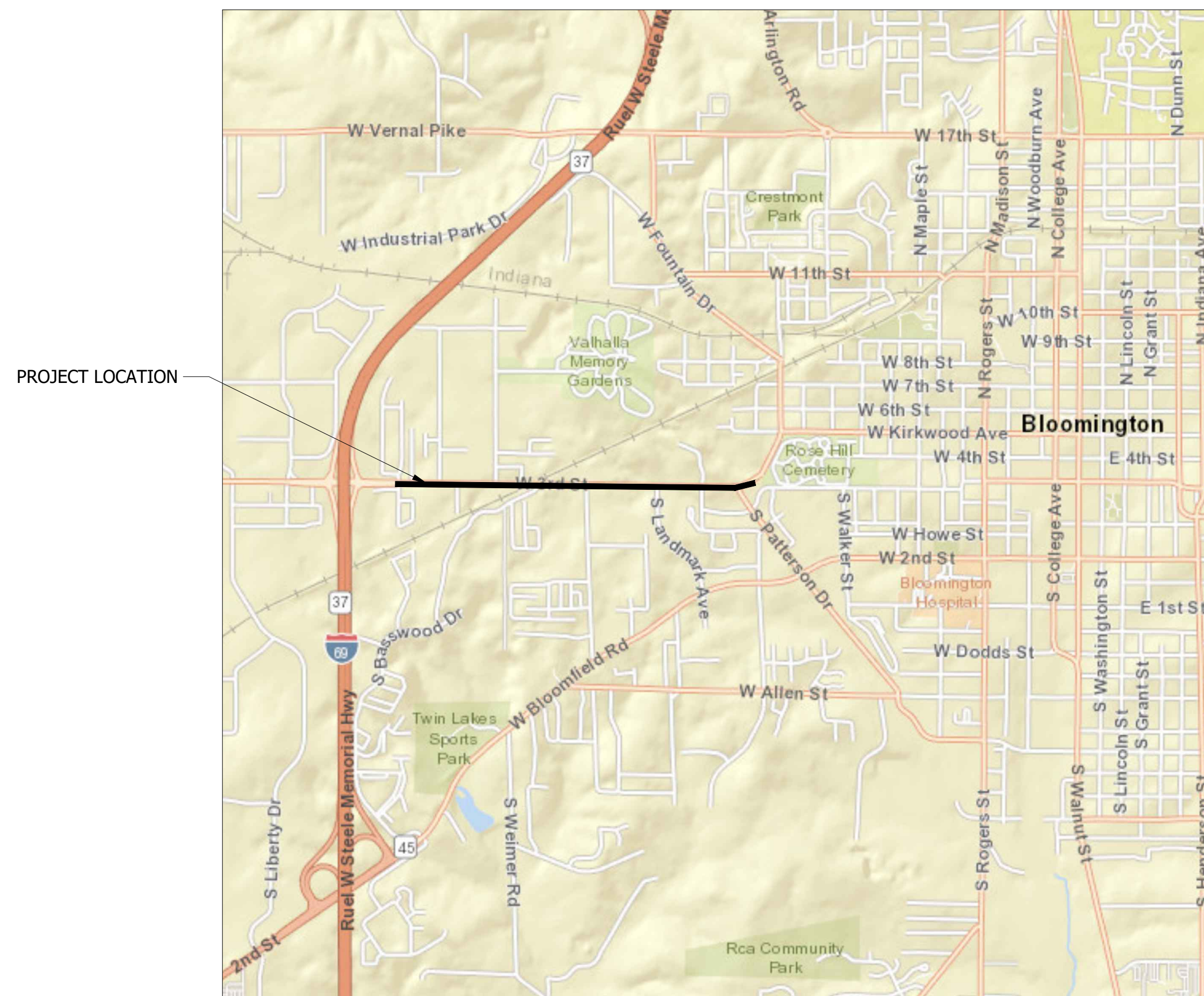


3RD STREET (PATTERSON DRIVE TO FRANKLIN ROAD) CURB RAMP IMPROVEMENTS & RESURFACING

ROUTE: WEST 3RD STREET, STARTING AT THE EXISTING PAVING BREAK ON THE WEST EDGE OF THE INTERSECTION OF 3RD STREET & FRANKLIN ROAD/WYNNEDALE DRIVE TO EXISTING PAVING BREAK 110' FROM THE WESTBOUND STOP BAR OF THE 3RD STREET AND PATTERSON DRIVE INTERSECTION.
3RD STREET IS THE SOUTH SECTION LINE OF SECTION 31 & 32, T9N, R-1-W, BLOOMINGTON TOWNSHIP, MONROE COUNTY, INDIANA
MILLING, HMA PAVEMENT, SIDEWALK, CURB RAMP AND PAVEMENT MARKING REPLACEMENT.



CITY OF BLOOMINGTON
MONROE COUNTY
INDIANA

DATA	
TRAFFIC DATA	XXX(ROAD NAME)
AADT (2021)	
AADT (2041 PROJECTION)	
DHV (2041 PROJECTED)	
DIRECTIONAL DISTRIBUTION	
AADT (2021)	
DESIGN DATA	XXX(ROAD NAME)
DESIGN SPEED	XXX MPH
PROJECTED DESIGN CRITERIA	PEDESTRIAN
FUNCTIONAL CLASSIFICATION	XXXX
RURAL/URABN	URBAN
TERRAIN	XXXX
ACCESS CONTROL	NA

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 Adhesive (S906, a, 5) in joints between new asphalt and old asphalt, curb faces, gutter faces and concrete edges. "P" locations are not specified in all locations on plan sheets. "P" shall be 12" width when used adjacent to new "13", "15", and CR, installation.

Contractor shall minimize disruption to adjacent landscaping. Any disturbed landscape area shall receive mulched seeding.

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

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

Blue raised pavement markers shall be installed adjacent to existing fire hydrants. Hydrant locations not show on plans.

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, the Contractor is required to provide temporary traffic control consistent with short-duration or mobile operations. During concrete operations requiring use of the roadway, the Contractor is required to provide temporary traffic control consistent with a lane closure on a multi-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. 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 more than 48 hours. Sidewalk on at least one side of 3rd Street must be open at all times.

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

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 2024 AND CURRENT SUPPLEMENTS THERETO, TO BE USED WITH THESE PLANS.

PLOTTED: Friday, June 21, 2024, 1:10:25 PM

FILE: 3RDST_RESURFACING_COVER SHEET.DWG



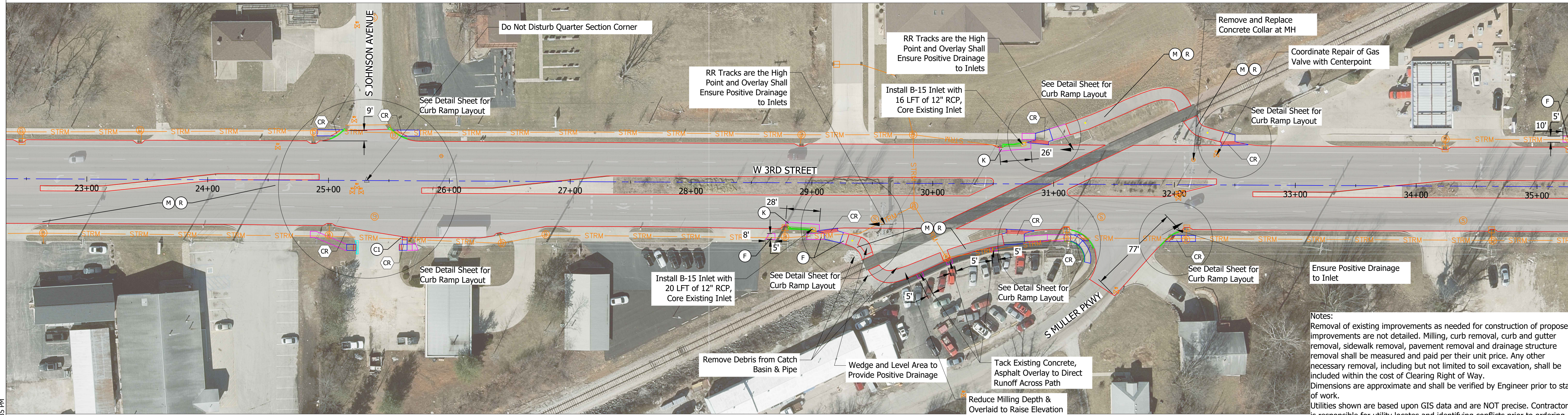
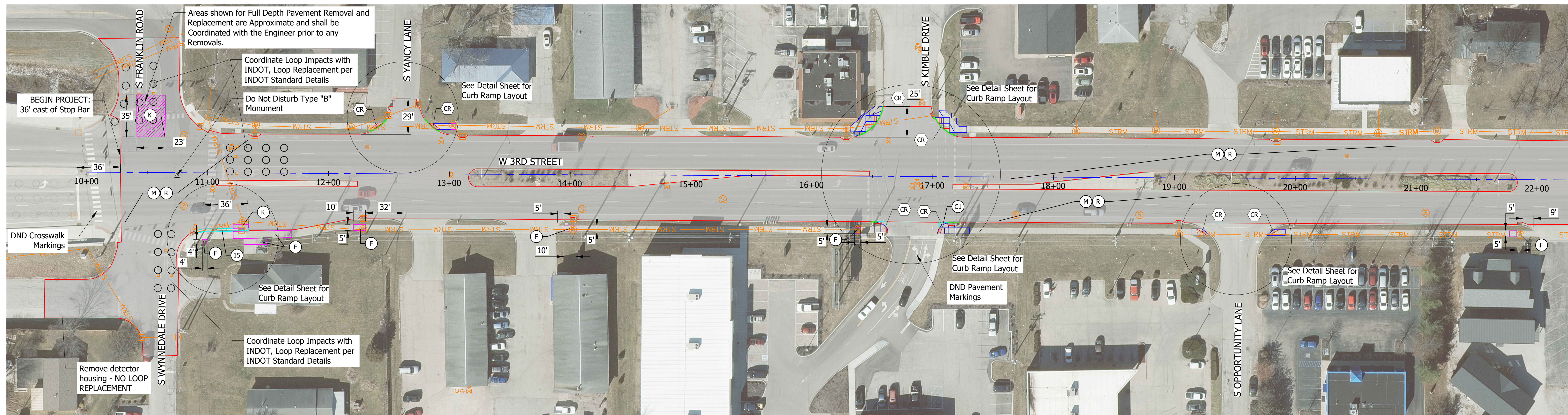
RECOMMENDED FOR APPROVAL: *Patrick R. Dierkes*
ENGINEER DATE

DESIGNED: PRD DRAWN: PRD
CHECKED: NK CHECKED:

CITY OF BLOOMINGTON
ENGINEERING DEPARTMENT

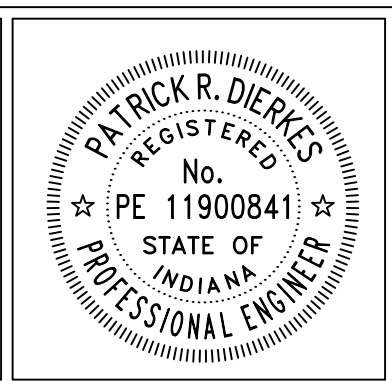
3RD STREET RESURFACING
PATTERSON DRIVE TO FRANKLIN ROAD

HORIZONTAL SCALE	BRIDGE FILE
1" = 40'	N/A
VERTICLE SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	01 of 17
CONTRACT	PROJECT
N/A	3RD STREET RESURFACING



Notes:
 Removal of existing improvements as needed for construction of proposed improvements are not detailed. Milling, curb removal, curb and gutter removal, sidewalk removal, pavement removal and drainage structure removal shall be measured and paid per their unit price. Any other necessary removal, including but not limited to soil excavation, shall be included within the cost of Clearing Right of Way. Dimensions are approximate and shall be verified by Engineer prior to start of work. Utilities shown are based upon GIS data and are NOT precise. Contractor is responsible for utility locates and identifying conflicts prior to ordering materials.

(C)	PCCP for Approaches, 9 In. on Subgrade Treatment, Type II	(M)	Milling, Asphalt, 1-1/2 In.	(TS)	Turning Space, 1.50% Ea. Way Desirable, 2.00% Max.
(F)	Sidewalk, Concrete, 4 In.	(R)	165 #/syd HMA Surface, Type 3, 64, 9.5 mm	(42)	Remove Pavement & Agg. Base, Backfill with B-Borrow & 4" Topsoil, Mulch Seed
(K)	Full Depth HMA Pavement 165 #/syd QC-QA HMA, 2, 70, Surface, 9.5 mm on 275 #/syd QC-QA HMA, 2, 70, Intermediate, 19.0 mm on 440 #/syd QC-QA HMA, 2, 64, Base, 25.0 mm on 3 In. Compacted Aggregate, No. 53 Base on Compacted Subgrade	(13)	Concrete Curb	(DTW)	Detectable Warning Plate, COB Approved Material List
		(15)	Concrete Curb and Gutter, Match Existing or per Plan Dimensions		
		(26)	Mulched Seeding, City of Bloomington Mix		
		(CR)	Curb Ramp, Concrete		



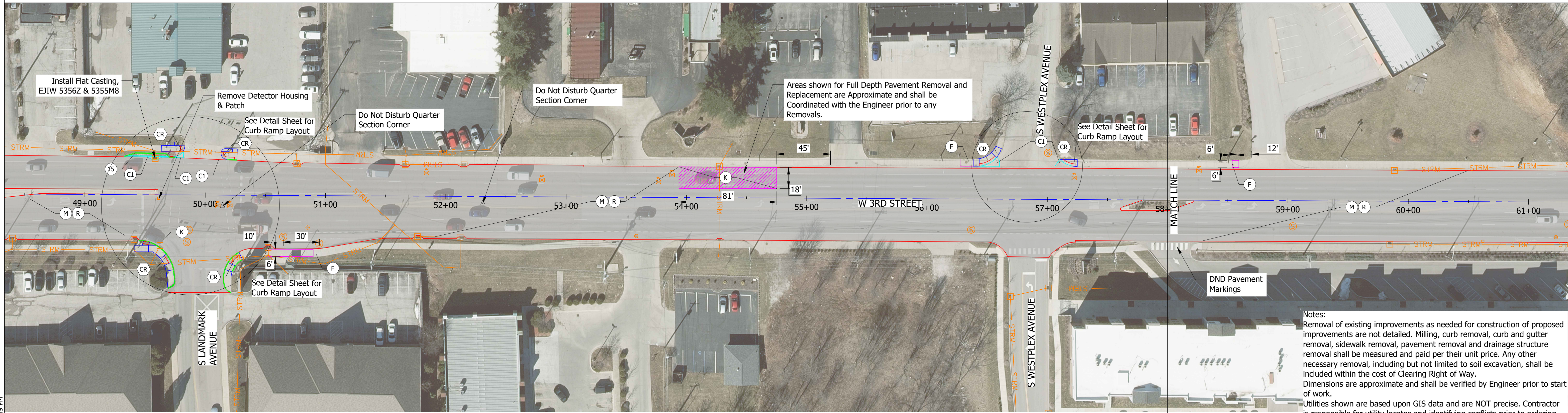
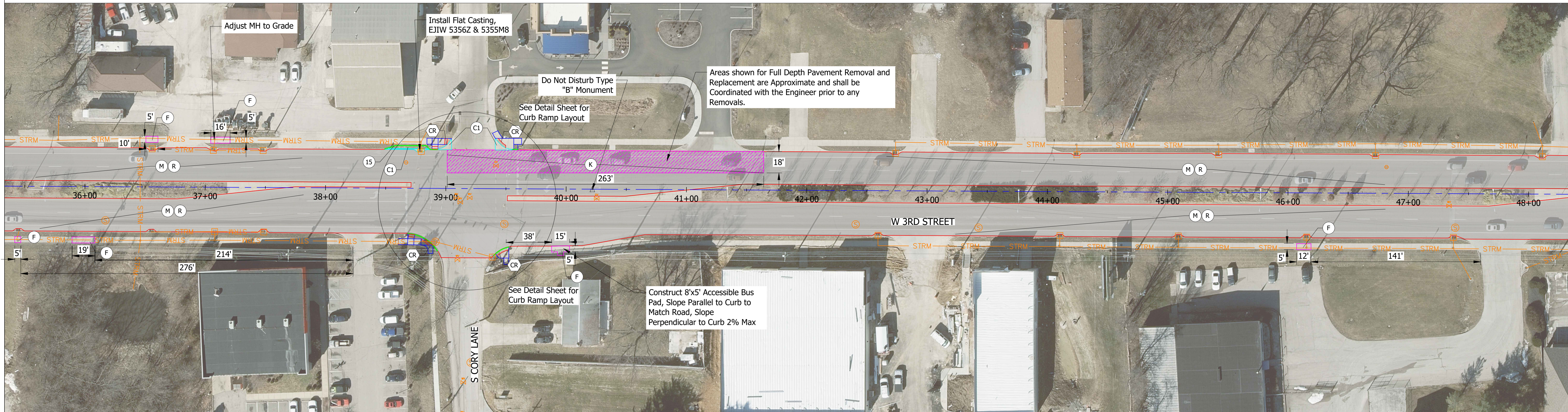
RECOMMENDED FOR APPROVAL	<i>Patrick R. Dierkes</i>	ENGINEER	DATE
DESIGNED: PRD		DRAWN: PRD	
CHECKED: NK		CHECKED:	

**CITY OF BLOOMINGTON
 ENGINEERING DEPARTMENT**

**3RD STREET RESURFACING
 PATTERSON DRIVE TO FRANKLIN ROAD**

HORIZONTAL SCALE	BRIDGE FILE
1" = 40'	N/A
VERTICLE SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	02 of 17
CONTRACT	PROJECT
N/A	3RD STREET RESURFACING

PLOT DATE: Friday, June 21, 2024 12:59:35 PM



Notes:
 Removal of existing improvements as needed for construction of proposed improvements are not detailed. Milling, curb removal, curb and gutter removal, sidewalk removal, pavement removal and drainage structure removal shall be measured and paid per their unit price. Any other necessary removal, including but not limited to soil excavation, shall be included within the cost of Clearing Right of Way. Dimensions are approximate and shall be verified by Engineer prior to start of work.
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(F)	Sidewalk, Concrete, 4 In.	(R)	165 #/syd HMA Surface, Type 3, 64, 9.5 mm	(42)	Remove Pavement & Agg. Base, Backfill with B-Borrow & 4" Topsoil, Mulch Seed
(K)	Full Depth HMA Pavement 165 #/syd QC-QA HMA, 2, 70, Surface, 9.5 mm on 275 #/syd QC-QA HMA, 2, 70, Intermediate, 19.0 mm on 440 #/syd QC-QA HMA, 2, 64, Base, 25.0 mm on 3 In. Compacted Aggregate, No. 53 Base on Compacted Subgrade	(13)	Concrete Curb	DTW	Detectable Warning Plate, COB Approved Material List
		(15)	Concrete Curb and Gutter, Match Existing or per Plan Dimensions		
		(26)	Mulched Seeding, City of Bloomington Mix		
		(CR)	Curb Ramp, Concrete		



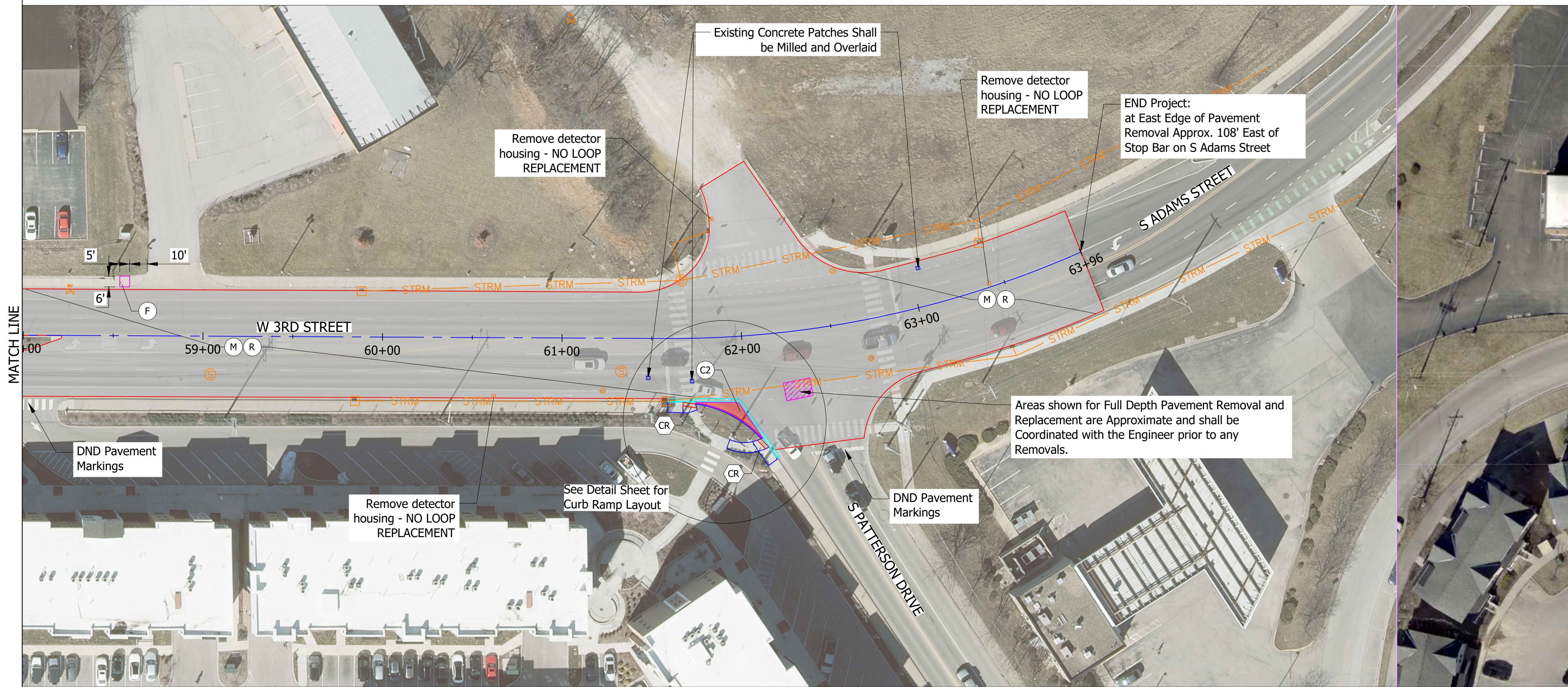
RECOMMENDED FOR APPROVAL	<i>Patrick R. Dierkes</i>	ENGINEER	DATE
DESIGNED: PRD		DRAWN: PRD	
CHECKED: NK		CHECKED:	

CITY OF BLOOMINGTON
ENGINEERING DEPARTMENT

3RD STREET RESURFACING
PATTERSON DRIVE TO FRANKLIN ROAD

HORIZONTAL SCALE	1" = 40'	BRIDGE FILE	N/A
VERTICLE SCALE	N/A	DESIGNATION	N/A
SURVEY BOOK	N/A	SHEETS	03 of 17
CONTRACT	N/A	PROJECT	3RD STREET RESURFACING

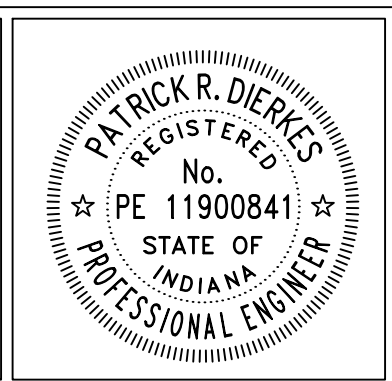
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Notes:
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PLOTTED: Friday, June 21, 2024, 12:54:15 PM

(C1) PCCP for Approaches, 9 In. on Subgrade Treatment, Type II	(M) Milling, Asphalt, 1-1/2 In.	TS Turning Space, 1.50% Ea. Way Desirable, 2.00% Max.
(F) Sidewalk, Concrete, 4 In.	(R) 165 #/syd HMA Surface, Type 3, 64, 9.5 mm	(42) Remove Pavement & Agg. Base, Backfill with B-Borrow & 4" Topsoil, Mulch Seed
(K) Full Depth HMA Pavement 165 #/syd QC-QA HMA, 2, 70, Surface, 9.5 mm on 275 #/syd QC-QA HMA, 2, 70, Intermediate, 19.0 mm on 440 #/syd QC-QA HMA, 2, 64, Base, 25.0 mm on 3 In. Compacted Aggregate, No. 53 Base on Compacted Subgrade	(13) Concrete Curb	DTW Detectable Warning Plate, COB Approved Material List
	(15) Concrete Curb and Gutter, Match Existing or per Plan Dimensions	(C2) PCCP (Colored) for Approaches, 12 In. on Subgrade Treatment, Type II
	(26) Mulched Seeding, City of Bloomington Mix	
	(CR) Curb Ramp, Concrete	

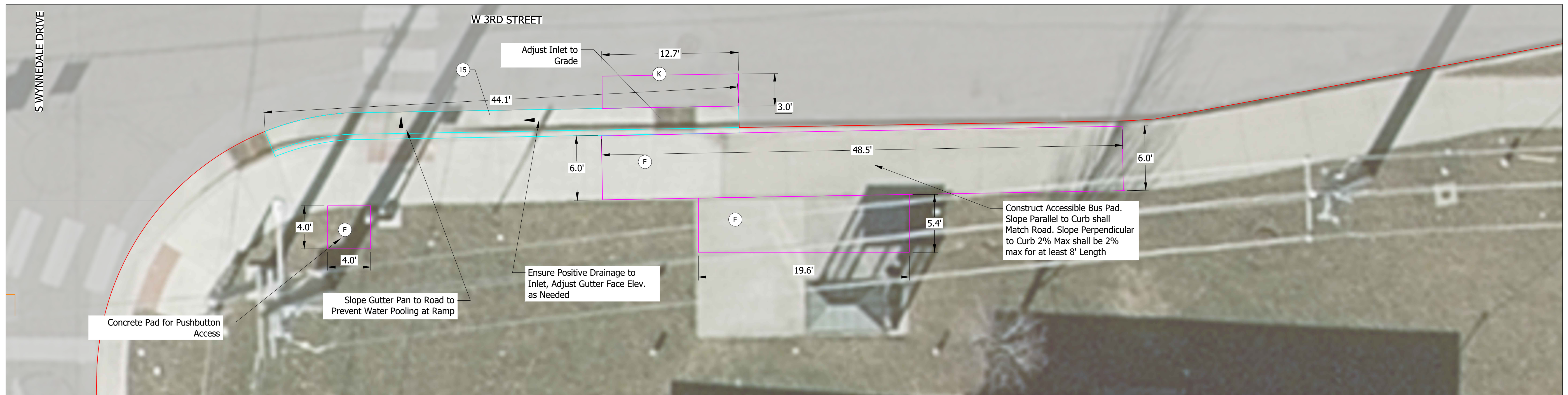


RECOMMENDED FOR APPROVAL	<i>Patrick R. Dierkes</i>	ENGINEER	DATE
DESIGNED: PRD		DRAWN: PRD	
CHECKED: NK		CHECKED:	

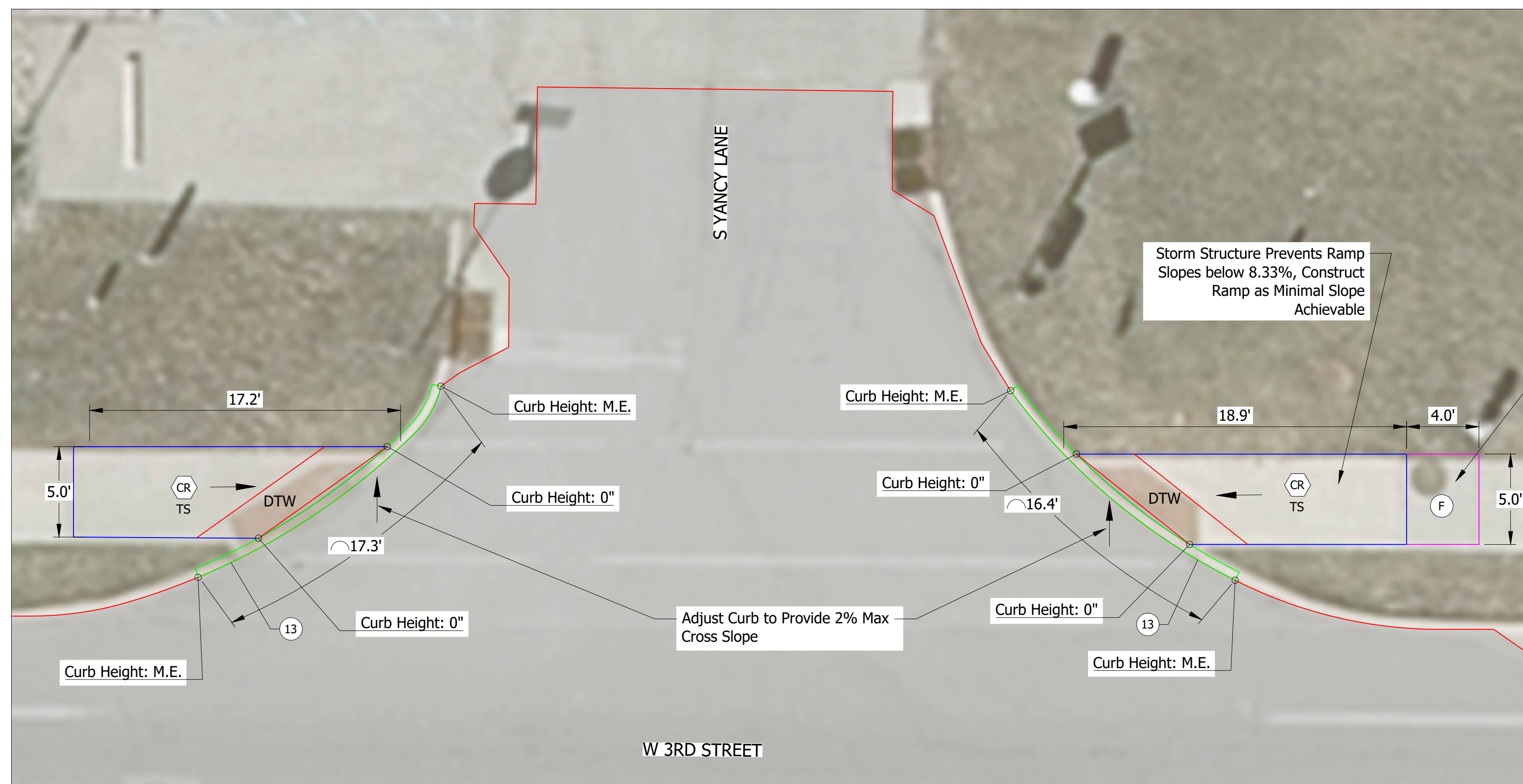
**CITY OF BLOOMINGTON
 ENGINEERING DEPARTMENT**

**3RD STREET RESURFACING
 PATTERSON DRIVE TO FRANKLIN ROAD**

HORIZONTAL SCALE 1" = 40'	BRIDGE FILE N/A
VERTICLE SCALE N/A	DESIGNATION N/A
SURVEY BOOK N/A	SHEETS 04 of 17
CONTRACT N/A	PROJECT 3RD STREET RESURFACING



CURB RAMP DETAILS
SOUTHEAST CORNER W 3RD STREET AND S WYNNEDALE DR.
 Scale: 1"=5'



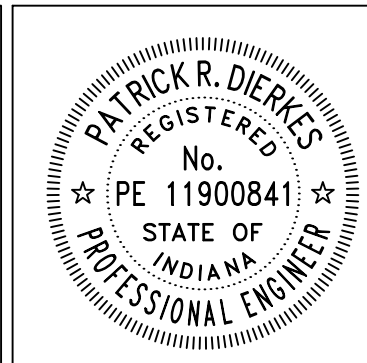
CURB RAMP DETAILS
W 3RD STREET AND S YANCY LANE
 Scale: 1"=5'

Notes:

- Dimensions and layouts shown are considered the maximum required to meet PROWAG requirements. If additional removal/reconstruction is required the Contractor shall notify the Owner for approval.
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- Curbs at curb ramps shall taper from 0" to 6" in the distance called out on the curb ramp details. Flare slopes in pedestrian circulation routes shall not exceed 10.0%. In non-pedestrian circulation routes flares shall not exceed 25.0%.
- All exposed curb faces shall be finished. Back of curbs in grass areas, item "42", shall be finished as needed to achieve grass slopes of 6:1 max.
- Pavement patching along curb face shall be considered incidental to the cost of curb construction. All patching required shall be full depth PCCP with 1-1/2" of asphalt surface.
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PLOT/ED: Friday, June 21, 2024, 12:38:17 PM

(C) PCCP for Approaches, 9 In. on Subgrade Treatment, Type II	(H) Milling, Asphalt, 1-1/2 In.	TS Turning Space, 1.50% Ea. Way Desirable, 2.00% Max.
(F) Sidewalk, Concrete, 4 In.	(R) 165 #/syd HMA Surface, Type 3, 64, 9.5 mm	(42) Remove Pavement & Agg. Base, Backfill with B-Borrow & 4" Topsoil, Mulch Seed
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	(26) Mulched Seeding, City of Bloomington Mix	
	(CR) Curb Ramp, Concrete	

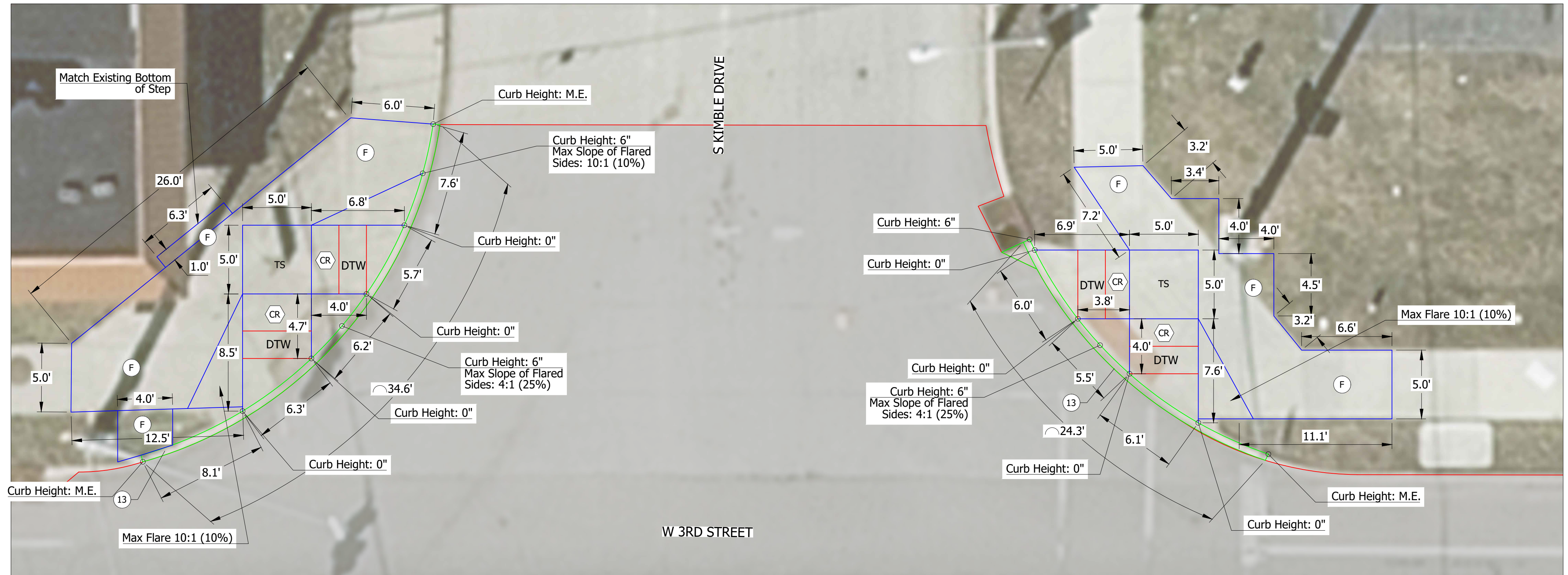


RECOMMENDED FOR APPROVAL	<i>Patrick R. Dierkes</i>	ENGINEER	DATE
DESIGNED: PRD		DRAWN: PRD	
CHECKED: NK		CHECKED:	

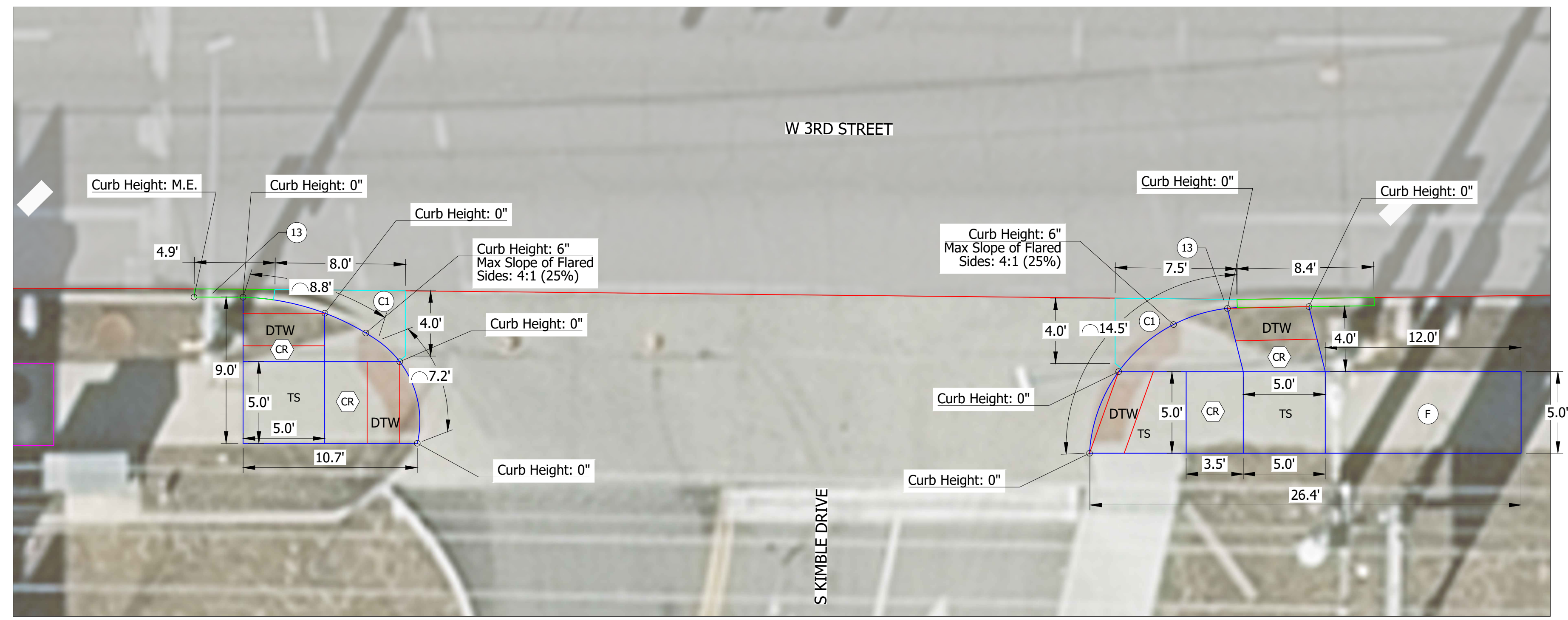
CITY OF BLOOMINGTON
ENGINEERING DEPARTMENT

3RD STREET RESURFACING
PATTERSON DRIVE TO FRANKLIN ROAD
CURB RAMP DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICLE SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	05 of 17
CONTRACT	PROJECT
N/A	3RD STREET RESURFACING



CURB RAMP DETAILS
W 3RD STREET/ S KIMBLE DR INTERSECTION
 Scale: 1"=5'



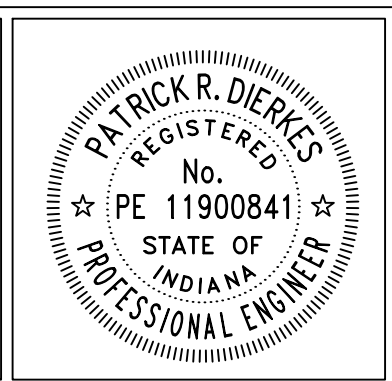
CURB RAMP DETAILS
W 3RD STREET/ S KIMBLE DR INTERSECTION
 Scale: 1"=5'

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PLOTTED: Friday, June 21, 2024, 12:37:44 PM

(C) PCCP for Approaches, 9 In. on Subgrade Treatment, Type II	(M) Milling, Asphalt, 1-1/2 In.	TS Turning Space, 1.50% Ea. Way Desirable, 2.00% Max.
(F) Sidewalk, Concrete, 4 In.	(R) 165 #/syd HMA Surface, Type 3, 64, 9.5 mm	(42) Remove Pavement & Agg. Base, Backfill with B-Borrow & 4" Topsoil, Mulch Seed
(K) Full Depth HMA Pavement 165 #/syd QC-QA HMA, 2, 70, Surface, 9.5 mm on 275 #/syd QC-QA HMA, 2, 70, Intermediate, 19.0 mm on 440 #/syd QC-QA HMA, 2, 64, Base, 25.0 mm on 3 In. Compacted Aggregate, No. 53 Base on Compacted Subgrade	(13) Concrete Curb	DTW Detectable Warning Plate, COB Approved Material List
	(15) Concrete Curb and Gutter, Match Existing or per Plan Dimensions	
	(26) Mulched Seeding, City of Bloomington Mix	
	(CR) Curb Ramp, Concrete	

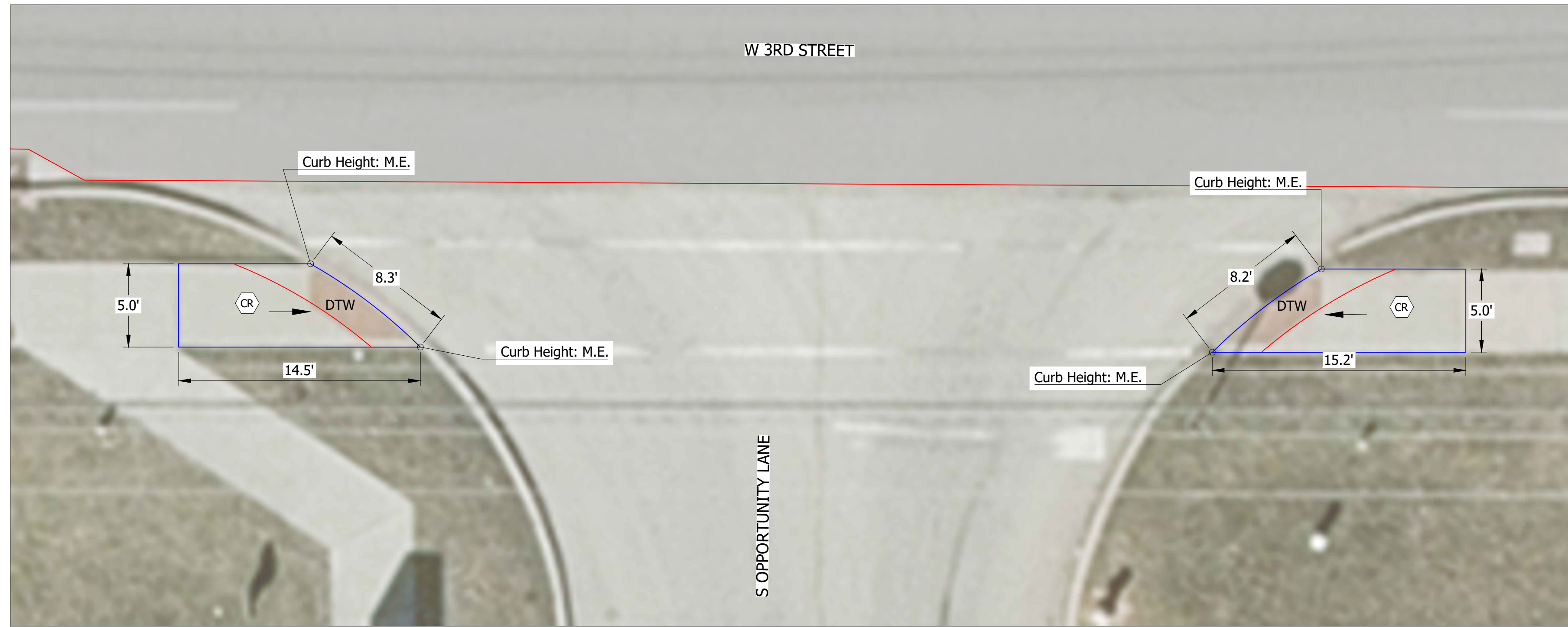


RECOMMENDED FOR APPROVAL	<i>Patrick R. Dierkes</i>	ENGINEER	DATE
DESIGNED: PRD		DRAWN: PRD	
CHECKED: NK		CHECKED:	

CITY OF BLOOMINGTON
ENGINEERING DEPARTMENT

3RD STREET RESURFACING
PATTERSON DRIVE TO FRANKLIN ROAD
CURB RAMP DETAILS

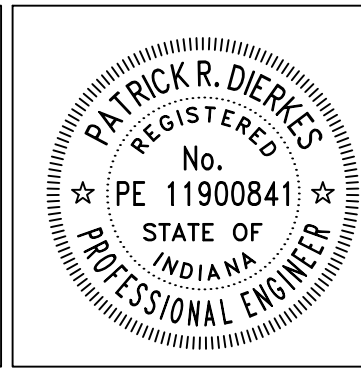
HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICLE SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	06 of 17
CONTRACT	PROJECT
N/A	3RD STREET RESURFACING



CURB RAMP DETAILS
W 3RD STREET/ S OPPORTUNITY LANE INTERSECTION
 Scale: 1"=5'

PLOTTED: Friday, June 21, 2024, 12:37:12 PM

(C) PCCP for Approaches, 9 In. on Subgrade Treatment, Type II	(M) Milling, Asphalt, 1-1/2 In.	TS Turning Space, 1.50% Ea. Way Desirable, 2.00% Max.
(F) Sidewalk, Concrete, 4 In.	(R) 165 #/syd HMA Surface, Type 3, 64, 9.5 mm	(42) Remove Pavement & Agg. Base, Backfill with B-Borrow & 4" Topsoil, Mulch Seed
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	(15) Concrete Curb and Gutter, Match Existing or per Plan Dimensions	
	(26) Mulched Seeding, City of Bloomington Mix	
	(CR) Curb Ramp, Concrete	



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

CITY OF BLOOMINGTON
ENGINEERING DEPARTMENT

3RD STREET RESURFACING
PATTERSON DRIVE TO FRANKLIN ROAD
CURB RAMP DETAILS

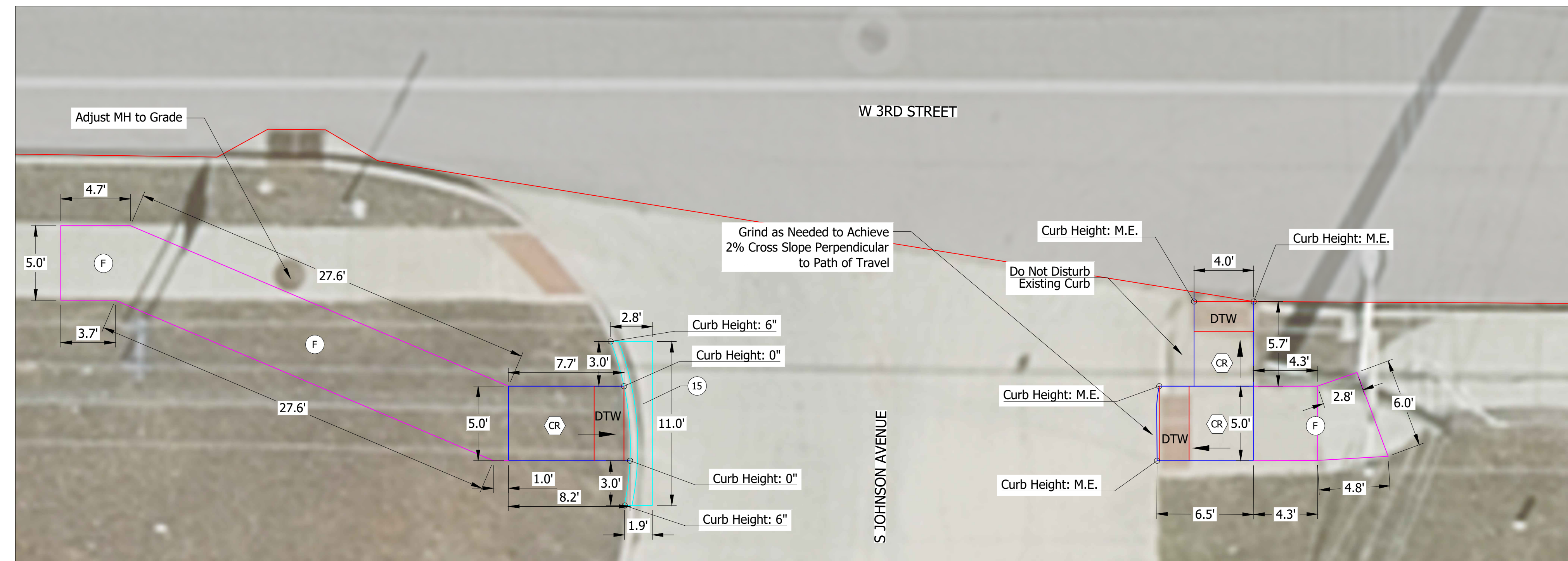
HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICLE SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	07 of 17
CONTRACT	PROJECT
N/A	3RD STREET RESURFACING

Notes:

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CURB RAMP DETAILS
W 3RD STREET/ S JOHNSON AVENUE INTERSECTION
 Scale: 1"=5'



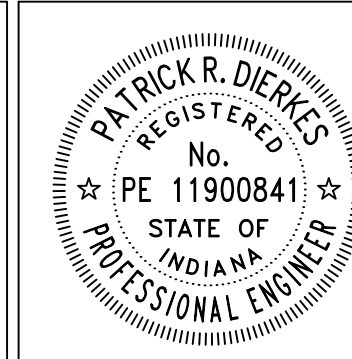
CURB RAMP DETAILS
W 3RD STREET/ S JOHNSON AVENUE INTERSECTION
 Scale: 1"=5'

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PLOTTED: Friday, June 21, 2024 12:48:38 PM

(C) PCCP for Approaches, 9 In. on Subgrade Treatment, Type II	(H) Milling, Asphalt, 1-1/2 In.	TS Turning Space, 1.50% Ea. Way Desirable, 2.00% Max.
(F) Sidewalk, Concrete, 4 In.	(R) 165 #/syd HMA Surface, Type 3, 64, 9.5 mm	(42) Remove Pavement & Agg. Base, Backfill with B-Borrow & 4" Topsoil, Mulch Seed
(K) Full Depth HMA Pavement 165 #/syd QC-QA HMA, 2, 70, Surface, 9.5 mm on 275 #/syd QC-QA HMA, 2, 70, Intermediate, 19.0 mm on 440 #/syd QC-QA HMA, 2, 64, Base, 25.0 mm on 3 In. Compacted Aggregate, No. 53 Base on Compacted Subgrade	(13) Concrete Curb	DTW Detectable Warning Plate, COB Approved Material List
	(15) Concrete Curb and Gutter, Match Existing or per Plan Dimensions	
	(26) Mulched Seeding, City of Bloomington Mix	
	(CR) Curb Ramp, Concrete	

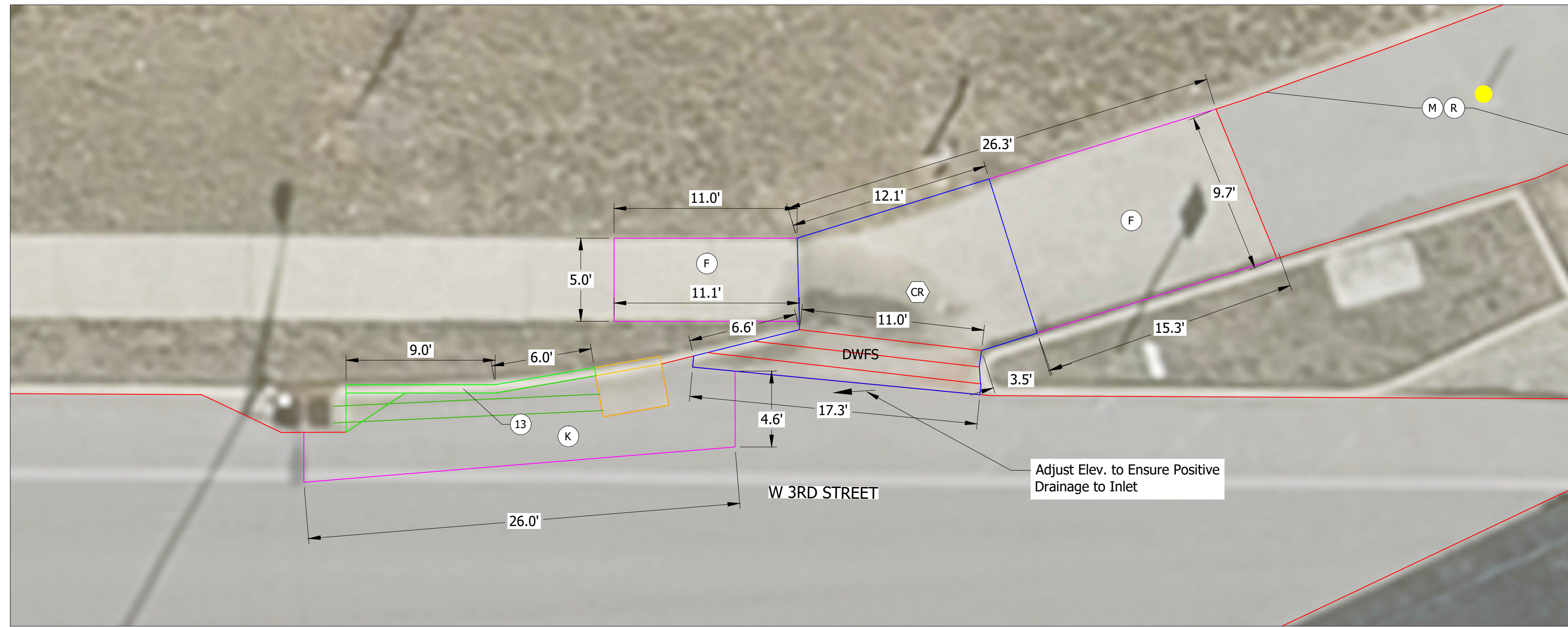


RECOMMENDED FOR APPROVAL	<i>Patrick R. Dierkes</i>	ENGINEER	DATE
DESIGNED: PRD		DRAWN: PRD	
CHECKED: NK		CHECKED:	

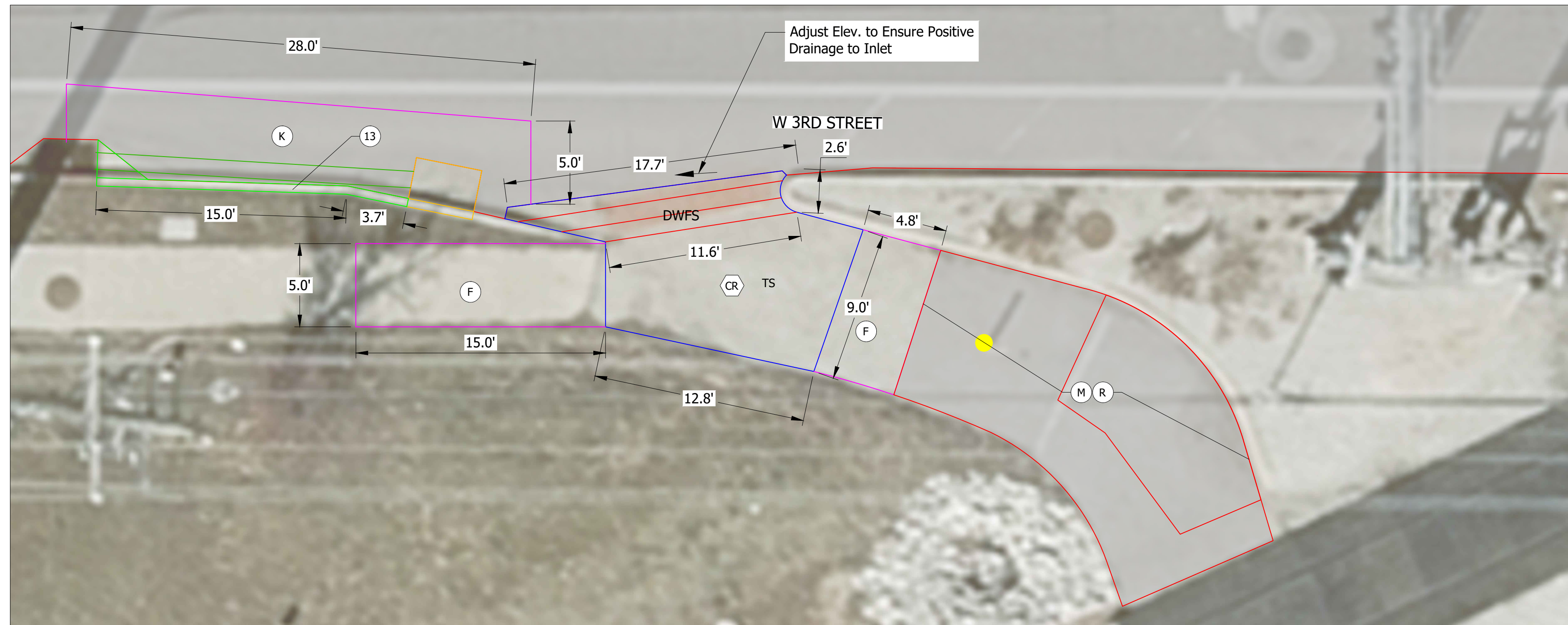
CITY OF BLOOMINGTON
ENGINEERING DEPARTMENT

3RD STREET RESURFACING
PATTERSON DRIVE TO FRANKLIN ROAD
CURB RAMP DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICLE SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	08 of 17
CONTRACT	PROJECT
N/A	3RD STREET RESURFACING



CURB RAMP DETAILS
W 3RD STREET/ STA 30+85
 Scale: 1"=5'



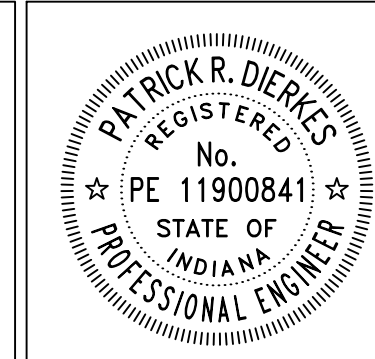
CURB RAMP DETAILS
W 3RD STREET/ STA 30+72
 Scale: 1"=5'

Notes:

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- Curbs at curb ramps shall taper from 0" to 6" in the distance called out on the curb ramp details. Flare slopes in pedestrian circulation routes shall not exceed 10.0%. In non-pedestrian circulation routes flares shall not exceed 25.0%.
- All exposed curb faces shall be finished. Back of curbs in grass areas, item "42", shall be finished as needed to achieve grass slopes of 6:1 max.
- Pavement patching along curb face shall be considered incidental to the cost of curb construction. All patching required shall be full depth PCCP with 1-1/2" of asphalt surface.
- Tree roots impacted during construction shall be sawcut flush.
- All existing valves, manholes, vaults and other facilities shall be adjusted to grade as needed for construction. Contractor shall coordinate as needed with the appropriate utility.
- Meters and sign posts impacted during construction shall be relocated/replaced. Contractor shall provide temporary signage as needed during construction.

PLOTFILE: Friday, June 21, 2024, 2:29:42 PM

(C1) PCCP for Approaches, 9 In. on Subgrade Treatment, Type II	(M) Milling, Asphalt, 1-1/2 In.	TS Turning Space, 1.50% Ea. Way Desirable, 2.00% Max.
(F) Sidewalk, Concrete, 4 In.	(R) 165 #/syd HMA Surface, Type 3, 64, 9.5 mm	(42) Remove Pavement & Agg. Base, Backfill with B-Borrow & 4" Topsoil, Mulch Seed
(K) Full Depth HMA Pavement 165 #/syd QC-QA HMA, 2, 70, Surface, 9.5 mm on 275 #/syd QC-QA HMA, 2, 70, Intermediate, 19.0 mm on 440 #/syd QC-QA HMA, 2, 64, Base, 25.0 mm on 3 In. Compacted Aggregate, No. 53 Base on Compacted Subgrade	(13) Concrete Curb	DTW Detectable Warning Plate, COB Approved Material List
	(15) Concrete Curb and Gutter, Match Existing or per Plan Dimensions	DWFS Directional Wayfinding Strips
	(26) Mulched Seeding, City of Bloomington Mix	
	(CR) Curb Ramp, Concrete	

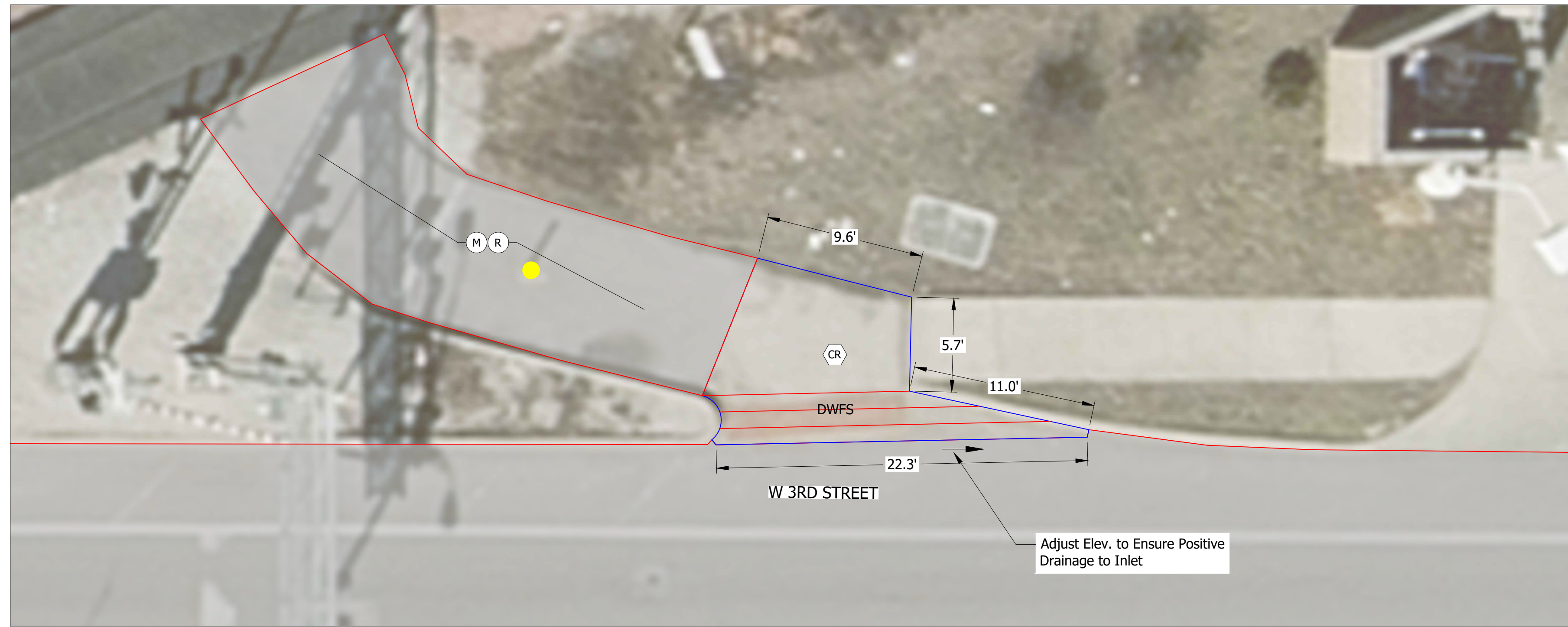


RECOMMENDED FOR APPROVAL	<i>Patrick R. Dierkes</i>	ENGINEER	DATE
DESIGNED: PRD		DRAWN: PRD	
CHECKED: NK		CHECKED:	

CITY OF BLOOMINGTON
ENGINEERING DEPARTMENT

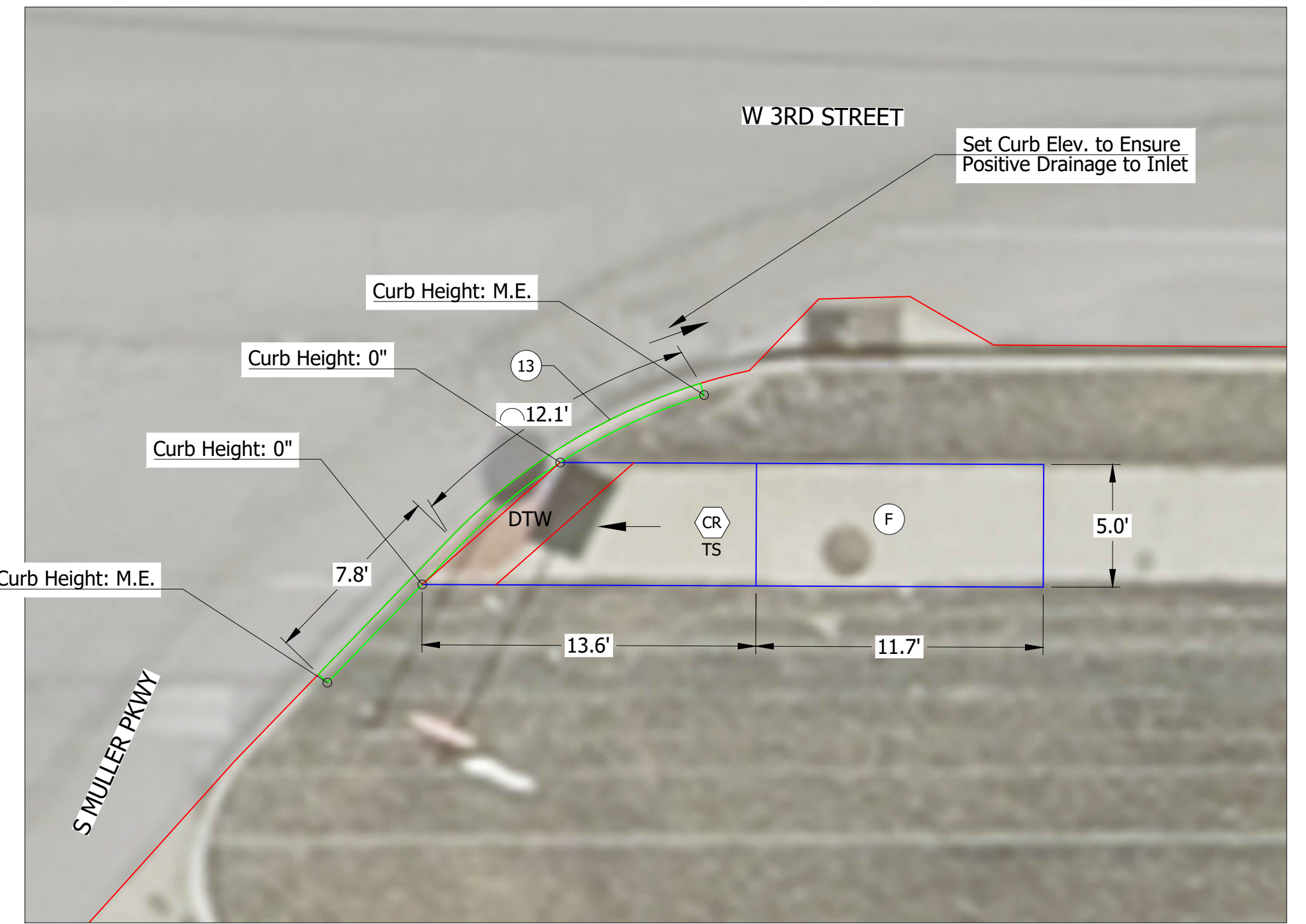
3RD STREET RESURFACING
PATTERSON DRIVE TO FRANKLIN ROAD
CURB RAMP DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICLE SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	09 of 17
CONTRACT	PROJECT
N/A	3RD STREET RESURFACING



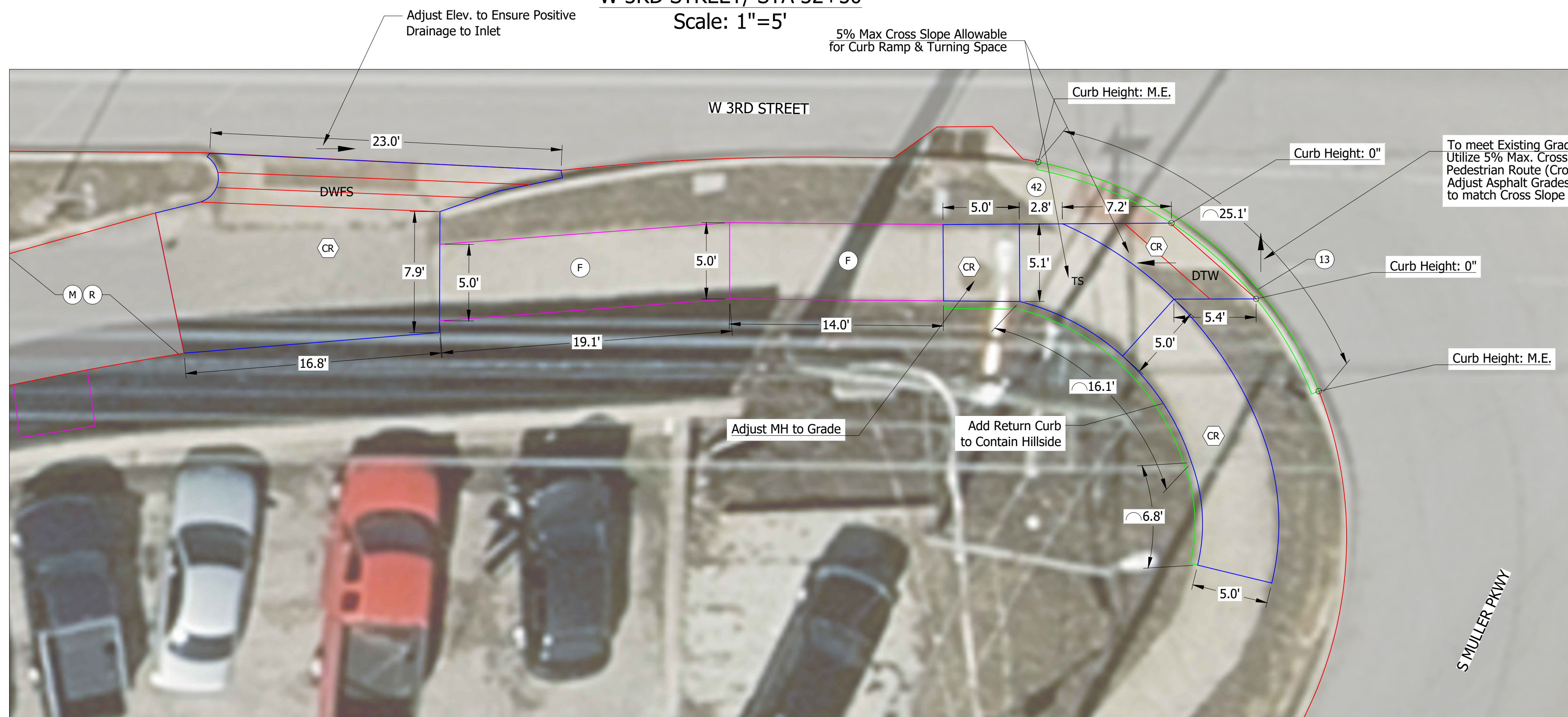
CURB RAMP DETAILS
W 3RD STREET/ STA 32+50

Scale: 1"=5'



CURB RAMP DETAILS
W 3RD STREET/ S MULLER PKWY

Scale: 1"=5'



CURB RAMP DETAILS
W 3RD STREET/ S MULLER PKWY

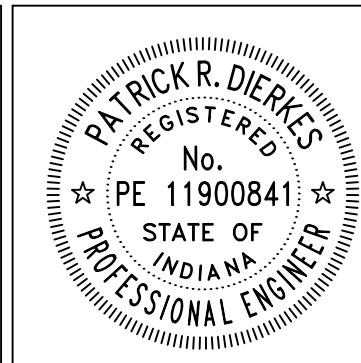
Scale: 1"=5'

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PLOTTED: Friday, June 21, 2024 12:49:10 PM

(C)	PCCP for Approaches, 9 In. on Subgrade Treatment, Type II	(M)	Milling, Asphalt, 1-1/2 In.	TS	Turning Space, 1.50% Ea. Way Desirable, 2.00% Max.
(F)	Sidewalk, Concrete, 4 In.	(R)	165 #/syd HMA Surface, Type 3, 64, 9.5 mm	(42)	Remove Pavement & Agg. Base, Backfill with B-Borrow & 4" Topsoil, Mulch Seed
(K)	Full Depth HMA Pavement 165 #/syd QC-QA HMA, 2, 70, Surface, 9.5 mm on 275 #/syd QC-QA HMA, 2, 70, Intermediate, 19.0 mm on 440 #/syd QC-QA HMA, 2, 64, Base, 25.0 mm on 3 In. Compacted Aggregate, No. 53 Base on Compacted Subgrade	(13)	Concrete Curb	DTW	Detectable Warning Plate, COB Approved Material List
		(15)	Concrete Curb and Gutter, Match Existing or per Plan Dimensions	DWFS	Directional Wayfinding Strips
		(26)	Mulched Seeding, City of Bloomington Mix		
		(CR)	Curb Ramp, Concrete		

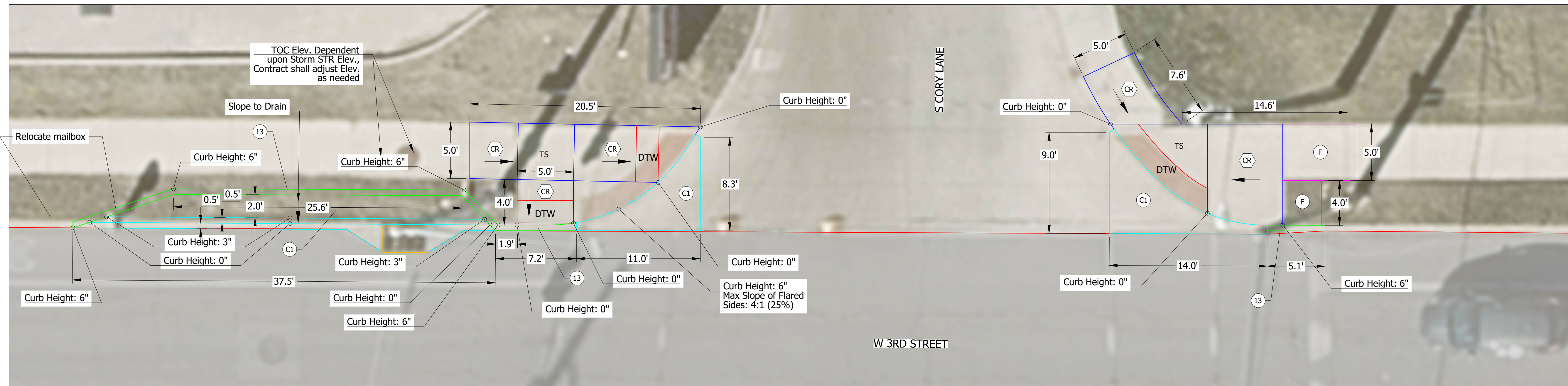


RECOMMENDED FOR APPROVAL	<i>Patrick R. Dierkes</i>	ENGINEER	DATE
DESIGNED: PRD		DRAWN: PRD	
CHECKED: NK		CHECKED:	

CITY OF BLOOMINGTON
ENGINEERING DEPARTMENT

3RD STREET RESURFACING
PATTERSON DRIVE TO FRANKLIN ROAD
CURB RAMP DETAILS

HORIZONTAL SCALE	1" = 5'	BRIDGE FILE	N/A
VERTICLE SCALE	N/A	DESIGNATION	N/A
SURVEY BOOK	N/A	SHEETS	10 of 17
CONTRACT	N/A	PROJECT	3RD STREET RESURFACING



CURB RAMP DETAILS
W 3RD STREET/ S CORY LANE INTERSECTION

Scale: 1"=5'



CURB RAMP DETAILS
W 3RD STREET/ S CORY LANE INTERSECTION

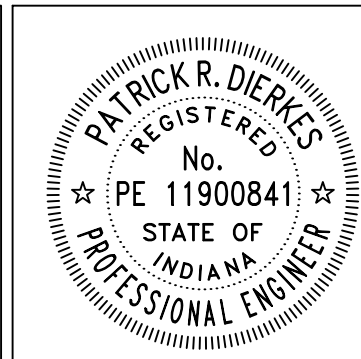
Scale: 1"=5'

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PLOTTED: Friday, June 21, 2024 2:33:34 PM

(C)	PCCP for Approaches, 9 In. on Subgrade Treatment, Type II	(M)	Milling, Asphalt, 1-1/2 In.	TS	Turning Space, 1.50% Ea. Way Desirable, 2.00% Max.
(F)	Sidewalk, Concrete, 4 In.	(R)	165 #/syd HMA Surface, Type 3, 64, 9.5 mm	(42)	Remove Pavement & Agg. Base, Backfill with B-Borrow & 4" Topsoil, Mulch Seed
(K)	Full Depth HMA Pavement 165 #/syd QC-QA HMA, 2, 70, Surface, 9.5 mm on 275 #/syd QC-QA HMA, 2, 70, Intermediate, 19.0 mm on 440 #/syd QC-QA HMA, 2, 64, Base, 25.0 mm on 3 In. Compacted Aggregate, No. 53 Base on Compacted Subgrade	(13)	Concrete Curb	DTW	Detectable Warning Plate, COB Approved Material List
		(15)	Concrete Curb and Gutter, Match Existing or per Plan Dimensions		
		(26)	Mulched Seeding, City of Bloomington Mix		
		(CR)	Curb Ramp, Concrete		

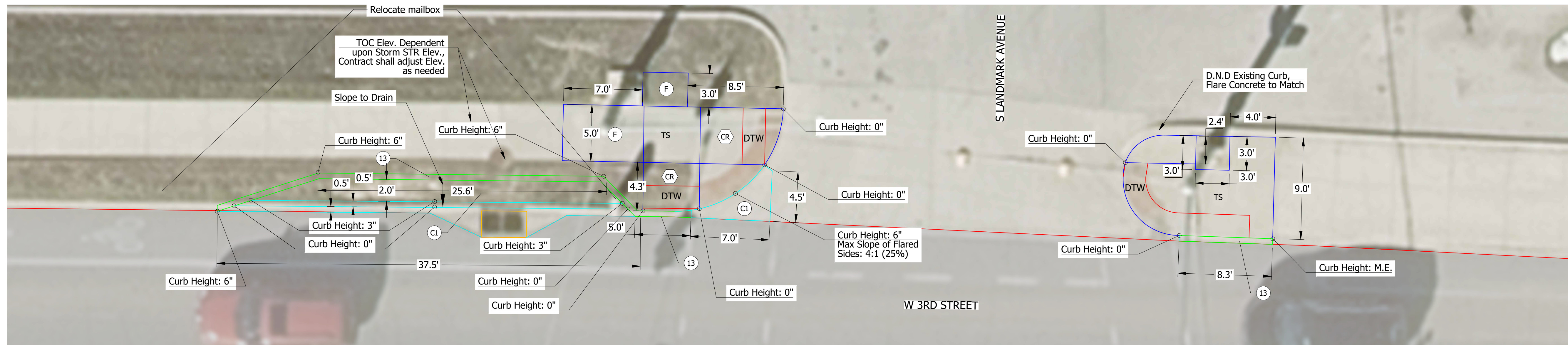


RECOMMENDED FOR APPROVAL	<i>Patrick R. Dierkes</i>	ENGINEER	DATE
DESIGNED: PRD		DRAWN: PRD	
CHECKED: NK		CHECKED:	

CITY OF BLOOMINGTON
ENGINEERING DEPARTMENT

3RD STREET RESURFACING
PATTERSON DRIVE TO FRANKLIN ROAD
CURB RAMP DETAILS

HORIZONTAL SCALE	1" = 5'	BRIDGE FILE	N/A
VERTICLE SCALE	N/A	DESIGNATION	N/A
SURVEY BOOK	N/A	SHEETS	11 of 17
CONTRACT	N/A	PROJECT	3RD STREET RESURFACING



CURB RAMP DETAILS
W 3RD STREET/ S LANDMARK AVE INTERSECTION

Scale: 1"=5'



CURB RAMP DETAILS
W 3RD STREET/ S LANDMARK AVE INTERSECTION

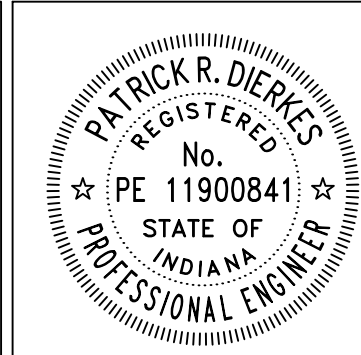
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Notes:

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PLOTTED: Friday, June 21, 2024 2:34:41 PM

(C)	PCCP for Approaches, 9 In. on Subgrade Treatment, Type II	(H)	Milling, Asphalt, 1-1/2 In.	TS	Turning Space, 1.50% Ea. Way Desirable, 2.00% Max.
(F)	Sidewalk, Concrete, 4 In.	(R)	165 #/syd HMA Surface, Type 3, 64, 9.5 mm	(42)	Remove Pavement & Agg. Base, Backfill with B-Borrow & 4" Topsoil, Mulch Seed
(K)	Full Depth HMA Pavement 165 #/syd QC-QA HMA, 2, 70, Surface, 9.5 mm on 275 #/syd QC-QA HMA, 2, 70, Intermediate, 19.0 mm on 440 #/syd QC-QA HMA, 2, 64, Base, 25.0 mm on 3 In. Compacted Aggregate, No. 53 Base on Compacted Subgrade	(13)	Concrete Curb	DTW	Detectable Warning Plate, COB Approved Material List
		(15)	Concrete Curb and Gutter, Match Existing or per Plan Dimensions		
		(26)	Mulched Seeding, City of Bloomington Mix		
		(CR)	Curb Ramp, Concrete		

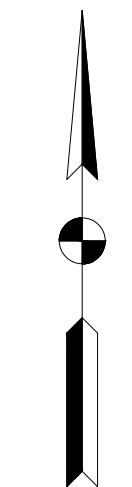
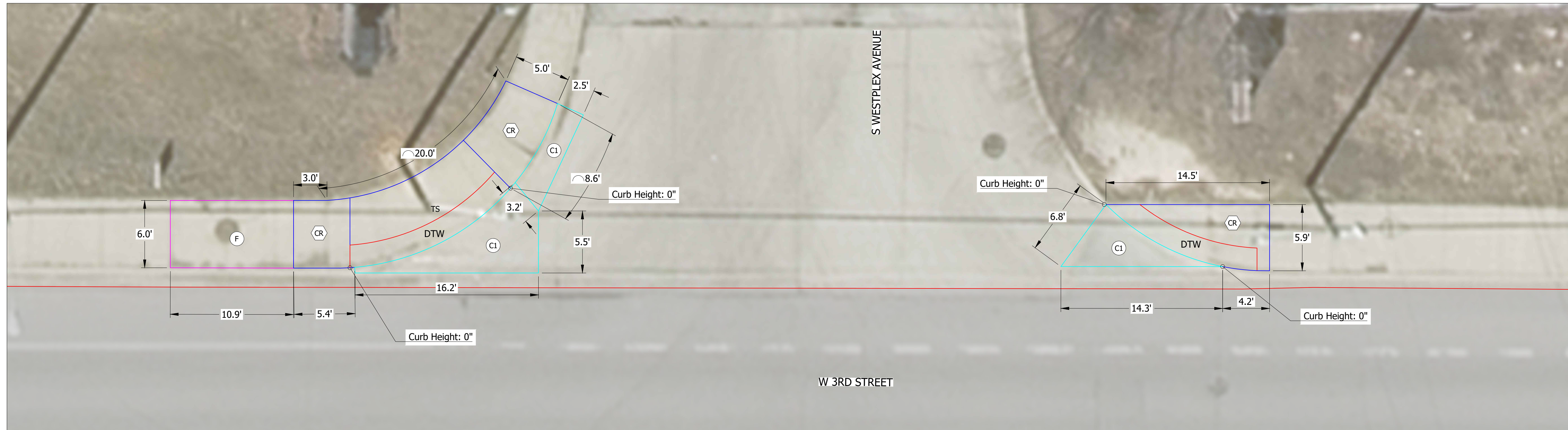


RECOMMENDED FOR APPROVAL	<i>Patrick R. Dierkes</i>	ENGINEER	DATE
DESIGNED: PRD		DRAWN: PRD	
CHECKED: NK		CHECKED:	

CITY OF BLOOMINGTON
ENGINEERING DEPARTMENT

3RD STREET RESURFACING
PATTERSON DRIVE TO FRANKLIN ROAD
CURB RAMP DETAILS

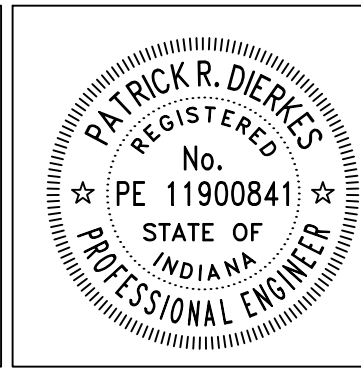
HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICAL SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	12 of 17
CONTRACT	PROJECT
N/A	3RD STREET RESURFACING



CURB RAMP DETAILS
W 3RD STREET/ S WESTPLEX AVENUE INTERSECTION
 Scale: 1"=5'

PLOTTED: Friday, June 21, 2024, 12:39:15 PM

(C) PCCP for Approaches, 9 In. on Subgrade Treatment, Type II	(H) Milling, Asphalt, 1-1/2 In.	TS Turning Space, 1.50% Ea. Way Desirable, 2.00% Max.
(F) Sidewalk, Concrete, 4 In.	(R) 165 #/syd HMA Surface, Type 3, 64, 9.5 mm	(42) Remove Pavement & Agg. Base, Backfill with B-Borrow & 4" Topsoil, Mulch Seed
(K) Full Depth HMA Pavement 165 #/syd QC-QA HMA, 2, 70, Surface, 9.5 mm on 275 #/syd QC-QA HMA, 2, 70, Intermediate, 19.0 mm on 440 #/syd QC-QA HMA, 2, 64, Base, 25.0 mm on 3 In. Compacted Aggregate, No. 53 Base on Compacted Subgrade	(13) Concrete Curb	DTW Detectable Warning Plate, COB Approved Material List
	(15) Concrete Curb and Gutter, Match Existing or per Plan Dimensions	
	(26) Mulched Seeding, City of Bloomington Mix	
	(CR) Curb Ramp, Concrete	



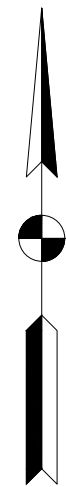
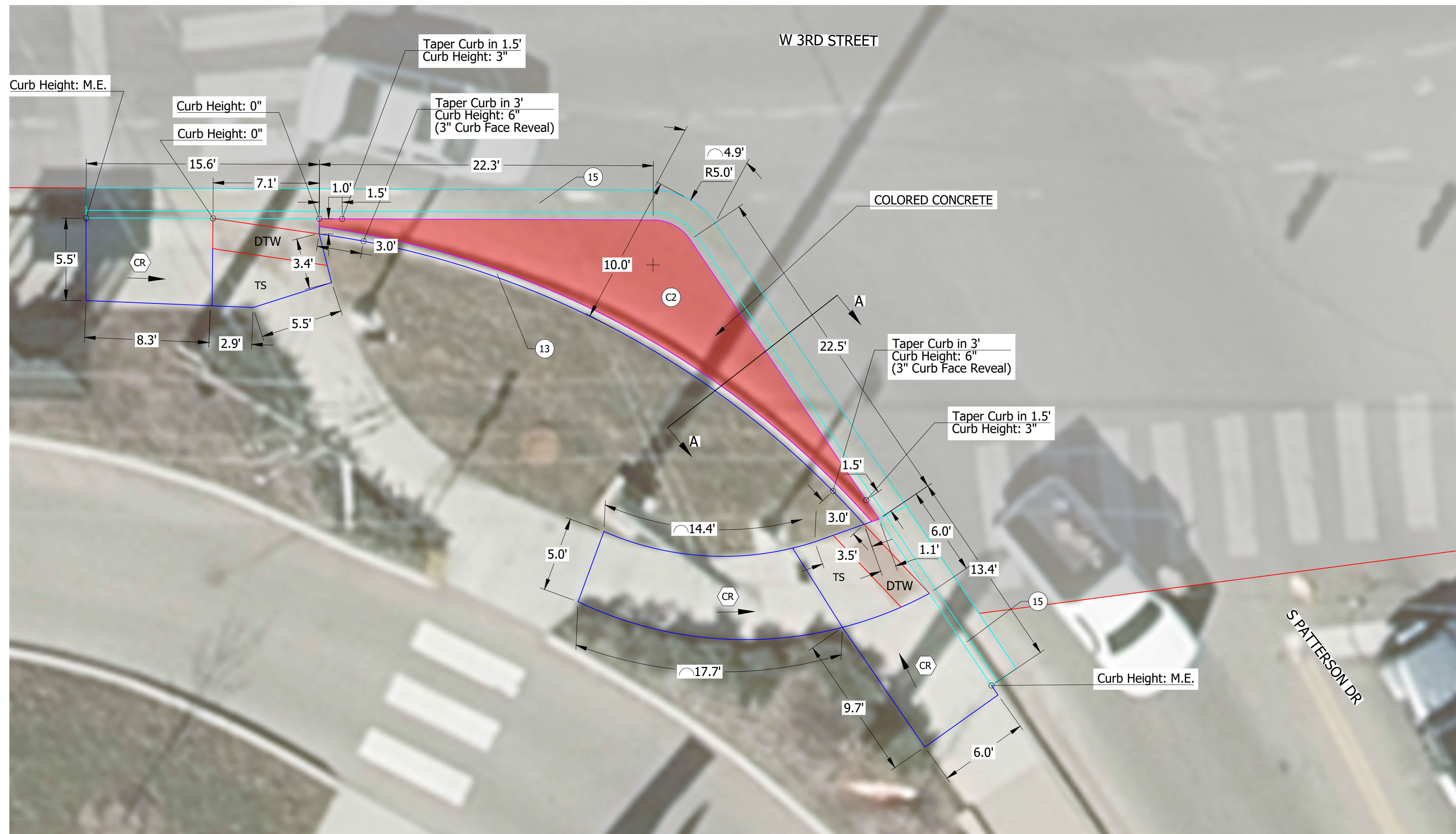
RECOMMENDED FOR APPROVAL	<i>Patrick R. Dierkes</i>	ENGINEER	DATE
DESIGNED: PRD		DRAWN: PRD	
CHECKED: NK		CHECKED:	

CITY OF BLOOMINGTON
ENGINEERING DEPARTMENT

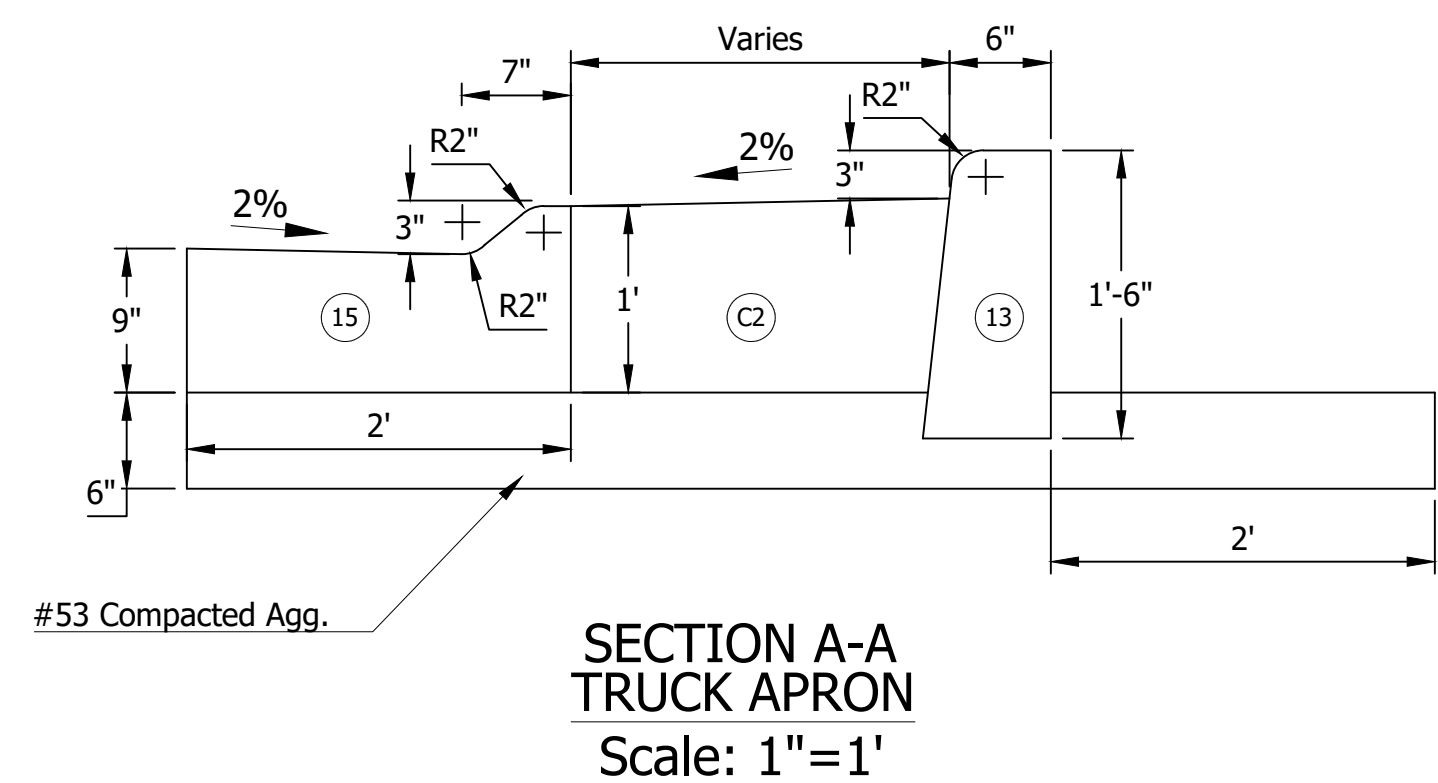
3RD STREET RESURFACING
PATTERSON DRIVE TO FRANKLIN ROAD
CURB RAMP DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICLE SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	13 of 17
CONTRACT	PROJECT
N/A	3RD STREET RESURFACING

- Notes:
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CURB RAMP DETAILS
W 3RD STREET/ S PATTERSON DR INTERSECTION
 Scale: 1"=5'



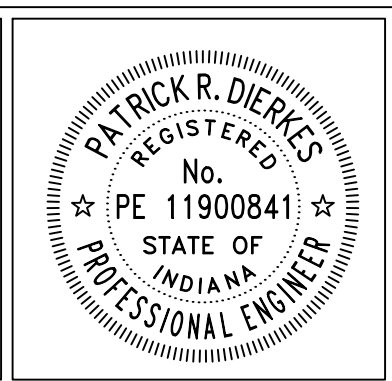
SECTION A-A
TRUCK APRON
 Scale: 1"=1'

Notes:

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PLOTFILE: Friday, June 21, 2024, 12:52:12 PM

(C) PCCP for Approaches, 9 In. on Subgrade Treatment, Type II	(H) Milling, Asphalt, 1-1/2 In.	TS Turning Space, 1.50% Ea. Way Desirable, 2.00% Max.
(F) Sidewalk, Concrete, 4 In.	(R) 165 #/syd HMA Surface, Type 3, 64, 9.5 mm	(42) Remove Pavement & Agg. Base, Backfill with B-Borrow & 4" Topsoil, Mulch Seed
(K) Full Depth HMA Pavement 165 #/syd QC-QA HMA, 2, 70, Surface, 9.5 mm on 275 #/syd QC-QA HMA, 2, 70, Intermediate, 19.0 mm on 440 #/syd QC-QA HMA, 2, 64, Base, 25.0 mm on 3 In. Compacted Aggregate, No. 53 Base on Compacted Subgrade	(13) Concrete Curb	DTW Detectable Warning Plate, COB Approved Material List
	(15) Concrete Curb and Gutter, Match Existing or per Plan Dimensions	(C2) PCCP (Colored) for Approaches, 12 In. on Subgrade Treatment, Type II
	(26) Mulched Seeding, City of Bloomington Mix	
	(CR) Curb Ramp, Concrete	

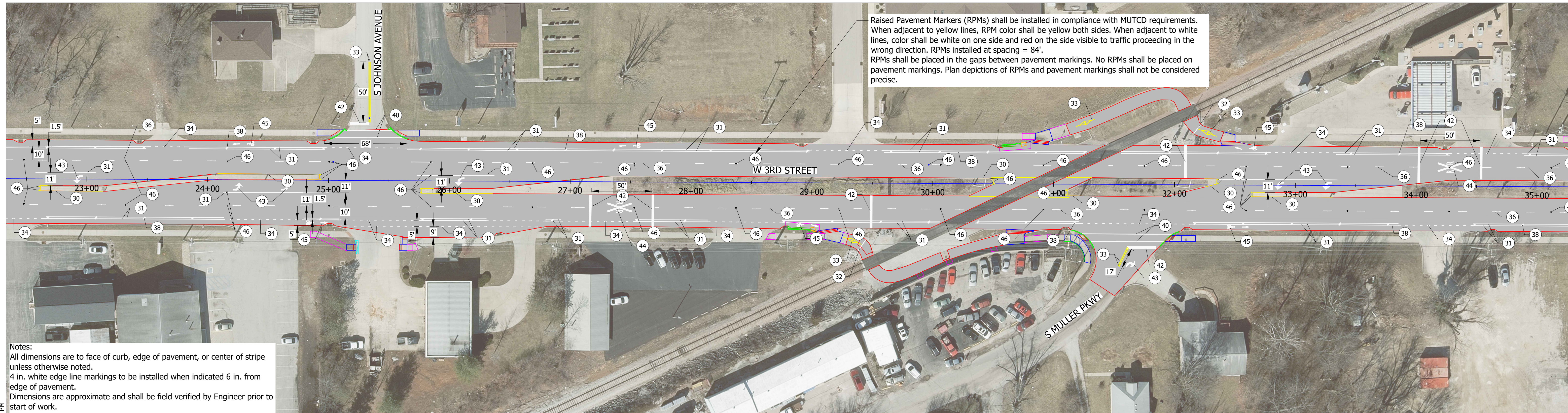
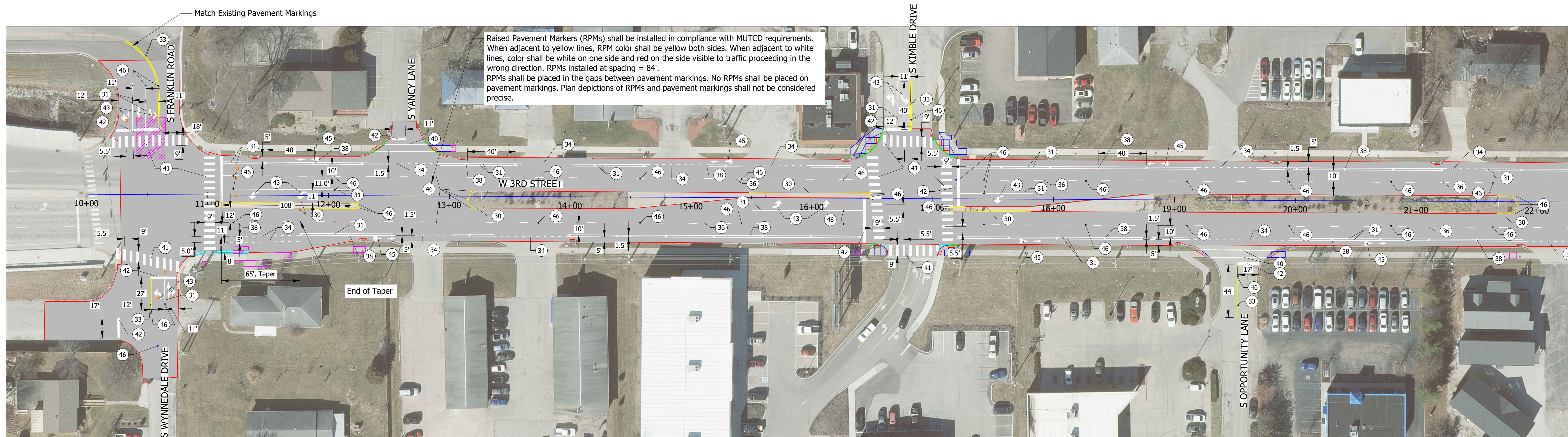


RECOMMENDED FOR APPROVAL	<i>Patrick R. Dierkes</i>	ENGINEER	DATE
DESIGNED: PRD		DRAWN: PRD	
CHECKED: NK		CHECKED:	

CITY OF BLOOMINGTON
ENGINEERING DEPARTMENT

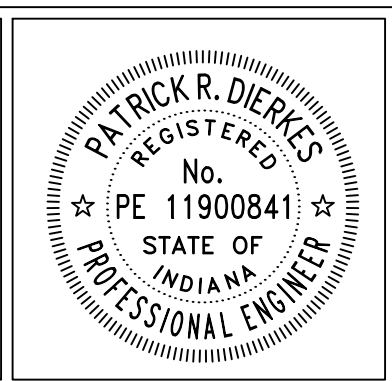
3RD STREET RESURFACING
PATTERSON DRIVE TO FRANKLIN ROAD
CURB RAMP DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICLE SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	14 of 17
CONTRACT	PROJECT
N/A	3RD STREET RESURFACING



Notes:
 All dimensions are to face of curb, edge of pavement, or center of stripe unless otherwise noted.
 4 in. white edge line markings to be installed when indicated 6 in. from edge of pavement.
 Dimensions are approximate and shall be field verified by Engineer prior to start of work.
 Raised pavement markers (RPMs) shall be snowplowable.

- 30 Curb, Painting, Yellow
- 31 Line, Thermoplastic, Solid, White, 4 in.
- 32 Line, Thermoplastic, Solid, White, 6 in.
- 33 Line, Thermoplastic, Solid, Yellow, 4 in.
- 34 Line, Thermoplastic, Dotted, White, 4 in. (2' Solid, 4' Gap)
- 35 Line, Thermoplastic, Dotted, Yellow, 4 in. (2' Solid, 4' Gap)
- 36 Line, Thermoplastic, Broken, White, 4 in. (7' Solid, 21' Gap)
- 37 Line, Thermoplastic, Broken, Yellow, 4 in. (7' Solid, 21' Gap)
- 38 Transverse Marking, Thermoplastic, Crosshatch Line, White, 12 in. (45 Deg. Angle, 40' Spacing)
- 39 Transverse Marking, Thermoplastic, Crosshatch Line, Yellow, 12 in. (45 Deg. Angle, 30' Spacing)
- 40 Transverse Marking, Thermoplastic, Crosswalk Line, White, 6 in.
- 41 Transverse Markings, Thermoplastic, Crosswalk Line, White, 24 in., Spacing as Dimensioned
- 42 Transverse Markings as Dimensioned, Thermoplastic, Stop Line, 24 in.
- 43 Pavement Message Marking, Thermoplastic Lane Indication Arrow
- 44 Pavement Message Marking, Thermoplastic RXR R X R
- 45 Pavement Message Marking, Thermoplastic, Bicycle Lane Marking
- 46 Snowplowable Raised Pavement Marker
- 47 Line, Thermoplastic, Dotted, White, 6 in. (2' Solid, 4' Gap)



RECOMMENDED FOR APPROVAL: *Patrick R. Dierkes* ENGINEER DATE

DESIGNED: PRD DRAWN: PRD

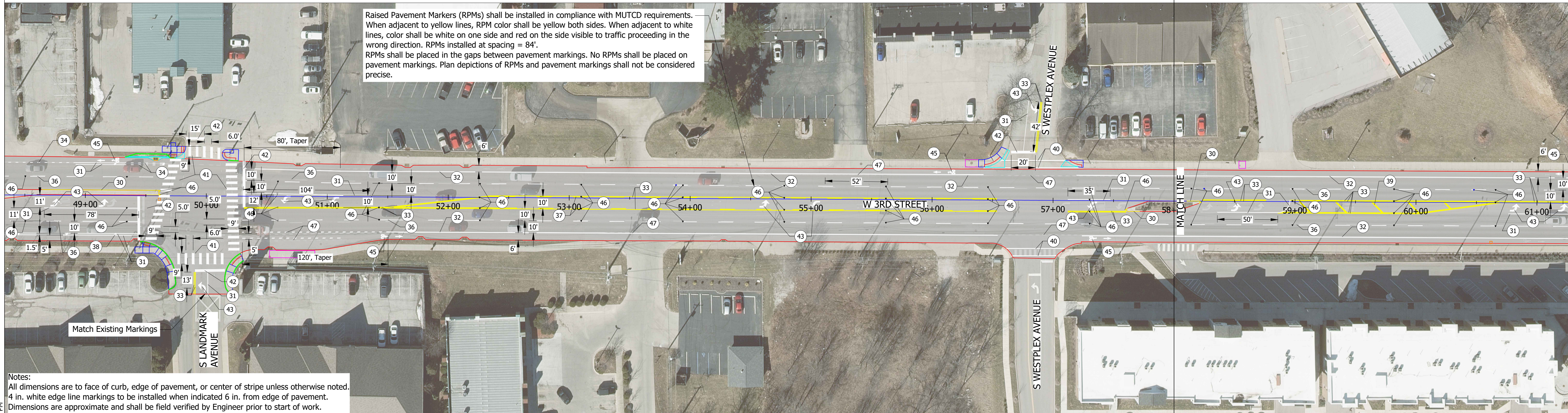
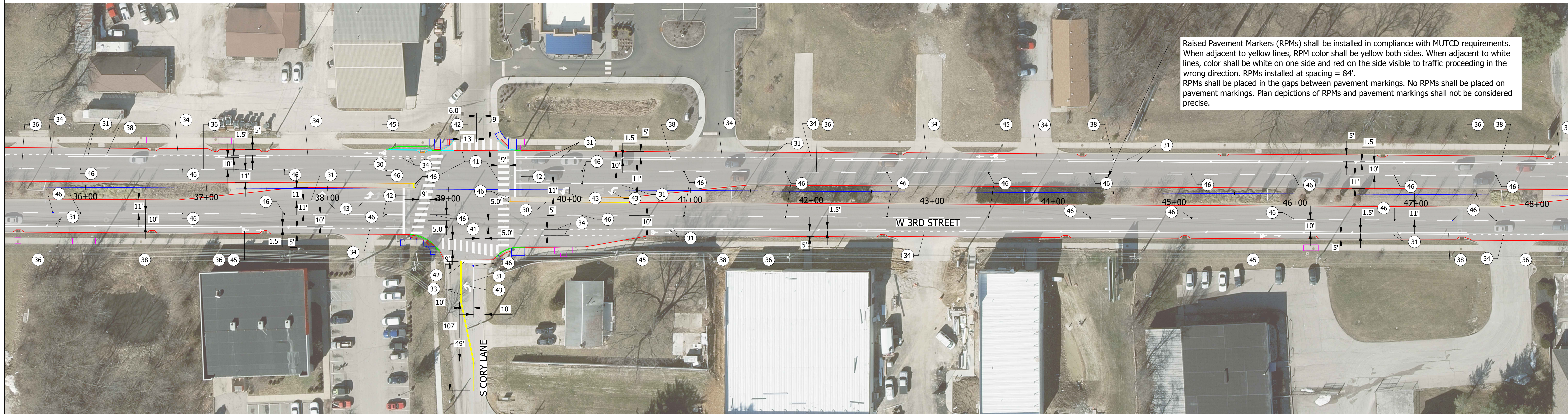
CHECKED: NK CHECKED:

**CITY OF BLOOMINGTON
 ENGINEERING DEPARTMENT**

**3RD STREET RESURFACING
 PATTERSON DRIVE TO FRANKLIN ROAD
 PAVEMENT MARKINGS**

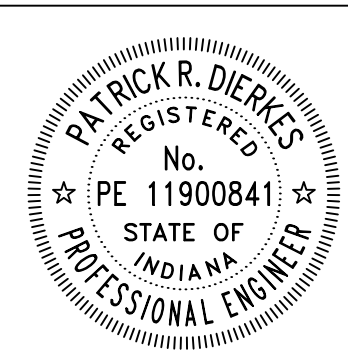
HORIZONTAL SCALE 1" = 40'	BRIDGE FILE N/A
VERTICLE SCALE N/A	DESIGNATION N/A
SURVEY BOOK N/A	SHEETS 15 of 17
CONTRACT N/A	PROJECT 3RD STREET RESURFACING

PLOTTED: Friday, June 21, 2024 2:46:07 PM



Notes:
 All dimensions are to face of curb, edge of pavement, or center of stripe unless otherwise noted.
 4 in. white edge line markings to be installed when indicated 6 in. from edge of pavement.
 Dimensions are approximate and shall be field verified by Engineer prior to start of work.
 Raised pavement markers (RPMs) shall be snowplowable.

- | | | | | | | | |
|----|---|----|---|----|---|----|--|
| 30 | Curb, Painting, Yellow | 36 | Line, Thermoplastic, Broken, White, 4 in. (7' Solid, 21' Gap) | 41 | Transverse Markings, Thermoplastic, Crosswalk Line, White, 24 in., Spacing as Dimensioned | 46 | Snowplowable Raised Pavement Marker |
| 31 | Line, Thermoplastic, Solid, White, 4 in. | 37 | Line, Thermoplastic, Broken, Yellow, 4 in. (7' Solid, 21' Gap) | 42 | Transverse Markings, Thermoplastic, Stop Line, 24 in. | 47 | Line, Thermoplastic, Dotted, White, 4 in. (2' Solid, 4' Gap) |
| 32 | Line, Thermoplastic, Solid, White, 6 in. | 38 | Transverse Marking, Thermoplastic, Crosshatch Line, White, 12 in. (45 Deg. Angle, 40' Spacing) | 43 | Pavement Message Marking, Thermoplastic Lane Indication Arrow | | |
| 33 | Line, Thermoplastic, Solid, Yellow, 4 in. | 39 | Transverse Marking, Thermoplastic, Crosshatch Line, Yellow, 12 in. (45 Deg. Angle, 30' Spacing) | 44 | Pavement Message Marking, Thermoplastic RXR R X R | | |
| 34 | Line, Thermoplastic, Dotted, White, 4 in. (2' Solid, 4' Gap) | 40 | Transverse Marking, Thermoplastic, Crosswalk Line, White, 6 in. | 45 | Pavement Message Marking, Thermoplastic, Bicycle Lane Marking | | |
| 35 | Line, Thermoplastic, Dotted, Yellow, 4 in. (2' Solid, 4' Gap) | | | | | | |

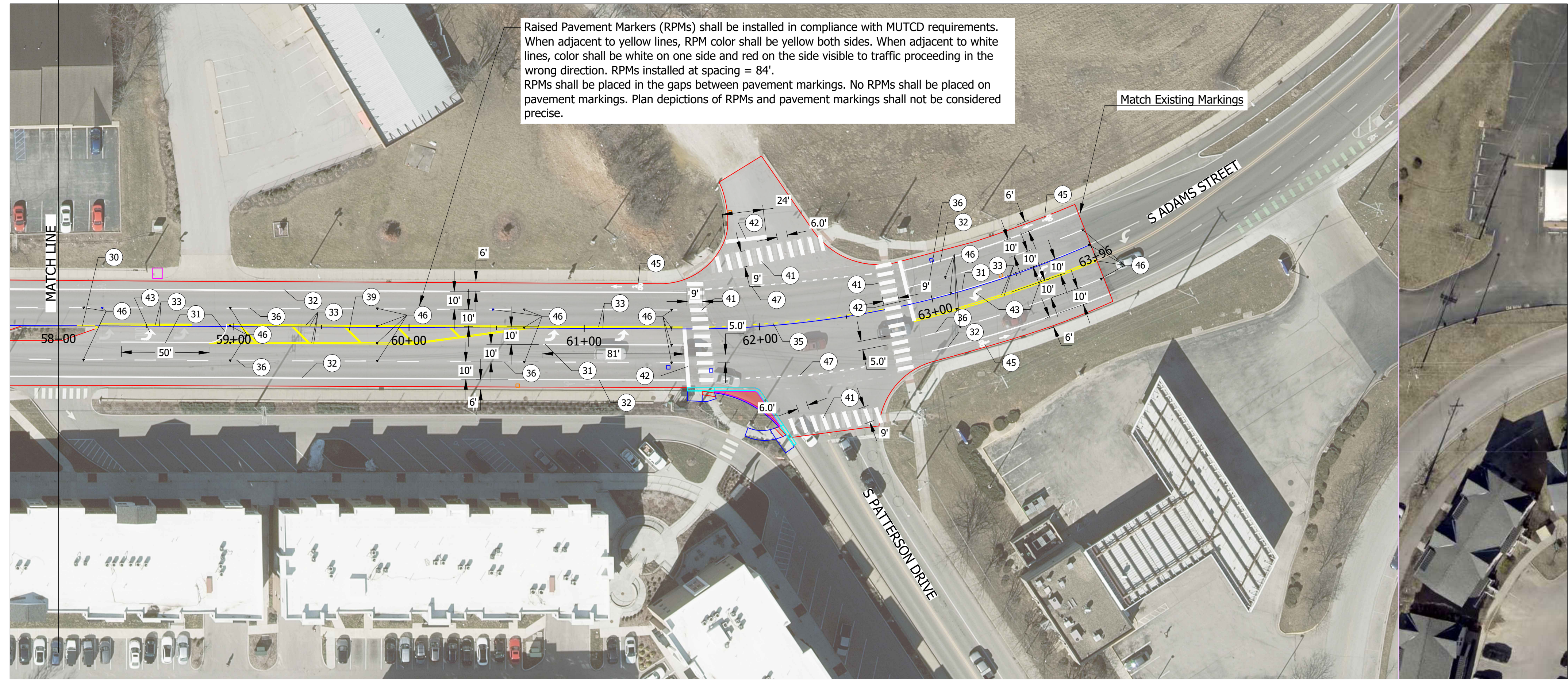


RECOMMENDED FOR APPROVAL: *Patrick R. Dierkes* ENGINEER DATE: _____
 DESIGNED: PRD DRAWN: PRD
 CHECKED: NK CHECKED: _____

CITY OF BLOOMINGTON
ENGINEERING DEPARTMENT
 3RD STREET RESURFACING
 PATTERSON DRIVE TO FRANKLIN ROAD
 PAVEMENT MARKINGS

HORIZONTAL SCALE	BRIDGE FILE
1" = 40'	N/A
VERTICLE SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	16 of 17
CONTRACT	PROJECT
N/A	3RD STREET RESURFACING

PLOTTED: Friday, June 21, 2024 2:50:49 PM



Notes:
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 4 in. white edge line markings to be installed when indicated 6 in. from edge of pavement.
 Dimensions are approximate and shall be field verified by Engineer prior to start of work.
 Raised pavement markers (RPMs) shall be snowplowable.

30	Curb, Painting, Yellow	36	Line, Thermoplastic, Broken, White, 4 in. (7' Solid, 21' Gap)	41	Transverse Markings, Thermoplastic, Crosswalk Line, White, 24 in., Spacing as Dimensioned	46	Snowplowable Raised Pavement Marker
31	Line, Thermoplastic, Solid, White, 4 in.	37	Line, Thermoplastic, Broken, Yellow, 4 in. (7' Solid, 21' Gap)	42	Transverse Markings, Thermoplastic, Stop Line, 24 in.	47	Line, Thermoplastic, Dotted, White, 6 in. (2' Solid, 4' Gap)
32	Line, Thermoplastic, Solid, White, 6 in.	38	Transverse Marking, Thermoplastic, Crosshatch Line, White, 12 in. (45 Deg. Angle, 40' Spacing)	43	Pavement Message Marking, Thermoplastic Lane Indication Arrow		
33	Line, Thermoplastic, Solid, Yellow, 4 in.	39	Transverse Marking, Thermoplastic, Crosshatch Line, Yellow, 12 in. (45 Deg. Angle, 30' Spacing)	44	Pavement Message Marking, Thermoplastic RXR R X R		
34	Line, Thermoplastic, Dotted, White, 4 in. (2' Solid, 4' Gap)	40	Transverse Marking, Thermoplastic, Crosswalk Line, White, 6 in.	45	Pavement Message Marking, Thermoplastic, Bicycle Lane Marking		
35	Line, Thermoplastic, Dotted, Yellow, 4 in. (2' Solid, 4' Gap)						



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

**CITY OF BLOOMINGTON
 ENGINEERING DEPARTMENT**

3RD STREET RESURFACING
 PATTERSON DRIVE TO FRANKLIN ROAD
 PAVEMENT MARKINGS

HORIZONTAL SCALE	1" = 40'	BRIDGE FILE	N/A
VERTICLE SCALE	N/A	DESIGNATION	N/A
SURVEY BOOK	N/A	SHEETS	17 of 17
CONTRACT	N/A	PROJECT	3RD STREET RESURFACING

PLOTTED: Friday, June 21, 2024, 2:52:28 PM