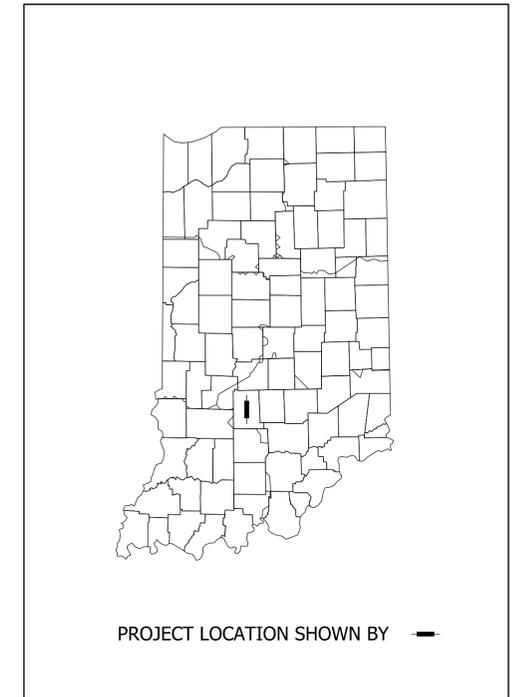


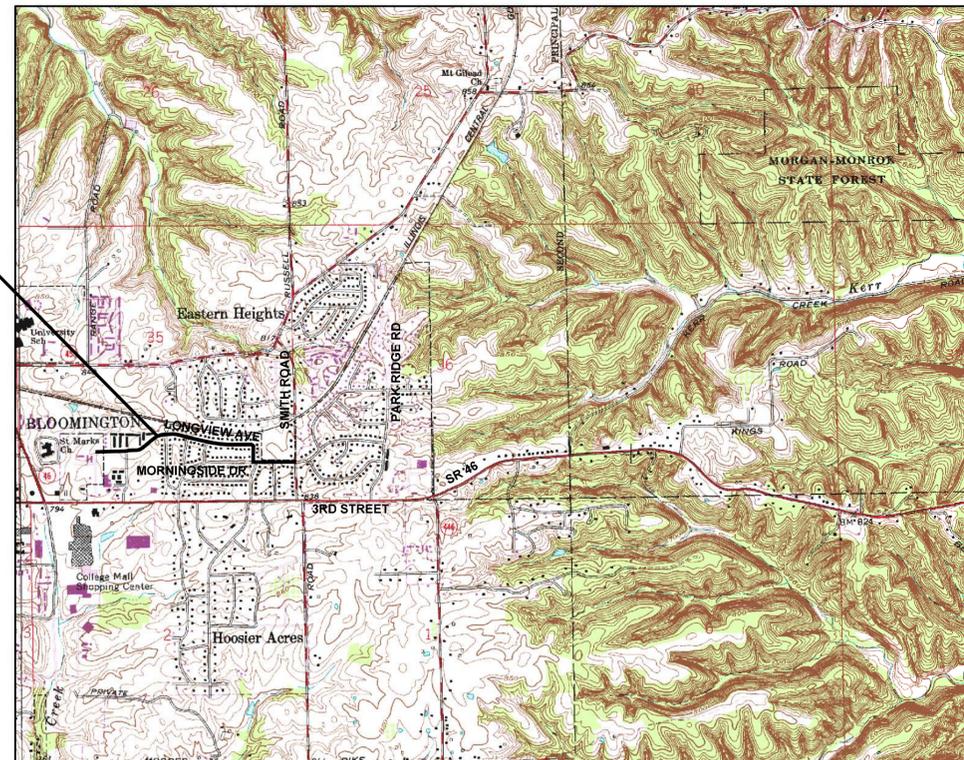
CITY OF BLOOMINGTON ENGINEERING DEPARTMENT



LONGVIEW AVENUE GREENWAY PETE ELLIS DRIVE TO SMITH ROAD



PROJECT LOCATION



PROJECT LOCATION MAP
CITY OF BLOOMINGTON, MONROE COUNTY

INDIANA DEPARTMENT OF TRANSPORTATION
STANDARD SPECIFICATIONS CURRENT EDITION
TO BE USED WITH THESE PLANS.



8720 Castle Creek Pkwy E Dr, Suite 400,
Indianapolis, IN 46250
<https://eticagroup.com>



PLANS PREPARED BY: ETICA GROUP, INC. (317) 370-9672
PHONE NUMBER
CERTIFIED BY: *B. Ridgway* 11-13-2024
DATE
APPROVED FOR LETTING: _____ DATE

ETICA GROUP	
230240	
SHEETS	
1	of 14
PROJECT	
230240	

LONGVIEW AVENUE GREENWAY

UTILITIES

CABLE TELEVISION
COMCAST
ATTN: STEVE McARTOR
2450 SOUTH HENDERSON ST.
BLOOMINGTON, IN 47401
(812) 360-3090

GAS
CENTERPOINT ENERGY
ATTN: ARIEL THOMAS
205 SOUTH MADISON
BLOOMINGTON, IN 47404
(812) 330-4018
ariel.thomas@centerpoint.com

DATA
BLOOMINGTON DIGITAL UNDERGROUND
ATTN: RICK DIETZ
ITS DEPT. CITY HALL
401 N. MORTON ST.
SUITE 150
BLOOMINGTON, IN 47404
(812) 349-3485

STORM/SANITARY/WATER
CITY OF BLOOMINGTON UTILITIES
ATTN: PHIL PEDEN
600 E. MILLER DRIVE
BLOOMINGTON, IN 47401
(812) 349-3634
pedenp@bloomington.in.gov
24-HR CONTROL OPERATOR
(812) 339-1444

ELECTRIC
DUKE (DISTRIBUTION)
ATTN: CHRISTINA GIROD
16475 SOUTH PARK DRIVE
WESTFIELD, IN 46074
(812) 273-9596
christina.girod@duke-energy.com

DUKE (GUY RELOCATION)
ATTN: RYAN SIZEMORE
(812) 337-3039
WORK ORDER No. 55592646

TELEPHONE/COMMUNICATIONS
US SIGNAL
ATTN: JOHN LUNDELL
201 IONIA AVENUE SW
GRAND RAPIDS, MI 49503
(616) 988-7117
jlundell@ussignal.com

CENTURYLINK
(FORMERLY LEVEL 3 AND GTE)
ATTN: DEWAYNE HAMILTON
4625 WEST 86TH STREET
INDIANAPOLIS, IN 46268
(317) 966-3356
dewayne.hamilton@centurylink.com

TELEPHONE/COMMUNICATIONS (CONT.)
AT & T
PRIMARY: JOHN HALL
(812) 334-4742
ALT: TOD MOORE
(812) 334-4718
4517 INDIANA BELL COURT
BLOOMINGTON, IN 47408

SMITHVILLE TELEPHONE CO.
ATTN: JOE BRYNIARSKI
1600 W. TEMPERANCE ST.
ELLETTSVILLE, IN 47429-0729
(812) 935-2262
joe.bryniarski@smithville.com

CITY OF BLOOMINGTON
CITY OF BLOOMINGTON STREET DEPARTMENT
ATTN: FREDDIE LOVE
1981 S. HENDERSON STREET
BLOOMINGTON, IN 47401
(812) 349-3448
freddie.love@bloomington.in.gov

ZAYO
ATTN: WAYLON HIGGINS
9209 CASTLE GATE DRIVE
INDIANAPOLIS, IN 46256
(765) 341-1199
waylon.higgins@zayo.com

GENERAL NOTES

1	ALL REMOVAL AND EXCAVATION ITEMS ARE TO BE PAID AS CLEARING.
2	ALL RADII ARE TO BACK OF CURB LINE.
3	USE OF INDOT STANDARD SPECIFICATIONS, UNLESS OTHERWISE PROVIDED IN THESE PLANS OR THE TECHNICAL SPECIFICATIONS, MATERIALS AND WORKMANSHIP OF THE WORK SHALL BE AS REQUIRED BY THE CURRENT EDITION OF THE INDOT STANDARD SPECIFICATIONS.
4	USE OF PROPERTY: NO MATERIALS OR EQUIPMENT SHALL BE STORED IN A LOCATION OR MANNER WHICH PRESENTS A HAZARD TO THE PUBLIC OR THE ENVIRONMENT. THE SAFEGUARD OF MATERIALS REMAINING IN THESE AREAS IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
5	COORDINATION OF DRAWINGS, TECHNICAL SPECIFICATIONS AND STANDARD SPECIFICATIONS; THE CONTRACT DOCUMENTS WHICH ARE LISTED IN THE AGREEMENT ARE INTENDED TO BE COMPLEMENTARY AND TO DESCRIBE AND PROVIDE FOR COMPLETE WORK. A REQUIREMENT APPEARING IN ONE IS BINDING AS THOUGH OCCURRING IN ALL IN CASE OF DISCREPANCY, THE FOLLOWING ORDER OF PRECEDENCE WILL APPLY: 1. CONSTRUCTION AGREEMENT. 2. INSTRUCTIONS TO BIDDERS. 3. SUPPLEMENTARY GENERAL CONDITIONS. 4. PERMITS ISSUED BY FED/STATE/LOCAL AGENCIES 5. TECHNICAL SPECIFICATIONS. 6. GENERAL CONDITIONS. 7. PROJECT DRAWINGS. 8. STANDARD SPECIFICATIONS AS PUBLISHED BY THE INDIANA DEPARTMENT OF TRANSPORTATION, CURRENT EDITION.
6	PRESENCE OF UTILITIES: MOST OF THIS PROJECT IS PRESENTED ON A GIS BASE MAP AND UTILITIES ARE NOT SHOWN. EXISTING UTILITIES THAT ARE SHOWN ON PLANS ARE APPROXIMATED IN ACCORDANCE WITH AVAILABLE RECORDS LOCATOR'S MARKINGS, AND PHYSICAL EVIDENCE. OTHER UTILITIES MAY ALSO BE PRESENT. EXACT LOCATIONS AND ELEVATIONS ARE TO BE DETERMINED BY CONTRACTOR.
7	UTILITY LOCATIONS: CONTRACTOR IS REQUIRED BY LAW TO NOTIFY INDIANA UNDERGROUND LOCATION SERVICE AT LEAST TWO WORKING DAYS PRIOR TO COMMENCING ANY EXCAVATION WORK. CONTACT NUMBER IS 811. OTHER LOCAL UTILITIES MAY NOT BE SUBSCRIBERS AND MUST BE CONTACTED INDIVIDUALLY FOR LOCATE REQUESTS.
8	STAKING: CONTRACTOR SHALL BE RESPONSIBLE FOR ALL STAKING.
9	ALL SPEED CUSHIONS LOCATIONS ARE TO BE MARKED BY CONTRACTOR AND VERIFIED WITH CITY PRIOR TO INSTALLATION. ALL SIGNS AT CUSHIONS ARE TO BE POSITIONED TO THE SET CUSHION LOCATION.
10	WHERE NEW MARKINGS ARE TO BE INSTALLED, EXISTING MARKINGS ARE TO BE REMOVED (PAID AS CLEARING)

INDEX

SHEET NO.	DRAWINGS INDEX
1	TITLE SHEET
2	INDEX / GENERAL NOTES / LEGEND / UTILITY DATA
3 - 4	MISCELLANEOUS DETAILS
5	MAINTENANCE OF TRAFFIC PLANS
6	PLAN KEY - GREENWAY PLANS
7 - 14	GREENWAY PLANS

GENERAL LEGEND (EXISTING SCREENED, PROPOSED IN BOLD)

	LIGHT POLE		WATER METER
	WATER VALVE		GAS VALVE
	INLETS		GAS METER
	HYDRANT		BOLLARD
	TREES		DOWNSPOUT
	SIGN		STORM
	POWER POLE		UNDERGROUND ELECTRIC
	MANHOLE (STORM, SANITARY)		UNDERGROUND TELEPHONE
	TELECOM MANHOLES		OVERHEAD UTILITY
	AIR CONDITIONER		WATER MAINS/WATER LINES
	TELE. RISER		GAS MAINS/LINE
	ELEC. RISER		GUARDRAIL
	TELECOM MANHOLES		WOOD FENCE
	PARKING METER		
	MAILBOX		

MAINTENANCE OF TRAFFIC AND EROSION CONTROL ITEMS

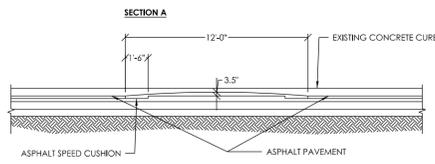
	BARRICADE (TYPE III)
	CONSTRUCTION SIGNS (SHAPE PER MUTCD)

PROPOSED ITEMS

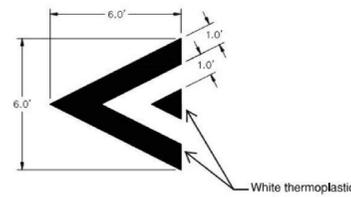
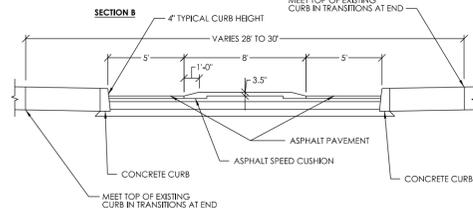
---	EXISTING R/W		ADJUST CASTING (VARIOUS CASTINGS)
	CONCRETE CURB, MOUNTABLE (PROFILE TO MATCH EXISTING)		CONSTRUCTION LIMITS
	CONCRETE CURB		RAMP, CONCRETE, 6" INCLUDING DETECTABLE WARNING PLATES (PER CITY'S APPROVED MATERIALS LIST) ON 4" COMPACTED AGGREGATE BASE NO. 53s
	ROLLED PROFILE CURB AND GUTTER		INDOT CLASS III DRIVE PER EG10-DRV-09 AND RELATED DRAWINGS. PCCP FOR APPROACHES, 9" ON 6" COMPACTED AGGREGATE NO. 53s
	CURB AND GUTTER, 24", CONCRETE		DETECTABLE WARNING PLATES (ON RADIUS, IF RADIUS LABELLED) - (MATERIAL PER CITY PRE-APPROVED MATERIAL LIST)
	MULCH SEEDED AREA - WITH CUSTOM SEED MIX (SEE TEXT BOX) WITH UP TO 18" OF FILL CONSISTING OF 6" OF TOPSOIL ON TOP OF UP TO 12" OF BORROW (WHERE STREET PAVEMENT IS TO BE REMOVED)		CONCRETE SIDEWALK, 4" ON 4" COMPACTED AGGREGATE, NO. 53s
	4" YELLOW LINE, THERMOPLASTIC		HMA FOR MULTI-USE PATH: 1.5" HMA SURFACE, TYPE B, ON 2" HMA INTERMEDIATE, TYPE B, ON 6" COMPACTED AGGREGATE NO. 53s IN TWO LIFTS, ON SUBGRADE TREATMENT, TYPE III (6" SOIL COMPACTED TO DENSITY AND MOISTURE REQUIREMENTS)
	24" WHITE LINES FOR CROSSWALKS OR STOP BARS, THERMOPLASTIC		PCCP FOR PATCHING, 9" WITH 1.5" HMA OVERLAY
	8" WHITE LINE, THERMOPLASTIC FOR CROSSWALKS		TURNING SPACE, MAX. 2% SLOPE IN ANY DIRECTION
	BIKE SYMBOLS, THERMOPLASTIC		TREE - AMERICAN YELLOWWOOD ("CLADRASTIS KENTUCKEANA"), 2" CALIPER
	WHITE CHEVRONS (FOR BIKE ROUTE), THERMOPLASTIC		TREE - AMERICAN HORNBEAM ("CARPINUS CAROLINIANA"), 2" CALIPER
	SPEED CUSHION MARKINGS, THERMOPLASTIC		
	REMOVE EXISTING SIGN AND POST		
	RESET EXISTING SIGN ON NEW TYPE I POST WITH UNREINFORCED ANCHOR BASE		
	NEW SIGN ON TYPE I POST WITH UNREINFORCED ANCHOR BASE		

(26) SEED MIX REQUIREMENTS:

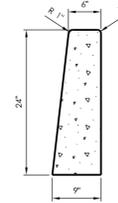
SEED MIXTURE SHALL BE 50 LBS/ACRE OF PERENNIAL RYEGRASS, 50 LBS/ACRE OF CERTIFIED COMMON KENTUCKY BLUEGRASS, AND 50 LBS/ACRE OF MERIT KENTUCKY BLUEGRASS. CONTRACTOR SHALL SEED AT A RATE OF 150 LBS/ACRE. EQUIVALENT SEED MIXTURES MAY BE APPROVED, BUT SHALL NOT CONTAIN ANY PROHIBITED PLANT SPECIES AS LISTED IN BLOOMINGTON MUNICIPAL CODE 20.04.080. CONTRACTOR SHALL NOT USE PLASTIC LANDSCAPE NETTING OR MESH FOR ANY TYPE OF PERMANENT OR TEMPORARY LANDSCAPING OR EROSION CONTROL.



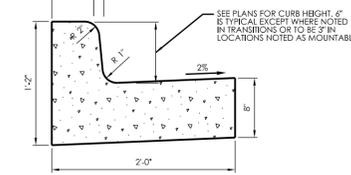
SC1 ASPHALT SPEED CUSHION - SECTION
NOT TO SCALE



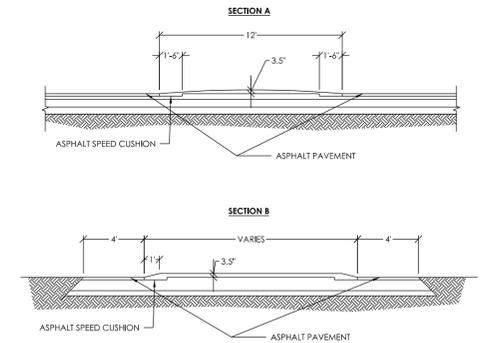
46 SPEED CUSHION MARKING
NOT TO SCALE



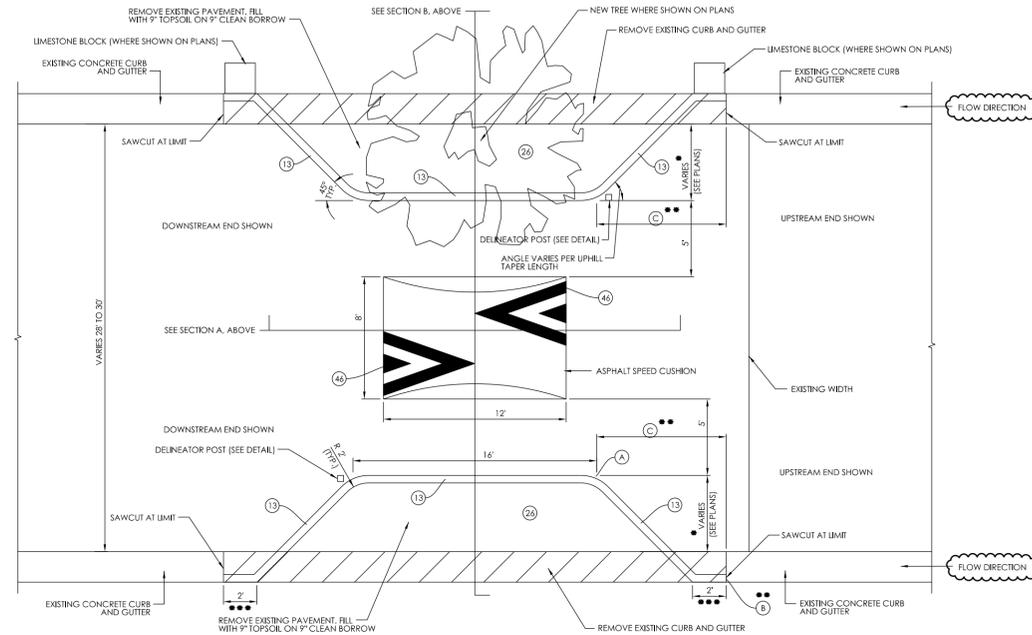
13 TYPICAL STANDING CURB
NOT TO SCALE
SEE PLANS FOR EXPOSED CURB HEIGHT.



15 CONCRETE CURB AND GUTTER
NOT TO SCALE
SEE PLANS FOR CURB HEIGHT, 6" IS TYPICAL EXCEPT WHERE NOTED IN TRANSITIONS OR TO BE 3" IN LOCATIONS NOTED AS MOUNTABLE.



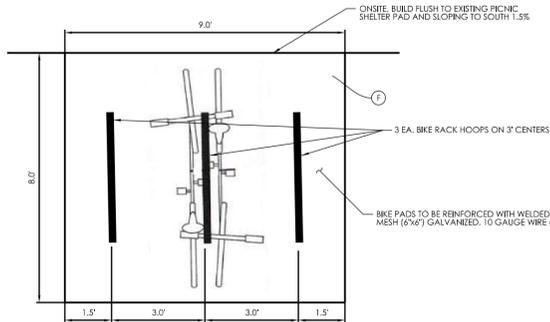
SC4 ASPHALT SPEED CUSHION FOR CURBLESS ROADWAY - SECTION
NOT TO SCALE



SC1 ASPHALT SPEED CUSHION - PLAN
NOT TO SCALE

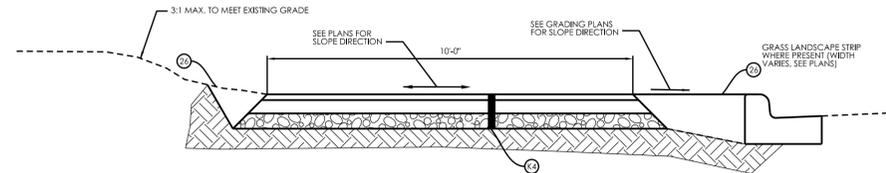
LIMESTONE BLOCK INFO:
LIMESTONE QUARRY BLOCKS MAY VARY IN SIZE WITHIN THE RANGES STIPULATED BELOW:
1. WIDTH: 24" MIN. - 30" MAX.
2. WIDTH: 24" MIN. - 30" MAX.
3. HEIGHT: 24" MIN. - 30" MAX.
NOTE THAT QUARRY BLOCK SHALL BE BURIED SO THAT THE EXPOSED HEIGHT ABOVE GRADE IS 12". MINIMUM BURIED DEPTH = 6"

- VARY THIS DIMENSION UP OR DOWN DEPENDING ON TRUE WIDTH OF STREET, EQUAL ON EACH SIDE OF STREET.
- CONTRACTOR SHALL VERIFY POSITIVE DRAINAGE FROM UPSTREAM GUTTER TRANSITION (B) TO CORNER POINT (A) ON THE UPHILL SIDE OF EACH BUMPUPT. SEE PLANS FOR UPHILL TAPER LENGTH (C).
- 2' TRANSITION SLOPED CURB AND GUTTER TO STANDARD CURB AND GUTTER SECTION.

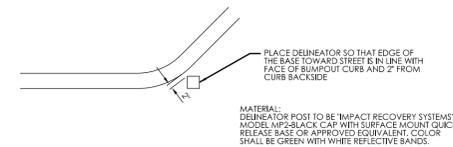


BIKE RACK LAYOUT AND MATERIALS REQUIREMENTS DETAIL
NOT TO SCALE

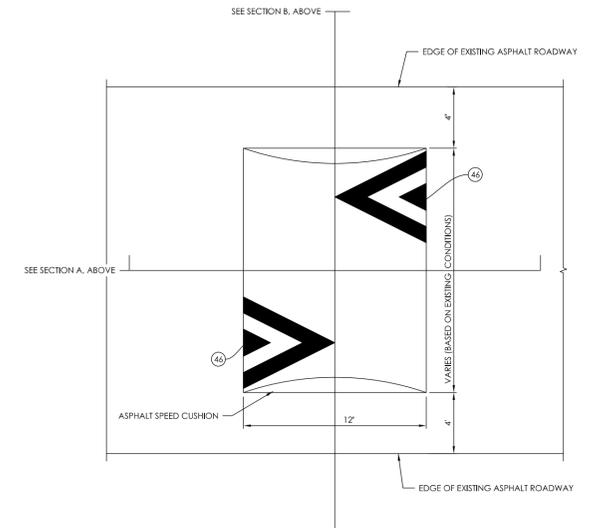
- NOTES:**
- BIKE HOOPS TO BE MOUNTED/ANCHORED PER MANUFACTURER'S SPECIFICATIONS.
 - BIKE RACK TO BE DERO (OR APPROVED EQUAL) MODEL COMMERCIAL HOOP RACK, SURFACE MOUNTED.
 - COLOR/FINISH TO BE BLACK POWDER COATED.



K4 TYPICAL MULTI-USE PATH SECTION
NOT TO SCALE



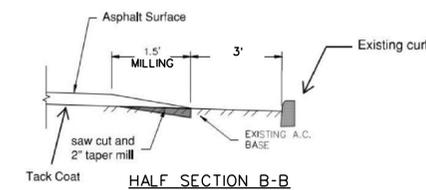
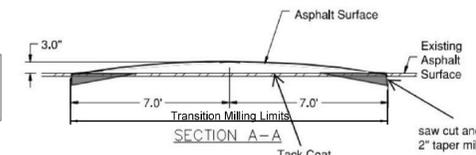
DELINEATOR POST PLACEMENT AND MATERIALS
NOT TO SCALE



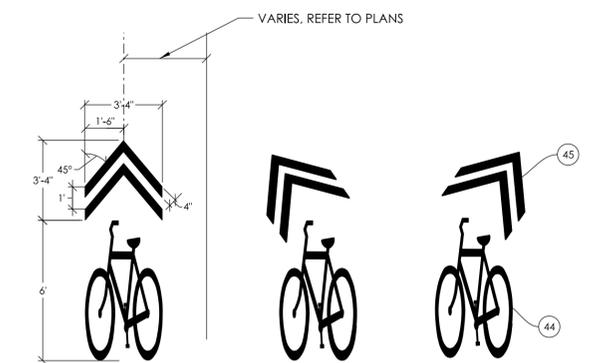
SC4 ASPHALT SPEED CUSHION FOR CURBLESS ROADWAY - PLAN
NOT TO SCALE



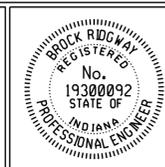
NOTE: SPEED CUSHIONS TYPICALLY SPAN THE CROWN OF THE ROADWAY AND MAY ENCOUNTER OTHER PAVEMENT IRREGULARITIES. THE MAXIMUM HEIGHT TOLERANCES IN THIS DETAIL HAVE BEEN INCREASED TO ALLOW FLEXIBILITY IN ACHIEVING THE DESIRED SPEED CUSHION PROFILE. THE MINIMUM HEIGHT TOLERANCES REMAIN UNCHANGED. THE HEIGHT DETAILS REMAIN UNCHANGED.



SC1 SC4 SPEED HUMP HEIGHT TOLERANCES
NOT TO SCALE



44/45 SHARED LANE MARKINGS AND CHEVRON DIMENSIONS
NOT TO SCALE
NOTE: USE ANGLED CHEVRONS WHERE SHOWN ON PLANS

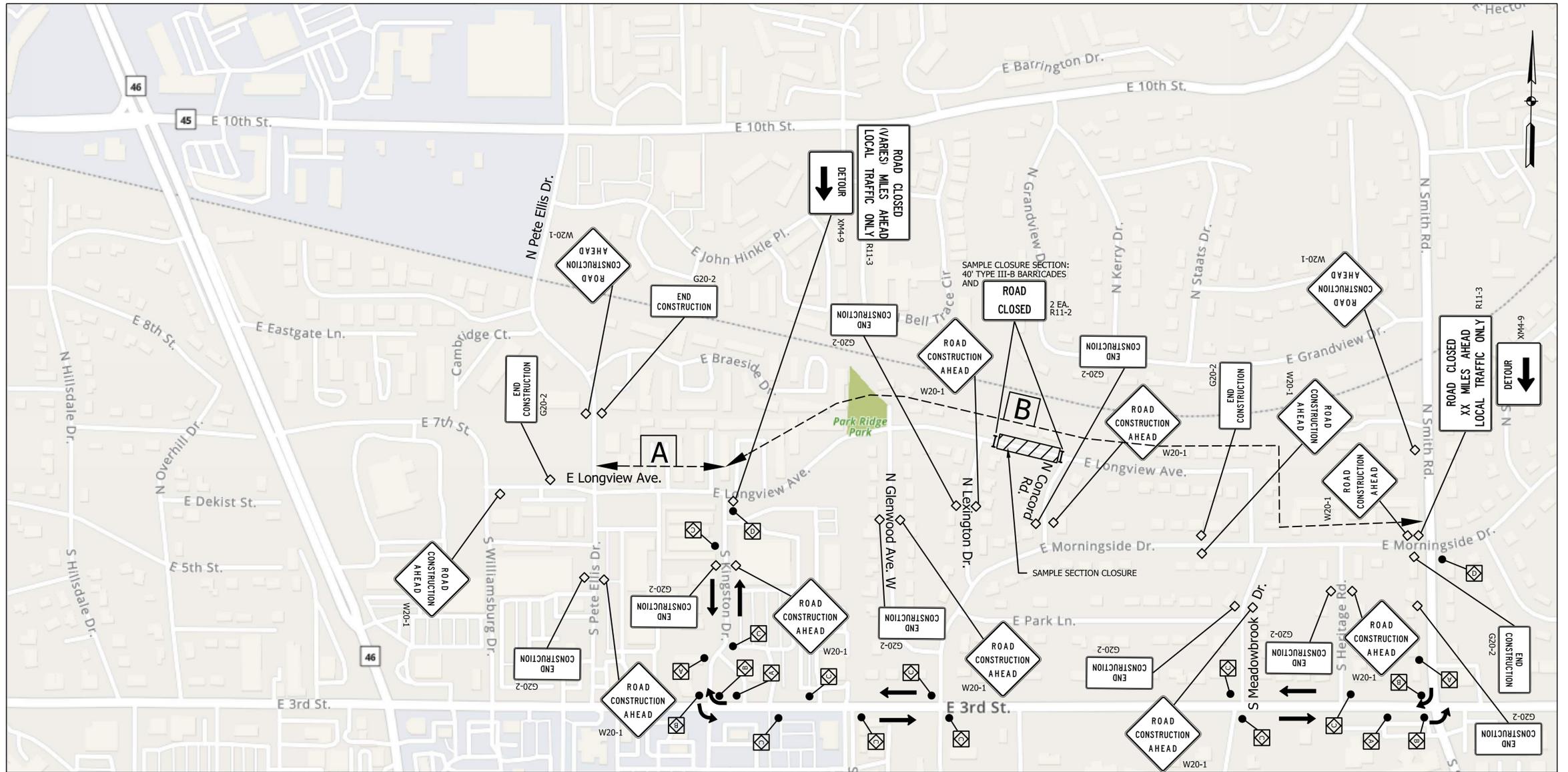


RECOMMENDED FOR APPROVAL	<i>B Ridgway</i>	DESIGN ENGINEER	11-13-2024	DATE
DESIGNED:	BR	DRAWN:	RBA	
CHECKED:	KB	CHECKED:	BR	

CITY OF BLOOMINGTON ENGINEERING DEPARTMENT	
MISCELLANEOUS DETAILS	

HORIZONTAL SCALE	ETICA GROUP
AS NOTED	230240
VERTICAL SCALE	
	SHEET NUMBER
	3

MOT QUANTITIES		
ROAD CLOSURE ASSEMBLIES		
ROAD CLOSED	R11-2	2 EA.
ROAD CLOSED, LOCAL TRAFFIC ONLY	R11-3	2 EA.
	TOTAL	4 EA.
DETOUR ROUTE MARKER ASSEMBLIES		
		21 EA.
BARRICADES, III-B		
ON PLANS		40 LFT
UNDISTRIBUTED		40 LFT
	TOTAL	80 LFT
CONSTRUCTION SIGNS, A		
ROAD CONSTRUCTION AHEAD	XW20-1	12 EA.
ROAD WORK, 500 FEET	W20-1	2 EA.
UNDISTRIBUTED/OWNER DETERMINED		4 EA.
FLAGGER AHEAD	W20-7a	2 EA.
BE PREPARED TO STOP	W20-7b	2 EA.
	TOTAL	22 EA.
CONSTRUCTION SIGNS, B		
DETOUR	XM4-9	2 EA.
END CONSTRUCTION		12 EA.
	TOTAL	14 EA.



DETOUR ROUTE MAP
NTS

SPECIAL MAINTENANCE OF TRAFFIC CONDITIONS:

- FULL ROAD CLOSURES ARE ONLY ALLOWED DURING INSTALLATION OF SPEED CUSHIONS. FLAGGER OPERATIONS SHALL BE USED FOR WORK AT EDGE AND OFF STREETS. MULTI-USE PATH SECTION BETWEEN PETE ELLIS DR. AND KINGSTON IS TO BE BUILT WHILE MAINTAINING TRAFFIC WITH FLAGGERS.
- FULL CLOSURES SHALL CONSIST OF A SOFT CLOSURE AT PROJECT LIMITS AND HARD CLOSURE SHALL BE AT WORK SITE, SET AS SHORT AS PRACTICABLE.
- DETOUR SIGNAGE AND BARRICADES SHALL ONLY BE IN PLACE AND VISIBLE DURING ACTIVE CONSTRUCTION OF SPEED CUSHIONS AND RE-OPENED DAILY.

GENERAL REQUIREMENTS:

- FLAGGER OPERATIONS AND TEMPORARY SIGNAGE IN ACCORDANCE WITH INDIANA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES ARE REQUIRED FOR ALL LANE RESTRICTIONS.
- ALL SIGNS TO BE MOUNTED ON STANDARDS.
- ALL SIGNS, BARRICADES AND DRUMS TO BE MOUNTED WITH A TYPE C (STEADY BURN) WARNING LIGHT AND MAINTAINED DUSK TO DAWN.

DETOUR ROUTE MARKER CODES:

- ADVANCE TURN
- DIRECTIONAL
- CONFIRMING
- END

MAINTENANCE OF TRAFFIC LEGEND:

- DETOUR ROUTE MARKER ASSEMBLY (LETTER DENOTES TYPE) (PER INDOT STANDARDS)
- BARRICADES, TYPE III-B
- TRAFFIC FLOW
- CONSTRUCTION SIGN
- WORKZONE

SECTION	FOR WORK BETWEEN:	DETOUR:
A	PETE ELLIS TO KINGSTON	NO DETOUR - FLAGGER OPERATION REQ'D.
B	KINGSTON TO SMITH ROAD	KINGSTON, 3RD STREET, SMITH ROAD

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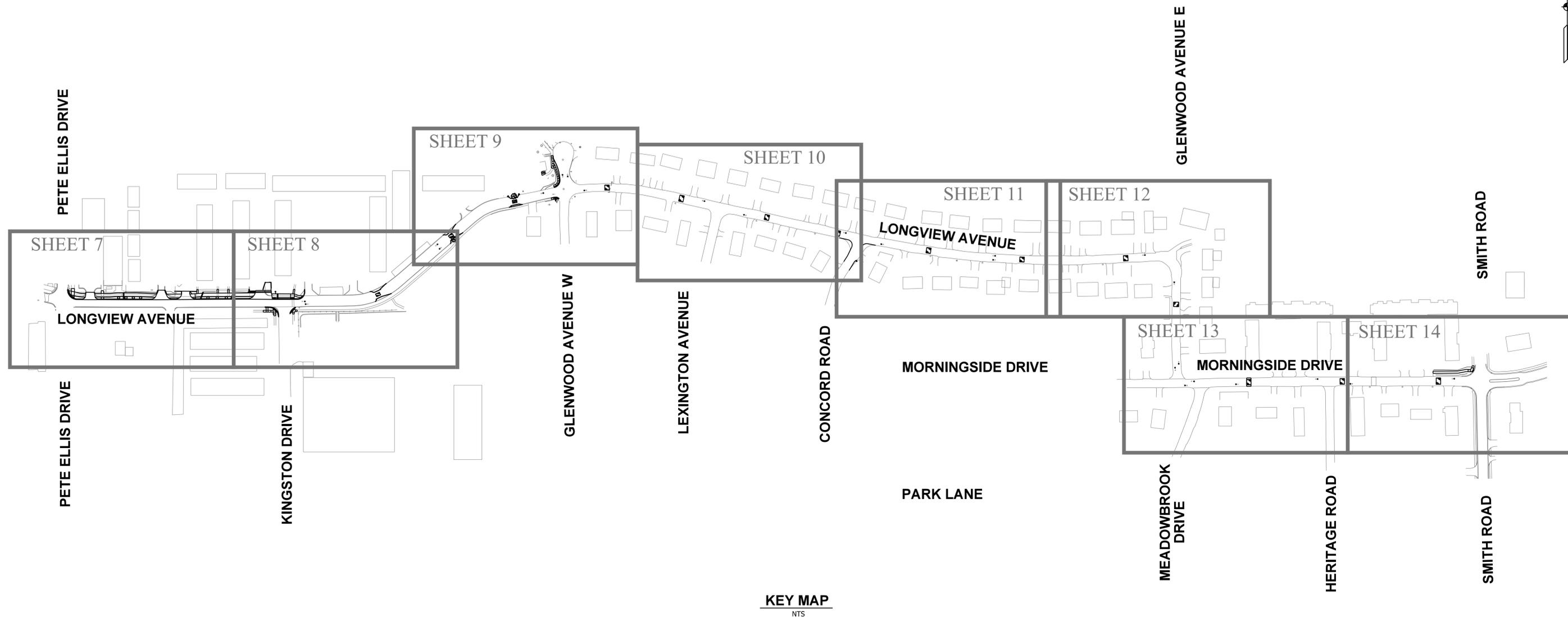


RECOMMENDED FOR APPROVAL	<i>B Ridgway</i>	DESIGN ENGINEER	11-13-2024	DATE
DESIGNED:	BR	DRAWN:	RBA	
CHECKED:	KB	CHECKED:	BR	

CITY OF BLOOMINGTON
ENGINEERING DEPARTMENT

MAINTENANCE OF TRAFFIC PLAN

HORIZONTAL SCALE	ETICA GROUP
NTS	230240
VERTICAL SCALE	
	SHEET NUMBER
	5



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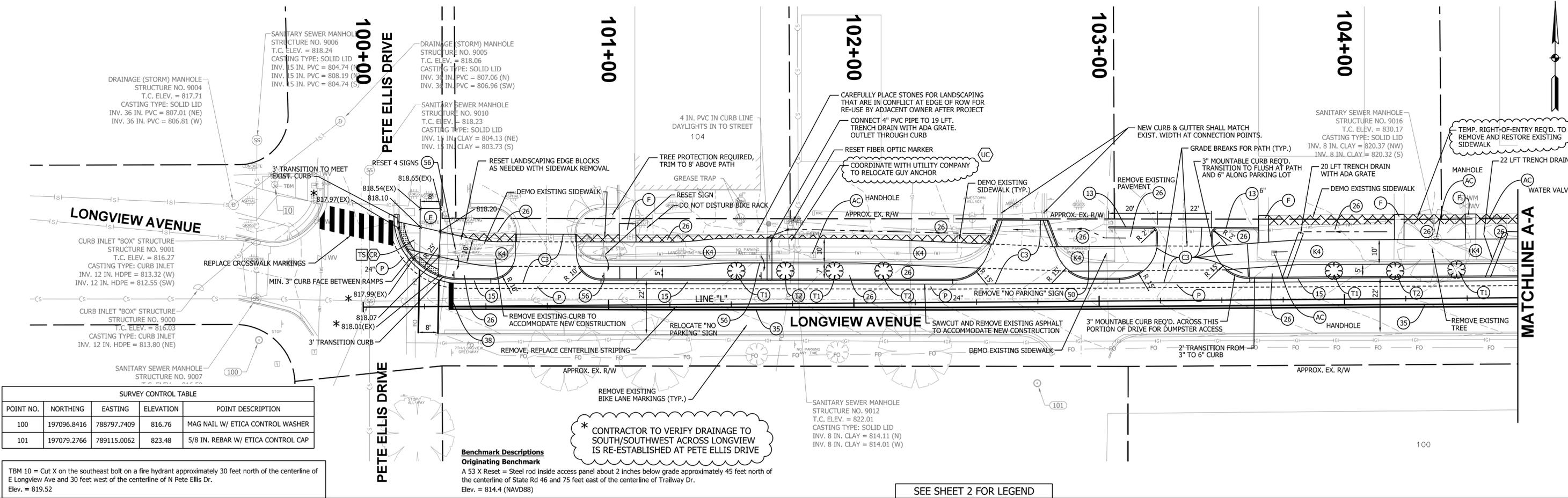
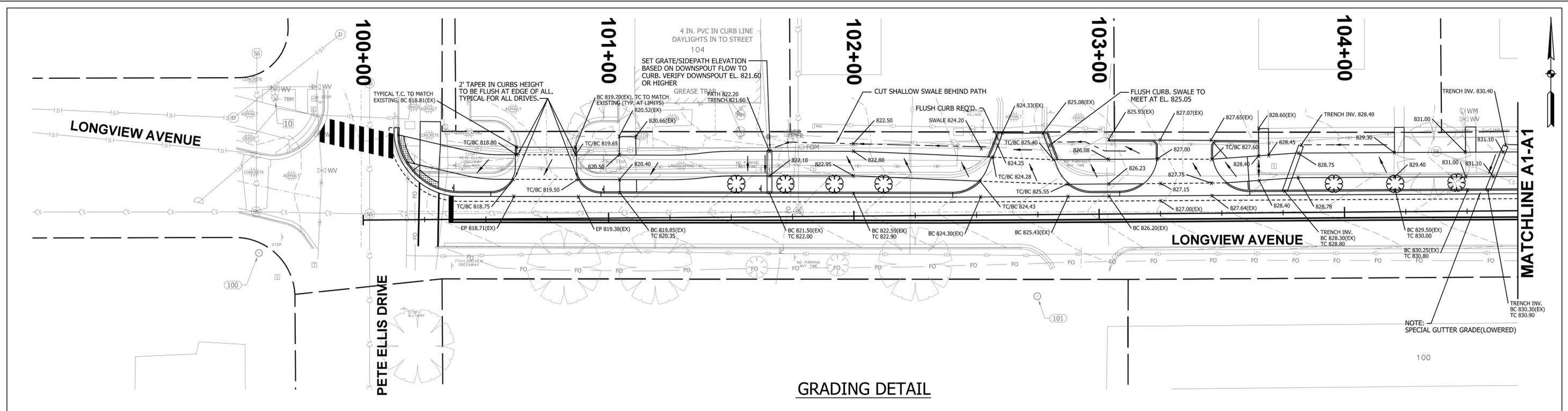


RECOMMENDED FOR APPROVAL	<i>B. Ridgway</i>	DESIGN ENGINEER	11-13-2024	DATE
DESIGNED:	BR	DRAWN:	RBA	
CHECKED:	KB	CHECKED:	BR	

CITY OF BLOOMINGTON
 ENGINEERING DEPARTMENT

PLAN KEY

HORIZONTAL SCALE	ETICA GROUP
NTS	230240
VERTICAL SCALE	
NTS	
	SHEET NUMBER
	6



SURVEY CONTROL TABLE

POINT NO.	NORTHING	EASTING	ELEVATION	POINT DESCRIPTION
100	197096.8416	788797.7409	816.76	MAG NAIL W/ ETICA CONTROL WASHER
101	197079.2766	789115.0062	823.48	5/8 IN. REBAR W/ ETICA CONTROL CAP

Benchmark Descriptions
Originating Benchmark
 A 53 X Reset = Steel rod inside access panel about 2 inches below grade approximately 45 feet north of the centerline of State Rd 46 and 75 feet east of the centerline of Trailway Dr.
 Elev. = 814.4 (NAVD88)



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 Indianapolis, IN 46250
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SEE SHEET 2 FOR LEGEND

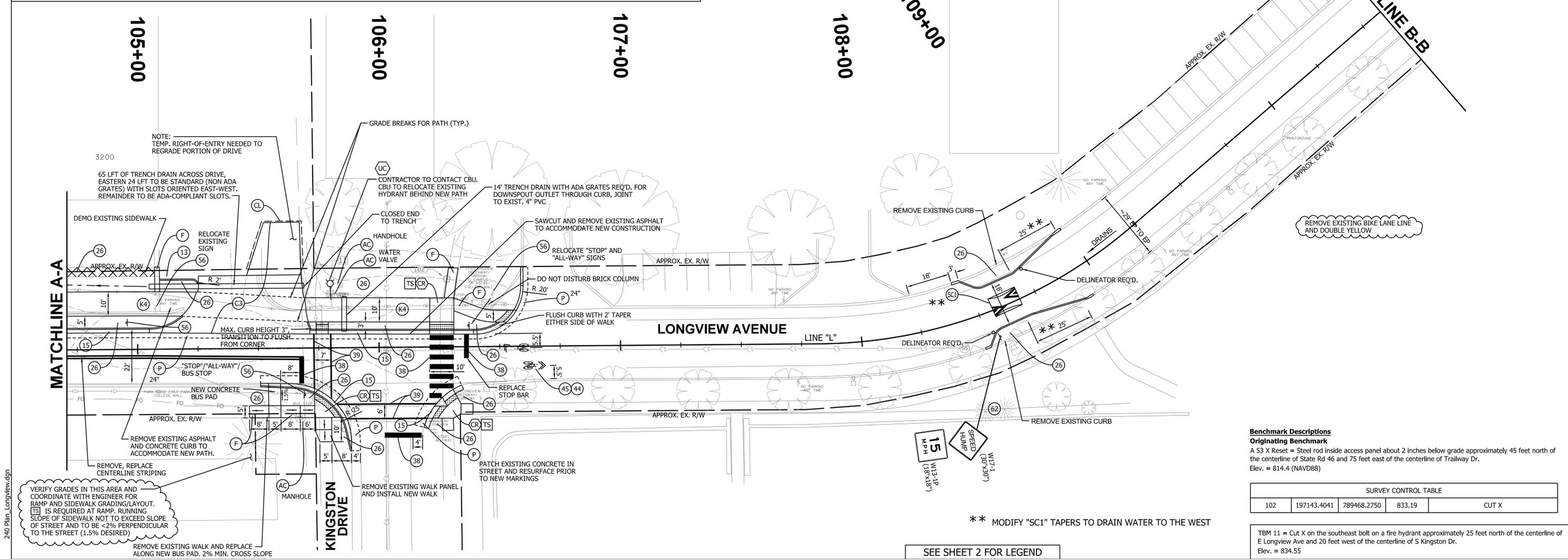
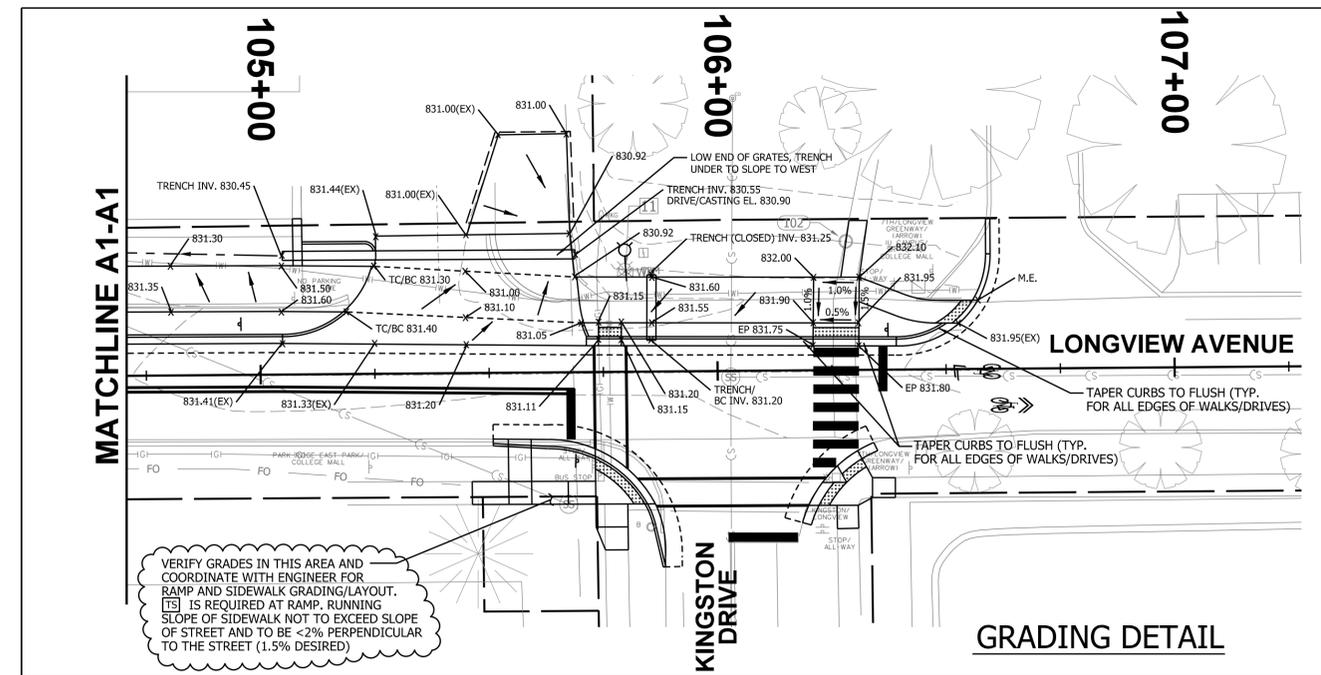
RECOMMENDED FOR APPROVAL	<i>B. Ridgway</i>	DESIGN ENGINEER	11-13-2024	DATE
DESIGNED:	BR	DRAWN:	RBA	
CHECKED:	KB	CHECKED:	BR	

CITY OF BLOOMINGTON
 ENGINEERING DEPARTMENT

NEIGHBORHOOD GREENWAY PLANS
 LONGVIEW AVENUE

HORIZONTAL SCALE	ETICA GROUP
1"=20'-0"	230240
VERTICAL SCALE	
N/A	
	SHEET NUMBER
	7

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Benchmark Descriptions
Originating Benchmark
 A 53 X Reset = Steel rod inside access panel about 2 inches below grade approximately 45 feet north of the centerline of State Rd 46 and 75 feet east of the centerline of Trailway Dr.
 Elev. = 814.4 (NAVD88)

SURVEY CONTROL TABLE				
102	197143.4041	789468.2750	833.19	CUT X

TBM 11 = Cut X on the southeast bolt on a fire hydrant approximately 25 feet north of the centerline of E Longview Ave and 20 feet west of the centerline of S Kingston Dr.
 Elev. = 834.55



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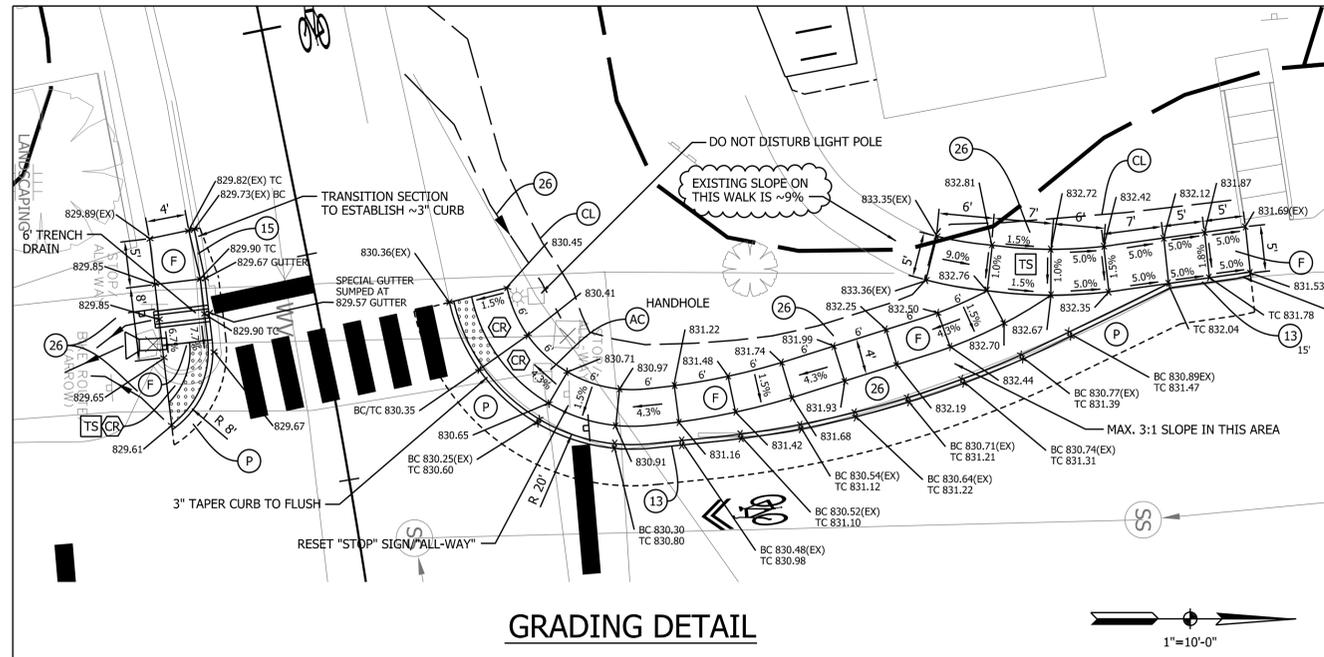
RECOMMENDED FOR APPROVAL	<i>B. Ridgway</i>	DESIGN ENGINEER	11-13-2024	DATE
DESIGNED:	BR	DRAWN:	RBA	
CHECKED:	KB	CHECKED:	BR	

CITY OF BLOOMINGTON
 ENGINEERING DEPARTMENT

NEIGHBORHOOD GREENWAY PLANS
 LONGVIEW AVENUE

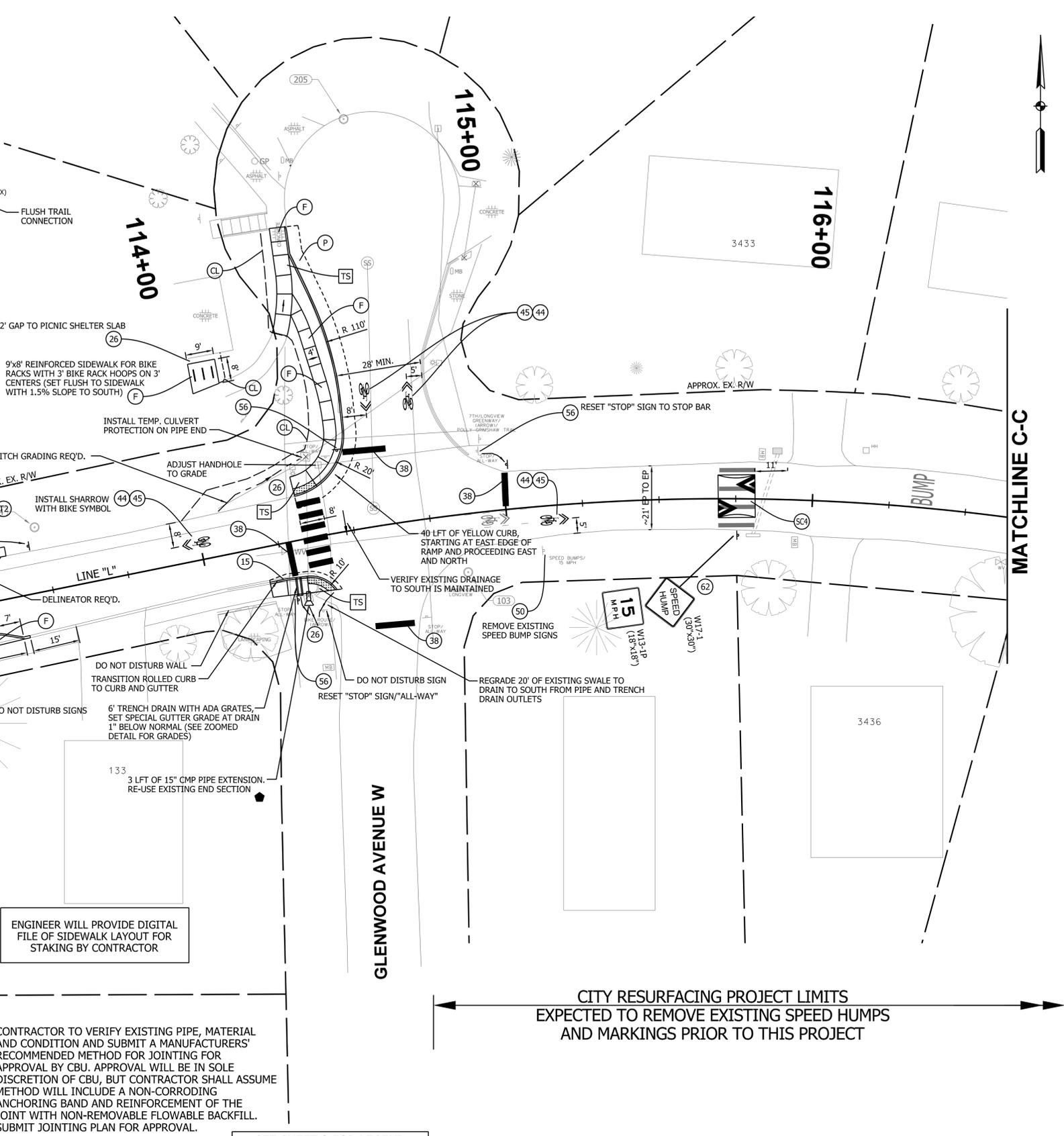
HORIZONTAL SCALE	ETICA GROUP
1"=20'-0"	230240
VERTICAL SCALE	
N/A	
SHEET NUMBER	
8	

LONGV-102 11/13/2024 11:23:41 AM 240 Plan_Longview.dgn



GRADING DETAIL

1"=10'-0"



MATCHLINE C-C

111+00

112+00

113+00

114+00

115+00

116+00

LONGVIEW AVENUE

GLENWOOD AVENUE W

BUMP

REMOVE EXISTING BIKE LANE LINE AND DOUBLE YELLOW

APP. EX. R/W PER GIS MAPPING - WORK COVERED BY PROSCRIPTIVE EASEMENT FOR EXISTING ROAD

DELINEATOR REQ'D.

DELINEATOR REQ'D.

CONFIRM CUSHION LOCATIONS WITH CITY PRIOR TO INSTALLATION. ALL GUTTER ELEVATIONS TO BE VERIFIED FOR POSITIVE DRAINAGE AWAY FROM THESE BUMPOUTS.

ENGINEER WILL PROVIDE DIGITAL FILE OF SIDEWALK LAYOUT FOR STAKING BY CONTRACTOR

CONTRACTOR TO VERIFY EXISTING PIPE, MATERIAL AND CONDITION AND SUBMIT A MANUFACTURERS' RECOMMENDED METHOD FOR JOINTING FOR APPROVAL BY CBU. APPROVAL WILL BE IN SOLE DISCRETION OF CBU, BUT CONTRACTOR SHALL ASSUME METHOD WILL INCLUDE A NON-CORRODING ANCHORING BAND AND REINFORCEMENT OF THE JOINT WITH NON-REMOVABLE FLOWABLE BACKFILL. SUBMIT JOINTING PLAN FOR APPROVAL.

CITY RESURFACING PROJECT LIMITS EXPECTED TO REMOVE EXISTING SPEED HUMPS AND MARKINGS PRIOR TO THIS PROJECT

SEE SHEET 2 FOR LEGEND



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Indianapolis, IN 46250
<https://eticagroup.com>



RECOMMENDED FOR APPROVAL	<i>B. Ridgway</i>	DESIGN ENGINEER	11-13-2024	DATE
DESIGNED:	BR	DRAWN:	RBA	
CHECKED:	KB	CHECKED:	BR	

CITY OF BLOOMINGTON
ENGINEERING DEPARTMENT

NEIGHBORHOOD GREENWAY PLANS
LONGVIEW AVENUE

HORIZONTAL SCALE	ETICA GROUP
1"=20'-0"	230240
VERTICAL SCALE	
N/A	
	SHEET NUMBER
	9

LONGV-103 11:23:42 AM 11/13/2024 240 Plan_Longview.dgn



MATCHLINE C-C

MATCHLINE D-D

CITY RESURFACING PROJECT LIMITS
 EXPECTED TO REMOVE EXISTING SPEED HUMPS
 AND MARKINGS PRIOR TO THIS PROJECT

SEE SHEET 2 FOR LEGEND

LONGV-104 11:23:43 AM 11/13/2024 240 Plan_Longview.dgn



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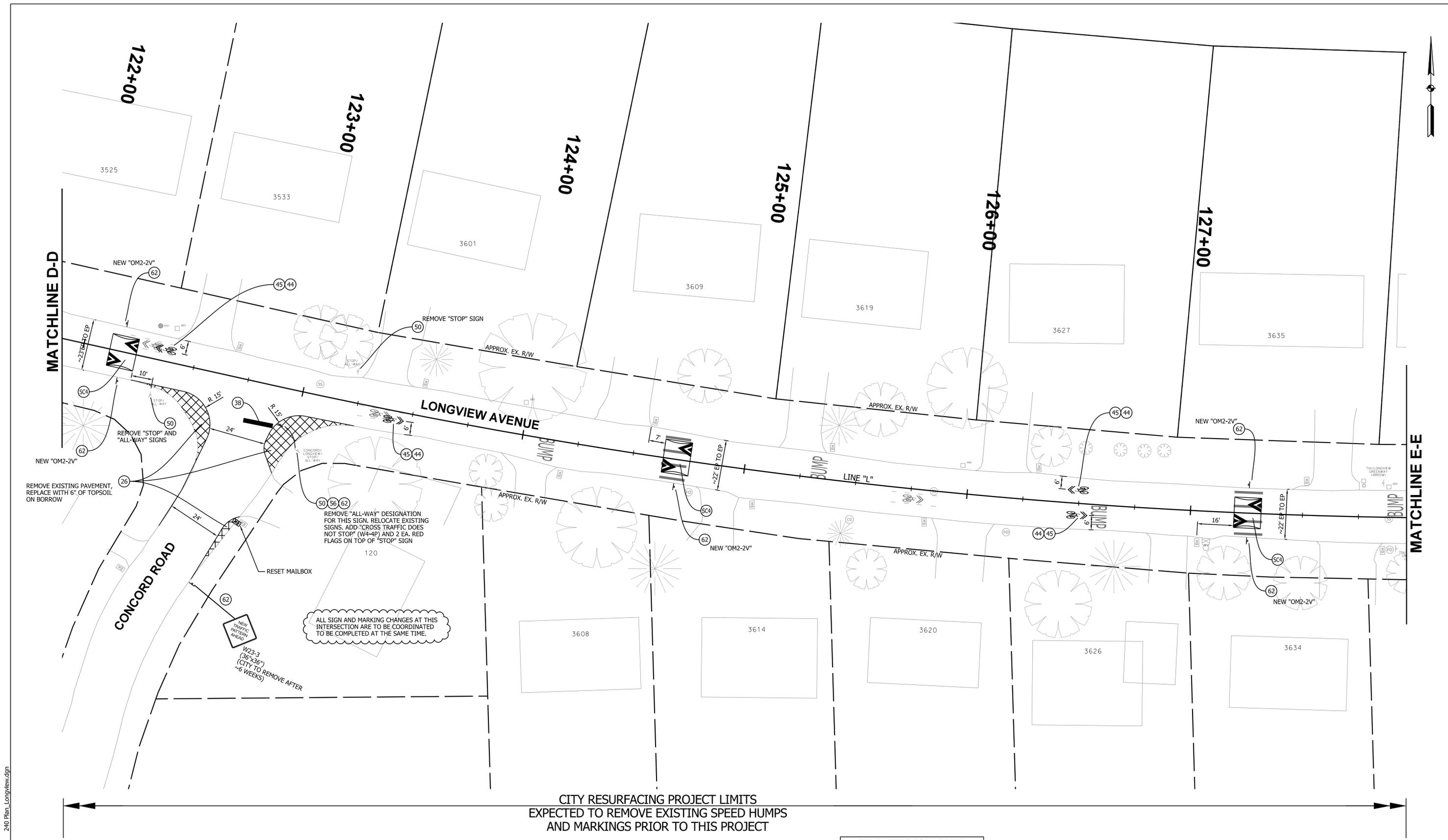


RECOMMENDED FOR APPROVAL	<i>B. Ridgway</i>	DESIGN ENGINEER	11-13-2024	DATE
DESIGNED:	BR	DRAWN:	RBA	
CHECKED:	KB	CHECKED:	BR	

CITY OF BLOOMINGTON
 ENGINEERING DEPARTMENT

NEIGHBORHOOD GREENWAY PLANS
 LONGVIEW AVENUE

HORIZONTAL SCALE	ETICA GROUP
1"=20'-0"	230240
VERTICAL SCALE	
N/A	
	SHEET NUMBER
	10



CITY RESURFACING PROJECT LIMITS
 EXPECTED TO REMOVE EXISTING SPEED HUMPS
 AND MARKINGS PRIOR TO THIS PROJECT

SEE SHEET 2 FOR LEGEND



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RECOMMENDED FOR APPROVAL	<i>B. Ridgway</i>	DESIGN ENGINEER	11-13-2024	DATE
DESIGNED:	BR	DRAWN:	RBA	
CHECKED:	KB	CHECKED:	BR	

CITY OF BLOOMINGTON
 ENGINEERING DEPARTMENT
 NEIGHBORHOOD GREENWAY PLANS
 LONGVIEW AVENUE

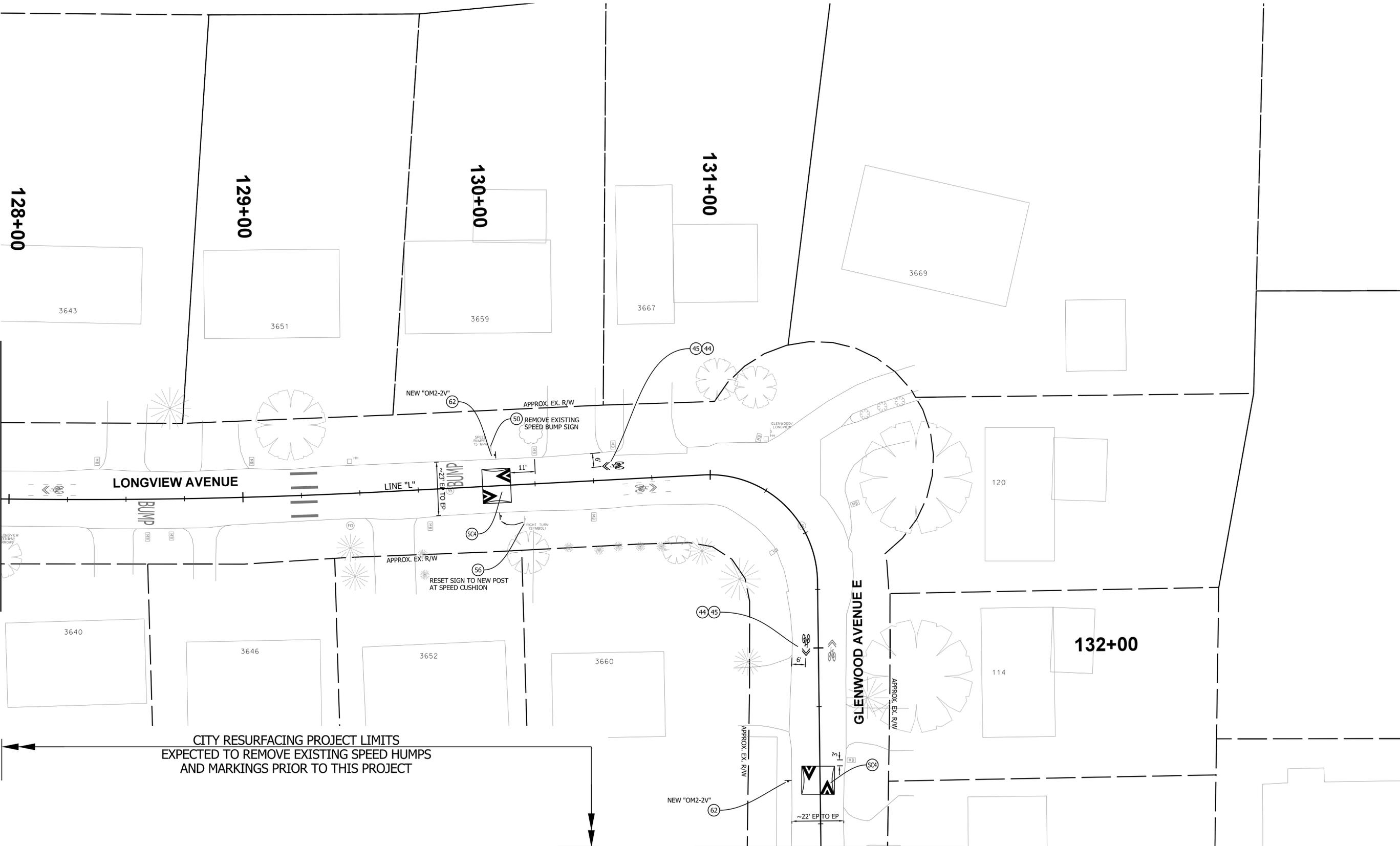
HORIZONTAL SCALE	ETICA GROUP
1"=20'-0"	230240
VERTICAL SCALE	
N/A	
	SHEET NUMBER
	11

LONGV-105 11:23:44 AM 11/13/2024 240 Plan_Longview.dgn



MATCHLINE E-E

MATCHLINE F-F



SEE SHEET 2 FOR LEGEND

LONGV-106 11:23:45 AM 11/13/2024 240 Plan_Longview.dgn



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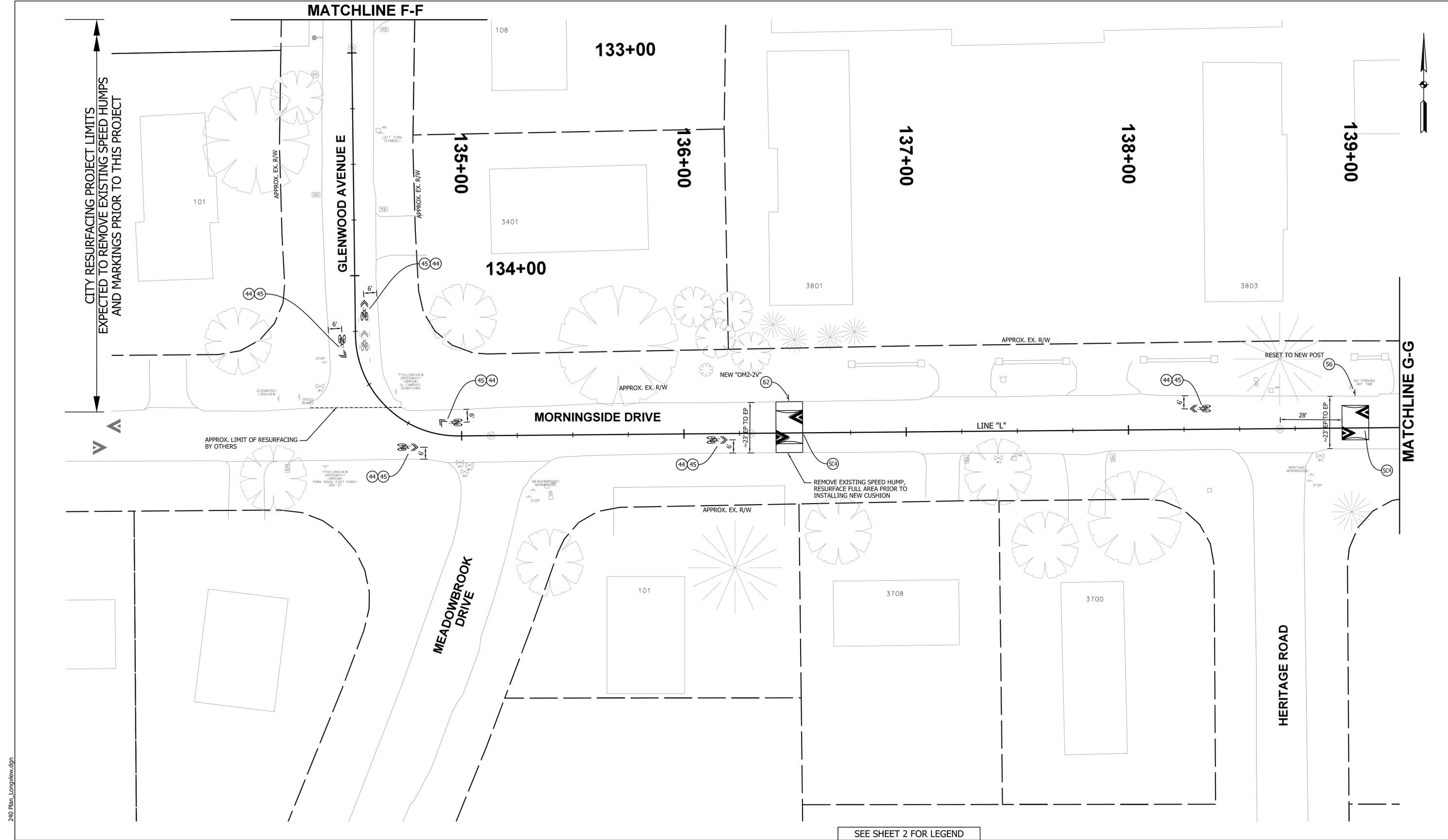


RECOMMENDED FOR APPROVAL	<i>B. Ridgway</i>	DESIGN ENGINEER	11-13-2024	DATE
DESIGNED:	BR	DRAWN:	RBA	
CHECKED:	KB	CHECKED:	BR	

CITY OF BLOOMINGTON
ENGINEERING DEPARTMENT

NEIGHBORHOOD GREENWAY PLANS
LONGVIEW AVENUE

HORIZONTAL SCALE	ETICA GROUP
1"=20'-0"	230240
VERTICAL SCALE	
N/A	
	SHEET NUMBER
	12



SEE SHEET 2 FOR LEGEND



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RECOMMENDED FOR APPROVAL	<i>B. Ridgway</i>	DESIGN ENGINEER	11-13-2024	DATE
DESIGNED:	BR	DRAWN:	RBA	
CHECKED:	KB	CHECKED:	BR	

CITY OF BLOOMINGTON
ENGINEERING DEPARTMENT

NEIGHBORHOOD GREENWAY PLANS
LONGVIEW AVENUE

HORIZONTAL SCALE	ETICA GROUP
1"=20'-0"	230240
VERTICAL SCALE	
N/A	
	SHEET NUMBER
	13

LONGV-107
11/13/2024
11:23:46 AM
240 Plan_Longview.dgn

