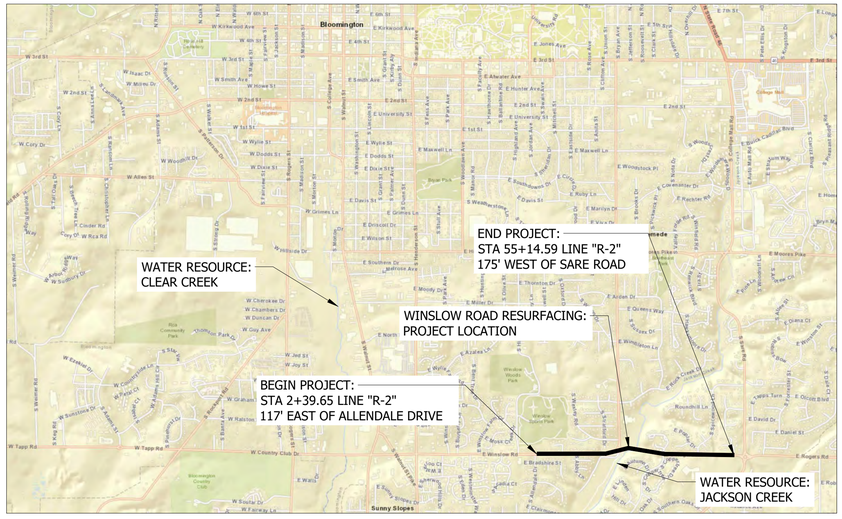
CITY OF BLOOMINGTON
EAST WINSLOW ROAD RESURFACING
ALLENDALE DRIVE TO SARE ROAD

ROUTES: EAST WINSLOW ROAD, STARTING AT THE EXISTING PAVING BREAK 117 FEET EAST OF THE ALLENDALE DRIVE AND WINSLOW ROAD INTERSECTION TO EXISTING PAVING BREAK 175 FEET WEST OF THE SARE ROAD AND WINSLOW ROAD INTERSECTION
WINSLOW ROAD IS THE SOUTH SECTION LINE OF SECTION 10 & 11, T-8-N, R-1-W,
BLOOMINGTON TOWNSHIP, MONROE COUNTY, INDIANA
MILLING, HMA PAVEMENT, SIDEWALK, CURB RAMP AND PAVEMENT MARKING REPLACEMENT



1"= 2000'

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 Adhesive (S906, a, 5) shall be used 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", "18" 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 #53 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 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.

See detailed maintenance of traffic plan for construction activities at the roundabout at the Winslow/Rogers/High intersection.

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 OR TRANSPORTATION STANDARD SPECIFICATIONS DATED 2024 AND CURRENT SUPPLEMENTS THERETO, TO BE USED WITH THESE PLANS.

PATRICK R. DIERKES REGISTERED No. PE 11900841 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL _____ ENGINEER 11/20/2024 DATE

DESIGNED: PRD | DRAWN: PRD | CHECKED: NK | CHECKED:

CITY OF BLOOMINGTON
ENGINEERING DEPARTMENT

EAST WINSLOW ROAD RESURFACING
ALLENDALE DRIVE TO SARE ROAD

HORIZONTAL SCALE	BRIDGE FILE
N.T.S.	N/A
VERTICLE SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	1 of 26
CONTRACT	PROJECT
N/A	WINSLOW RESURFACING

PLOTTED: Wednesday, November 20, 2024 5:48:54 AM

FILE: WINSLOW_ALLENDALETOSARE_RESURFACING_COVER SHEET.DWG

(K) Full Depth HMA Pavement
165 #/syd HMA Surface, Type B, 64, 9.5 mm on
275 #/syd HMA Intermediate, Type B, 19.0 mm on
550 #/syd HMA Base, Type B, 25.0 mm on
6 In. #53 Compacted Agg. on
Geogrid, Type IB

(16) Curb, Concrete, Modified

(17) Curb & Gutter, Turnout Concrete

Notes:
See details sheet for multiuse path section and raingarden details.

(M)	Milling, Asphalt, 1-1/2 in.	(CR)	Curb Ramp, Concrete	TS	Turning Space, 1.50% Ea. Way Desirable, 2.00% Max.
(R)	165 #/syd HMA Surface, Type 3, 64, 9.5 mm	(13)	Concrete Curb	(42)	Remove Pavement & Agg. Base, Backfill with B-Borrow & 4" Topsoil, Mulch Seed
(F)	Sidewalk, Concrete, 4 In. on 4 In. #53 Compacted Agg.	(15)	Concrete Curb and Gutter, Modified	(C)	PCCP , 12 In., Colored Red on 6 In. #53 Compacted Agg. on Geogrid, Type IB
(F1)	165 #/syd MHA Surface, Type B, on 220 #/syd HMA Intermediate, Type B, on 6 In. #53 Compacted Agg.	(18)	Center Curb, D Concrete	(C1)	PCCP , 6 In., Colored Brown on 6 In. #53 Compacted Agg.
		(P)	Patch, 165 #/syd HMA Surface, ON PCCP, 9 In.		

PATRICK R. DIERKES REGISTERED No. PE 11900841 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL
ENGINEER
11/20/2024
DATE

DESIGNED: PRD
DRAWN: PRD
CHECKED: NK
CHECKED:

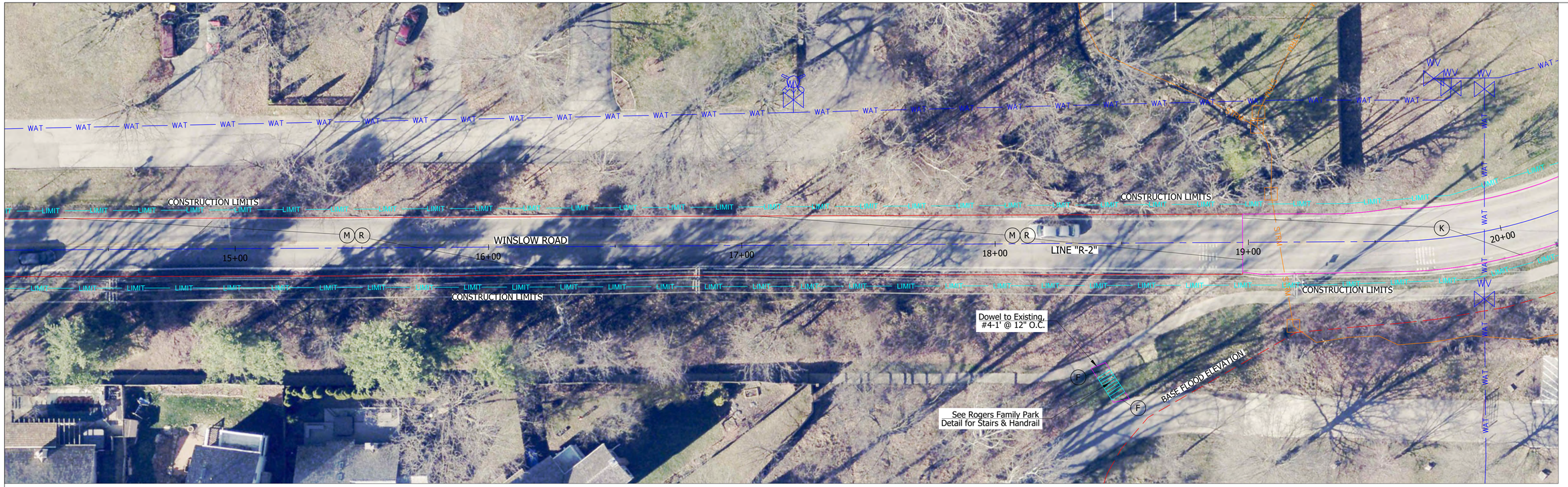
CITY OF BLOOMINGTON ENGINEERING DEPARTMENT

EAST WINSLOW ROAD RESURFACING PLAN VIEW STA 2+39.65 to STA 14+08.84 LINE "R-2"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICLE SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	2 of 26
CONTRACT	PROJECT
N/A	WINSLOW RESURFACING

PLOTTED: Wednesday, November 20, 2024 6:20:32 AM

FILE: WINSLOW&HIGH_PLAN_SHEET_01.DWG



(K) Full Depth HMA Pavement
165 #/syd HMA Surface, Type B, 64, 9.5 mm on
275 #/syd HMA Intermediate, Type B, 19.0 mm on
550 #/syd HMA Base, Type B, 25.0 mm on
6 In. #53 Compacted Agg. on
Geogrid, Type IB

(16) Curb, Concrete, Modified

(17) Curb & Gutter, Turnout Concrete

(M) Milling, Asphalt, 1-1/2 in.

(R) 165 #/syd HMA Surface, Type 3, 64, 9.5 mm

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

(F1) 165 #/syd MHA Surface, Type B, on 220 #/syd HMA Intermediate, Type B, on 6 In. #53 Compacted Agg.

(CR) Curb Ramp, Concrete

(13) Concrete Curb

(15) Concrete Curb and Gutter, Modified

(18) Center Curb, D Concrete

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

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

(42) Remove Pavement & Agg. Base, Backfill with B-Borrow & 4" Topsoil, Mulch Seed

(C) PCCP , 12 In., Colored Red on 6 In. #53 Compacted Agg. on Geogrid, Type IB

(C1) PCCP , 6 In., Colored Brown on 6 In. #53 Compacted Agg.

PATRICK R. DIERKES REGISTERED No. PE 11900841 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL _____ 11/20/2024
ENGINEER DATE

DESIGNED: PRD | DRAWN: PRD

CHECKED: NK | CHECKED: _____

CITY OF BLOOMINGTON ENGINEERING DEPARTMENT

EAST WINSLOW ROAD RESURFACING
PLAN VIEW
STA 14+08.84 to STA 20+21.63 LINE "R-2"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICLE SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	3 of 26
CONTRACT	PROJECT
N/A	WINSLOW RESURFACING

PLOTTED: Wednesday, November 20, 2024 10:56:05 AM

FILE: WINSLOW&HIGH_PLAN_SHEET_02.DWG

Slope Up to Existing Grade @ 8.0%

Remove Tree if Impacted by Grading, Consult Engineer

Remove Spruce Tree

Remove Spruce Tree

Match Existing Grade

D.N.D. Down Guys

Slope Up to Existing Grade @ 8.0%

Ensure Positive Drainage to Existing Inlets, Typ.

Do Not Disturb Existing C&G

Curb Height: 1"

Curb Height: 1"

Curb Height: 1"

Curb Height: M.E. 3' Curb Taper

Curb Height: M.E. 3' Curb Taper

Curb Height: 6" 3' Curb Taper

Adjust MH to Grade

Adjust MH to Grade

Adjust WV to Grade

Adjust Inlet to Grade

D-1 Contraction Joints Matching Existing and Proposed C&G Joints, 1' O.C. Bar Spacing, Typ.

Quarter Section Monument, Reset as Needed for Construction

Curb Height: M.E.

Curb Height: M.E.

D.N.D. Existing Light

Remove Tree if Impacted by Grading, Consult Engineer

Raise Grade to Keep Drainage in Roadway

Taper Curb over 3' from 6" to 0"

Taper Curb over 3' from 6" to 0"

HIGH STREET

REGULATORY FLOODWAY

BASE FLOOD ELEVATION

CONSTRUCTION LIMITS

WINSLOW ROAD

LINE "R-2"

LINE "W-1"

ROGERS FAMILY PARK

(K) Full Depth HMA Pavement
165 #/syd HMA Surface, Type B, 64, 9.5 mm on
275 #/syd HMA Intermediate, Type B, 19.0 mm on
550 #/syd HMA Base, Type B, 25.0 mm on
6 In. #53 Compacted Agg. on
Geogrid, Type IB

(16) Curb, Concrete, Modified

(17) Curb & Gutter, Turnout Concrete

Notes:
See details sheet for truck apron sections.

(M) Milling, Asphalt, 1-1/2 in.

(R) 165 #/syd HMA Surface, Type 3, 64, 9.5 mm

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

(F1) 165 #/syd MHA Surface, Type B, on 220 #/syd HMA Intermediate, Type B, on 6 In. #53 Compacted Agg.

(CR) Curb Ramp, Concrete

(13) Concrete Curb

(15) Concrete Curb and Gutter, Modified

(18) Center Curb, D Concrete

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

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

(42) Remove Pavement & Agg. Base, Backfill with B-Borrow & 4" Topsoil, Mulch Seed

(C) PCCP , 12 In., Colored Red on 6 In. #53 Compacted Agg. on Geogrid, Type IB

(C1) PCCP , 6 In., Colored Brown on 6 In. #53 Compacted Agg.

PATRICK R. DIERKES REGISTERED No. PE 11900841 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL ENGINEER 11/20/2024 DATE

DESIGNED: PRD DRAWN: PRD

CHECKED: NK CHECKED:

CITY OF BLOOMINGTON ENGINEERING DEPARTMENT

EAST WINSLOW ROAD RESURFACING PLAN VIEW STA 19+79.63 to STA 26+63.57 LINE "R-2"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICLE SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	4 of 26
CONTRACT	PROJECT
N/A	WINSLOW RESURFACING

PLOTTED: Tuesday, December 10, 2024 11:29:48 AM

FILE: WINSLOW&HIGH_PLAN_SHEET_03.DWG

(M)	Milling, Asphalt, 1-1/2 in.	(CR)	Curb Ramp, Concrete	TS	Turning Space, 1.50% Ea. Way Desirable, 2.00% Max.
(R)	165 #/syd HMA Surface, Type 3, 64, 9.5 mm	(13)	Concrete Curb	(42)	Remove Pavement & Agg. Base, Backfill with B-Borrow & 4" Topsoil, Mulch Seed
(F)	Sidewalk, Concrete, 4 In. on 4 In. #53 Compacted Agg.	(15)	Concrete Curb and Gutter, Modified	(C)	PCCP , 12 In., Colored Red on 6 In. #53 Compacted Agg. on Geogrid, Type IB
(F1)	165 #/syd MHA Surface, Type B, on 220 #/syd HMA Intermediate, Type B, on 6 In. #53 Compacted Agg.	(18)	Center Curb, D Concrete	(C1)	PCCP , 6 In., Colored Brown on 6 In. #53 Compacted Agg.
		(P)	Patch, 165 #/syd HMA Surface, ON PCCP, 9 In.		

PATRICK R. DIERKES
REGISTERED
No. PE 11900841
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL
ENGINEER — DATE 11/20/2024

DESIGNED: PRD | DRAWN: PRD
CHECKED: NK | CHECKED:

CITY OF BLOOMINGTON ENGINEERING DEPARTMENT

EAST WINSLOW ROAD RESURFACING
PLAN VIEW
STA 29+50.83 to STA 39+50.79 LINE "R-2"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICLE SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	5 of 26
CONTRACT	PROJECT
N/A	WINSLOW RESURFACING

PLOTTED: Wednesday, November 20, 2024 10:57:12 AM

FILE: WINSLOW&HIGH_PLAN_SHEET_04.DWG

(K) Full Depth HMA Pavement
165 #/syd HMA Surface, Type B, 64, 9.5 mm on
275 #/syd HMA Intermediate, Type B, 19.0 mm on
550 #/syd HMA Base, Type B, 25.0 mm on
6 In. #53 Compacted Agg. on
Geogrid, Type IB

(16) Curb, Concrete, Modified

(17) Curb & Gutter, Turnout Concrete

(M)	Milling, Asphalt, 1-1/2 in.	(CR)	Curb Ramp, Concrete	TS	Turning Space, 1.50% Ea. Way Desirable, 2.00% Max.
(R)	165 #/syd HMA Surface, Type 3, 64, 9.5 mm	(13)	Concrete Curb	(42)	Remove Pavement & Agg. Base, Backfill with B-Borrow & 4" Topsoil, Mulch Seed
(F)	Sidewalk, Concrete, 4 In. on 4 In. #53 Compacted Agg.	(15)	Concrete Curb and Gutter, Modified	(C)	PCCP , 12 In., Colored Red on 6 In. #53 Compacted Agg. on Geogrid, Type IB
(F1)	165 #/syd MHA Surface, Type B, on 220 #/syd HMA Intermediate, Type B, on 6 In. #53 Compacted Agg.	(18)	Center Curb, D Concrete	(C1)	PCCP , 6 In., Colored Brown on 6 In. #53 Compacted Agg.
		(P)	Patch, 165 #/syd HMA Surface, ON PCCP, 9 In.		

PATRICK R. DIERKES REGISTERED No. PE 11900841 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL _____ 11/20/2024
ENGINEER DATE

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

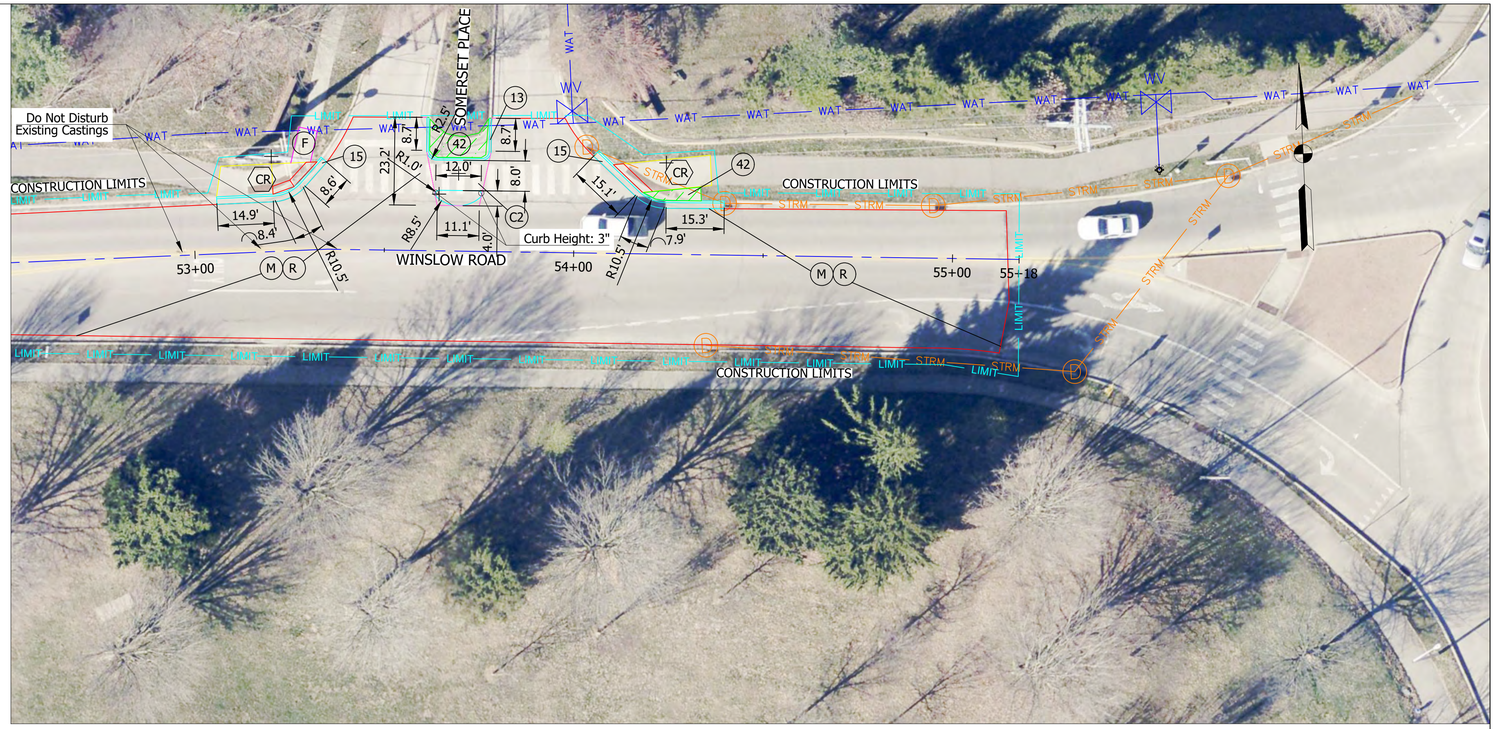
CITY OF BLOOMINGTON ENGINEERING DEPARTMENT

EAST WINSLOW ROAD RESURFACING PLAN VIEW STA 39+50.79 to STA 52+51.25 LINE "R-2"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICLE SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	6 of 26
CONTRACT	PROJECT
N/A	WINSLOW RESURFACING

PLOTTED: Wednesday, November 20, 2024 10:57:47 AM

FILE: WINSLOW&HIGH_PLAN_SHEET_05.DWG



(K) Full Depth HMA Pavement
165 #/syd HMA Surface, Type B, 64, 9.5 mm on
275 #/syd HMA Intermediate, Type B, 19.0 mm on
550 #/syd HMA Base, Type B, 25.0 mm on
6 In. #53 Compacted Agg. on
Geogrid, Type IB

(16) Curb, Concrete, Modified

(17) Curb & Gutter, Turnout Concrete

(M) Milling, Asphalt, 1-1/2 in.

(R) 165 #/syd HMA Surface, Type 3, 64, 9.5 mm

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

(F1) 165 #/syd MHA Surface, Type B, on 220 #/syd HMA Intermediate, Type B, on 6 In. #53 Compacted Agg.

(CR) Curb Ramp, Concrete

(13) Concrete Curb

(15) Concrete Curb and Gutter, Modified

(18) Center Curb, D Concrete

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

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

(42) Remove Pavement & Agg. Base, Backfill with B-Borrow & 4" Topsoil, Mulch Seed

(C) PCCP , 12 In., Colored Red on 6 In. #53 Compacted Agg. on Geogrid, Type IB

(C1) PCCP , 6 In., Colored Brown on 6 In. #53 Compacted Agg.

(C2) PCCP , 9 In. on 6 In. #53 Compacted Agg.

PATRICK R. DIERKES REGISTERED No. PE 11900841 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL _____ 11/20/2024
ENGINEER DATE

DESIGNED: PRD | DRAWN: PRD

CHECKED: NK | CHECKED: _____

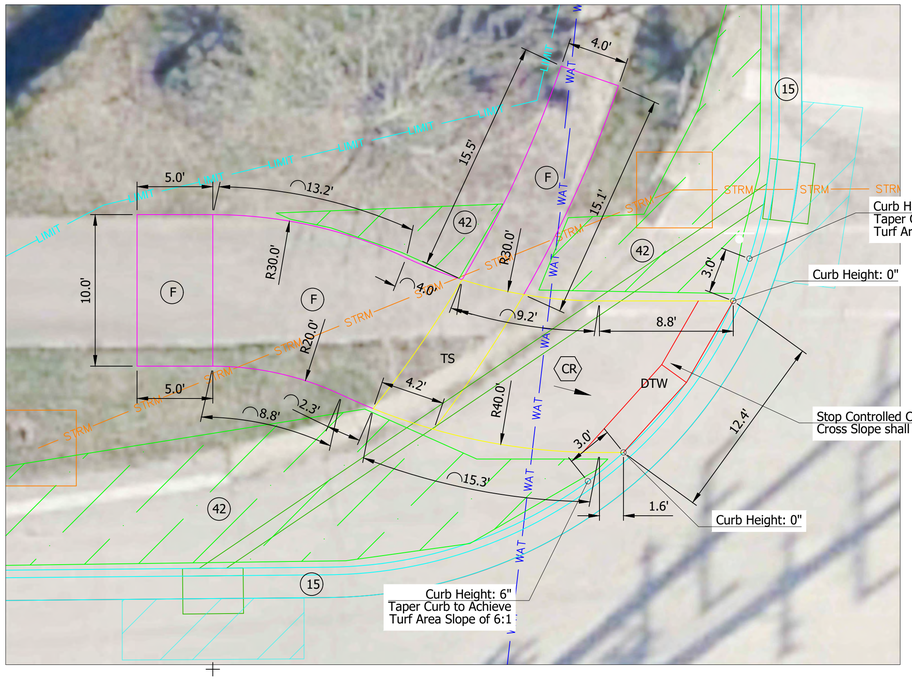
CITY OF BLOOMINGTON ENGINEERING DEPARTMENT

EAST WINSLOW ROAD RESURFACING
PLAN VIEW
STA 52+51.25 to STA 55+18 LINE "R-2"

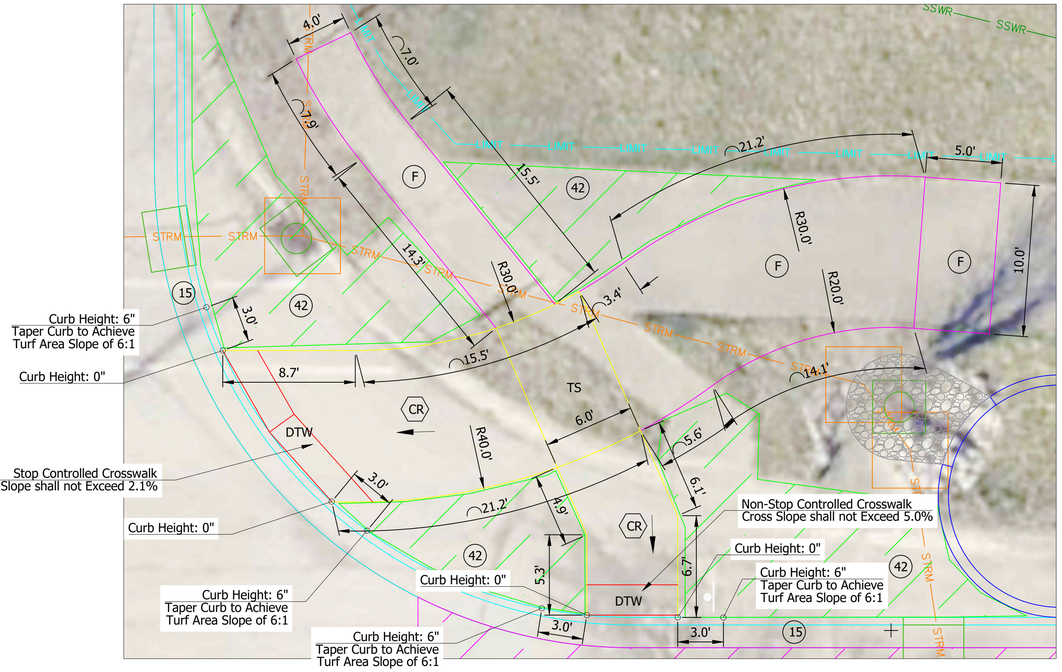
HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICLE SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	7 of 26
CONTRACT	PROJECT
N/A	WINSLOW RESURFACING

PLOTTED: Wednesday, November 20, 2024 10:58:15 AM

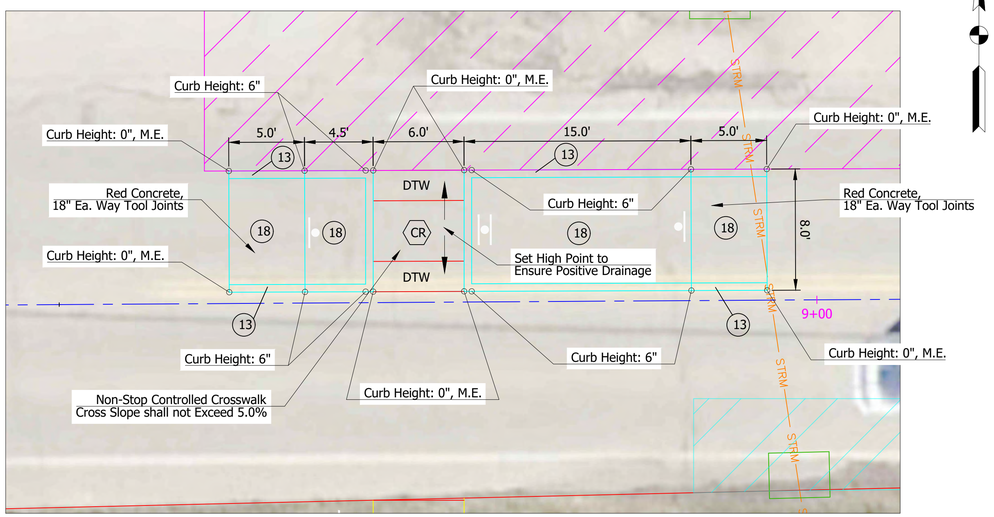
FILE: WINSLOW&HIGH_PLAN_SHEET_06.DWG



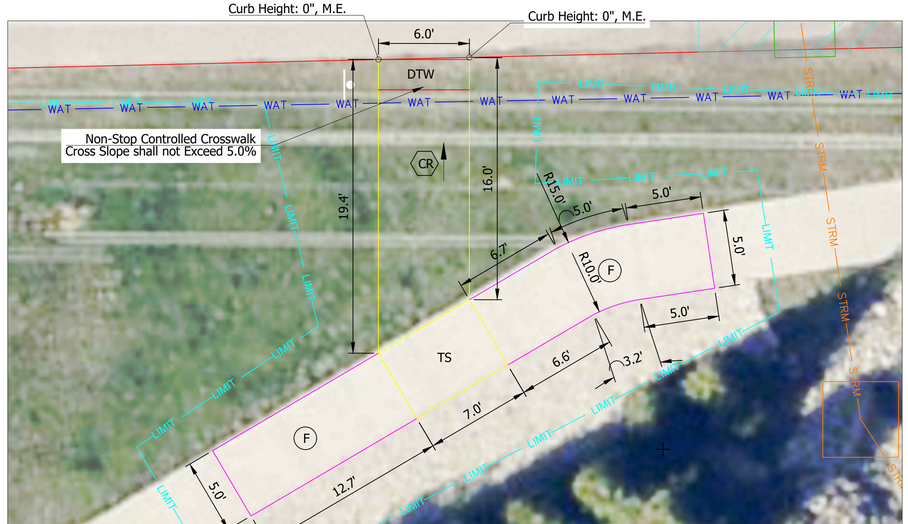
CURB RAMP DETAILS
NORTHWEST CORNER WINSLOW ROAD AND XAVIER COURT
Scale: 1"=5'



CURB RAMP DETAILS
NORTHEAST CORNER WINSLOW ROAD AND XAVIER COURT
Scale: 1"=5'



CURB RAMP DETAILS
MEDIAN ISLAND WINSLOW ROAD AND XAVIER COURT
Scale: 1"=5'



CURB RAMP DETAILS
SOUTH SIDE WINSLOW ROAD AND XAVIER COURT
Scale: 1"=5'

M	Milling, Asphalt, 1-1/2 in.	CR	Curb Ramp, Concrete	TS	Turning Space, 1.50% Ea. Way Desirable, 2.00% Max.
R	165 #/syd HMA Surface, Type B, 64, 9.5 mm	13	Concrete Curb	42	Remove Pavement & Agg. Base, Backfill with B-Borrow & 4" Topsoil, Mulch Seed
F	Sidewalk, Concrete, 4 In. on 4 In. #53 Compacted Agg.	15	Concrete Curb and Gutter, Modified	C	PCCP , 12 In. on 6 In. #53 Compacted Agg.
F1	165 #/syd MHA Surface, Type B, 64, 9.5 mm on 220 #/syd HMA Inter., Type B, 64, 19.0 mm on 6 In. #53 Compacted Agg.	18	Center Curb, D Concrete, Red	DTW	Detectable Warning Plate, Cast Iron
		P	Patch, 165 #/syd HMA Surface, ON PCCP, 9 In.		

PATRICK R. DIERKES
REGISTERED
No. PE 11900841
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL
ENGINEER
11/20/2024
DATE

DESIGNED: PRD
DRAWN: PRD
CHECKED: NK
CHECKED:

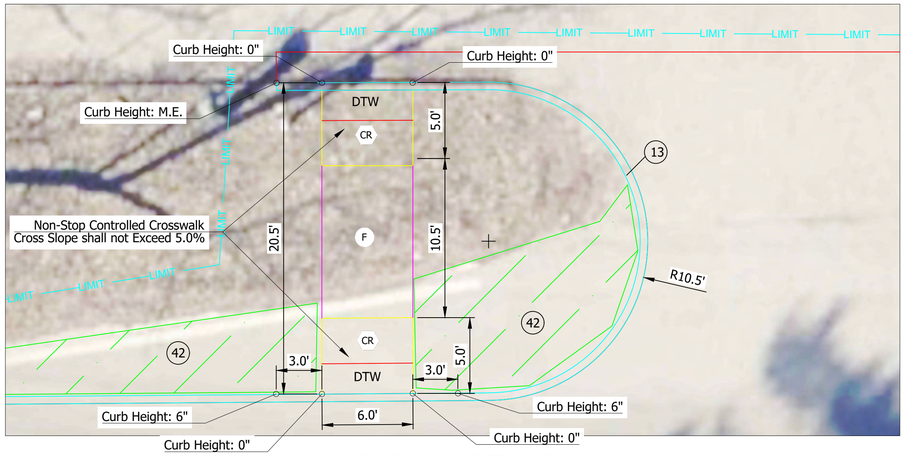
CITY OF BLOOMINGTON ENGINEERING DEPARTMENT

EAST WINSLOW ROAD RESURFACING
CURB RAMP DETAILS
WINSLOW ROAD & XAVIER COURT

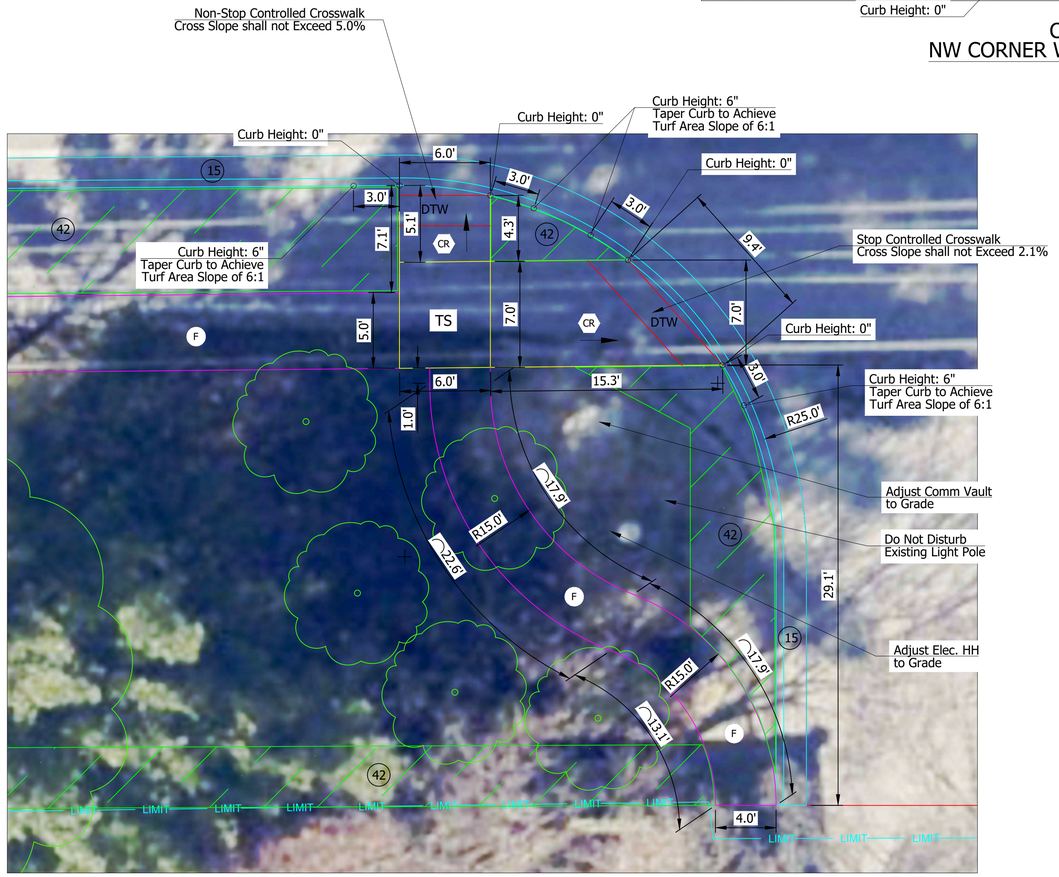
HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICLE SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	8 of 26
CONTRACT	PROJECT
N/A	WINSLOW RESURFACING

PLOTTED: Wednesday, November 20, 2024 10:58:48 AM

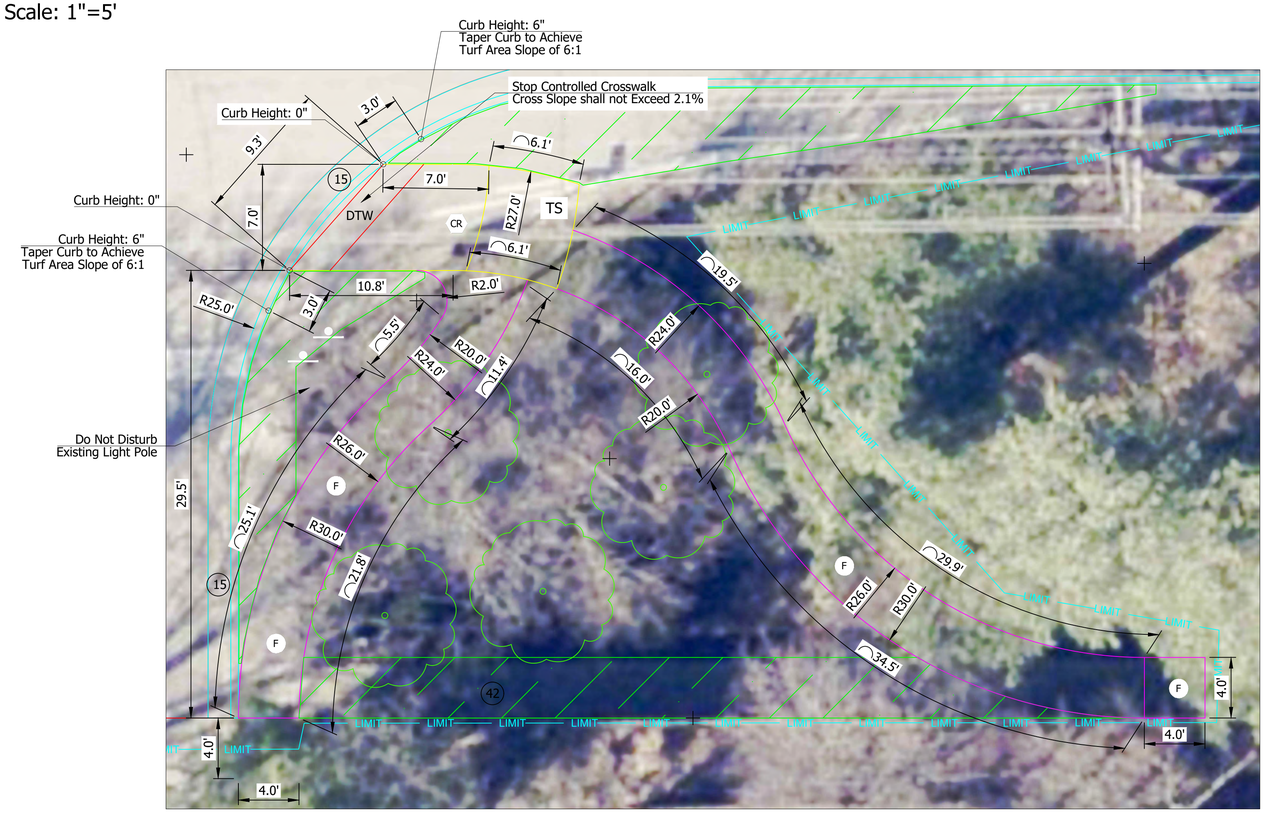
FILE: WINSLOW&HIGH_PLAN_SHEET_CURB_RAMP_01.DWG



CURB RAMP DETAILS
NW CORNER WINSLOW ROAD AND ABBY LANE
Scale: 1"=5'



CURB RAMP DETAILS
SW CORNER WINSLOW ROAD AND ABBY LANE
Scale: 1"=5'



CURB RAMP DETAILS
SE CORNER WINSLOW ROAD AND ABBY LANE
Scale: 1"=5'

M	Milling, Asphalt, 1-1/2 in.	CR	Curb Ramp, Concrete	TS	Turning Space, 1.50% Ea. Way Desirable, 2.00% Max.
R	165 #/syd HMA Surface, Type 3, 64, 9.5 mm	13	Concrete Curb	42	Remove Pavement & Agg. Base, Backfill with B-Borrow & 4" Topsoil, Mulch Seed
F	Sidewalk, Concrete, 4 In. on 4 In. #53 Compacted Agg.	15	Concrete Curb and Gutter, Modified	C	PCCP , 12 In. on 6 In. #53 Compacted Agg.
F1	165 #/syd MHA Surface, Type B, on 220 #/syd HMA Intermediate, Type B, on 6 In. #53 Compacted Agg.	18	Center Curb, D Concrete	DTW	Detectable Warning Plate, Cast Iron
		P	Patch, 165 #/syd HMA Surface, ON PCCP, 9 In.		

PATRICK R. DIERKES
REGISTERED
No. PE 11900841
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL _____ 11/20/2024
ENGINEER DATE

DESIGNED: PRD | DRAWN: PRD
CHECKED: NK | CHECKED:

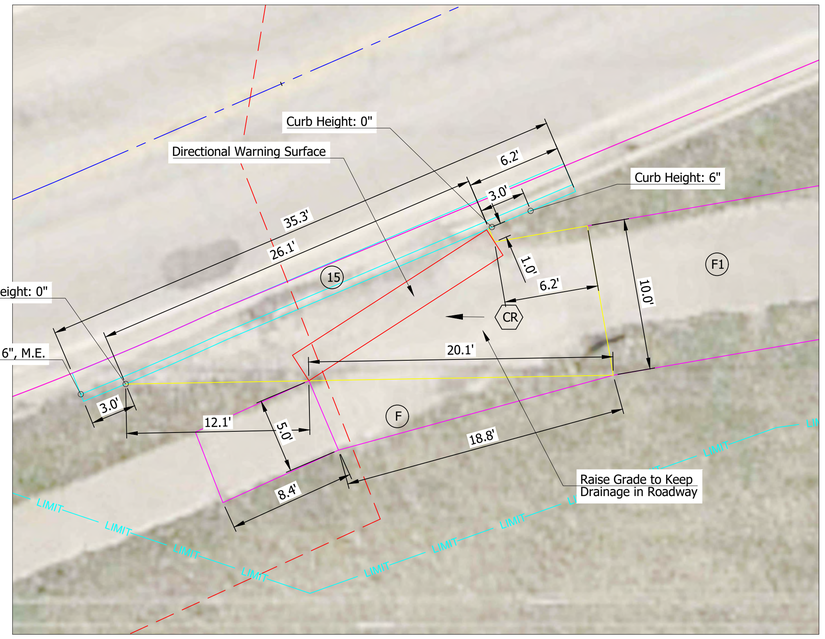
CITY OF BLOOMINGTON
ENGINEERING DEPARTMENT

EAST WINSLOW ROAD RESURFACING
CURB RAMP DETAILS
WINSLOW ROAD & ABBY LANE

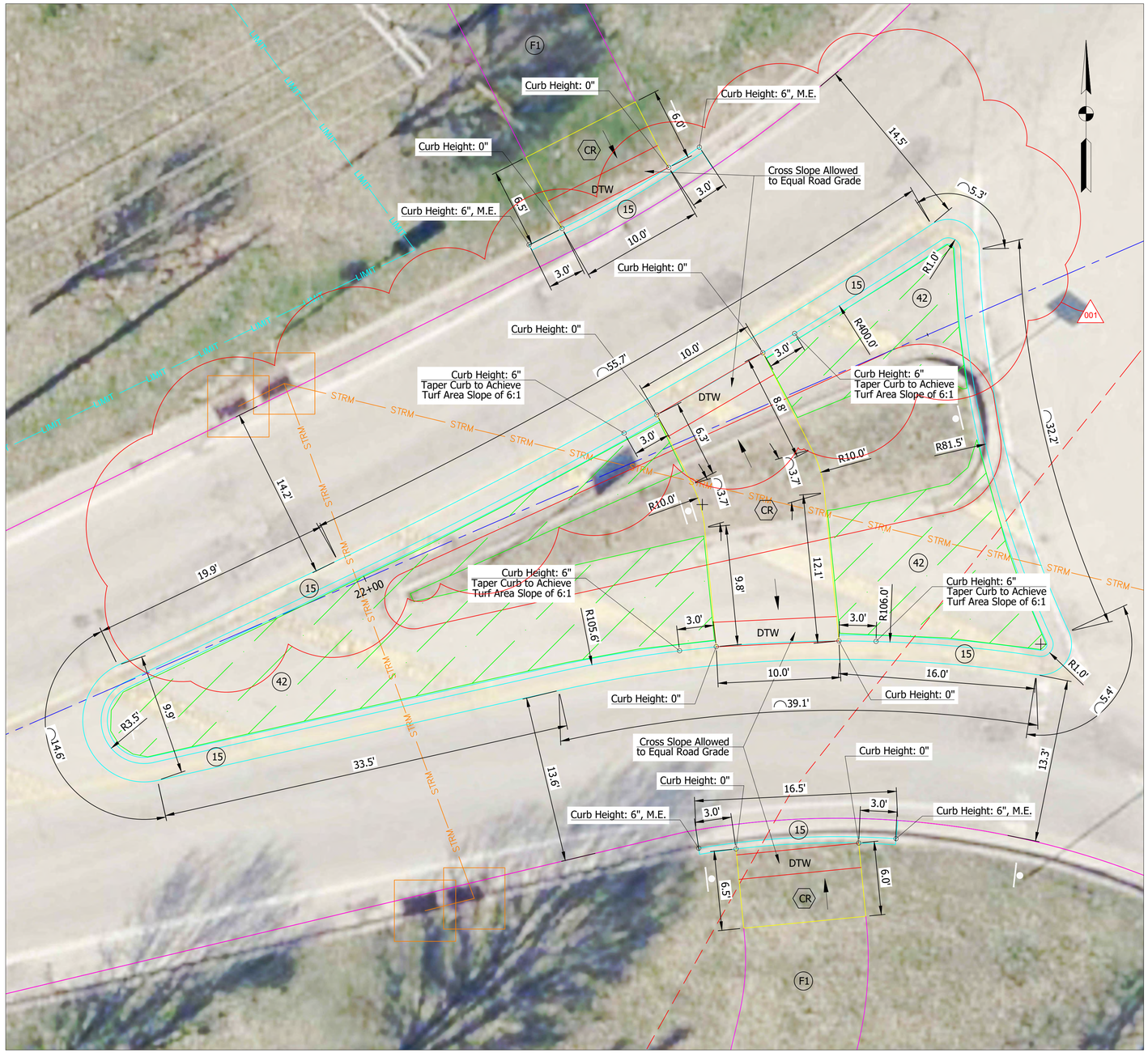
HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICLE SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	9 of 26
CONTRACT	PROJECT
N/A	WINSLOW RESURFACING

PLOTTED: Wednesday, November 20, 2024 10:59:18 AM

FILE: WINSLOW&HIGH_PLAN_SHEET_CURB_RAMP_02.DWG



CURB RAMP DETAILS
SW BIKE RAMP WINSLOW ROAD AND HIGH STREET
Scale: 1"=5'



CURB RAMP DETAILS
WEST SIDE WINSLOW ROAD AND HIGH STREET
Scale: 1"=5'

M	Milling, Asphalt, 1-1/2 in.	CR	Curb Ramp, Concrete	TS	Turning Space, 1.50% Ea. Way Desirable, 2.00% Max.
R	165 #/syd HMA Surface, Type 3, 64, 9.5 mm	13	Concrete Curb	42	Remove Pavement & Agg. Base, Backfill with B-Borrow & 4" Topsoil, Mulch Seed
F	Sidewalk, Concrete, 4 In. on 4 In. #53 Compacted Agg.	15	Concrete Curb and Gutter, Modified	C	PCCP , 12 In. on 6 In. #53 Compacted Agg.
F1	140 #/syd MHA Surface, Type B, on 220 #/syd HMA Intermediate, Type B, on 6 In. #53 Compacted Agg.	18	Center Curb, D Concrete	DTW	Detectable Warning Plate, Cast Iron
		P	Patch, 165 #/syd HMA Surface, ON PCCP, 9 In.		

PATRICK R. DIERKES
REGISTERED
No. PE 11900841
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL
ENGINEER
11/20/2024
DATE

DESIGNED: PRD
DRAWN: PRD
CHECKED: NK
CHECKED:

CITY OF BLOOMINGTON ENGINEERING DEPARTMENT

EAST WINSLOW ROAD RESURFACING
CURB RAMP DETAILS
WINSLOW ROAD & HIGH STREET

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICLE SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	10 of 26
CONTRACT	PROJECT
N/A	WINSLOW RESURFACING

PLOTTED: Thursday, December 5, 2024 4:58:47 PM

FILE: WINSLOW&HIGH_PLAN_SHEET_CURB_RAMP_03.DWG

CURB RAMP DETAILS
NORTH SIDE WINSLOW ROAD AND HIGH STREET
Scale: 1"=5'

M	Milling, Asphalt, 1-1/2 in.	CR	Curb Ramp, Concrete	TS	Turning Space, 1.50% Ea. Way Desirable, 2.00% Max.
R	165 #/syd HMA Surface, Type 3, 64, 9.5 mm	13	Concrete Curb	42	Remove Pavement & Agg. Base, Backfill with B-Borrow & 4" Topsoil, Mulch Seed
F	Sidewalk, Concrete, 4 In. on 4 In. #53 Compacted Agg.	15	Concrete Curb and Gutter, Modified	C	PCCP , 12 In. on 6 In. #53 Compacted Agg.
F1	165 #/syd MHA Surface, Type B, on 220 #/syd HMA Intermediate, Type B, on 6 In. #53 Compacted Agg.	18	Center Curb, D Concrete	DTW	Detectable Warning Plate, Cast Iron
		P	Patch, 165 #/syd HMA Surface, ON PCCP, 9 In.		

PATRICK R. DIERKES
REGISTERED
No. PE 11900841
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL
ENGINEER
11/20/2024
DATE

DESIGNED: PRD
DRAWN: PRD
CHECKED: NK
CHECKED:

CITY OF BLOOMINGTON
ENGINEERING DEPARTMENT

EAST WINSLOW ROAD RESURFACING
CURB RAMP DETAILS
WINSLOW ROAD & HIGH STREET

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICLE SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	11 of 26
CONTRACT	PROJECT
N/A	WINSLOW RESURFACING

PLOTTED: Friday, December 6, 2024 8:23:35 AM

FILE: WINSLOW&HIGH_PLAN_SHEET_CURB_RAMP_04.DWG

CURB RAMP DETAILS
SOUTH SIDE WINSLOW ROAD AND HIGH STREET
Scale: 1"=5'

M	Milling, Asphalt, 1-1/2 in.	CR	Curb Ramp, Concrete	TS	Turning Space, 1.50% Ea. Way Desirable, 2.00% Max.
R	165 #/syd HMA Surface, Type 3, 64, 9.5 mm	13	Concrete Curb	42	Remove Pavement & Agg. Base, Backfill with B-Borrow & 4" Topsoil, Mulch Seed
F	Sidewalk, Concrete, 4 In. on 4 In. #53 Compacted Agg.	15	Concrete Curb and Gutter, Modified	C	PCCP , 12 In. on 6 In. #53 Compacted Agg.
F1	140 #/syd MHA Surface, Type B, on 220 #/syd HMA Intermediate, Type B, on 6 In. #53 Compacted Agg.	18	Center Curb, D Concrete	DTW	Detectable Warning Plate, Cast Iron
		P	Patch, 165 #/syd HMA Surface, ON PCCP, 9 In.		

PATRICK R. DIERKES
REGISTERED
No. PE 11900841
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL
ENGINEER — 11/18/2024 DATE

DESIGNED: PRD | DRAWN: PRD
CHECKED: NK | CHECKED:

CITY OF BLOOMINGTON ENGINEERING DEPARTMENT

EAST WINSLOW ROAD RESURFACING
CURB RAMP DETAILS
WINSLOW ROAD & HIGH STREET

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICLE SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	12 of 26
CONTRACT	PROJECT
N/A	WINSLOW RESURFACING

PLOTTED: Friday, December 6, 2024 8:40:45 AM

FILE: WINSLOW&HIGH_PLAN_SHEET_CURB_RAMP_05.DWG

CURB RAMP DETAILS
SE CORNER ROGERS ROAD AND THE STANDS DRIVE
Scale: 1"=5'

M	Milling, Asphalt, 1-1/2 in.	CR	Curb Ramp, Concrete	TS	Turning Space, 1.50% Ea. Way Desirable, 2.00% Max.
R	165 #/syd HMA Surface, Type 3, 64, 9.5 mm	13	Concrete Curb	42	Remove Pavement & Agg. Base, Backfill with B-Borrow & 4" Topsoil, Mulch Seed
F	Sidewalk, Concrete, 4 In. on 4 In. #53 Compacted Agg.	15	Concrete Curb and Gutter, Modified	C	PCCP , 12 In. on 6 In. #53 Compacted Agg.
F1	140 #/syd MHA Surface, Type B, on 220 #/syd HMA Intermediate, Type B, on 6 In. #53 Compacted Agg.	18	Center Curb, D Concrete	DTW	Detectable Warning Plate, Cast Iron
		P	Patch, 165 #/syd HMA Surface, ON PCCP, 9 In.		

PATRICK R. DIERKES
REGISTERED
No. PE 11900841
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL
ENGINEER
11/20/2024
DATE

DESIGNED: PRD
DRAWN: PRD
CHECKED: NK
CHECKED:

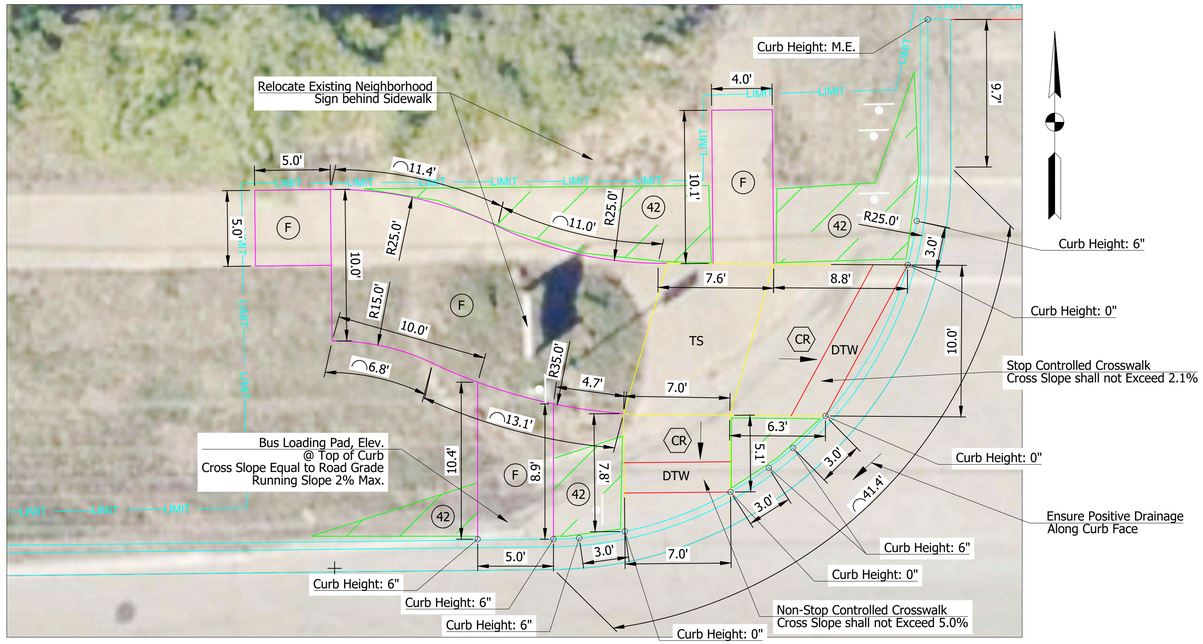
CITY OF BLOOMINGTON
ENGINEERING DEPARTMENT

EAST WINSLOW ROAD RESURFACING
CURB RAMP DETAILS
ROGERS ROAD & THE STANDS DRIVE

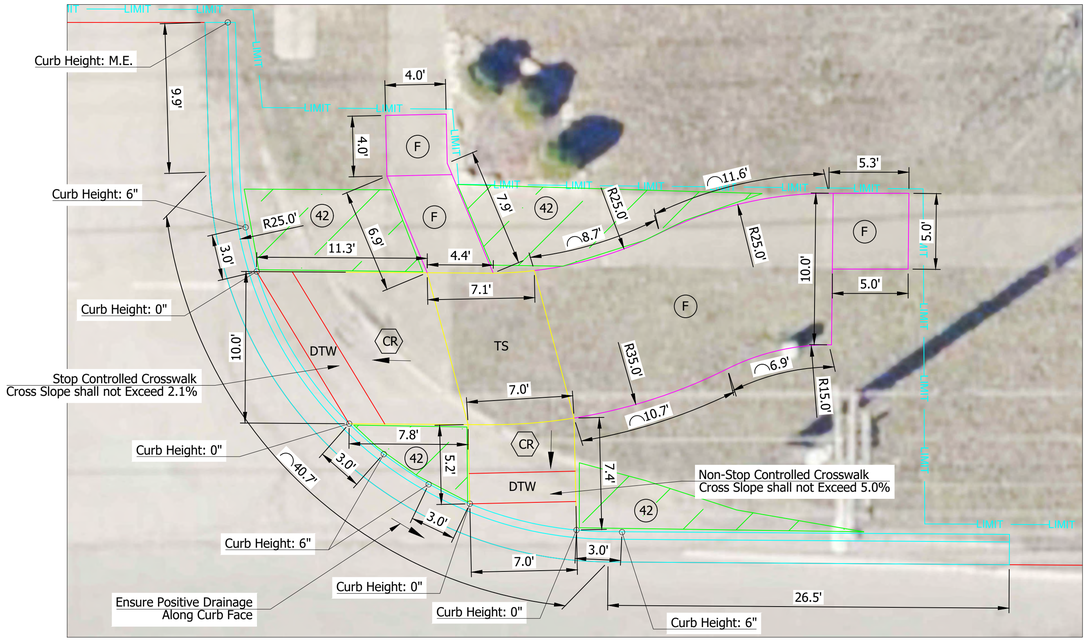
HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICLE SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	13 of 26
CONTRACT	PROJECT
N/A	WINSLOW RESURFACING

PLOTTED: Wednesday, November 20, 2024 11:00:59 AM

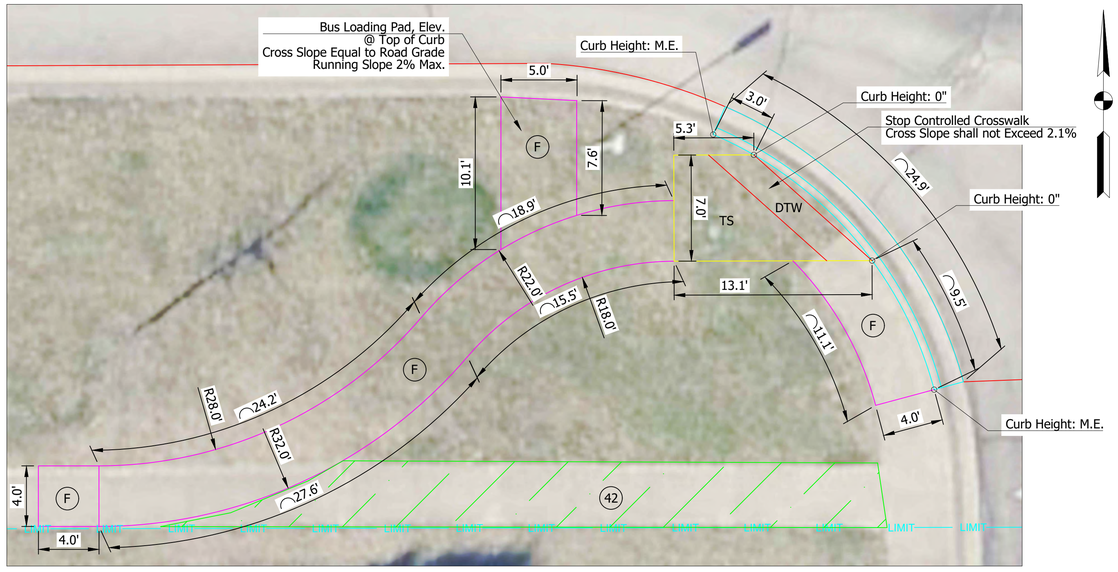
FILE: WINSLOW&HIGH_PLAN_SHEET_CURB_RAMP_06.DWG



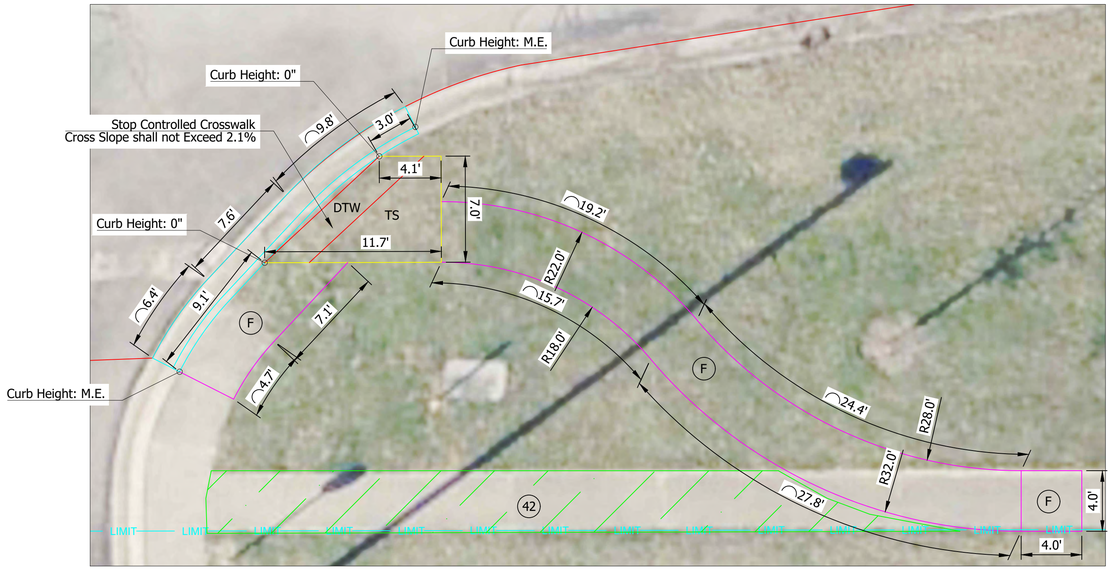
CURB RAMP DETAILS
NW CORNER ROGERS ROAD AND SPICEWOOD LANE
Scale: 1"=5'



CURB RAMP DETAILS
NE CORNER ROGERS ROAD AND SPICEWOOD LANE
Scale: 1"=5'



CURB RAMP DETAILS
SW CORNER ROGERS ROAD AND SPICEWOOD LANE
Scale: 1"=5'



CURB RAMP DETAILS
SE CORNER ROGERS ROAD AND SPICEWOOD LANE
Scale: 1"=5'

M Milling, Asphalt, 1-1/2 in.	CR Curb Ramp, Concrete	TS Turning Space, 1.50% Ea. Way Desirable, 2.00% Max.	
R 165 #/syd HMA Surface, Type 3, 64, 9.5 mm	13 Concrete Curb	42 Remove Pavement & Agg. Base, Backfill with B-Borrow & 4" Topsoil, Mulch Seed	
F Sidewalk, Concrete, 4 In. on 4 In. #53 Compacted Agg.	15 Concrete Curb and Gutter, Modified	C PCCP , 12 In. on 6 In. #53 Compacted Agg.	
F1 165 #/syd MHA Surface, Type B, on 220 #/syd HMA Intermediate, Type B, on 6 In. #53 Compacted Agg.	18 Center Curb, D Concrete	P Patch, 165 #/syd HMA Surface, ON PCCP, 9 In.	DTW Detectable Warning Plate, Cast Iron

PATRICK R. DIERKES REGISTERED No. PE 11900841 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL _____ 11/20/2024
ENGINEER DATE

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

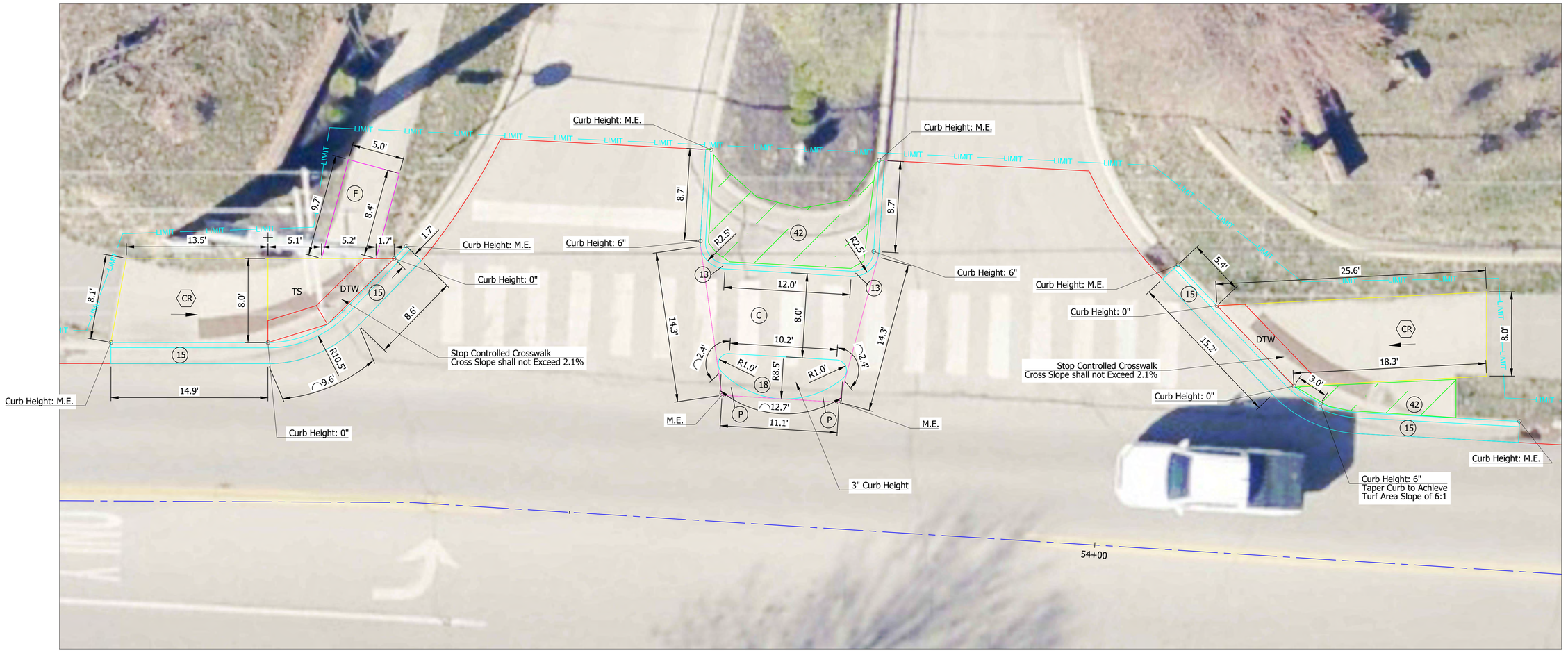
CITY OF BLOOMINGTON ENGINEERING DEPARTMENT

EAST WINSLOW ROAD RESURFACING
CURB RAMP DETAILS
ROGERS ROAD & SPICEWOOD LANE

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICLE SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	14 of 26
CONTRACT	PROJECT
N/A	WINSLOW RESURFACING

PLOTTED: Wednesday, November 20, 2024 11:01:31 AM

FILE: WINSLOW&HIGH_PLAN_SHEET_CURB_RAMP_07.DWG



CURB RAMP DETAILS
NORTH SIDE ROGERS ROAD AND SOMERSET PLACE
Scale: 1"=5'

M	Milling, Asphalt, 1-1/2 in.	CR	Curb Ramp, Concrete	TS	Turning Space, 1.50% Ea. Way Desirable, 2.00% Max.
R	165 #/syd HMA Surface, Type 3, 64, 9.5 mm	13	Concrete Curb	42	Remove Pavement & Agg. Base, Backfill with B-Borrow & 4" Topsoil, Mulch Seed
F	Sidewalk, Concrete, 4 In. on 4 In. #53 Compacted Agg.	15	Concrete Curb and Gutter, Modified	C	PCCP , 12 In. on 6 In. #53 Compacted Agg.
F1	165 #/syd MHA Surface, Type B, on 220 #/syd HMA Intermediate, Type B, on 6 In. #53 Compacted Agg.	18	Center Curb, D Concrete	DTW	Detectable Warning Plate, Cast Iron
		P	Patch, 165 #/syd HMA Surface, ON PCCP, 9 In.		

PATRICK R. DIERKES
REGISTERED
No. PE 11900841
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL
ENGINEER — DATE 11/20/2024

DESIGNED: PRD | DRAWN: PRD
CHECKED: NK | CHECKED:

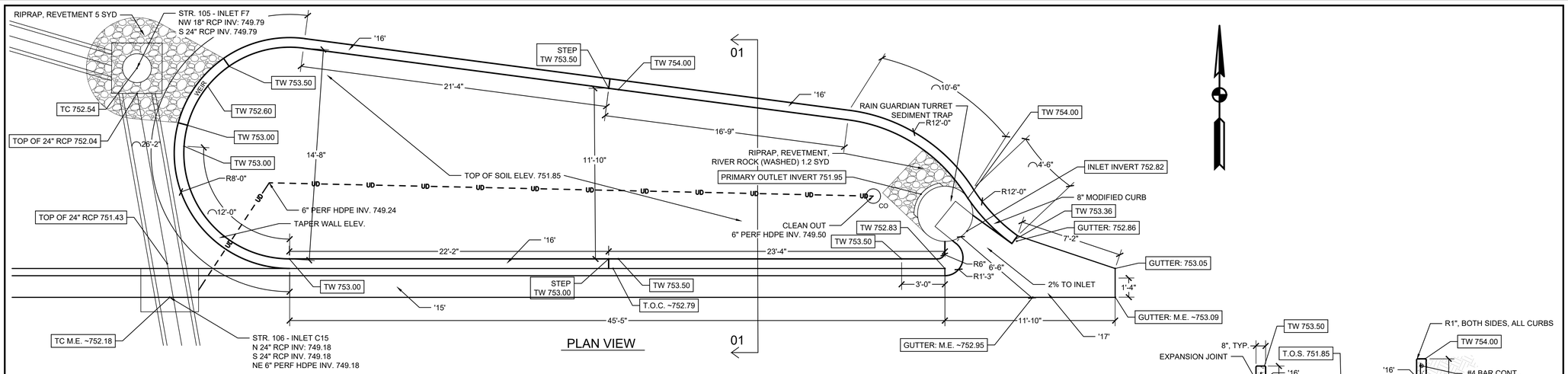
CITY OF BLOOMINGTON
ENGINEERING DEPARTMENT

EAST WINSLOW ROAD RESURFACING
CURB RAMP DETAILS
ROGERS ROAD & SOMERSET PLACE

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICLE SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	15 of 26
CONTRACT	PROJECT
N/A	WINSLOW RESURFACING

PLOTTED: Wednesday, November 20, 2024 11:07:12 AM

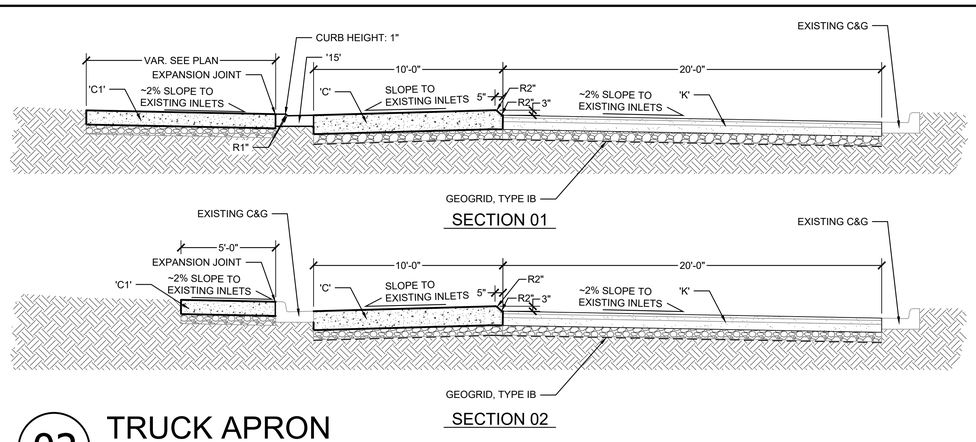
FILE: WINSLOW&HIGH_PLAN_SHEET_CURB_RAMP_08.DWG



01 RAIN GARDEN ENLARGEMENT

SCALE: 1/4" = 1'-0"

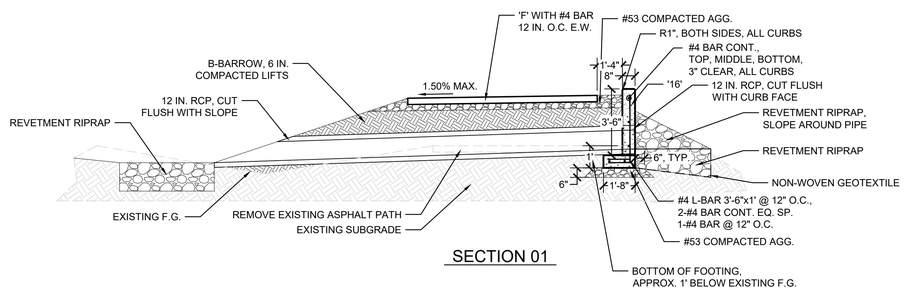
NOTES:
1. SCARIFY SUBGRADE WITH BUCKET TEETH TO LOOSEN NATIVE SOIL
2. NO HEAVY EQUIPMENT ALLOWED WITHIN RAIN GARDEN FOOTPRINT
3. FINISH ALL EXPOSED CURB FACES



02 TRUCK APRON

SCALE: 1/4" = 1'-0"

NOTES:
1. PAVEMENT CROSS SLOPES TO BE DETERMINED BY EXISTING CONDITIONS. ENSURE POSITIVE DRAINAGE TO EXISTING INLETS



03 MULTI-USE PATH MODIFICATIONS

SCALE: 1/4" = 1'-0"

(K) Full Depth HMA Pavement
165 #/syd HMA Surface, Type B, 64, 9.5 mm on
275 #/syd HMA Intermediate, Type B, 19.0 mm on
550 #/syd HMA Base, Type B, 25.0 mm on
6 In. #53 Compacted Agg. on
Geogrid, Type IB

(16) Curb, Concrete, Modified

(17) Curb & Gutter, Turnout Concrete

(M) Milling, Asphalt, 1-1/2 in.

(R) 165 #/syd HMA Surface, Type 3, 64, 9.5 mm

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

(F1) 165 #/syd MHA Surface, Type B, on 220 #/syd HMA Intermediate, Type B, on 6 In. #53 Compacted Agg.

(CR) Curb Ramp, Concrete

(13) Concrete Curb

(15) Concrete Curb and Gutter, Modified

(18) Center Curb, D Concrete

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

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

(42) Remove Pavement & Agg. Base, Backfill with B-Borrow & 4" Topsoil, Mulch Seed

(C) PCCP , 12 In., Colored Red on 6 In. #53 Compacted Agg. on Geogrid, Type IB

(C1) PCCP , 6 In., Colored Brown on 6 In. #53 Compacted Agg.

PATRICK R. DIERKES
REGISTERED
No. PE 11900841
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL
ENGINEER
11/20/2024
DATE

DESIGNED: PRD
DRAWN: PRD
CHECKED: NK
CHECKED:

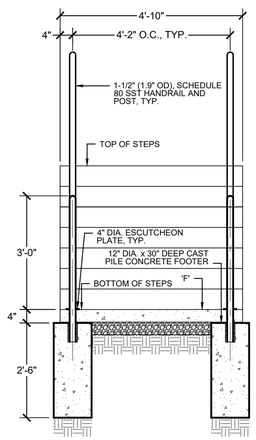
CITY OF BLOOMINGTON
ENGINEERING DEPARTMENT

EAST WINSLOW ROAD RESURFACING
RAIN GARDEN, TRUCK APRON & MUP DETAILS

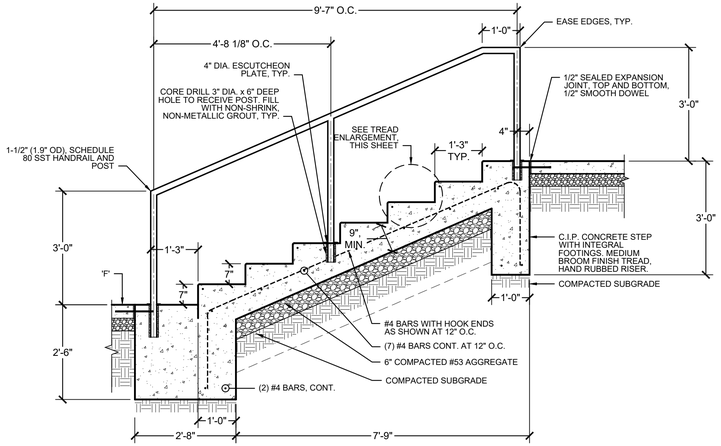
HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	N/A
VERTICLE SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	16 of 26
CONTRACT	PROJECT
N/A	WINSLOW RESURFACING

PLOTTED: Wednesday, November 20, 2024 6:11:46 AM

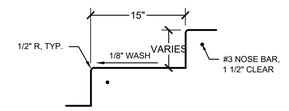
FILE: WINSLOW&HIGH_PLAN_SHEET_DETAILS_01.DWG



STEPS @ ROGERS FAMILY PARK - ELEVATION
(SEVEN TREADS)



STEPS @ ROGERS FAMILY PARK
(SEVEN TREADS)



TREAD ENLARGEMENT
(Not To Scale)

STEP/ HANDRAIL GENERAL NOTES

1. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION.
2. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS SHOWING ALL COMPONENTS, CONNECTIONS, AND DIMENSIONS COMPLETE FOR REVIEW AND APPROVAL BY ARCHITECT BEFORE FABRICATION AND CONSTRUCTION BEGINS.
3. ALL HANDRAILS SHALL BE 304 SST, #4 BRUSHED FINISH
4. RAILINGS SHALL COMPLY WITH ADA GUIDELINES AND ALL APPLICABLE CODES.
5. SET HANDRAIL POSTS PLUMB, LEVEL, AND TRUE TO LINE.
6. ALL FASTENERS SHALL BE SST, UNLESS NOTED OTHERWISE.
7. ALL WELDS SHALL BE GROUND SMOOTH.
8. ALL RAILING SURFACES IN CONTACT WITH CONCRETE OR DISSIMILAR METALS SHALL RECEIVE ONE SHOP APPLIED COAT OF BITUMINOUS PAINT.
9. HANDRAILS SHALL BE ON BOTH SIDES OF THE STEPS, U.N.O
10. REFER TO TREAD ENLARGEMENT FOR STEP REINFORCING.
11. ALL MEASUREMENTS FOR PAYMENT SHALL BE TO NEAT LINES.
12. REFER TO LAYOUT PLAN FOR LOCATIONS OF STEPS.
13. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

01 ROGERS FAMILY PARK STAIRS
SCALE: 1/2" = 1'-0"

(K) Full Depth HMA Pavement
165 #/syd HMA Surface, Type B, 64, 9.5 mm on
275 #/syd HMA Intermediate, Type B, 19.0 mm on
550 #/syd HMA Base, Type B, 25.0 mm on
6 In. #53 Compacted Agg. on
Geogrid, Type IB

(16) Curb, Concrete, Modified
(17) Curb & Gutter, Turnout Concrete

(M) Milling, Asphalt, 1-1/2 in.
(R) 165 #/syd HMA Surface, Type 3, 64, 9.5 mm
(F) Sidewalk, Concrete, 4 In. on 4 In. #53 Compacted Agg.
(F1) 165 #/syd MHA Surface, Type B, on 220 #/syd HMA Intermediate, Type B, on 6 In. #53 Compacted Agg.

(CR) Curb Ramp, Concrete
(13) Concrete Curb
(15) Concrete Curb and Gutter, Modified
(18) Center Curb, D Concrete
(P) Patch, 165 #/syd HMA Surface, ON PCCP, 9 In.

TS Turning Space, 1.50% Ea. Way Desirable, 2.00% Max.
(42) Remove Pavement & Agg. Base, Backfill with B-Borrow & 4" Topsoil, Mulch Seed
(C) PCCP , 12 In., Colored Red on 6 In. #53 Compacted Agg. on Geogrid, Type IB
(C1) PCCP , 6 In., Colored Brown on 6 In. #53 Compacted Agg.

PATRICK R. DIERKES REGISTERED No. PE 11900841 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL _____ ENGINEER 11/20/2024 DATE

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

CITY OF BLOOMINGTON ENGINEERING DEPARTMENT

EAST WINSLOW ROAD RESURFACING ROGERS FAMILY PARK DETAILS

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	N/A
VERTICLE SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	17 of 26
CONTRACT	PROJECT
N/A	WINSLOW RESURFACING

PLOTTED: Wednesday, November 20, 2024 6:12:42 AM

FILE: WINSLOW&HIGH_PLAN_SHEET_DETAILS_02.DWG

Raised Pavement Markers (RPMs) shall be installed in compliance with MUTCD requirements. When adjacent to yellow lines, RPM color shall be yellow both sides except when indicating fire hydrant locations. Blue RPMs shall be placed at the road centerline adjacent to all fire hydrants. RPMs shall be placed in the gaps between pavement markings. RPMs shall be placed on the road centerline at 120' spacing for tangent sections and 40' spacing on curves. Additional RPMs at tapers and median objects shall be placed as indicated. No RPMs shall be placed on pavement markings. Plan depictions of RPMs and pavement markings shall not be considered precise.

Match Existing Markings

CONSTRUCTION LIMITS

WINSLOW ROAD

LINE "R-2"

3+00 4+00 5+00 6+00 7+00

10' 10' 11' 12' 52'

CONSTRUCTION LIMITS

CONSTRUCTION LIMITS

Raised Pavement Markers (RPMs) shall be installed in compliance with MUTCD requirements. When adjacent to yellow lines, RPM color shall be yellow both sides except when indicating fire hydrant locations. Blue RPMs shall be placed at the road centerline adjacent to all fire hydrants. RPMs shall be placed in the gaps between pavement markings. RPMs shall be placed on the road centerline at 120' spacing for tangent sections and 40' spacing on curves. Additional RPMs at tapers and median objects shall be placed as indicated. No RPMs shall be placed on pavement markings. Plan depictions of RPMs and pavement markings shall not be considered precise.

Relocate Existing Stop & Street Signs & Posts

XAVIER COURT

Install Sign, W11-2 (30"x30") & W16-7p (24"x12"), on 15.00' Square Type 1 Unreinforced Post

Install Sign, OM1-2 (18"x18"), on 9.50' Square Type 1 Unreinforced Post

WINSLOW ROAD

8+00 9+00 10+00 11+00 12+00 13+00 14+00

15' 120' 15' 37' 8'

Install Signs BOTH SIDES, W11-2 (30"x30") & W16-7p (24"x12"), on 15.00' Square Type 1 Unreinforced Post

Install Sign, OM1-2 (18"x18"), on 9.50' Square Type 1 Unreinforced Post

Install Sign, W11-2 (30"x30") & W16-7p (24"x12"), on 15.00' Square Type 1 Unreinforced Post

ABBY LANE

Relocate Existing Stop & Street Signs, on 15.00' Square Type 1 Unreinforced Post

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, 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)	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)			

PATRICK R. DIERKES REGISTERED No. PE 11900841 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL _____ ENGINEER 11/20/2024 DATE

DESIGNED: PRD DRAWN: PRD

CHECKED: NK CHECKED: _____

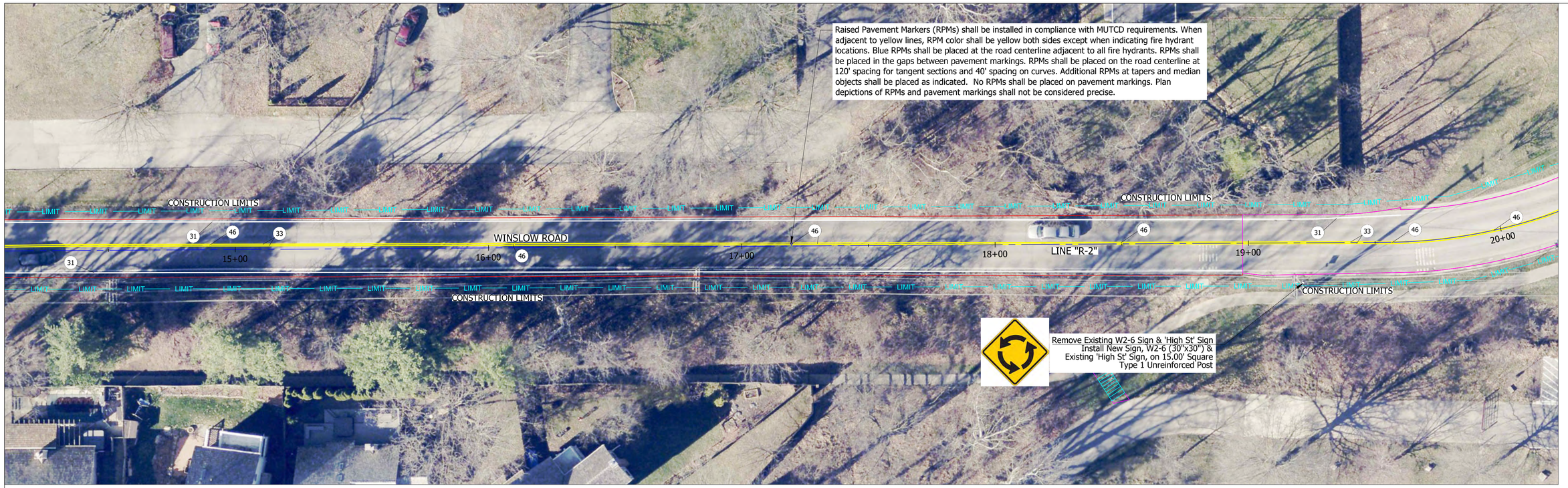
CITY OF BLOOMINGTON ENGINEERING DEPARTMENT

EAST WINSLOW ROAD RESURFACING PLAN VIEW STA 2+39.65 to STA 14+08.84 LINE "R-2"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICLE SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	18 of 26
CONTRACT	PROJECT
N/A	WINSLOW RESURFACING

PLOTTED: Wednesday, November 20, 2024 11:07:45 AM

FILE: WINSLOW&HIGH_PLAN_SHEET_MARKINGS_01.DWG



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
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.
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)	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)			46	Snowplowable Raised Pavement Marker
				47	Line, Thermoplastic, Dotted, White, 6 in. (2' Solid, 4' Gap)

PATRICK R. DIERKES REGISTERED No. PE 11900841 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL _____ 11/20/2024
ENGINEER DATE

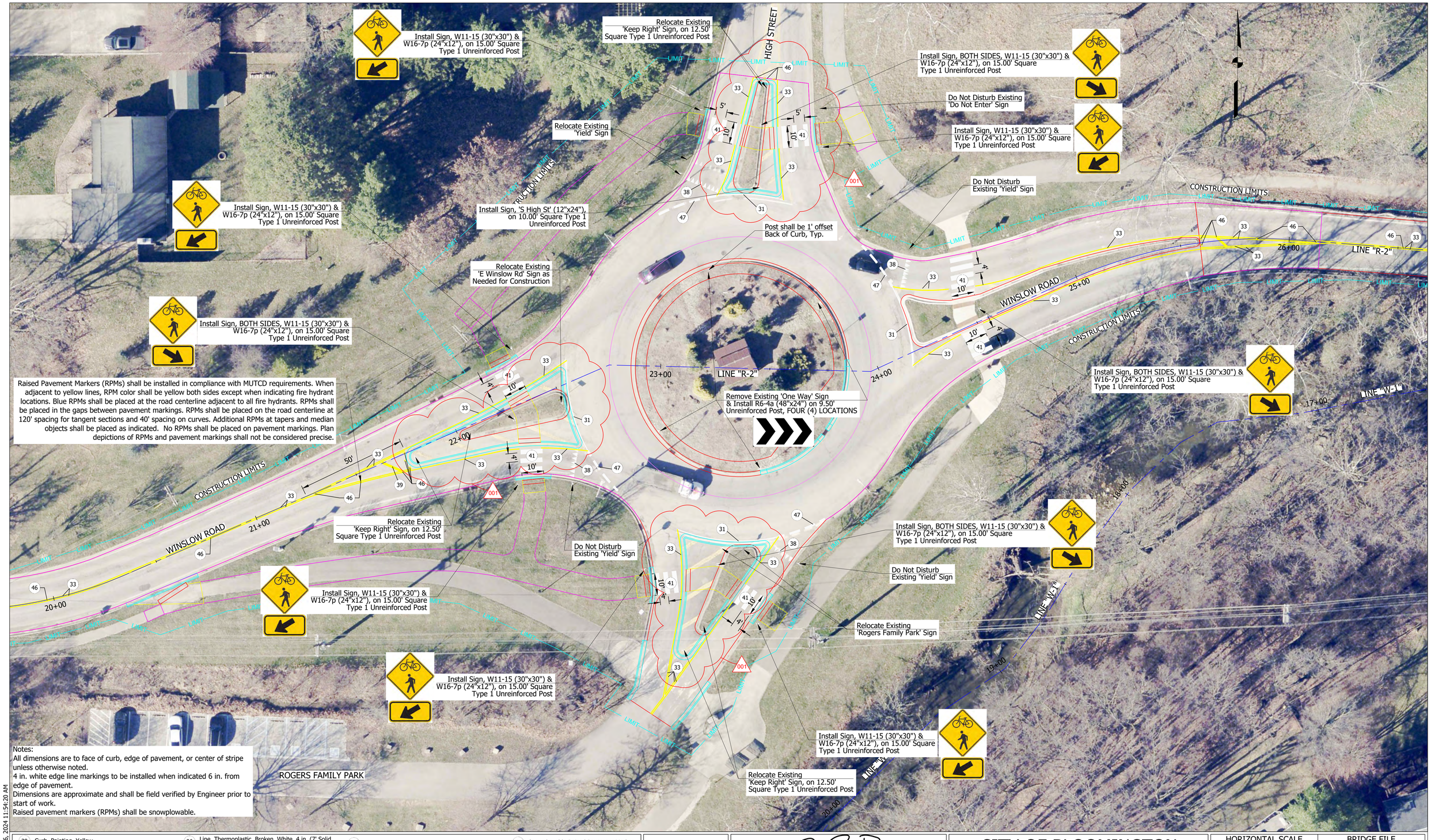
DESIGNED: PRD | DRAWN: PRD
CHECKED: NK | CHECKED:

CITY OF BLOOMINGTON ENGINEERING DEPARTMENT

EAST WINSLOW ROAD RESURFACING
PLAN VIEW
STA 14+08.84 to STA 20+21.63 LINE "R-2"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICLE SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	19 of 26
CONTRACT	PROJECT
N/A	WINSLOW RESURFACING

PLOTTED: Wednesday, November 20, 2024 11:08:13 AM
FILE: WINSLOW&HIGH_PLAN_SHEET_MARKINGS_02.DWG



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, 12 in. (2' Solid, 3' Gap)
32 Line, Thermoplastic, Solid, White, 6 in.	38 Transverse Marking, Thermoplastic, Yield Line, White, (Solid 16" Base x 24" Height with 8" Gap)	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)	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)			

PATRICK R. DIERKES REGISTERED No. PE 11900841 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL _____ 11/20/2024
ENGINEER DATE

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

CITY OF BLOOMINGTON ENGINEERING DEPARTMENT

EAST WINSLOW ROAD RESURFACING PLAN VIEW
STA 19+79.63 to STA 26+63.57 LINE "R-2"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICLE SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	20 of 26
CONTRACT	PROJECT
N/A	WINSLOW RESURFACING

PLOTTED: Friday, December 6, 2024 11:54:20 AM

FILE: WINSLOW&HIGH_PLAN_SHEET_MARKINGS_03.DWG

Raised Pavement Markers (RPMs) shall be installed in compliance with MUTCD requirements. When adjacent to yellow lines, RPM color shall be yellow both sides except when indicating fire hydrant locations. Blue RPMs shall be placed at the road centerline adjacent to all fire hydrants. RPMs shall be placed in the gaps between pavement markings. RPMs shall be placed on the road centerline at 120' spacing for tangent sections and 40' spacing on curves. Additional RPMs at tapers and median objects shall be placed as indicated. No RPMs shall be placed on pavement markings. Plan depictions of RPMs and pavement markings shall not be considered precise.

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
(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.
(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)	(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)		(46) Snowplowable Raised Pavement Marker
		(47) Line, Thermoplastic, Dotted, White, 6 in. (2' Solid, 4' Gap)

PATRICK R. DIERKES REGISTERED No. PE 11900841 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL _____ ENGINEER 11/20/2024 DATE

DESIGNED: PRD DRAWN: PRD

CHECKED: NK CHECKED: _____

CITY OF BLOOMINGTON ENGINEERING DEPARTMENT

EAST WINSLOW ROAD RESURFACING PLAN VIEW STA 29+50.83 to STA 39+50.79 LINE "R-2"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICLE SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	21 of 26
CONTRACT	PROJECT
N/A	WINSLOW RESURFACING

PLOTTED: Wednesday, November 20, 2024 11:09:30 AM

FILE: WINSLOW&HIGH_PLAN_SHEET_MARKINGS_04.DWG

Relocate Existing Stop & Street Signs on 15.00' Square Type 1 Unreinforced Post

Relocate Existing Bus Stop Sign on 12.00' Square Type 1 Unreinforced Post

SPICEWOOD LANE

WINSLOW ROAD

LINE "R-2"

40+00 41+00 42+00 43+00 44+00 45+00 46+

47+00 48+00 49+00 50+00 51+00 52+00

Raised Pavement Markers (RPMs) shall be installed in compliance with MUTCD requirements. When adjacent to yellow lines, RPM color shall be yellow both sides except when indicating fire hydrant locations. Blue RPMs shall be placed at the road centerline adjacent to all fire hydrants. RPMs shall be placed in the gaps between pavement markings. RPMs shall be placed on the road centerline at 120' spacing for tangent sections and 40' spacing on curves. Additional RPMs at tapers and median objects shall be placed as indicated. No RPMs shall be placed on pavement markings. Plan depictions of RPMs and pavement markings shall not be considered precise.

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)
40 Transverse Marking, Thermoplastic, Crosswalk Line, White, 6 in.
41 Transverse Markings, Thermoplastic, Crosswalk Line, White, 24 in., Spacing as Dimensioned
42 Transverse Markings, 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)

PATRICK R. DIERKES REGISTERED No. PE 11900841 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL ENGINEER — 11/20/2024 DATE

DESIGNED: PRD DRAWN: PRD

CHECKED: NK CHECKED:

CITY OF BLOOMINGTON ENGINEERING DEPARTMENT

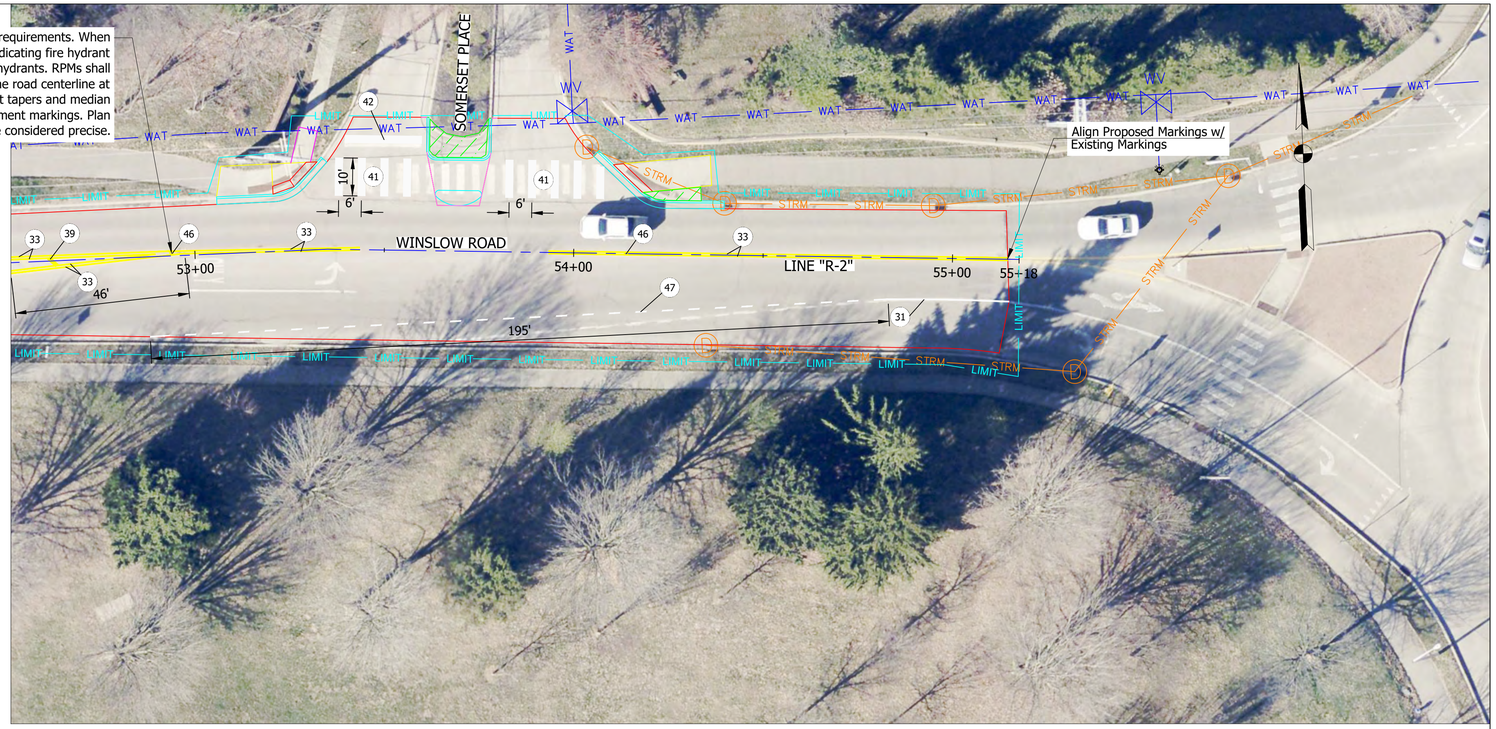
EAST WINSLOW ROAD RESURFACING PLAN VIEW STA 39+50.79 to STA 52+51.25 LINE "R-2"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICLE SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	22 of 26
CONTRACT	PROJECT
N/A	WINSLOW RESURFACING

PLOTTED: Wednesday, November 20, 2024 11:10:09 AM

FILE: WINSLOW&HIGH_PLAN_SHEET_MARKINGS_05.DWG

Raised Pavement Markers (RPMs) shall be installed in compliance with MUTCD requirements. When adjacent to yellow lines, RPM color shall be yellow both sides except when indicating fire hydrant locations. Blue RPMs shall be placed at the road centerline adjacent to all fire hydrants. RPMs shall be placed in the gaps between pavement markings. RPMs shall be placed on the road centerline at 120' spacing for tangent sections and 40' spacing on curves. Additional RPMs at tapers and median objects shall be placed as indicated. No RPMs shall be placed on pavement markings. Plan depictions of RPMs and pavement markings shall not be considered precise.



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
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.
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)	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)			46	Snowplowable Raised Pavement Marker
				47	Line, Thermoplastic, Dotted, White, 4 in. (2' Solid, 6' Gap)

PATRICK R. DIERKES REGISTERED No. PE 11900841 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL _____ 11/20/2024
ENGINEER DATE

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

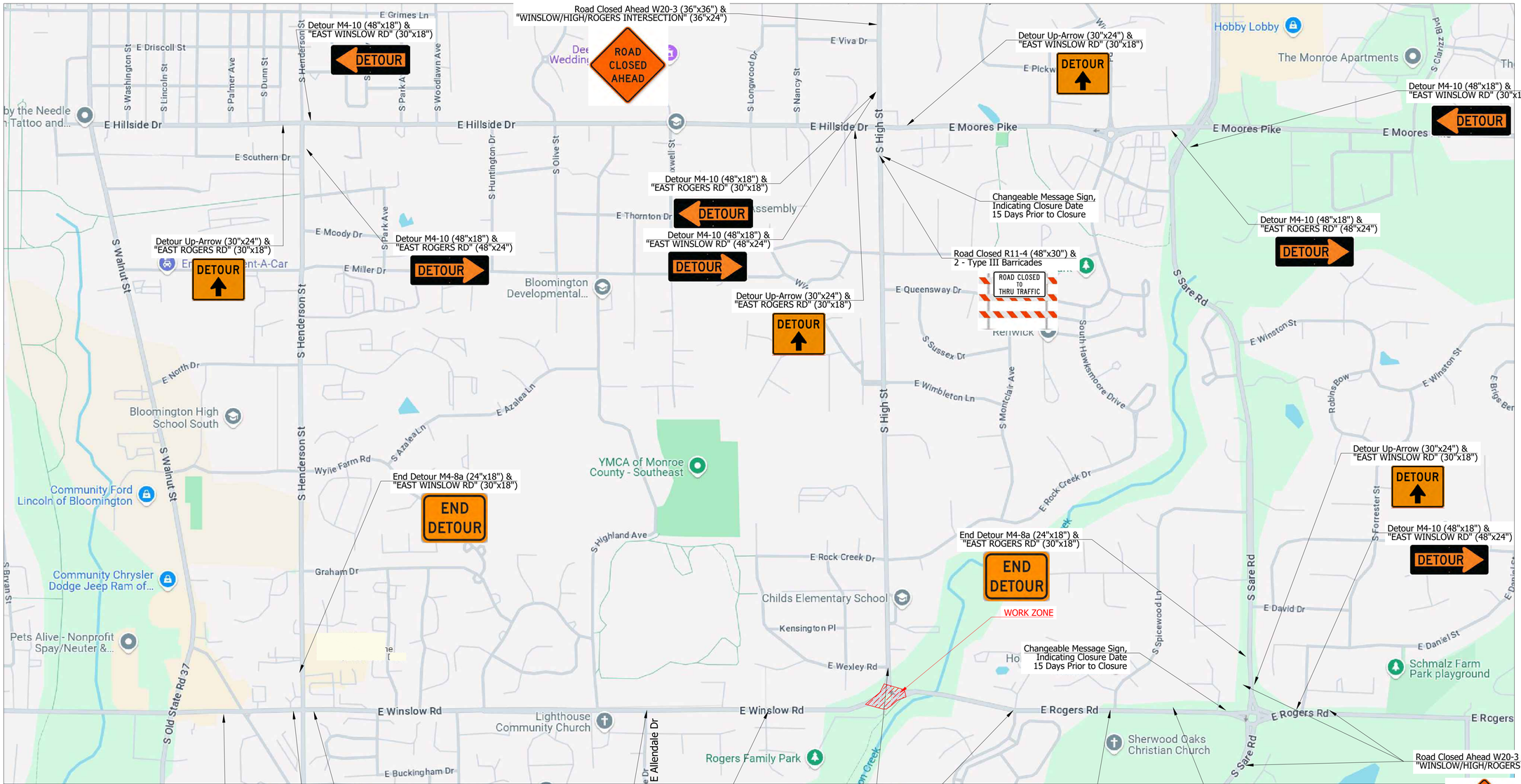
CITY OF BLOOMINGTON ENGINEERING DEPARTMENT

EAST WINSLOW ROAD RESURFACING
PLAN VIEW
STA 52+51.25 to STA 55+18 LINE "R-2"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICLE SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	23 of 26
CONTRACT	PROJECT
N/A	WINSLOW RESURFACING

PLOTTED: Wednesday, November 20, 2024 11:10:39 AM

FILE: WINSLOW&HIGH_PLAN_SHEET_MARKINGS_06.DWG



Notes:

- Closure duration shall be limited to the number of days specified in the project's special provisions.
- No signage or sign supports shall obstruct sidewalks, paths or travel lanes.
- Contractor shall secure signs to ensure they remain in place. Missing signs shall be replaced immediately.
- Contractor shall sequence work to provide pedestrian access, similar to existing, through the site at all times.
- Contractor shall install additional signage as deemed necessary by the Engineer. Additional signage shall be considered included in the Maintenance of Traffic lump sum.

PLOTTED: Thursday, November 21, 2024 4:40:05 PM

FILE: WINSLOW&HIGH_PLAN_SHEET_MOT.DWG

PATRICK R. DIERKES REGISTERED No. PE 11900841 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL _____ 11/20/2024
ENGINEER DATE

DESIGNED: PRD | DRAWN: PRD

CHECKED: NK | CHECKED:

CITY OF BLOOMINGTON ENGINEERING DEPARTMENT

EAST WINSLOW ROAD RESURFACING MAINTENANCE OF TRAFFIC PLAN FULL ROUNDABOUT CLOSURE

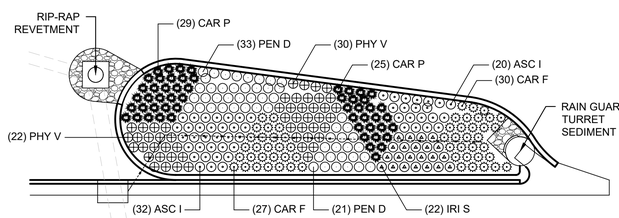
HORIZONTAL SCALE	BRIDGE FILE
N.T.S.	N/A
VERTICLE SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	24 of 26
CONTRACT	PROJECT
N/A	WINSLOW RESURFACING

Landscape Plan General Notes:

- Immediately notify Owner/Project Engineer of any discrepancies between the specifications and drawings, prior to bid date, and/or prior to construction.
- Engineer and Owner to inspect all plant locations and plant bed edges prior to installation. The Engineer reserves the right to adjust plant locations on-site. On-site adjustments will be required.
- Plant counts indicated on these drawings are for the Engineer/Owner's use ONLY. Contractor shall make own plant quantity take-offs using drawings, specifications, and plant schedule requirements (i.e. spacing) - unless otherwise directed by the Engineer. Contractor to verify bed measurements and install appropriate quantities as governed by plant spacing per the schedule. Contractor shall account for all slopes in material quantity calculations.
- In case of discrepancies between the plans and plant list, the plan shall dictate. If in question, contact the Engineer.
- Do not make substitutions. If specified landscape material is not available, submit proof of non-availability to landscape architect together with a proposal for use of equivalent material. Engineer reserves the right to determine material equivalency. All plant material shall be reviewed and approved by the City of Bloomington Planning Department and comply with the City's Unified Development Ordinance (UDO), Section 20.04.080.
- Contractor shall install planting soil in all proposed rain garden and plant bed areas, unless noted otherwise.
- The Contractor is responsible for verifying and quantifying the existence of suitable topsoil to be used as planting soil. See the specifications for topsoil testing, amending, and stripping and stockpiling requirements. The Contractor is responsible for providing the Owner/Engineer with a topsoil test analysis. If Suitable topsoil is not present on site, the Contractor is responsible for providing topsoil according to the plans, details, and specifications. Topsoil shall be amended to become planting soil and be transitioned into subgrade according to the landscape details and specifications.
- The Earthwork Contractor shall coordinate the placement and grading of subsoil to accommodate planting soil. Refer to soil details and specifications.
- Protect structures, utilities, sidewalks, pavements, and other facilities and existing exterior plants from damage caused by planting operations. Recondition and sod all areas disturbed by construction activities that are not to receive other surface treatment (preserved, renovated areas, mulch, groundcover, etc.)
- Plant and all other materials to be stored on-site will be placed where they will not conflict with construction operations and as directed by the Owner.
- An approved pre-emergent herbicide shall be applied in all planting and groundcover beds at rates specified by the manufacturer for each variety of plant.
- See planting schedule and landscape details for further requirements.
- Refer to demolition and erosion control plans, details, and specifications for erosion control measures - including temporary seeding - and additional requirements.

RAIN GARDEN PLANT SCHEDULE

CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	SPACING	REMARKS
FORBS						
ASC I	52	Asclepias incarnata	Swamp Milkweed	#1	18" o.c.	Full, healthy, well-rooted
IRI S	22	Iris virginica shrevei	Shreve's Iris	#1	18" o.c.	Full, healthy, well-rooted
PEN D	54	Penstemon digitalis	Foxglove Beardtongue	#1	18" o.c.	Full, healthy, well-rooted
PHY V	52	Physostegia virginiana	Obedient Plant	#1	18" o.c.	Full, healthy, well-rooted
GRAMINOIDS						
CAR F	57	Carex frankii	Frank's Sedge	#1	18" o.c.	Full, healthy, well-rooted
CAR P	54	Carex pensylvanica	Pennsylvania Sedge	#1	18" o.c.	Full, healthy, well-rooted



NOTE:
Rain Garden shall receive a 3-to-4-inch layer of decorative stone mulch. See Detail 2, this sheet.

Basis-of-Design:
1. Irving Materials Inc. Coarse "L" Gravel, 1/2" to 1-1/2" (no fines)
2. Rogers Group, Inc. Oversized Gravel (no fines)
3. McCarthy Mulch & Stone, Large Ebony Blend (no fines)

1 RAIN GARDEN PLANTING PLAN
NOT TO SCALE

RAIN GARDEN PLANTING SOIL SPECIFICATIONS:

ACTION SUBMITTALS
1. Product Data: For each type of product.

QUALITY ASSURANCE
1. Soil Supplier: The Soil Supplier shall be a firm that specializes in the production of mixes of planting soils with at least five years of experience in providing soil mixes to projects of similar size and scope to this Project.

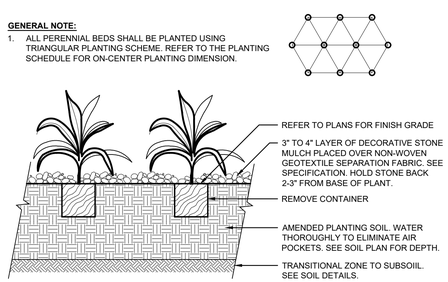
DELIVERY STORAGE AND HANDLING
Bulk Materials:
1. Coordinate delivery of bulk materials to allow for timely placing and spreading in destination locations as specified.
2. If stockpiling is necessary, place materials in approved locations as directed by the Engineer.
   a. Maintain stockpiles in a manner required to prevent unnecessary loss due to erosion from wind or rain. Protect soil and soil stockpiles, including the stockpiles at the soil blender's yard, from wind, rain and washing that can erode soil or separate fines and coarse material, and contamination by chemicals, dust and debris that may be detrimental to plants or soil drainage. Cover stockpiles with plastic sheeting or fabric at the end of each workday.
   b. In no case shall stockpiles remain in excess of 14 days.
   c. Following the completion of all soil placement, immediately remove from the site all excess materials.
   d. Return stockpile area to original condition, at no additional cost to the Owner.
3. Do not dump or store bulk materials near structures, utilities, walkways and pavements, or on existing turf areas or plants.
4. Provide erosion-control measures to prevent erosion or displacement of bulk materials, discharge of soil-bearing water runoff, and airborne dust reaching adjacent properties, water conveyance systems, or walkways.
5. Do not move or handle materials when they are wet or frozen.
6. Accompany each delivery of bulk fertilizers and soil amendments with appropriate certificates.

MATERIALS
General:
1. Amended Bioswale Soil for Bioretention shall be the following:
   a. Manufacturer Pre-designed Planting Mix blended in a manufacturing facility to produce Planting Soil that complies with specifications. Soil test data from Pre-designed Planting Mixes to be used as Planting Soil shall be from testing completed within six months of the submittal date.
2. Amended Bioswale Soil for Bioretention design parameters:
   a. The basis of design blend is intended as a base blend for each type of soil. The Contractor shall provide submittal information to the Landscape Architect to confirm the soil blend is in accordance with mix design parameters. If other mixes are proposed, mix shall comply with testing requirements and design parameters. There shall be no additional cost to Owner for soil mix design modifications.

Planting Soil:
1. Amended Bioswale Soil for Bioretention: Subject to compliance with these requirements, the following basis of design soil blend may be used if it meets the performance requirements as listed or as approved by the Soil Consultant. The mix shall be tested and modified as needed to meet the properties as listed
2. Basis of Design:
   a. Amended Bioswale Soil: Storm 5 Mix by Greendell Landscape Solutions, Mooresville, IN.
3. Physical Testing
   a. Soil Texture:
      Sand; 25 to 80 percent
      Silt: 10 to 50 percent
      Clay: 5 to 25 percent
   b. Permeability: 2 to 7" per hour.
   c. Available Moisture: optimum for ornamental plant growth
4. Chemical Testing: in accordance with requirements for Amended Planting Soil
5. Fertility Testing: in accordance with requirements for Amended Planting Soil

001

GENERAL NOTE:
1. ALL PERENNIAL BEDS SHALL BE PLANTED USING TRIANGULAR PLANTING SCHEME. REFER TO THE PLANTING SCHEDULE FOR ON-CENTER PLANTING DIMENSION.



2 PERENNIAL PLANTING
NOT TO SCALE

PATRICK R. DIERKES REGISTERED No. PE 11900841 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL ENGINEER — 11/20/2024 DATE

DESIGNED: PRD | DRAWN: KDK | CHECKED: NK | CHECKED:

CITY OF BLOOMINGTON
ENGINEERING DEPARTMENT

EAST WINSLOW ROAD RESURFACING
RAIN GARDEN LANDSCAPING DETAILS

HORIZONTAL SCALE	BRIDGE FILE
N.T.S.	N/A
VERTICLE SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	25 of 26
CONTRACT	PROJECT
N/A	WINSLOW RESURFACING

PLOTTED: Tuesday, December 10, 2024 8:59:02 AM

FILE: WINSLOW&HIGH_PLAN_SHEET_RAIN_GARDEN_LANDSCAPING.DWG

Notes:
This plan indicates the breakdown of the Community Crossing Matching Grant section limits only.

NOT FOR CONSTRUCTION

SEC 01

SEC 02

SEC 03

Island Pavement Markings included in Section 01

Island Pavement Markings included in Section 03

17+00 18+00 19+00 20+00 21+00 22+00 23+00 24+00 25+00 26+00 27+00 28+00 29+00 30+00 16+00 15+00 14+00 13+00 12+00 17+00 18+00 19+00 20+00 21+00 22+00

RECOMMENDED FOR APPROVAL _____ ENGINEER DATE

DESIGNED: PRD DRAWN: PRD

CHECKED: NK CHECKED: _____

CITY OF BLOOMINGTON ENGINEERING DEPARTMENT

EAST WINSLOW ROAD RESURFACING COMMUNITY CROSSING MATCHING GRANT SECTION DIVISIONS

HORIZONTAL SCALE	BRIDGE FILE
1" = 40'	N/A
VERTICLE SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	26 of 26
CONTRACT	PROJECT
N/A	WINSLOW RESURFACING

PLOTTED: Thursday, November 21, 2024 4:47:10 PM

FILE: WINSLOW&HIGH_CCMG_BREAKDOWN_SHEET.DWG