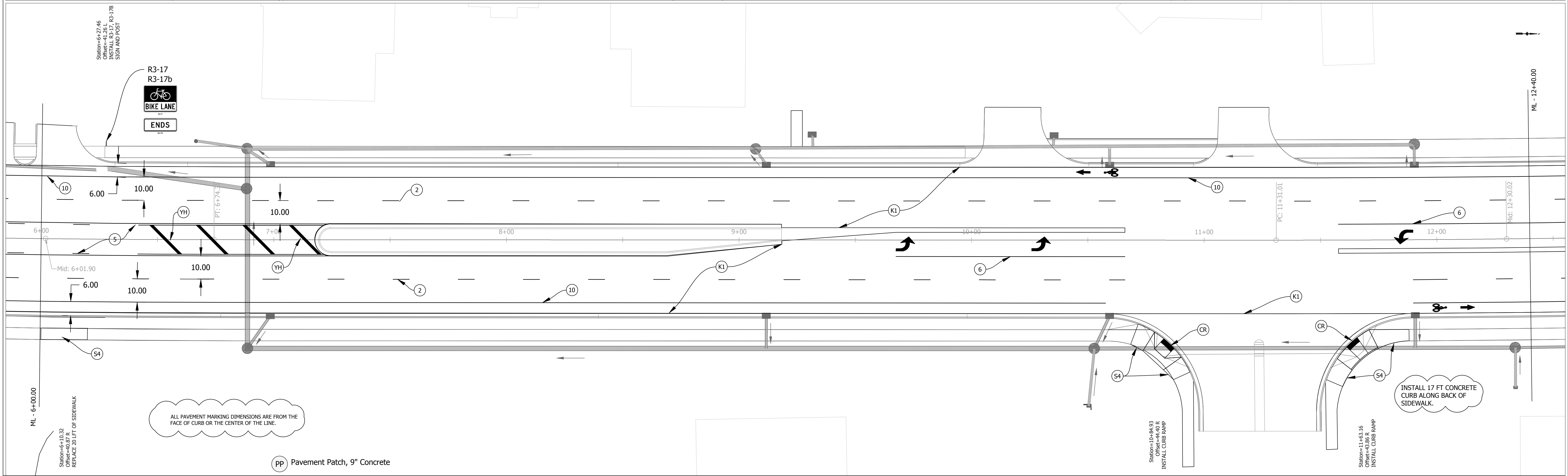
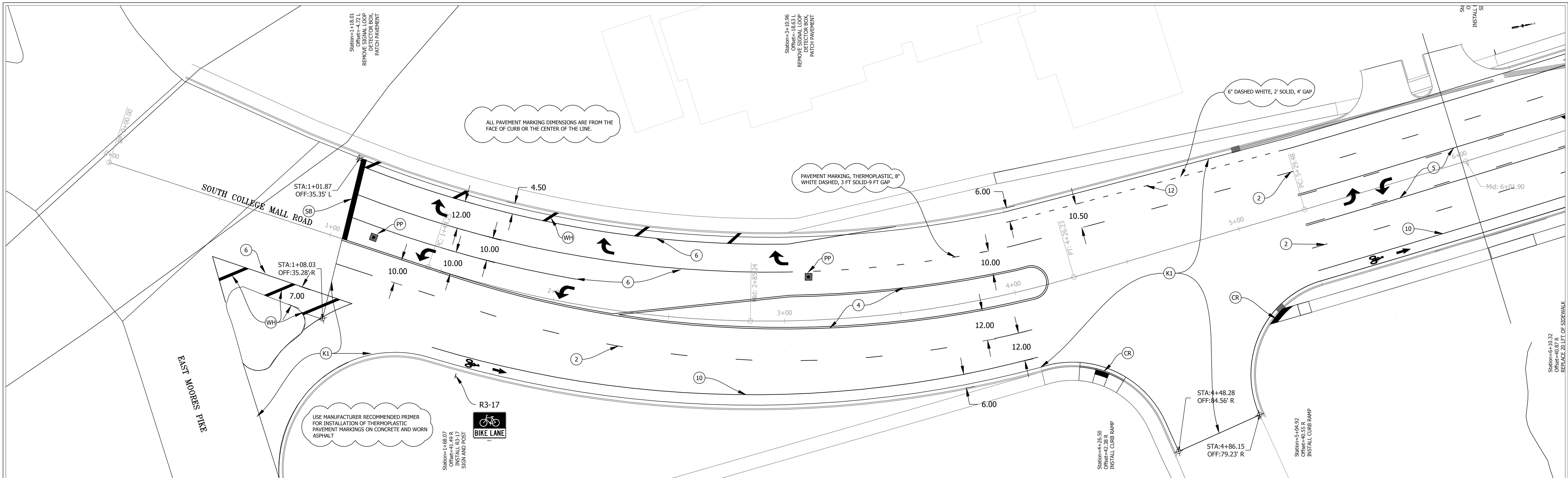
HORIZONTAL SCALE	BRIDGE FILE
VERTICLE SCALE	DESIGNATION
SURVEY BOOK	SHEETS
CONTRACT	2 of 8
	PROJECT



RECOMMENDED FOR APPROVAL	<i>Neil Koppa</i>	7/14/2020
DESIGNED:	DRAWN: REA	DATE
CHECKED:	CHECKED:	

CITY OF BLOOMINGTON
ENGINEERING DEPARTMENT
COLLEGE MALL ROAD
DETAILS

HORIZONTAL SCALE	BRIDGE FILE
VERTICLE SCALE	DESIGNATION
SURVEY BOOK	SHEETS
CONTRACT	3 of 8 PROJECT



- | | | |
|---|---|--|
| 2 Pavement Marking, 4" Thermoplastic, White, Dashed Lane Line | 10 Pavement Markings, 6" Thermoplastic, White, Bike Lane Line | 12 Pavement Markings, 6" Thermoplastic, White, Dashed Bike Lane Line |
| 4 Pavement Marking, 4" Thermoplastic, Yellow, Solid Center Line | YH Pavement Marking, 12" Thermoplastic, Yellow, Cross Hatch | S4 Sidewalk, 4 IN concrete on 4 IN compacted aggregate. |
| 5 Pavement Marking, 4" Thermoplastic, Yellow, Two-way Left Turn | WH Pavement Marking, 12" Thermoplastic, White, Cross Hatch | CR Concrete Curb Ramp with detectable plates. |
| 6 Pavement Marking, 4" Thermoplastic, White, Solid Line | SB Pavement Marking, 24" Thermoplastic, Stop Bar | K1 Mill 1 1/2", Pave 165# HMA Surface Type B |

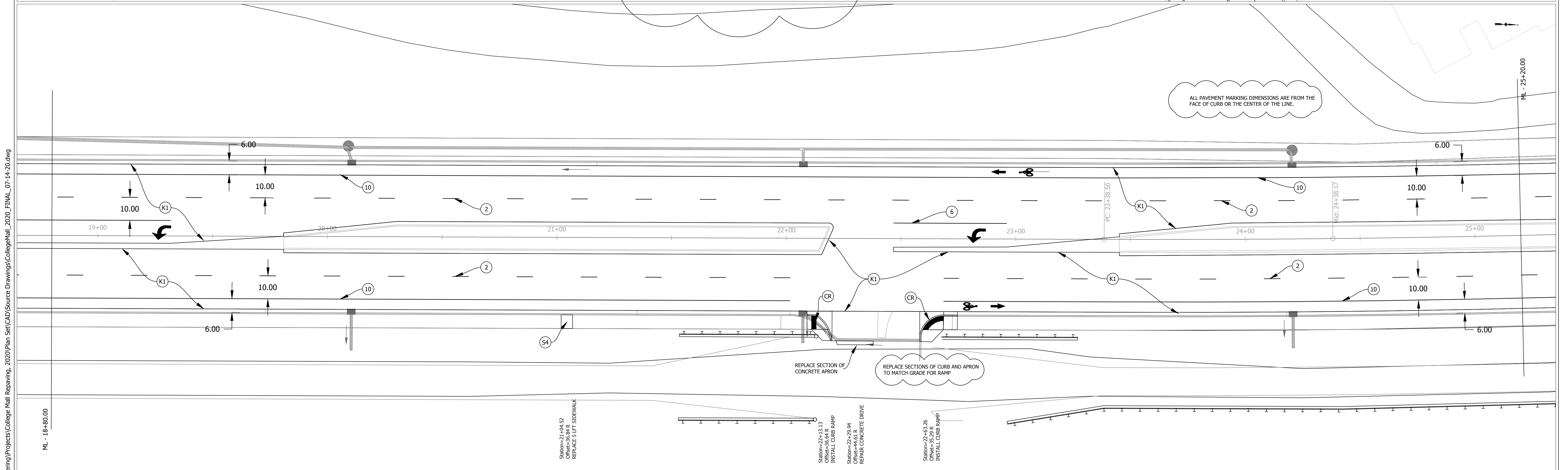


RECOMMENDED FOR APPROVAL	<i>Neil H. Koppa</i>	7/14/2020
DESIGNED:	DRAWN: REA	DATE
CHECKED:	CHECKED:	

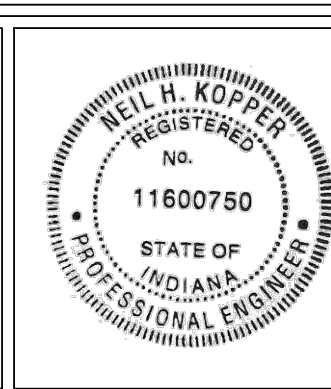
**CITY OF BLOOMINGTON
ENGINEERING DEPARTMENT**


COLLEGE MALL ROAD
0+00 TO 12+40

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE
VERTICLE SCALE	DESIGNATION
SURVEY BOOK	SHEETS 4 of 8
CONTRACT	PROJECT



2 Pavement Marking, 4" Thermoplastic, White, Dashed Lane Line	10 Pavement Markings, 6" Thermoplastic, White, Bike Lane Line	12 Pavement Markings, 6" Thermoplastic, White, Dashed Bike Lane Line
4 Pavement Marking, 4" Thermoplastic, Yellow, Solid Center Line	YH Pavement Marking, 12" Thermoplastic, Yellow, Cross Hatch	S4 Sidewalk, 4 IN concrete on 4 IN compacted aggregate.
5 Pavement Marking, 4" Thermoplastic, Yellow, Two-way Left Turn	WH Pavement Marking, 12" Thermoplastic, White, Cross Hatch	CR Concrete Curb Ramp with detectable plates.
6 Pavement Marking, 4" Thermoplastic, White, Solid Line	SB Pavement Marking, 24" Thermoplastic, Stop Bar	K1 Mill 1 1/2", Pave 165# HMA Surface Type B

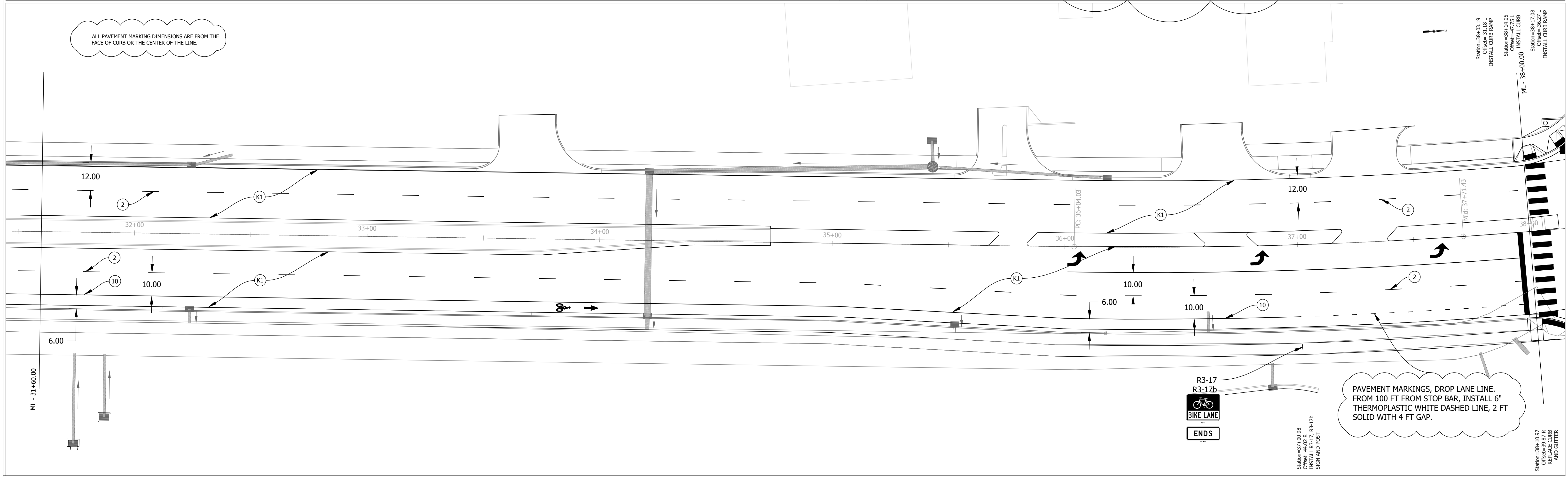
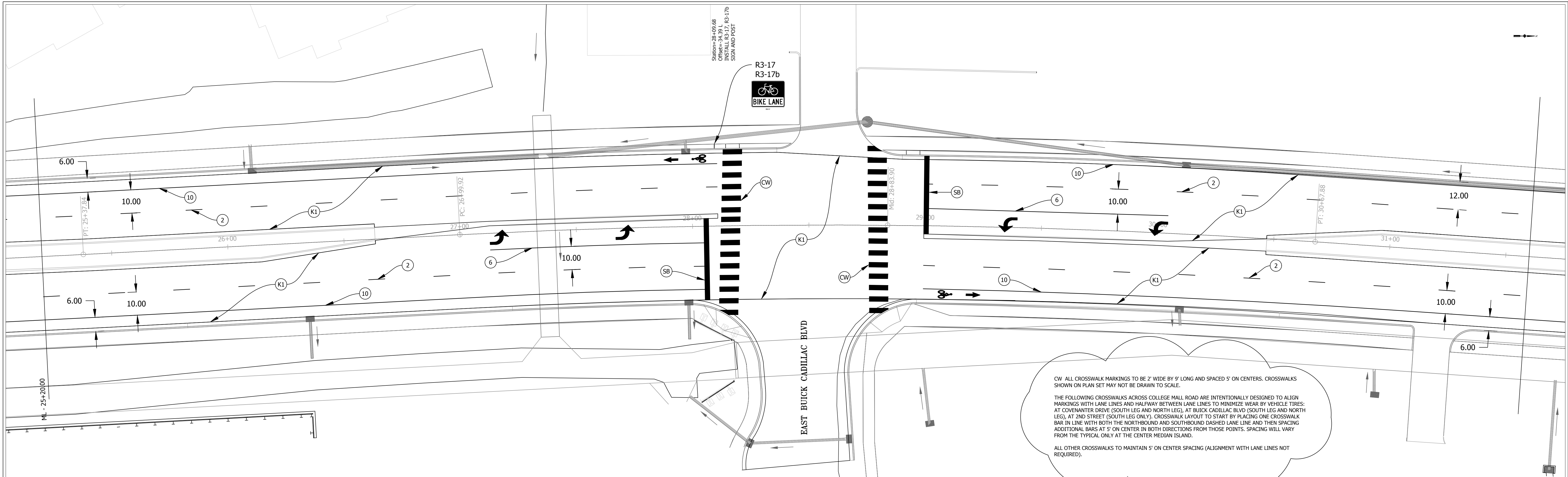


RECOMMENDED FOR APPROVAL		7/14/2020
	CITY ENGINEER	DATE
DESIGNED:	DRAWN: REA	
CHECKED:	CHECKED:	

<h1 style="margin: 0;">CITY OF BLOOMINGTON</h1> <h2 style="margin: 0;">ENGINEERING DEPARTMENT</h2>	<h3 style="margin: 0;">COLLEGE MALL ROAD</h3> <h3 style="margin: 0;">12+40 TO 25+20</h3>
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HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICLE SCALE	DESIGNATION
SURVEY BOOK	SHEETS
	5 of 8
CONTRACT	PROJECT

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- | | | |
|---|---|--|
| 2 Pavement Marking, 4" Thermoplastic, White, Dashed Lane Line | 10 Pavement Markings, 6" Thermoplastic, White, Bike Lane Line | 12 Pavement Markings, 6" Thermoplastic, White, Dashed Bike Lane Line |
| 4 Pavement Marking, 4" Thermoplastic, Yellow, Solid Center Line | YH Pavement Marking, 12" Thermoplastic, Yellow, Cross Hatch | S4 Sidewalk, 4 IN concrete on 4 IN compacted aggregate. |
| 5 Pavement Marking, 4" Thermoplastic, Yellow, Two-way Left Turn | WH Pavement Marking, 12" Thermoplastic, White, Cross Hatch | CR Concrete Curb Ramp with detectable plates. |
| 6 Pavement Marking, 4" Thermoplastic, White, Solid Line | SB Pavement Marking, 24" Thermoplastic, Stop Bar | K1 Mill 1 1/2", Pave 165# HMA Surface Type B |



RECOMMENDED FOR APPROVAL	<i>Neil H. Kopper</i>	7/14/2020
DESIGNED:	DRAWN:	DATE
CHECKED:	CHECKED:	

**CITY OF BLOOMINGTON
ENGINEERING DEPARTMENT**

COLLEGE MALL ROAD
25+20 TO 38+00

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE
VERTICLE SCALE	DESIGNATION
SURVEY BOOK	SHEETS
CONTRACT	6 of 8 PROJECT



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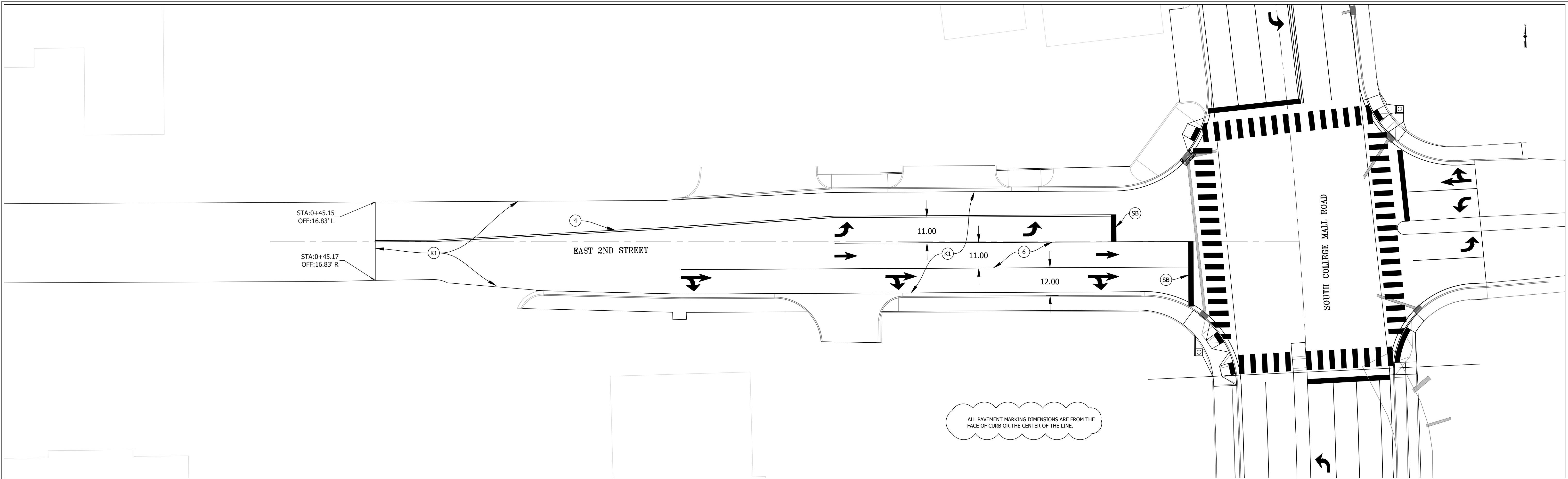
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- | | | |
|---|---|--|
| 2 Pavement Marking, 4" Thermoplastic, White, Dashed Lane Line | YH Pavement Marking, 12" Thermoplastic, Yellow, Cross Hatch | 12 Pavement Markings, 6" Thermoplastic, White, Dashed Bike Lane Line |
| 4 Pavement Marking, 4" Thermoplastic, Yellow, Solid Center Line | WH Pavement Marking, 12" Thermoplastic, White, Cross Hatch | S4 Sidewalk, 4 IN concrete on 4 IN compacted aggregate. |
| 6 Pavement Marking, 4" Thermoplastic, White, Solid Line | SB Pavement Marking, 24" Thermoplastic, Stop Bar | CR Concrete Curb Ramp with detectable plates. |
| 10 Pavement Markings, 6" Thermoplastic, White, Bike Lane Line | PP Pavement Patch, 9" Concrete | K1 Mill 1 1/2", Pave 165# HMA Surface Type B |



RECOMMENDED FOR APPROVAL	<i>Neil H. Koppar</i>	7/14/2020
DESIGNED:	DRAWN:	DATE
CITY ENGINEER	REA	
CHECKED:	CHECKED:	

**CITY OF BLOOMINGTON
ENGINEERING DEPARTMENT**

**EAST SECOND STREET
0+00 TO 04+42**

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE
VERTICLE SCALE	DESIGNATION
SURVEY BOOK	SHEETS
CONTRACT	8 of 8 PROJECT