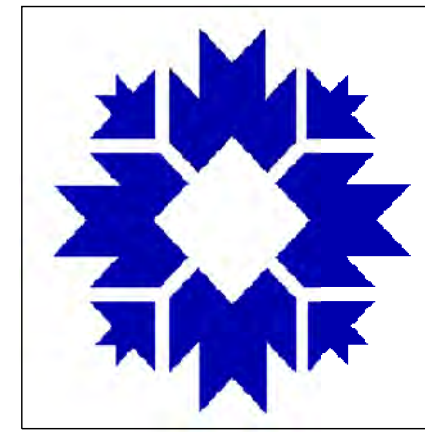


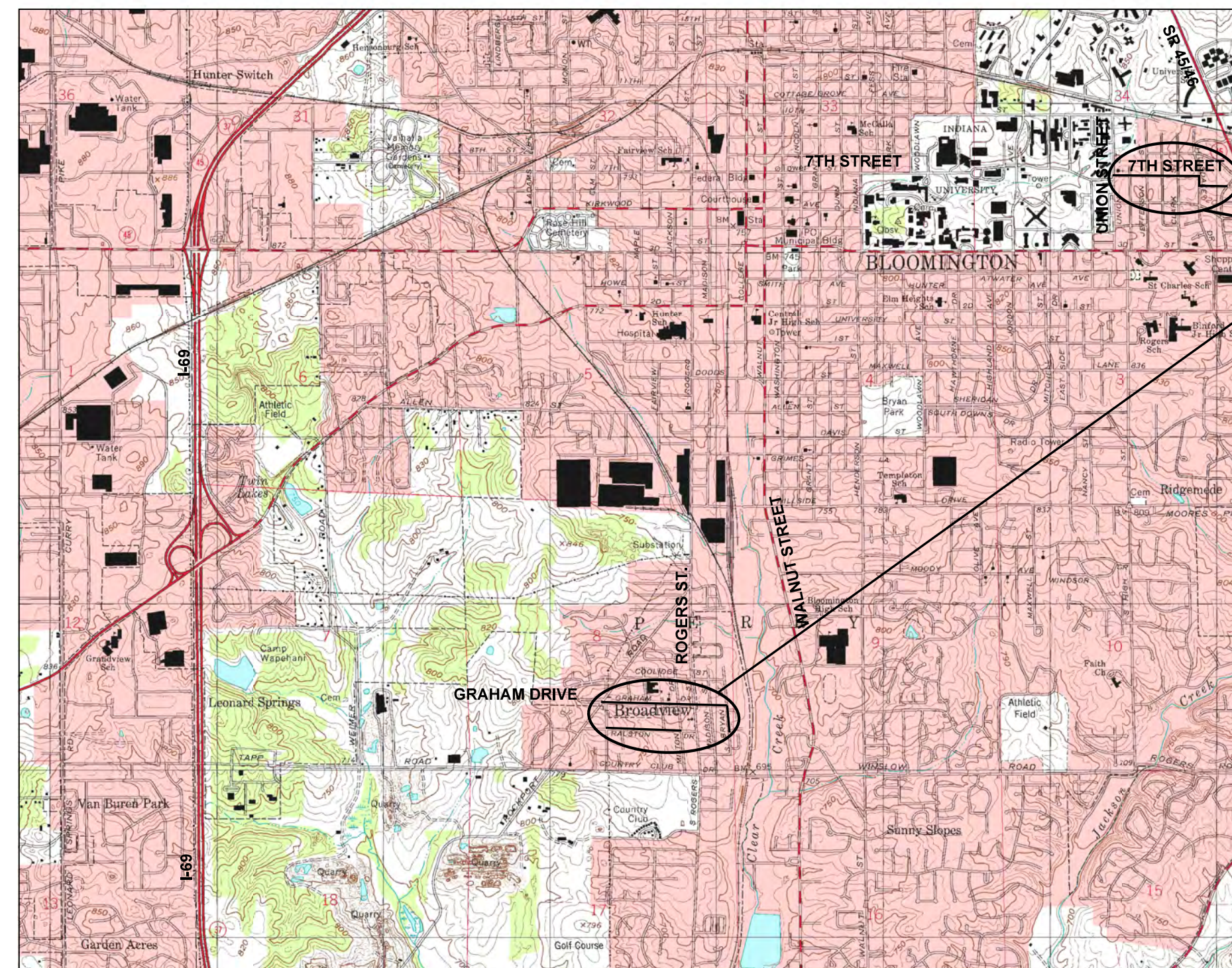
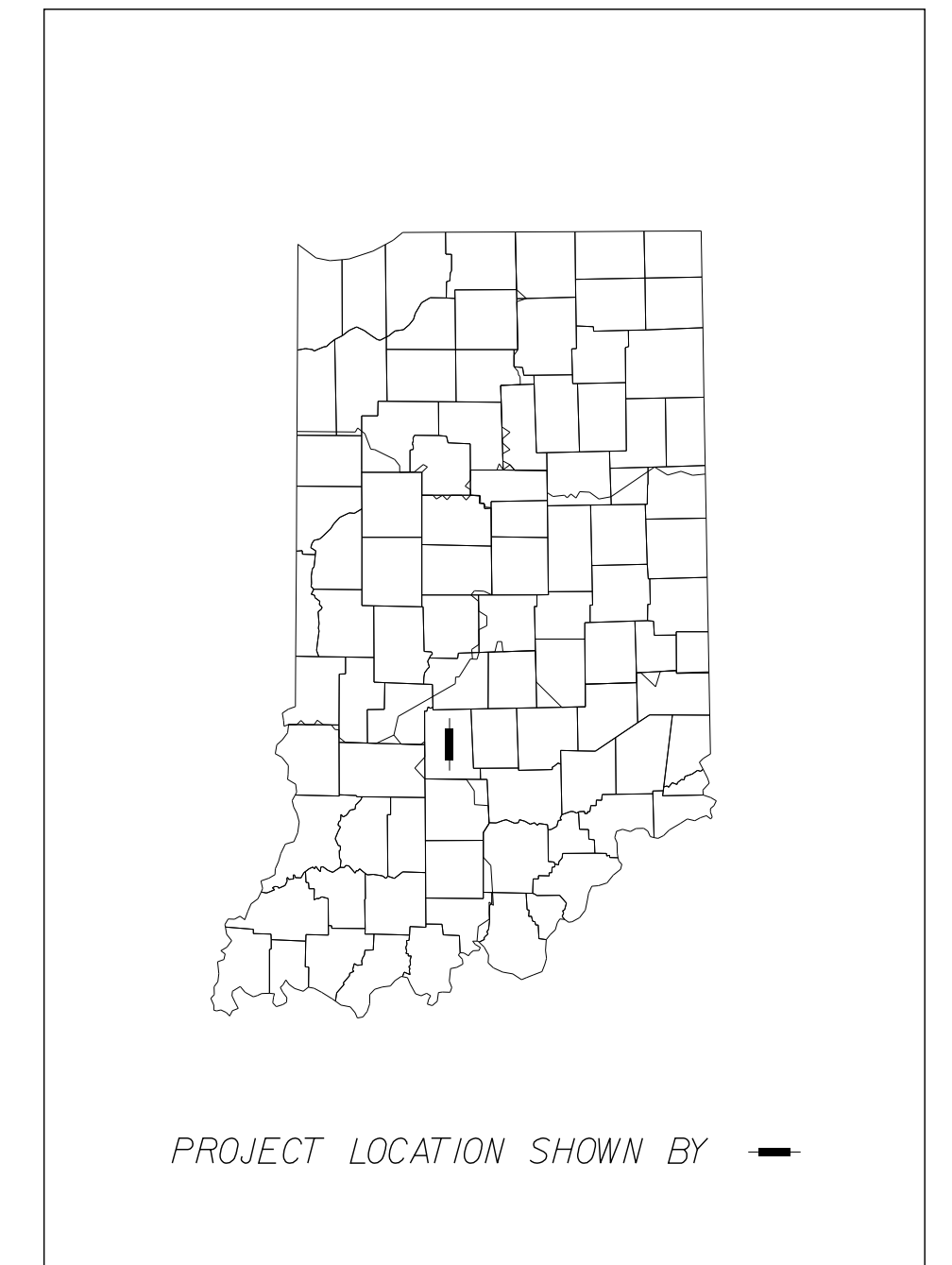
CITY OF BLOOMINGTON DEPARTMENT OF ENGINEERING



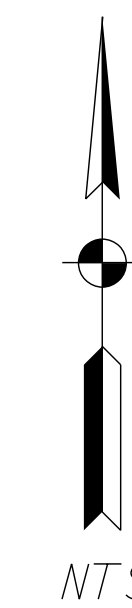
NEIGHBORHOOD GREENWAYS PHASE 1

**EAST 7TH STREET:
UNION STREET TO OVERHILL DRIVE**

**WEST GRAHAM AND RALSTON DRIVES:
ROCKPORT ROAD TO BRYAN STREET**



PROJECT LOCATIONS



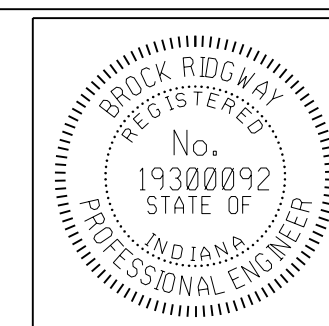
PROJECT LOCATION MAP
CITY OF BLOOMINGTON, MONROE COUNTY

INDIANA DEPARTMENT OF TRANSPORTATION
STANDARD SPECIFICATIONS CURRENT EDITION
TO BE USED WITH THESE PLANS AND ANY
SUPPLEMENTS THEREOF

PREPARED BY:



1321 Laurel Oak Drive
Avon, Indiana 46123
(317)370-9672



PLANS
PREPARED BY:

CERTIFIED BY:

APPROVED
FOR LETTING:

B. Ridgway

EAGLE RIDGE
CIVIL ENGINEERING SERVICES, LLC

(317) 370-9672
PHONE NUMBER

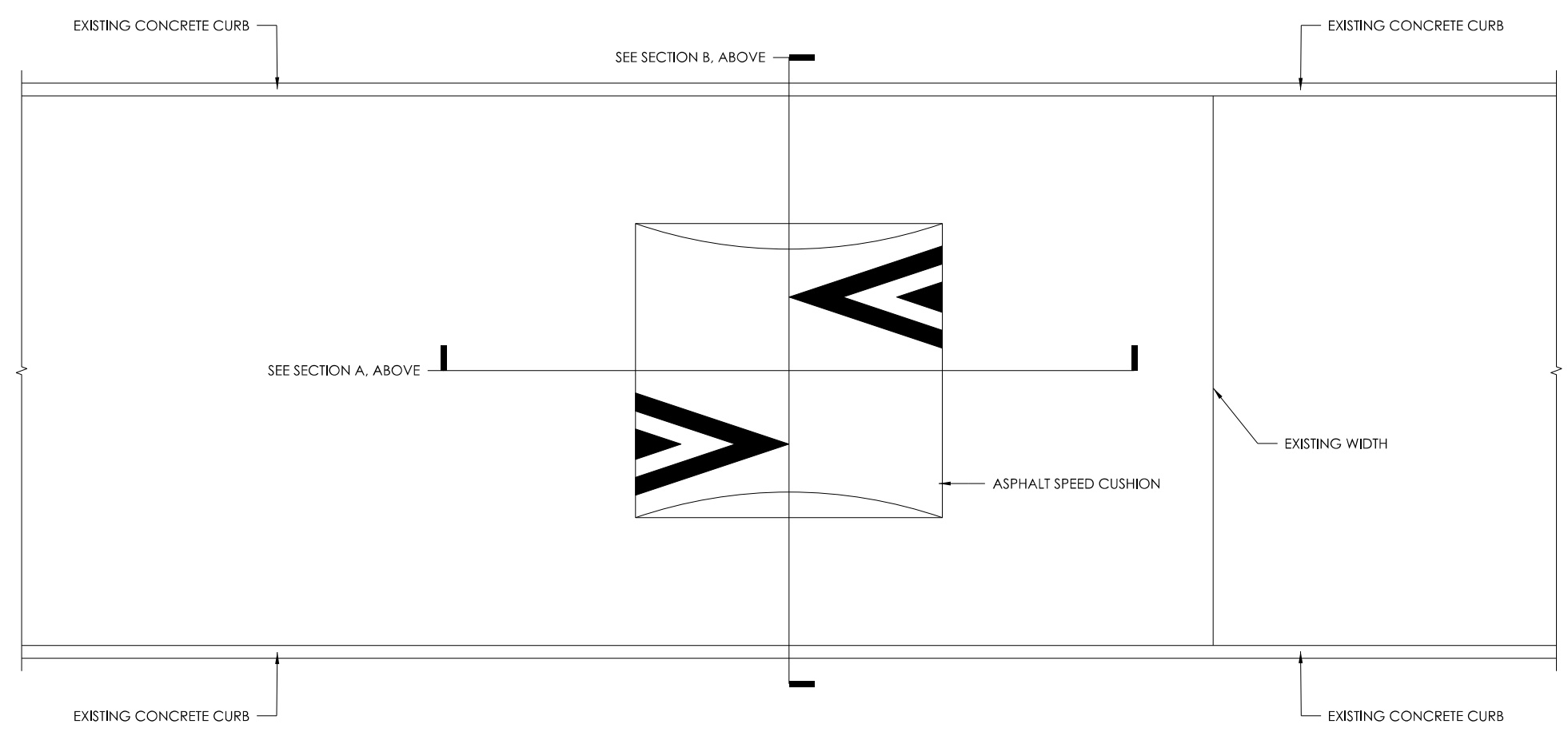
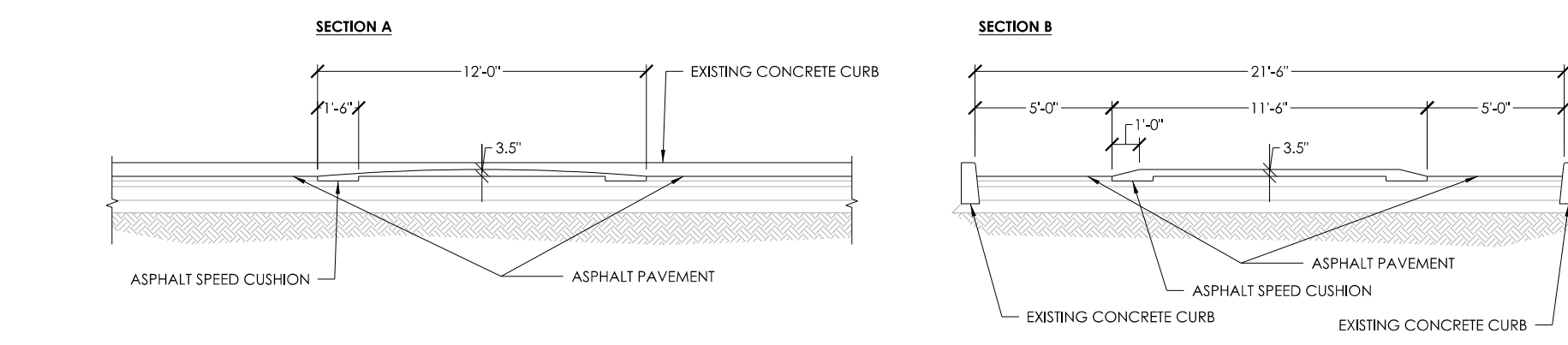
11-22-2021
DATE

DATE

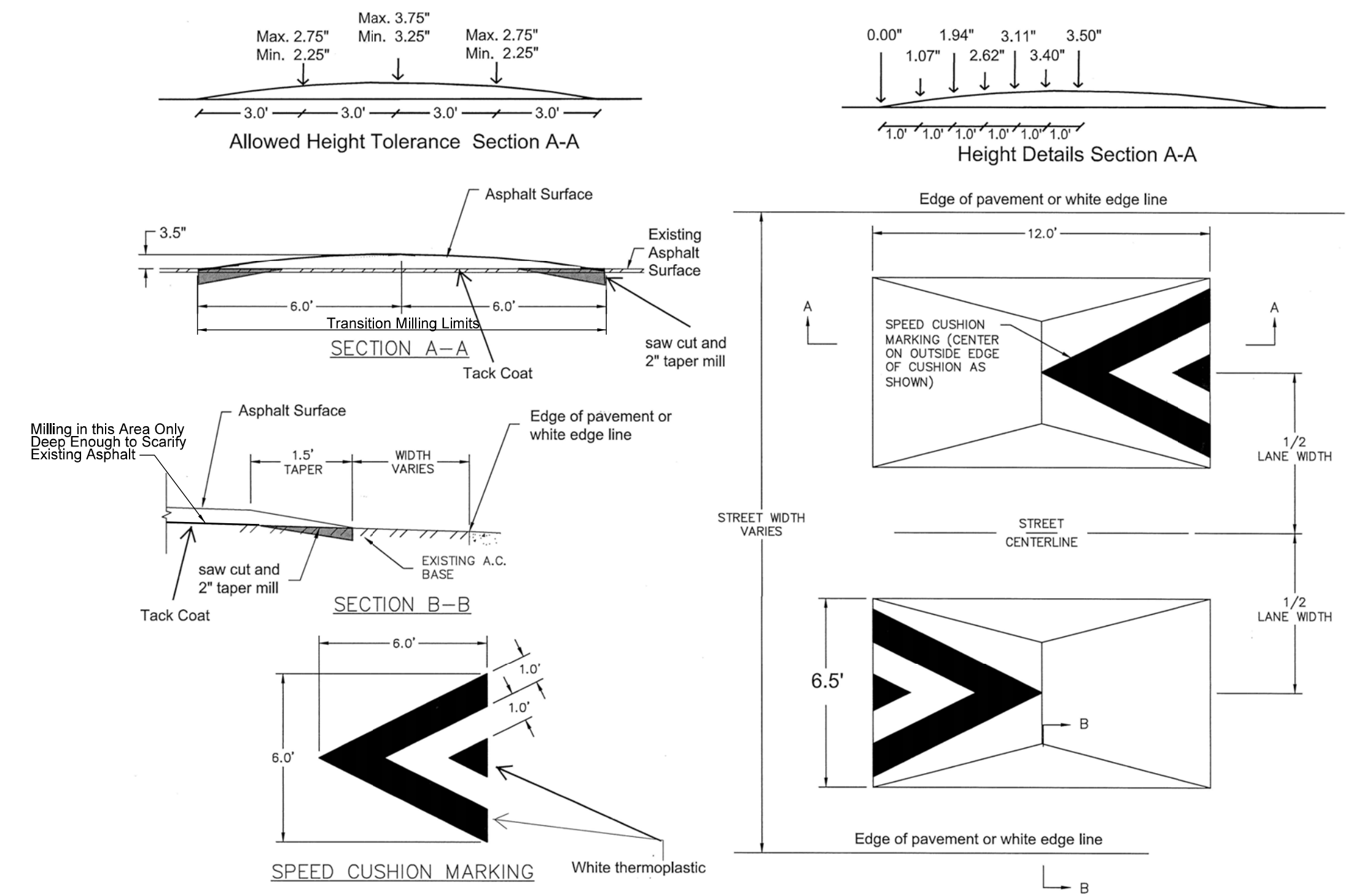
SHEETS	
1	27
PROJECT	

NEIGHBORHOOD GREENWAYS PHASE 1

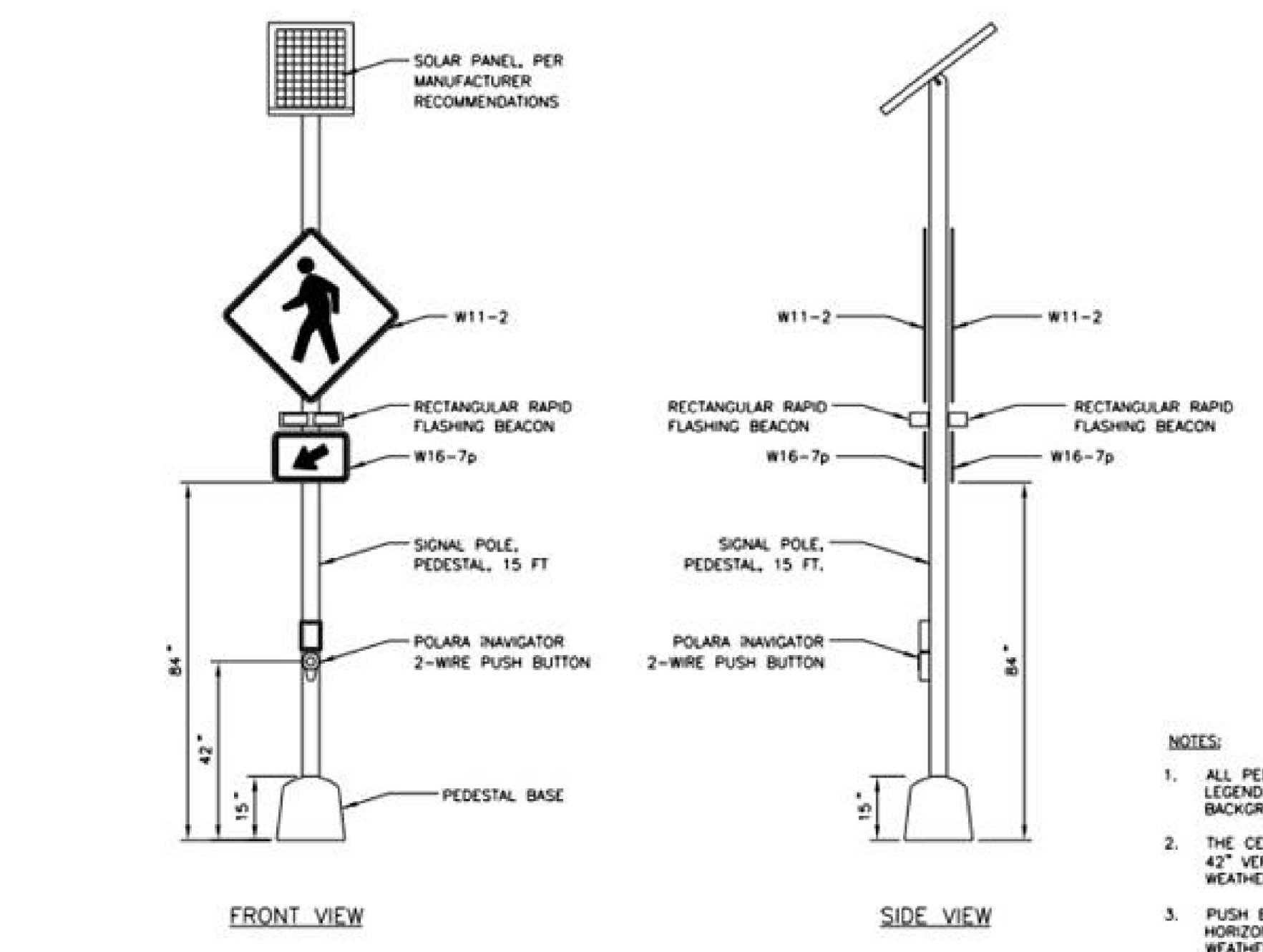
SC6 ASPHALT SPEED CUSHION FOR FULLY CURBED ROADWAY - PLAN
NOT TO SCALE



SC6 ASPHALT SPEED CUSHION FOR FULLY CURBED ROADWAY - PLAN
NOT TO SCALE



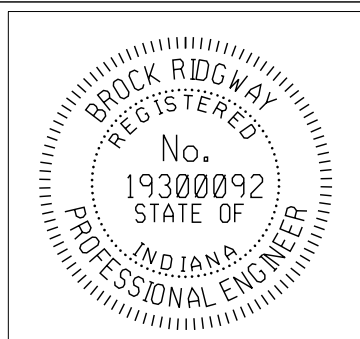
SC7 ASPHALT SPEED CUSHION FOR INSTALLATIONS OFF THE GREENWAY ROUTE - TWIN CUSHION INSTALLATION AND STANDARD DIMENSIONS FOR SPEED CUSHION MARKINGS
NOT TO SCALE



- NOTES:**
1. ALL PEDESTRIAN WARNING SIGNS SHALL HAVE A BLACK LEGEND AND BORDER ON A FLORESCENT YELLOW-GREEN BACKGROUND.
 2. THE CENTER OF THE PUSH BUTTON SHALL BE INSTALLED 42" VERTICALLY ABOVE THE ACCESSIBLE PEDESTRIAN ALL WEATHER SURFACE.
 3. PUSH BUTTONS SHALL BE INSTALLED WITHIN A 10" HORIZONTAL REACH OF THE ACCESSIBLE PEDESTRIAN ALL WEATHER SURFACE.

RECTANGULAR RAPID FLASHING BEACON (RRFB)
NOT TO SCALE

C:\P\Projects\10240\Drawings\10240.dgn
 11/23/2021 11:55:15 AM



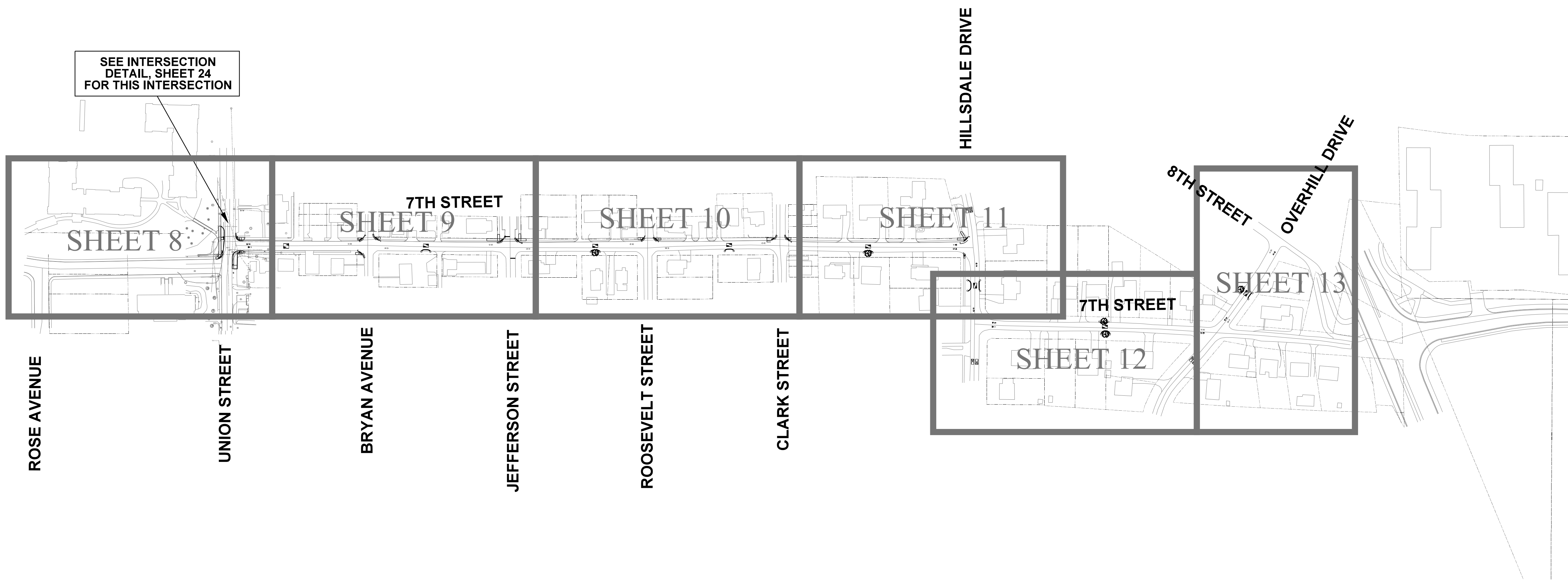
RECOMMENDED FOR APPROVAL: *B. Ridgway* DESIGN ENGINEER 11-22-2021 DATE

DESIGNED: BR DRAWN: SCS
 CHECKED: MT CHECKED: BR

CITY OF BLOOMINGTON
 DEPARTMENT OF ENGINEERING

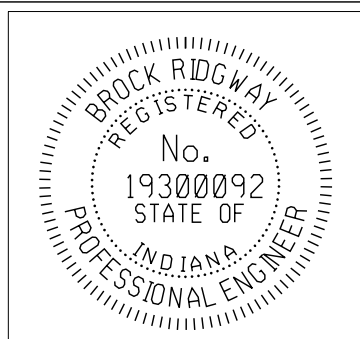
GREENWAY TREATMENT DETAILS

HORIZONTAL SCALE	ERCES PROJECT NUMBER
AS NOTED	240
VERTICAL SCALE	
	SHEET NUMBER
	5



KEY MAP
NTS

C:\V\Projects\10240\Drawings\Plan\Prof_240_Plan001.dgn 11/23/2021 1:55:30 AM



RECOMMENDED FOR APPROVAL	<i>B. Ridgway</i> DESIGN ENGINEER	11-22-2021 DATE
DESIGNED:	BR	DRAWN: SCS
CHECKED:	MT	CHECKED: BR

CITY OF BLOOMINGTON
DEPARTMENT OF ENGINEERING

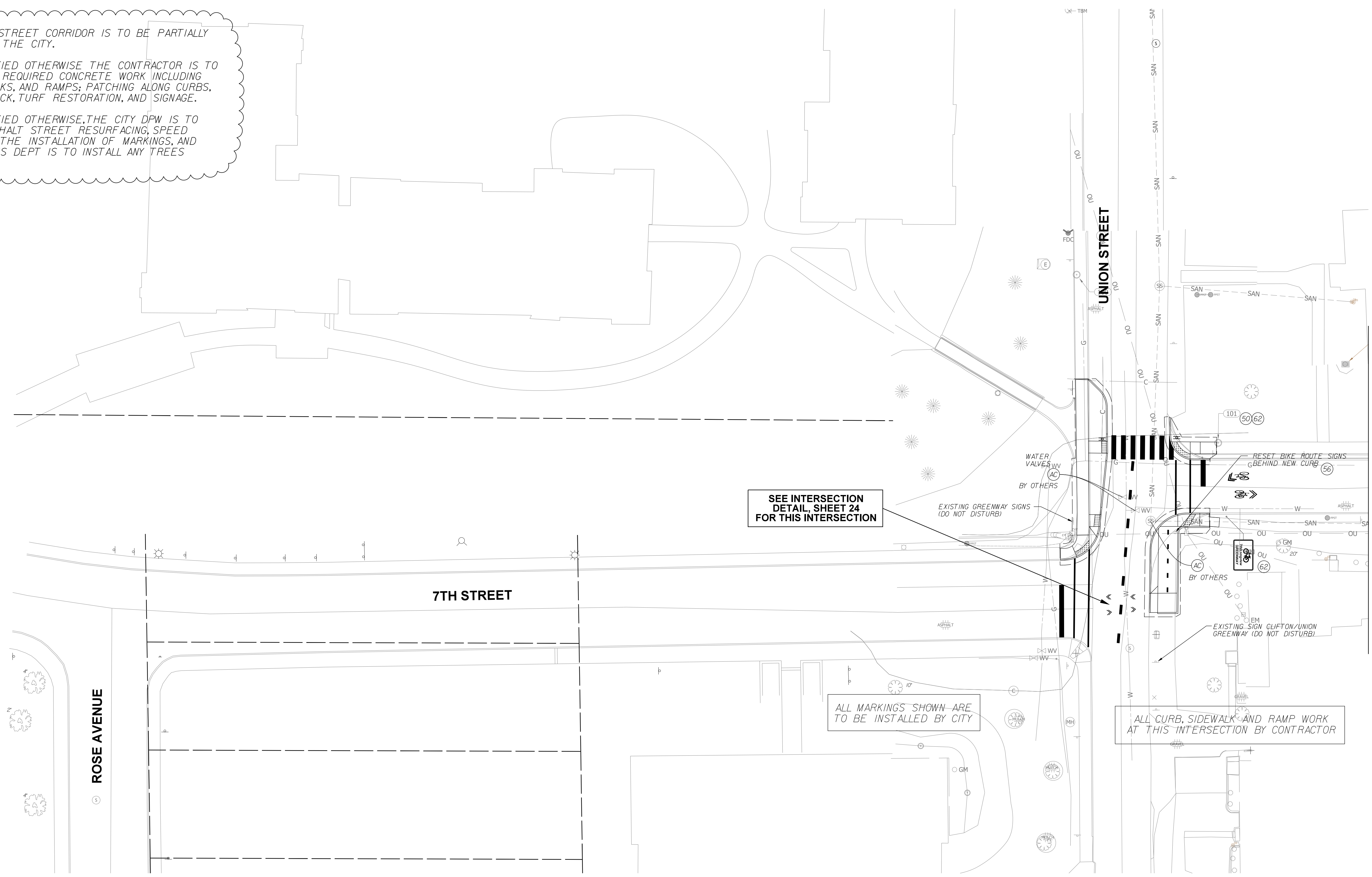
**KEY MAP
EAST 7TH STREET**

HORIZONTAL SCALE	ERCES PROJECT NUMBER
N/A	240
VERTICAL SCALE	
	SHEET NUMBER
	7

WORK ON 7TH STREET CORRIDOR IS TO BE PARTIALLY COMPLETED BY THE CITY.

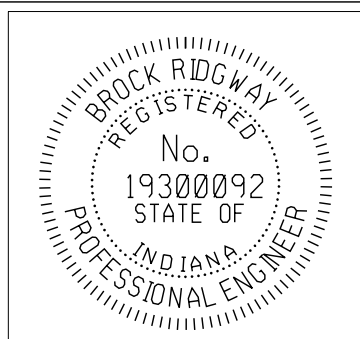
UNLESS SPECIFIED OTHERWISE THE CONTRACTOR IS TO COMPLETE ANY REQUIRED CONCRETE WORK INCLUDING CURBS, SIDEWALKS, AND RAMPS; PATCHING ALONG CURBS, LIMESTONE BLOCK, TURF RESTORATION, AND SIGNAGE.

UNLESS SPECIFIED OTHERWISE, THE CITY DPW IS TO COMPLETE ASPHALT STREET RESURFACING, SPEED CUSHIONS AND THE INSTALLATION OF MARKINGS, AND THE CITY PARKS DEPT IS TO INSTALL ANY TREES OR SHRUBS.



MATCHLINE A-A

101 11/23/2021 11:55:32 AM C:\Projects\0240\Drawings\Plan\Prof_240_Plan001.dgn



RECOMMENDED FOR APPROVAL	<i>B. Ridgway</i>	DESIGN ENGINEER	11-22-2021	DATE
DESIGNED:	BR	DRAWN:	SCS	
CHECKED:	MT	CHECKED:	BR	

CITY OF BLOOMINGTON
DEPARTMENT OF ENGINEERING

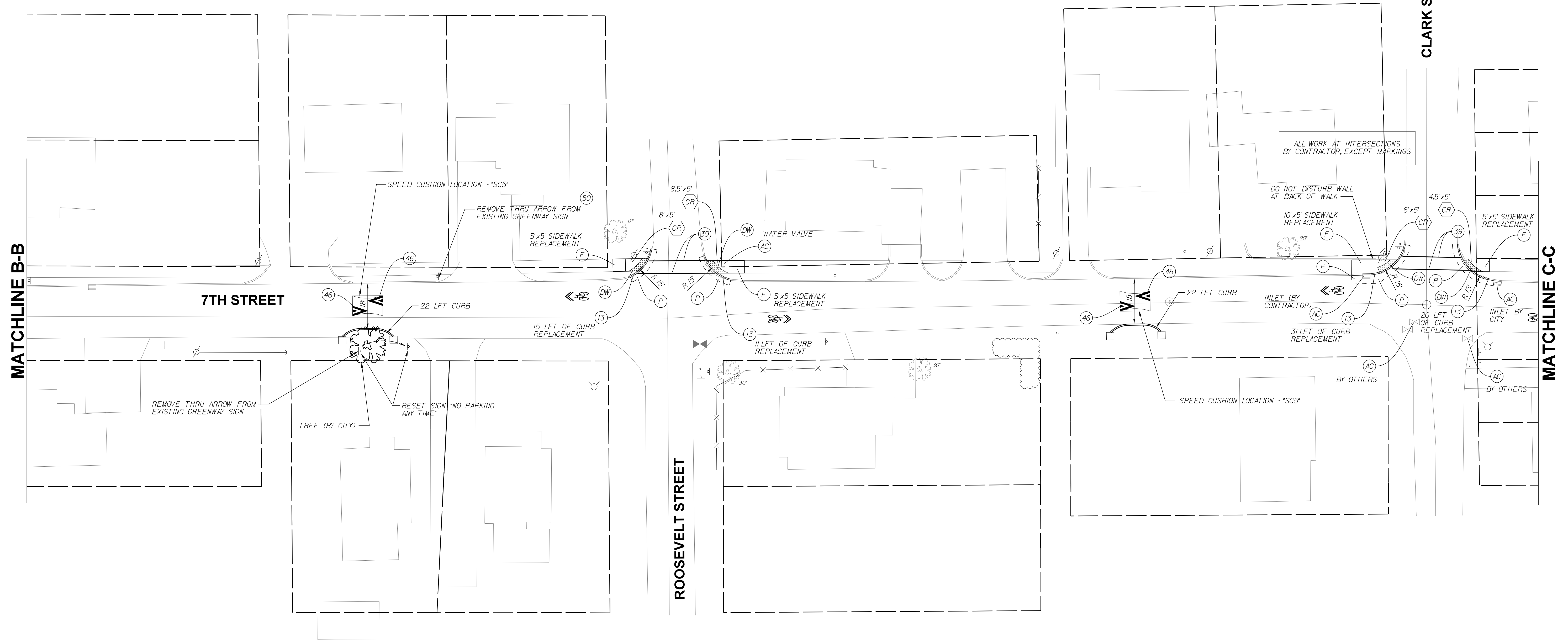
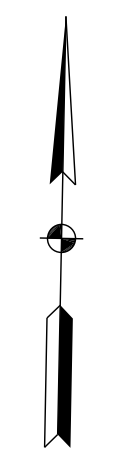
NEIGHBORHOOD GREENWAY PLANS
EAST 7TH STREET

HORIZONTAL SCALE	1" = 20'-0"	ERCES PROJECT NUMBER	240
VERTICAL SCALE		SHEET NUMBER	8

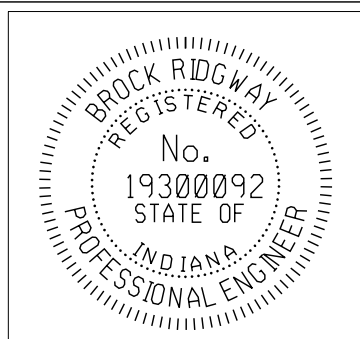
WORK ON 7TH STREET CORRIDOR IS TO BE PARTIALLY COMPLETED BY THE CITY.

UNLESS SPECIFIED OTHERWISE THE CONTRACTOR IS TO COMPLETE ANY REQUIRED CONCRETE WORK INCLUDING CURBS, SIDEWALKS, AND RAMPS; PATCHING ALONG CURBS, LIMESTONE BLOCK, TURF RESTORATION, AND SIGNAGE.

UNLESS SPECIFIED OTHERWISE, THE CITY DPW IS TO COMPLETE ASPHALT STREET RESURFACING, SPEED CUSHIONS AND THE INSTALLATION OF MARKINGS, AND THE CITY PARKS DEPT IS TO INSTALL ANY TREES OR SHRUBS.



103 11/23/2021 1:55:36 AM C:\Proj\665\0240\Drawn\PlanProf_240_Plan001.dgn



RECOMMENDED FOR APPROVAL *B. Ridgway* DESIGN ENGINEER 11-22-2021 DATE

DESIGNED: BR DRAWN: SCS

CHECKED: MT CHECKED: BR

CITY OF BLOOMINGTON
DEPARTMENT OF ENGINEERING

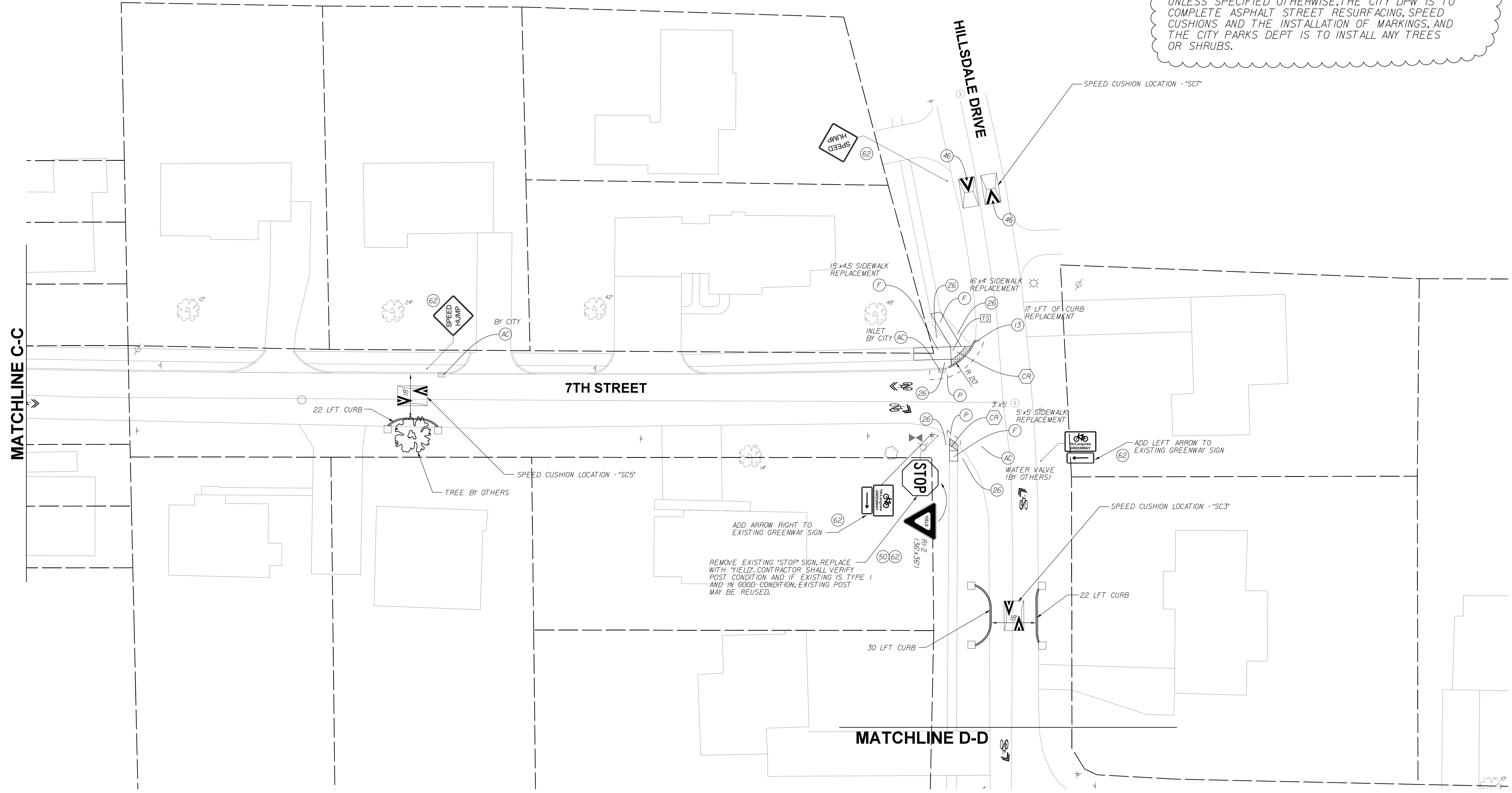
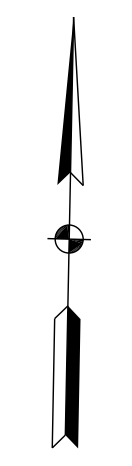
NEIGHBORHOOD GREENWAY PLANS
EAST 7TH STREET

HORIZONTAL SCALE 1" = 20'-0"	ERCES PROJECT NUMBER 240
VERTICAL SCALE	
	SHEET NUMBER 10

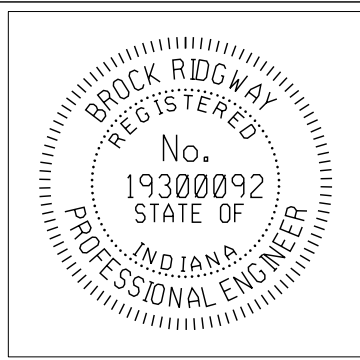
WORK ON 7TH STREET CORRIDOR IS TO BE PARTIALLY COMPLETED BY THE CITY.

UNLESS SPECIFIED OTHERWISE THE CONTRACTOR IS TO COMPLETE ANY REQUIRED CONCRETE WORK INCLUDING CURBS, SIDEWALKS, AND RAMPS; PATCHING ALONG CURBS, LIMESTONE BLOCK, TURF RESTORATION, AND SIGNAGE.

UNLESS SPECIFIED OTHERWISE, THE CITY DPW IS TO COMPLETE ASPHALT STREET RESURFACING, SPEED CUSHIONS AND THE INSTALLATION OF MARKINGS, AND THE CITY PARKS DEPT IS TO INSTALL ANY TREES OR SHRUBS.



104 11/23/2021 11:55:38 AM C:\Projects\0240\Drawings\Plan\Prof_240_Plan001.dgn

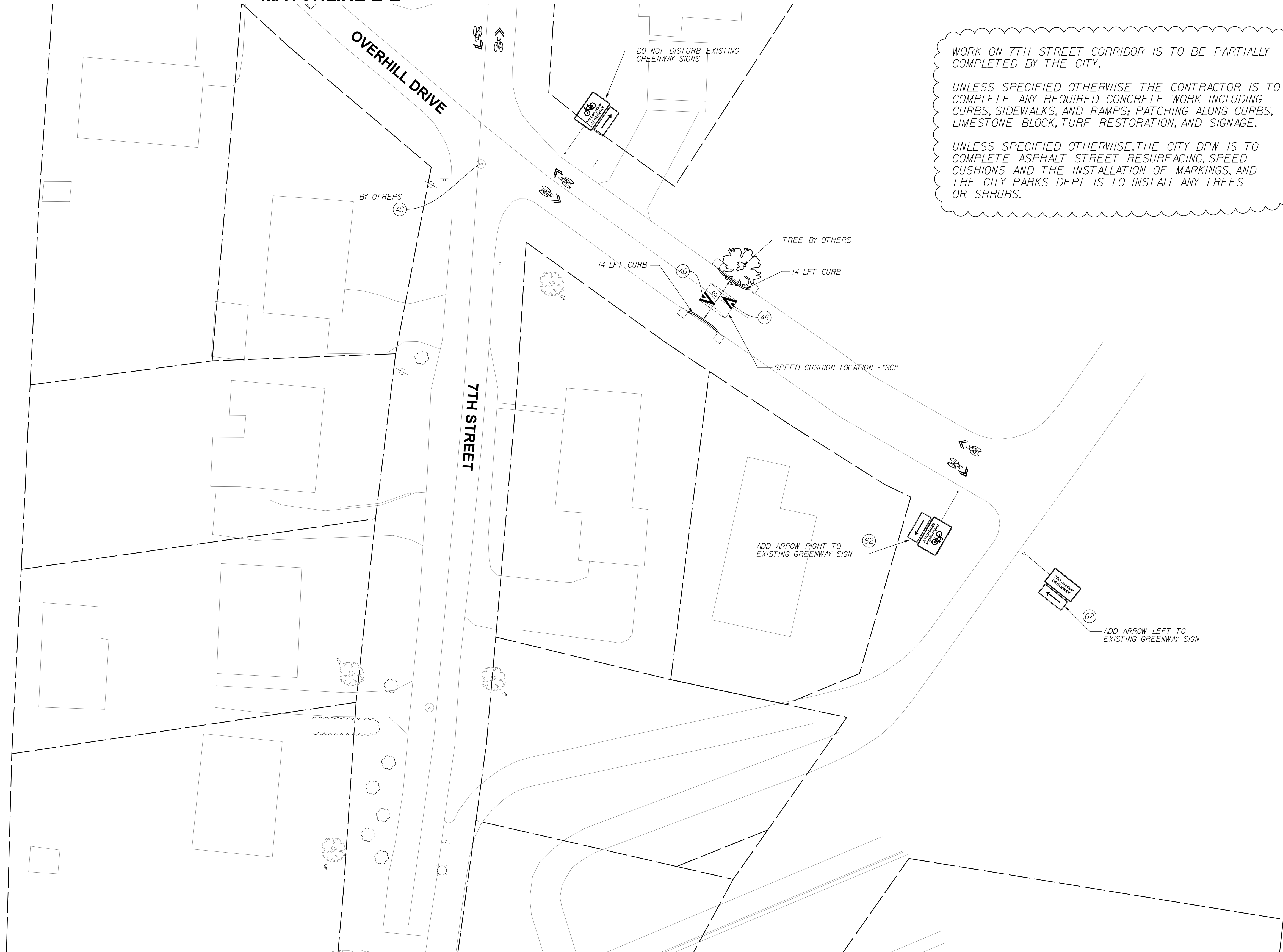


RECOMMENDED FOR APPROVAL	<i>B. Ridgway</i>	DESIGN ENGINEER	11-22-2021	DATE
DESIGNED:	BR	DRAWN:	SCS	
CHECKED:	MT	CHECKED:	BR	

CITY OF BLOOMINGTON
DEPARTMENT OF ENGINEERING
NEIGHBORHOOD GREENWAY PLANS
EAST 7TH STREET

HORIZONTAL SCALE	ERCES PROJECT NUMBER
1" = 20'-0"	240
VERTICAL SCALE	
	SHEET NUMBER
	11

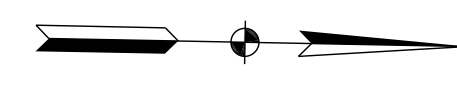
MATCHLINE E-E



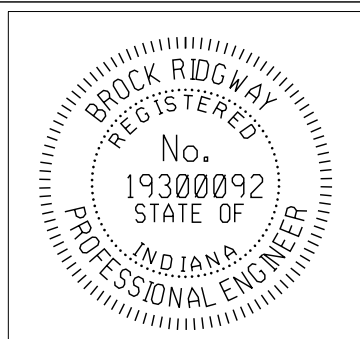
WORK ON 7TH STREET CORRIDOR IS TO BE PARTIALLY COMPLETED BY THE CITY.

UNLESS SPECIFIED OTHERWISE THE CONTRACTOR IS TO COMPLETE ANY REQUIRED CONCRETE WORK INCLUDING CURBS, SIDEWALKS, AND RAMPS; PATCHING ALONG CURBS, LIMESTONE BLOCK, TURF RESTORATION, AND SIGNAGE.

UNLESS SPECIFIED OTHERWISE, THE CITY DPW IS TO COMPLETE ASPHALT STREET RESURFACING, SPEED CUSHIONS AND THE INSTALLATION OF MARKINGS, AND THE CITY PARKS DEPT IS TO INSTALL ANY TREES OR SHRUBS.



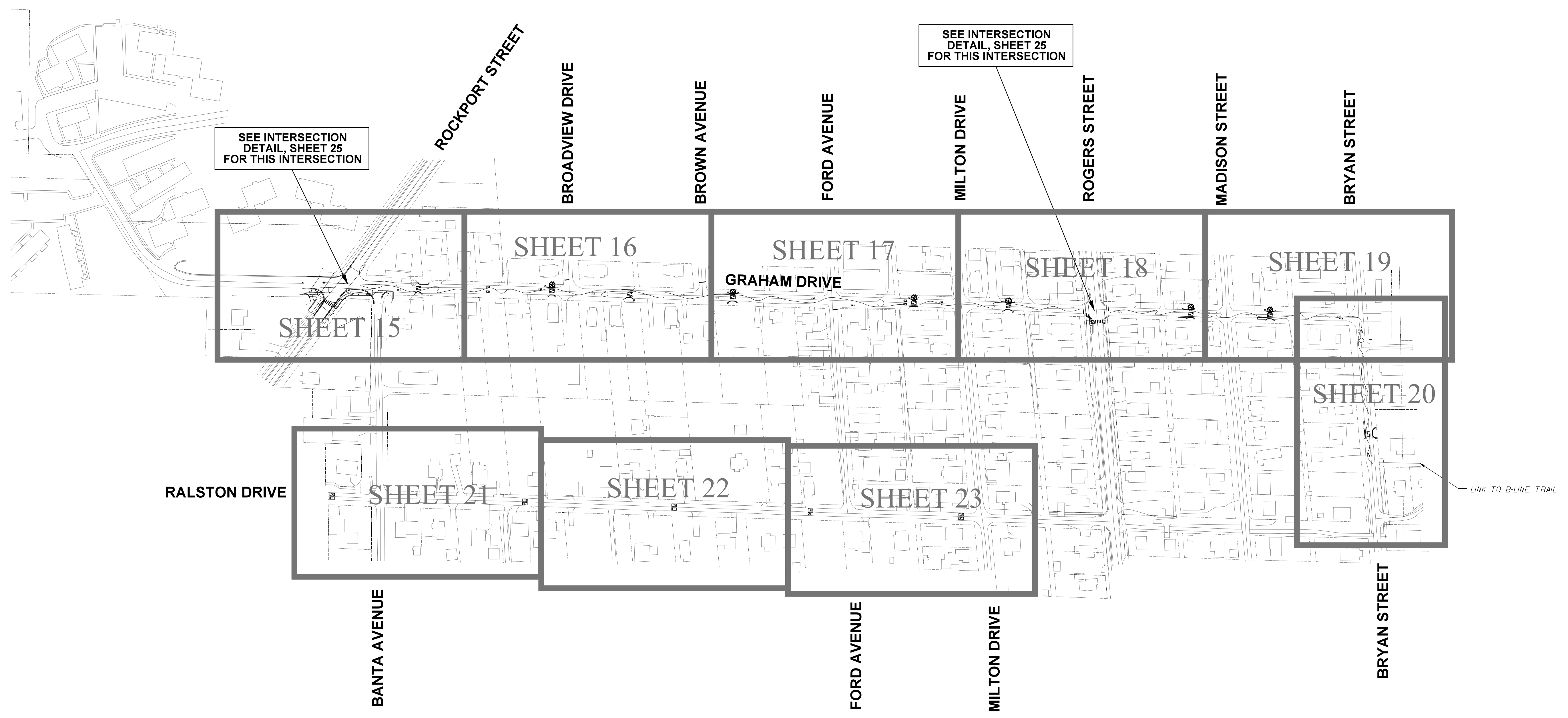
106 11/23/2021 11:55:42 AM C:\Projects\0240\Drawn\Plan\Prof_240_Plan001.dgn



RECOMMENDED FOR APPROVAL	<i>B. Ridgway</i>	DESIGN ENGINEER	11-22-2021	DATE
DESIGNED:	BR	DRAWN:	SCS	
CHECKED:	MT	CHECKED:	BR	

CITY OF BLOOMINGTON
DEPARTMENT OF ENGINEERING
NEIGHBORHOOD GREENWAY PLANS
EAST 7TH STREET

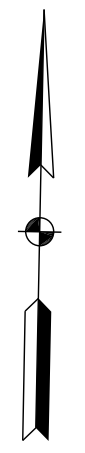
HORIZONTAL SCALE	ERCES PROJECT NUMBER
1" = 20'-0"	240
VERTICAL SCALE	
	SHEET NUMBER
	13



KEY MAP
M.T.S.

400 11/23/2021 11:55:44 AM C:\Projects\0240\Drawings\PlanProf_240_Plan001.dgn

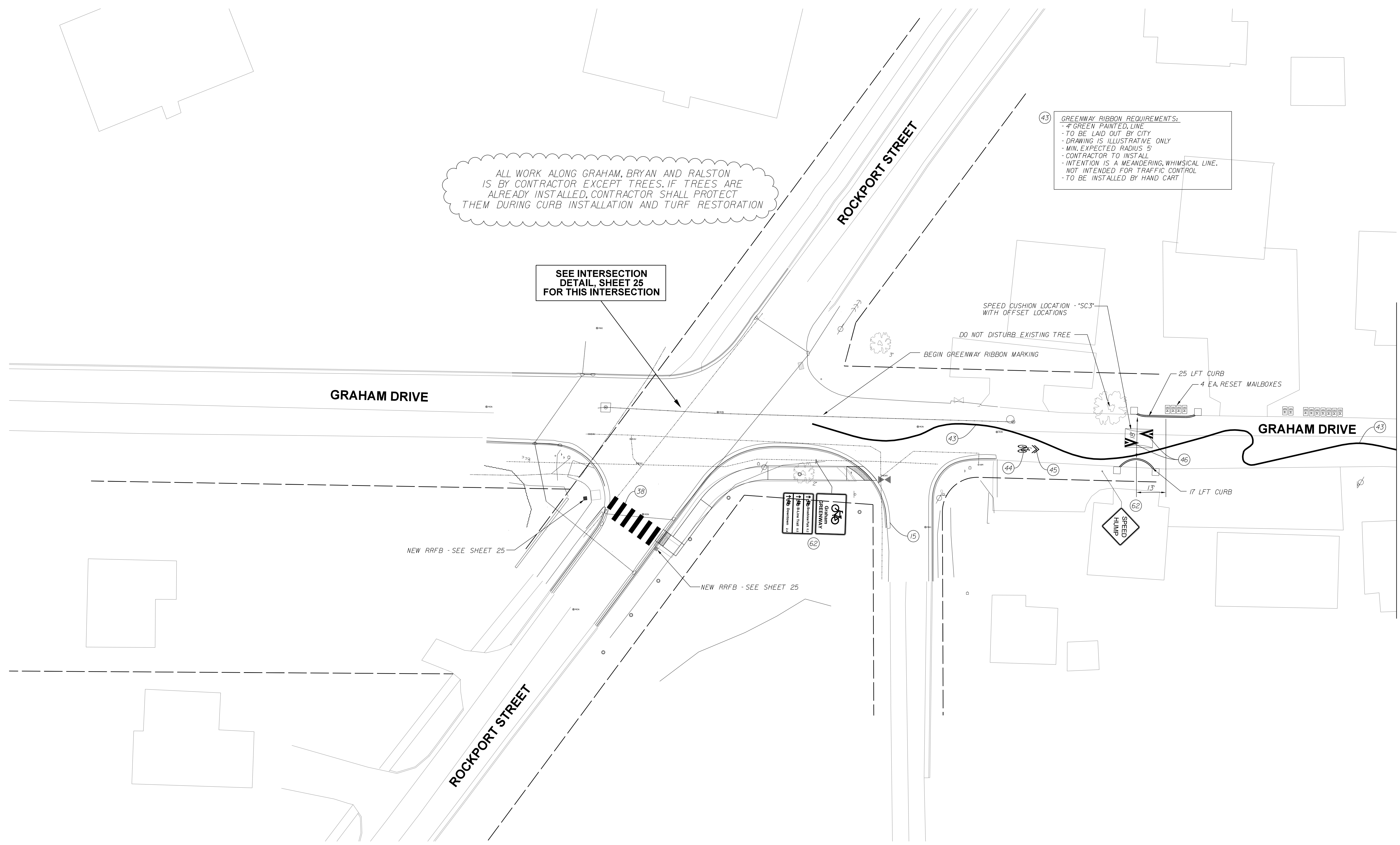
	RECOMMENDED FOR APPROVAL <i>B. Ridgway</i> DESIGN ENGINEER 11-22-2021 DATE	CITY OF BLOOMINGTON DEPARTMENT OF ENGINEERING KEY MAP WEST GRAHAM DRIVE	HORIZONTAL SCALE N/A	ERCES PROJECT NUMBER 240
	DESIGNED: BR DRAWN: SCS CHECKED: MT CHECKED: BR		VERTICAL SCALE	SHEET NUMBER 14



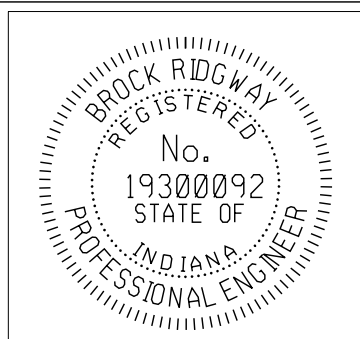
ALL WORK ALONG GRAHAM, BRYAN AND RALSTON IS BY CONTRACTOR EXCEPT TREES. IF TREES ARE ALREADY INSTALLED, CONTRACTOR SHALL PROTECT THEM DURING CURB INSTALLATION AND TURF RESTORATION

43 GREENWAY RIBBON REQUIREMENTS:
 - 4" GREEN PAINTED LINE
 - TO BE LAID OUT BY CITY
 - DRAWING IS ILLUSTRATIVE ONLY
 - MIN. EXPECTED RADIUS 5'
 - CONTRACTOR TO INSTALL
 - INTENTION IS A MEANDERING, WHIMSICAL LINE.
 - NOT INTENDED FOR TRAFFIC CONTROL
 - TO BE INSTALLED BY HAND CART

SEE INTERSECTION DETAIL, SHEET 25 FOR THIS INTERSECTION



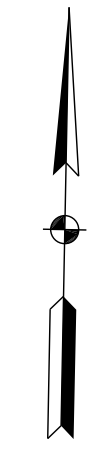
C:\V\Projects\10240\Drawings\Plan\Prof_240_Plan001.dgn 11/23/2021 11:55:46 AM 403



RECOMMENDED FOR APPROVAL	<i>B. Ridgway</i>	DESIGN ENGINEER	11-22-2021	DATE
DESIGNED:	BR	DRAWN:	SCS	
CHECKED:	MT	CHECKED:	BR	

CITY OF BLOOMINGTON
 DEPARTMENT OF ENGINEERING
 NEIGHBORHOOD GREENWAY PLANS
 WEST GRAHAM DRIVE

HORIZONTAL SCALE	1" = 20'-0"	ERCES PROJECT NUMBER	240
VERTICAL SCALE		SHEET NUMBER	15



ALL WORK ALONG GRAHAM, BRYAN AND RALSTON IS BY CONTRACTOR EXCEPT TREES. IF TREES ARE ALREADY INSTALLED, CONTRACTOR SHALL PROTECT THEM DURING CURB INSTALLATION AND TURF RESTORATION

MATCHLINE A-A

MATCHLINE B-B

BROADVIEW DRIVE

BROWN AVENUE

GRAHAM DRIVE

CAREFULLY REMOVE PREFAB SPEED BUMPS. GIVE TO CITY FOR REUSE (TYPICAL FOR ALL EXISTING PREFAB SPEED BUMPS)

SPEED CUSHION LOCATION - "SC1"

SPEED CUSHION LOCATION - "SC3". SEE DETAILS

REMOVE PREFAB SPEED BUMPS. GIVE TO CITY

2 EA. RESET MAILBOXES

22 LFT CURB

TREE BY CITY

RESET MAILBOX TO STREET

29 LFT CURB

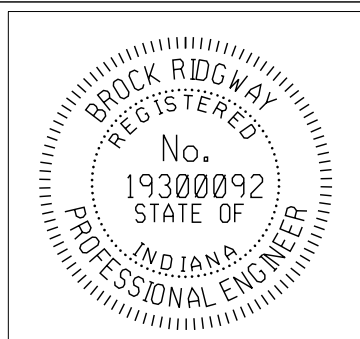
EXCAVATE, FILL LOW AREA WITH COMPACTED AGGREGATE NO. 8s

14 LFT CURB

DO NOT DISTURB WALL IN THIS AREA

30 LFT CURB

404 11/23/2021 1:55:48 AM C:\Projects\0240\Drawings\Plan\Prof_240_Plan001.dgn

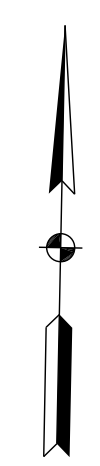


RECOMMENDED FOR APPROVAL	<i>B. Ridgway</i>	DESIGN ENGINEER	11-22-2021	DATE
DESIGNED:	BR	DRAWN:	SCS	
CHECKED:	MT	CHECKED:	BR	

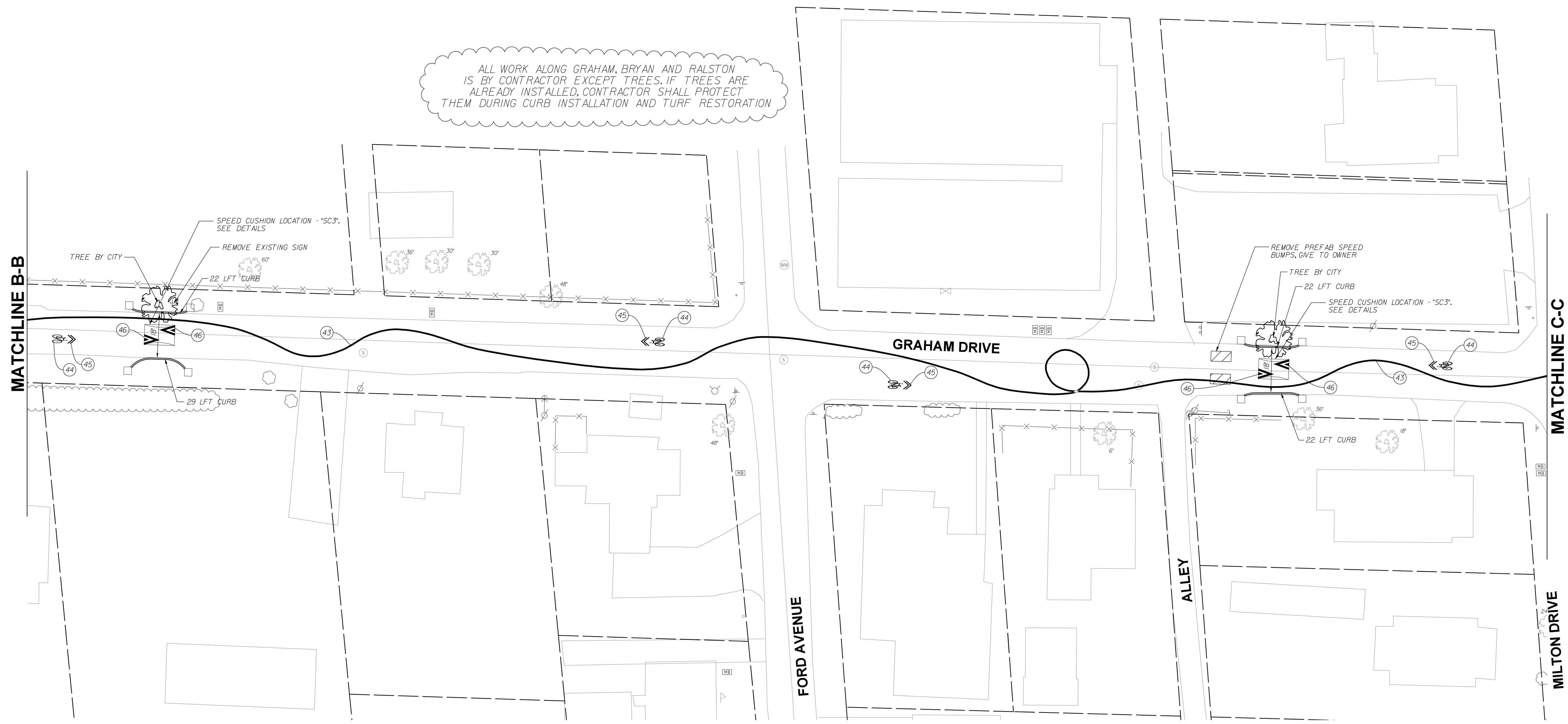
CITY OF BLOOMINGTON
DEPARTMENT OF ENGINEERING

NEIGHBORHOOD GREENWAY PLANS
WEST GRAHAM DRIVE

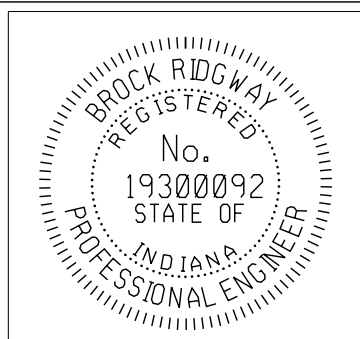
HORIZONTAL SCALE	1" = 20'-0"	ERCES PROJECT NUMBER	240
VERTICAL SCALE		SHEET NUMBER	16



ALL WORK ALONG GRAHAM, BRYAN AND RALSTON IS BY CONTRACTOR EXCEPT TREES. IF TREES ARE ALREADY INSTALLED, CONTRACTOR SHALL PROTECT THEM DURING CURB INSTALLATION AND TURF RESTORATION



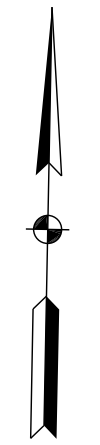
405 11/23/2021 11:55:50 AM C:\Projects\0240\Drawings\Plan\Prof_240_Plan001.dgn



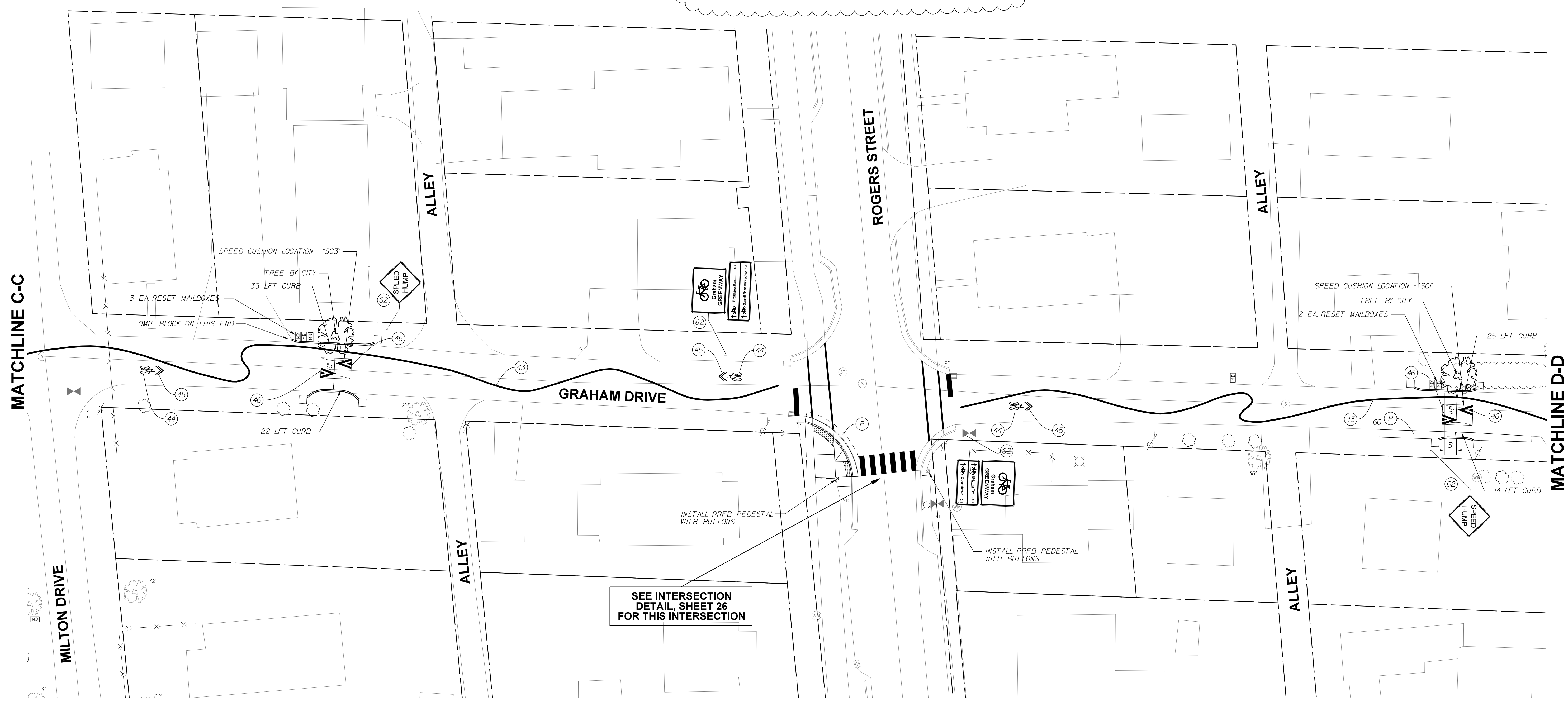
RECOMMENDED FOR APPROVAL	<i>B. Ridgway</i>	DESIGN ENGINEER	11-22-2021	DATE
DESIGNED:	BR	DRAWN:	SCS	
CHECKED:	MT	CHECKED:	BR	

CITY OF BLOOMINGTON
DEPARTMENT OF ENGINEERING
NEIGHBORHOOD GREENWAY PLANS
WEST GRAHAM DRIVE

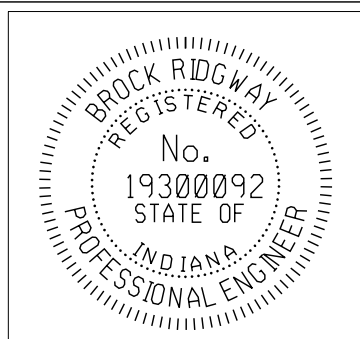
HORIZONTAL SCALE	1" = 20'-0"	ERCES PROJECT NUMBER	240
VERTICAL SCALE		SHEET NUMBER	17



ALL WORK ALONG GRAHAM, BRYAN AND RALSTON IS BY CONTRACTOR EXCEPT TREES. IF TREES ARE ALREADY INSTALLED, CONTRACTOR SHALL PROTECT THEM DURING CURB INSTALLATION AND TURF RESTORATION



406 11/23/2021 11:55:52 AM C:\Projects\10240\Drawings\Plan\Prof_240_Plan001.dgn

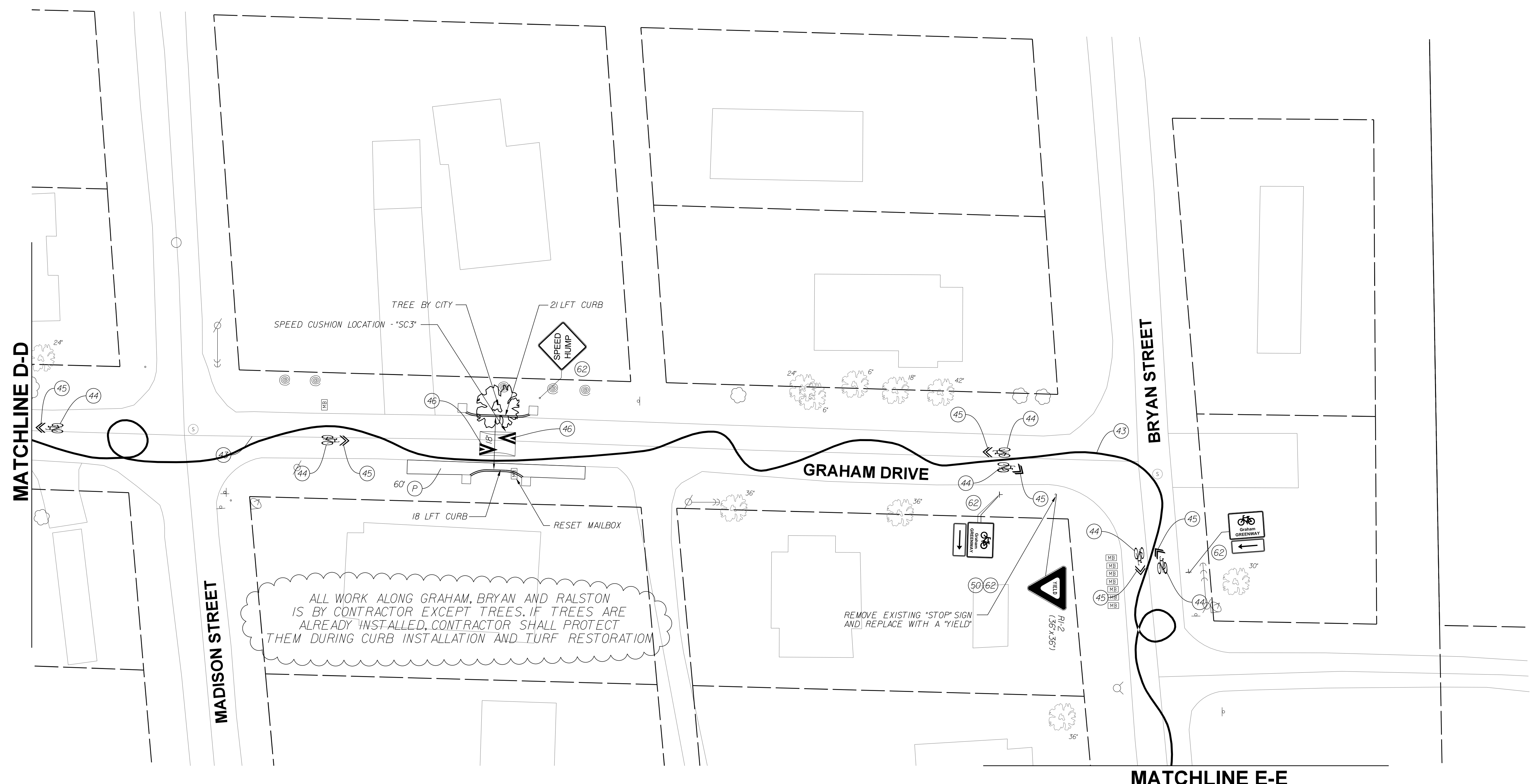


RECOMMENDED FOR APPROVAL	<i>B. Ridgway</i>	DESIGN ENGINEER	11-22-2021	DATE
DESIGNED:	BR	DRAWN:	SCS	
CHECKED:	MT	CHECKED:	BR	

CITY OF BLOOMINGTON
DEPARTMENT OF ENGINEERING

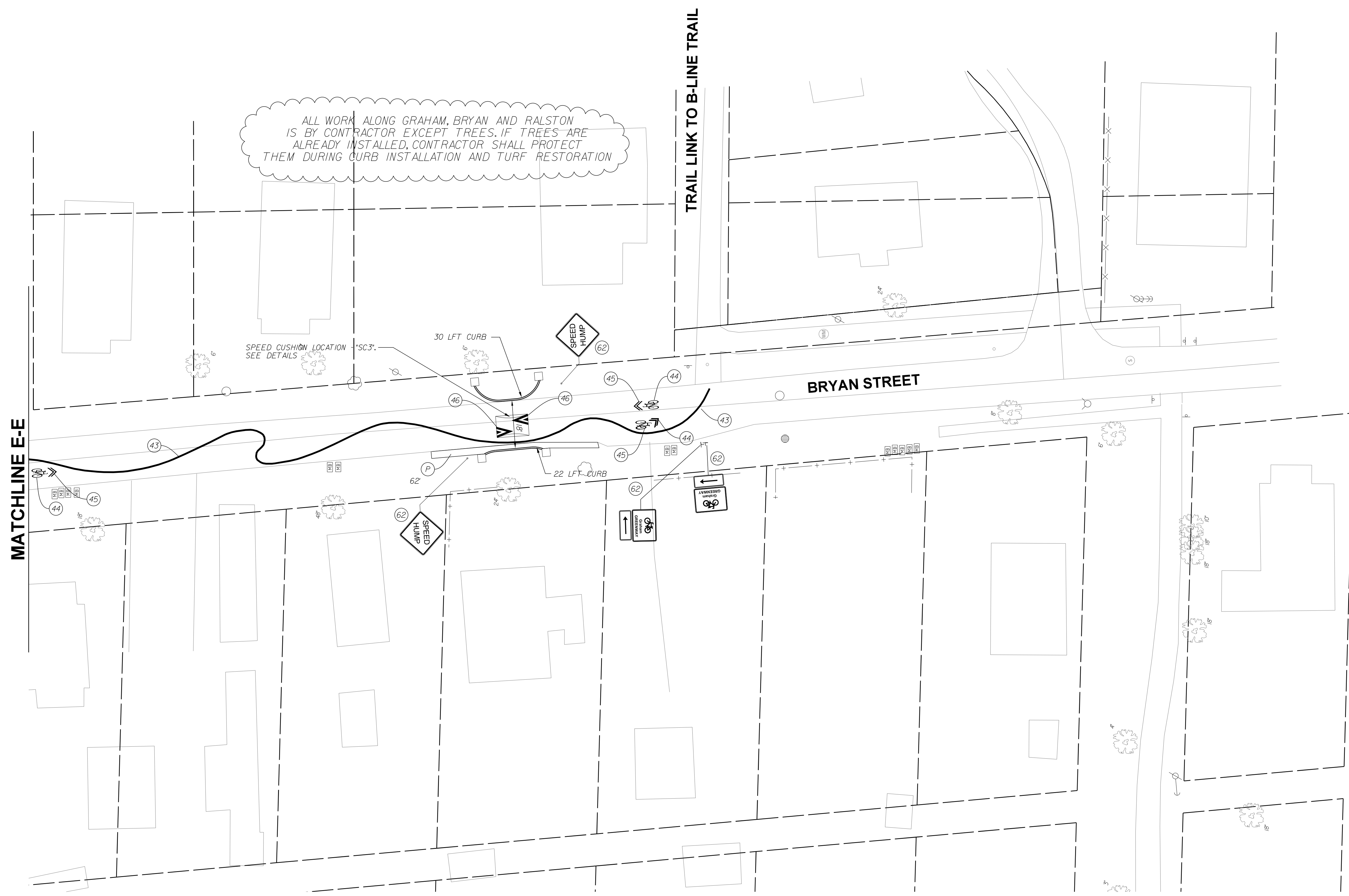
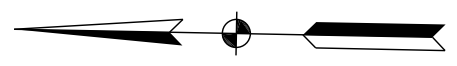
NEIGHBORHOOD GREENWAY PLANS
WEST GRAHAM DRIVE

HORIZONTAL SCALE	1" = 20'-0"	ERCES PROJECT NUMBER	240
VERTICAL SCALE		SHEET NUMBER	18

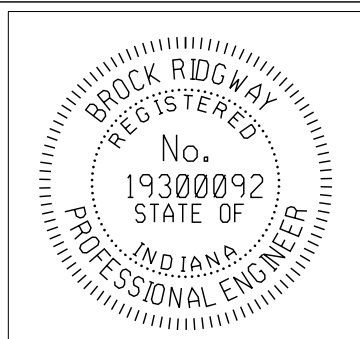


407 11/23/2021 1:55:54 AM C:\Proj\erces\0240\Drawn\Plan\Prof_240_Plan001.dgn

	RECOMMENDED FOR APPROVAL <i>B. Ridgway</i> DESIGN ENGINEER 11-22-2021 DATE	CITY OF BLOOMINGTON DEPARTMENT OF ENGINEERING NEIGHBORHOOD GREENWAY PLANS WEST GRAHAM DRIVE	HORIZONTAL SCALE 1" = 20'-0"	ERCES PROJECT NUMBER 240
	DESIGNED: BR DRAWN: SCS CHECKED: MT CHECKED: BR		VERTICAL SCALE	SHEET NUMBER 19



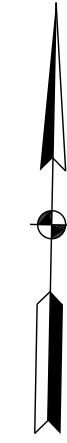
418 11/23/2021 1:55:56 AM C:\Projects\0240\Drawings\Plan\Prof_240_Plan001.dgn



RECOMMENDED FOR APPROVAL	<i>B. Ridgway</i>	DESIGN ENGINEER	11-22-2021	DATE
DESIGNED:	BR	DRAWN:	SCS	
CHECKED:	MT	CHECKED:	BR	

CITY OF BLOOMINGTON
DEPARTMENT OF ENGINEERING
NEIGHBORHOOD GREENWAY PLANS
BRYAN STREET

HORIZONTAL SCALE	1" = 20'-0"	ERCES PROJECT NUMBER	240
VERTICAL SCALE		SHEET NUMBER	20



ALL WORK ALONG GRAHAM, BRYAN AND RALSTON IS BY CONTRACTOR EXCEPT TREES. IF TREES ARE ALREADY INSTALLED, CONTRACTOR SHALL PROTECT THEM DURING CURB INSTALLATION AND TURF RESTORATION

BANTA AVENUE

RALSTON DRIVE

MATCHLINE F-F

SPEED CUSHION LOCATION - "SC7"

SPEED CUSHION LOCATION - "SC7". SEE DETAILS

820 RALSTON

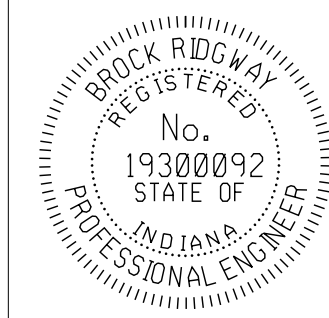
DO NOT DISTURB



CONTRACTOR SHALL PAINT PROPOSED OUTLINES ON PAVEMENT AND VERIFY WITH CITY PRIOR TO INSTALLATION

CONTRACTOR SHALL PAINT PROPOSED OUTLINES ON PAVEMENT AND VERIFY WITH CITY PRIOR TO INSTALLATION

C:\Projects\0240\Drawings\Plan\Prof_240_Plan001.dgn 11/23/2021 11:55:58 AM



RECOMMENDED FOR APPROVAL *B. Ridgway* DESIGN ENGINEER 11-22-2021 DATE

DESIGNED: BR DRAWN: SCS
CHECKED: MT CHECKED: BR

CITY OF BLOOMINGTON
DEPARTMENT OF ENGINEERING

NEIGHBORHOOD GREENWAY PLANS
WEST RALSTON DRIVE

HORIZONTAL SCALE 1" = 20'-0"
VERTICAL SCALE

ERCES PROJECT NUMBER 240

SHEET NUMBER 21



409 11/23/2021 11:56:00 AM C:\Projects\10240\Drawn\Plan\Prof_240_Plan001.dgn

MATCHLINE F-F	
MATCHLINE G-G	

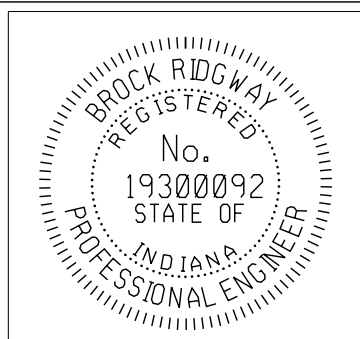
	RECOMMENDED FOR APPROVAL <i>B. Ridgway</i> DESIGN ENGINEER	11-22-2021 DATE
	DESIGNED: BR	DRAWN: SCS
CHECKED: MT	CHECKED: BR	

CITY OF BLOOMINGTON
 DEPARTMENT OF ENGINEERING
 NEIGHBORHOOD GREENWAY PLANS
 WEST RALSTON DRIVE

HORIZONTAL SCALE 1" = 20'-0"	ERCES PROJECT NUMBER 240
VERTICAL SCALE	
	SHEET NUMBER 22

410 11/23/2021 11:56:01 AM C:\Projects\0240\Drawings\Plan\Prof_240_Plan001.dgn

MATCHLINE G-G

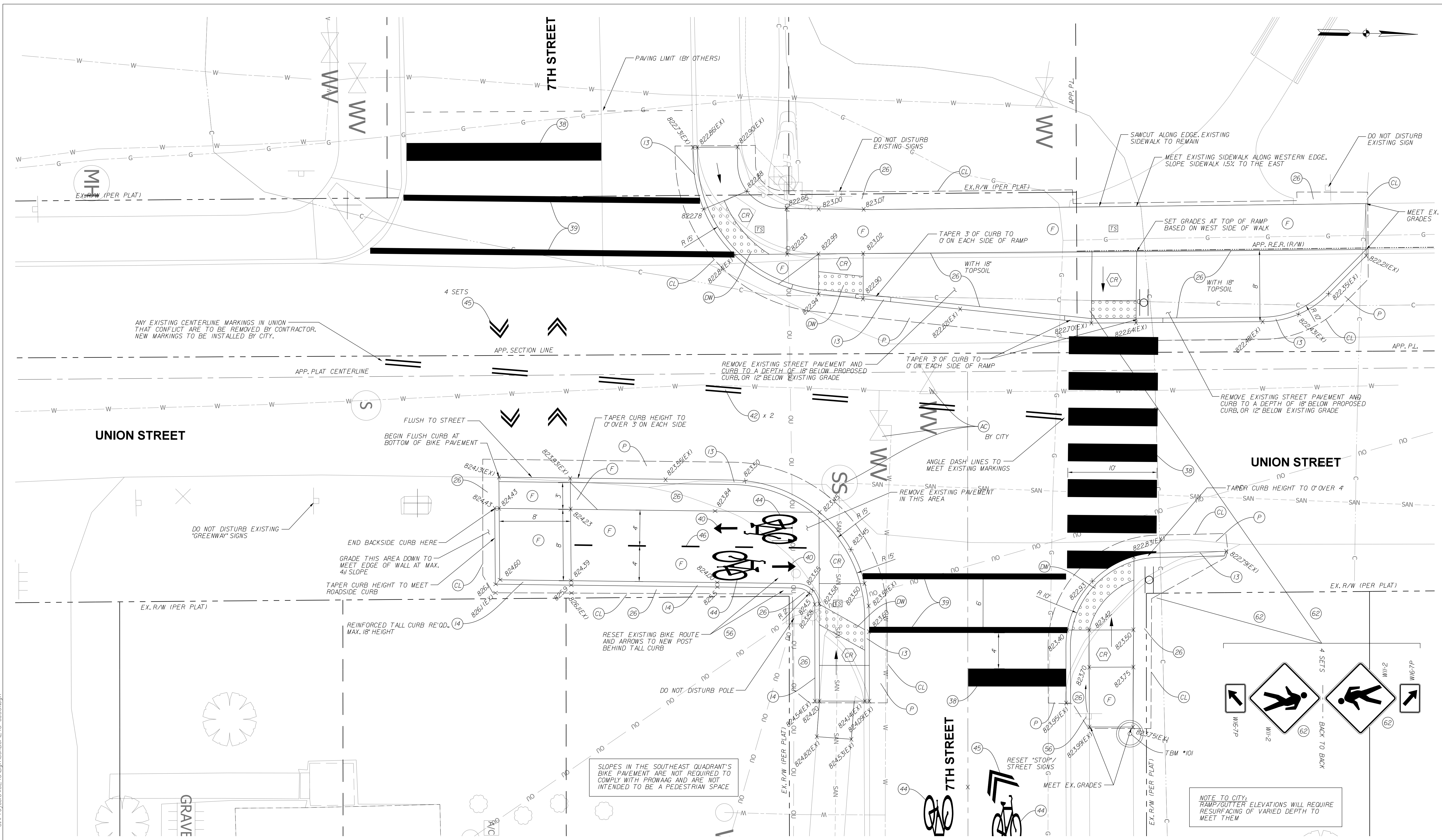


RECOMMENDED FOR APPROVAL	<i>B. Ridgway</i>	DESIGN ENGINEER	11-22-2021	DATE
DESIGNED:	BR	DRAWN:	SCS	
CHECKED:	MT	CHECKED:	BR	

CITY OF BLOOMINGTON
DEPARTMENT OF ENGINEERING

NEIGHBORHOOD GREENWAY PLANS
WEST RALSTON DRIVE

HORIZONTAL SCALE	ERCES PROJECT NUMBER
1" = 20'-0"	240
VERTICAL SCALE	
	SHEET NUMBER
	23



ANY EXISTING CENTERLINE MARKINGS IN UNION THAT CONFLICT ARE TO BE REMOVED BY CONTRACTOR. NEW MARKINGS TO BE INSTALLED BY CITY.

EX. R/W (PER PLAT)

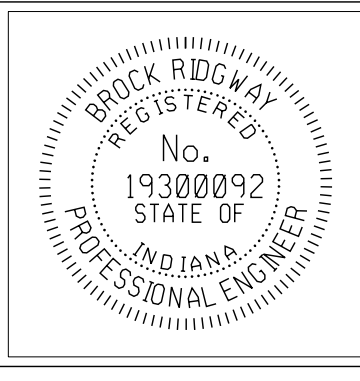
REINFORCED TALL CURB RE'OD. MAX. 18" HEIGHT

SLOPES IN THE SOUTHEAST QUADRANT'S BIKE PAVEMENT ARE NOT REQUIRED TO COMPLY WITH PROVAAG AND ARE NOT INTENDED TO BE A PEDESTRIAN SPACE

NOTE TO CITY: RAMP/GUTTER ELEVATIONS WILL REQUIRE RESURFACING OF VARIOUS DEPTH TO MEET THEM

SIGN AND PAVEMENT MARKINGS LEGEND ITEMS:

38	24" WHITE LINES FOR CROSSWALKS OR STOP BARS, THERMOPLASTIC	50	REMOVE EXISTING SIGN AND POST
39	8" WHITE LINES FOR CROSSWALKS, THERMOPLASTIC	56	RESET EXISTING SIGN ON NEW TYPE I POST
40	ARROW, THERMOPLASTIC (USE APPROVED PRIMER WHEN IN CONCRETE)	62	NEW SIGN ON TYPE I POST
41	4" YELLOW, SOLID LINE, THERMOPLASTIC	DW	DETECTABLE WARNING
		TS	TURNING SPACE MAX. 2X
42	4" DOUBLE YELLOW, THERMOPLASTIC, SKIP LINE (4" LINE, 8" GAP)		
44	BIKE SYMBOLS, THERMOPLASTIC (USE APPROVED PRIMER WHEN IN CONCRETE)		
45	WHITE CHEVRONS (FOR BIKE ROUTE), THERMOPLASTIC		
46	4" YELLOW DASH LINE, 2" LINE, 4" GAP (USE APPROVED PRIMER WHEN IN CONCRETE)		



RECOMMENDED FOR APPROVAL	<i>Bridgway</i>	DESIGN ENGINEER	11-22-2021	DATE
DESIGNED:	BR	DRAWN:	SCS	
CHECKED:	MT	CHECKED:	BR	

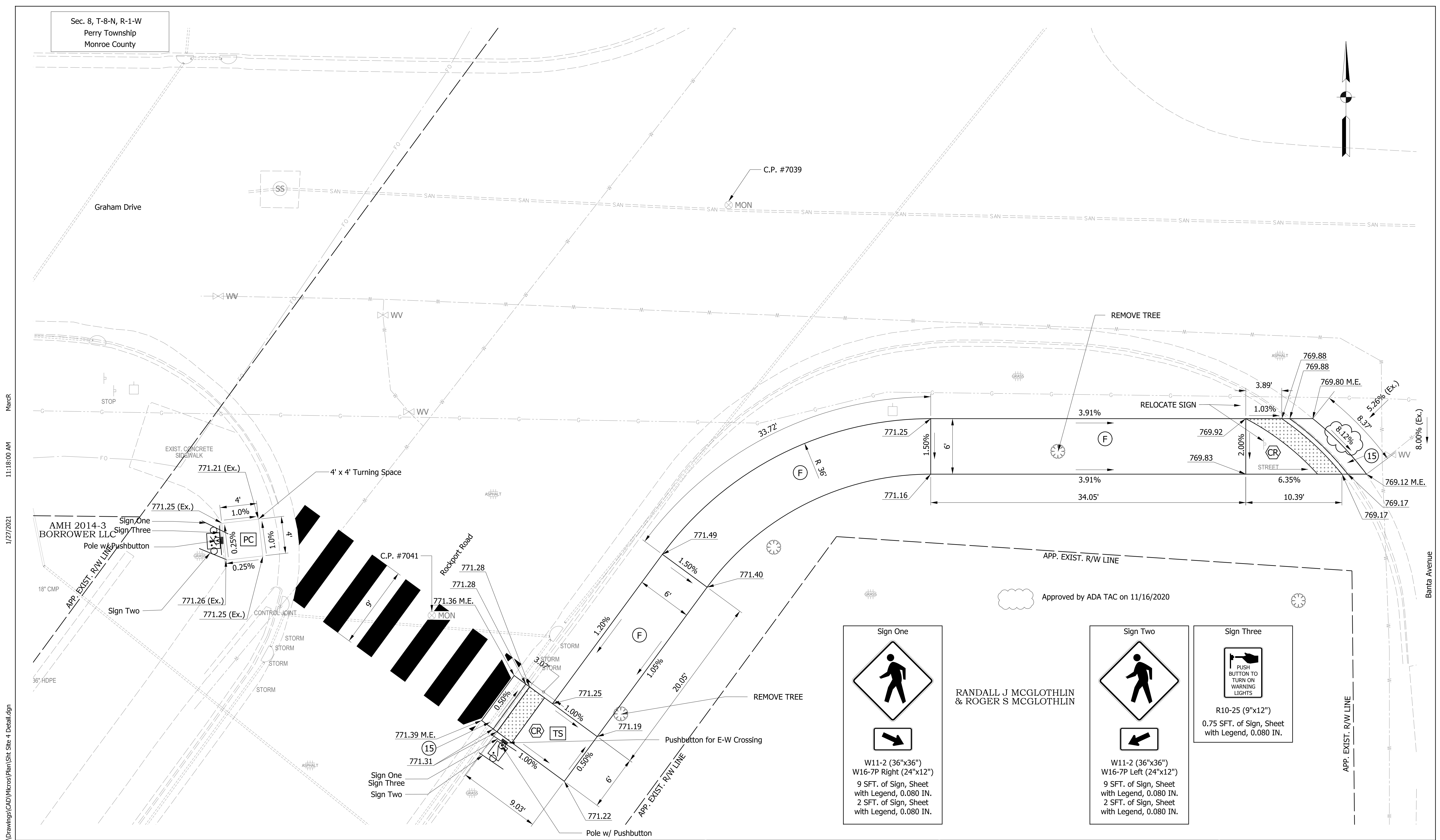
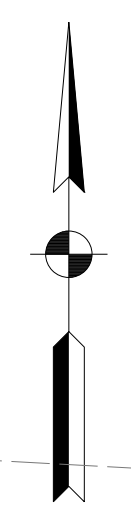
**CITY OF BLOOMINGTON
DEPARTMENT OF ENGINEERING**

**INTERSECTION DETAIL
7TH AND UNION STREETS**

HORIZONTAL SCALE	ERCES PROJECT NUMBER
1" = 5'-0"	240
VERTICAL SCALE	
	SHEET NUMBER
	24

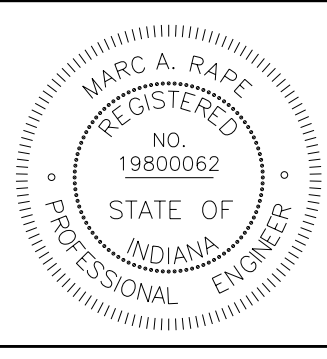
C:\P\Projects\10240\Drawings\ConDen\240_cad001.dgn 11/23/2021 11:56:04 AM

Sec. 8, T-8-N, R-1-W
Perry Township
Monroe County



S:\COL\4600-4699\4607\002\Drawings\CAD\Micros\Plan\Site 4 Detail.dgn 1/27/2021 11:18:00 AM MarcR

LEGEND		
	DETECTABLE WARNING SURFACE	
	TURNING SPACE	
	CURB RAMP, CONCRETE	
	CONCRETE SIDEWALK	
	TURNING SPACE	
	MODIFIED COMBINED CONCRETE CURB AND GUTTER (VERTICAL)	
	RECTANGULAR RAPID FLASH BEACON (DOUBLE SIDED)	
	PEDESTRIAN CLEAR SPACE	



RECOMMENDED FOR APPROVAL	<i>Marc A. Rape</i>	1/26/2021
DESIGNED:	SWW	DRAWN:
CHECKED:	MAR	CHECKED:

INDIANA
DEPARTMENT OF TRANSPORTATION

SITE 4 CROSSING
ROCKPORT ROAD & GRAHAM DRIVE

HORIZONTAL SCALE	BRIDGE FILE NO.
1" = 5'	N/A
VERTICAL SCALE	DESIGNATION NO.
NA	4600976
SURVEY BOOK NO.	SHEETS
ELECTRONIC	of
CONTRACT NO.	PROJECT NO.
460337	4600976

Sign One

W11-2 (36"x36")
W16-7P Right (24"x12")
9 SFT. of Sign, Sheet with Legend, 0.080 IN.
2 SFT. of Sign, Sheet with Legend, 0.080 IN.

Sign Two

W11-2 (36"x36")
W16-7P Left (24"x12")
9 SFT. of Sign, Sheet with Legend, 0.080 IN.
2 SFT. of Sign, Sheet with Legend, 0.080 IN.

Sign Three

R10-25 (9"x12")
0.75 SFT. of Sign, Sheet with Legend, 0.080 IN.

RANDALL J MCGLOTHLIN & ROGER S MCGLOTHLIN

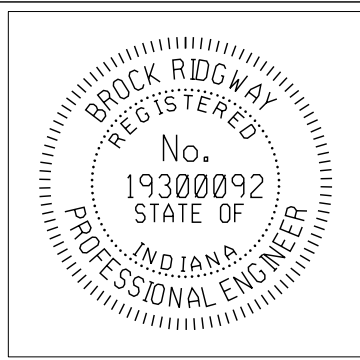
Approved by ADA TAC on 11/16/2020



C:\P\Projects\10240\Drawn\ConDen\240_cd001.dgn
 11/23/2021 11:56:07 AM
 04406

SIGN AND PAVEMENT MARKINGS LEGEND ITEMS:

- | | | |
|--|---|---|
| (38) 2" WHITE LINES FOR CROSSWALKS OR STOP BARS, THERMOPLASTIC | (42) 4" YELLOW, SKIP LINE (4 LINE, 8" GAP) | (56) RESET EXISTING SIGN ON NEW TYPE I POST |
| (39) 8" WHITE LINES FOR CROSSWALKS, THERMOPLASTIC | (44) BIKE SYMBOLS, THERMOPLASTIC | (62) NEW SIGN ON TYPE I POST |
| (40) 4" SOLID, WHITE LINE, PAINT | (45) WHITE CHEVRONS (FOR BIKE ROUTE), THERMOPLASTIC | (DW) DETECTABLE WARNING |
| (41) 4" YELLOW, SOLID LINE, THERMOPLASTIC | (50) REMOVE EXISTING SIGN AND POST | |

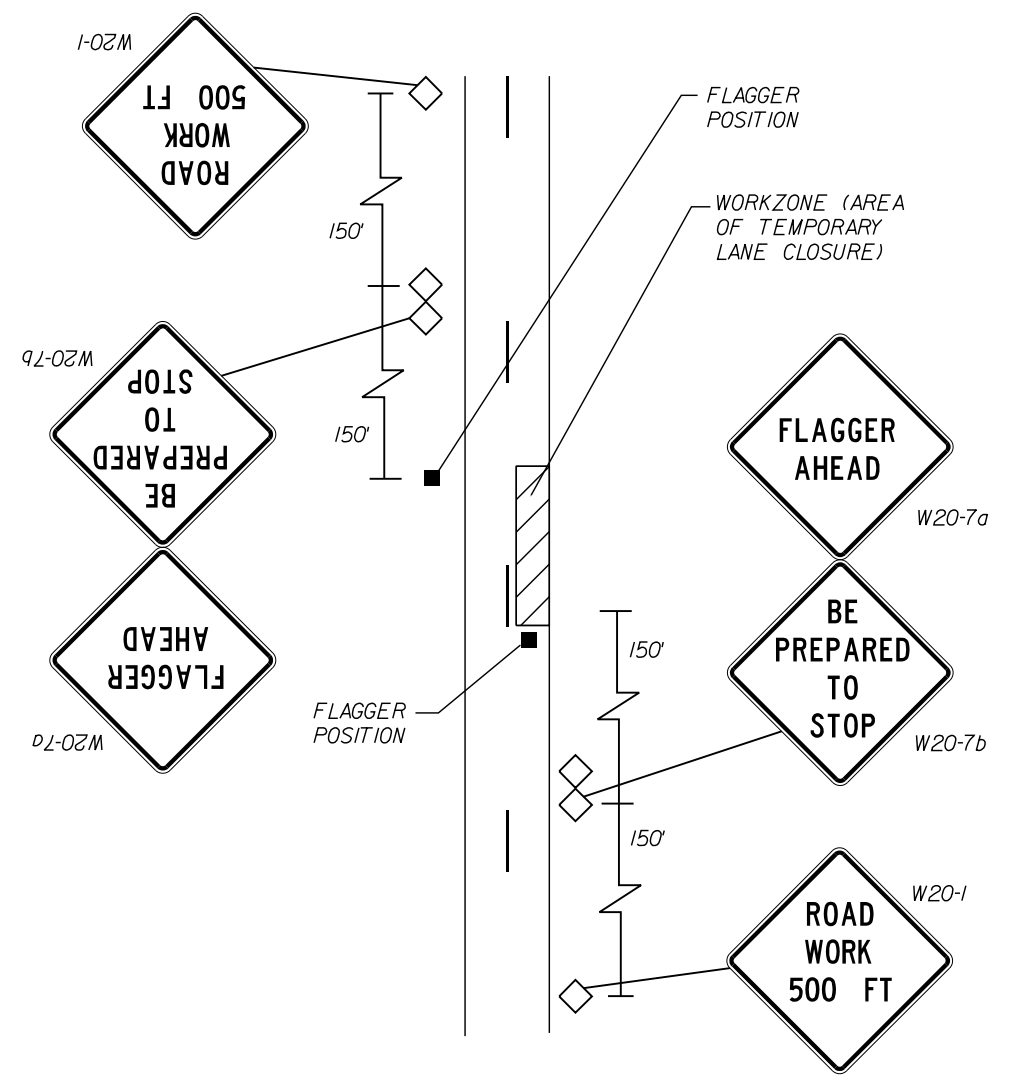


RECOMMENDED FOR APPROVAL	<i>B. Ridgway</i>	DESIGN ENGINEER	11-22-2021	DATE
DESIGNED:	BR	DRAWN:	SCS	
CHECKED:	MT	CHECKED:	BR	

CITY OF BLOOMINGTON
DEPARTMENT OF ENGINEERING

INTERSECTION DETAIL
GRAHAM DRIVE AND ROGERS STREET

HORIZONTAL SCALE	ERCES PROJECT NUMBER
1" = 5'-0"	240
VERTICAL SCALE	
	SHEET NUMBER
	26



TYPICAL LANE RESTRICTIONS ON PUBLIC ROADS USING FLAGGER (IF NEEDED)

NOTE: DISTANCES SHALL BE ADJUSTED TO FIELD CONDITIONS WHERE SPACE IS LIMITED.

THIS DETAIL MAY BE USED ONLY DURING DAYTIME HOURS AND A FLAGGER OPERATION IS PREFERRED. IT SHALL NOT BE USED WHERE PATCHING OPERATIONS ARE LEFT UNFINISHED OVERNIGHT WITHOUT ATTENDANTS.

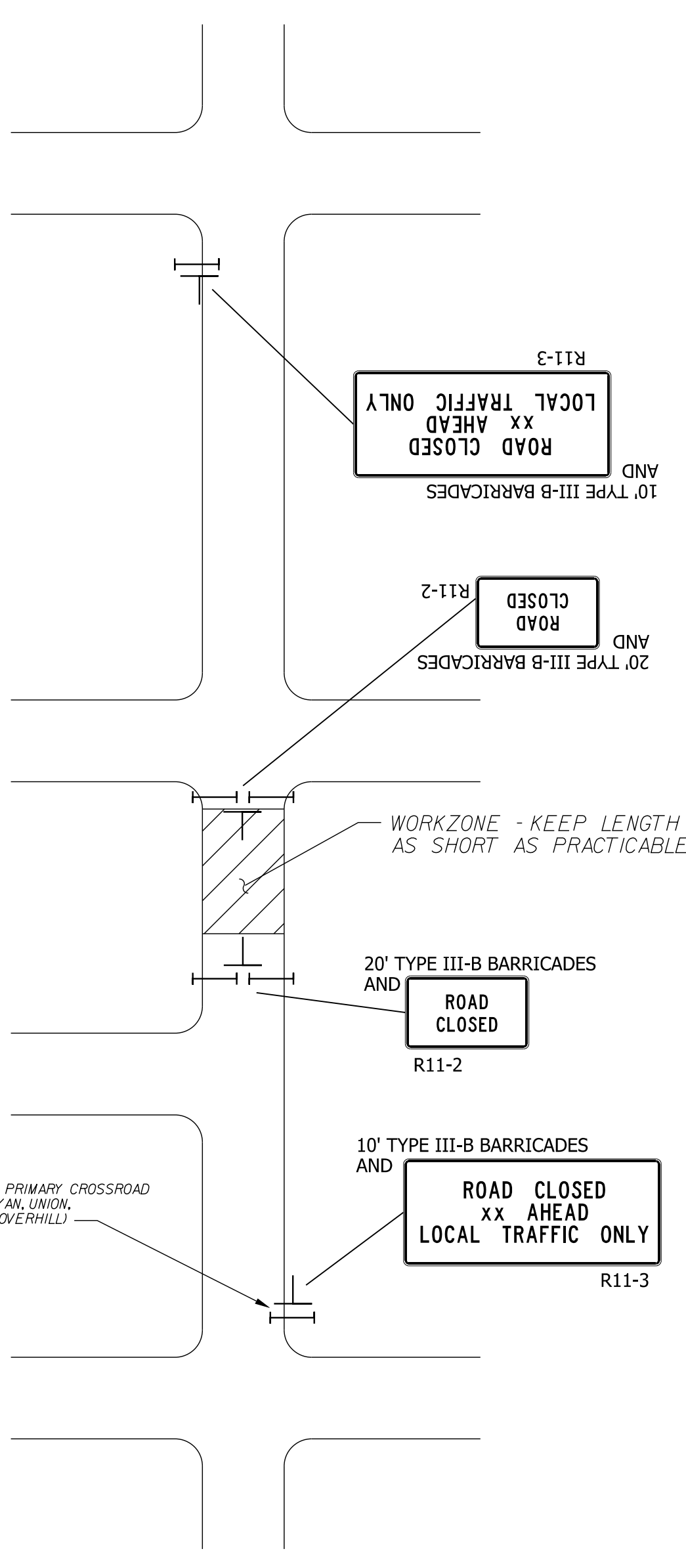
GENERAL REQUIREMENTS:

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

SPECIAL MAINTENANCE OF TRAFFIC CONDITIONS:

1. FULL ROAD CLOSURES ARE ONLY EXPECTED DURING ASPHALT PAVING IN THE STREET, INCLUDING CUSHION INSTALLATIONS. FLAGGER OPERATIONS SHALL BE USED FOR WORK AT EDGE AND OFF STREETS.
2. FULL CLOSURES SHALL CONSIST OF A SOFT CLOSURE AT EDGE OF GREENWAY, STREETS WITH TURNS, OR PRIMARY CROSS-STREETS. HARD CLOSURE SHALL BE AT WORK SITE, SET AS SHORT AS PRACTICABLE.
3. LANDLOCKED PROPERTY OWNERS SHALL BE CONTACTED A MINIMUM ONE WEEK IN ADVANCE FOR TEMPORARY RESTRICTION OF ACCESS TO DRIVES.
4. ROAD RESTRICTIONS SHALL BE LIFTED NIGHTLY.
5. POSTING OF FULL DETOURS IS NOT REQUIRED.
6. FULL CLOSURES OF ROCKPORT, ROGERS OR UNION STREETS ARE NOT ALLOWED.

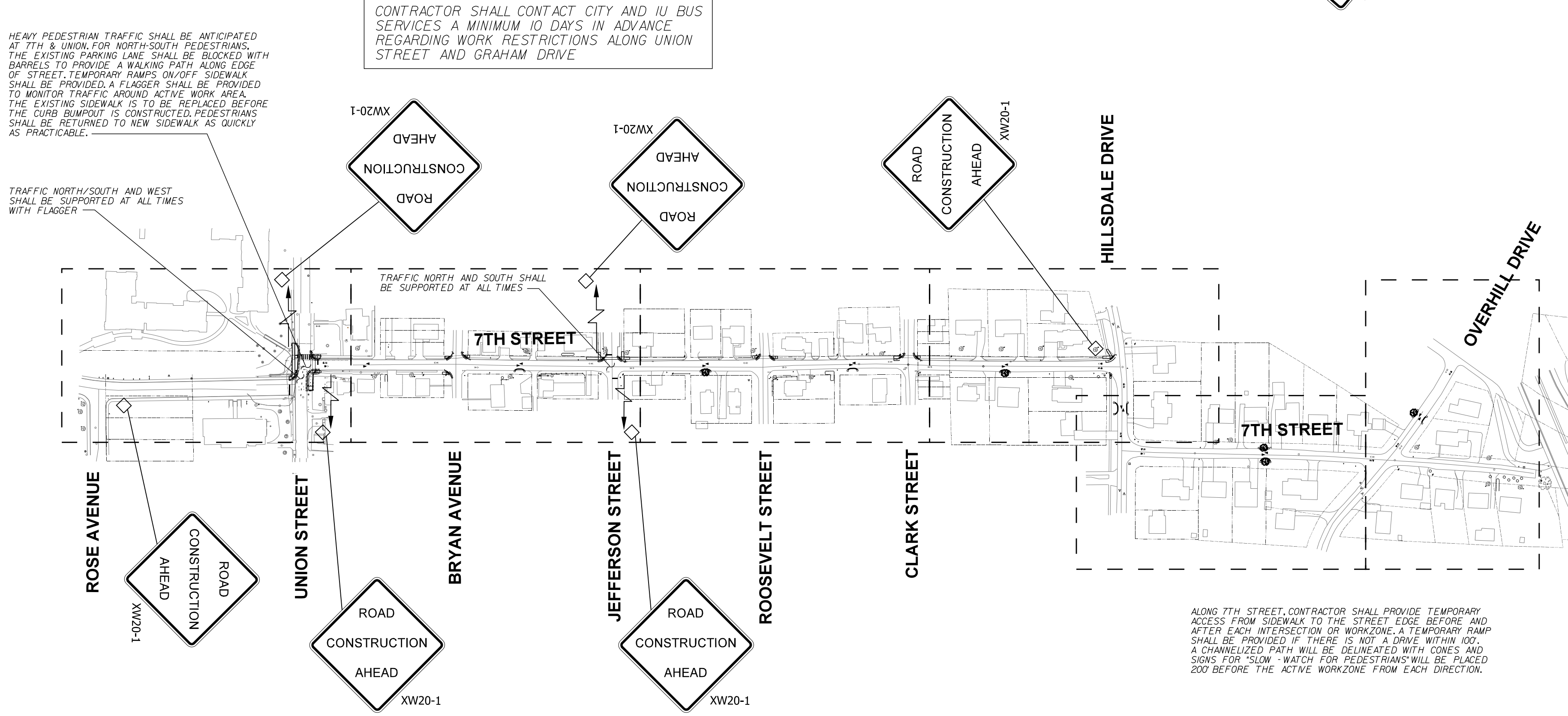
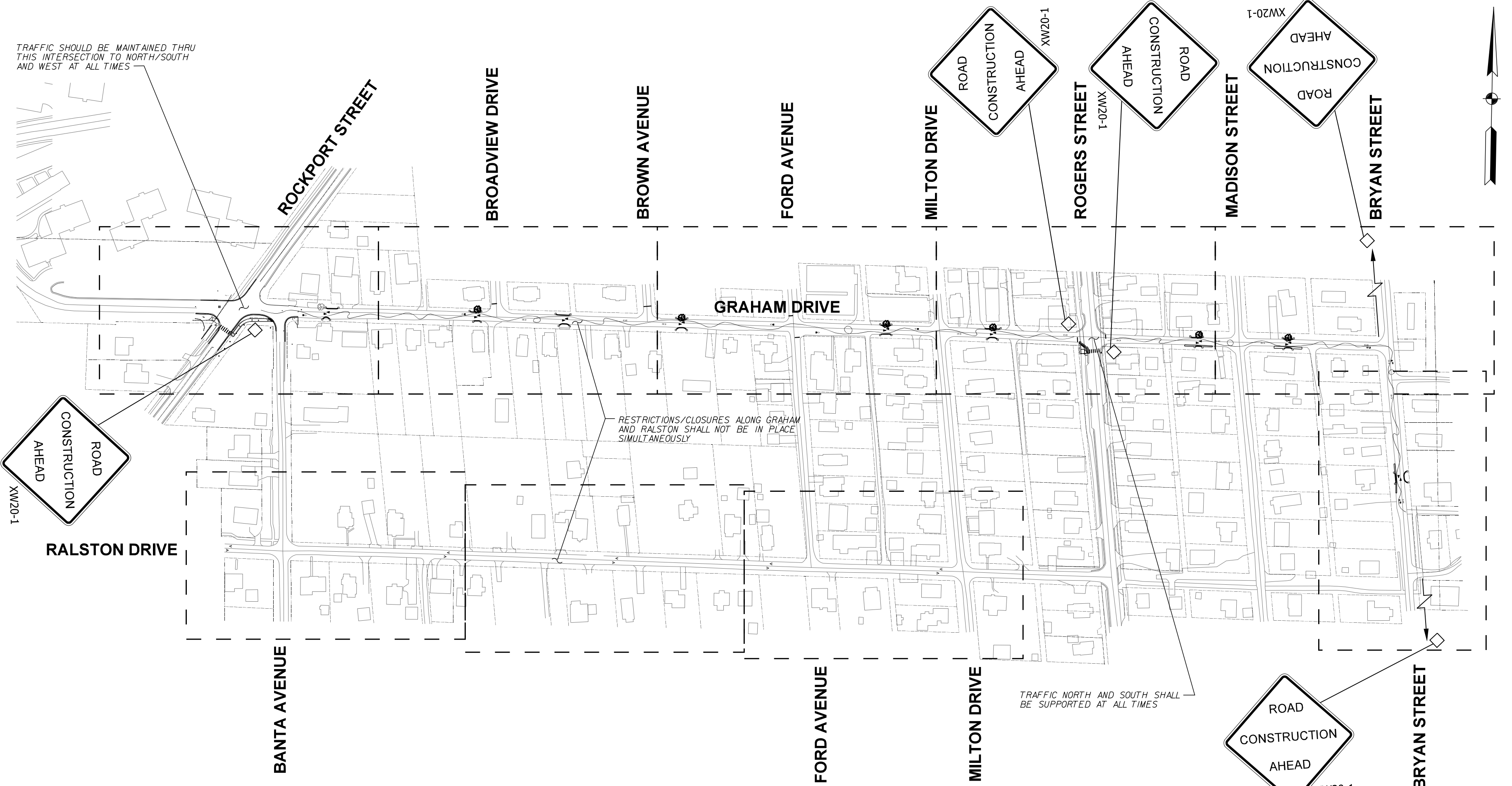
MOT QUANTITIES		
ROAD CLOSURE ASSEMBLIES		
ROAD CLOSED	R11-2	2 EA.
ROAD CLOSED, LOCAL TRAFFIC ONLY	R11-3	2 EA.
TOTAL		4 EA.
BARRICADES, III-B ON PLANS		
UNDISTRIBUTED		60 LFT
		90 LFT
TOTAL		150 LFT
CONSTRUCTION SIGNS, A		
ROAD CONSTRUCTION AHEAD	XW20-1	11 EA.
UNDISTRIBUTED/OWNER DETERMINED	R5-1	4 EA.
FLAGGER AHEAD	W20-7a	3 EA.
BE PREPARED TO STOP	W20-7b	3 EA.
ROAD WORK, 500 FEET	W20-1	3 EA.
SLOW - WATCH FOR PEDESTRIANS	CUSTOM	3 EA.
TOTAL		27 EA.



GENERAL LAYOUT OF ROAD CLOSURE

NTS

ALL CLOSURES OF ROCKPORT, ROGERS OR UNION STREETS ARE NOT ALLOWED

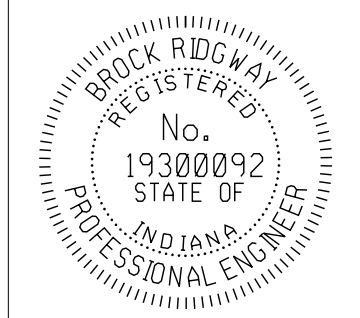


HEAVY PEDESTRIAN TRAFFIC SHALL BE ANTICIPATED AT 7TH & UNION FOR NORTH-SOUTH PEDESTRIANS. THE EXISTING PARKING LANE SHALL BE BLOCKED WITH BARRELS TO PROVIDE A WALKING PATH ALONG EDGE OF STREET. TEMPORARY RAMPS ON/OFF SIDEWALK SHALL BE PROVIDED. A FLAGGER SHALL BE PROVIDED TO MONITOR TRAFFIC AROUND ACTIVE WORK AREA. THE EXISTING SIDEWALK IS TO BE REPLACED BEFORE THE CURB BUMPOUT IS CONSTRUCTED. PEDESTRIANS SHALL BE RETURNED TO NEW SIDEWALK AS QUICKLY AS PRACTICABLE.

CONTRACTOR SHALL CONTACT CITY AND IU BUS SERVICES A MINIMUM 10 DAYS IN ADVANCE REGARDING WORK RESTRICTIONS ALONG UNION STREET AND GRAHAM DRIVE

ALONG 7TH STREET, CONTRACTOR SHALL PROVIDE TEMPORARY ACCESS FROM SIDEWALK TO THE STREET EDGE BEFORE AND AFTER EACH INTERSECTION OR WORKZONE. A TEMPORARY RAMP SHALL BE PROVIDED IF THERE IS NOT A DRIVE WITHIN 100'. A CHANNELIZED PATH WILL BE DELINEATED WITH CONES AND SIGNS FOR 'SLOW - WATCH FOR PEDESTRIANS' WILL BE PLACED 200 FEET BEFORE THE ACTIVE WORKZONE FROM EACH DIRECTION.

MOT01 11/23/2021 11:56:10 AM C:\P\0\6635\0240\0pm\Main\TR\aff\240 MOT001.dgn



RECOMMENDED FOR APPROVAL	<i>B. Ridgway</i>	DESIGN ENGINEER	11-22-2021
DESIGNED:	BR	DRAWN:	SCS
CHECKED:	MT	CHECKED:	BR

**CITY OF BLOOMINGTON
DEPARTMENT OF ENGINEERING**

MAINTENANCE OF TRAFFIC

HORIZONTAL SCALE	ERCES PROJECT NUMBER
VERTICAL SCALE	240
SHEET NUMBER	
27	