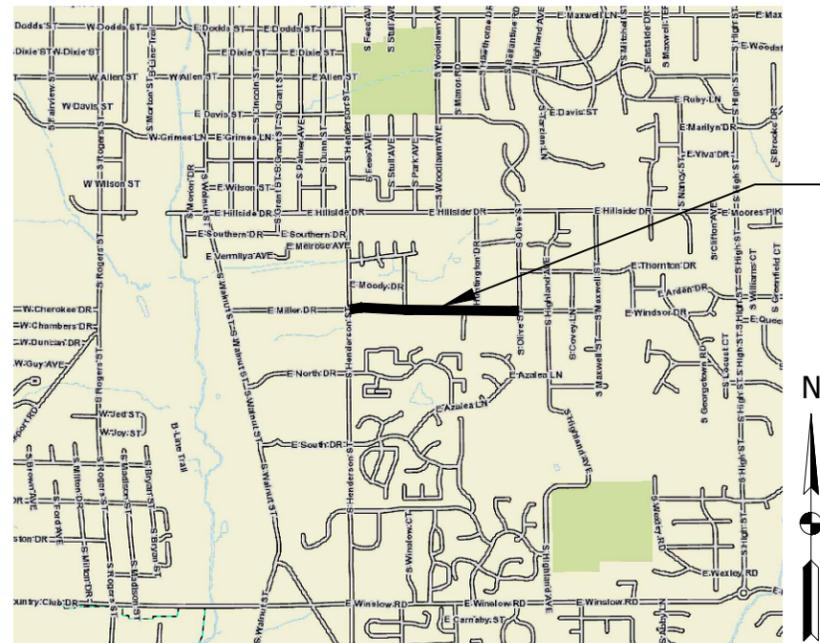




EAST MILLER DRIVE TRAFFIC CALMING PROJECT

SOUTH HENDERSON STREET TO SOUTH OLIVE STREET
SPEED CUSHION INSTALLATION



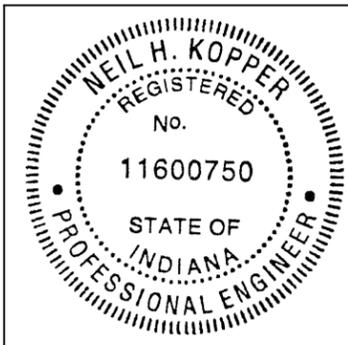
PROJECT LOCATION

N.T.S.

CITY OF BLOOMINGTON, MONROE COUNTY, INDIANA
SECTION 09 TOWNSHIP 8N RANGE 1W
LATITUDE: 39.14686035809082 N LONGITUDE: 86.52209152454991 W

INDIANA DEPARTMENT OF TRANSPORTATION 2024 STANDARD
SPECIFICATIONS TO BE USED WITH THIS PLAN SET

PLOTTED: Wednesday, November 22, 2023 8:40:14 AM



RECOMMENDED FOR APPROVAL

Neil H. Kopper 11/22/2023
ENGINEER DATE

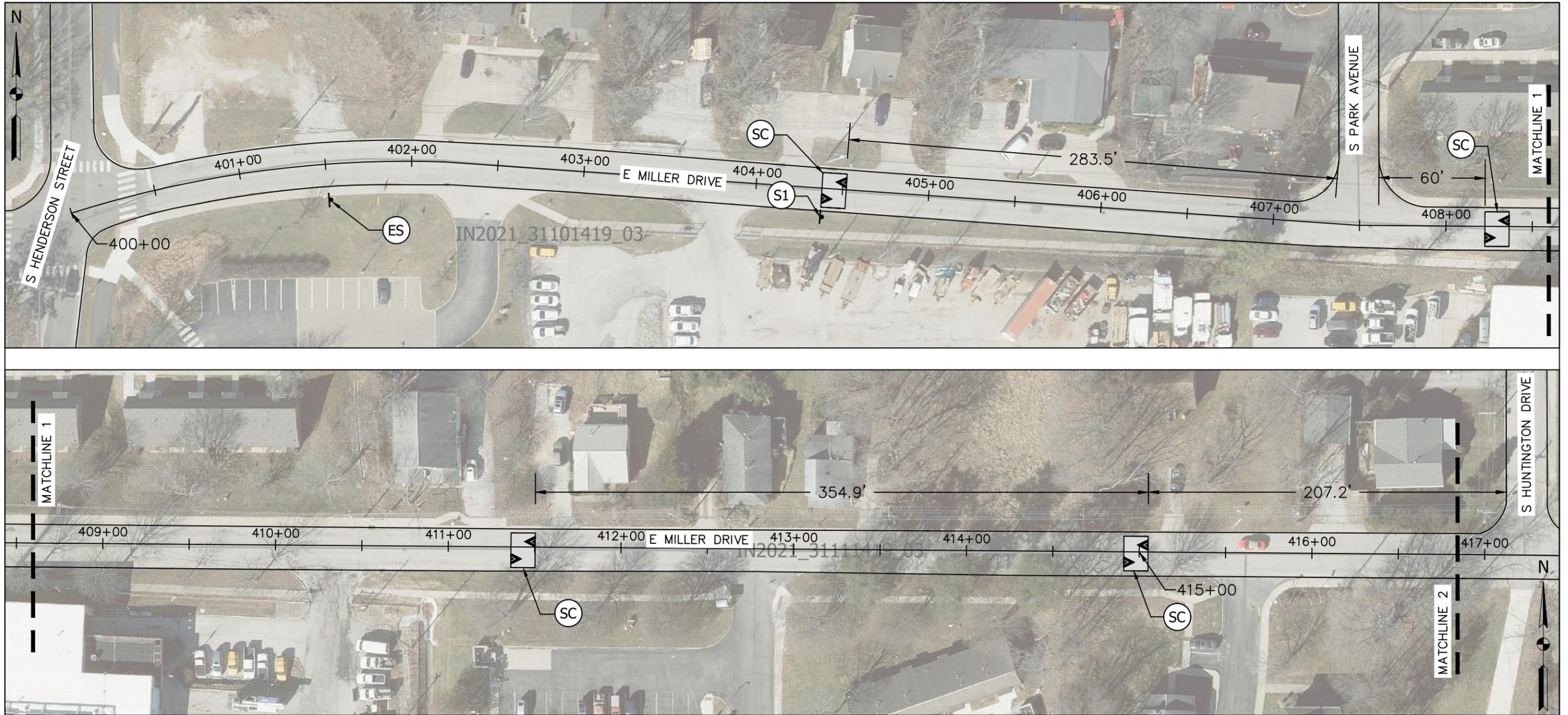
DESIGNED: NHK DRAWN: KCK

CHECKED: KCK CHECKED: NHK



PROJECT NAME:
EAST MILLER DRIVE
TRAFFIC CALMING

HORIZONTAL SCALE	BRIDGE FILE
N.T.S.	N/A
VERTICAL SCALE	DESIGNATION
N.T.S.	N/A
SURVEY BOOK	SHEETS
N/A	1 of 4
CONTRACT	PROJECT #
N/A	N/A



PLOTTED: Wednesday, November 22, 2023 8:40:18 AM

LEGEND	INSTALL 14FT WIDE SPEED CUSHION AND SPEED CUSHION MARKINGS PER DETAIL ON DETAIL SHEET	PROPOSED W17-1 "SPEED HUMP" SIGN, 30"X30", WITH W13-1P (20MPH), 18"X18", 7FT MOUNTING HEIGHT	REPLACE EXISTING "SPEED LIMIT 30" SIGN WITH R2-1 "SPEED LIMIT 25", 24"X30"
NOTES	(SC)	(S1)	(ES)
1.	BASEMAP HAS BEEN PREPARED FROM GIS INFORMATION AND HAS NOT BEEN SURVEYED. CONTRACTOR TO INFORM ENGINEER IF FIELD CONDITIONS REQUIRE MODIFICATIONS TO THE DESIGN. ALL DIMENSIONS GIVEN ON THIS SHEET ARE APPROXIMATE. SEE THE DETAILS SHEET FOR NOTES ON WHICH DIMENSIONS ARE VARIABLE AND WHICH ARE FIXED. STATIONING IS FOR REFERENCE PURPOSES ONLY.		
2.	CONTRACTOR TO CALL 811 TO VERIFY THE LOCATIONS OF UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION WORK. NOTIFY ENGINEER IF THE PRESENCE OF UNDERGROUND UTILITIES REQUIRES DESIGN MODIFICATIONS.		



RECOMMENDED FOR APPROVAL	
	11/22/2023
ENGINEER	DATE
DESIGNED: <u>NHK</u>	DRAWN: <u>KCK</u>
CHECKED: <u>KCK</u>	CHECKED: <u>NHK</u>

CITY OF BLOOMINGTON ENGINEERING

PROJECT NAME:
EAST MILLER DRIVE TRAFFIC CALMING

HORIZONTAL SCALE	BRIDGE FILE
1" = 60'	N/A
VERTICAL SCALE	DESIGNATION
1" = 60'	N/A
SURVEY BOOK	SHEETS
N/A	2 of 4
CONTRACT	PROJECT #
N/A	N/A



SIGN NOTES

1. ALL PROPOSED SIGNS ARE TO MEET THE REQUIREMENTS GIVEN IN THE LATEST ISSUE OF THE INDIANA MANUAL ON TRAFFIC CONTROL DEVICES.
2. ALL PROPOSED SPEED HUMP SIGNS SHALL HAVE SQUARE 2" X 2" 12 GAUGE (TYPE 2) POSTS WITH UNREINFORCED ANCHORS (14 FOOT POST LENGTH).
3. MOUNTING HEIGHT IS THE DISTANCE FROM THE BOTTOM OF THE SIGN TO THE GROUND SURFACE OR IMPROVED SURFACE ELEVATION. MOUNTING HEIGHT IS TO BE 7FT.
4. EXISTING SIGNS TO BE REPLACED MAY USE THE EXISTING POSTS.

LEGEND	INSTALL 14FT WIDE SPEED CUSHION AND SPEED CUSHION MARKINGS PER DETAIL ON DETAIL SHEET	PROPOSED W17-1 "SPEED HUMP" SIGN, 30"X30", WITH W13-1P (20MPH), 18"X18", 7FT MOUNTING HEIGHT	REPLACE EXISTING "SPEED LIMIT 30" SIGN WITH R2-1 "SPEED LIMIT 25", 24"X30"
NOTES	SC	S1	ES
1.	BASEMAP HAS BEEN PREPARED FROM GIS INFORMATION AND HAS NOT BEEN SURVEYED. CONTRACTOR TO INFORM ENGINEER IF FIELD CONDITIONS REQUIRE MODIFICATIONS TO THE DESIGN. ALL DIMENSIONS GIVEN ON THIS SHEET ARE APPROXIMATE. SEE THE DETAILS SHEET FOR NOTES ON WHICH DIMENSIONS ARE VARIABLE AND WHICH ARE FIXED. STATIONING IS FOR REFERENCE PURPOSES ONLY.		
2.	CONTRACTOR TO CALL 811 TO VERIFY THE LOCATIONS OF UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION WORK. NOTIFY ENGINEER IF THE PRESENCE OF UNDERGROUND UTILITIES REQUIRES DESIGN MODIFICATIONS.		



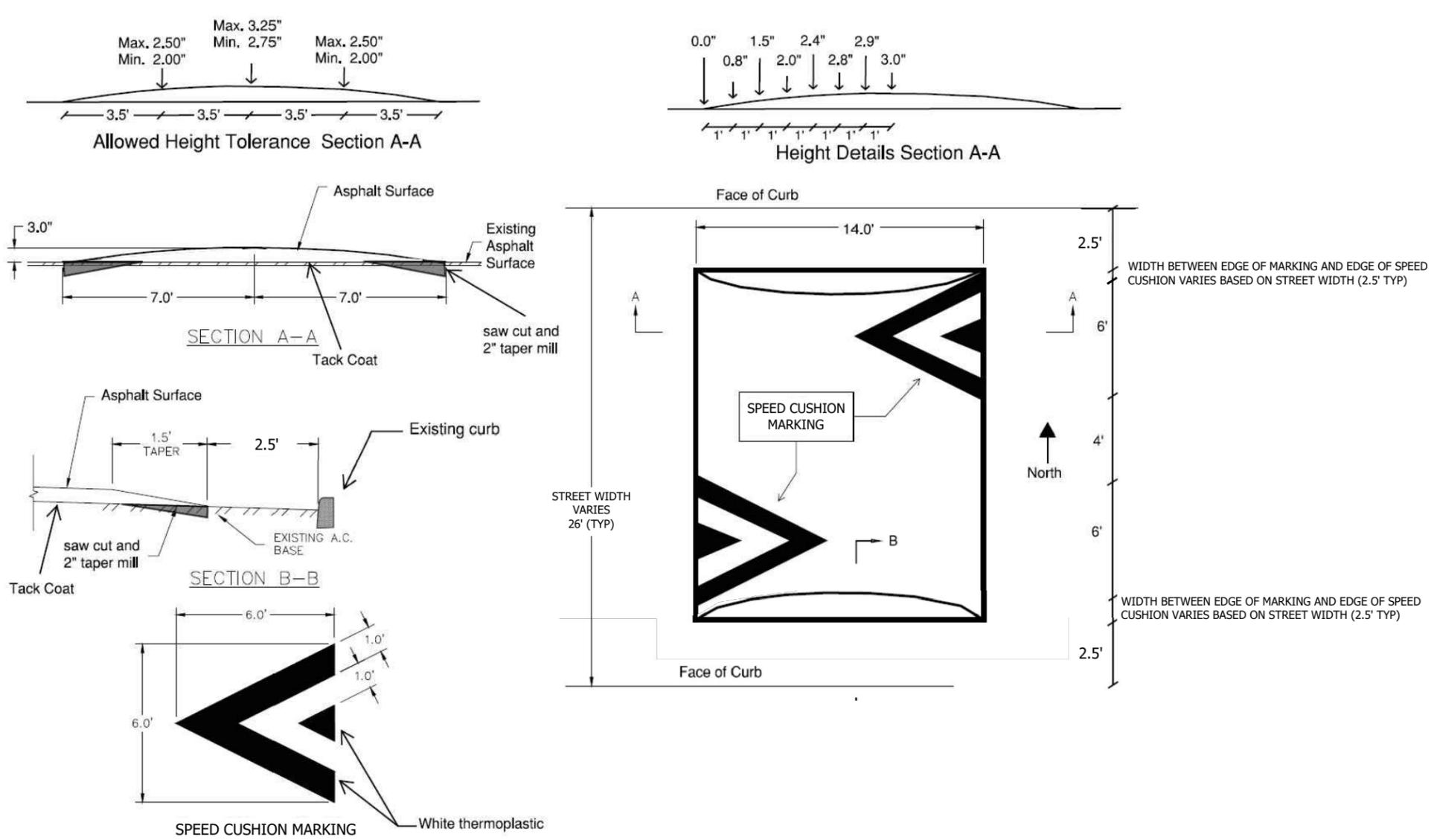
RECOMMENDED FOR APPROVAL	
<i>[Signature]</i>	11/22/2023
ENGINEER	DATE
DESIGNED: <u>NHK</u>	DRAWN: <u>KCK</u>
CHECKED: <u>KCK</u>	CHECKED: <u>NHK</u>

CITY OF BLOOMINGTON
ENGINEERING

PROJECT NAME:
EAST MILLER DRIVE TRAFFIC CALMING

HORIZONTAL SCALE	BRIDGE FILE
1" = 60'	N/A
VERTICAL SCALE	DESIGNATION
1" = 60'	N/A
SURVEY BOOK	SHEETS
N/A	3 of 4
CONTRACT	PROJECT #
N/A	N/A

PLOTTED: Wednesday, November 22, 2023 8:40:22 AM



14FT SPEED CUSHION DETAIL
N.T.S.

PLOTTED: Wednesday, November 22, 2023 8:40:26 AM

FILE: MILLER TRAFFIC CALMING.DWG



RECOMMENDED FOR APPROVAL	
	11/22/2023
ENGINEER	DATE
DESIGNED: <u>NHK</u>	DRAWN: <u>KCK</u>
CHECKED: <u>KCK</u>	CHECKED: <u>NHK</u>

CITY OF BLOOMINGTON ENGINEERING

PROJECT NAME:
EAST MILLER DRIVE
TRAFFIC CALMING

HORIZONTAL SCALE	BRIDGE FILE
N.T.S.	N/A
VERTICAL SCALE	DESIGNATION
N.T.S.	N/A
SURVEY BOOK	SHEETS
N/A	4 of 4
CONTRACT	PROJECT #
N/A	N/A