

UTILITY CONTACTS

UTILITY LOCATES:

MISSOURI ONE CALL, INC.
10228 NORTHEAST DRIVE
JEFFERSON CITY, MO 65109
(800) 344-7483

WATER:

CHAD HENRY
CONSOLIDATED PUBLIC WATER SUPPLY
DISTRICT #1
1500 N. 7TH STREET
COLUMBIA, MO 65201
(573) 449-8723

GAS:

DAVID HAGENHOFF
AMEREN UE
2001 MAGUIRE BLVD.
COLUMBIA, MO 65201
(573) 876-3030

STORM SEWER:

BOONE COUNTY ROAD & BRIDGE
5551 HIGHWAY 63 SOUTH
COLUMBIA, MO 65201
(573) 449-8515

ELECTRIC:

ANDREW PETRI
BOONE ELECTRIC COOPERATIVE
1413 RANGELINE ROAD
COLUMBIA, MO 65201
(573) 441-7243

COMMUNICATIONS:

WALT MILLER
BRIGHTSPEED (LUMEN)
625 EAST CHERRY STREET
COLUMBIA, MO 65201
(573) 230-7218

VERNON LEIGHTY
SHO-ME TECHNOLOGIES
(417) 859-3573

BOB BONER
MEDIACOM
901 N. COLLEGE AVE.
COLUMBIA, MO 65201
(573) 443-1536 EXT 3779

MATT KOHLY
SOCKET
2703 CLARK LN
COLUMBIA, MO 65202
(573) 289-8633

JEREMY EPPERSON
CHARTER COMMUNICATIONS
1510 BOONE INDUSTRIAL DR.
COLUMBIA, MO 65202
(573) 745-0208

- GENERAL NOTES:
1.

ALL CONSTRUCTION SHALL CONFORM TO THE CURRENT EDITION OF CHAPTER II OF THE ROAD, BRIDGE & RIGHT OF WAY REGULATIONS OF BOONE COUNTY, MISSOURI.
2.

EXISTING UTILITIES WERE NOT LOCATED BY THE COUNTY DURING A FIELD SURVEY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING LOCATE REQUESTS AND VERIFYING LOCATION, CONDITION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
3.

CONSTRUCTION ACTIVITIES ASSOCIATED WITH THESE PLANS SHALL COMPLY WITH CURRENT OSHA REGULATIONS AND REQUIRED SAFETY MEASURES.
4.

LOT LINES, BUILDING SETBACK LINES AND EASEMENT LINES ARE SHOWN FOR GENERAL INFORMATION PURPOSES ONLY. REFER TO THE RECORDED PLATS FOR DETAILED DIMENSIONS AND INFORMATION.
5.

THE CONTRACTOR SHALL PROTECT PERMANENT SURVEY MONUMENTS. SURVEY MONUMENTS REMOVED DURING CONSTRUCTION SHALL BE RESTORED AT THE CONTRACTOR'S EXPENSE BY A LICENSED SURVEYOR REGISTERED IN THE STATE OF MISSOURI.

- TRAFFIC CONTROL NOTES:
1.

THE CONTRACTOR IS RESPONSIBLE FOR ALL TRAFFIC CONTROL DURING CONSTRUCTION. THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (MUTCD) SHALL BE FOLLOWED FOR TEMPORARY TRAFFIC CONTROL OPERATIONS AND DEVICES.
2.

CONTRACTOR SHALL NOTIFY BOONE COUNTY RESOURCE MANAGEMENT A MINIMUM OF 48 HOURS IN ADVANCE OF ROAD OR LANE CLOSURES.

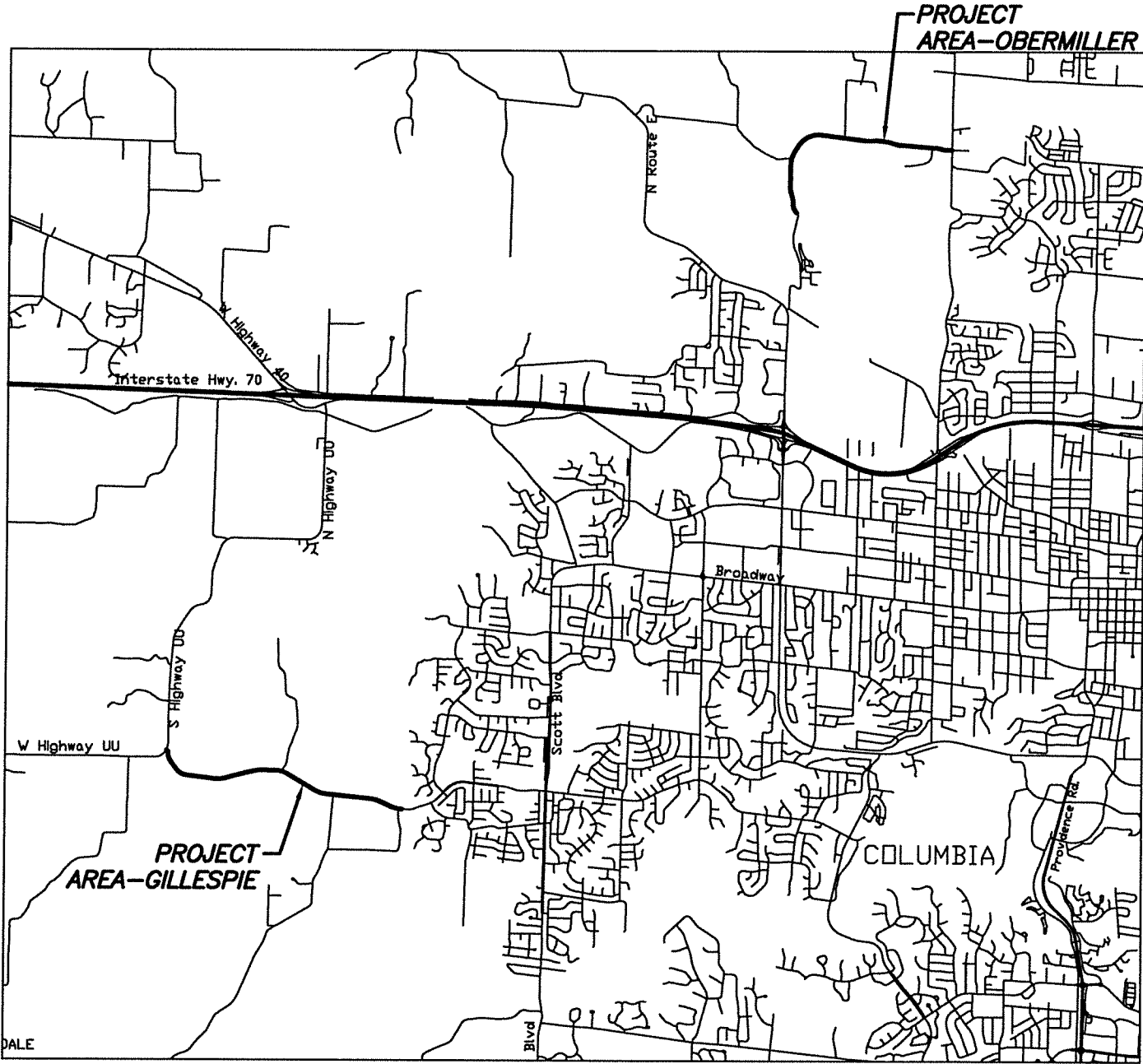
- EROSION CONTROL NOTES:
1.

EROSION CONTROL IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. IT IS RECOMMENDED THAT SEED, FERTILIZER, MULCH AND EROSION CONTROL BLANKET (IF REQUIRED) BE INSTALLED IMMEDIATELY UPON COMPLETION OF EACH DISTURBED AREA AND BE MAINTAINED UNTIL VEGETATION IS RE-ESTABLISHED.

GILLESPIE BRIDGE RD.

GILLESPIE BRIDGE RD. & OBERMILLER RD. ASHALT OVERLAY - 2023

BOONE COUNTY, MISSOURI



LOCATION MAP
NOT TO SCALE

INDEX OF SHEETS	
Sheet Title	Sheet Number
COVER SHEET	1
GILLESPIE BRIDGE RD. PLAN 1	2
GILLESPIE BRIDGE RD. PLAN 2	3
GILLESPIE BRIDGE RD. PLAN 3	4
GILLESPIE BRIDGE RD. PLAN 4	5
GILLESPIE BRIDGE RD. PLAN 5	6
GILLESPIE BRIDGE RD. PLAN 6	7
OBERMILLER RD. PLAN 1	8
OBERMILLER RD. PLAN 2	9
OBERMILLER RD. PLAN 3	10
OBERMILLER RD. PLAN 4	11
OBERMILLER RD. PLAN 5	12
TYPICAL ROAD DETAIL	13
CONCRETE PANEL DETAIL	14
SHOULDER REPAIR DETAILS	15
HWY UU INTERSECTION DETAIL	16
TEMP. SIGNS	17
TEMP. LANE MARKERS	18
MIDWEST GUARDRAIL SYT. (MGS)	19
MGS BLOCK & POSTS	20
MGS 8 FT. POSTS	21
MGS HEIGHT TRANSITION	22
MGS BRIDGE TRANSITIONS 1	23
MGS BRIDGE TRANSITIONS 2	24
END TERM. GRADING LIMITS	25
STRIPING DETAIL	26

GILLESPIE BRIDGE RD. &
OBERMILLER RD. ASHALT
OVERLAY - 2023
GILLESPIE BRIDGE RD.
COVER SHEET

Boone County Resource
Management Department

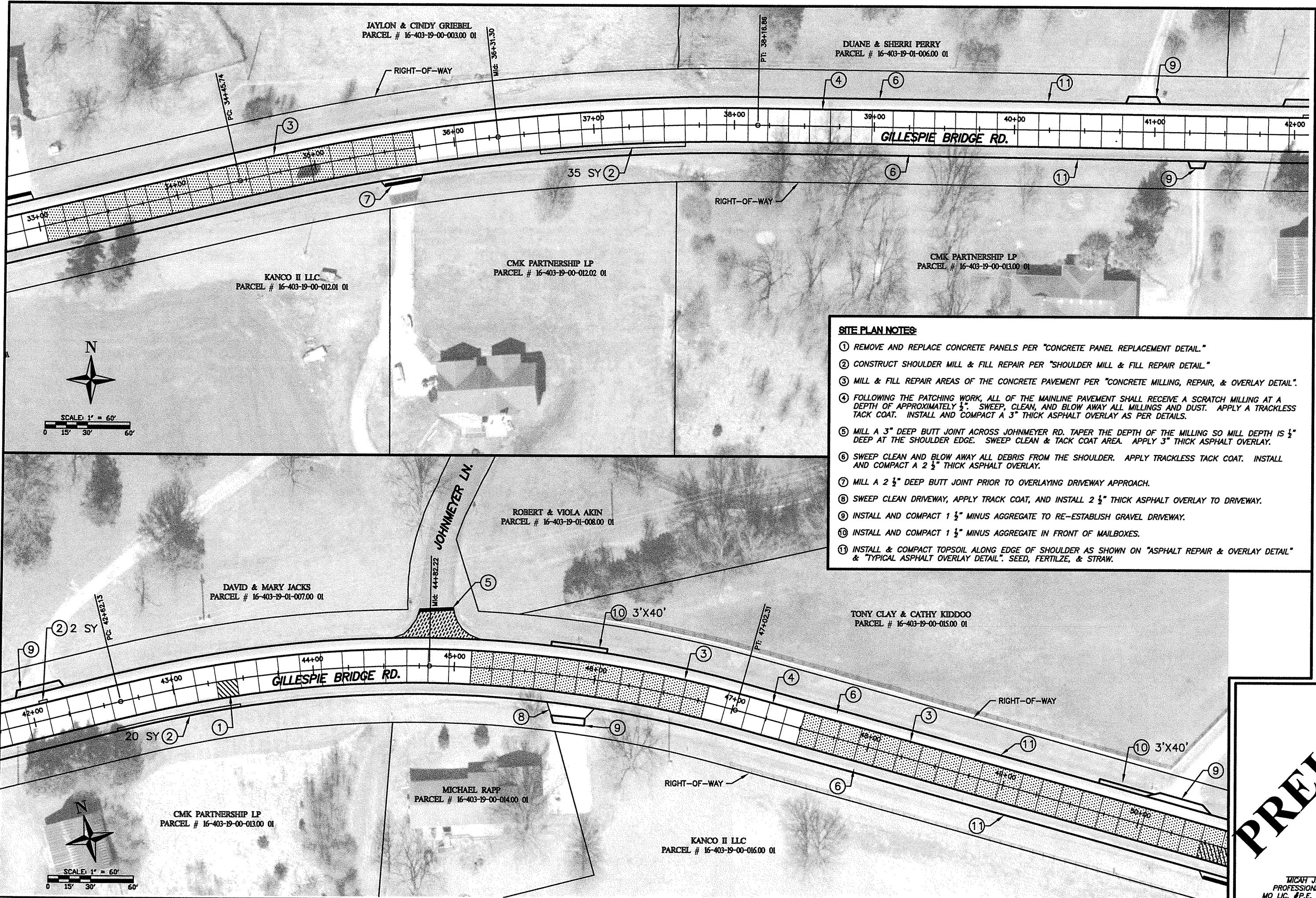
Engineering Division
801 E. Walnut, Room 315
Columbia, Missouri 65201
Phone: 573-886-4480
Fax: 573-886-4340

REVISIONS	
A	DATE

DATE
JAN. 2023

SHEET
1
1 OF 26

PRELIM.



- SITE PLAN NOTES:**
- ① REMOVE AND REPLACE CONCRETE PANELS PER "CONCRETE PANEL REPLACEMENT DETAIL."
 - ② CONSTRUCT SHOULDER MILL & FILL REPAIR PER "SHOULDER MILL & FILL REPAIR DETAIL."
 - ③ MILL & FILL REPAIR AREAS OF THE CONCRETE PAVEMENT PER "CONCRETE MILLING, REPAIR, & OVERLAY DETAIL."
 - ④ FOLLOWING THE PATCHING WORK, ALL OF THE MAINLINE PAVEMENT SHALL RECEIVE A SCRATCH MILLING AT A DEPTH OF APPROXIMATELY 1/2". SWEEP, CLEAN, AND BLOW AWAY ALL MILLINGS AND DUST. APPLY A TRACKLESS TACK COAT. INSTALL AND COMPACT A 3" THICK ASPHALT OVERLAY AS PER DETAILS.
 - ⑤ MILL A 3" DEEP BUTT JOINT ACROSS JOHNMEYER RD. TAPER THE DEPTH OF THE MILLING SO MILL DEPTH IS 1/2" DEEP AT THE SHOULDER EDGE. SWEEP CLEAN & TACK COAT AREA. APPLY 3" THICK ASPHALT OVERLAY.
 - ⑥ SWEEP CLEAN AND BLOW AWAY ALL DEBRIS FROM THE SHOULDER. APPLY TRACKLESS TACK COAT. INSTALL AND COMPACT A 2 1/2" THICK ASPHALT OVERLAY.
 - ⑦ MILL A 2 1/2" DEEP BUTT JOINT PRIOR TO OVERLAYING DRIVEWAY APPROACH.
 - ⑧ SWEEP CLEAN DRIVEWAY, APPLY TRACK COAT, AND INSTALL 2 1/2" THICK ASPHALT OVERLAY TO DRIVEWAY.
 - ⑨ INSTALL AND COMPACT 1 1/2" MINUS AGGREGATE TO RE-ESTABLISH GRAVEL DRIVEWAY.
 - ⑩ INSTALL AND COMPACT 1 1/2" MINUS AGGREGATE IN FRONT OF MAILBOXES.
 - ⑪ INSTALL & COMPACT TOPSOIL ALONG EDGE OF SHOULDER AS SHOWN ON "ASPHALT REPAIR & OVERLAY DETAIL" & "TYPICAL ASPHALT OVERLAY DETAIL". SEED, FERTILIZE, & STRAW.

GILLESPIE BRIDGE RD. &
OBERMILLER RD. ASHALT
OVERLAY - 2023
GILLESPIE BRIDGE RD.
GILLESPIE BRIDGE RD. PLAN 3

Boone County Resource
Management Department
Engineering Division
801 E. Walnut, Room 315 Phone: 573-886-4480
Columbia, Missouri 65201 Fax: 573-886-4340

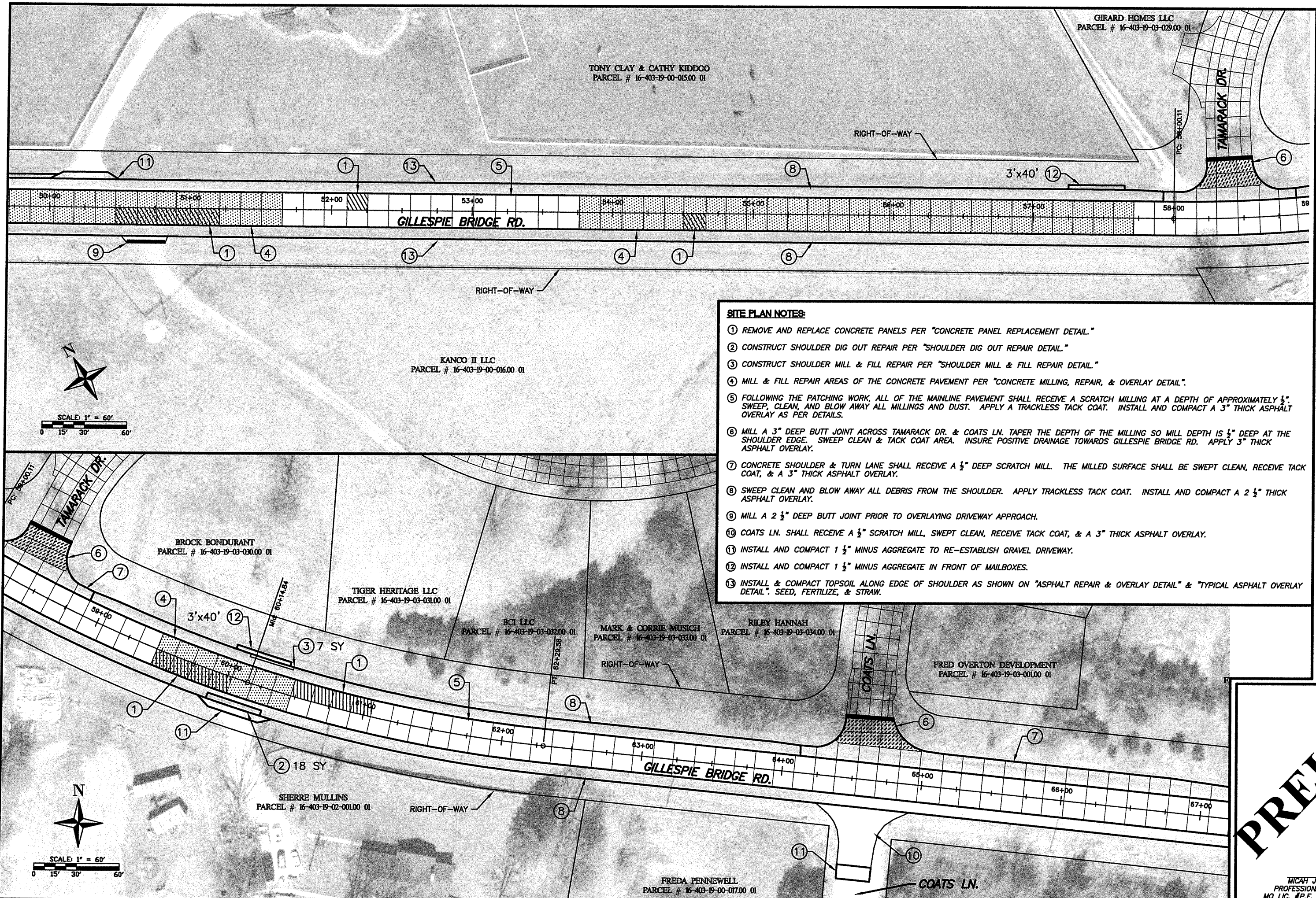
REVISIONS	
DATE	

DATE
JAN. 2023

SHEET
4
4 OF 26

PRELIM.


MICAH J. TAYLOR
PROFESSIONAL ENGINEER
MO LIC. #P.E. - 2013019123



- SITE PLAN NOTES:**
- ① REMOVE AND REPLACE CONCRETE PANELS PER "CONCRETE PANEL REPLACEMENT DETAIL."
 - ② CONSTRUCT SHOULDER DIG OUT REPAIR PER "SHOULDER DIG OUT REPAIR DETAIL."
 - ③ CONSTRUCT SHOULDER MILL & FILL REPAIR PER "SHOULDER MILL & FILL REPAIR DETAIL."
 - ④ MILL & FILL REPAIR AREAS OF THE CONCRETE PAVEMENT PER "CONCRETE MILLING, REPAIR, & OVERLAY DETAIL."
 - ⑤ FOLLOWING THE PATCHING WORK, ALL OF THE MAINLINE PAVEMENT SHALL RECEIVE A SCRATCH MILLING AT A DEPTH OF APPROXIMATELY 1/2". SWEEP, CLEAN, AND BLOW AWAY ALL MILLINGS AND DUST. APPLY A TRACKLESS TACK COAT. INSTALL AND COMPACT A 3" THICK ASPHALT OVERLAY AS PER DETAILS.
 - ⑥ MILL A 3" DEEP BUTT JOINT ACROSS TAMARACK DR. & COATS LN. TAPER THE DEPTH OF THE MILLING SO MILL DEPTH IS 1/2" DEEP AT THE SHOULDER EDGE. SWEEP CLEAN & TACK COAT AREA. INSURE POSITIVE DRAINAGE TOWARDS GILLESPIE BRIDGE RD. APPLY 3" THICK ASPHALT OVERLAY.
 - ⑦ CONCRETE SHOULDER & TURN LANE SHALL RECEIVE A 1/2" DEEP SCRATCH MILL. THE MILLED SURFACE SHALL BE SWEEPED CLEAN, RECEIVE TACK COAT, & A 3" THICK ASPHALT OVERLAY.
 - ⑧ SWEEP CLEAN AND BLOW AWAY ALL DEBRIS FROM THE SHOULDER. APPLY TRACKLESS TACK COAT. INSTALL AND COMPACT A 2 1/2" THICK ASPHALT OVERLAY.
 - ⑨ MILL A 2 1/2" DEEP BUTT JOINT PRIOR TO OVERLAYING DRIVEWAY APPROACH.
 - ⑩ COATS LN. SHALL RECEIVE A 1/2" SCRATCH MILL, SWEEPED CLEAN, RECEIVE TACK COAT, & A 3" THICK ASPHALT OVERLAY.
 - ⑪ INSTALL AND COMPACT 1 1/2" MINUS AGGREGATE TO RE-ESTABLISH GRAVEL DRIVEWAY.
 - ⑫ INSTALL AND COMPACT 1 1/2" MINUS AGGREGATE IN FRONT OF MAILBOXES.
 - ⑬ INSTALL & COMPACT TOPSOIL ALONG EDGE OF SHOULDER AS SHOWN ON "ASPHALT REPAIR & OVERLAY DETAIL" & "TYPICAL ASPHALT OVERLAY DETAIL". SEED, FERTILIZE, & STRAW.

GILLESPIE BRIDGE RD. &
OBERMILLER RD. ASHALT
OVERLAY - 2023
GILLESPIE BRIDGE RD.
GILLESPIE BRIDGE RD. PLAN 4

Boone County Resource
Management Department
Engineering Division
801 E. Walnut, Room 315
Columbia, Missouri 65201
Phone: 573-886-4480
Fax: 573-886-4340



REVISIONS	
DATE	

DATE
JAN. 2023

SHEET
5
5 OF 26

PRELIM.

MICAH J. TAYLOR
PROFESSIONAL ENGINEER
MO LIC. #P.E. - 2013019123

FRED OVERTON DEVELOPMENT
PARCEL # 16-403-19-03-036.00 01

MARGARET ANDREWS
PARCEL # 16-403-19-00-018.00 01

FREDA PENNEWELL
PARCEL # 16-403-19-00-017.00 01

MARGARET ANDREWS
PARCEL # 16-403-19-00-018.00 01

FREDA PENNEWELL
PARCEL # 16-403-19-00-017.00 01

SITE PLAN NOTES:

- ① REMOVE AND REPLACE CONCRETE PANELS PER "CONCRETE PANEL REPLACEMENT DETAIL."
- ② FOLLOWING THE PATCHING WORK, ALL OF THE MAINLINE PAVEMENT SHALL RECEIVE A SCRATCH MILLING AT A DEPTH OF APPROXIMATELY $\frac{1}{2}$ ". SWEEP, CLEAN, AND BLOW AWAY ALL MILLINGS AND DUST. APPLY A TRACKLESS TACK COAT. INSTALL AND COMPACT A 3" THICK ASPHALT OVERLAY AS PER DETAILS.
- ③ CONCRETE SHOULDER & TURN LANE SHALL RECEIVE A $\frac{1}{2}$ " DEEP SCRATCH MILL. THE MILLED SURFACE SHALL BE SWEEPED CLEAN, RECEIVE TACK COAT, & A 3" THICK ASPHALT OVERLAY.
- ④ SWEEP CLEAN AND BLOW AWAY ALL DEBRIS FROM THE SHOULDER. APPLY TRACKLESS TACK COAT. INSTALL AND COMPACT A 2 $\frac{1}{2}$ " THICK ASPHALT OVERLAY.
- ⑤ SEE NEXT PLAN SHEET FOR GUARDRAIL INSTRUCTIONS.
- ⑥ INSTALL & COMPACT TOPSOIL ALONG EDGE OF SHOULDER AS SHOWN ON "ASPHALT REPAIR & OVERLAY DETAIL" & "TYPICAL ASPHALT OVERLAY DETAIL". SEED, FERTILIZE, & STRAW.

GILLESPIE BRIDGE RD. &
OBERMILLER RD. ASHALT
OVERLAY - 2023
GILLESPIE BRIDGE RD.
GILLESPIE BRIDGE RD. PLAN 5

Boone County Resource
Management Department
Engineering Division
801 E. Walnut, Room 315 Phone: 573-986-4480
Columbia, Missouri 65201 Fax: 573-986-4340



REVISIONS	
DATE	

DATE
JAN. 2023

SHEET
6
6 OF 26

PRELIM.

MICAH J. TAYLOR
PROFESSIONAL ENGINEER
MO LIC. #P.E. - 2013019123

SITE PLAN NOTES:

- ① REMOVE AND REPLACE CONCRETE PANELS PER "CONCRETE PANEL REPLACEMENT DETAIL."
- ② REMOVE ALL EXISTING GUARDRAIL & POSTS TO THE CONCRETE BRIDGE RAIL.
- ③ CONSTRUCT A SHOULDER DIG OUT REPAIR WITH 6" THICK LAYER OF COMPACTED AGGREGATE BASE, FOLLOWED BY 4" THICK BP-2 ASPHALT SURFACE LIFT. ASPHALT SURFACE SHALL MATCH FINISHED ASPHALT SURFACE OF THE MAINLINE.
- ④ MILL A BUTT JOINT WITH 3" OF DEPTH AT THE BRIDGE JOINT. CONTINUE MILLING TO THE WEST, TAPERING THE DEPTH OF THE MILL UNTIL AT APPROXIMATELY 77 FEET, THE MILL DEPTH IS $\frac{1}{2}$ ". FROM THIS POINT THE PAVEMENT SHALL BE SCRATCH MILLED AS DISCUSSED IN NOTE 3. MILLED AREA SHALL BE SWEEPED CLEAN OF ALL MILLINGS AND DEBRIS.
- ⑤ FOLLOWING THE PATCHING WORK, ALL OF THE MAINLINE PAVEMENT SHALL RECEIVE A SCRATCH MILLING AT A DEPTH OF APPROXIMATELY $\frac{1}{2}$ ". SWEEP, CLEAN, AND BLOW AWAY ALL MILLINGS AND DUST. APPLY A TRACKLESS TACK COAT. INSTALL AND COMPACT A 3" THICK ASPHALT OVERLAY AS PER DETAILS.
- ⑥ SWEEP CLEAN AND BLOW AWAY ALL DEBRIS FROM THE SHOULDER. APPLY TRACKLESS TACK COAT. INSTALL AND COMPACT A 2 $\frac{1}{2}$ " THICK ASPHALT OVERLAY.
- ⑦ INSTALL & COMPACT 1 $\frac{1}{2}$ " MINUS AGGREGATE TO HEIGHT OF THE FINISHED SHOULDER IN AREAS WHERE THERE WAS EXISTING GUARDRAIL.
- ⑧ CONNECT NEW THRIE BEAM RAIL TO CONCRETE BRIDGE. CONTINUE WITH A THRIE BEAM TRANSITION AS DETAILED IN MODOT "DETAIL 606.60B". IF POSSIBLE, TRY & BRING THE TOP OF THE THRIE BEAM RAIL UP TO STANDARD 31" HEIGHT AS QUICK AS POSSIBLE. CONTINUE WITH MGS 31" HEIGHT GUARDRAIL IN ACCORDANCE WITH MODOT STANDARD DETAILS. THE GUARDRAIL MAY REQUIRE THE USE OF POSTS THAT ARE 8 FEET IN LENGTH. THE ENDS OF BOTH THE NORTH GUARDRAIL AND THE SOUTH GUARDRAIL SHALL RECEIVE CRASH WORTHY END TERMINALS.
- ⑨ INSTALL & COMPACT TOPSOIL ALONG EDGE OF SHOULDER AS SHOWN ON "ASPHALT REPAIR & OVERLAY DETAIL" & "TYPICAL ASPHALT OVERLAY DETAIL". SEED, FERTILIZE, & STRAW.

GILLESPIE BRIDGE RD. &
OBERMILLER RD. ASHALT
OVERLAY - 2023
GILLESPIE BRIDGE RD.
GILLESPIE BRIDGE RD. PLAN 6

Boone County Resource
Management Department
Engineering Division
801 E. Walnut, Room 315 Phone: 573-886-4480
Columbia, Missouri 65201 Fax: 573-886-4340



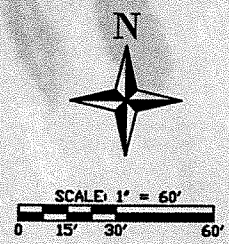
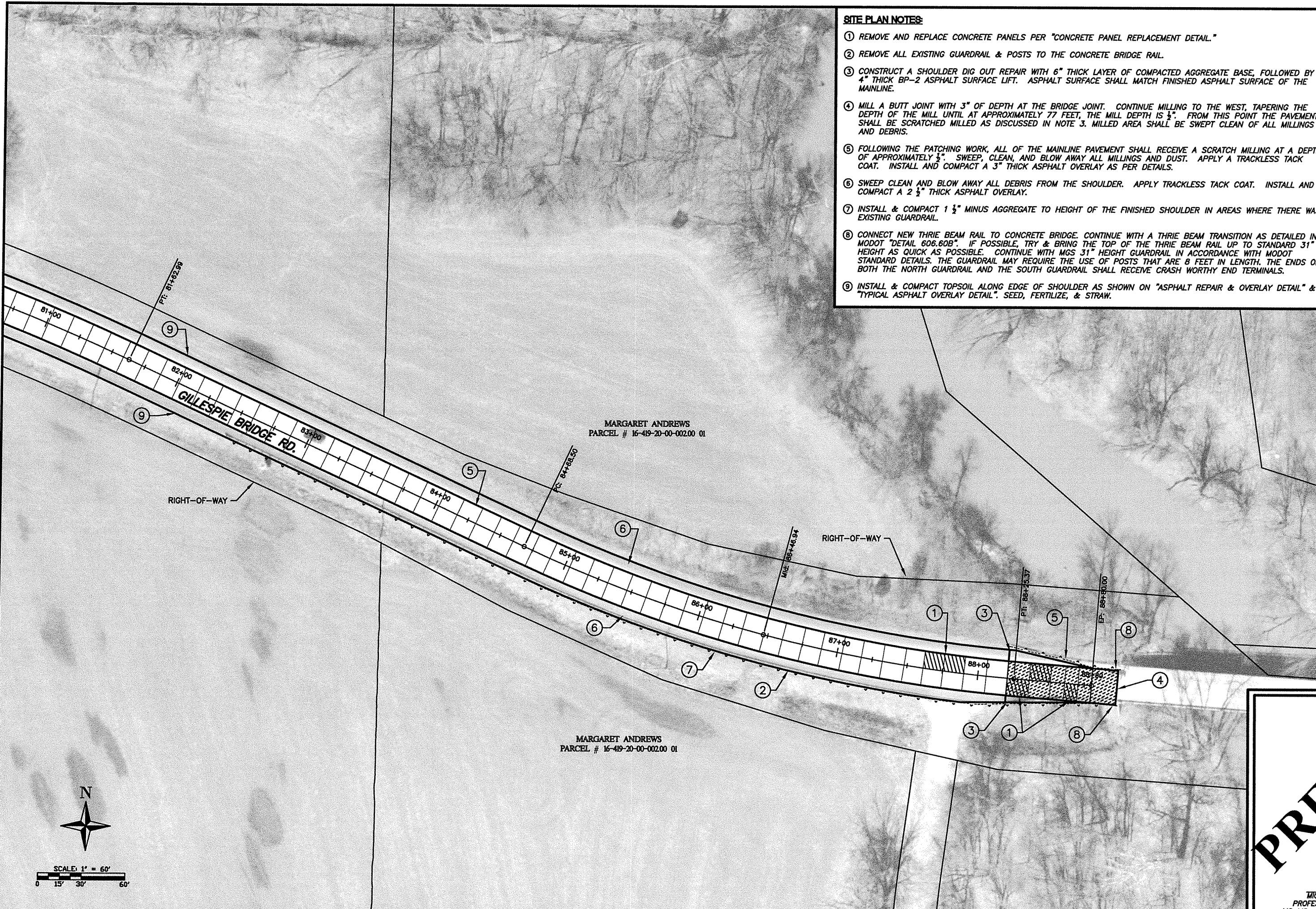
REVISIONS	
DATE	

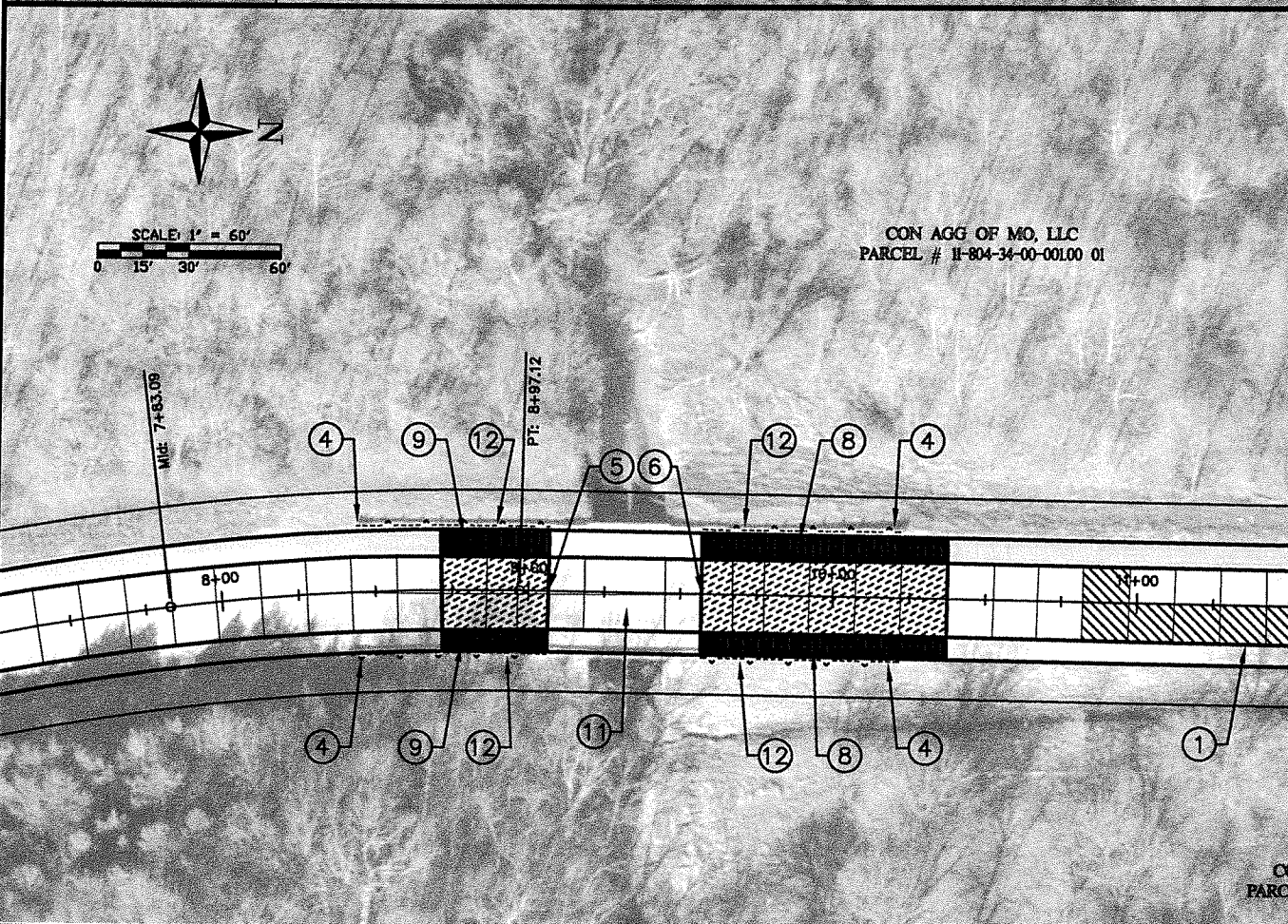
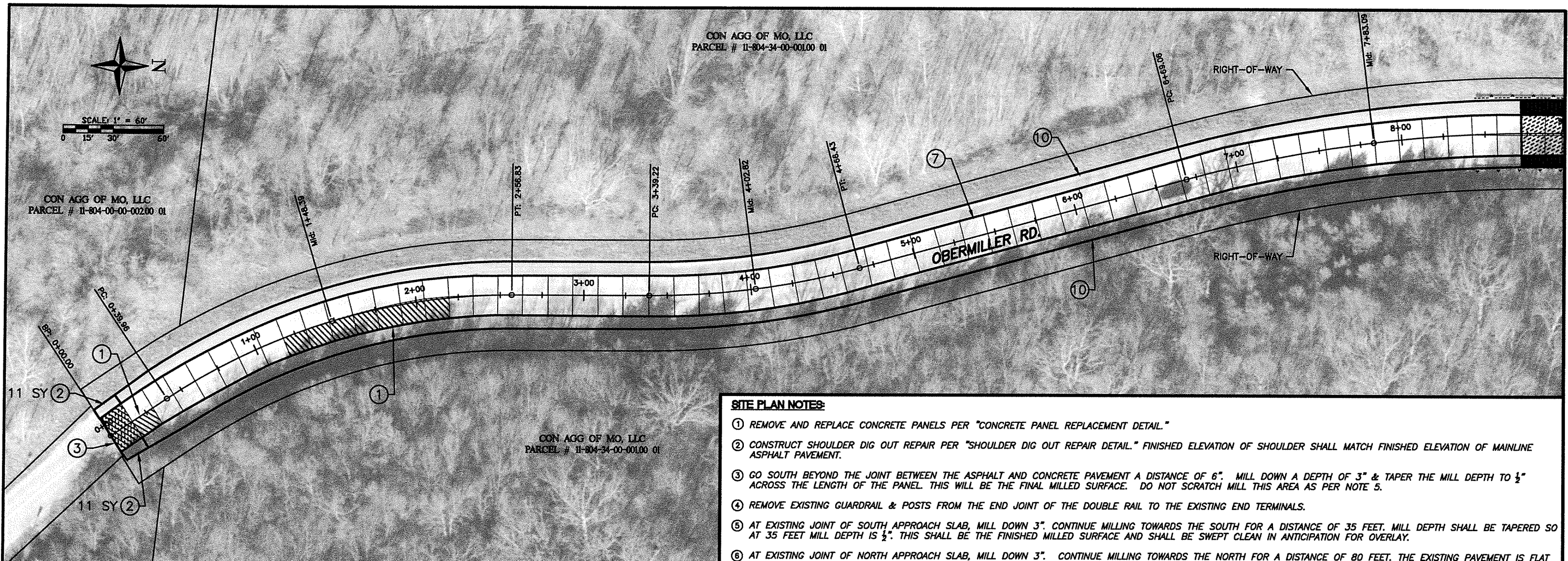
DATE
JAN. 2023

SHEET
7
7 OF 26

PRELIM.

MICAH J. TAYLOR
PROFESSIONAL ENGINEER
MO LIC. #P.E. - 2013019123





- SITE PLAN NOTES:**
- ① REMOVE AND REPLACE CONCRETE PANELS PER "CONCRETE PANEL REPLACEMENT DETAIL."
 - ② CONSTRUCT SHOULDER DIG OUT REPAIR PER "SHOULDER DIG OUT REPAIR DETAIL." FINISHED ELEVATION OF SHOULDER SHALL MATCH FINISHED ELEVATION OF MAINLINE ASPHALT PAVEMENT.
 - ③ GO SOUTH BEYOND THE JOINT BETWEEN THE ASPHALT AND CONCRETE PAVEMENT A DISTANCE OF 6". MILL DOWN A DEPTH OF 3" & TAPER THE MILL DEPTH TO ½" ACROSS THE LENGTH OF THE PANEL. THIS WILL BE THE FINAL MILLED SURFACE. DO NOT SCRATCH MILL THIS AREA AS PER NOTE 5.
 - ④ REMOVE EXISTING GUARDRAIL & POSTS FROM THE END JOINT OF THE DOUBLE RAIL TO THE EXISTING END TERMINALS.
 - ⑤ AT EXISTING JOINT OF SOUTH APPROACH SLAB, MILL DOWN 3". CONTINUE MILLING TOWARDS THE SOUTH FOR A DISTANCE OF 35 FEET. MILL DEPTH SHALL BE TAPERED SO AT 35 FEET MILL DEPTH IS ½". THIS SHALL BE THE FINISHED MILLED SURFACE AND SHALL BE SWEEPED CLEAN IN ANTICIPATION FOR OVERLAY.
 - ⑥ AT EXISTING JOINT OF NORTH APPROACH SLAB, MILL DOWN 3". CONTINUE MILLING TOWARDS THE NORTH FOR A DISTANCE OF 80 FEET. THE EXISTING PAVEMENT IS FLAT WITH A MINOR RISE. MILLING DEPTH WILL TAPER FROM 3" AT THE START TO 2" FOR THE FIRST 50 FEET. THE REMAINING 30 FEET MILL DEPTH SHALL TAPER FOR 2" TO ½". THIS WILL BE THE FINAL MILLED SURFACE & SHALL BE SWEEPED CLEAN PRIOR TO OVERLAY.
 - ⑦ FOLLOWING THE PATCHING WORK, ALL OF THE MAINLINE PAVEMENT SHALL RECEIVE A SCRATCH MILLING AT A DEPTH OF APPROXIMATELY ½". SWEEP, CLEAN, AND BLOW AWAY ALL MILLINGS AND DUST. APPLY A TRACKLESS TACK COAT. INSTALL AND COMPACT A 3" THICK ASPHALT OVERLAY AS PER DETAILS.
 - ⑧ AT EXISTING CONCRETE & ASPHALT SHOULDER JOINT, MILL ASPHALT SHOULDER TO A DEPTH OF 2". CONTINUE MILLING TO THE NORTH FOR A DISTANCE OF 80 FEET. TAPER MILL DEPTH ALONG LENGTH UNTIL AT 80 FEET, DEPTH IS ZERO. SWEEP CLEAN, TACK, & INSTALL BP-2 ASPHALT SURFACE, MATCHING FINISHED SURFACE ELEVATION FROM MAINLINE OVERLAY.
 - ⑨ AT EXISTING CONCRETE & ASPHALT SHOULDER JOINT, MILL ASPHALT SHOULDER TO A DEPTH OF 2". CONTINUE MILLING TO THE SOUTH FOR A DISTANCE OF 35 FEET. TAPER MILL DEPTH ALONG LENGTH UNTIL AT 35 FEET, DEPTH IS ZERO. SWEEP CLEAN, TACK, & INSTALL BP-2 ASPHALT SURFACE, MATCHING FINISHED SURFACE ELEVATION FROM MAINLINE OVERLAY.
 - ⑩ SWEEP, CLEAN, AND BLOW AWAY ALL DEBRIS FROM THE SHOULDER. APPLY TRACKLESS TACK COAT. INSTALL AND COMPACT A 2 ½" THICK ASPHALT OVERLAY.
 - ⑪ DO NOT OVERLAY MAINLINE PAVEMENT OR SHOULDER ABOVE BOX CULVERT.
 - ⑫ INSTALL, COMPACT, & GRADE TOPSOIL TO ELIMINATE SHOULDER EDGE DROP-OFFS & PER DETAIL 606.81B. INSTALL GUARDRAIL TRANSITION SECTION PER MODOT "DETAIL 606.50E". FROM END OF TRANSITION SECTION, INSTALL MGS POSTS & GUARDRAIL PER MODOT DETAILS FOR A DISTANCE OF 50 FEET. INSTALL CRASH WORTHY END TERMINALS PER DETAIL 606.81B.
 - ⑬ INSTALL & COMPACT TOPSOIL ALONG EDGE OF SHOULDER AS SHOWN ON "ASPHALT REPAIR & OVERLAY DETAIL" & "TYPICAL ASPHALT OVERLAY DETAIL". SEED, FERTILIZE, & STRAW.

GILLESPIE BRIDGE RD. &
OBERMILLER RD. ASPHALT
OVERLAY - 2023
OBERMILLER RD.
OBERMILLER RD. PLAN 1

Boone County Resource
Management Department

Engineering Division
801 E. Walnut, Room 315
Columbia, Missouri 65201
Phone: 573-886-4480
Fax: 573-886-4340

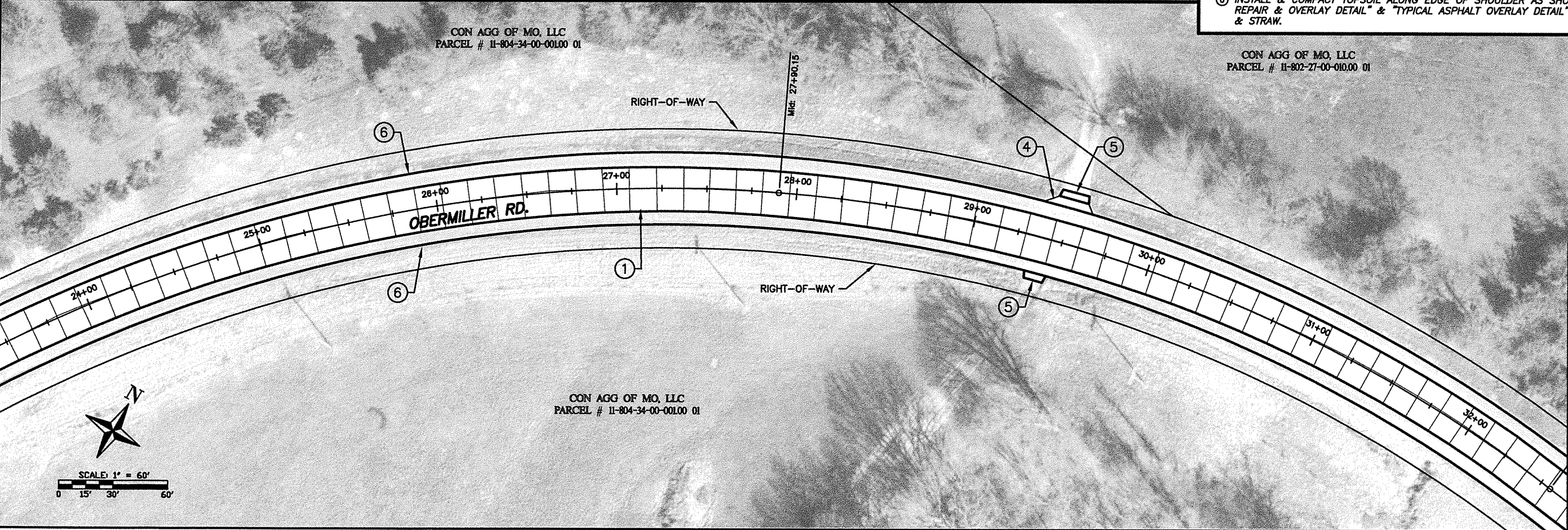
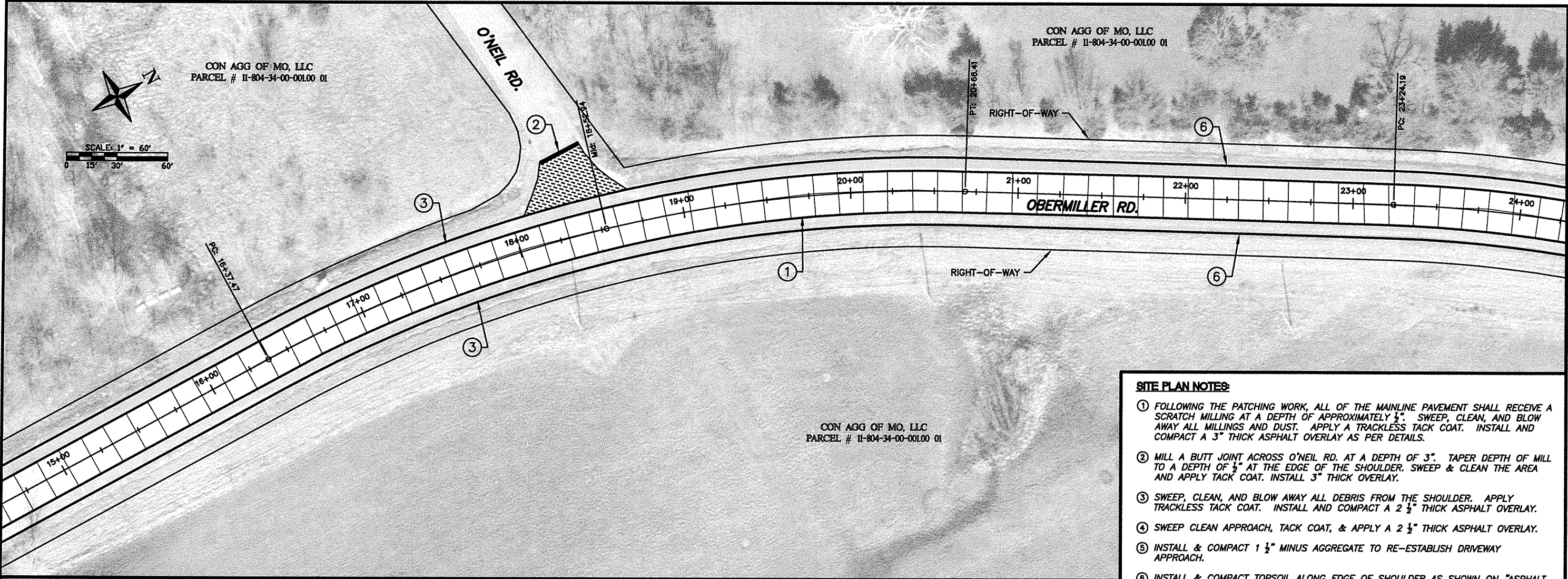
REVISIONS	
Δ	DATE

DATE
JAN. 2023

SHEET
8
8 OF 26

PRELIM.

WICAH J. TAYLOR
PROFESSIONAL ENGINEER
MO LIC. #PE-2013019123




- SITE PLAN NOTES:**
- ① FOLLOWING THE PATCHING WORK, ALL OF THE MAINLINE PAVEMENT SHALL RECEIVE A SCRATCH MILLING AT A DEPTH OF APPROXIMATELY $\frac{1}{2}$ ". SWEEP, CLEAN, AND BLOW AWAY ALL MILLINGS AND DUST. APPLY A TRACKLESS TACK COAT. INSTALL AND COMPACT A 3" THICK ASPHALT OVERLAY AS PER DETAILS.
 - ② MILL A BUTT JOINT ACROSS O'NEIL RD. AT A DEPTH OF 3". TAPER DEPTH OF MILL TO A DEPTH OF $\frac{1}{2}$ " AT THE EDGE OF THE SHOULDER. SWEEP & CLEAN THE AREA AND APPLY TACK COAT. INSTALL 3" THICK OVERLAY.
 - ③ SWEEP, CLEAN, AND BLOW AWAY ALL DEBRIS FROM THE SHOULDER. APPLY TRACKLESS TACK COAT. INSTALL AND COMPACT A 2 $\frac{1}{2}$ " THICK ASPHALT OVERLAY.
 - ④ SWEEP CLEAN APPROACH, TACK COAT, & APPLY A 2 $\frac{1}{2}$ " THICK ASPHALT OVERLAY.
 - ⑤ INSTALL & COMPACT 1 $\frac{1}{2}$ " MINUS AGGREGATE TO RE-ESTABLISH DRIVEWAY APPROACH.
 - ⑥ INSTALL & COMPACT TOPSOIL ALONG EDGE OF SHOULDER AS SHOWN ON "ASPHALT REPAIR & OVERLAY DETAIL" & "TYPICAL ASPHALT OVERLAY DETAIL". SEED, FERTILIZE, & STRAW.

GILLESPIE BRIDGE RD. &
OBERMILLER RD. ASPHALT
OVERLAY - 2023
OBERMILLER RD.
OBERMILLER RD. PLAN 2

Boone County Resource
Management Department

Engineering Division
801 E. Walnut, Room 315
Columbia, Missouri 65201
Phone: 573-886-4460
Fax: 573-886-4940



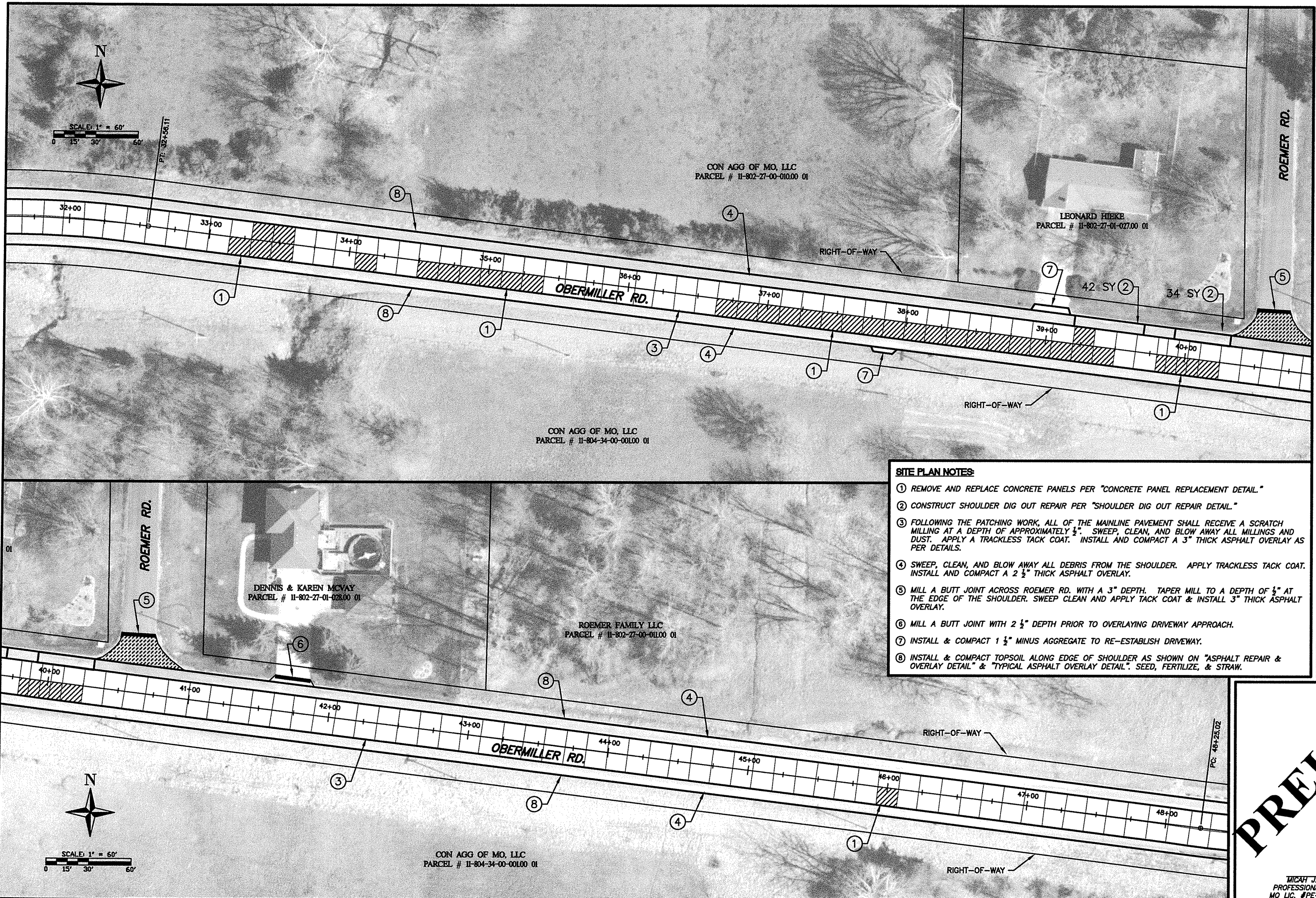
REVISIONS	
DATE	

DATE
JAN. 2023

SHEET
9
9 OF 26

PRELIM.


MICAH J. TAYLOR
PROFESSIONAL ENGINEER
MO LIC. #PE-2013019123



- SITE PLAN NOTES:**
- ① REMOVE AND REPLACE CONCRETE PANELS PER "CONCRETE PANEL REPLACEMENT DETAIL."
 - ② CONSTRUCT SHOULDER DIG OUT REPAIR PER "SHOULDER DIG OUT REPAIR DETAIL."
 - ③ FOLLOWING THE PATCHING WORK, ALL OF THE MAINLINE PAVEMENT SHALL RECEIVE A SCRATCH MILLING AT A DEPTH OF APPROXIMATELY $\frac{1}{2}$ ". SWEEP, CLEAN, AND BLOW AWAY ALL MILLINGS AND DUST. APPLY A TRACKLESS TACK COAT. INSTALL AND COMPACT A 3" THICK ASPHALT OVERLAY AS PER DETAILS.
 - ④ SWEEP, CLEAN, AND BLOW AWAY ALL DEBRIS FROM THE SHOULDER. APPLY TRACKLESS TACK COAT. INSTALL AND COMPACT A 2 $\frac{1}{2}$ " THICK ASPHALT OVERLAY.
 - ⑤ MILL A BUTT JOINT ACROSS ROEMER RD. WITH A 3" DEPTH. TAPER MILL TO A DEPTH OF $\frac{1}{2}$ " AT THE EDGE OF THE SHOULDER. SWEEP CLEAN AND APPLY TACK COAT & INSTALL 3" THICK ASPHALT OVERLAY.
 - ⑥ MILL A BUTT JOINT WITH 2 $\frac{1}{2}$ " DEPTH PRIOR TO OVERLAYING DRIVEWAY APPROACH.
 - ⑦ INSTALL & COMPACT 1 $\frac{1}{2}$ " MINUS AGGREGATE TO RE-ESTABLISH DRIVEWAY.
 - ⑧ INSTALL & COMPACT TOPSOIL ALONG EDGE OF SHOULDER AS SHOWN ON "ASPHALT REPAIR & OVERLAY DETAIL" & "TYPICAL ASPHALT OVERLAY DETAIL". SEED, FERTILIZE, & STRAW.

GILLESPIE BRIDGE RD. &
OBERMILLER RD. ASPHALT
OVERLAY - 2023
OBERMILLER RD.
OBERMILLER RD. PLAN 3

Boone County Resource
Management Department
Engineering Division
801 E. Walnut, Room 315
Columbia, Missouri 65201
Phone: 573-886-4483
Fax: 573-886-4940



REVISIONS	
DATE	

DATE
JAN. 2023

SHEET
10
10 OF 26

PRELIM.

MICAH J. TAYLOR
PROFESSIONAL ENGINEER
MO LIC. #PE-2013019123



SCALE: 1" = 60'
0 15' 30' 60'

ROEMER FAMILY LLC
PARCEL # 11-802-27-00-01100 01

RIGHT-OF-WAY

ROEMER FAMILY LLC
PARCEL # 11-802-27-00-01100 01

OBERMILLER RD.

CON AGG OF MO, LLC
PARCEL # 11-804-34-00-00100 01

RICHARD & APRIL NIXON
PARCEL # 11-903-35-00-00600 01

RIGHT-OF-WAY

21 SY

ROEMER FAMILY LLC
PARCEL # 11-802-27-00-01100 01

WILLIAM SCHMIDT JR
PARCEL # 11-903-35-00-00500 01

RIGHT-OF-WAY

OBERMILLER RD.

15'x30'
MAINT. WORK
AUTHOR.

DEBORAH TRUESDELL
PARCEL # 11-903-35-00-00400 01

JERRY & DIANA KELLY
PARCEL # 11-903-35-00-00300 01

SITE PLAN NOTES:

- ① REMOVE AND REPLACE CONCRETE PANELS PER "CONCRETE PANEL REPLACEMENT DETAIL."
- ② CONSTRUCT SHOULDER DIG OUT REPAIR PER "SHOULDER DIG OUT REPAIR DETAIL."
- ③ MILL & FILL REPAIR AREAS OF THE CONCRETE PAVEMENT PER "CONCRETE MILLING, REPAIR, & OVERLAY DETAIL".
- ④ FOLLOWING THE PATCHING WORK, ALL OF THE MAINLINE PAVEMENT SHALL RECEIVE A SCRATCH MILLING AT A DEPTH OF APPROXIMATELY $\frac{1}{2}$ ". SWEEP, CLEAN, AND BLOW AWAY ALL MILLINGS AND DUST. APPLY A TRACKLESS TACK COAT. INSTALL AND COMPACT A 3" THICK ASPHALT OVERLAY AS PER DETAILS.
- ⑤ SWEEP, CLEAN, AND BLOW AWAY ALL DEBRIS FROM THE SHOULDER. APPLY TRACKLESS TACK COAT. INSTALL AND COMPACT A 2 $\frac{1}{2}$ " THICK ASPHALT OVERLAY.
- ⑥ EXISTING GUARDRAIL SHALL REMAIN IN PLACE. EDGE OF SHOULDER OVERLAY SHALL BE PLACED PLUMB WITH THE FACE OF THE RAIL.
- ⑦ SWEEP CLEAN DEBRIS FROM EXISTING ASPHALT APPROACH, APPLY TACK COAT, & APPLY 2 $\frac{1}{2}$ " ASPHALT OVERLAY.
- ⑧ MILL A BUTT JOINT WITH 2 $\frac{1}{2}$ " DEPTH PRIOR TO OVERLAYING DRIVEWAY APPROACH.
- ⑨ INSTALL & COMPACT 1 $\frac{1}{2}$ " MINUS AGGREGATE TO RE-ESTABLISH DRIVEWAY.
- ⑩ INSTALL & COMPACT TOPSOIL ALONG EDGE OF SHOULDER AS SHOWN ON "ASPHALT REPAIR & OVERLAY DETAIL" & "TYPICAL ASPHALT OVERLAY DETAIL". SEED, FERTILIZE, & STRAW.

GILLESPIE BRIDGE RD. &
OBERMILLER RD. ASPHALT
OVERLAY - 2023
OBERMILLER RD.
OBERMILLER RD. PLAN 4

Boone County Resource
Management Department
Engineering Division
801 E. Walnut, Room 315
Columbia, Missouri 65201
Phone: 573-886-4480
Fax: 573-886-4340



REVISIONS	
DATE	

DATE
JAN. 2023

SHEET
11
11 OF 26

PRELIM.

MICAH J. TAYLOR
PROFESSIONAL ENGINEER
MO LIC. #PE-2013019123



REVISIONS	
DATE	

DATE
JAN. 2023

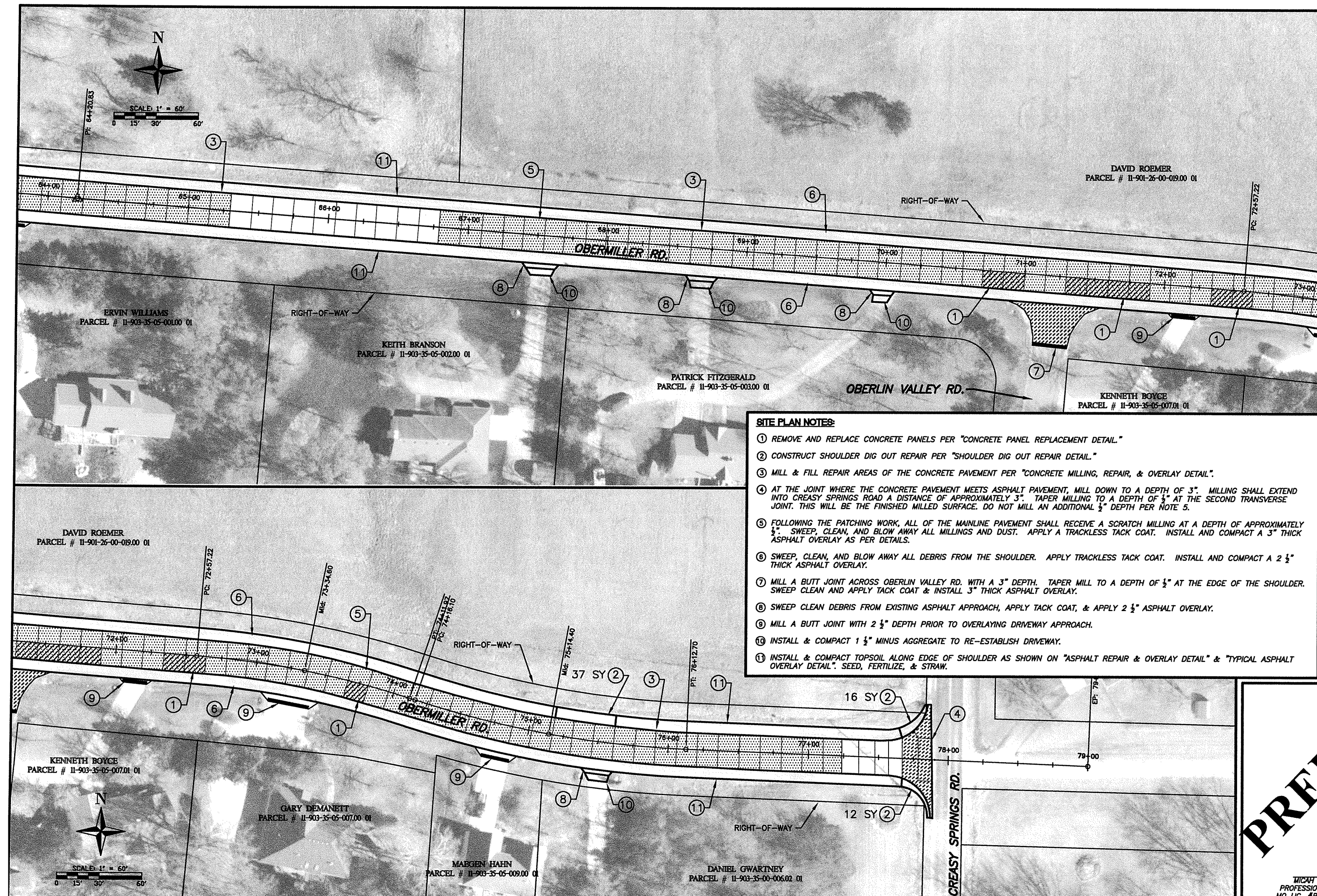
SHEET
12
12 OF 26

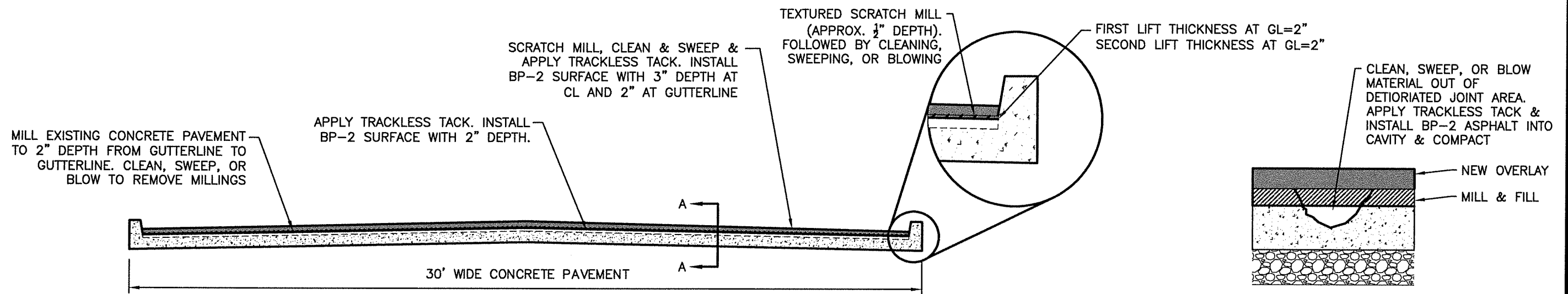
PRELIM.

MICAH J. TAYLOR
PROFESSIONAL ENGINEER
MO LIC. #PE-2013019123

SITE PLAN NOTES:

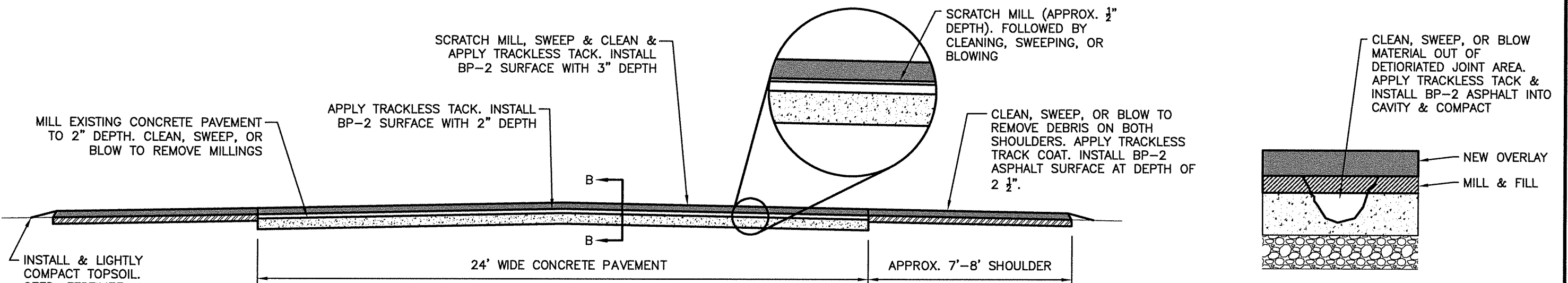
- 1 REMOVE AND REPLACE CONCRETE PANELS PER "CONCRETE PANEL REPLACEMENT DETAIL."
- 2 CONSTRUCT SHOULDER DIG OUT REPAIR PER "SHOULDER DIG OUT REPAIR DETAIL."
- 3 MILL & FILL REPAIR AREAS OF THE CONCRETE PAVEMENT PER "CONCRETE MILLING, REPAIR, & OVERLAY DETAIL."
- 4 AT THE JOINT WHERE THE CONCRETE PAVEMENT MEETS ASPHALT PAVEMENT, MILL DOWN TO A DEPTH OF 3". MILLING SHALL EXTEND INTO CREAMY SPRINGS ROAD A DISTANCE OF APPROXIMATELY 3". TAPER MILLING TO A DEPTH OF 1/2" AT THE SECOND TRANSVERSE JOINT. THIS WILL BE THE FINISHED MILLED SURFACE. DO NOT MILL AN ADDITIONAL 1/2" DEPTH PER NOTE 5.
- 5 FOLLOWING THE PATCHING WORK, ALL OF THE MAINLINE PAVEMENT SHALL RECEIVE A SCRATCH MILLING AT A DEPTH OF APPROXIMATELY 1/2". SWEEP, CLEAN, AND BLOW AWAY ALL MILLINGS AND DUST. APPLY A TRACKLESS TACK COAT. INSTALL AND COMPACT A 3" THICK ASPHALT OVERLAY AS PER DETAILS.
- 6 SWEEP, CLEAN, AND BLOW AWAY ALL DEBRIS FROM THE SHOULDER. APPLY TRACKLESS TACK COAT. INSTALL AND COMPACT A 2 1/2" THICK ASPHALT OVERLAY.
- 7 MILL A BUTT JOINT ACROSS OBERLIN VALLEY RD. WITH A 3" DEPTH. TAPER MILL TO A DEPTH OF 1/2" AT THE EDGE OF THE SHOULDER. SWEEP CLEAN AND APPLY TACK COAT & INSTALL 3" THICK ASPHALT OVERLAY.
- 8 SWEEP CLEAN DEBRIS FROM EXISTING ASPHALT APPROACH, APPLY TACK COAT, & APPLY 2 1/2" ASPHALT OVERLAY.
- 9 MILL A BUTT JOINT WITH 2 1/2" DEPTH PRIOR TO OVERLAYING DRIVEWAY APPROACH.
- 10 INSTALL & COMPACT 1 1/2" MINUS AGGREGATE TO RE-ESTABLISH DRIVEWAY.
- 11 INSTALL & COMPACT TOPSOIL ALONG EDGE OF SHOULDER AS SHOWN ON "ASPHALT REPAIR & OVERLAY DETAIL" & "TYPICAL ASPHALT OVERLAY DETAIL". SEED, FERTILIZE, & STRAW.





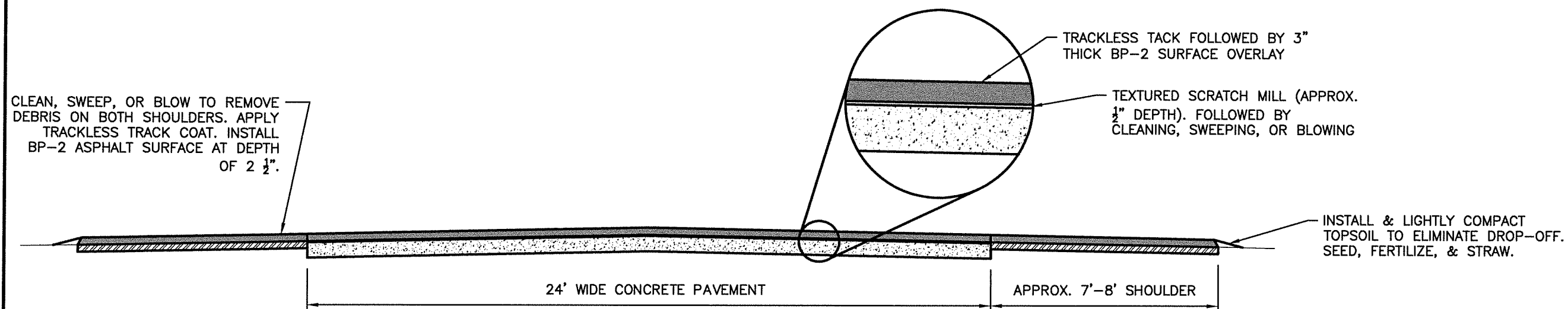
CURB & GUTTER OVERLAY DETAIL

SECTION A-A TRANSVERSE JOINT DETAIL



CONCRETE MILLING, REPAIR, & OVERLAY DETAIL

SECTION B-B TRANSVERSE JOINT DETAIL



TYPICAL ASPHALT OVERLAY DETAIL

GILLESPIE BRIDGE RD. &
OBERMILLER RD. ASHALT
OVERLAY - 2023
GILLESPIE BRIDGE RD.
TYPICAL ROAD DETAIL

Boone County Resource
Management Department
Engineering Division
801 E. Walnut, Room 315
Columbia, Missouri 65201
Phone: 573-886-4400
Fax: 573-886-4340



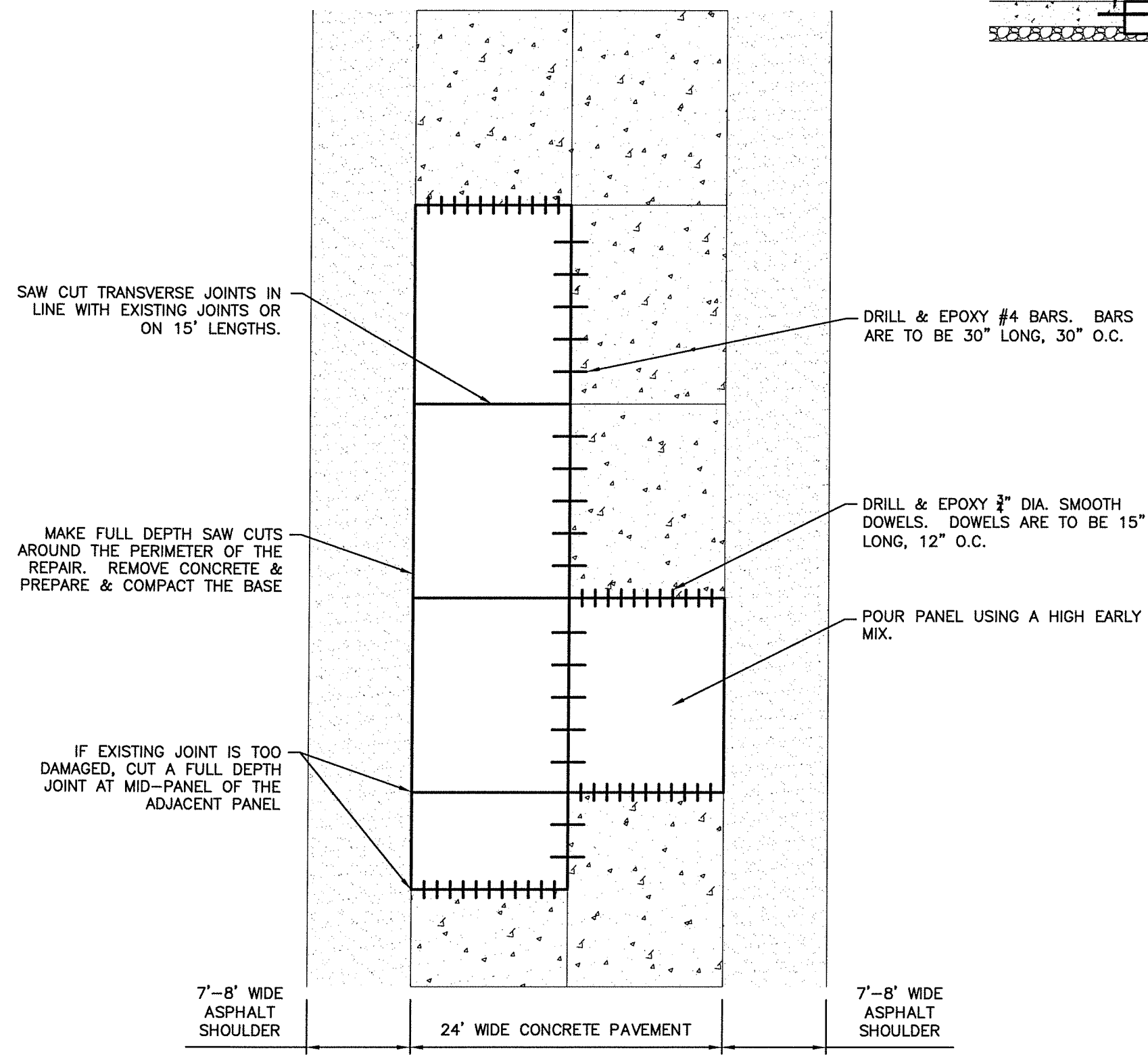
REVISIONS	
DATE	

DATE
JAN. 2023

SHEET
13
13 OF 26

PRELIM.

MICAH J. TAYLOR
PROFESSIONAL ENGINEER
MO LIC. #P.E. - 2013019123



SAW CUT TRANSVERSE JOINTS IN LINE WITH EXISTING JOINTS OR ON 15' LENGTHS.

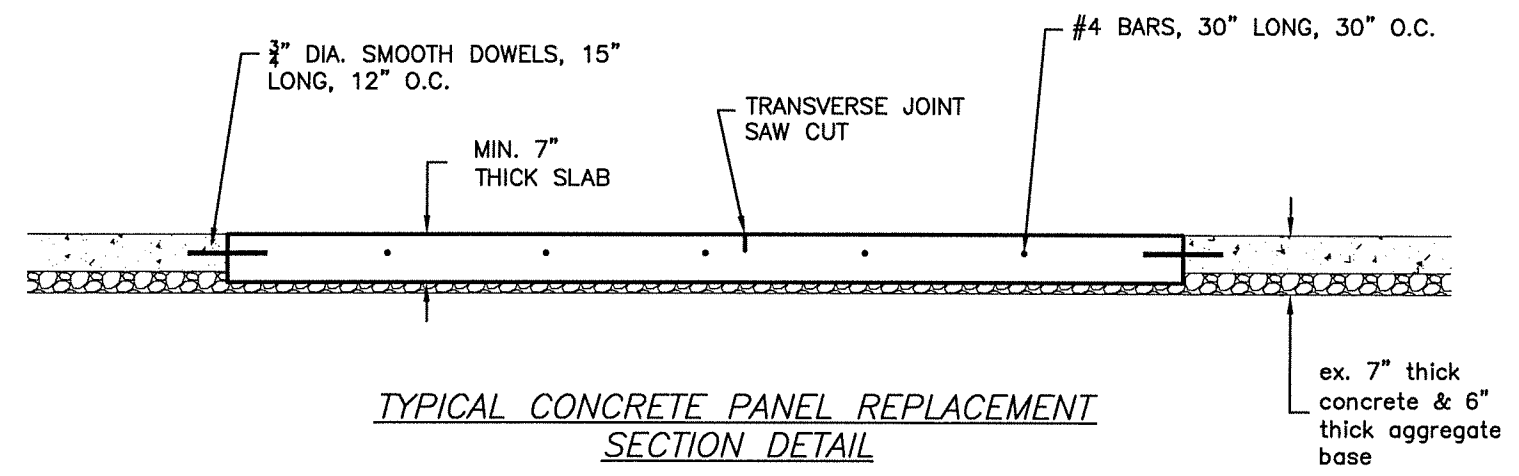
MAKE FULL DEPTH SAW CUTS AROUND THE PERIMETER OF THE REPAIR. REMOVE CONCRETE & PREPARE & COMPACT THE BASE

IF EXISTING JOINT IS TOO DAMAGED, CUT A FULL DEPTH JOINT AT MID-PANEL OF THE ADJACENT PANEL

DRILL & EPOXY #4 BARS. BARS ARE TO BE 30" LONG, 30" O.C.

DRILL & EPOXY 3/4" DIA. SMOOTH DOWELS. DOWELS ARE TO BE 15" LONG, 12" O.C.

POUR PANEL USING A HIGH EARLY MIX.



TYPICAL CONCRETE PANEL REPLACEMENT SECTION DETAIL

PANEL REPLACEMENT STEPS:

1. MAKE FULL DEPTH SAW CUTS AROUND THE PERIMETER OF THE PATCH OR PATCHING AREA.
2. REMOVE CONCRETE PAVEMENT IN A MANNER THAT LIMITS DISTURBANCE OF THE BASE OR SUBGRADE. IF UNSTABLE BASE OR SUBGRADE IS DISCOVERED, ALERT COUNTY REPRESENTATIVE & AGREE ON LIMITS FOR USE OF BASE REMOVE & REPLACE BID ITEM.
3. IF BASE MATERIAL IS ACCEPTABLE, LEVEL & COMPACT MATERIAL SO THE FINISHED SLAB THICKNESS WILL BE A MINIMUM OF 7" THICK. CONTRACTOR WILL NOT BE REQUIRED TO ADD BASE MATERIAL, BUT MAY POUR A THICKER SLAB IF THICKNESS IS GREATER THAN 7".
4. AT LONGITUDINAL CENTERLINE JOINT, DRILL & EPOXY IN #4 DEFORMED BARS, 30" LONG, 30" O.C. BARS SHALL NOT BE PLACED LESS THAN 15" FROM A SMOOTH DOWEL BAR OR FROM A PLANNED TRANSVERSE JOINT.
5. AT TRANSVERSE JOINTS WHERE PATCH MEETS EXISTING PANEL, DRILL AND EPOXY 3/4" DIA. SMOOTH DOWEL BARS. DOWELS SHALL BE 15" LONG, 12" O.C. DOWELS SHALL BE PLACED AT MID-DEPTH OF THE THINNER SLAB. DOWELS ARE NOT REQUIRED ON INTERNAL TRANSVERSE JOINTS. IF THE PATCH IS LONG AND WILL REQUIRE MULTIPLE DAYS OF CONSTRUCTION, DOWELS SHALL BE PLACED AT THE START/STOP JOINTS.
6. POUR AND FINISH PATCH USING HIGH EARLY CONCRETE MIX AS DETAILED IN THE SPECIAL PROVISIONS. MIX SHALL HAVE AN OPENING TIME OF 4-6 HOURS.

TYPICAL CONCRETE PANEL REPLACEMENT DETAIL

GILLESPIE BRIDGE RD. &
OBERMILLER RD. ASHALT
OVERLAY - 2023
GILLESPIE BRIDGE RD.
CONCRETE PANEL DETAIL

Boone County Resource
Management Department
Engineering Division
801 E. Walnut, Room 315
Columbia, Missouri 65201
Phone: 573-886-4480
Fax: 573-886-4340



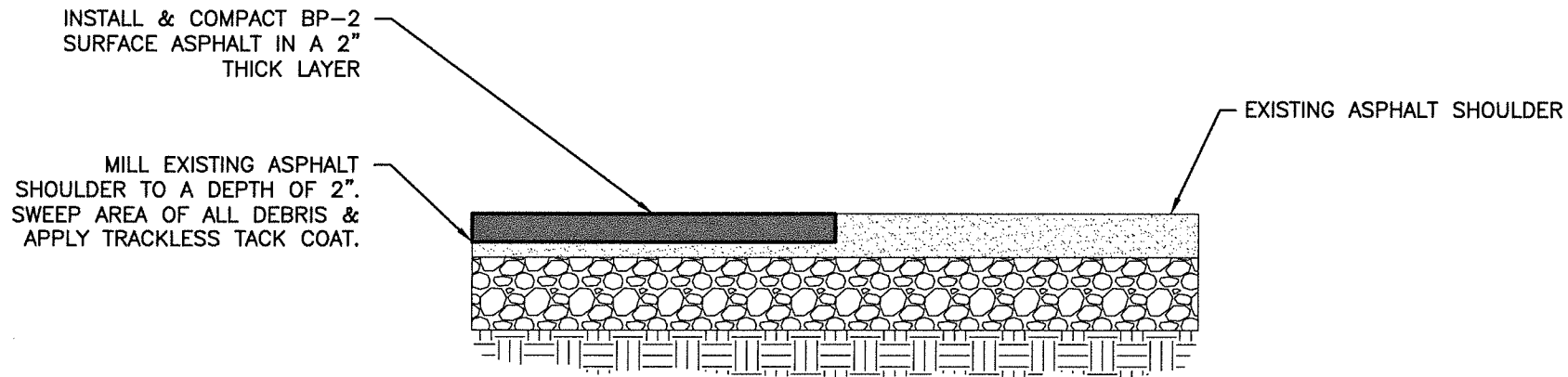
REVISIONS	
DATE	

DATE
JAN. 2023

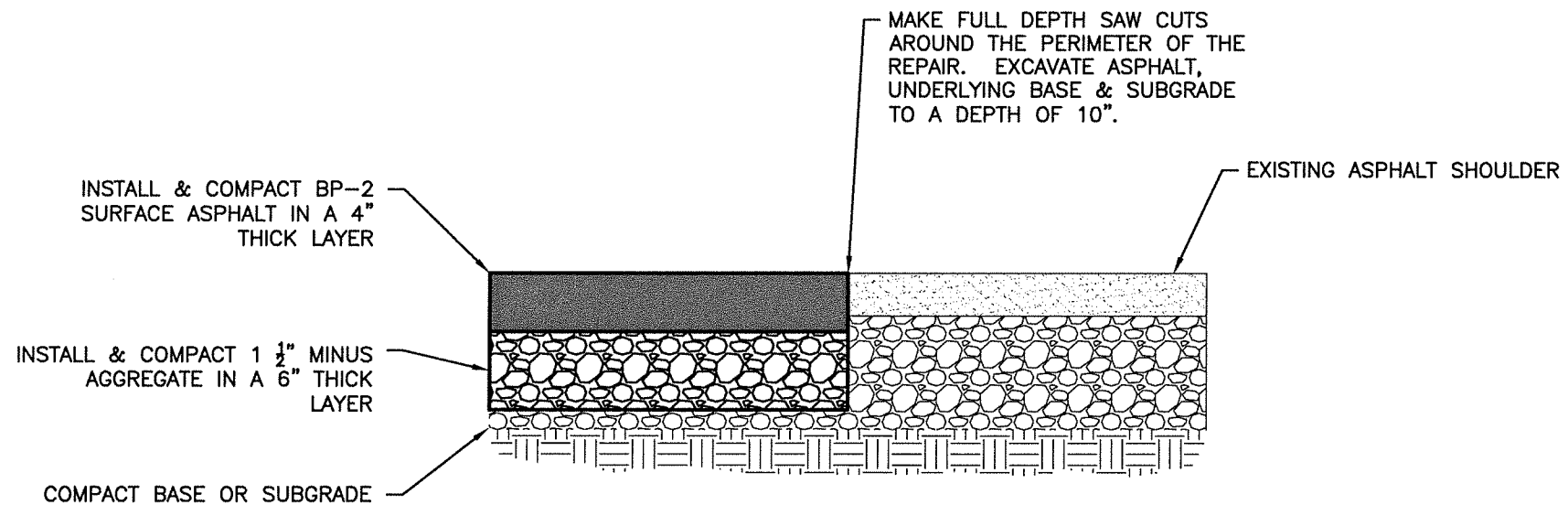
SHEET
14
14 OF 26

PRELIM.

MICAH J. TAYLOR
PROFESSIONAL ENGINEER
MO LIC. #P.E. - 2013019123



SHOULDER MILL & FILL REPAIR DETAIL



SHOULDER DIG OUT REPAIR DETAIL

GILLESPIE BRIDGE RD. &
OBERMILLER RD. ASPHALT
OVERLAY - 2023
GILLESPIE BRIDGE RD.
SHOULDER REPAIR DETAILS

Boone County Resource
Management Department
Engineering Division
801 E. Walnut, Room 315
Columbia, Missouri 65201
Phone: 573-886-4480
Fax: 573-886-4340



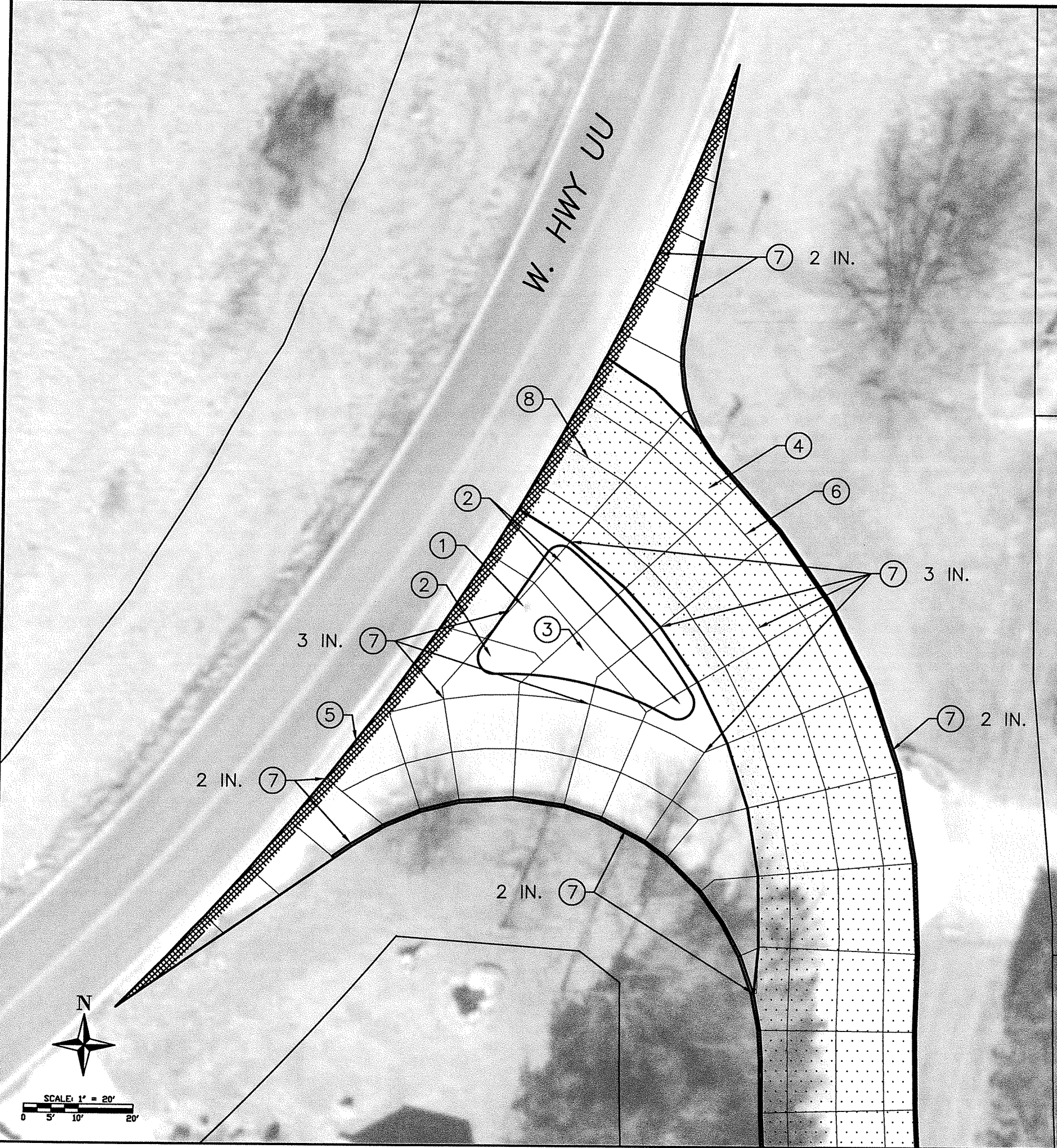
REVISIONS	
DATE	

DATE
JAN. 2023

SHEET
15
15 OF 26

PRELIM.


MICAH J. TAYLOR
PROFESSIONAL ENGINEER
MO LIC. #P.E. - 2013019123



- SITE PLAN NOTES:**
- ① REMOVE CHEVRON SIGN AND POST. REMOVE POST BASE.
 - ② REMOVE DELINEATOR POSTS.
 - ③ MILL EXISTING CONCRETE ISLAND DOWN TO THE ELEVATION OF THE SURROUNDING CONCRETE PAVEMENT.
 - ④ AS PER "CURB & GUTTER OVERLAY DETAIL," MILL PAVEMENT TO 2" DEPTH. CLEAN OUT MILLED AREA AND APPLY TRACKLESS TACK. INSTALL AND COMPACT 2" THICK LIFT OF BP-2 ASPHALT.
 - ⑤ MILL A BUTT JOINT ALONG THE EDGE JOINT OF THE CONCRETE PAVEMENT. MILLED AREA SHALL BE A MINIMUM OF 2 FEET IN WIDTH AND SHALL HAVE A MINIMUM DEPTH OF 2" AT HWY UU.
 - ⑥ ALL OF GILLESPIE BRIDGE ROAD SHALL RECEIVE A SCRATCH MILL WITH A 1/2" DEPTH. SWEEP & CLEAN THE AREA PRIOR TO APPLYING TACK COAT.
 - ⑦ INSTALL BP-2 ASPHALT OVERLAY. THICKNESS OF OVERLAY WILL VARY, WITH 3" BEING THE THICKNESS AT ROAD CENTERLINE AND 2" BEING THE DEPTH AT GUTTERLINE & OUTSIDE EDGES. SEE PLAN FOR THICKNESS CALL OUTS.
 - ⑧ SEE "STRIPING DETAILS" FOR ROAD STRIPING PLAN.

GILLESPIE BRIDGE RD. &
OBERMILLER RD. ASHALT
OVERLAY - 2023
GILLESPIE BRIDGE RD.
HWY UU INTERSECTION DETAIL

Boone County Resource
Management Department
Engineering Division
601 E. Walnut, Room 315
Columbia, Missouri 65201
Phone: 573-886-4980
Fax: 573-886-4940



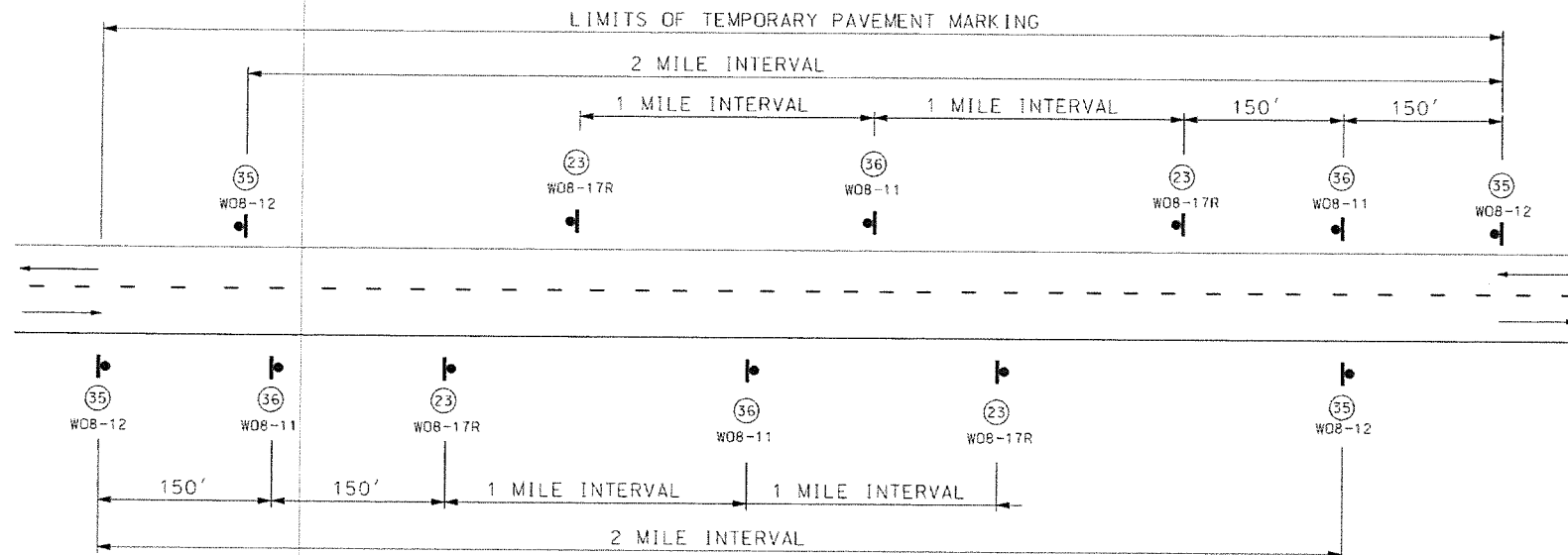
REVISIONS	
DATE	

DATE
JAN. 2023

SHEET
16
16 OF 26

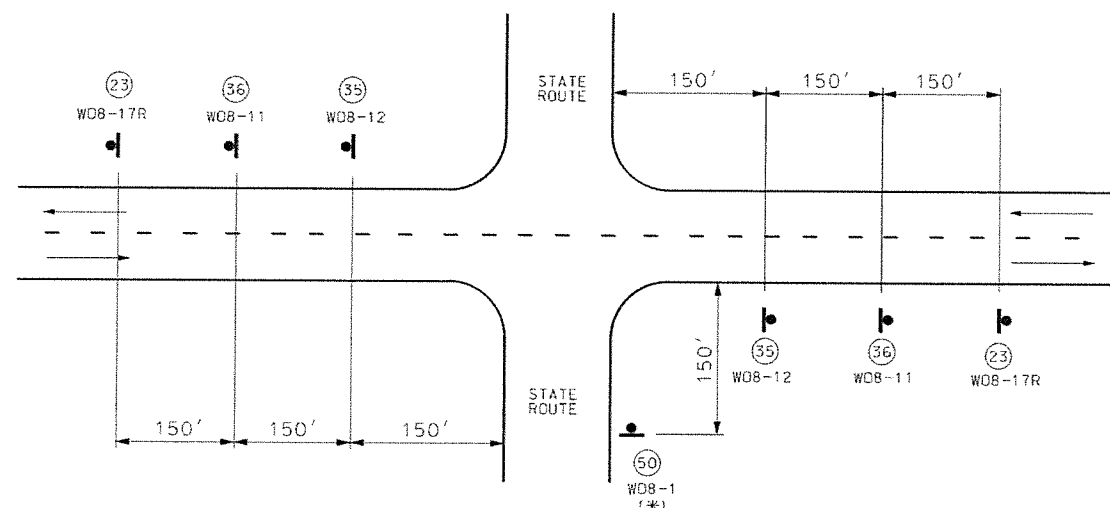
PRELIM.

MICAH J. TAYLOR
PROFESSIONAL ENGINEER
MO LIC. #P.E. - 2013019123



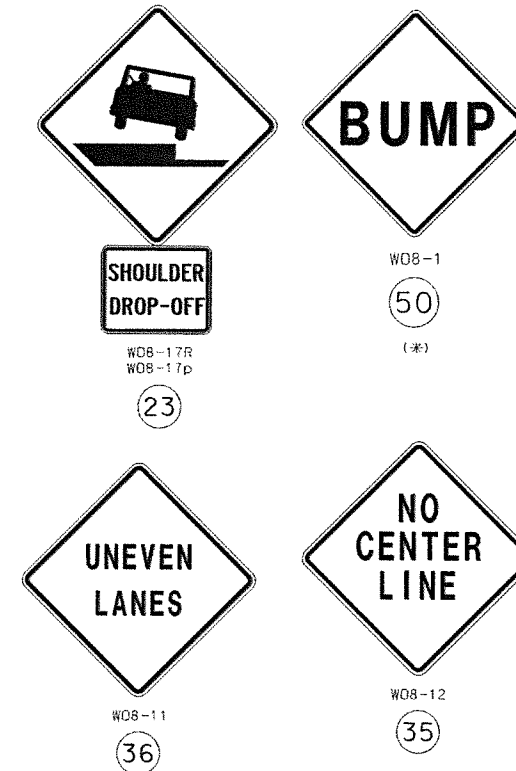
SIGN SPACING FOR MAINLINE

(DETAIL SHOWN IS BASED ON A PROJECT MEETING ALL CONDITIONS: NO CENTER STRIPE, UNEVEN LANES, SHOULDER DROP-OFF AND BUMP.)
WHEN BOTH UNEVEN LANES AND SHOULDER DROP-OFF SIGNS ARE USED, BOTH SIGNS SHALL STAY IN PLACE UNTIL BOTH CONDITIONS NO LONGER EXIST.
IF ONLY ONE CONDITION EXISTS (UNEVEN LANES OR SHOULDER DROP-OFF), THE SIGN SPACING SHALL BE AT 1 MILE INTERVALS.



SIGN SPACING AT STATE ROUTE INTERSECTIONS

(*) BUMP SIGN SHOULD BE IN ACCORDANCE WITH STANDARD PLAN 619.10.



GENERAL NOTES:

FOR DETAILS OF TEMPORARY PAVEMENT MARKING, SEE SHEET 1 OF 5.

SIGN (35) AND TEMPORARY PAVEMENT MARKING INSTALLED WHERE CENTERLINE STRIPING HAS BEEN COVERED OR REMOVED. SIGNS ARE TO REMAIN IN PLACE UNTIL THE PERMANENT CENTERLINE PAVEMENT MARKINGS ARE IN PLACE. SIGNS SHALL BE COVERED OR REMOVED WHEN PAVEMENT CENTERLINE MARKING HAS BEEN INSTALLED.

SIGN (35) IS PLACED AT APPROXIMATELY TWO-MILE INTERVALS AND AT STATE ROUTE JUNCTIONS. WHEN THE INSTALLATION AT A JUNCTION IS WITHIN ONE-EIGHTH MILE OF THE NORMAL MAINLINE SIGN (35), THE LATTER MAY BE ELIMINATED.

ALL SIGNS SHALL BE POST MOUNTED AND IN ACCORDANCE WITH STANDARD PLAN 616.10 AND 903.03.

WHEN SHOULDER DROP-OFF SIGNS ARE IN PLACE FOR GREATER THAN THREE DAYS, THE SHOULDER DROP-OFF PLAQUE SHOULD BE USED IN ADDITION WITH THE SHOULDER DROP-OFF SIGN.

		MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION 105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)	
		TEMPORARY PAVEMENT MARKING TWO-LANE TWO-WAY HIGHWAY	
DATE EFFECTIVE:	07/01/2017	620.10G	SHEET NO. 4 OF 5
DATE PREPARED:	5/1/2017		

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

GILLESPIE BRIDGE RD. &
OBERMILLER RD. ASHALT
OVERLAY - 2023
GILLESPIE BRIDGE RD.
TEMP. SIGNS

Boone County Resource
Management Department
Engineering Division
801 E. Walnut, Room 315
Columbia, Missouri 65201
Phone: 573-886-4480
Fax: 573-886-4340



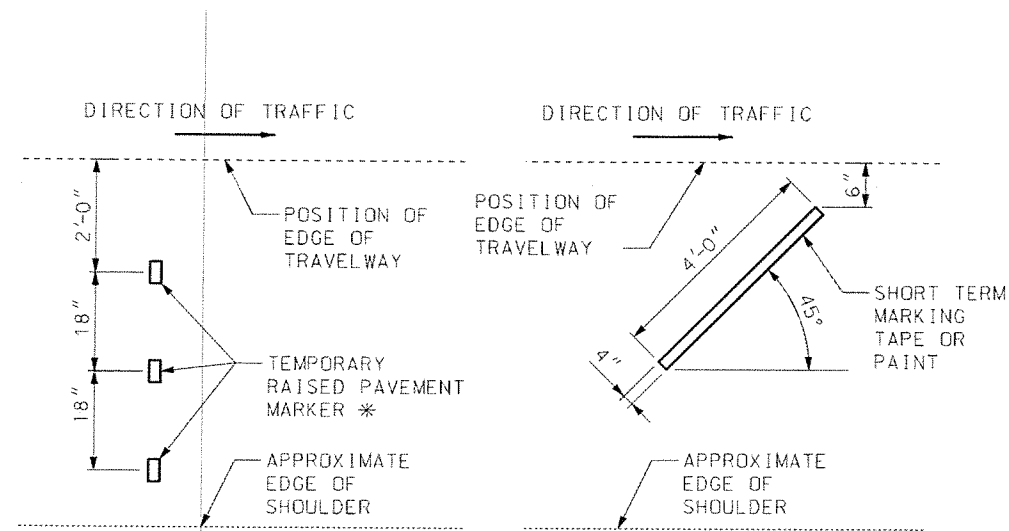
REVISIONS	
DATE	

DATE
JAN. 2023

SHEET
17
17 OF 26

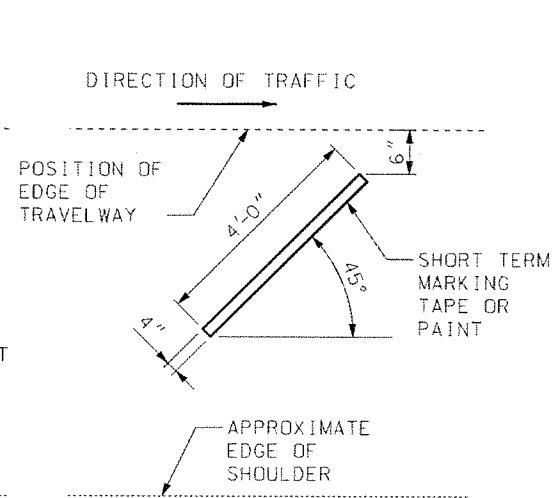
PRELIM.

MICAH J. TAYLOR
PROFESSIONAL ENGINEER
MO LIC. #P.E. - 2013019123

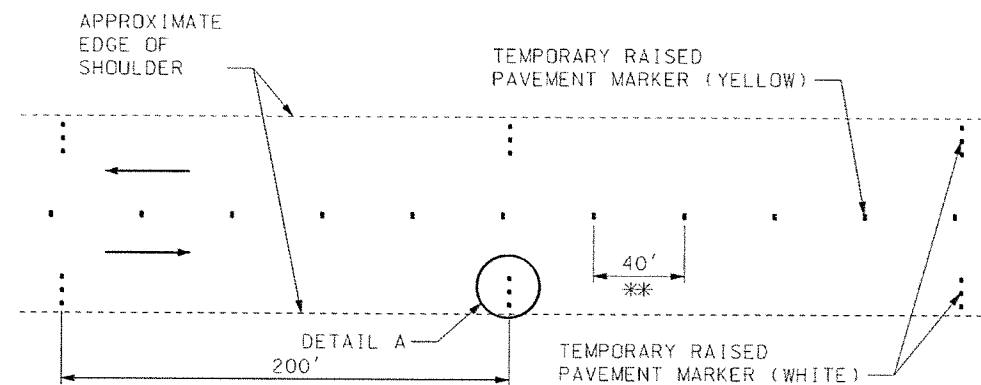


DETAIL A

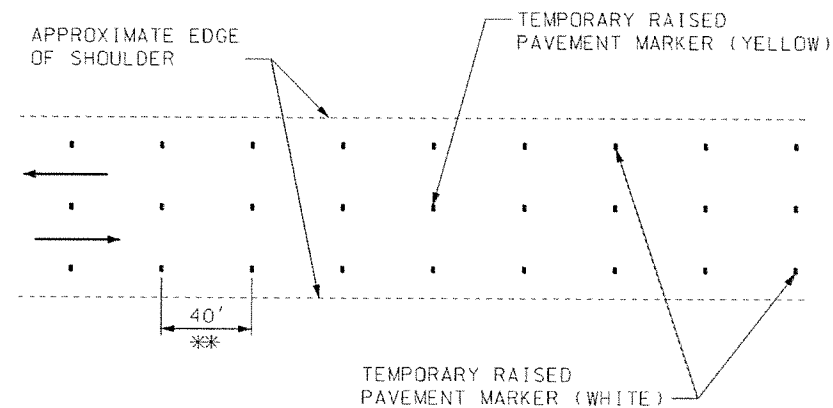
* THREE TEMPORARY RAISED PAVEMENT MARKERS SHALL BE USED IF SHOULDER IS 6' OR WIDER. OTHERWISE, USE TWO TEMPORARY RAISED PAVEMENT MARKERS.



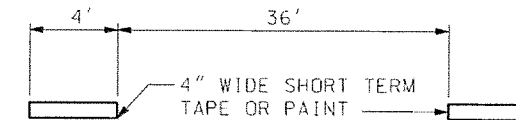
OPTIONAL DETAIL A FOR INTERMEDIATE LIFT



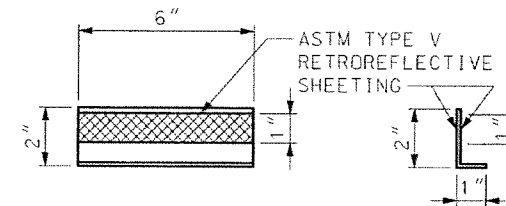
EDGE LINES AND CENTERLINE ON TWO-WAY SECTIONS WITH PAVED SHOULDERS GREATER THAN 4 FEET WIDE



EDGE LINES AND CENTERLINE ON TWO-WAY SECTIONS WITH PAVED SHOULDERS 4 FEET WIDE OR LESS, AGGREGATE OR EARTH SHOULDERS OR NO SHOULDERS



* OPTIONAL TEMPORARY PAVEMENT MARKING DETAIL FOR INTERMEDIATE LIFTS



ELEVATION SIDE
TYPICAL TEMPORARY RAISED PAVEMENT MARKER DETAIL

GENERAL NOTES:

TEMPORARY PAVEMENT MARKING IS REQUIRED WHEN 200 CONSECUTIVE LINEAR FEET OR MORE OF PERMANENT PAVEMENT MARKING HAS BEEN OBLITERATED, OR AS DIRECTED BY THE ENGINEER.

TEMPORARY RAISED PAVEMENT MARKERS (TRPMS), OR THE OPTIONAL 4"X 4' SHORT TERM TAPE OR PAINT, WHEN ALLOWED, SHALL BE MAINTAINED IN PLACE AND RETROREFLECTIVE UNTIL THE PERMANENT PAVEMENT MARKINGS ARE INSTALLED. MISSING OR NON-REFLECTIVE MARKINGS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE COMMISSION WHEN 10% OR MORE ARE DEFICIENT WITHIN ONE MILE OR WHEN 4 OR MORE CONSECUTIVE MARKINGS ARE DEFICIENT.

FOR INTERMEDIATE LIFTS, 4"X 4' SHORT TERM TAPE OR TEMPORARY PAINT MAY BE USED IN LIEU OF TRPMS.

TRPMS USED ON INTERMEDIATE LIFTS SHALL BE REMOVED PRIOR TO PLACEMENT OF THE NEXT LIFT.

ALL TEMPORARY MARKINGS SHALL BE REMOVED BY THE CONTRACTOR AFTER INSTALLATION OF PERMANENT MARKINGS, EXCEPT WHEN PERMANENT MARKINGS ARE TO BE INSTALLED BY OTHERS.

TEMPORARY TAPE SHALL NOT BE USED FOR TEMPORARY MARKING ON THE FINAL SURFACE EXCEPT WHEN SPECIFIED IN THE PLANS.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION 105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)		
STATE OF MISSOURI ERIC E. SCHROEDER NUMBER PE-28411 PROFESSIONAL ENGINEER THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY	TEMPORARY PAVEMENT MARKING TEMPORARY PAVEMENT MARKING	
DATE EFFECTIVE: 07/01/2017 DATE PREPARED: 5/1/2017	620.10G	SHEET NO. 1 OF 5

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

GILLESPIE BRIDGE RD. &
OBERMILLER RD. ASHALT
OVERLAY - 2023
GILLESPIE BRIDGE RD.
TEMP. LANE MARKERS

Boone County Resource
Management Department
Engineering Division
801 E. Walnut, Room 315
Columbia, Missouri 65201
Phone: 573-886-4480
Fax: 573-886-4340



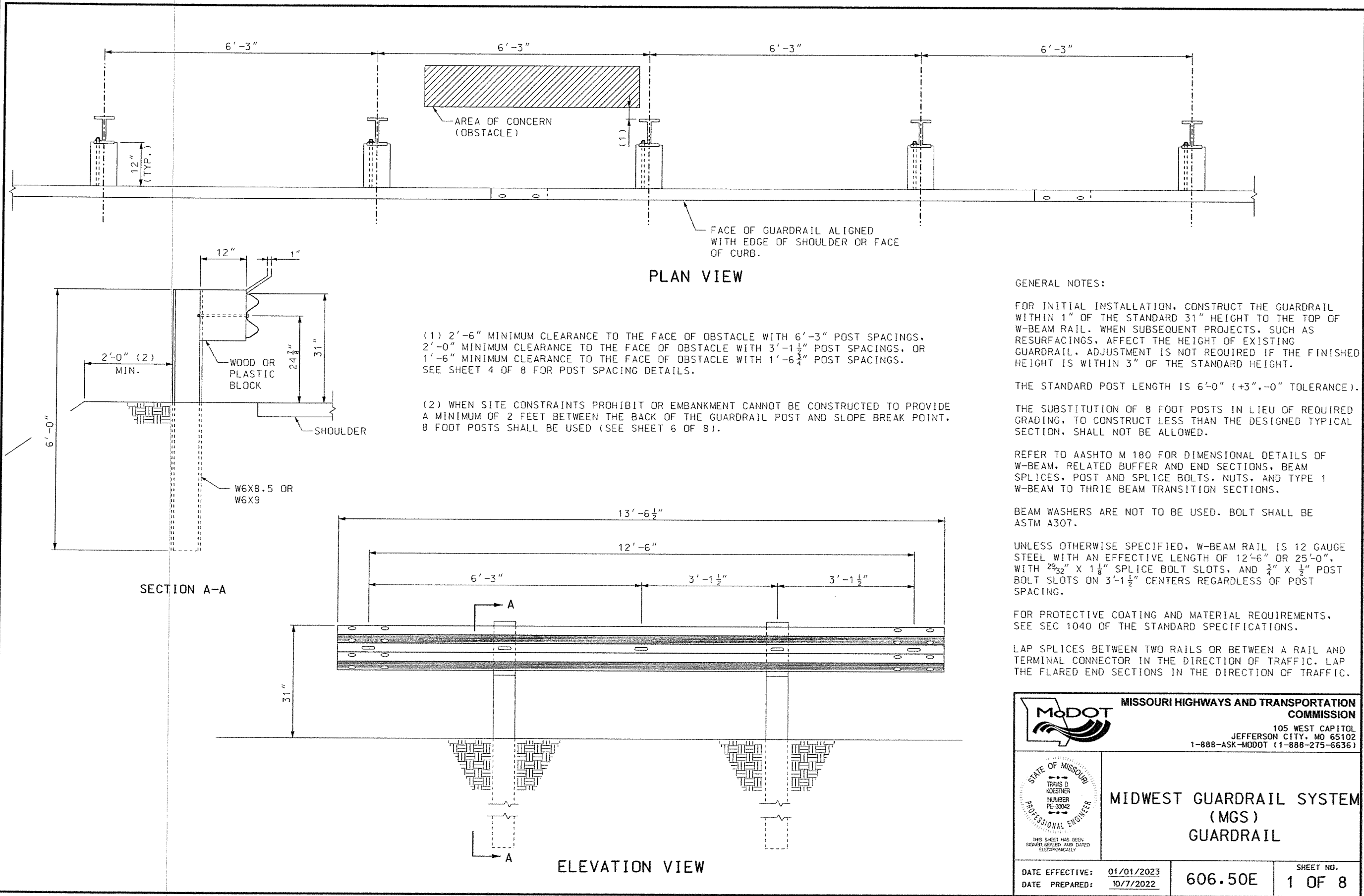
REVISIONS	
DATE	

DATE
JAN. 2023

SHEET
18
18 OF 26

PRELIM.

MICAH J. TAYLOR
PROFESSIONAL ENGINEER
MO LIC. #P.E. - 2013019123



GENERAL NOTES:

FOR INITIAL INSTALLATION, CONSTRUCT THE GUARDRAIL WITHIN 1" OF THE STANDARD 31" HEIGHT TO THE TOP OF W-BEAM RAIL. WHEN SUBSEQUENT PROJECTS, SUCH AS RESURFACINGS, AFFECT THE HEIGHT OF EXISTING GUARDRAIL, ADJUSTMENT IS NOT REQUIRED IF THE FINISHED HEIGHT IS WITHIN 3" OF THE STANDARD HEIGHT.

THE STANDARD POST LENGTH IS 6'-0" (+3", -0" TOLERANCE).

THE SUBSTITUTION OF 8 FOOT POSTS IN LIEU OF REQUIRED GRADING, TO CONSTRUCT LESS THAN THE DESIGNED TYPICAL SECTION, SHALL NOT BE ALLOWED.


REFER TO AASHTO M 180 FOR DIMENSIONAL DETAILS OF W-BEAM, RELATED BUFFER AND END SECTIONS, BEAM SPLICES, POST AND SPLICE BOLTS, NUTS, AND TYPE 1 W-BEAM TO THRIE BEAM TRANSITION SECTIONS.

BEAM WASHERS ARE NOT TO BE USED. BOLT SHALL BE ASTM A307.

UNLESS OTHERWISE SPECIFIED, W-BEAM RAIL IS 12 GAUGE STEEL WITH AN EFFECTIVE LENGTH OF 12'-6" OR 25'-0", WITH 29/32" X 1 1/8" SPLICE BOLT SLOTS, AND 3/4" X 1/2" POST BOLT SLOTS ON 3'-1 1/2" CENTERS REGARDLESS OF POST SPACING.

FOR PROTECTIVE COATING AND MATERIAL REQUIREMENTS, SEE SEC 1040 OF THE STANDARD SPECIFICATIONS.

LAP SPLICES BETWEEN TWO RAILS OR BETWEEN A RAIL AND TERMINAL CONNECTOR IN THE DIRECTION OF TRAFFIC. LAP THE FLARED END SECTIONS IN THE DIRECTION OF TRAFFIC.



MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

STATE OF MISSOURI

TRAVIS D. KOESTNER

NUMBER PE-30042

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

DATE EFFECTIVE: 01/01/2023	606.50E	SHEET NO. 1 OF 8
DATE PREPARED: 10/7/2022		

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

Boone County Resource Management Department

Engineering Division

801 E. Walnut, Room 315
Columbia, Missouri 65201

Phone: 573-886-4480
Fax: 573-886-4340



REVISIONS	
DATE	

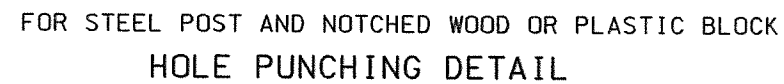
DATE
JAN. 2023

SHEET
19
19 OF 26

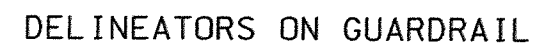
PRELIM.

MICAH J. TAYLOR
PROFESSIONAL ENGINEER
MO LIC. #P.E. - 2013019123

GILLESPIE BRIDGE RD. &
OBERMILLER RD. ASHALT
OVERLAY - 2023
GILLESPIE BRIDGE RD.
MIDWEST GUARDRAIL SYT. (MGS)





(*) TWO HOLES CAN BE PROVIDED ON EACH FLANGE OF POST, ONLY ONE IS REQUIRED FOR FLANGE OF POST THAT HAS A BLOCK ATTACHMENT.



GENERAL NOTES:

FOR GUARDRAIL DELINEATION DETAILS SEE
STD PLAN 903.03.

		MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION 105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)	
		MIDWEST GUARDRAIL SYSTEM (MGS) POST AND BLOCK	
DATE EFFECTIVE: <u>01/01/2023</u> DATE PREPARED: <u>10/7/2022</u>		SHEET NO. 606.50E 3 OF 8	

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

GILLESPIE BRIDGE RD. &
OBERMILLER RD. ASHALT
OVERLAY - 2023
GILLESPIE BRIDGE RD.
MGS BLOCK & POSTS

**Boone County Resource
Management Department**

Engineering Division
801 E. Walnut, Room 315 Phone: 573-886-4480
Columbia, Missouri 65201 Fax: 573-886-4340



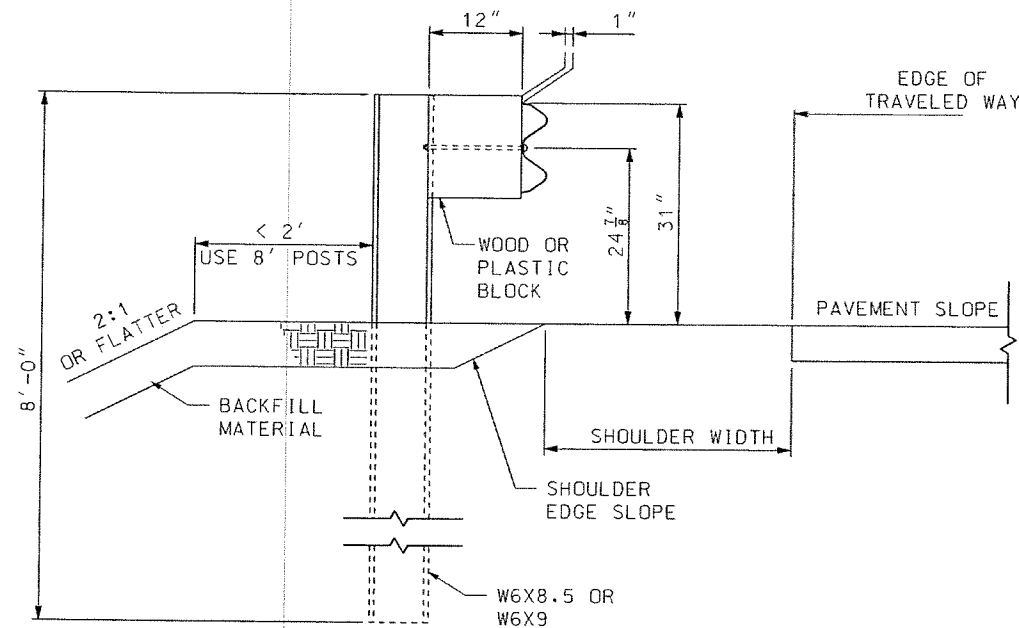
REVISIONS	
NO.	DATE

DATE
W. 2023

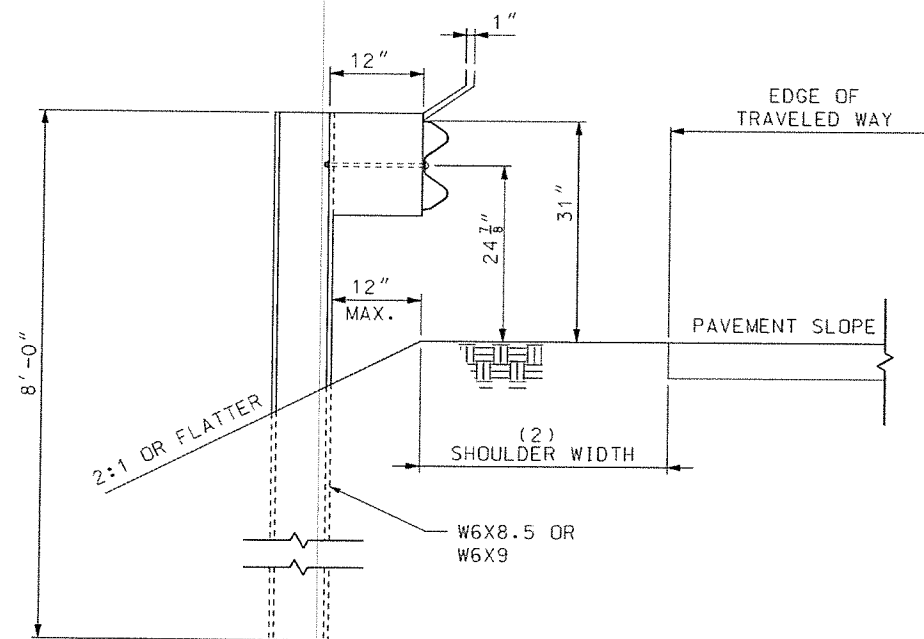
SHEET
20
20 OF 26

PRELIM.

MICAH J. TAYLOR
PROFESSIONAL ENGINEER
MO LIC. #P.E. - 2013019123



SECTION A-A
8' STEEL POST



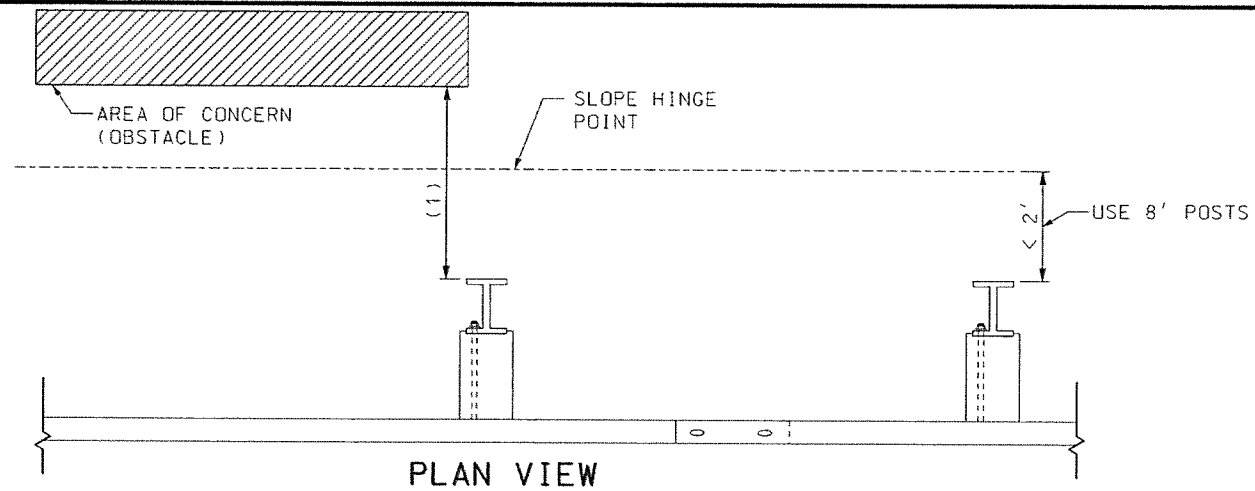
ALTERNATE SECTION A-A
MAXIMUM LATERAL PLACEMENT OF
8' STEEL POSTS ADJACENT TO
SLOPES

- (1) 3'-6" MINIMUM CLEARANCE TO THE FACE OF OBSTACLE WITH 8' POSTS ADJACENT TO A 2:1 SLOPE.
- (2) WHERE THERE IS NOT SUFFICIENT EMBANKMENT BEYOND THE SHOULDER TO PLACE THE GUARDRAIL POST, THE POSTS MAY BE PLACED A MAXIMUM OF 12" BEYOND THE SLOPE BREAK POINT OF A 2:1 OR FLATTER SLOPE.

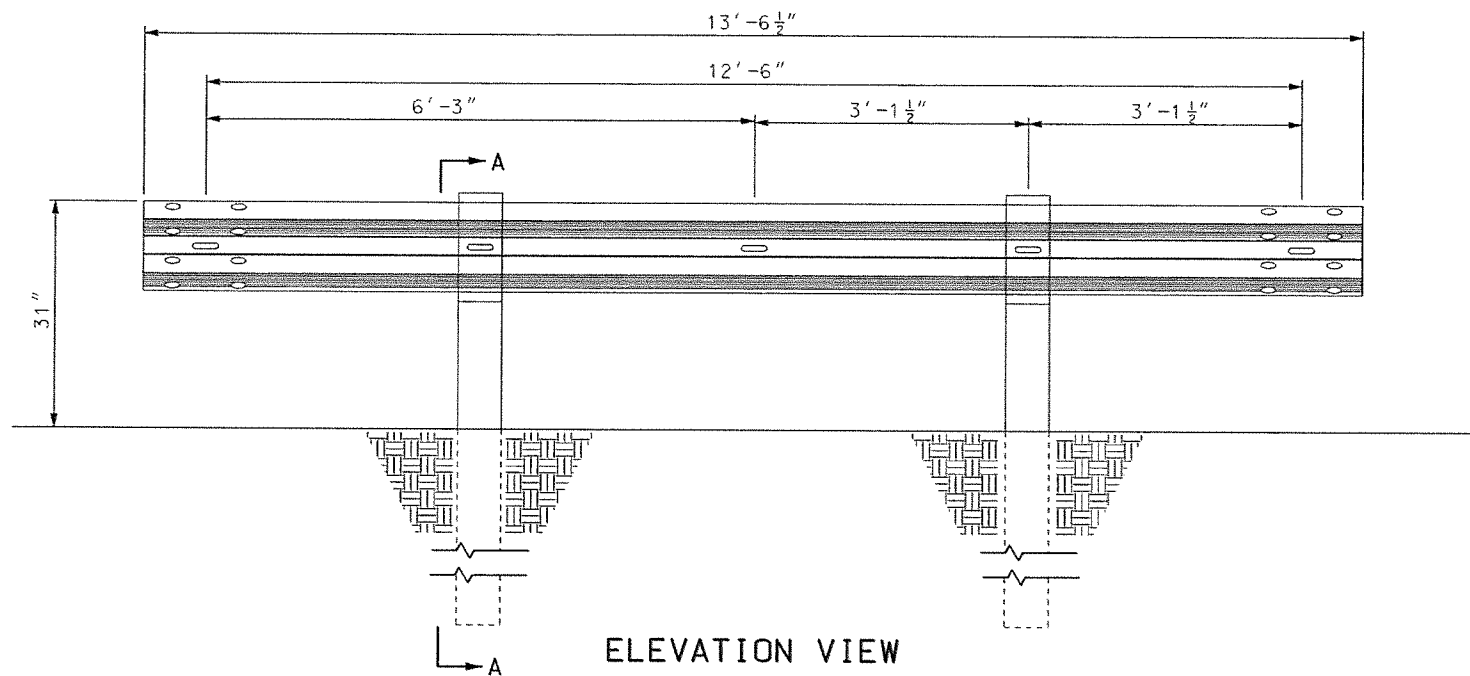
GENERAL NOTES:

SEE STD. PLAN 606.81 FOR SITE GRADING REQUIREMENTS FOR CRASHWORTHY END TERMINALS.

8 FOOT POSTS SHALL BE USED WHEN LESS THAN 2 FEET OF EMBANKMENT IS PRESENT BETWEEN THE BACK OF THE GUARDRAIL POST AND THE SLOPE BREAK POINT. THE SUBSTITUTION OF 8 FOOT POSTS IN LIEU OF REQUIRED GRADING, TO CONSTRUCT LESS THAN THE DESIGNED TYPICAL SECTION, SHALL NOT BE ALLOWED.



PLAN VIEW



ELEVATION VIEW

		MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION 105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)	
		MIDWEST GUARDRAIL SYSTEM (MGS) 8 FT. POST	
DATE EFFECTIVE: 01/01/2023 DATE PREPARED: 10/7/2022	606.50E	SHEET NO. 6 OF 8	

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

GILLESPIE BRIDGE RD. &
OBERMILLER RD. ASHALT
OVERLAY - 2023
GILLESPIE BRIDGE RD.
MGS 8 FT. POSTS

Boone County Resource
Management Department
Engineering Division
801 E. Walnut, Room 315
Columbia, Missouri 65201
Phone: 573-886-4460
Fax: 573-886-4340



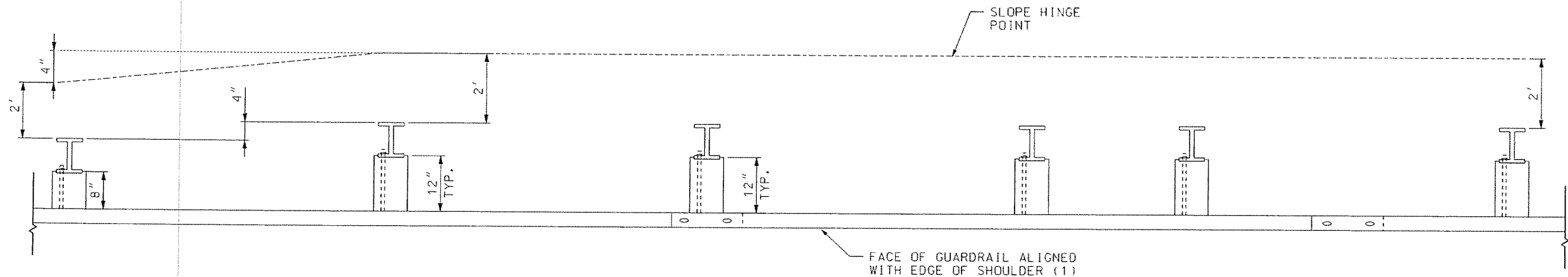
REVISIONS	DATE

DATE
JAN. 2023

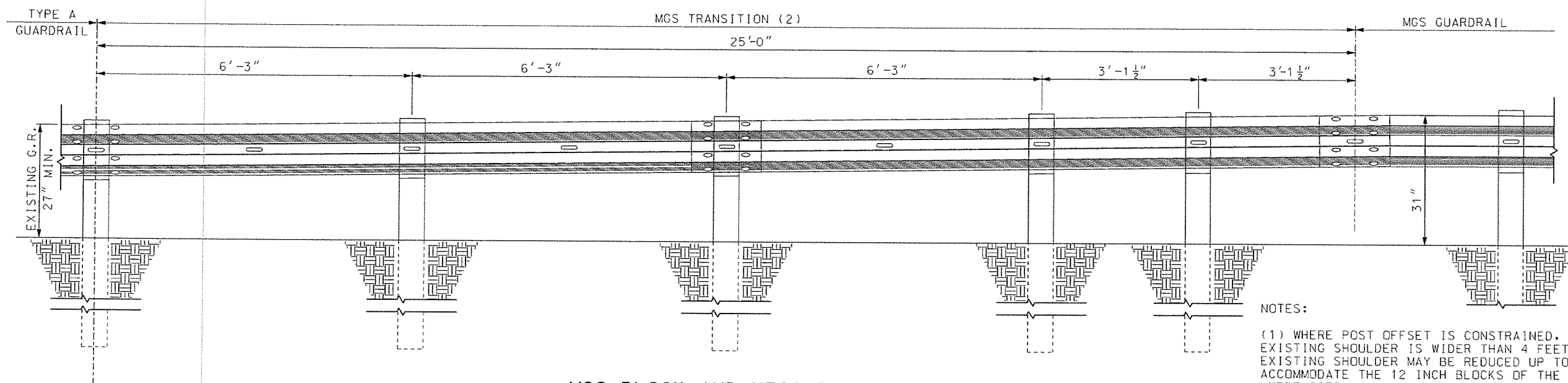
SHEET
21
21 OF 26

PRELIM.

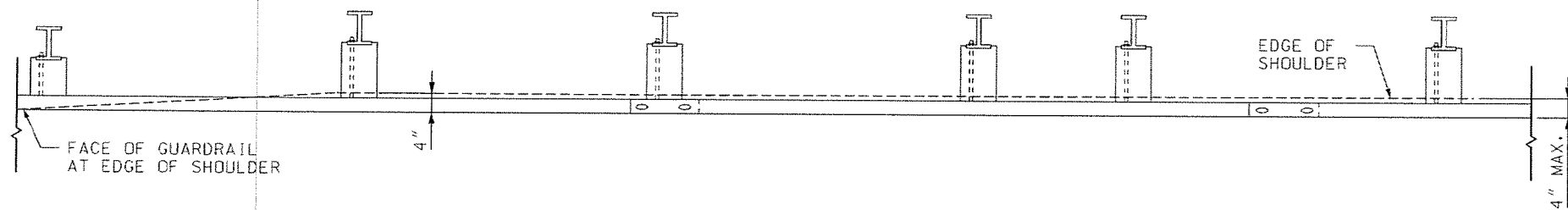
MICAH J. TAYLOR
PROFESSIONAL ENGINEER
MO LIC. #P.E. - 2013019123



PLAN VIEW



MGS BLOCK AND HEIGHT TRANSITION FROM
TYPE A GUARDRAIL TO MGS GUARDRAIL



ALTERNATE PLAN VIEW - ALIGNMENT TAPER
SEE NOTE (1)

NOTES:

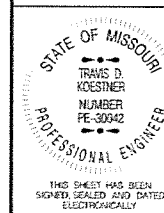
(1) WHERE POST OFFSET IS CONSTRAINED, AND WHEN THE EXISTING SHOULDER IS WIDER THAN 4 FEET, THE EXISTING SHOULDER MAY BE REDUCED UP TO 4 INCHES TO ACCOMMODATE THE 12 INCH BLOCKS OF THE MGS GUARDRAIL. WHERE SITE CONSTRAINTS PROHIBIT OR EMBANKMENT CANNOT BE CONSTRUCTED TO PROVIDE A MINIMUM OF 2 FEET BETWEEN THE BACK OF THE GUARDRAIL POST AND SLOPE BREAK POINT, 8 FOOT POSTS SHALL BE USED (SEE SHEET 6 OF 8). THE SUBSTITUTION OF 8 FOOT POSTS FOR REQUIRED GRADING SHALL NOT BE ALLOWED.

(2) MGS TRANSITION FROM TYPE A GUARDRAIL SHALL BE COMPLETED OUTSIDE THE 50' MGS END TERMINAL LIMITS.



MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



MIDWEST GUARDRAIL SYSTEM
(MGS)
BLOCK AND HEIGHT
TRANSITION

DATE EFFECTIVE: 01/01/2023
DATE PREPARED: 10/7/2022

606.50E

SHEET NO.
8 OF 8

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

GILLESPIE BRIDGE RD. &
OBERMILLER RD. ASHALT
OVERLAY - 2023
GILLESPIE BRIDGE RD.
MGS HEIGHT TRANSITION

Boone County Resource
Management Department
Engineering Division
801 E. Walnut, Room 315
Columbia, Missouri 65201
Phone: 573-886-4460
Fax: 573-886-4340



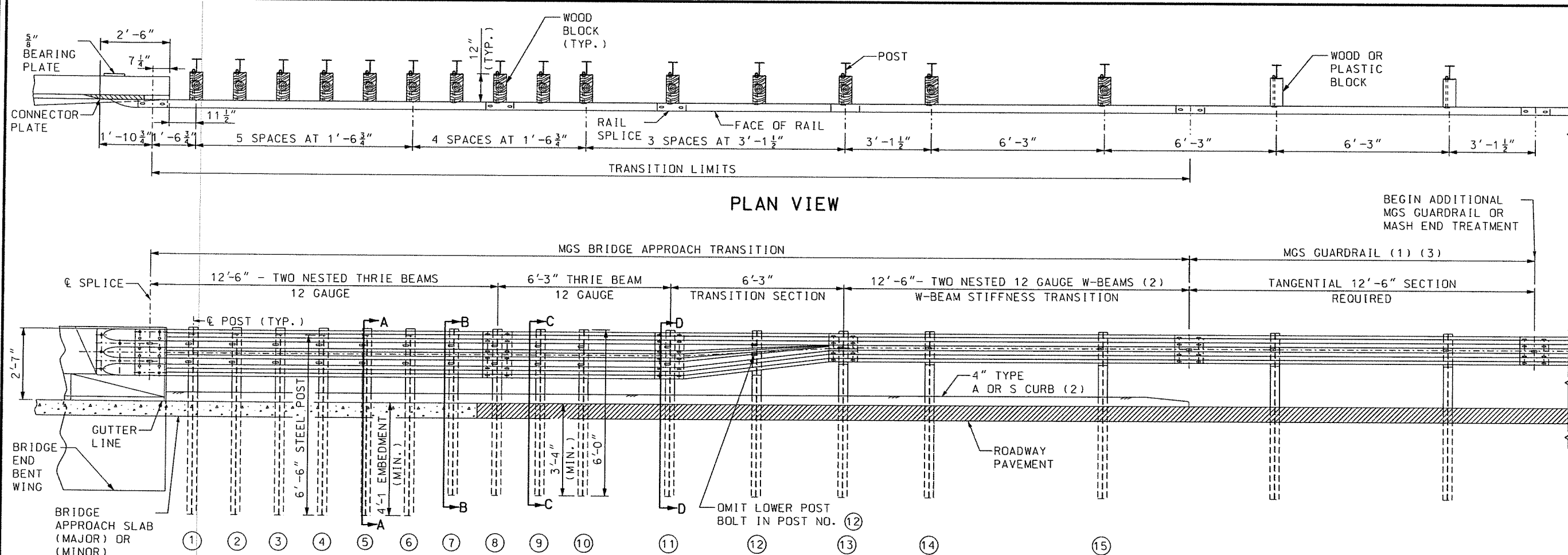
REVISIONS	DATE

DATE
JAN. 2023

SHEET
22
22 OF 26

PRELIM.

MICAH J. TAYLOR
PROFESSIONAL ENGINEER
MO LIC. #P.E. - 2013019123



GENERAL NOTES:

MGS GUARDRAIL SHALL BE TANGENTIAL WITH BRIDGE APPROACH TRANSITION FOR 12'-6" BEYOND THE TWO NESTED W-BEAM STIFFNESS TRANSITION AND 25'-0" BEYOND THRIE BEAM TRANSITION SECTION.

AT THE CONTRACTORS OPTION, A SINGLE 18'-9" PIECE OF THRIE BEAM MAY BE SUBSTITUTED FOR ONE OF THE 12'-6" PANELS AND THE 6'-3" SECTION AS SHOWN.

FOR PROTECTIVE COATING AND MATERIAL REQUIREMENTS, SEE SEC 1040 OF THE STANDARD SPECIFICATIONS.

RAIL POSTS SHALL BE SET PERPENDICULAR TO THE ROADWAY PROFILE GRADE AND VERTICALLY IN CROSS SECTION.

USE 5/8" BUTTON-HEAD OVAL SHOULDER BOLTS WITH HEX NUTS AT ALL SLOTS (THICKNESS OF HEX NUTS = 3/8" MIN.).

THE BEARING PLATE SHALL BE FABRICATED FROM GRADE A36 STEEL AND GALVANIZED.

ALL LAP SPLICES, INCLUDING END SHOES, SHALL BE MADE IN THE DIRECTION OF TRAFFIC.

THE COST OF FURNISHING, FABRICATING AND INSTALLING BRIDGE APPROACH TRANSITION (EXTENDED CURB), COMPLETE IN PLACE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH.

BRIDGE APPROACH TRANSITION (EXTENDED CURB)(2)

THE CONTRACTOR MAY, AT THEIR OPTION, FURNISH EQUIVALENT SECTIONS FABRICATED FROM MATERIAL MEETING AND IN ACCORDANCE WITH THE REQUIREMENTS OF ASTM A769 GRADE 36 OR 40. THE SECTIONS SHALL BE GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH REQUIREMENTS OF AASHTO M 111.

- (1) PLACE THE FIRST POST OF THE MGS 6'-3" PAST THE LAST POST OF THE BRIDGE APPROACH TRANSITION TO KEEP POSTS OFFSET FROM THE RAIL SPLICES.
- (2) WHERE CURB EXTENDS UPSTREAM OF POST NO. (1) FOR DRAINAGE PURPOSES, A STIFFNESS TRANSITION CONSISTING OF AN EXTRA 12'-6" BEAM OF 12 GAUGE W-BEAM MUST BE NESTED PRIOR TO THE TRANSITION SECTION (UPSTREAM OF POST NO. (13)). THE CURB SHALL BE EXTENDED TO THE END OF THE 12'-6" 12 GAUGE W-BEAM STIFFNESS TRANSITION SEE STD. PLAN 609.40 FOR DETAILS. WHEN CURBS DO NOT EXTEND UPSTREAM OF POST NO. (13), PAY FOR A BRIDGE APPROACH TRANSITION (REGULAR CURB/NO CURB). FOR DETAILS OF BRIDGE APPROACH TRANSITION (REGULAR CURB/NO CURB), SEE SHEET 2 OF 6.
- (3) THE ADDITIONAL REQUIRED MGS GUARDRAIL IS INCLUDED IN THE TOTAL LENGTH OF NEED AND SHALL BE PAID FOR AS A GUARDRAIL PAY ITEM.

		MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION 105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)	
		MIDWEST GUARDRAIL SYSTEM (MGS) VERTICAL BARRIER TRANSITIONS	
DATE EFFECTIVE: 07/01/2021 DATE PREPARED: 4/29/2021	606.60B	SHEET NO. 1 OF 6	

PRELIM.

MICAH J. TAYLOR
PROFESSIONAL ENGINEER
MO LIC. #P.E. - 2013019123

Boone County Resource
Management Department
Engineering Division
801 E. Walnut, Room 315
Columbia, Missouri 65201
Phone: 573-886-4480
Fax: 573-886-4340

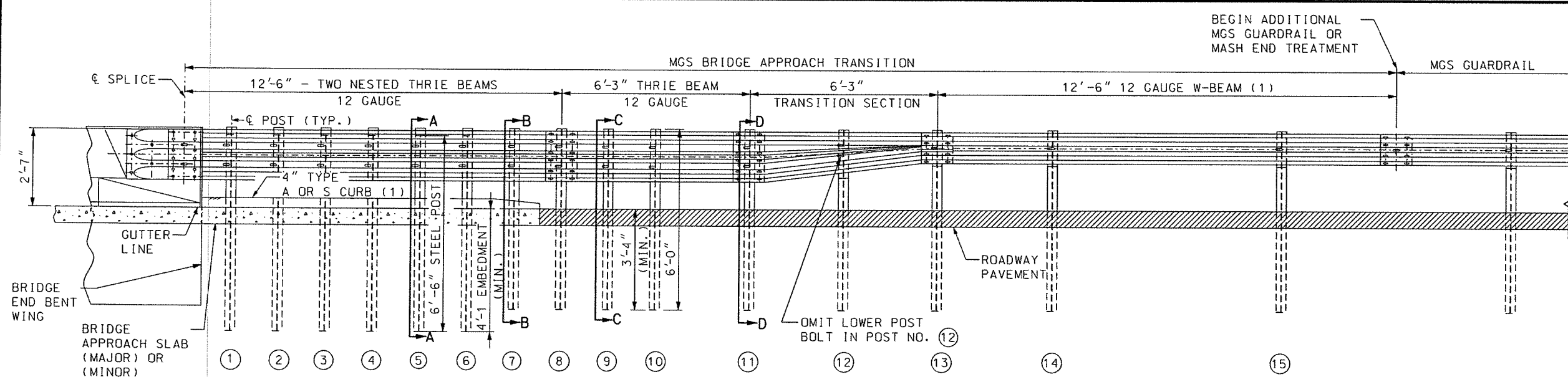


REVISIONS	DATE

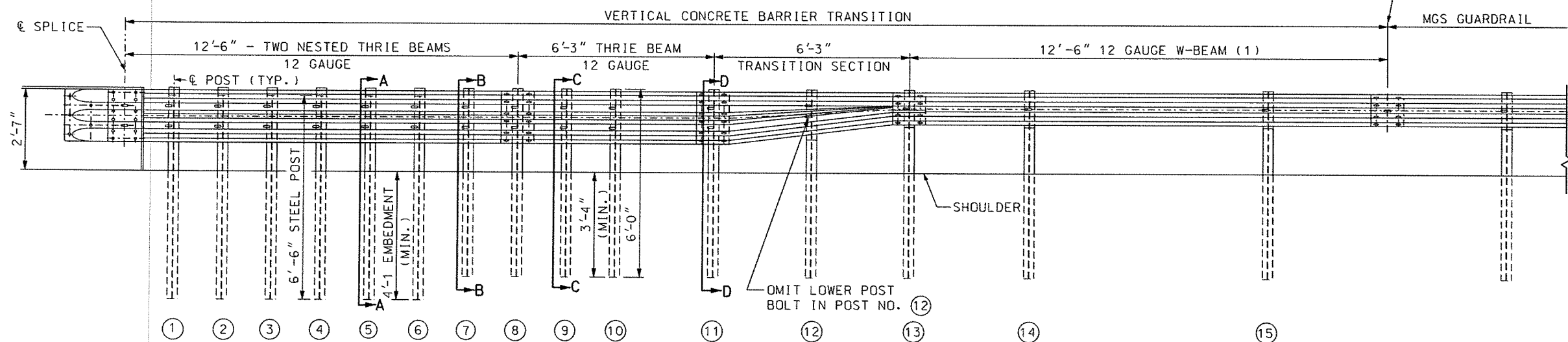
DATE
JAN. 2023

SHEET
23
23 OF 26

GILLESPIE BRIDGE RD. &
OBERMILLER RD. ASHALT
OVERLAY - 2023
GILLESPIE BRIDGE RD.
MGS BRIDGE TRANSITIONS 1



BRIDGE APPROACH TRANSITION (WITH REGULAR LENGTH CURB OR NO CURB)(1)



VERTICAL CONCRETE BARRIER TRANSITION (REGULAR LENGTH CURB OR NO CURB)(1)
(VIEW SHOWN WITHOUT CURB)

GENERAL NOTES:
SEE SHEET 1 FOR ADDITIONAL NOTES NOT INCLUDED ON THIS SHEET.

THE COST OF FURNISHING, FABRICATING AND INSTALLING
BRIDGE APPROACH TRANSITION (REGULAR/NO CURB), COMPLETE
IN PLACE, WILL BE PAID FOR AT THE CONTRACT UNIT
PRICE PER EACH.

(1) WHERE CURB EXTENDS UPSTREAM OF POST NO. (11) FOR DRAINAGE PURPOSES,
A STIFFNESS TRANSITION CONSISTING OF AN EXTRA 12'-6" BEAM OF 12
GAUGE W-BEAM MUST BE NESTED PRIOR TO THE TRANSITION SECTION
(UPSTREAM OF POST NO. (13)). THE CURB SHALL BE EXTENDED TO THE END
OF THE 12'-6" 12 GAUGE W-BEAM STIFFNESS TRANSITION SEE STD. PLAN
609.40 FOR DETAILS. IF CURB EXTENDS BEYOND POST NO. (11), PAY FOR
A BRIDGE APPROACH TRANSITION (EXTENDED CURB).

<p>MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION</p> <p>105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)</p>		<p>STATE OF MISSOURI</p> <p>TRAVIS D. KOESTHER NUMBER PE-30042 PROFESSIONAL ENGINEER</p> <p>THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.</p>		<p>MIDWEST GUARDRAIL SYSTEM (MGS) VERTICAL BARRIER TRANSITIONS</p>	
<p>DATE EFFECTIVE: 07/01/2021 DATE PREPARED: 5/5/2021</p>		<p>606.60B</p>		<p>SHEET NO. 2 OF 6</p>	

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

GILLESPIE BRIDGE RD. &
OBERMILLER RD. ASHALT
OVERLAY - 2023
GILLESPIE BRIDGE RD.
MGS BRIDGE TRANSITIONS 2

Boone County Resource
Management Department
Engineering Division
801 E. Walnut, Room 315
Columbia, Missouri 65201
Phone: 573-886-4480
Fax: 573-886-4340

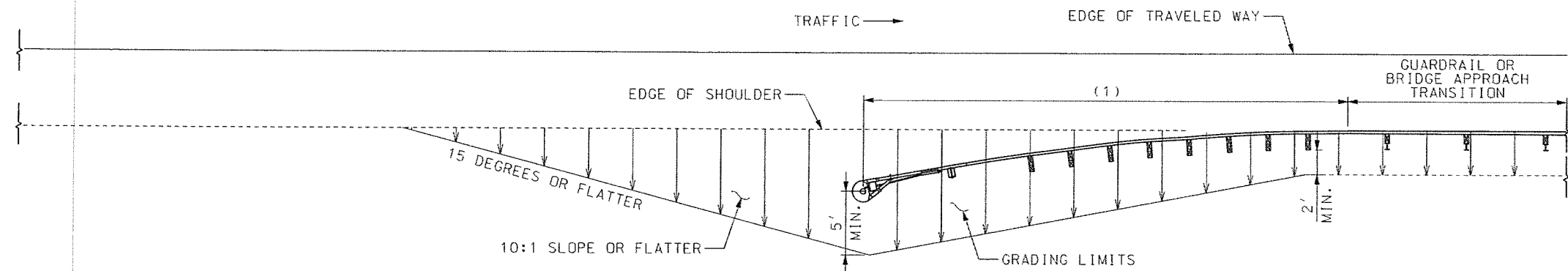
REVISIONS	DATE

DATE
JAN. 2023

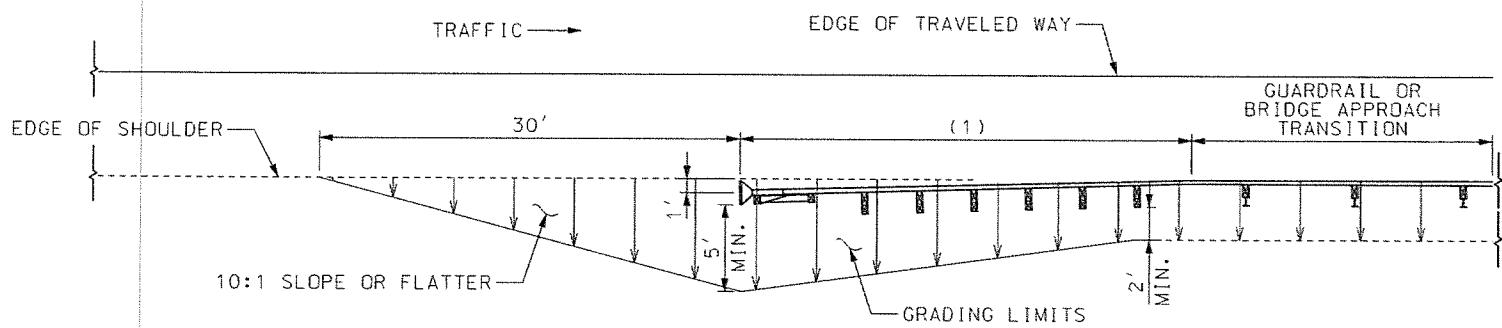
SHEET
24
24 OF 26

PRELIM.

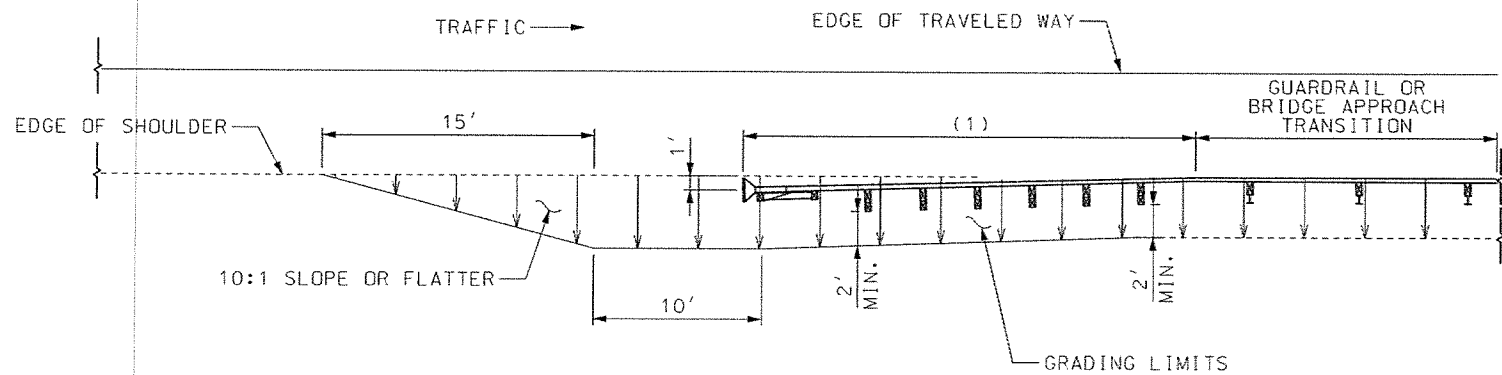
MICAH J. TAYLOR
PROFESSIONAL ENGINEER
MO LIC. #P.E. - 2013019123



GRADING LIMITS FOR FLARED CRASHWORTHY END TERMINALS



STANDARD GRADING LIMITS FOR CRASHWORTHY END TERMINALS



ALTERNATE GRADING LIMITS FOR CRASHWORTHY END TERMINALS

GENERAL NOTES:

STANDARD GRADING LIMITS SHALL BE USED WHEN CONSTRUCTING A NEW ROADBED. ALTERNATE GRADING LIMITS ARE ALLOWABLE ON EXISTING ROADBEDS EXCEPT WHEN STANDARD GRADING IS INDICATED ON THE PLANS.

THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH APPROVED SHOP DRAWINGS OF THE MASH APPROVED CRASHWORTHY END TERMINAL.

END ANCHORS SHALL BE INSTALLED ON ENDS OF GUARDRAIL RUNS WHERE CRASHWORTHY END TERMINALS ARE NOT REQUIRED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

STATE OF MISSOURI
TRANS D. KOESTNER
NUMBER PE-30042
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY

**MASH
CRASHWORTHY END TERMINALS
TYPE A
GRADING LIMITS**

DATE EFFECTIVE: 10/01/2019	606.81B	SHEET NO. 1 OF 1
DATE PREPARED: 7/18/2019		

(1) APPROVED CRASHWORTHY END TERMINAL

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

GILLESPIE BRIDGE RD. &
OBERMILLER RD. ASHALT
OVERLAY - 2023
GILLESPIE BRIDGE RD.
END TERM. GRADING LIMITS

Boone County Resource
Management Department
Engineering Division
801 E. Walnut, Room 315
Columbia, Missouri 65201
Phone: 573-886-4480
Fax: 573-886-4340



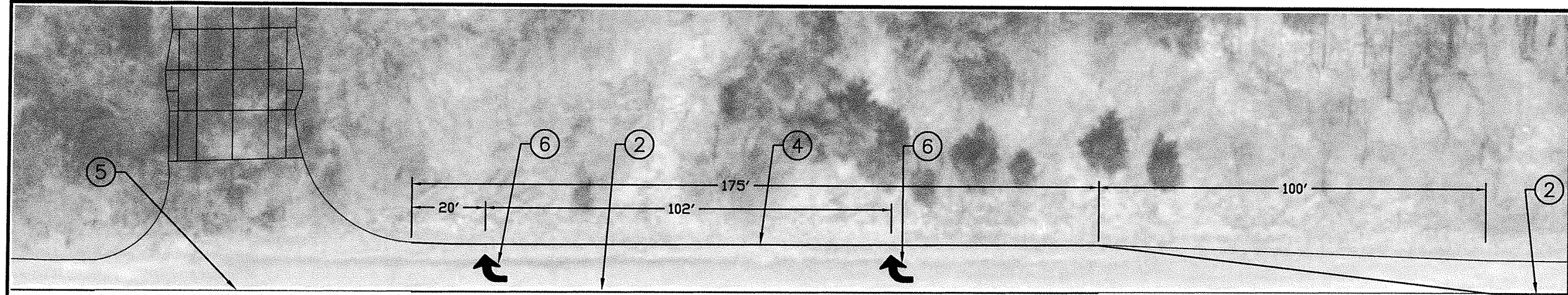
REVISIONS	DATE

DATE
JAN. 2023

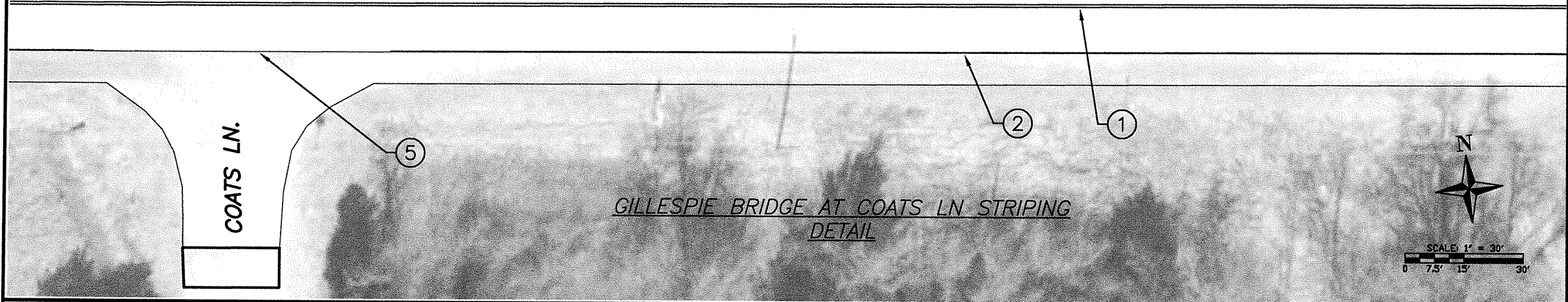
SHEET
25
25 OF 26

PRELIM.

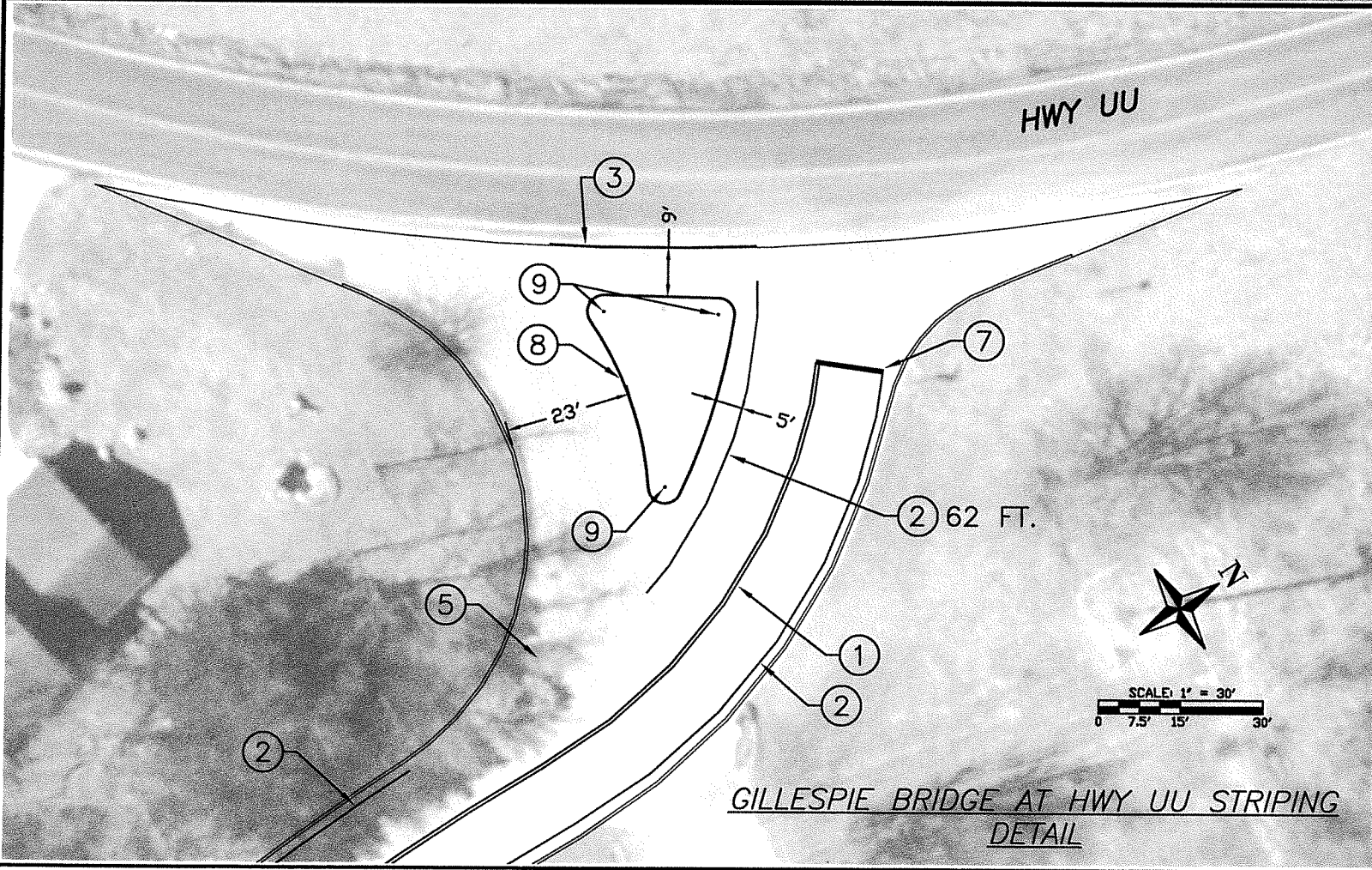
MICAH J. TAYLOR
PROFESSIONAL ENGINEER
MO LIC. #P.E. - 2013019123



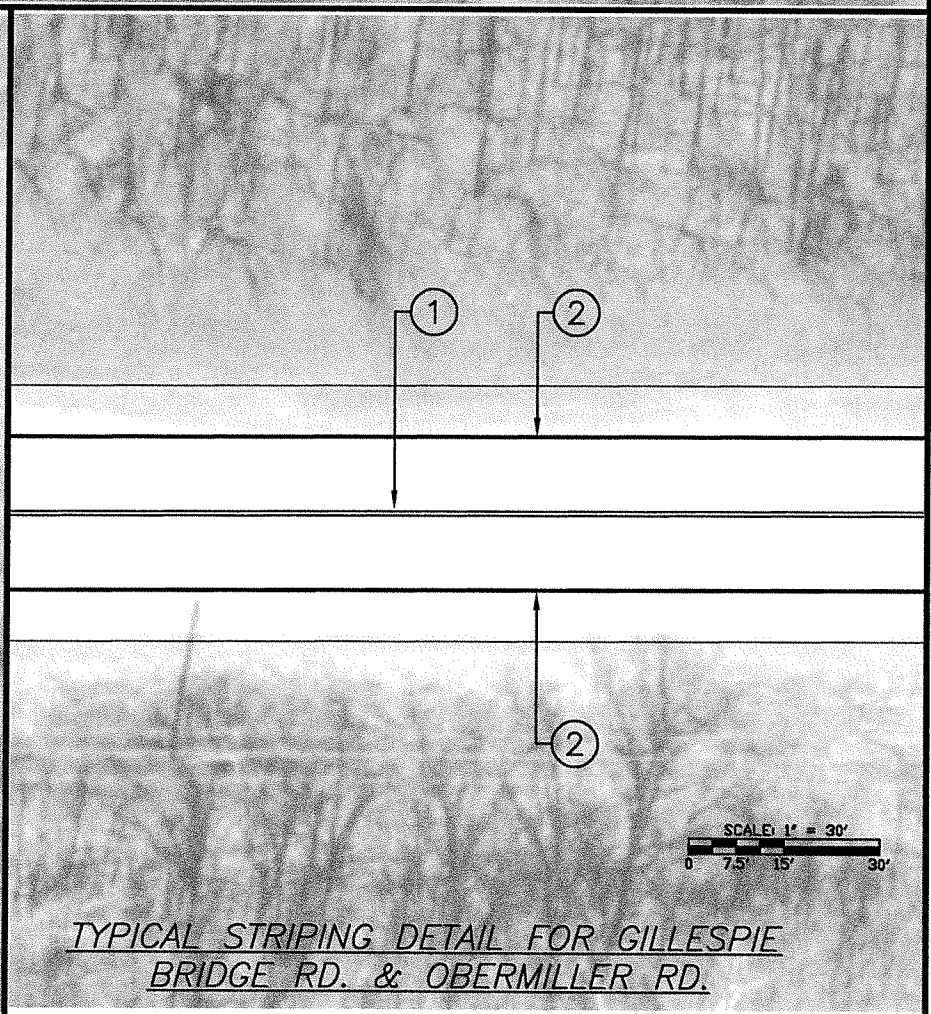
GILLESPIE BRIDGE RD.



GILLESPIE BRIDGE AT COATS LN STRIPING
DETAIL



GILLESPIE BRIDGE AT HWY UU STRIPING
DETAIL



TYPICAL STRIPING DETAIL FOR GILLESPIE
BRIDGE RD. & OBERMILLER RD.

- STRIPING PLAN NOTES:**
- 1 DOUBLE SOLID YELLOW. EACH YELLOW SHALL BE 4" IN WIDTH WITH DISCERNABLE SPACE BETWEEN. DOUBLE YELLOW SHALL BE CENTERED ON THE CENTERLINE.
 - 2 SINGLE SOLID WHITE EDGE LINE WITH A WIDTH OF 4". CENTER OF EDGE LINE SHALL BE APPROX. 11'10" OFFSET FROM ROAD CENTERLINE.
 - 3 SINGLE SOLID WHITE EDGE LINE WITH 4" WIDTH AND 38" LENGTH SHALL BE PAINTED IF ORIGINAL WAS MILLED AWAY OR DAMAGED DURING CONSTRUCTION. WHITE EDGE SHALL BE IN LINE WITH EXISTING EDGE OF HWY UU.
 - 4 CREATE SINGLE SOLID WHITE EDGE TAPER & EDGE LINE. LINE SHALL HAVE A 4" WIDTH.
 - 5 A GAP IN THE WHITE EDGE LINE SHALL EXIST AT ALL INTERSECTIONS OF SIDESTREETS. GAP SHALL EXTENT FROM CURVE TANGENT POINT TO CURVE TANGENT POINT. SIDESTREETS WHICH RECEIVE GAPS ARE COATS LN., TAMARACK DR., JOHNMAYER LN., & THE TURN LANE AT HWY UU (ON GILLESPIE BRIDGE RD.) GAPS SHALL ALSO EXIST AT O'NEAL RD, ROEMER RD., & OBERLIN VALLEY RD. (ON OBERMILLER RD.)
 - 6 PAINT TWO (2) RIGHT TURN ARROWS IN THE TURN LANE. DIMENSIONS OF ARROWS SHALL BE IN ACCORDANCE WITH MUTCD.
 - 7 PAINT A WHITE STOP BAR WITH WIDTH OF 12".
 - 8 PAINT A TRAFFIC ISLAND USING A SINGLE SOLID WHITE LINE WITH 6" WIDTH. CORNER RADII SHALL BE 3'.
 - 9 INSTALL 36" TALL WHITE FLEXIBLE DELINEATOR POSTS AT THE RADIUS POINTS OF ALL THREE ISLAND CORNERS. POSTS SHALL HAVE 2 REFLECTIVE STRIPS AT THE TOP.

GILLESPIE BRIDGE RD. &
OBERMILLER RD. ASHALT
OVERLAY - 2023
GILLESPIE BRIDGE RD.
STRIPING DETAIL

Boone County Resource
Management Department

Engineering Division
801 E. Walnut, Room 315
Columbia, Missouri 65201
Phone: 573-886-4480
Fax: 573-886-4340

REVISIONS	
DATE	

DATE
JAN. 2023

SHEET
26
26 OF 26

PRELIM.

MICAH J. TAYLOR
PROFESSIONAL ENGINEER
MO LIC. #P.E. - 2013019123