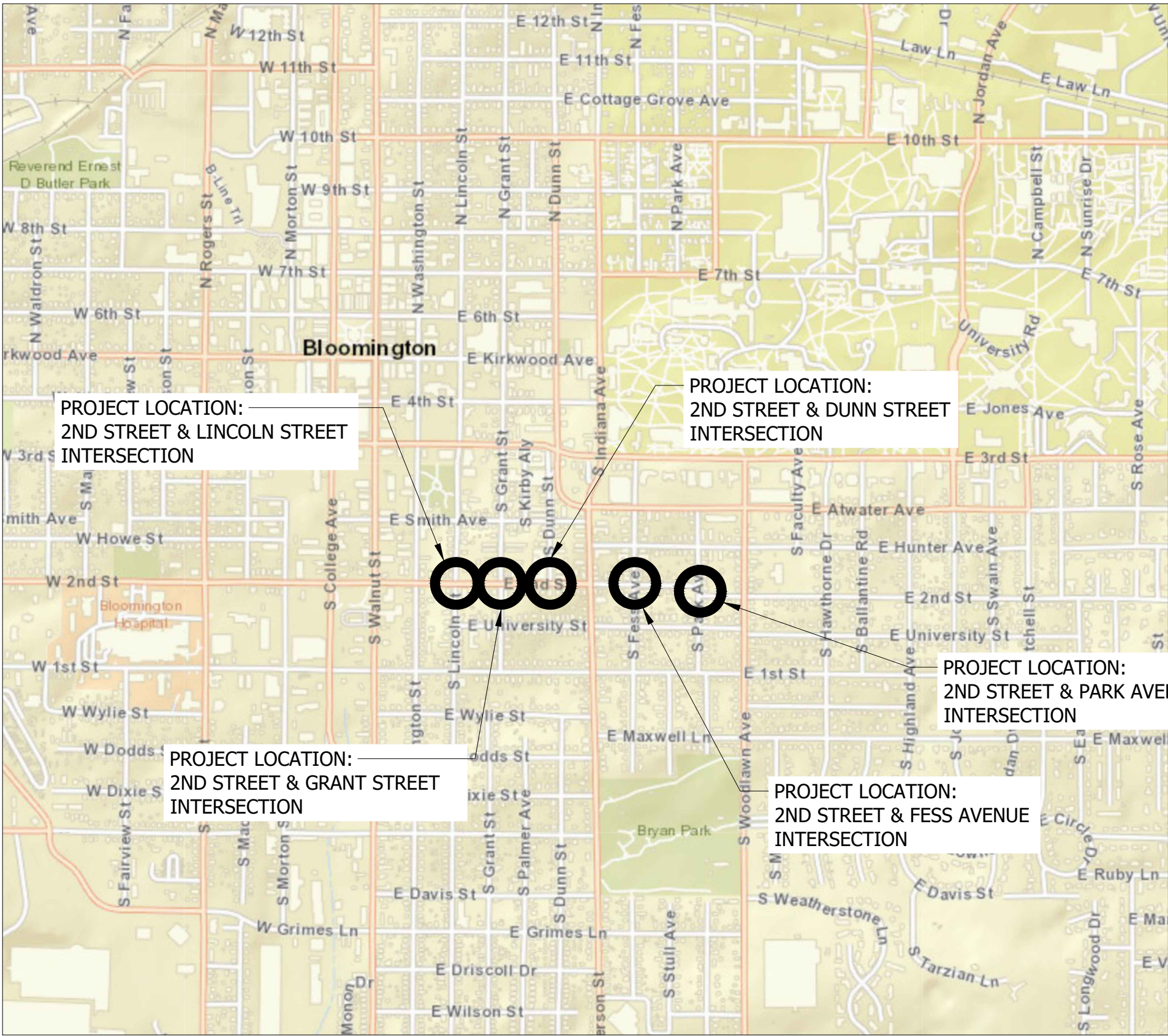


CITY OF BLOOMINGTON

2ND STREET BUMPOUTS

LINCOLN, GRANT, DUNN, FESS, & PARK

ROUTES: 2ND STREET AT THE INTERSECTIONS OF LINCOLN STREET, GRANT STREET, DUNN STREET, FESS AVENUE, & PARK AVENUE
BLOOMINGTON TOWNSHIP, MONROE COUNTY, INDIANA
CURB RAMP REPLACEMENT, STORM SEWER MODIFICATIONS & INSTALLATION OF BUMPOUTS



CITY OF BLOOMINGTON
MONROE COUNTY
INDIANA

GENERAL NOTES:
Pavement Patch, item "P", shall follow Asphalt Surface Street Cut Repair detail. Flowable fill is not required when there is no trench. Hot Poured Joint Sealant shall comply with S906.02(a)2 and be used for pavement patches where new and existing asphalt abut. "P" locations are not specified in all locations on plan sheets. "P" shall be 12" width when used adjacent to new "13", "15", "18" and "CR", installation.

Hot Poured Joint Sealant shall comply with S906.02(a)2 and be used for pavement patches where new and existing asphalt abut.

Contractor shall minimize disruption to adjacent landscaping. Any disturbed turf areas shall receive mulched seeding. Mulch shall comply with S914.05, contain no plastic materials, and be free from primary noxious weeds in accordance with S914.04. Any disturbed landscaping shall be replaced with equal or better.

Sidewalks and Curb Ramps shall comply with PROWAG and INDOT standard details. All sidewalks, curbs and curb ramps shall be constructed on 4" of #53 compacted aggregate. Detectable Warning Surfaces shall be cast iron and comply with the City's approved material list.

Contractor shall contact Indiana Underground Location Service, 811, prior to commencing excavation work.

All longline pavement markings are dimensioned to face of curb (FOC), lip of gutter or edge of pavement and center of stripe. For double lane lines, dimensions are to the point midway between the two lines.

Maintenance of traffic (vehicular and pedestrian): Continuous maintenance of access to businesses 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 shall be in accordance with the latest edition of the Indiana MUTCD. During paving operations with live traffic, the Contractor is required to provide temporary traffic control consistent with short-duration or mobile operations. During concrete operations requiring use of a roadway open to live traffic, the Contractor is required to provide temporary traffic control consistent with a lane closure on a two-lane road using flaggers. The contractor shall limit blocking the existing sidewalk to only times necessitated by sidewalk construction work. Appropriate pedestrian maintenance of traffic signage shall be in place during any sidewalk disruptions. If a sidewalk/multiuse path is blocked, and a sidewalk/multiuse path is available on the opposite side of the street, a detour route shall be provided on the opposite side of the street. If no sidewalk/multiuse path is available on the other side of the street, the closure shall be limited to 24 hours. If more than 24 hours, a walkaround shall be provided. Coordinate all pedestrian/vehicle detours with the City, Bloomington Transit and MCCSC when within 0.25 miles of a school. A pedestrian walkaround consistent with City of Bloomington Municipal Code 12.08.110 shall be provided if a portion of the sidewalk is closed for a period or periods totaling 24 hours or more.

Contractor shall be responsible for keeping the project site in a neat and safe condition at all times.

Contractor shall install TEMPORARY INLET PROTECTION at inlets adjacent to work and inlets in the drainage path of disturbed areas.

CITY OF BLOOMINGTON STANDARD DRAWINGS FOUND AT:
BLOOMINGTON.IN.GOV/ENGINEERING/RESOURCES TO BE
USED WITH THESE PLANS.

INDIANA DEPARTMENT OF TRANSPORTATION STANDARD
SPECIFICATIONS DATED 2026 AND CURRENT
SUPPLEMENTS THERETO, TO BE USED WITH THESE PLANS.

HORIZONTAL SCALE	BRIDGE FILE
N.T.S.	N/A
VERTICLE SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	N/A
CONTRACT	PROJECT
N/A	2ND ST CURB RAMPS

RECOMMENDED FOR APPROVAL
ENGINEER
10/22/2025
DATE

DESIGNED: PRD
DRAWN: PRD
CHECKED: NK
CHECKED:

CITY OF BLOOMINGTON
ENGINEERING DEPARTMENT

2ND STREET CURB RAMPS
LINCOLN TO PARK



PLOTTED: Wednesday, October 22, 2025 12:50:30 PM
 FILE: 2NDSTREET_BUMPOUTS_PLAN_SHEET_CURB_RAMP_01.DWG

- (F)

Sidewalk, Concrete, 4 In. on 4 In. #53 Compacted Agg.
- (CR)

Curb Ramp, Concrete, 6 In. on 4 In. #53 Compacted Agg.
- (13)

Concrete Curb
- (18)

Concrete Curb, Semi-Mountable, See Detail

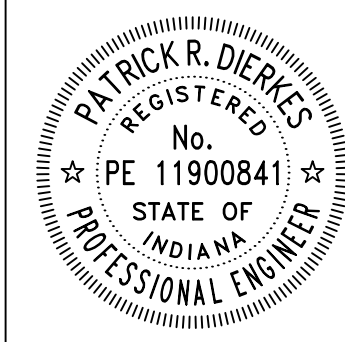
- TS

Turning Space, 1.50% Ea. Way Desirable, 2.00% Max.
- DTW

Detectable Warning Plate, Cast Iron
- (P)

Patch, 165 #/syd HMA Surface, ON PCCP, 9 In.
- (42)

Remove Pavement & Agg. Base, Backfill with B-Borrow & 4" Topsoil, Sod



RECOMMENDED FOR APPROVAL <i>Pat R. Dierkes</i> 10/22/2025 ENGINEER DATE	
DESIGNED: PRD	DRAWN: PRD
CHECKED: NK	CHECKED:

CITY OF BLOOMINGTON

ENGINEERING DEPARTMENT

2ND STREET CURB RAMPS

CURB RAMP DETAILS

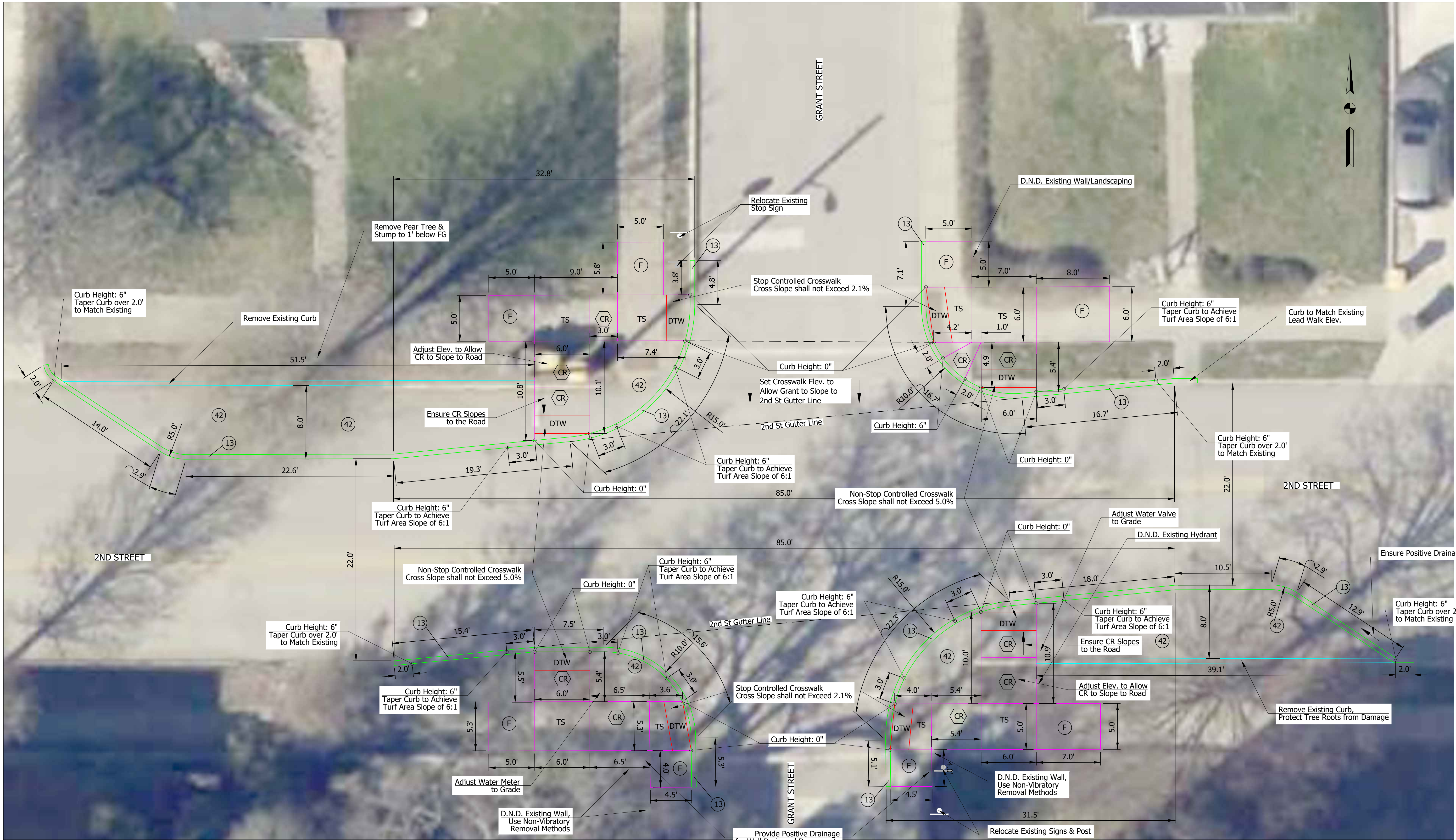
2ND STREET & LINCOLN STREET

Notes:

Contractor shall provide storm structure's elevations and inverts to Engineer for review. Final design of the storm sewer shall be determined based upon contractor provided information. No structures or pipes shall be ordered until existing utilities are potholed to determine potential conflicts.

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICLE SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	
CONTRACT	PROJECT
N/A	2ND ST CURB RAMPS

PLOTTED: Wednesday, October 22, 2025 12:50:21 PM



- (F) Sidewalk, Concrete, 4 In. on 4 In. #53 Compacted Agg.
- (CR) Curb Ramp, Concrete, 6 In. on 4 In. #53 Compacted Agg.
- (13) Concrete Curb
- (42) Concrete Curb, Semi-Mountable, See Detail

- TS Turning Space, 1.50% Ea. Way Desirable, 2.00% Max.
- DTW Detectable Warning Plate, Cast Iron
- (P) Patch, 165 #/syd HMA Surface, ON PCCP, 9 In.
- (42) Remove Pavement & Agg. Base, Backfill with B-Borrow & 4" Topsoil, Sod



RECOMMENDED FOR APPROVAL <i>Patrick R. Dierkes</i> 10/22/2025 ENGINEER DATE	
DESIGNED: PRD	DRAWN: PRD
CHECKED: NK	CHECKED:

**CITY OF BLOOMINGTON
ENGINEERING DEPARTMENT**

**2ND STREET CURB RAMPS
CURB RAMP DETAILS
2ND STREET & GRANT STREET**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A
VERTICLE SCALE N/A	DESIGNATION N/A
SURVEY BOOK N/A	SHEETS
CONTRACT N/A	PROJECT 2ND ST CURB RAMPS

PLOTTED: Wednesday, October 22, 2025 12:50:39 PM

FILE: 2NDSTREET_BUMPOUTS_PLAN_SHEET_CURB_RAMP_01.DWG

- (F) Sidewalk, Concrete, 4 In. on 4 In. #53 Compacted Agg.
- (CR) Curb Ramp, Concrete, 6 In. on 4 In. #53 Compacted Agg.
- (13) Concrete Curb
- (18) Concrete Curb, Semi-Mountable, See Detail

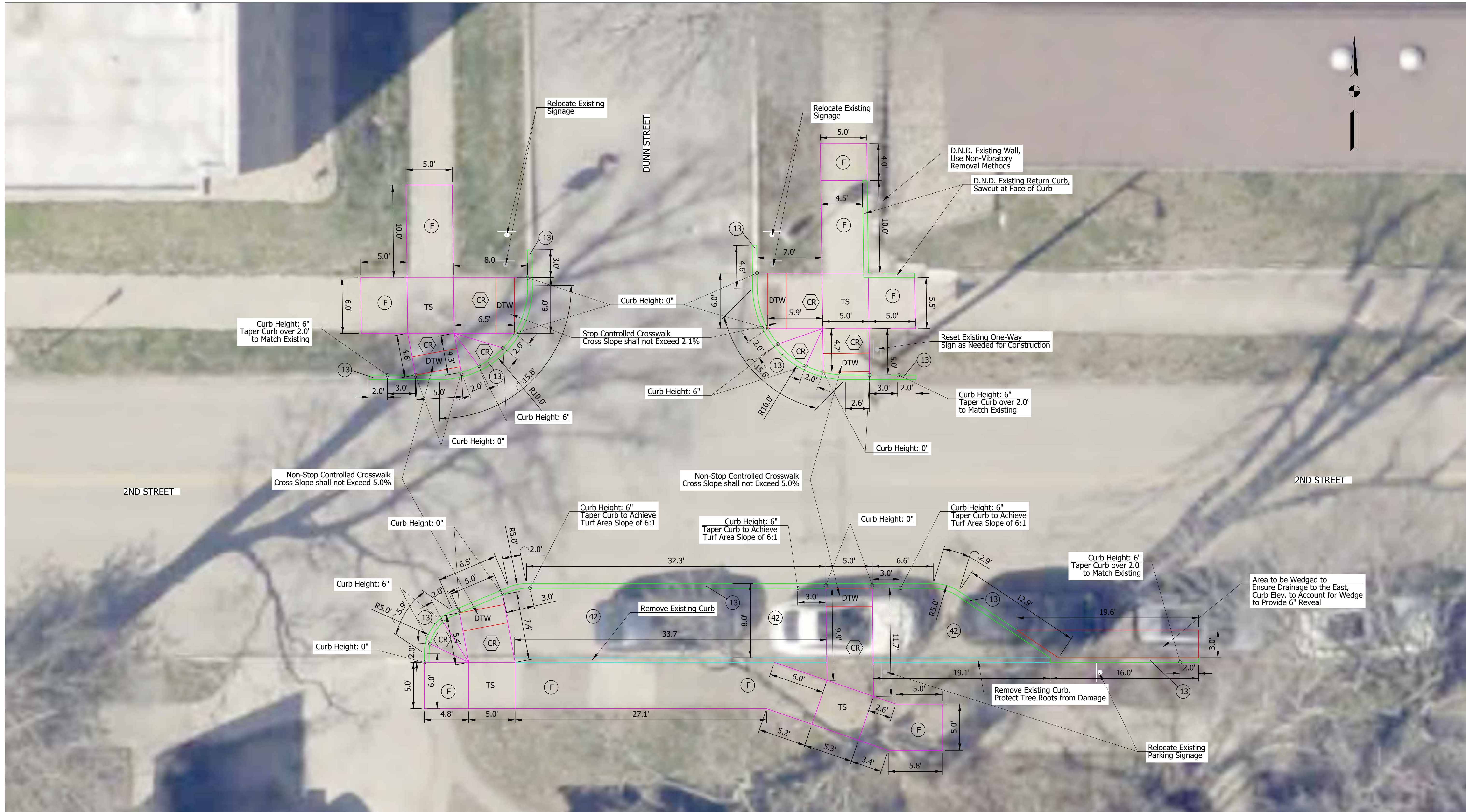
- TS Turning Space, 1.50% Ea. Way Desirable, 2.00% Max.
- DTW Detectable Warning Plate, Cast Iron
- (P) Patch, 165 #/syd HMA Surface, ON PCCP, 9 In.
- (42) Remove Pavement & Agg. Base, Backfill with B-Borrow & 4" Topsoil, Sod



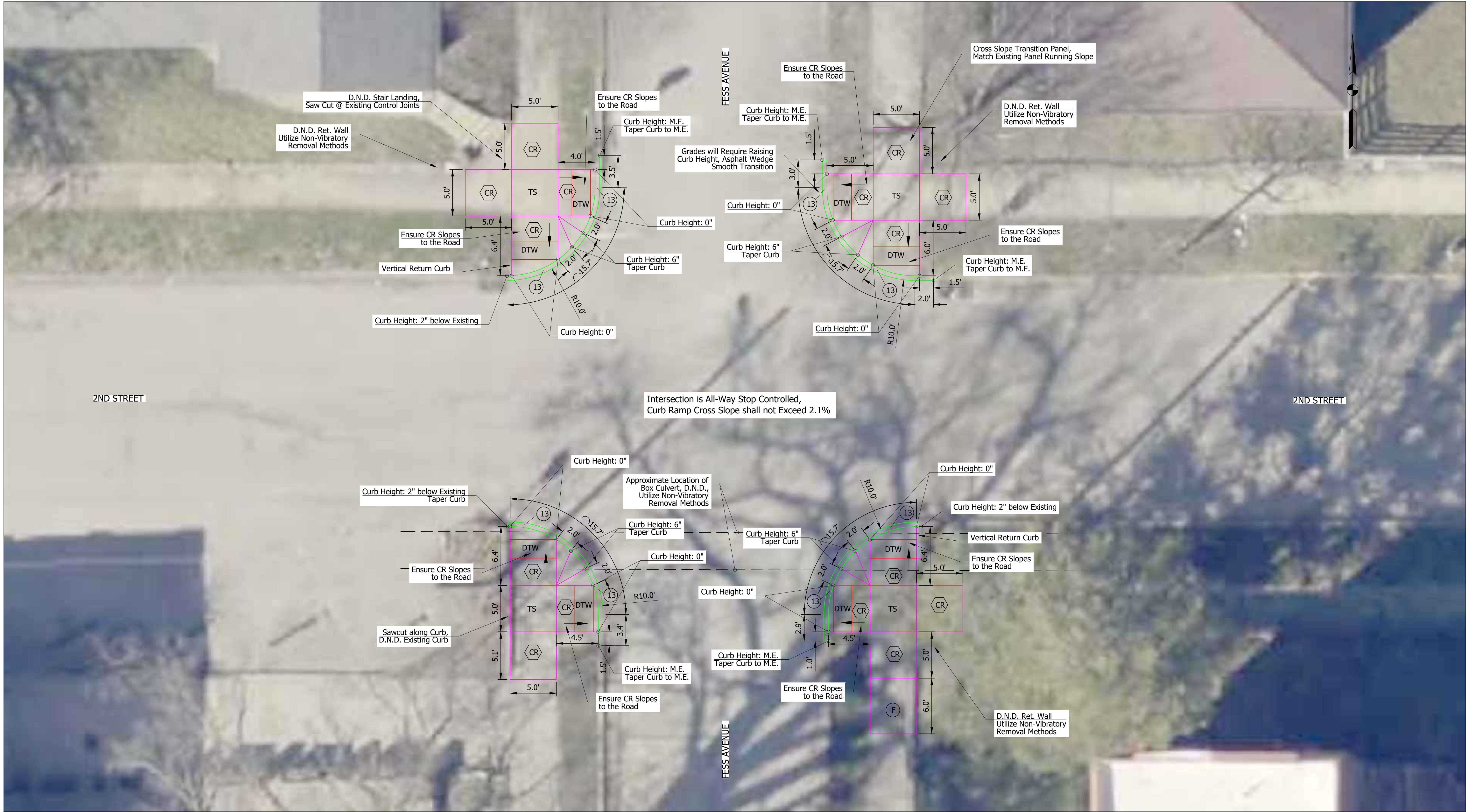
RECOMMENDED FOR APPROVAL <i>Patrick R. Dierkes</i> 10/22/2025 ENGINEER DATE	
DESIGNED: PRD	DRAWN: PRD
CHECKED: NK	CHECKED:

CITY OF BLOOMINGTON ENGINEERING DEPARTMENT	
2ND STREET CURB RAMPS CURB RAMP DETAILS 2ND STREET & DUNN STREET	

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A
VERTICLE SCALE N/A	DESIGNATION N/A
SURVEY BOOK N/A	SHEETS
CONTRACT N/A	PROJECT 2ND ST CURB RAMPS



PLOTTED: Wednesday, October 22, 2025 12:50:49 PM



- (F) Sidewalk, Concrete, 4 In. on 4 In. #53 Compacted Agg.
- (CR) Curb Ramp, Concrete, 6 In. on 4 In. #53 Compacted Agg.
- (13) Concrete Curb
- (18) Concrete Curb, Semi-Mountable, See Detail

- TS Turning Space, 1.50% Ea. Way Desirable, 2.00% Max.
- DTW Detectable Warning Plate, Cast Iron
- (P) Patch, 165 #/syd HMA Surface, ON PCCP, 9 In.
- (42) Remove Pavement & Agg. Base, Backfill with B-Borrow & 4" Topsoil, Sod



RECOMMENDED FOR APPROVAL <i>Patrick R. Dierkes</i> 10/22/2025 ENGINEER DATE	
DESIGNED: PRD	DRAWN: PRD
CHECKED: NK	CHECKED:

CITY OF BLOOMINGTON
ENGINEERING DEPARTMENT

2ND STREET CURB RAMPS
CURB RAMP DETAILS
2ND STREET & FESS AVENUE

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A
VERTICLE SCALE N/A	DESIGNATION N/A
SURVEY BOOK N/A	SHEETS
CONTRACT N/A	PROJECT 2ND ST CURB RAMPS



PLOTTED: Wednesday, October 22, 2025 12:51:00 PM
 FILE: 2NDSTREET_BUMPOUTS_PLAN_SHEET_CURB_RAMP_01.DWG

- F

Sidewalk, Concrete, 4 In. on 4 In. #53 Compacted Agg.

CR

Curb Ramp, Concrete, 6 In. on 4 In. #53 Compacted Agg.

13

Concrete Curb

18

Concrete Curb, Semi-Mountable, See Detail 3
- TS

Turning Space, 1.50% Ea. Way Desirable, 2.00% Max.

DTW

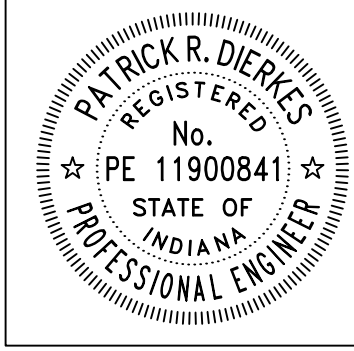
Detectable Warning Plate, Cast Iron

P

Patch, 165 #/syd HMA Surface, ON PCCP, 9 In.

42

Remove Pavement & Agg. Base, Backfill with B-Borrow & 4" Topsoil, Sod



RECOMMENDED FOR APPROVAL <i>Patrick R. Dierkes</i> ENGINEER 10/22/2025 DATE	
DESIGNED: PRD	DRAWN: PRD
CHECKED: NK	CHECKED:

CITY OF BLOOMINGTON
ENGINEERING DEPARTMENT

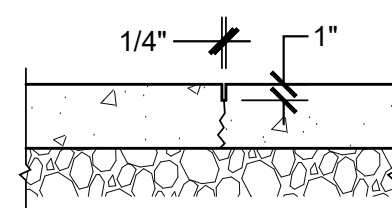
2ND STREET CURB RAMPS
CURB RAMP DETAILS
2ND STREET AND PARK AVENUE

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A
VERTICLE SCALE N/A	DESIGNATION N/A
SURVEY BOOK N/A	SHEETS
CONTRACT N/A	PROJECT 2ND ST CURB RAMPS

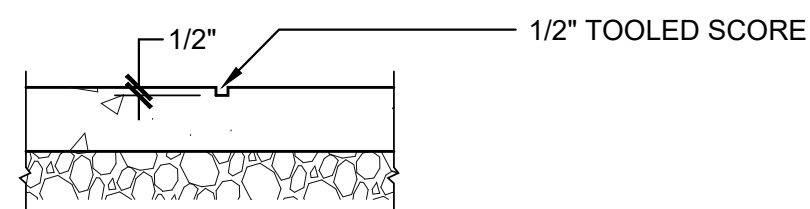
PLACE A MAXIMUM SPACING OF 50' O.C. IN CONCRETE WALKS, AND IN CURBS (U.N.O.). ALSO PLACE EXPANSION JOINT WHERE NEW CONCRETE WALKS MEET EXISTING PAVEMENTS, AT ALL STRUCTURES, AND AT ALL POINTS OF CURVATURE.



MAY BE SAWN OR TOOLED. PLACE AT MAXIMUM SPACING OF 6' O.C. IN WALKS (U.N.O.). WITHIN EACH RUN, MAKE SPACES EQUAL.

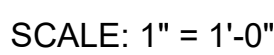
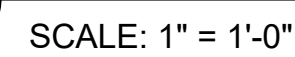


WITHIN TOOLED SCORE, ALL CONTRACTION
AND EXPANSION JOINTS ARE TO BE
PERPENDICULAR TO EDGE OF WALK.



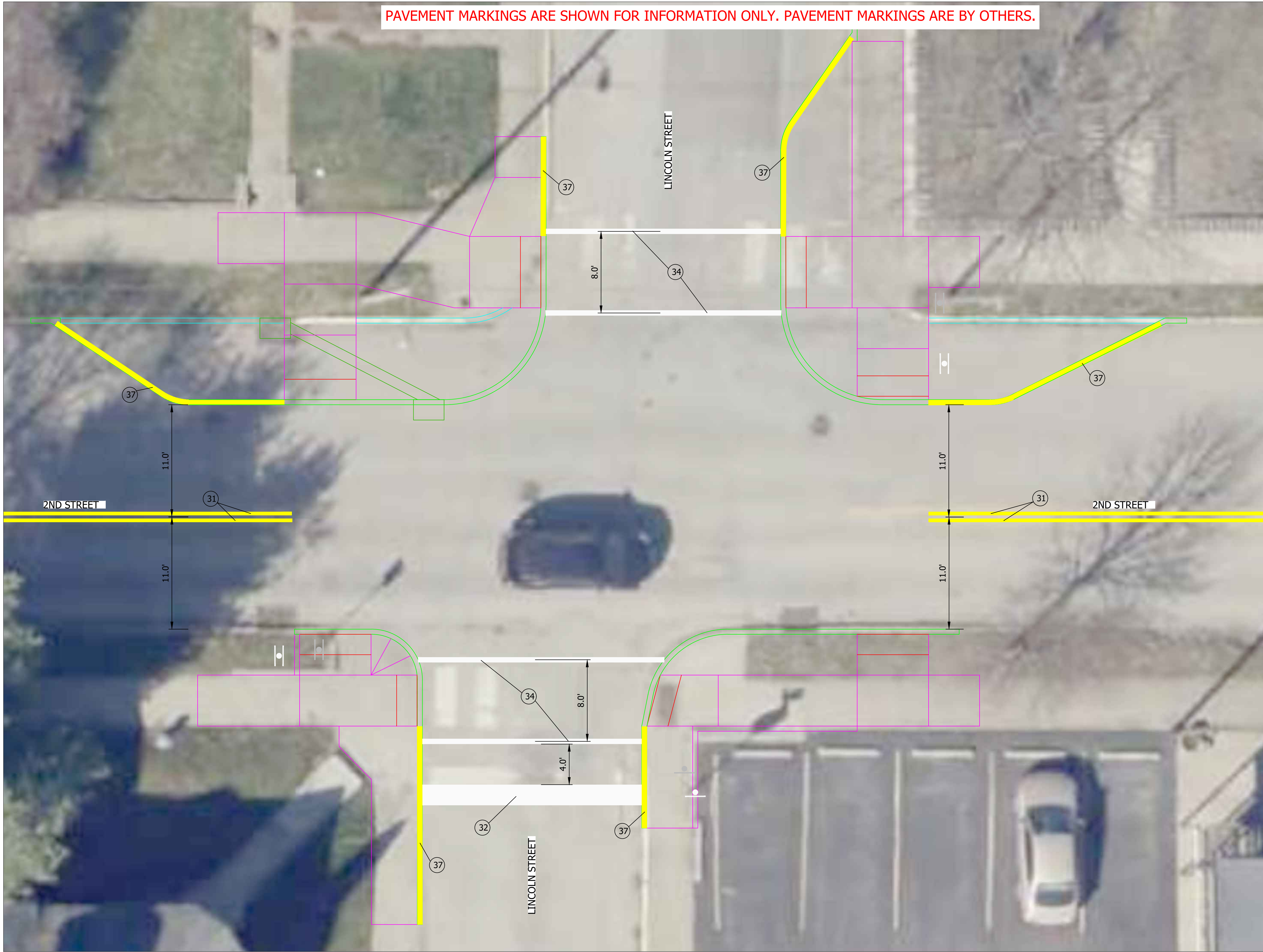
1. EXPANSION JOINT MATERIAL SHALL BE "ZIP-STRIP" EXPANSION MATERIAL WITH REMOVABLE CAP BY GREENSTREAK OR APPROVED EQUAL.
2. ELIMINATE TOOL MARKS ON ALL CONCRETE SURFACES. REMOVE TROWEL MARKS ON BOTH SIDES OF ALL JOINTS AND EDGINGS, LEAVING ONLY THE RADIUS SMOOTH.
3. ALL CONTRACTION AND EXPANSION JOINTS ARE TO BE PERPENDICULAR TO EDGE OF WALK.
4. ALIGN JOINTS IN CURBS AND ADJACENT WALKS.

NOT TO SCALE



	HORIZONTAL SCALE AS NOTED	BRIDGE FILE N/A
	VERTICLE SCALE N/A	DESIGNATION N/A
	SURVEY BOOK N/A	SHEETS
	CONTRACT N/A	PROJECT 2ND ST CURB RAMPS

PAVEMENT MARKINGS ARE SHOWN FOR INFORMATION ONLY. PAVEMENT MARKINGS ARE BY OTHERS.



- 30 Line, Thermoplastic, Solid, White, 4 in.
- 31 Line, Thermoplastic, Solid, Yellow, 4 in.
- 32 Transverse Markings, Thermoplastic, Stop Bar, White 24 in.
- 33 Transverse Markings, Thermoplastic, Crosswalk Line, White 24 in., Varies See Dims
- 34 Transverse Markings, Thermoplastic, Crosswalk Line, White 6 in.

- 37 Curb Paint, Yellow

RECOMMENDED
FOR APPROVAL _____ 10/22/2025
ENGINEER DATE

DESIGNED: PRD DRAWN: PRD
CHECKED: NK CHECKED: _____

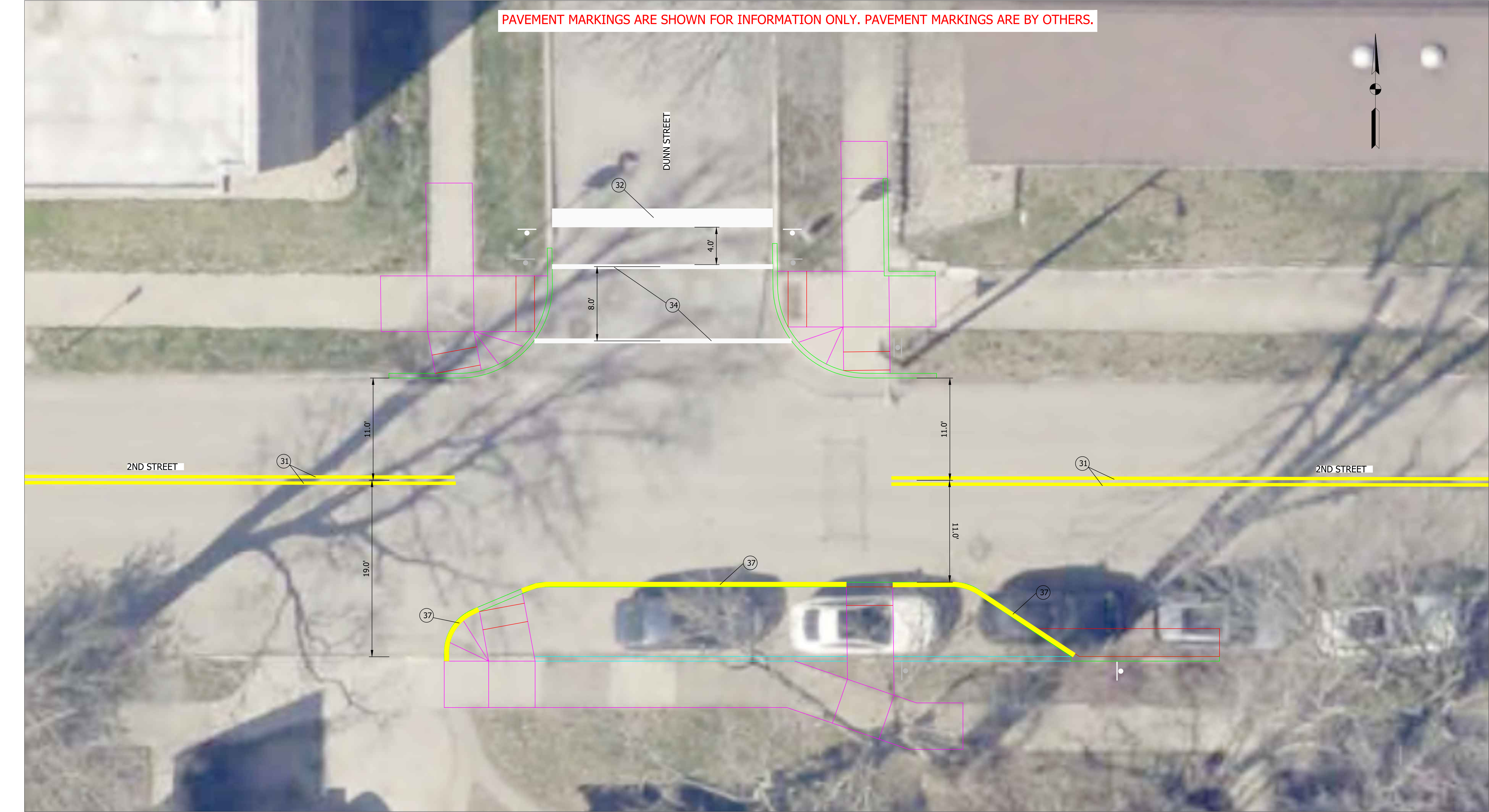
CITY OF BLOOMINGTON
ENGINEERING DEPARTMENT

2ND STREET CURB RAMP
PAVEMENT MARKING DETAILS - BY OTHERS
2ND STREET & LINCOLN STREET

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICLE SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	
CONTRACT	PROJECT
N/A	2ND ST CURB RAMP

PLOTTED: Wednesday, October 22, 2025 11:45:17 AM

FILE: 2NDSTREET_BUMPOUTS_PLAN_SHEET_PM.DWG



- 30 Line, Thermoplastic, Solid, White, 4 in.
- 31 Line, Thermoplastic, Solid, Yellow, 4 in.
- 32 Transverse Markings, Thermoplastic, Stop Bar, White 24 in.
- 33 Transverse Markings, Thermoplastic, Crosswalk Line, White 24 in., Varies See Dims
- 34 Transverse Markings, Thermoplastic, Crosswalk Line, White 6 in.

37 Curb Paint, Yellow

RECOMMENDED FOR APPROVAL _____ 10/22/2025 ENGINEER DATE	
DESIGNED: PRD	DRAWN: PRD
CHECKED: NK	CHECKED: _____

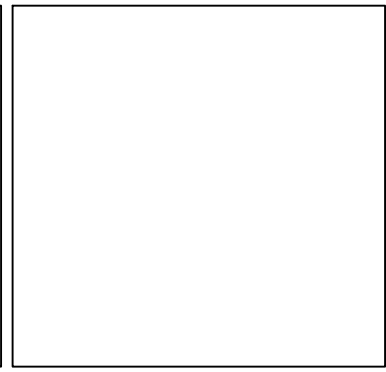
**CITY OF BLOOMINGTON
ENGINEERING DEPARTMENT**

**2ND STREET CURB RAMP
PAVEMENT MARKING DETAILS - BY OTHERS
2ND STREET & DUNN STREET**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A
VERTICLE SCALE N/A	DESIGNATION N/A
SURVEY BOOK N/A	SHEETS 1
CONTRACT N/A	PROJECT 2ND ST CURB RAMP

PLOTTED: Wednesday, October 22, 2025 11:45:27 AM
 FILE: 2NDSTREET_BUMPOUTS_PLAN_SHEET_PM.DWG

30	Line, Thermoplastic, Solid, White, 4 in.	37	Curb Paint, Yellow
31	Line, Thermoplastic, Solid, Yellow, 4 in.		
32	Transverse Markings, Thermoplastic, Stop Bar, White 24 in.		
33	Transverse Markings, Thermoplastic, Crosswalk Line, White 24 in., Varies See Dims		
34	Transverse Markings, Thermoplastic, Crosswalk Line, White 6 in.		

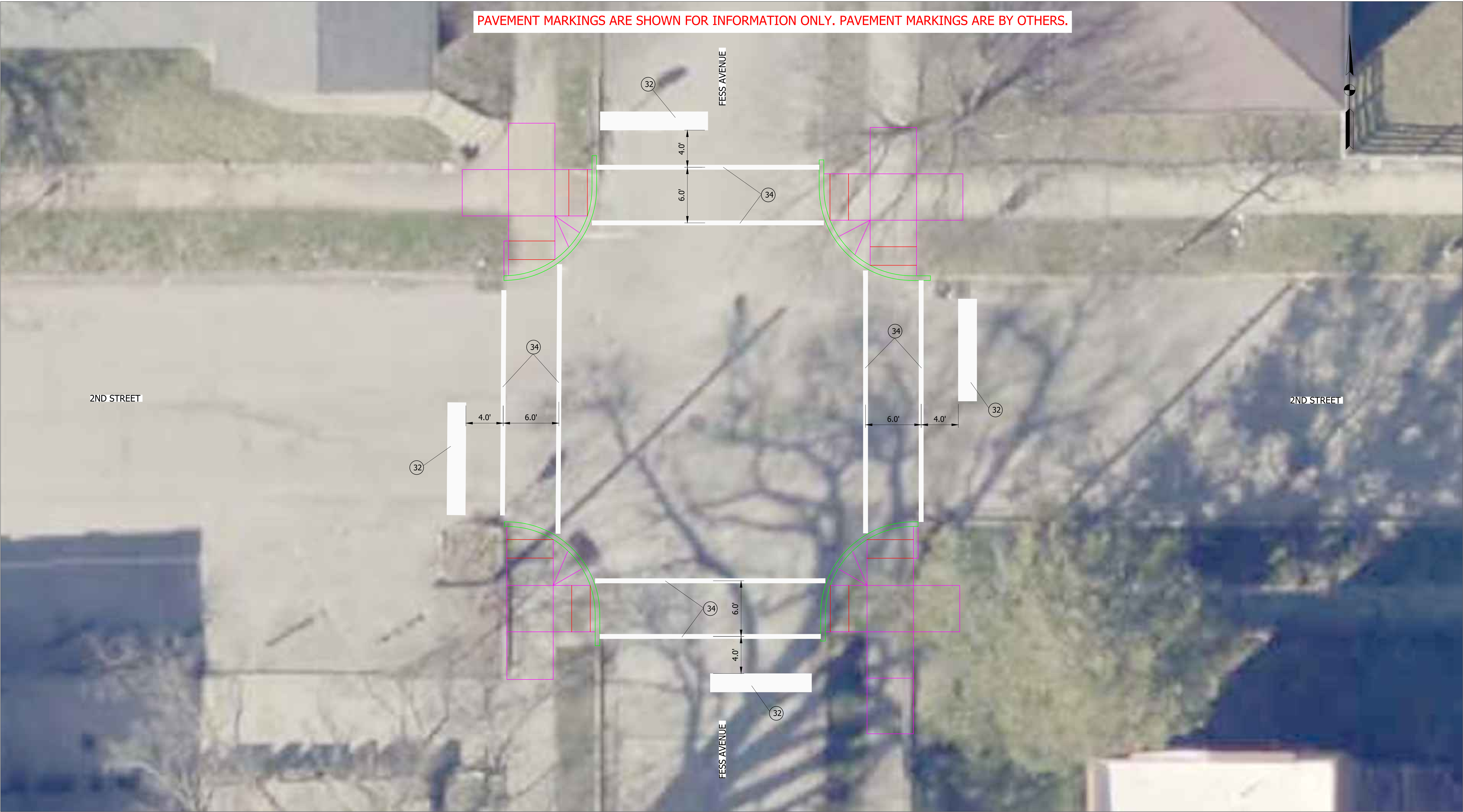


RECOMMENDED FOR APPROVAL _____		10/22/2025	
ENGINEER		DATE	
DESIGNED: PRD		DRAWN: PRD	
CHECKED: NK		CHECKED: _____	

CITY OF BLOOMINGTON
ENGINEERING DEPARTMENT

2ND STREET CURB RAMP
PAVEMENT MARKING DETAILS - BY OTHERS
2ND STREET & FESS AVENUE

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICLE SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	
CONTRACT	PROJECT
N/A	2ND ST CURB RAMP



PLOTTED: Wednesday, October 22, 2025 11:45:37 AM
 FILE: 2NDSTREET_BUMPOUTS_PLAN_SHEET_PM.DWG



- | | |
|----|---|
| 30 | Line, Thermoplastic, Solid, White, 4 in. |
| 31 | Line, Thermoplastic, Solid, Yellow, 4 in. |
| 32 | Transverse Markings, Thermoplastic, Stop Bar, White 24 in. |
| 33 | Transverse Markings, Thermoplastic, Crosswalk Line, White 24 in., Varies See Dims |
| 34 | Transverse Markings, Thermoplastic, Crosswalk Line, White 6 in. |

37 Curb Paint, Yellow

RECOMMENDED FOR APPROVAL _____		10/22/2025
ENGINEER		DATE
DESIGNED: PRD	DRAWN: PRD	
CHECKED: NK	CHECKED: _____	

CITY OF BLOOMINGTON
ENGINEERING DEPARTMENT

2ND STREET CURB RAMPS
PAVEMENT MARKING DETAILS - BY OTHERS
2ND STREET & PARK AVENUE

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICLE SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	
CONTRACT	PROJECT
N/A	2ND ST CURB RAMPS