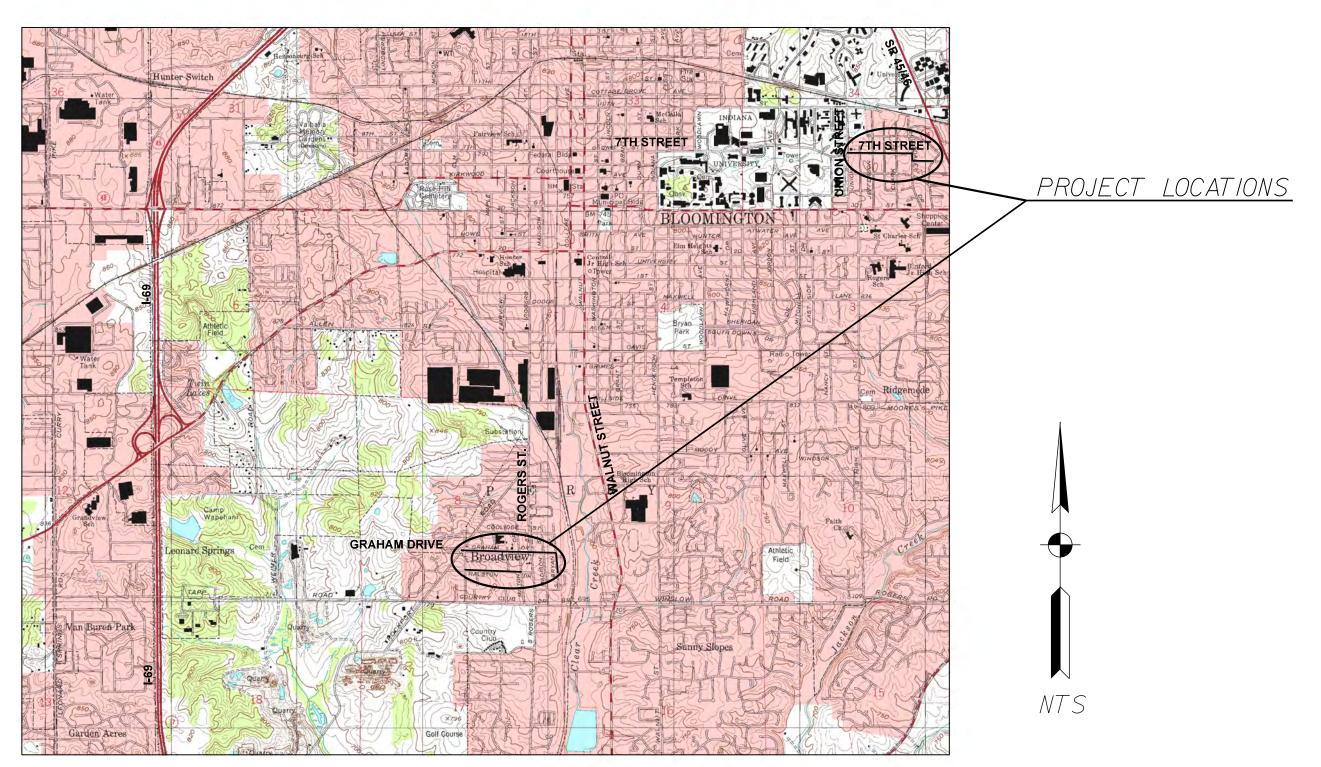
# CITY OF BLOOMINGTON DEPARTMENT OF ENGINEERING



# NEIGHBORHOOD GREENWAYS PHASE 1

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

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

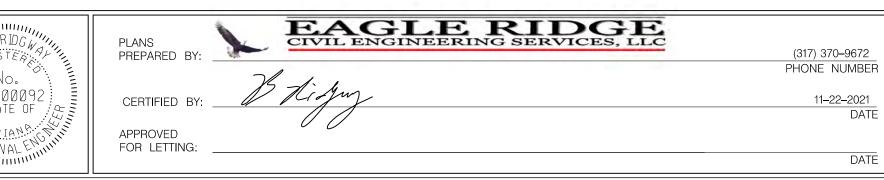


PROJECT LOCATION MAP CITY OF BLOOMINGTON, MONROE COUNTY

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

PREPARED BY:





#### UTILITIES CABLE TELEVISION TELEPHONE/COMMUNICATIONS (CONT.) DUKE (DISTRIBUTION) AT & T COMCAST ATTN: STEVE McARTOR ATTN: CHRISTINA GIROD PRIMARY: JOHN HALL 2450 SOUTH HENDERSON ST. 16475 SOUTH PARK DRIVE (812) 334-4742 ALT:TOD MOORE BLOOMINGTON, IN 47401 WESTFIELD, IN 46074 (812) 360-3090 (812) 334-4718 (812) 273-9596 4517 INDIANA BELL COURT christina.girod@@duke-energy.com BLOOMINGTON, IN 47408 CENTERPOINT ENERGY STORM/SANITARY/WATER SMITHVILLE TELEPHONE CO. ATTN: ARIEL THOMAS CITY OF BLOOMINGTON UTILITIES ATTN: JOE BRYNIARSKI 205 SOUTH MADISON ATTN.: PHIL PEDEN 1600 W.TEMPERANCE ST. BLOOMINGTON, IN 47404 600 E. MILLER DRIVE ELLETTSVILLE, IN 47429-0729 (812) 330-4018 BLOOMINGTON, IN 47401 (812) 935-2262 ariel.thomas@centerpoint.com (812) 349-3634 joe.bryniarski@smithville.com pedenp@bloomington.in.gov FOR SERVICE RELOCATIONS CITY OF BLOOMINGTON (48 HOUR NOTICE NEEDED) TELEPHONE/COMMUNICATIONS CITY OF BLOOMINGTON STREET DEPARTMENT ATTN: US SIGNAL ATTN: MIKE STINSON ATTN: JOHN LUNDELL 1981 S. HENDERSON STREET BLOOMINGTON DIGITAL UNDERGROUND 20110NIA AVENUE SW BLOOMINGTON, IN 47401 GRAND RAPIDS, MI 49503 ATTN.: RICK DIETZ (812) 349-3448 (616) 988-7117 ITS DEPT., CITY HALL stinsonm@bloomington.in.gov jlundell@ussignal.com 401 N. MORTON ST. ZAYO SUITE 150 CENTURYLINK ATTH: WAYLON HIGGINS BLOOMINGTON, IN 47404 (FORMERLY LEVEL 3 AND GTE) 9209 CASTLE GATE DRIVE (812) 349-3485 ATTN: DEWAYNE HAMILTON INDIANAPOLIS, IN 46256 4625 WEST 86TH STREET (765) 341-1199 INDIANAPOLIS, IN 46268 waylon.higgins@zayo.com (317) 966-3356 dewayne.hamilton@centurylink.com

GENERAL NOTES
ALL REMOVAL AND EXCAVATION ITEMS ARE TO BE PAID AS CLEARING,
ALL RADII ARE TO BACK OF CURB LINE.
<u>USE OF INDOT STANDARD SPECIFICATIONS:</u> 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.
<u>USE OF PROPERTY:</u> 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.
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:  I. 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.
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 RECORDSLOCATOR'S MARKINGS, AND PHYSICAL EVIDENCE. OTHER UTILITIES MAY ALSO BE PRESENT. EXACT LOCATIONS AND ELEVATIONS ARE TO BE DETERMINED BY CONTRACTOR.
<u>UTILITY LOCATIONS:</u> 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.
INCIDENTAL WORK: ALL WORK SHOWN OR SPECIFIED IN THE CONTRACT DOCUMENTS AND OTHER WORK WHICH MAY BE INCIDENTAL TO THE DENOTED WORK SHALL BE CONSIDERED TO BE INCLUDED IN THE TOTAL CONTRACT LUMP SUM PRICE.
<u>STAKING:</u> CONTRACTOR SHALL BE RESPONSIBLE FOR ALL STAKING.

	INDEX			
SHEET NO.	DRAWINGS INDEX			
/	TITLE SHEET			
2	INDEX / GENERAL NOTES / LEGEND / UTILITY DATA			
3 - 6	TYPICAL DETAILS			
7 - 13	GREENWAY PLANS - EAST 7TH STREET			
14 - 23	GREENWAY PLANS - WEST GRAHAM AND RALSTON DRIVES			
24 - 26	INTERSECTION DETAILS			
27	MAINTENANCE OF TRAFFIC PLANS			

### GENERAL LEGEND (EXISTING SCREENED, PROPOSED IN BOLD)

<del>\</del>	LIGHT POLE	WM	WATER METER
	WATER VALVE		GAS VALVE
	INLETS	GM	GAS METER
FH	HYDRANT	B	BOLLARD
3 \\//-	T0550	$DS_{\Diamond}$	DOWNSPOUT
	TREES	Is	STORM
_0_	SIGN	——————————————————————————————————————	UNDERGROUND ELECTRIC
		——————————————————————————————————————	UNDERGROUND TELEPHONE
Ø	POWER POLE		OVERHEAD UTILITY
ST SA	MANHOLE (STORM, SANITARY)		WATERMAINS/WATER LINES
			GAS MAINS/LINE
(PH)	TELECOM MANHOLES		GUARDRAIL
AC	AIR CONDITIONER	×	WOOD FENCE

TELE. RISER

ELEC. RISER

MAILBOX

TELECOM MANHOLES

PARKING METER

### MAINTENANCE OF TRAFFIC AND EROSION CONTROL ITEMS

INDOT STANDARD DRUM WITH STEADY BURN LIGHTS

TEMPORARY CONSTRUCTION FENCING, 48" MESH, ORANGE, ON TEMPORARY STANDS

CONSTRUCTION SIGNS (SHAPE PER MUTCD)

### PROPOSED ITEMS

--- EXISTING R/W

- (13) CONCRETE CURB, STANDARD HEIGHT
- (14) CONCRETE, CURB, REINFORCED CONCRETE MAX. HEIGHT 18" EXPOSED
- (15) CURB AND GUTTER
- (26) NURSERY SODDED AREA INCLUDED UP TO 6" TOPSOIL UNLESS OTHERWISE NOTED
- (38) 24" WHITE LINES FOR CROSSWALKS OR STOP BARS, THERMOPLASTIC
- (39) 6" WHITE LINES FOR CROSSWALKS, THERMOPLASTIC
- (40) ARROW, THERMOPLASTIC
- (41) 4" YELLOW, SOLID LINE, THERMOPLASTIC
- 4" YELLOW, SKIP LINE (4' LINE, 8' GAP), THERMOPLASTIC
- (43) GREENWAY CORRIDOR, 4" GREEN LINE, PAINTED (BY HAND CART)
- (44) BIKE SYMBOLS, THERMOPLASTIC
- (45) WHITE CHEVRONS (FOR BIKE ROUTE), THERMOPLASTIC
- 46) SPEED CUSHION MARKINGS
- 50) REMOVE EXISTING SIGN AND POST
- (56) RESET EXISTING SIGN ON NEW TYPE I POST WITH UNREINFORCED ANCHOR BASE
- (62) NEW SIGN ON TYPE I POST WITH UNREINFORCED ANCHOR BASE

A CRUSHED AGGREGATE NO. 8s FOR MISCELLANEOUS PARKING AREAS

(AC) ADJUST CASTING TO GRADE

(CL) CONSTRUCTION LIMITS

DW CAST STEEL DETECTABLE WARNING PLATES (ON RADIUS, IF RADIUS LABELLED)

CONCRETE SIDEWALK, 4" ON 4" COMPACTED AGGREGATE

PCCP FOR PATCHING, 12"

(CR) RAMP, CONCRETE INCLUDING METAL DETECTABLE WARNING PLATES 6" THICK ON 4" COMPACTED AGGREGATE BASE NO. 53s

TI - SWAMP WHITE OAK
T2 - KENTUCKY COFFEETREE
T3 - TULIP TREE

HEIGHT/SIZE RESTRICTED LOCATIONS:

T4 - REDBUD - SINGLE STEM
T5 - SERVICEBERRY - SINGLE STEM
T6 - DOGWOOD - SINGLE STEM

TREES, MIN. 2.5" CALIPER:

UNRESTRICTED LOCATIONS:

FOR INFO ONLY:
ALL TREES AND SHRUBS TO BE
INSTALLED BY CITY

1	_		
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CITY OF BLOOMINGTON
DEPARTMENT OF ENGINEERING

VERTICAL SCALE

INDEX / GENERAL NOTES / LEGEND /

N/A

UTILITY DATA

HORIZONTAL SCALE

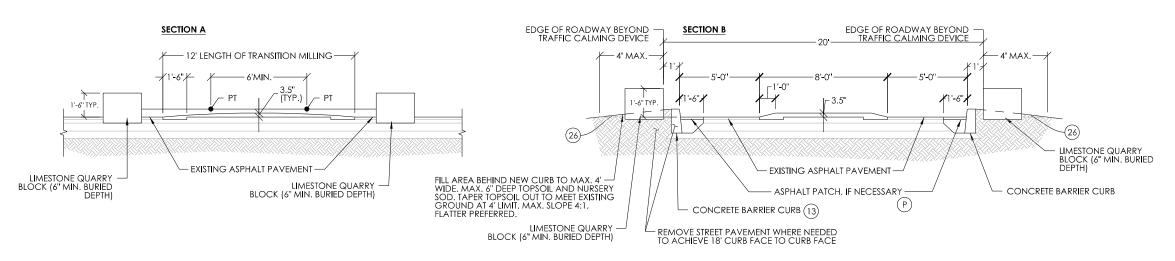
240

VERTICAL SCALE

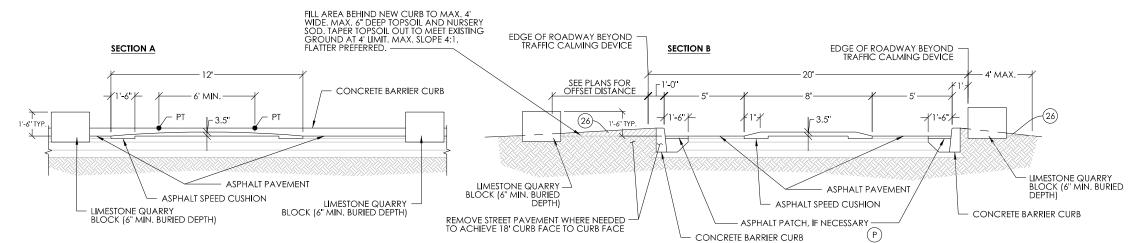
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SHEET NUMBER

2

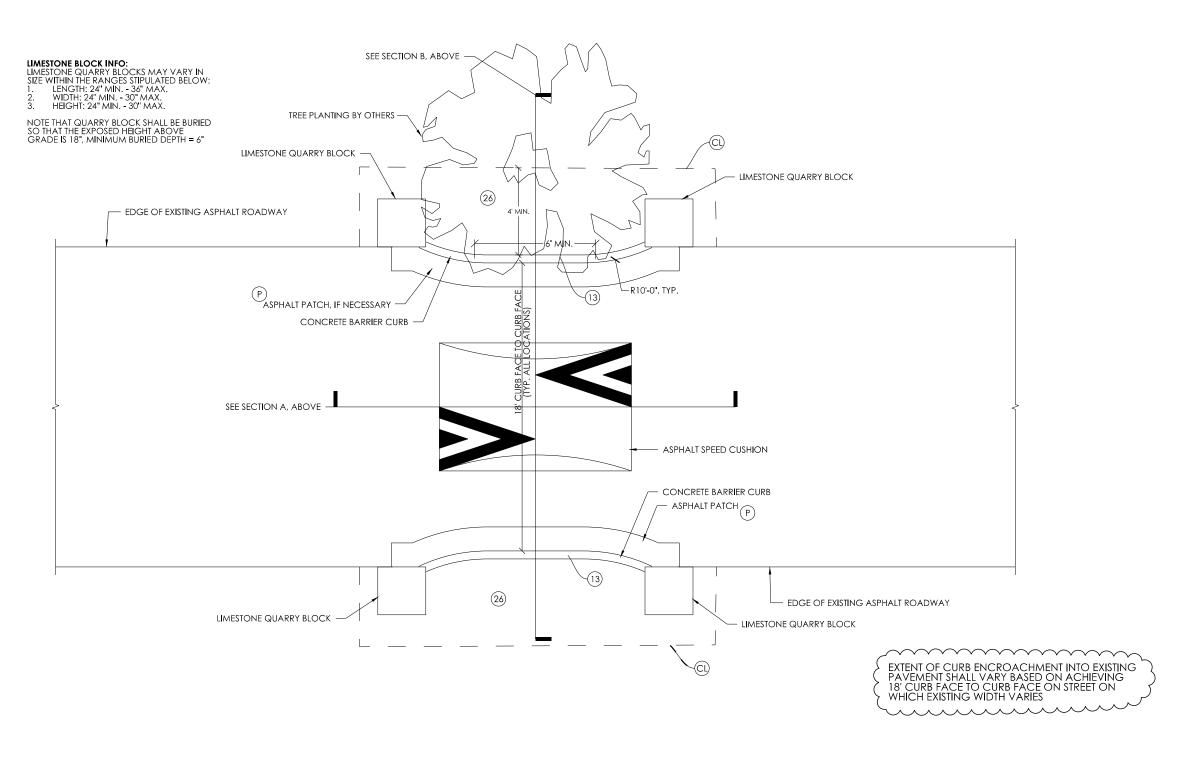


SC1 ASPHALT SPEED CUSHION FOR CURBLESS ROADWAY - SECTION NOT TO SCALE



SC2 ASPHALT SPEED CUSHION FOR CURBLESS ROADWAY - SECTION

NOT TO SCALE

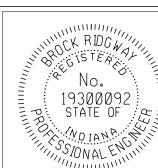


SEE SECTION B, ABOVE LIMESTONE BLOCK INFO: LIMESTONE QUARRY BLOCKS MAY VARY IN SIZE WITHIN THE RANGES STIPULATED BELOW: 1. LENGTH: 24" MIN. - 36" MAX. 2. WIDTH: 24" MIN. - 30" MAX. 3. HEIGHT: 24" MIN. - 30" MAX. — LIMESTONE QUARRY BLOCK TREE PLANTING BY OTHERS — NOTE THAT QUARRY BLOCK SHALL BE BURIED SO THAT THE EXPOSED HEIGHT ABOVE GRADE IS 18", MINIMUM BURIED DEPTH = 6" LIMESTONE QUARRY BLOCK — EXISTING GRAVEL SHOULDER/PARKING EDGE OF EXISTING ASPHALT ROADWAY REPLACE GRAVEL AREA DISTURBED WITH OVERCOAT OF NO. 8 CRUSHED AGGREGATE ⊂R10'-0'', TYP. ASPHALT PATCH, IF NECESSARY — CONCRETE BARRIER CURB — SEE SECTION A, ABOVE — - ASPHALT SPEED CUSHION — CONCRETE BARRIER CURB ASPHALT PATCH (P) REPLACE GRAVEL AREA DISTURBED WITH OVERCOAT OF NO. 8 CRUSHED AGGREGATE 13) EDGE OF EXISTING ASPHALT ROADWAY LIMESTONE QUARRY BLOCK EXISTING GRAVEL SHOULDER/PARKING LIMESTONE QUARRY BLOCK

ASPHALT SPEED CUSHION FOR CURBLESS ROADWAY, WITHOUT SHOULDER OR PARKING LANES - PLAN OR WITH TWO SIDE WIDTH RESTRICTIONS

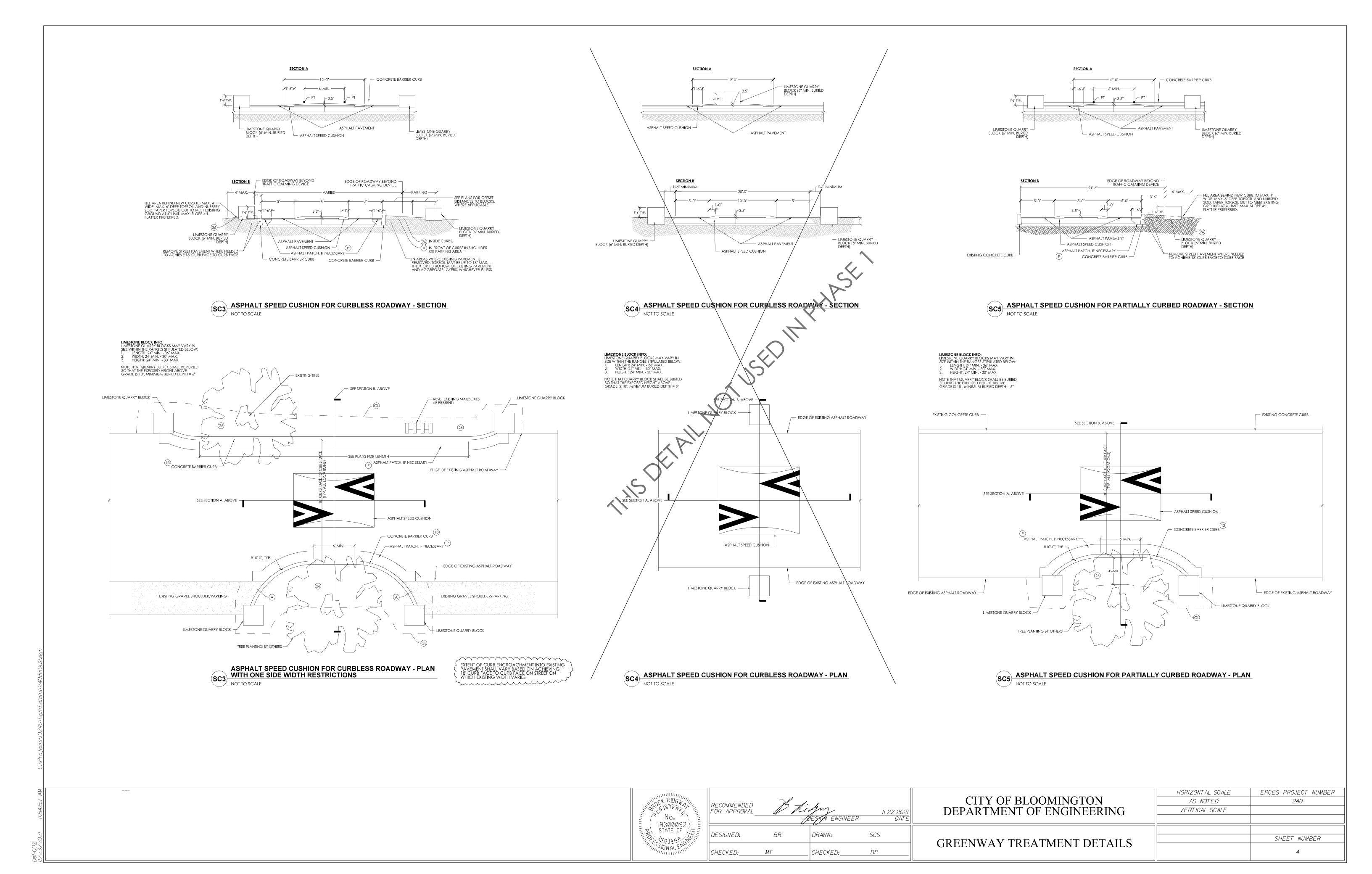
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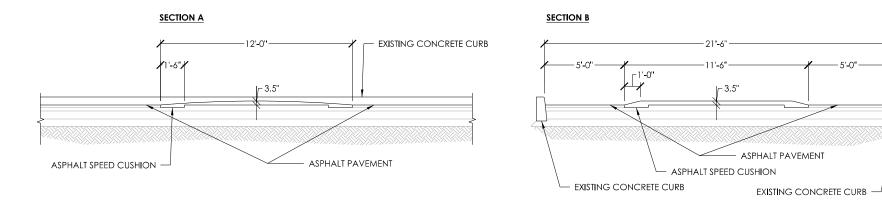
SC2 ASPHALT SPEED CUSHION FOR CURBLESS ROADWAY, WITH SHOULDERS OR PARKING LANES - PLAN NOT TO SCALE



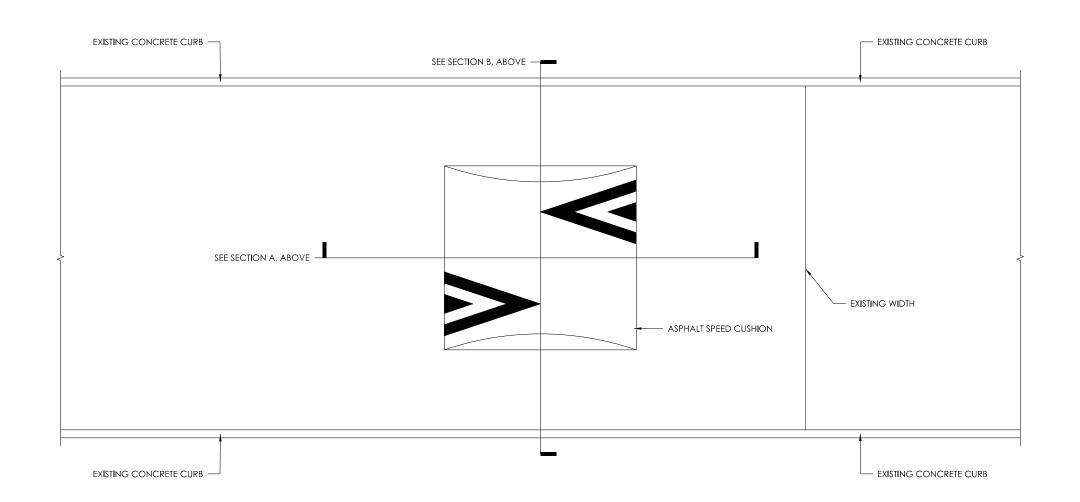
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CITY OF BLOOMINGTON DEPARTMENT OF ENGINEERING	HORIZONT AL SCALE  AS NOTED  VERTICAL SCALE	ERCES PROJECT NUMBER 240
GREENWAY TREATMENT DETAILS		SHEET NUMBER 3



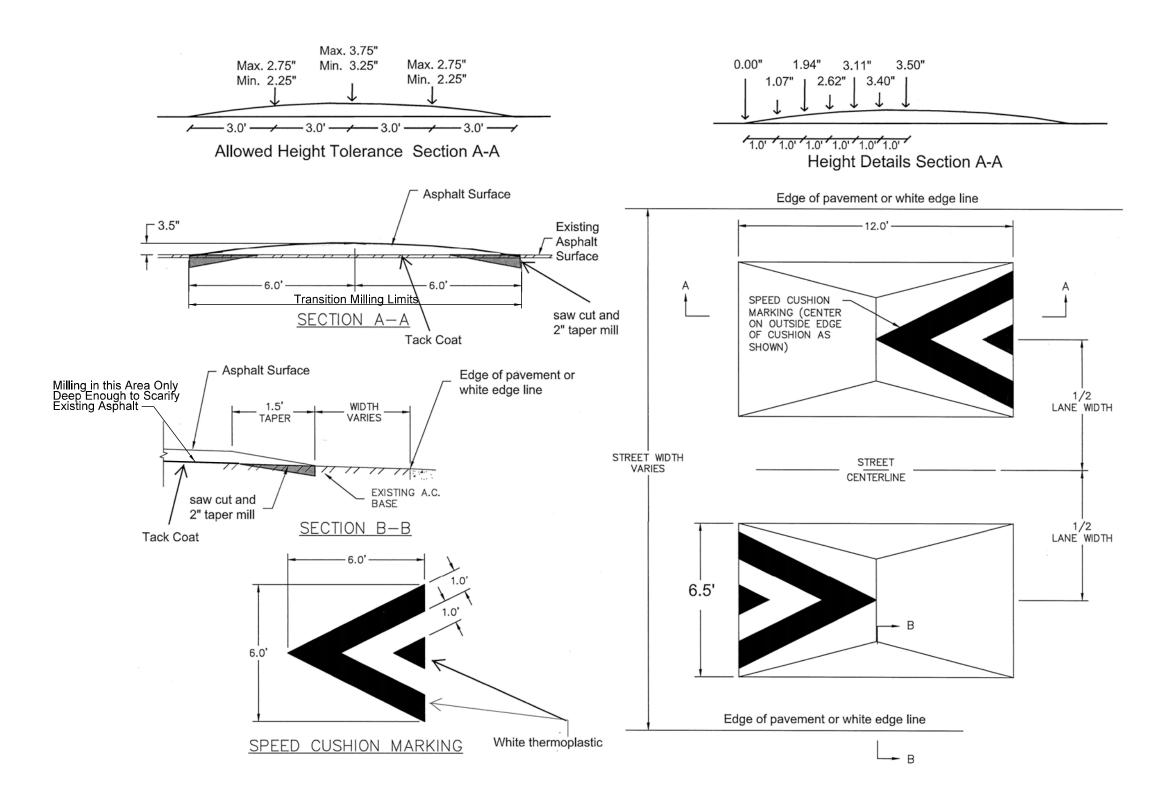


# SC6 ASPHALT SPEED CUSHION FOR FULLY CURBED ROADWAY - PLAN NOT TO SCALE

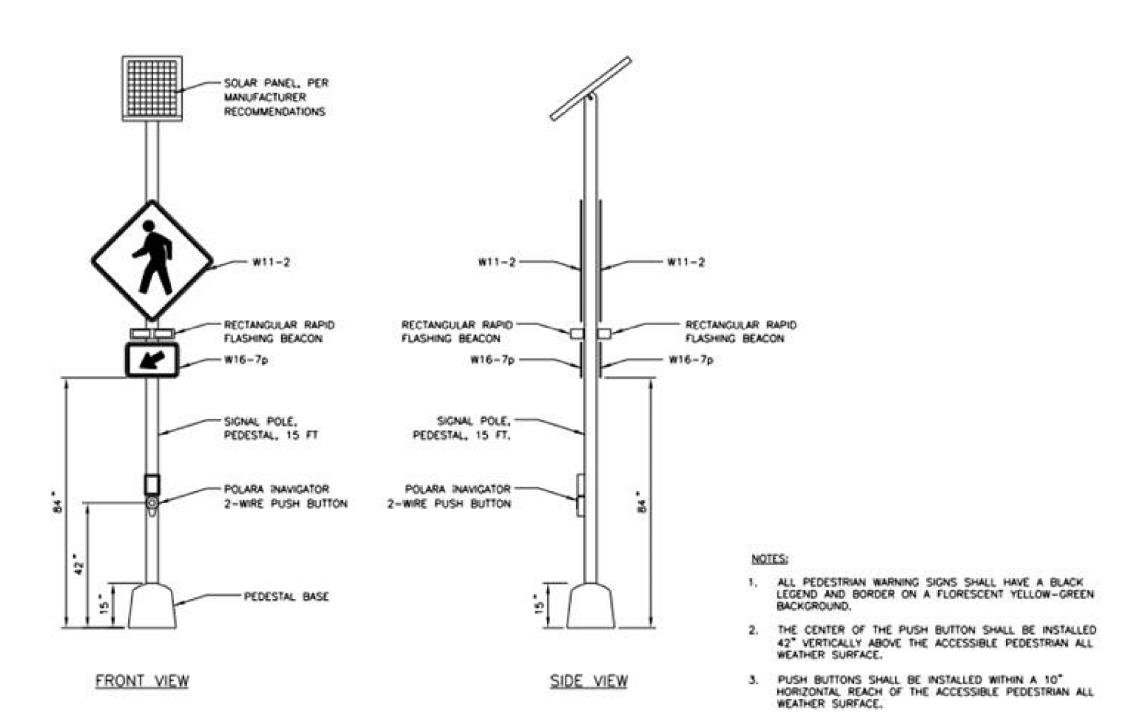


SC6 ASPHALT SPEED CUSHION FOR FULLY CURBED ROADWAY - PLAN

NOT TO SCALE

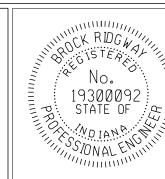


ASPHALT SPEED CUSHION FOR INSTALLATIONS OFF THE GREENWAY ROUTE - TWIN CUSHION INSTALLATION AND STANDARD DIMENSIONS FOR SPEED CUSHION MARKINGS



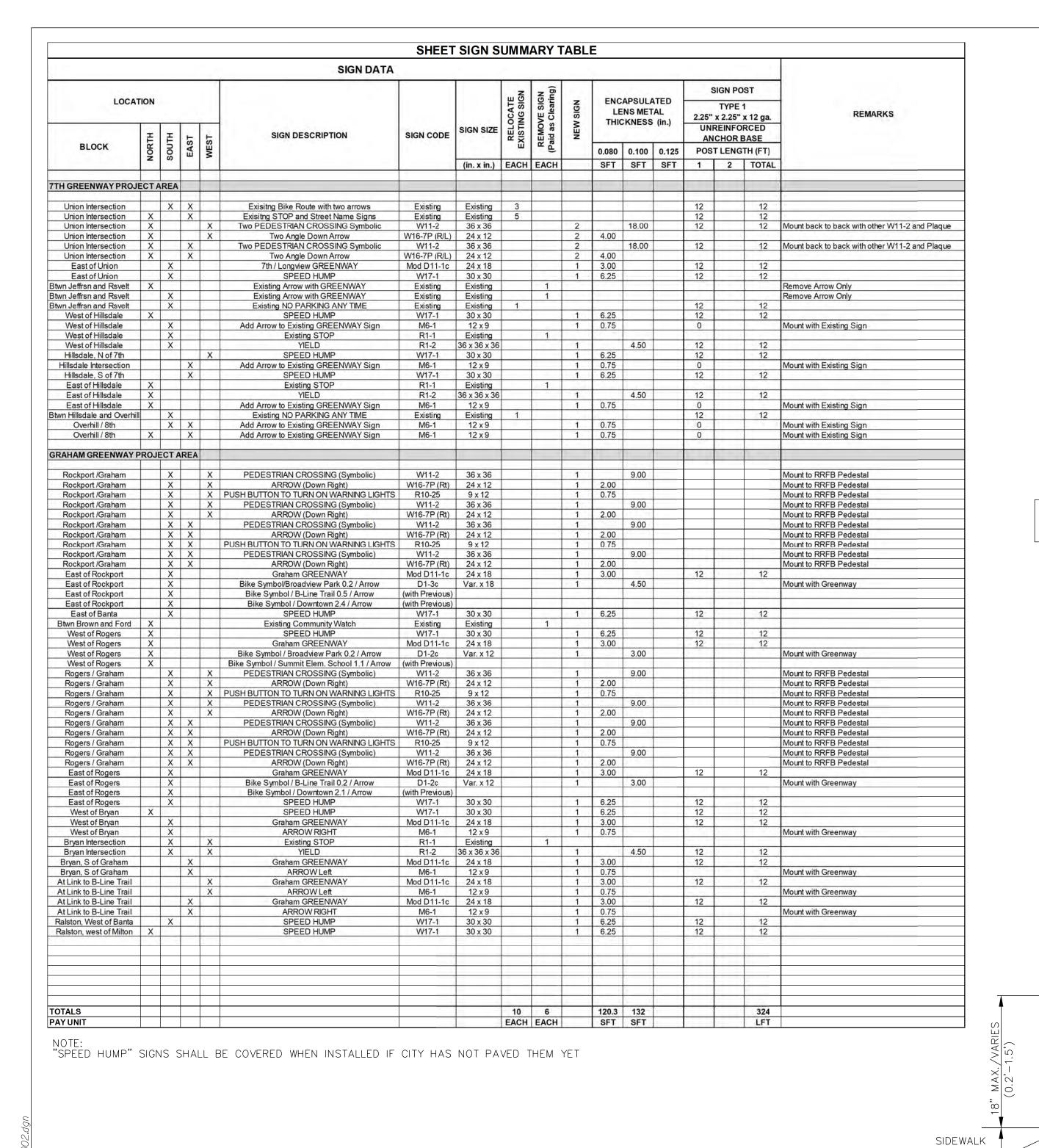
RECTANGULAR RAPID FLASHING BEACON (RRFB)

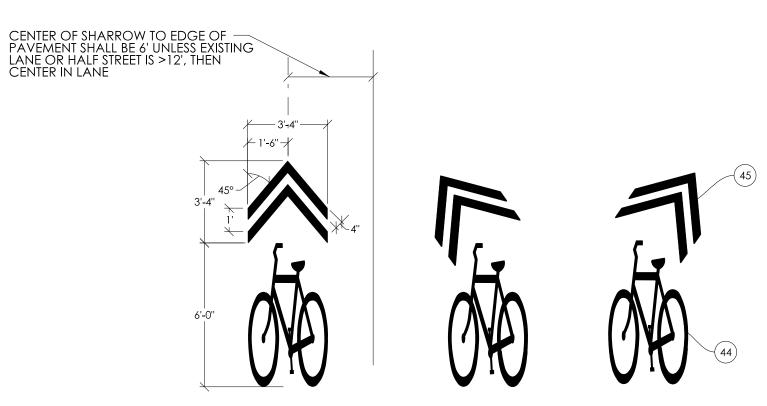
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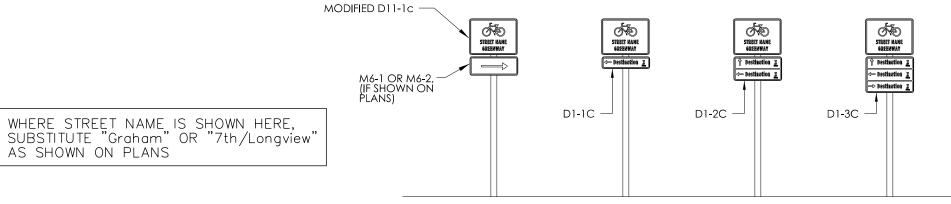
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CITY OF BLOOMINGTON	HORIZONTAL SCALE  AS NOTED	ERCES PROJECT NUMBER 240
DEPARTMENT OF ENGINEERING	VERTICAL SCALE	
GREENWAY TREATMENT DETAILS		SHEET NUMBER
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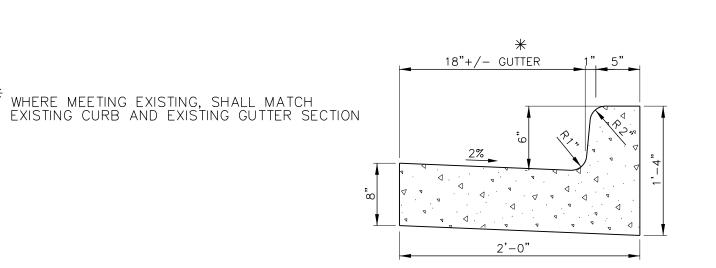




SHARED LANE MARKINGS AND CHEVRON DIMENSIONS NOT TO SCALE

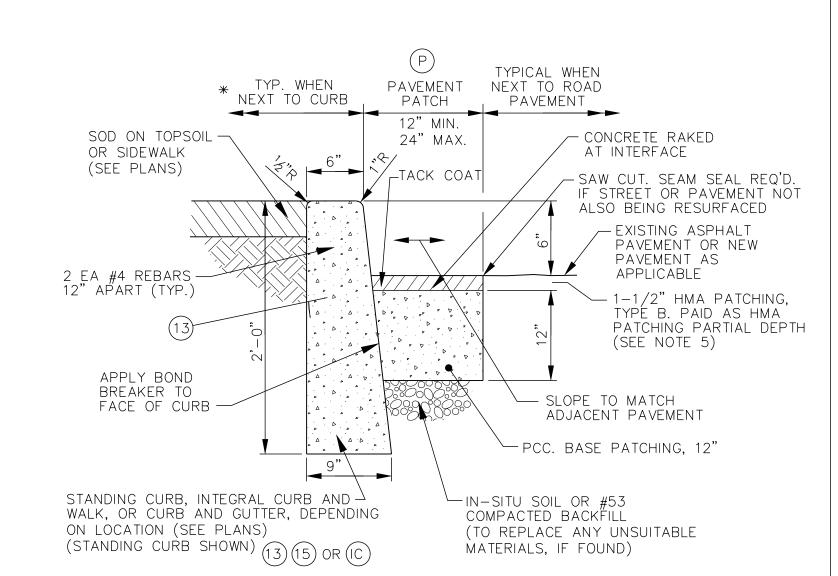


NEIGHBORHOOD GREENWAY WAYFINDING SIGNAGE NOT TO SCALE



## (15) CONCRETE CURB AND GUTTER

DIMENSIONS AND SECTION SHOWN SHALL BE MODIFIED TO MEET EXISTING CONDITION WHEN REPLACING SECTIONS OF CURB AND GUTTER WITHIN LONGER RUNS



WIDTH VARIES, SEE PLANS
(5' IS TYPICAL)

CONCRETE SIDEWALK

TYPICAL SIDEWALK DETAIL

1. INSTALL 1/2" PREFORMED JOINT FILLER BETWEEN SIDEWALKS AND ANY OTHER

2. IN EACH SIDEWALK SEGMENT, TOOL CONSTRUCTION JOINTS AT EVEN SPACING

3. CONTRACTION AND EXPANSION JOINTS SHALL BE INSTALLED BY TOOLING, BUT

FINAL SURFACE SHALL BE BROOM FINISHED. NO "WINDOW-PANE" OR SIMILAR

1/2" PREFORMED JOINT FILLER AT A MAXIMUM SPACING EVERY 30' IN SIDEWALKS, AND AT EACH SIDEWALK CONNECTION TO OTHER SIDEWALKS, AT

1. CONCRETE SLAB CONSTRUCTION AND EXPANSION JOINTS SHALL BE IN

1. ALL CURBS SHALL RECEIVE A FULL DEPTH EXPANSION JOINT FORMED

- ON EITHER SIDE OF CURB INLETS OR OTHER CASTINGS

CONTRACTION JOINT AT 20' MAXIMUM SPACING.

- AT SAWCUT, LIMITS OF REMOVAL TO ANY EXISTING CURB

- AT 100' MAXIMUM INTERVALS, IF NO OTHER JOINTS NEEDED

1. RAMPS TO BE CONSTRUCTED AT A MAXIMUM 12:1 SLOPE TO A

LANDING AREA FOR ENTRY ONTO ROADWAY PER PLANS.

2. CURBS & COMBINED CURB AND GUTTER SHALL RECEIVE A TOOLED

WITH 1/2" PREFORMED JOINT FILLER AT THE FOLLOWING LOCATIONS:

- EVERY EXPANSION JOINT IN ADJACENT SIDEWALKS OR MEDIAN BUFFER STRIP

BUT NO MORE THAN 6' MAXIMUM APART. INSTALL AN EXPANSION JOINT WITH

FIXED FEATURES (CURBS, STEPS, RAMPS, BUILDINGS, ETC.)

SIDEWALK JOINT NOTES:

CURBS, AND AT RAMPS.

TOOLING SHALL BE USED.

CONCRETE SLAB JOINT NOTES:

- AT EACH RADIUS POINT

CURB RAMPS AND TRUNCATED DOMES:

**CURB JOINT NOTES:** 

ACCORDANCE WITH INDOT STANDARDS.

4" CONCRETE, CLASS A

BASE, #53

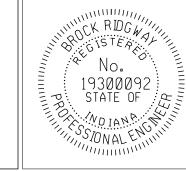
4" COMPACTED AGGREGATE

2.0% MAX.

### PAVEMENT PATCH / CONCRETE CURB (VERTICAL)

### NOTES:

- \* 1. AREA BEHIND CURBS TO RECEIVE TREATMENT AS SHOWN ON PLANS. 2. REFER TO CURB JOINTS NOTES FOR CURB JOINTING.
- 3. PAVEMENT PATCHING MAY NOT BE REQUIRED IF EXISTING PAVEMENT CAN BE REMOVED TO A CLEAN AND STRAIGHT EDGE AT FRONT OF PROPOSED CURB OR GUTTER. OWNER APPROVAL
- 4. PAVEMENT PATCHING REQUIRED WHEREVER PAVEMENT IS CUT FOR PIPE WORK, AND WHERE EXISTING PAVEMENT IS DAMAGED TO COMPLETE THE REQUIRED CURB, DRIVE OR SIDEWALK WORK.
- 5. CONTRACTOR SHALL ASSUME THEY ARE TO PLACE THE ASPHALT OVERLAY ON ALL PATCHED AREAS UNLESS OTHERWISE DIRECTED IF THE CITY'S RESURFACING WORK ON 7TH STREET IS FOLLOWING CLOSELY BEHIND THE CURB INSTALLATION, THE CITY MAY DIRECT THAT ONLY THE CONCRETE IS TO BE INSTALLED AND THE QUANTITY OF ASPHALT PATCHING WILL THEREFORE BE REDUCED.



CONCRETE CURB, MODIFIED, REINFORCED

EXPANSION JOINT FILLER, 1/4"

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-GRADE SLOPE AT 3:1 MAX.

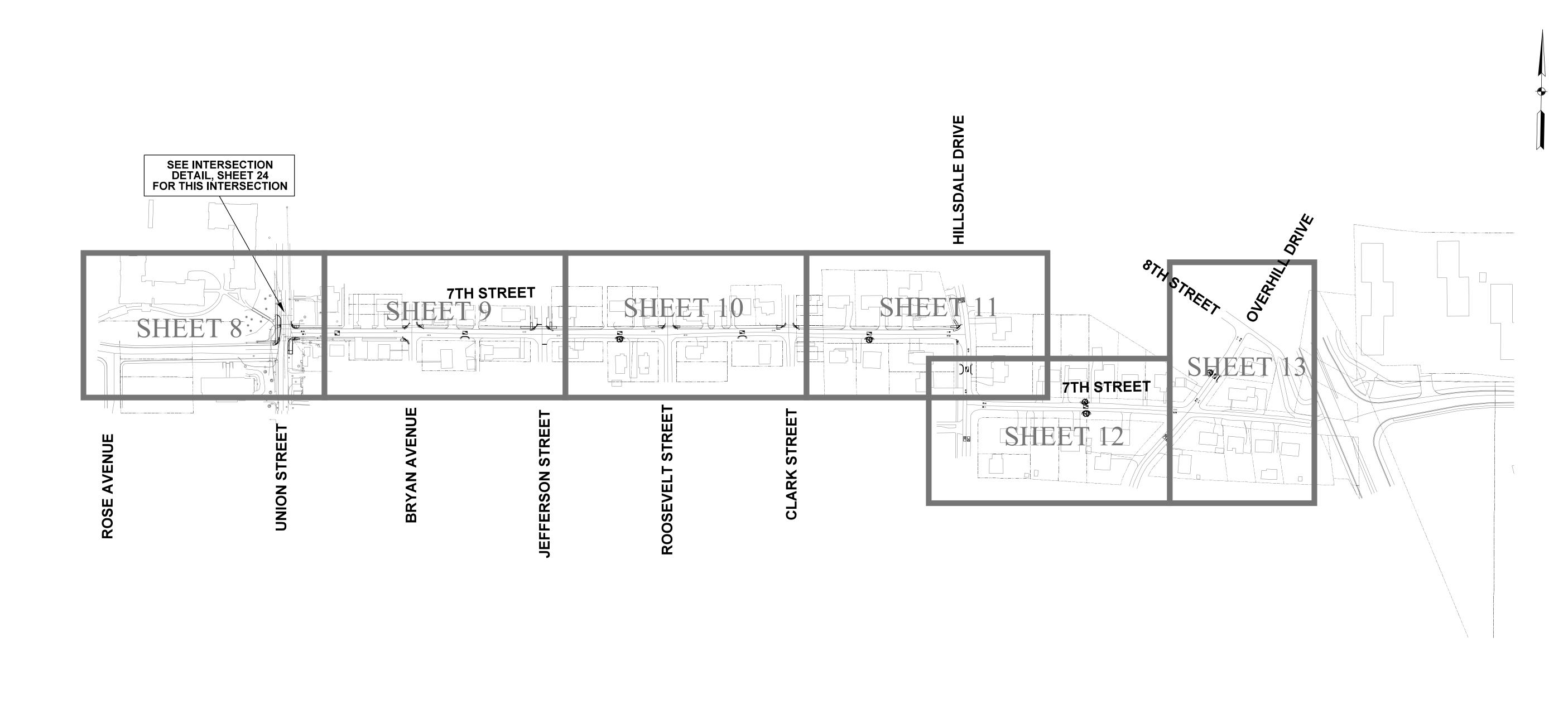
- VERTICAL #5 BARS AT 18" SPACING

-3 EA #5 HORIZONTAL BARS AT MAX. 15" SPACING

(4:1 OR FLATTER PREFERRED)

TOPSOIL AND SOD AS REQ'D.

HORIZONTAL SCALE ERCES PROJECT NUMBER CITY OF BLOOMINGTON AS NOTED 240 DEPARTMENT OF ENGINEERING VERTICAL SCALE SHEET NUMBER MISCELLANEOUS DETAILS



KEY MAP

No.

19300092

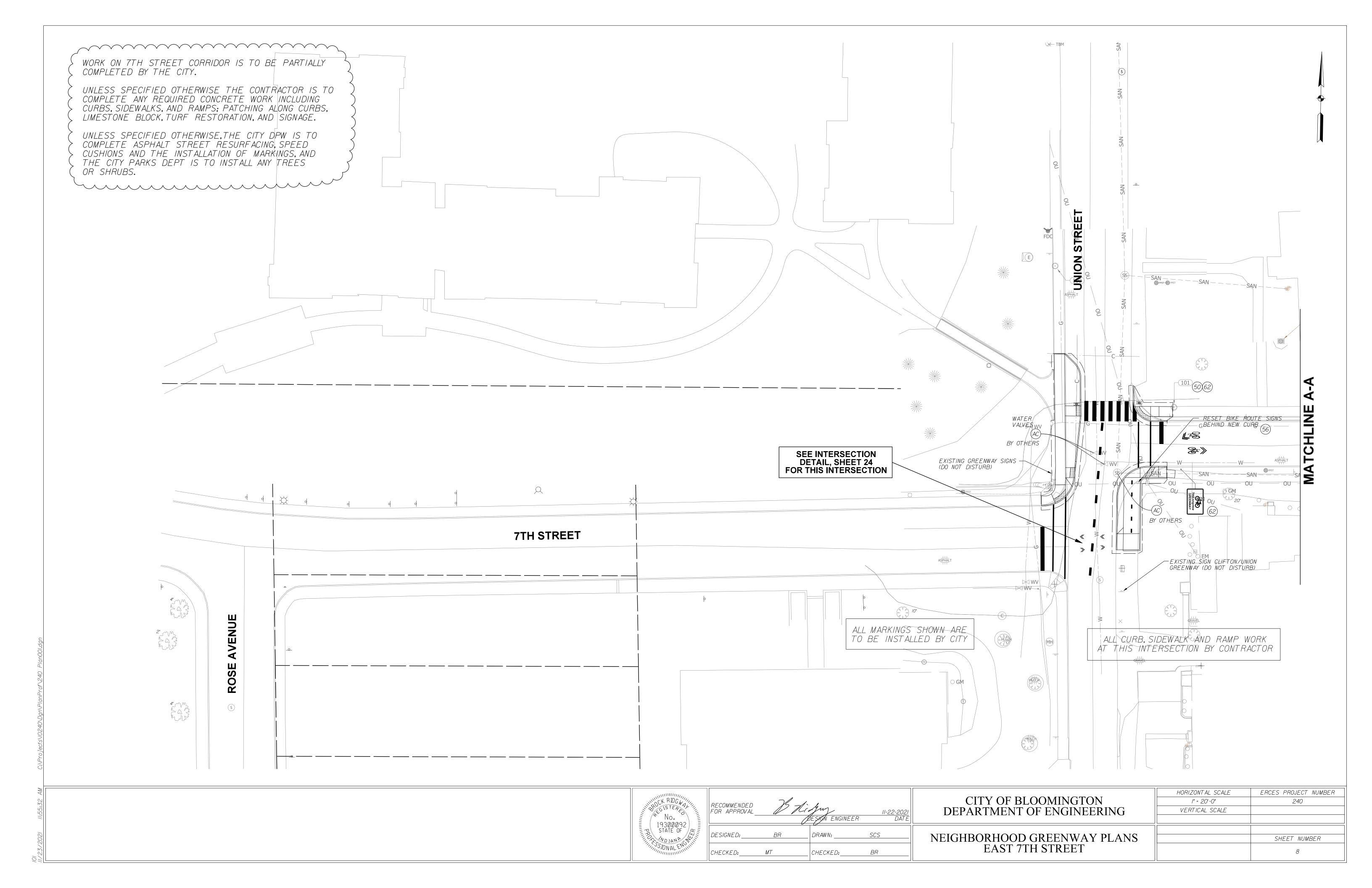
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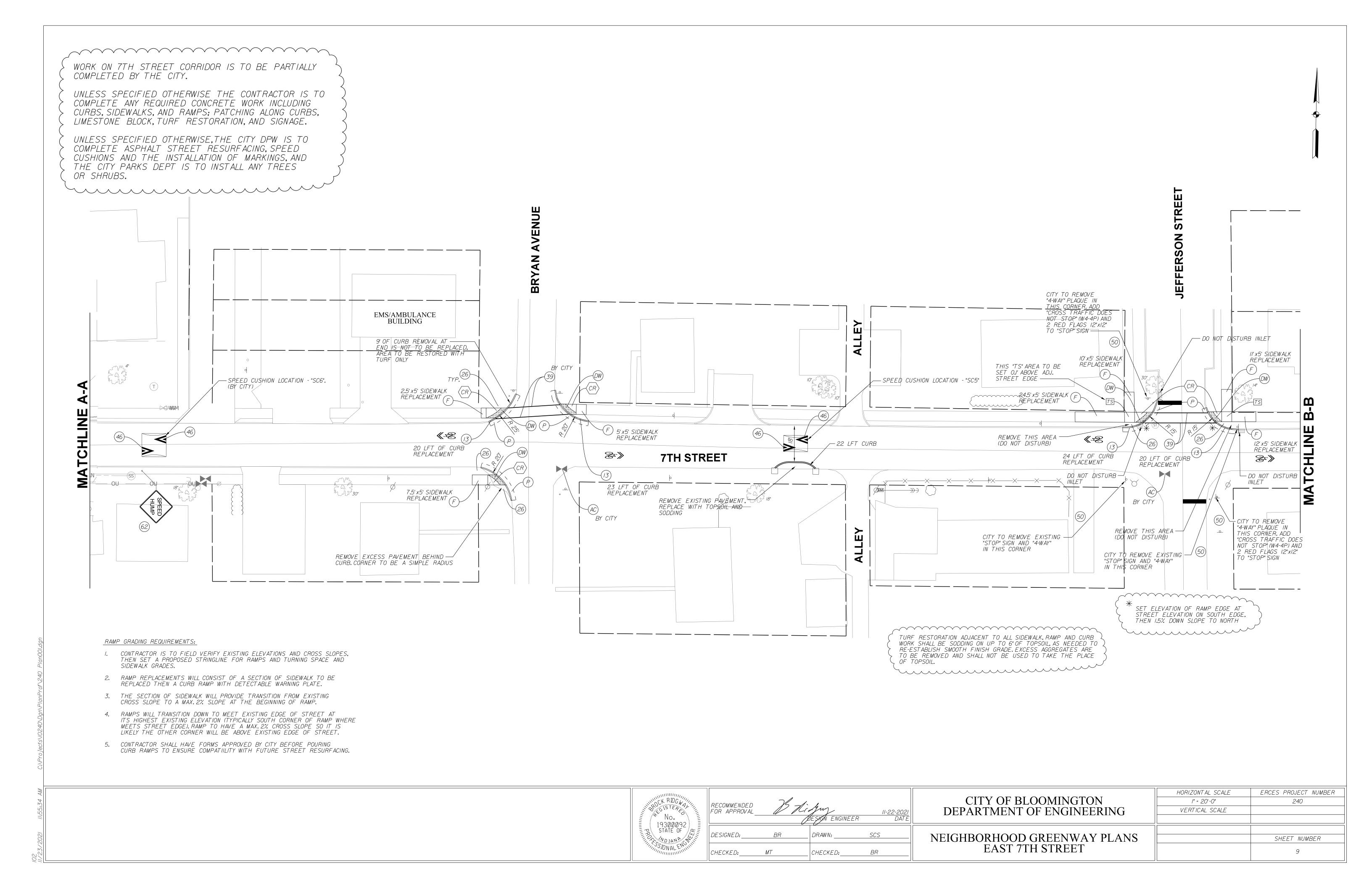
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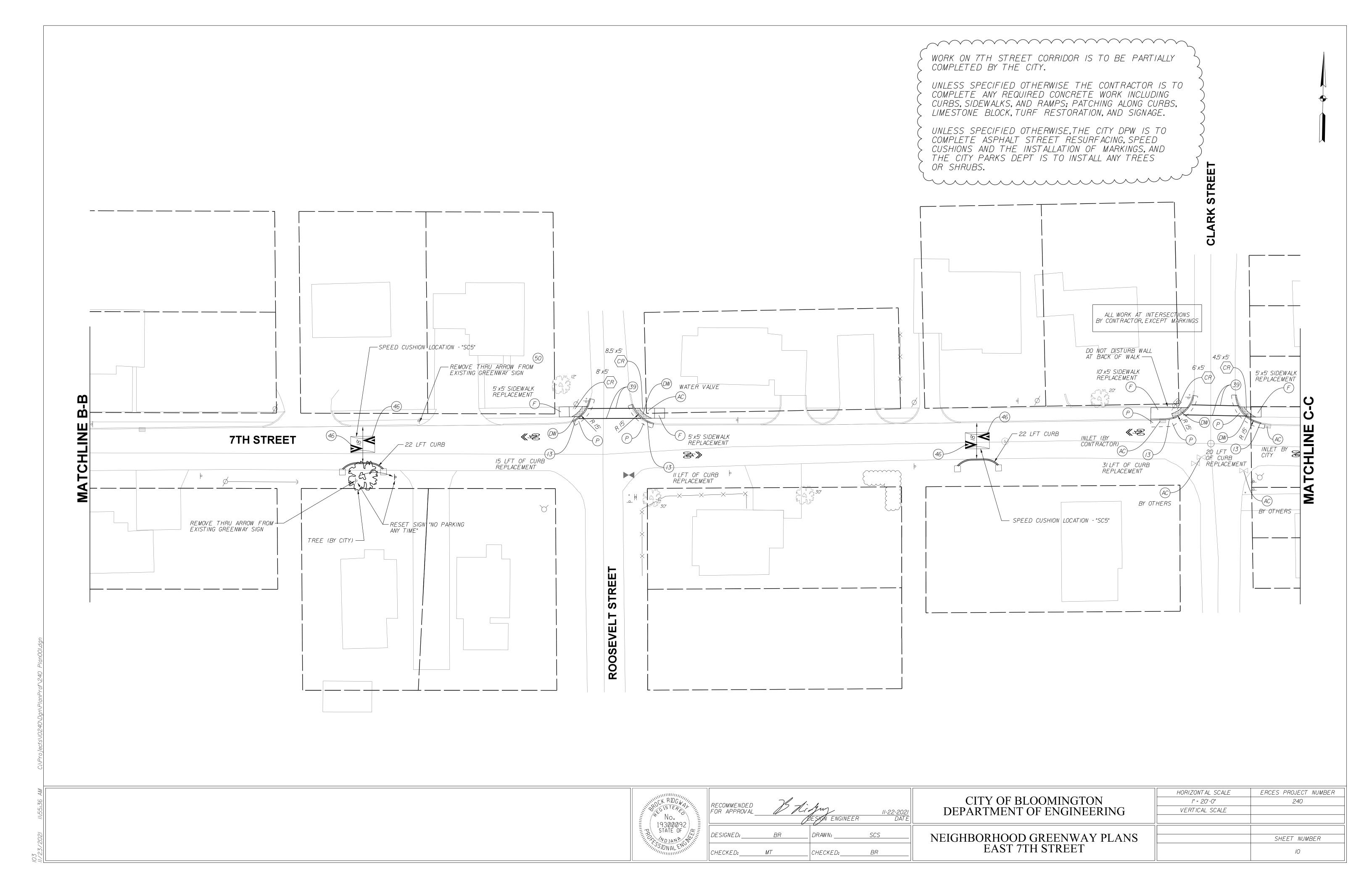
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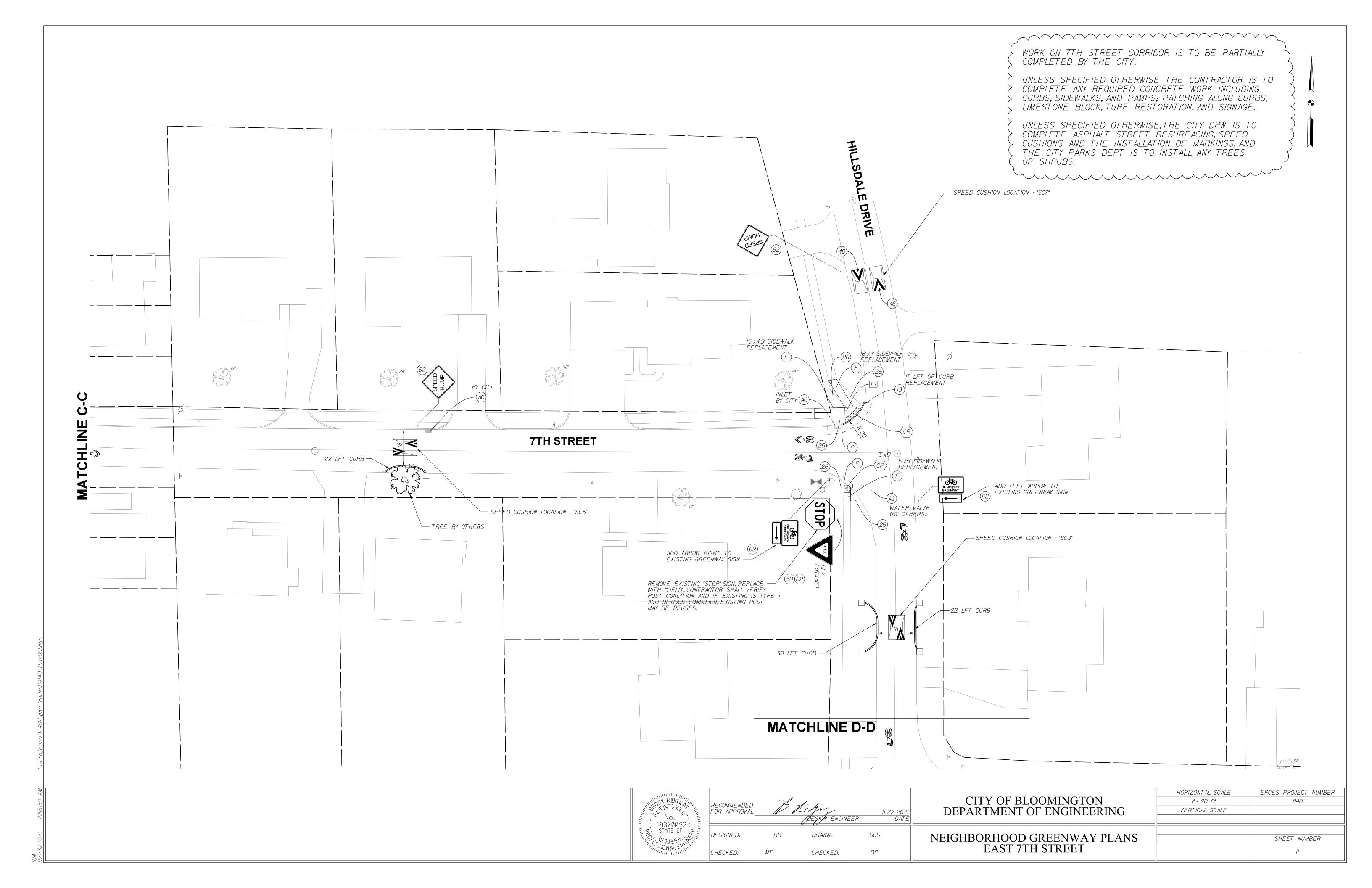
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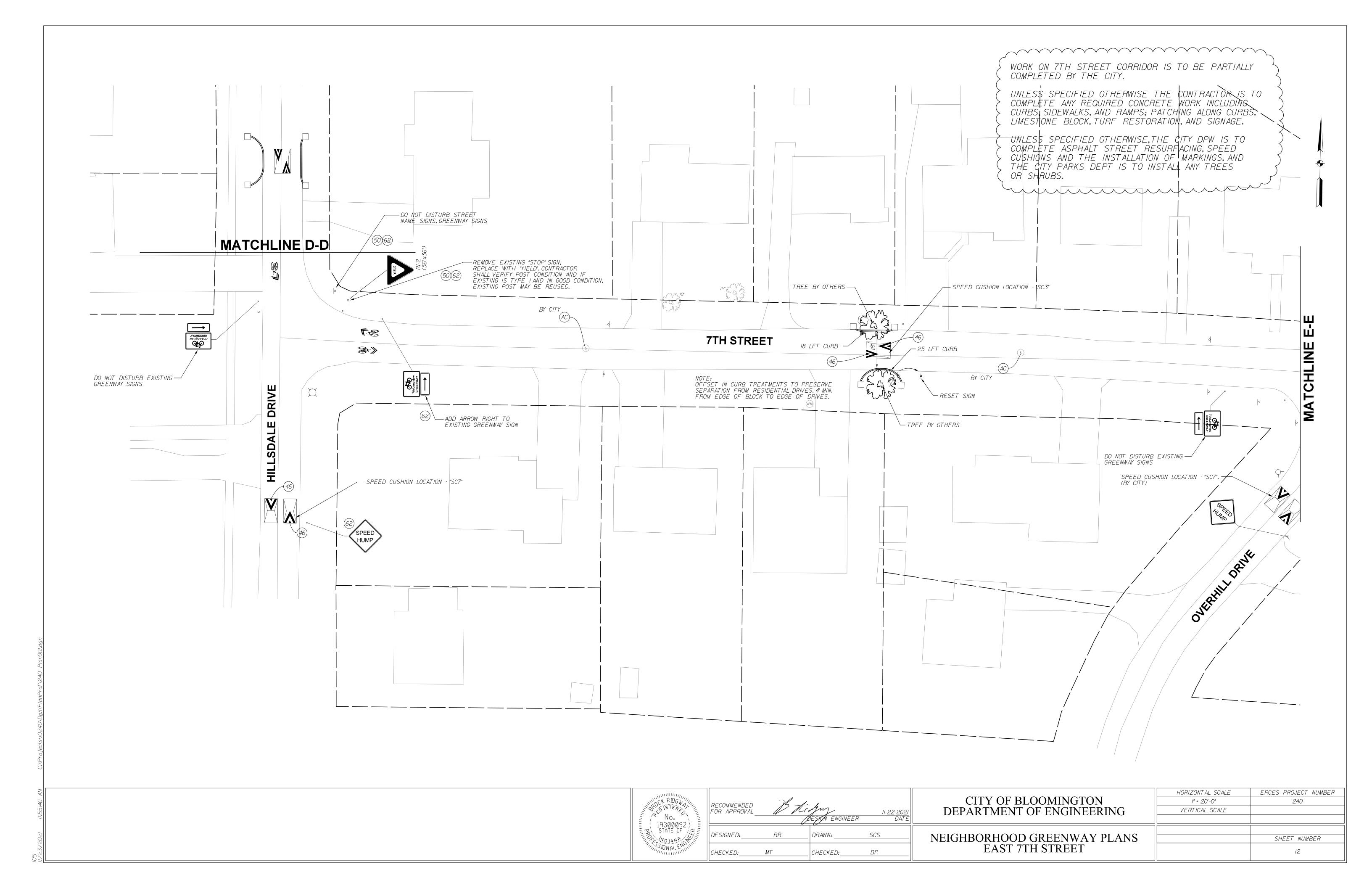
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CITY OF BLOOMINGTON	N/A	240
DEPARTMENT OF ENGINEERING	VERTICAL SCALE	
KEY MAP		SHEET NUMBER
EAST 7TH STREET		7

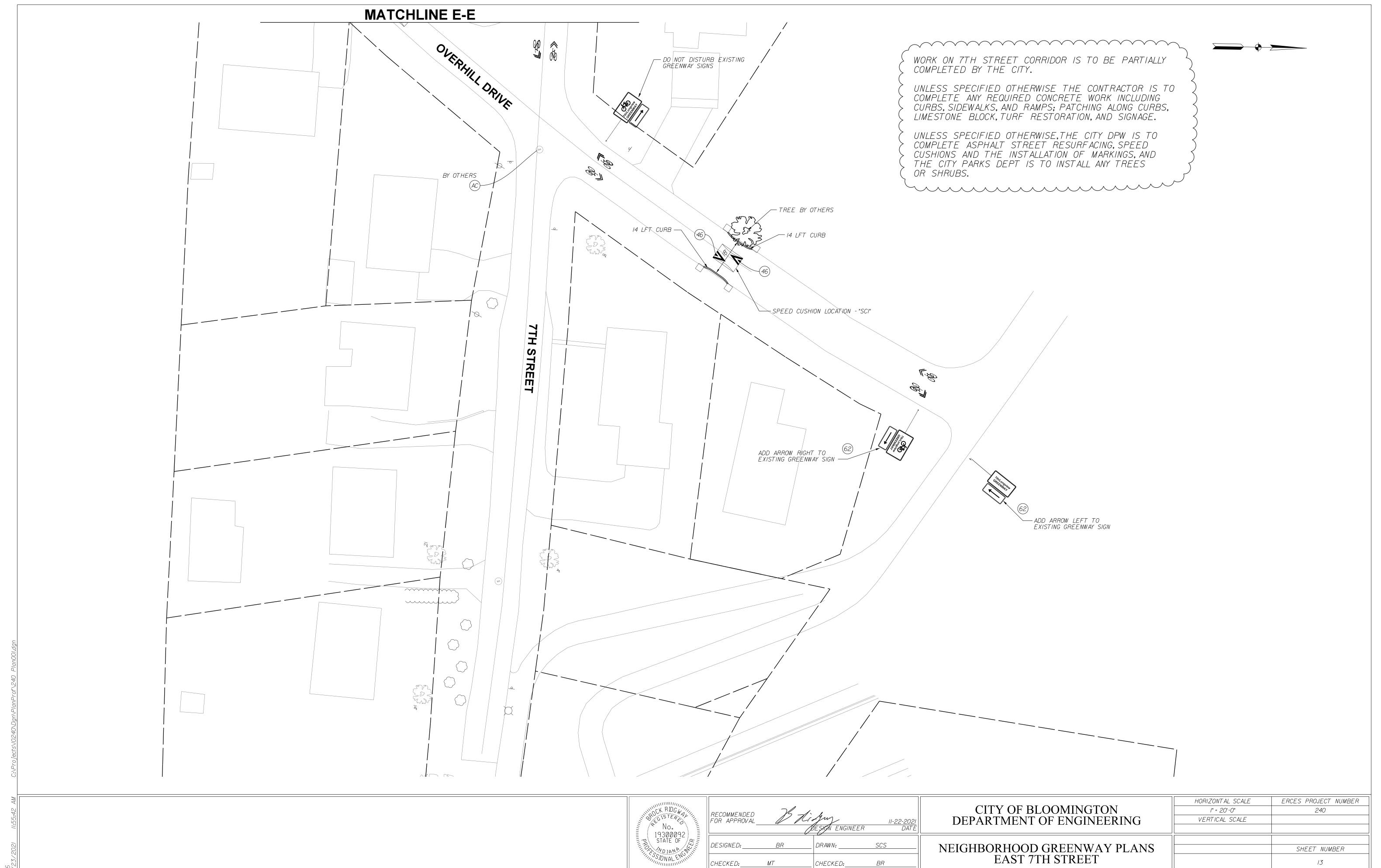


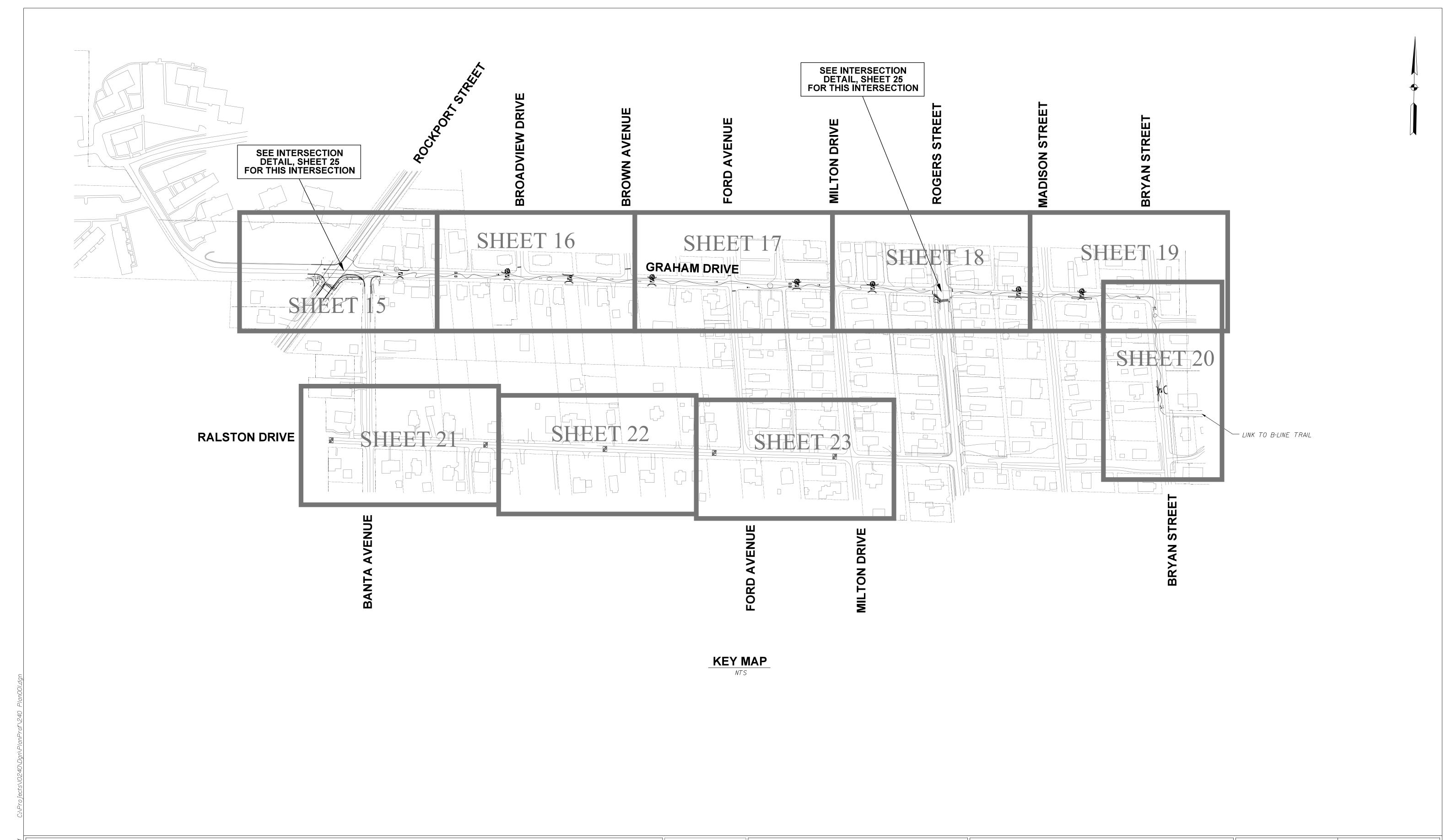


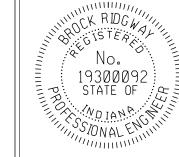






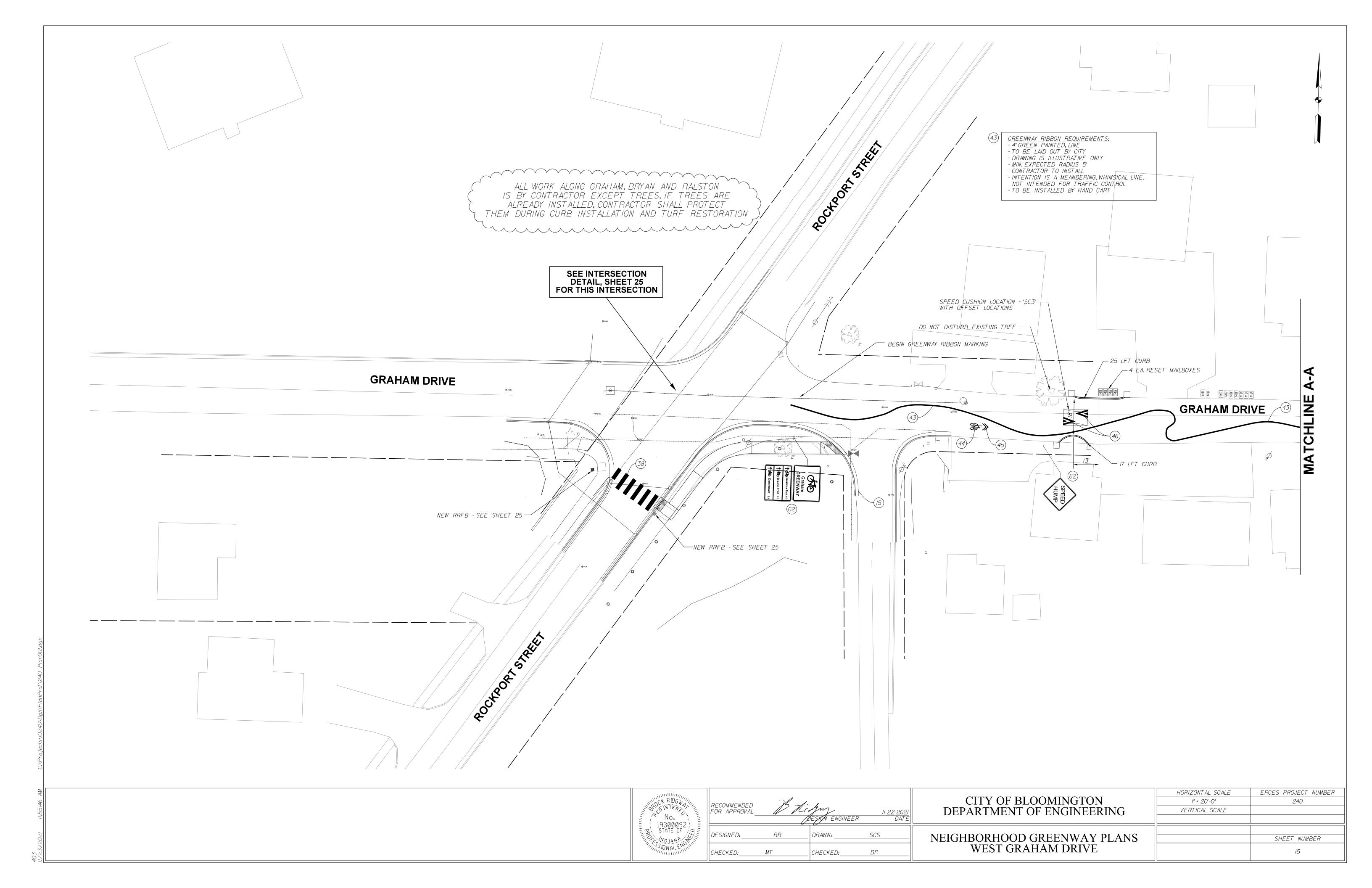


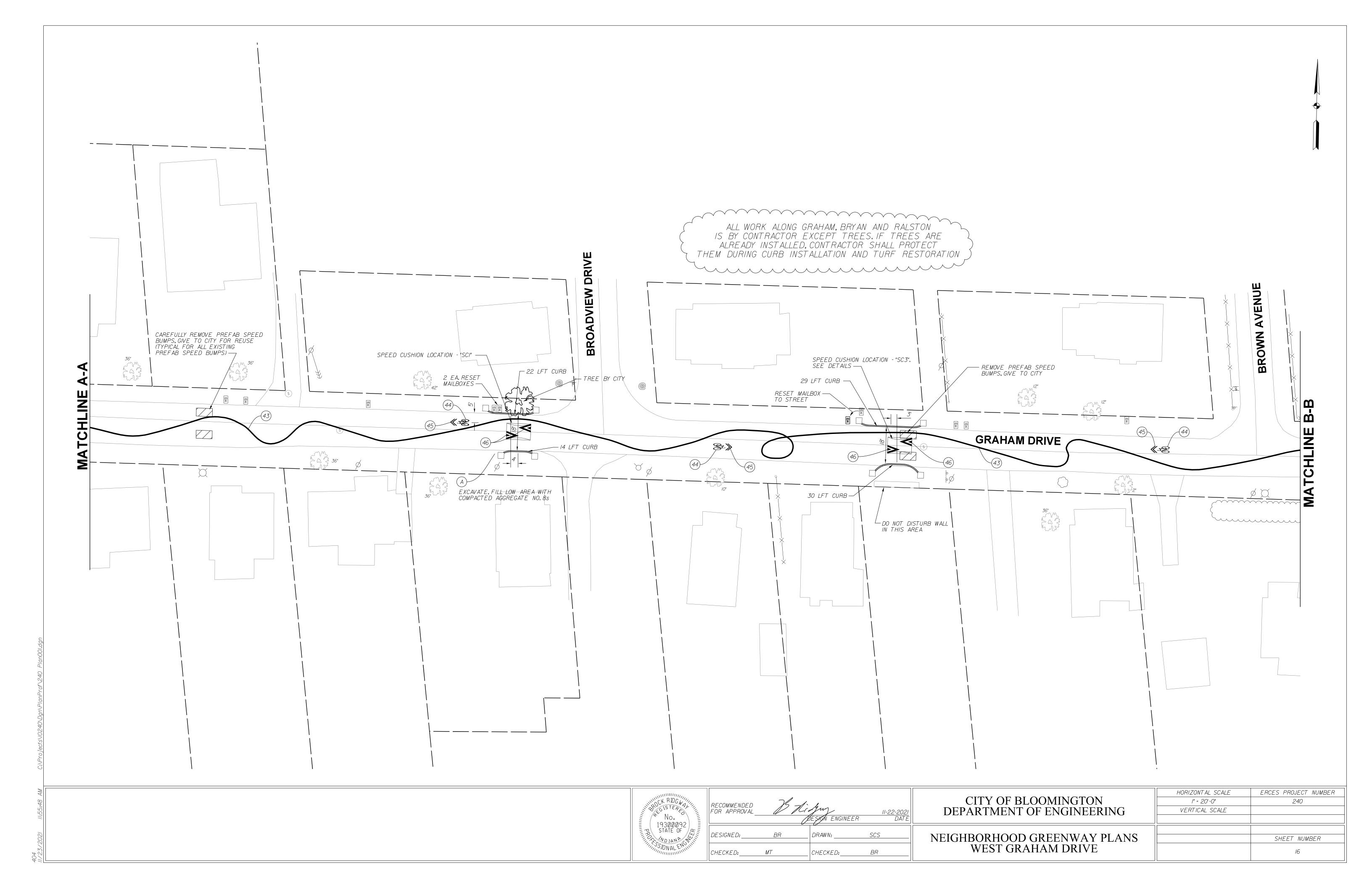


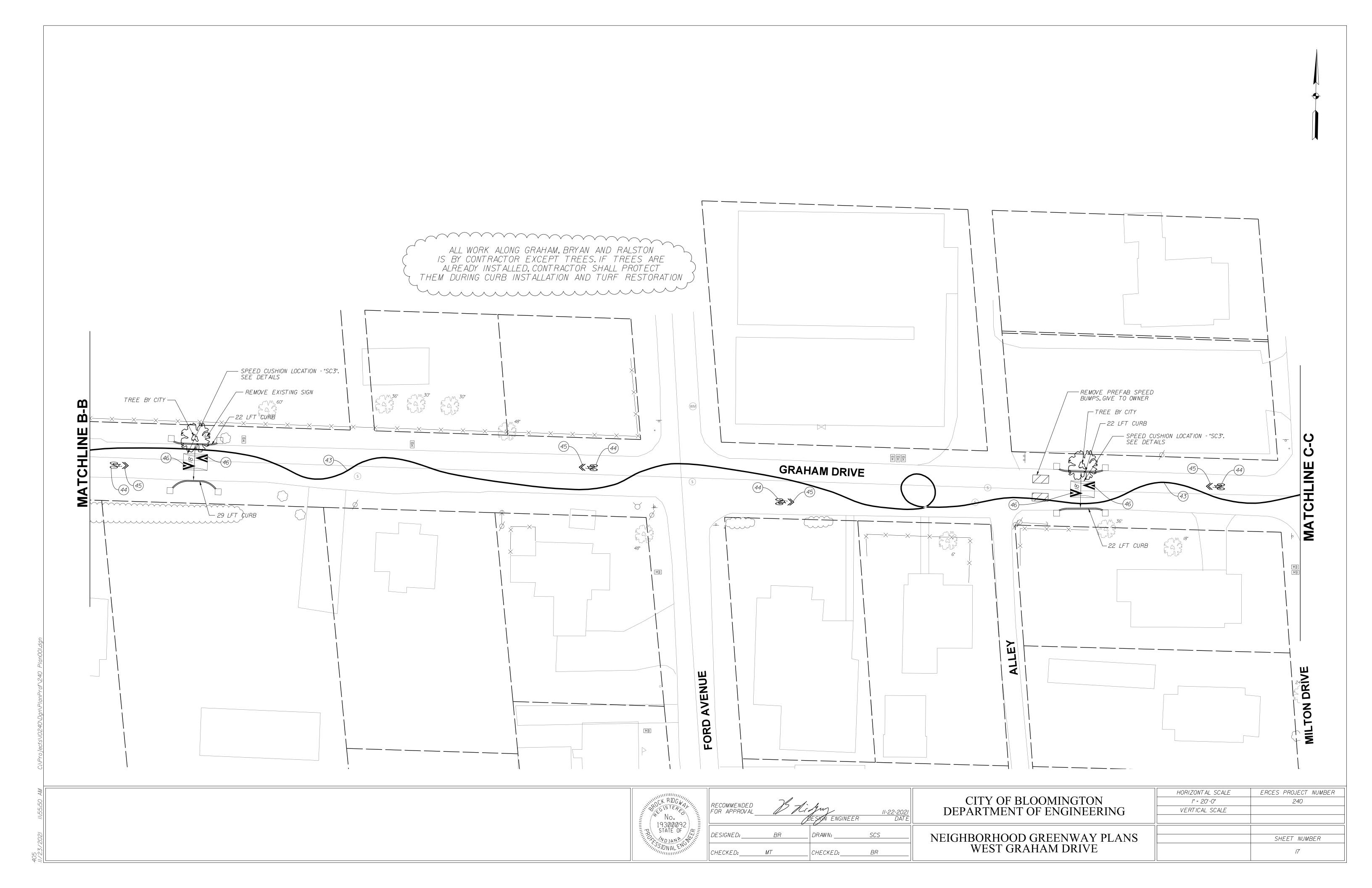


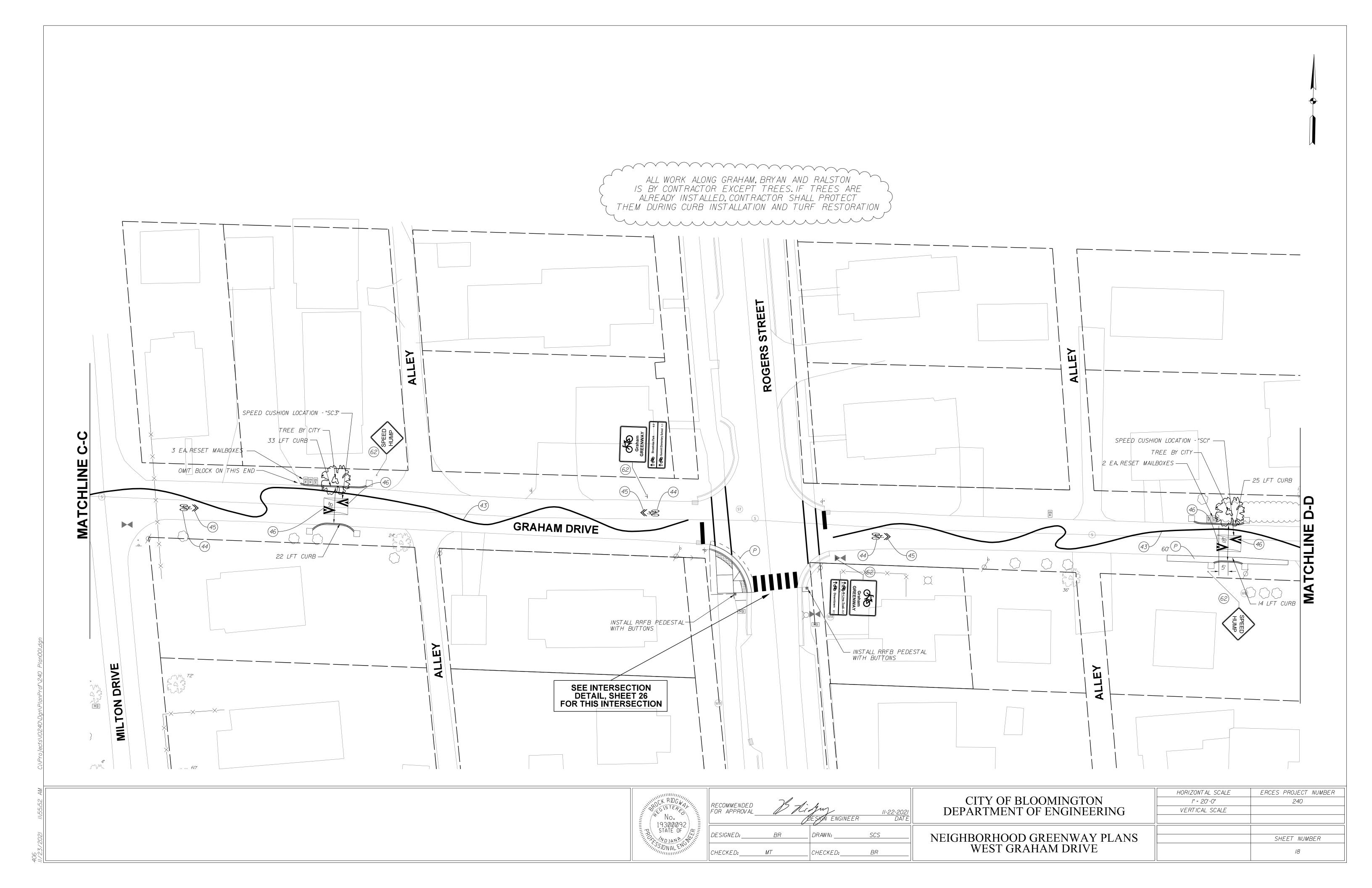
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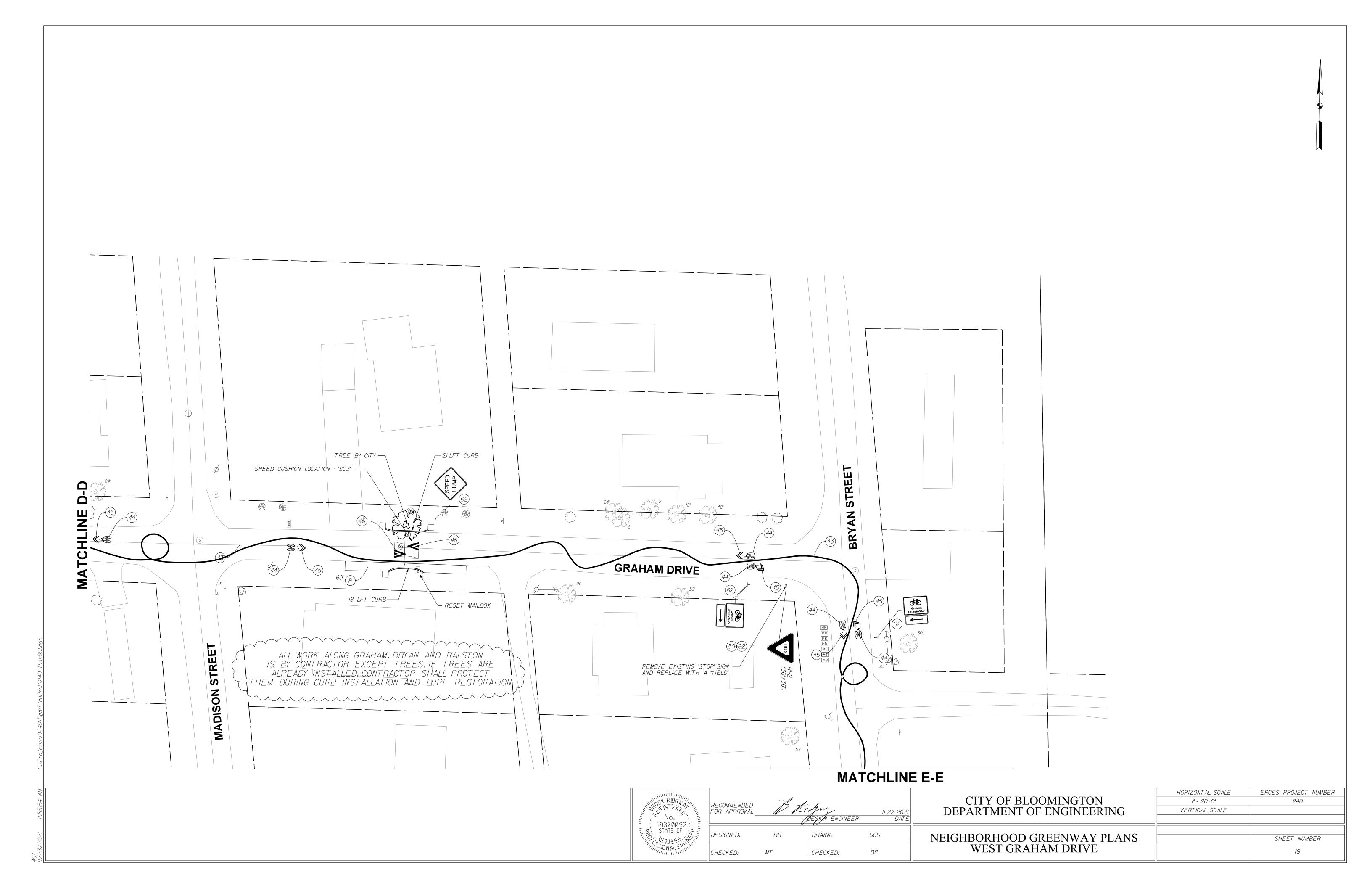
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CITY OF BLOOMINGTON	N/A	240
DEPARTMENT OF ENGINEERING	VERTICAL SCALE	
DEFINITION DIVERNIT		
KEY MAP		SHEET NUMBER
WEST GRAHAM DRIVE		14

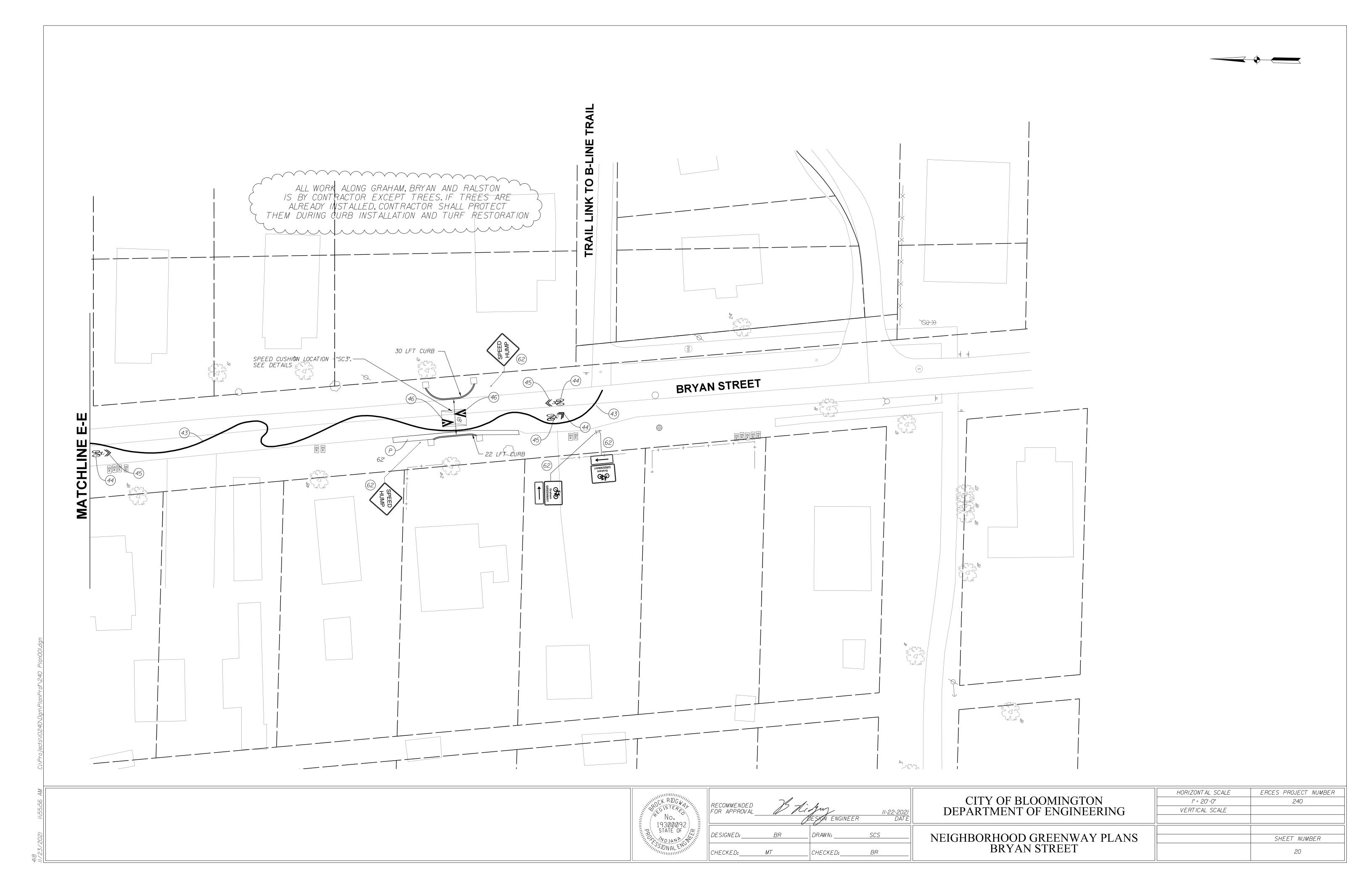


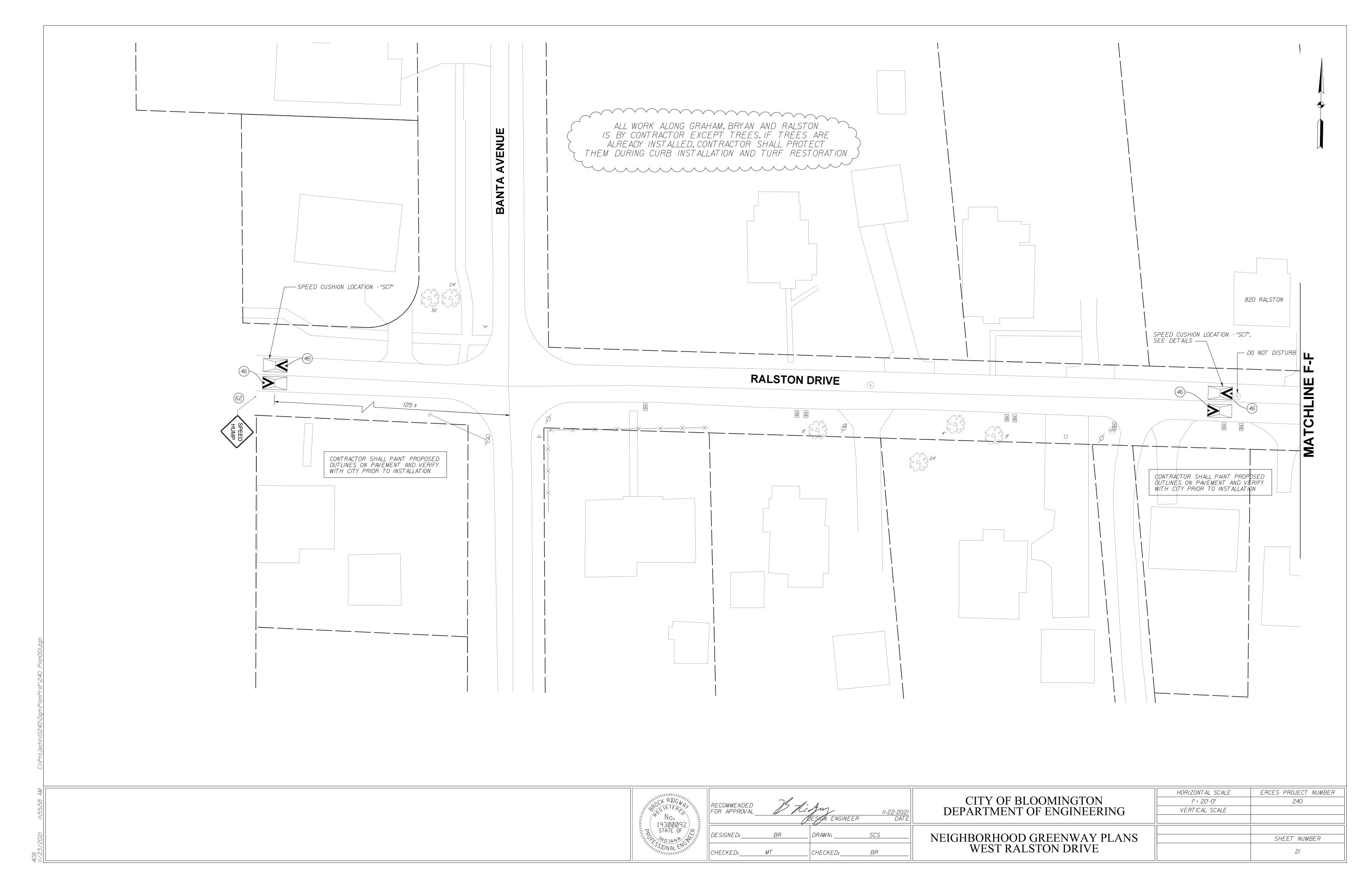


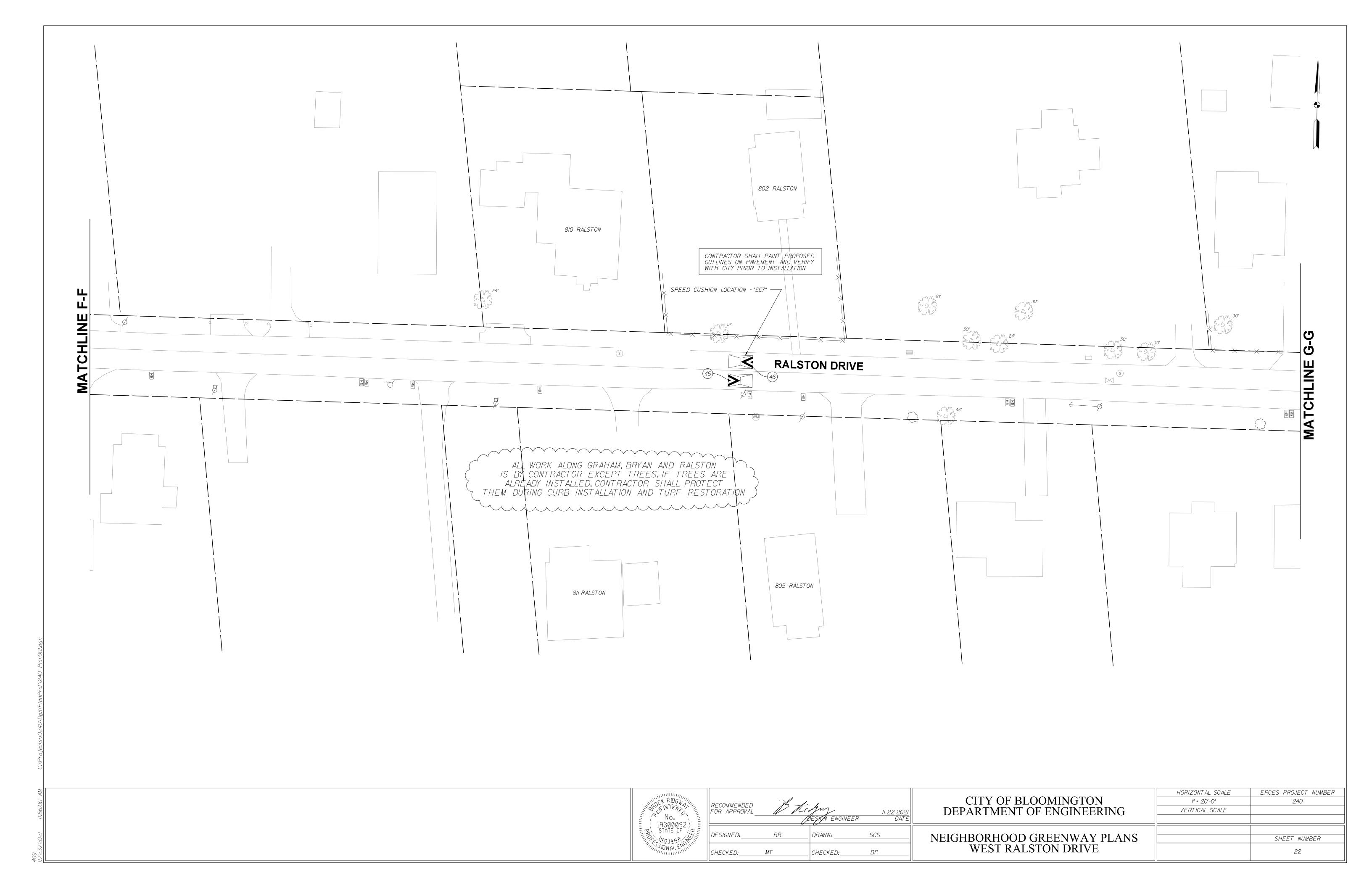


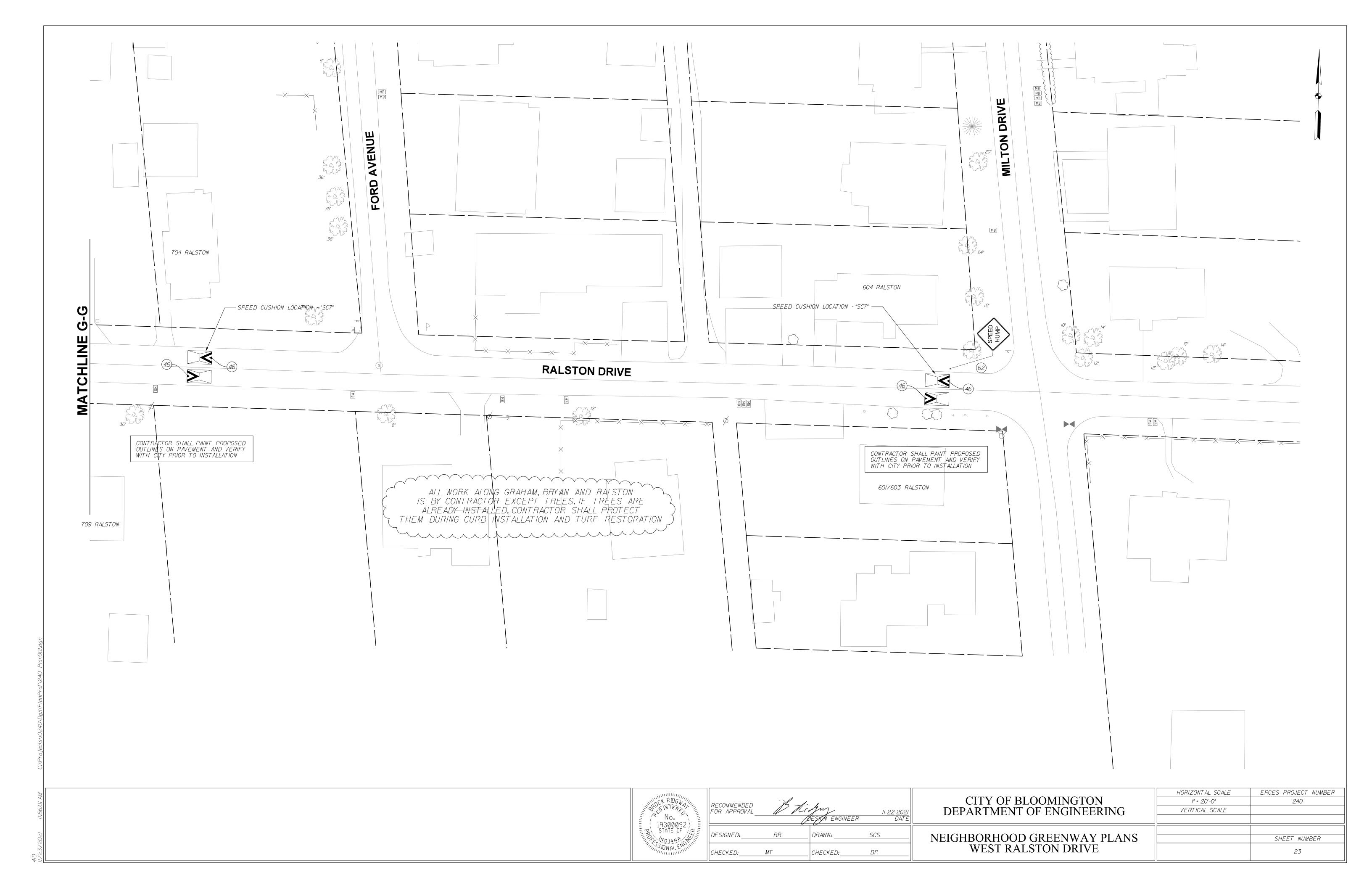


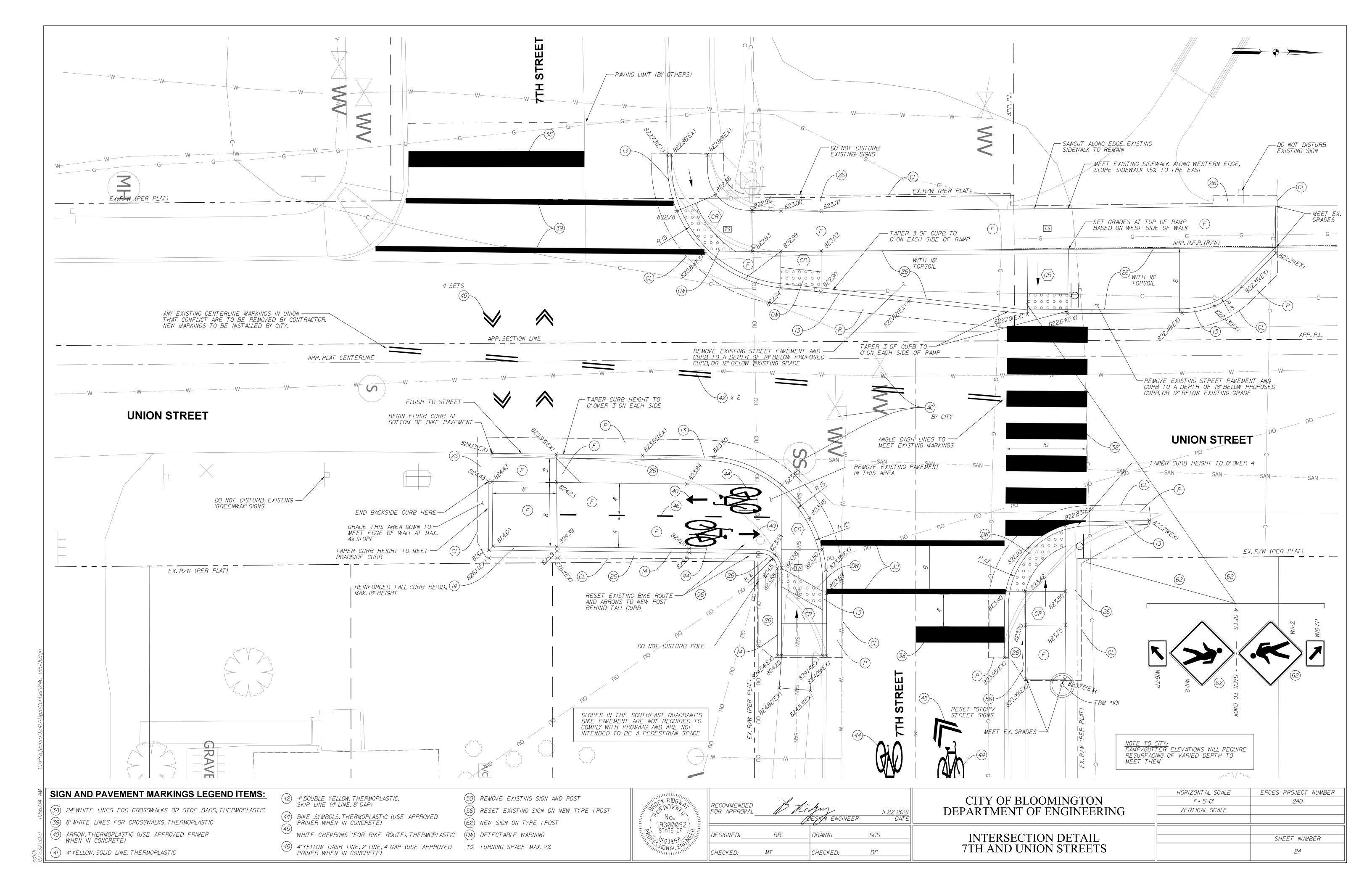


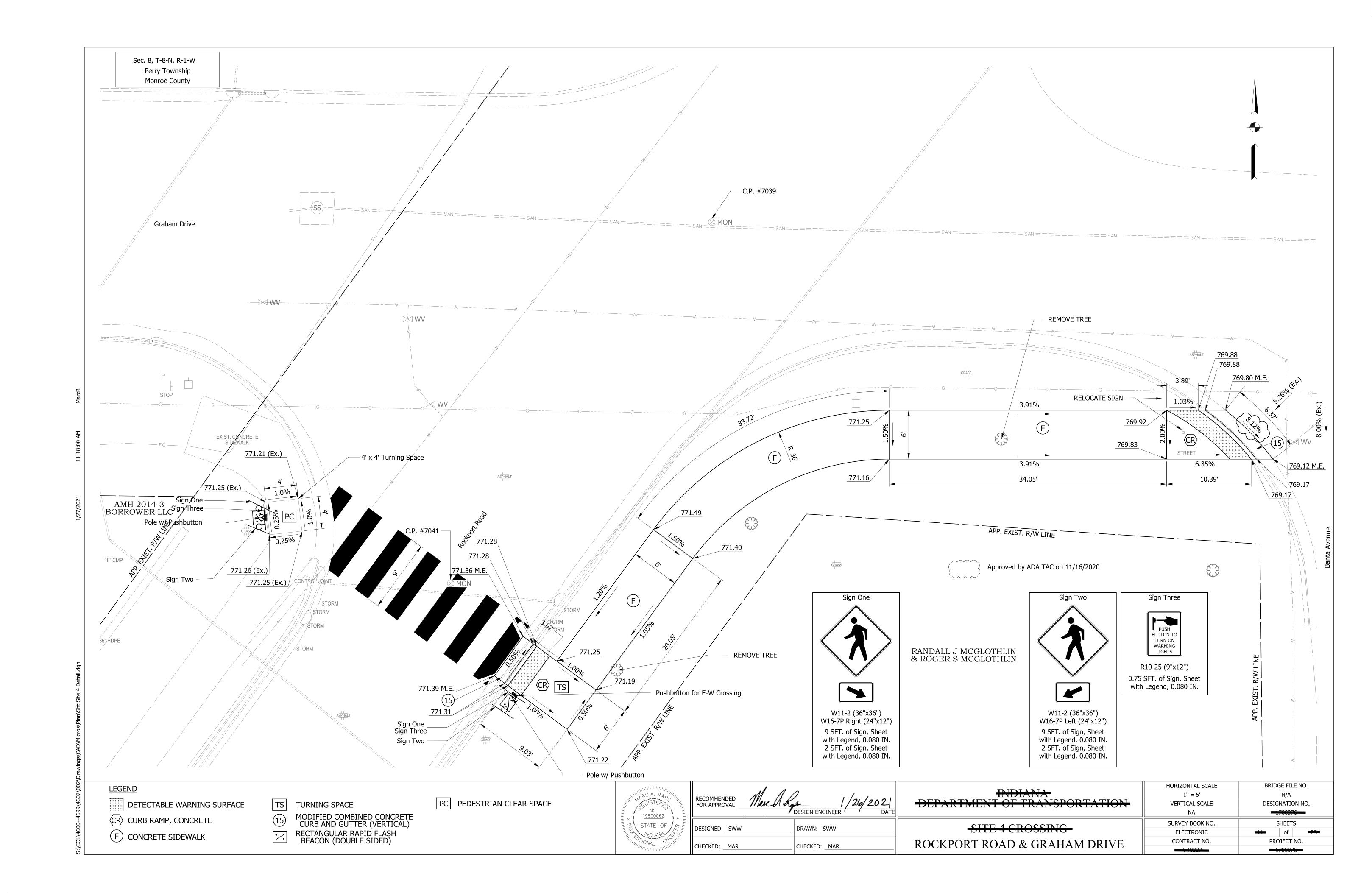


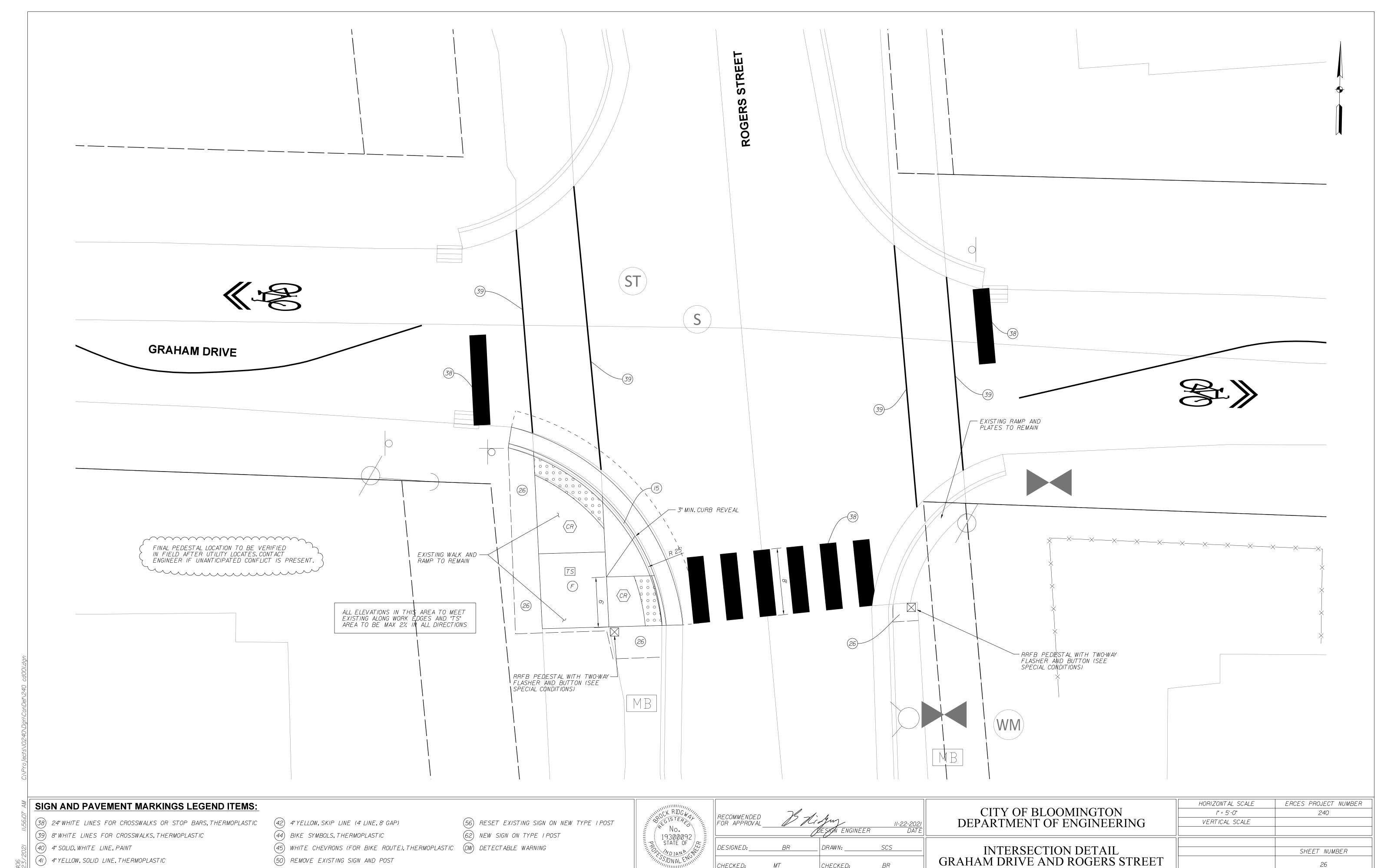












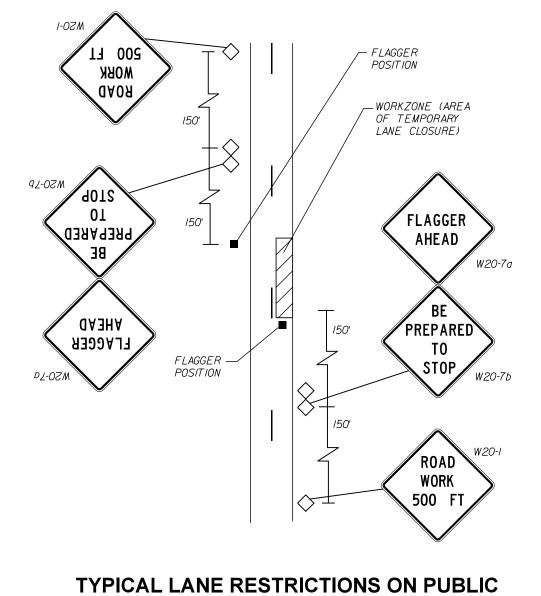
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CHECKED:

GRAHAM DRIVE AND ROGERS STREET

(41) 4" YELLOW, SOLID LINE, THERMOPLASTIC

(50) REMOVE EXISTING SIGN AND POST



## 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:

- I. 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:

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

### GENERAL LAYOUT OF ROAD CLOSURE

R11-3

10' TYPE III-B BARRICADES

CF02ED BOVD

50' TYPE III-B BARRICADES

WORKZONE - KEEP LENGTH AS SHORT AS PRACTICABLE

20' TYPE III-B BARRICADES

CLOSED

10' TYPE III-B BARRICADES

ROAD CLOSED XX AHEAD

LOCAL TRAFFIC ONLY

R11-3

R11-2

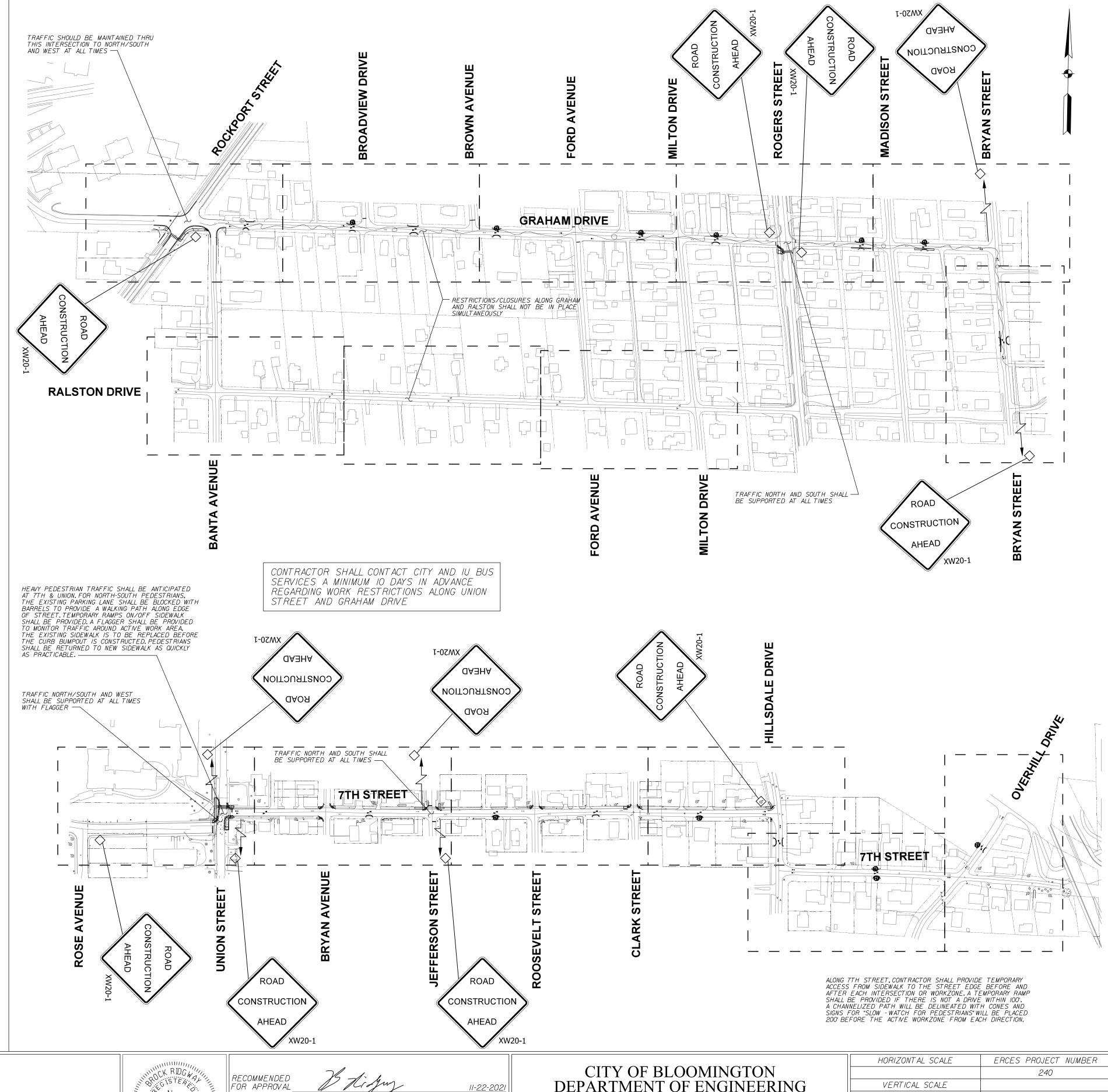
LOCAL TRAFFIC ONLY

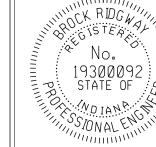
**BO∀D** CFO2ED

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

INSTALL RII-3 AT NEXT PRIMARY CROSSROAD (ROCKPORT, ROGERS, BRYAN, UNION,

JEFFERSON, HILLSDALE, OVERHILL) -





RECOMMENDED FOR APPROVAL	J Li.	Juy BEŞKÎN ENGINEER	11-22-2021 DATE
DESIGNED:	BR	DRAWN:	SCS
CHECKED:	MT	CHECKED:	BR

CITY OF BLOOMINGTON DEPARTMENT OF ENGINEERING	HORIZONT AL SCALE  VERTICAL SCALE	ERCES PROJECT NUMBER 240
MAINTENANCE OF TRAFFIC		SHEET NUMBER 27