

ADDENDUM NO. 1
TO
BRIDGE REPLACEMENT
LINN STREET
BRIDGE NO. 0360011
BRO-B120 (1)
OVER UNNAMED CREEK
MACON COUNTY, MO

April 22, 2026

You are instructed to read and note the following described changes, corrections, clarifications, omissions, deletions, additions, approvals, and statements pertinent to the Construction Documents.

Addendum No. 1 is a part of the Contract Bid and Construction Documents and shall govern in the updated Plans and updated Proposal and Federal Wage Rates.

Addendum No. 1 removes asphalt pavement and replaces with concrete pavement, as result the aggregate shoulder thickness is modified.

Updates:

1. Updated Plan Sheets:
 - a. **See attached**

2. Specifications:
 - a. **Itemized Proposal - See attached**
 - b. **GSP – Section 310 Aggregate Surface - See attached**

ACKNOWLEDGEMENT: Each Bidder shall acknowledge receipt of Addendum No. 1 by their signature affixed hereto and shall file Addendum No. 1 with their bid.

Signature of Bidder

Contractor

By: _____

Title: _____

Date: _____

OFF-SYSTEM BRIDGE REPLACEMENT CITY OF BEVIER, MO PROJECT NO. BRO-R120(1)

McCLURE™
107 Butler St.
Macon, Missouri 63552
P 660-385-6441
F 660-385-6614

Ankeny, IA | Carroll, IA | Clive, IA
Cedar Rapids, IA | Fort Dodge, IA
North Liberty, IA | Sioux City, IA
Macon, MO | Columbia, MO
North Kansas City, MO
Lenexa, KS

NOTICE:
McClure Engineering Co. is not responsible or liable for any issues, claims, damages, or losses (collectively, "Losses") which arise from failure to follow these Plans, Specifications, and the engineering intent they convey, or for Losses which arise from failure to obtain and/or follow the engineers' or surveyors' guidance with respect to any alleged errors, omissions, inconsistencies, ambiguities, or conflicts contained within the Plans and Specifications.

MISSOURI CERTIFICATE OF AUTHORITY NO. E-2006023253
EXPIRES: DECEMBER 31, 2025



REVISIONS
1 4/17/2026 ADDENDUM 1

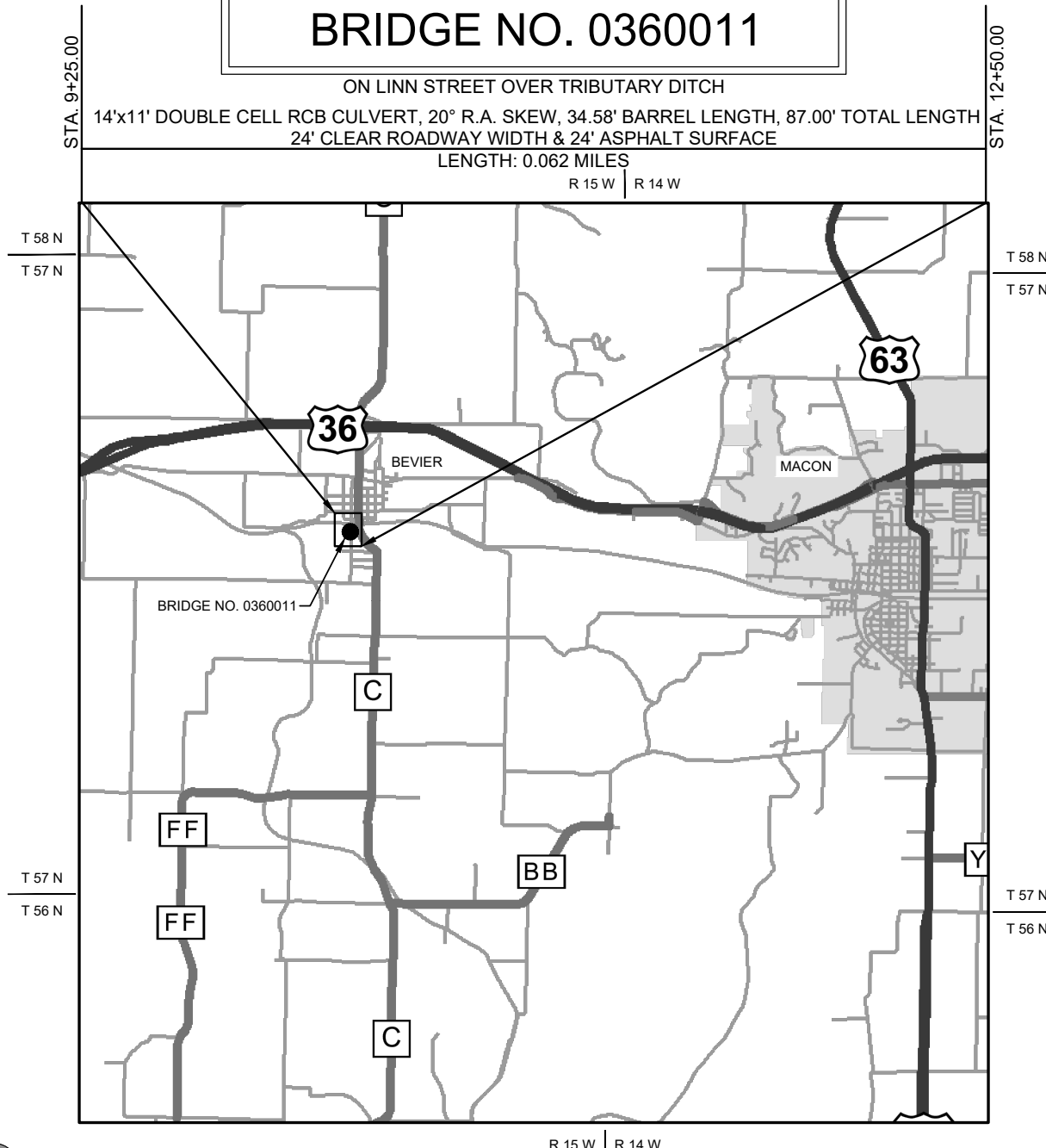
PROJECT INFO
2022001012

ENGINEER: CWM DRAWN BY: JJB CHECKED BY: ADM

BRIDGE NO. 0360011

ON LINN STREET OVER TRIBUTARY DITCH
14'x11' DOUBLE CELL RCB CULVERT, 20° R.A. SKEW, 34.58' BARREL LENGTH, 87.00' TOTAL LENGTH
24' CLEAR ROADWAY WIDTH & 24' ASPHALT SURFACE
LENGTH: 0.062 MILES

R 15 W | R 14 W



R 15 W | R 14 W

SECTION 15 T57N R15W
LOCATION MAP
NOT TO SCALE

DESIGN DESIGNATION

A.A.D.T-2020= 100 2040= 110
D = 50% T=10%
V = 35 mph
FUNCTIONAL CLASS = RURAL LOCAL ROAD

CITY OF BEVIER, MO, ADMINISTRATION

MAYOR: BRICE HOPKINS
CLERK: TRINETTE PEUKERT

SUBMITTED & RECOMMENDED
FOR APPROVAL BY

MAYOR _____ DATE _____

CITY CLERK _____ DATE _____

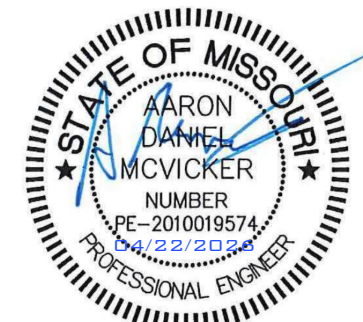
UTILITY CONTACTS

SUPPLIER: CITY OF BEVIER
ATTN: ROGER TETER
PHONE: 660-346-9713
E-MAIL:

SUPPLIER: CHARITON VALLEY TELEPHONE
ATTN: CURTIS
PHONE: 660-395-9000
E-MAIL: CUSTOMERCARE@VALLEY.NET

SUPPLIER: MACON ELECTRIC COOPERATIVE
ATTN: MICHAEL LUCAS
PHONE: 660-385-3157
E-MAIL: MLUCAS@MACONELECTRIC.COM

SUPPLIER: MACON COUNTY PWSD 1
ATTN: BRIAN BENDER
PHONE: 660-385-6457
E-MAIL: MCPWSD01@GMAIL.COM

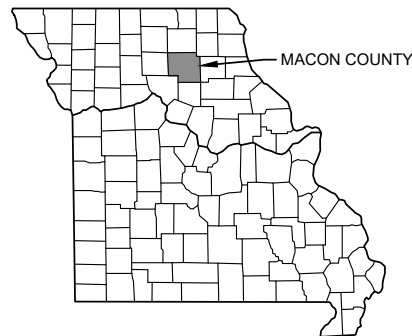


AARON DANIEL MCVICKER
PE-2010019574

INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	TYPICAL DETAILS
3	ROADWAY PLAN AND PROFILE
4	GRADING PLAN
5	GRADING PROFILES
6	EROSION CONTROL PLAN
7	RIGHT OF WAY AND EASEMENT PLAN
8	GENERAL NOTES AND QUANTITIES
9	BOX CULVERT PLAN AND ELEVATION
10	MoDOT 703.44H-1
11	MoDOT 703.44H-2
12	MoDOT 703.44H-3
13	MoDOT 703.47A-22
14	GUARDRAIL PLAN & DETAILS
15	TRAFFIC CONTROL PLAN
16	ROADWAY CROSS SECTIONS
17	ROADWAY CROSS SECTIONS

MoDOT STANDARD PLANS	
SHEET NO.	DESCRIPTION
502.05S	CONCRETE PAVEMENT AND BASE (4 SHEETS)
502.10L	DOWEL SUPPORTING UNITS (2 SHEETS)

BENCHMARK INFORMATION	
	TEMPORARY BENCHMARK BM100 SET STEPPED NAIL BENCHMARK IN POWER POLE 92'± SOUTH OF SOUTH END OF EXISTING BRIDGE ALONG CENTERLINE OF ROAD & 24'± EAST OF CENTERLINE OF ROADWAY
ELEVATION 785.47	
	TEMPORARY BENCHMARK BM101 SET STEPPED NAIL BENCHMARK IN UTILITY POLE 95'± NORTH OF NORTH END OF EXISTING BRIDGE ALONG CENTERLINE OF ROAD AND THEN 25'± EAST OF CENTERLINE OF ROADWAY
ELEVATION 776.86	



MISSOURI KEY MAP
SHOWING LOCATION OF COUNTY



THE CONTRACTOR SHALL ADHERE TO THE PROVISIONS OF THE SENATE BILL NUMBER 583, 78TH GENERAL ASSEMBLY OF THE STATE OF MISSOURI. THE BILL REQUIRES THAT ANY PERSON OR FIRM DOING EXCAVATION ON PUBLIC RIGHT-OF-WAY DO SO ONLY AFTER GIVING NOTICE TO, AND OBTAINING INFORMATION FROM, UTILITY COMPANIES. STATE LAW REQUIRES 48 HOURS ADVANCE NOTICE.

CITY OF BEVIER, MO
BRO-R120(1) LINN STREET
BRIDGE NO. 0360011






TITLE SHEET

DRAWING NO.
1 OF 17




C:\PROJECTS\2022\2001012\06-DRAWINGS\CIVIL\2022001012-C-TTL-00.DWG

EXISTING SURVEY LEGEND












ELECTRIC

-  AIR CONDITIONING UNIT
-  BREAKER BOX
-  ELECTRIC MANHOLE
-  ELECTRIC METER
-  ELECTRIC PEDESTAL






GAS

-  GAS MARKER
-  GAS METER
-  GAS VALVE








GENERAL SITE FEATURES

-  BOLLARD
-  FLAGPOLE
-  FLOOD LIGHT
-  GUY WIRE
-  MAILBOX
-  SIGN- DOUBLE POST
-  SIGN- SINGLE POST
-  STREET LIGHT
-  UTILITY POLE
-  UTILITY POLE W/STREET LIGHT
-  UNKNOWN MANHOLE




STORM SEWER

-  BEEHIVE INTAKE (SIZE VARIES)
-  FLARED END SECTION (SIZE VARIES)
-  STAND PIPE
-  STORM SEWER CLEANOUT
-  STORM SEWER MANHOLE





MONUMENTS

-  BENCHMARK
-  BENCHMARK (TEMPORARY)
-  CONTROL POINT
-  CUT X FOUND
-  CUT X SET
-  T POST
-  WOODEN POST








SANITARY SEWER

-  SANITARY SEWER CLEANOUT
-  SANITARY SEWER MANHOLE
-  SEPTIC TANK LID












VEGETATION

-  CONIFEROUS TREE (SIZE VARIES)
-  DECIDUOUS TREE (SIZE VARIES)
-  SHRUB (SIZE VARIES)
-  TREE STUMP (SIZE VARIES)

































TELECOMMUNICATIONS

-  COMPOSITE HANDHOLE
-  FIBER OPTIC MARKER
-  SATELLITE DISH
-  TELEPHONE MANHOLE
-  TELEPHONE PEDESTAL
-  TV/CABLE BOX
-  TV/CABLE MANHOLE
-  TV/CABLE PEDESTAL

WATER

-  FIRE HYDRANT
-  IRRIGATION VALVE
-  MONITORING WELL
-  POST INDICATOR VALVE
-  SPRINKLER BOX
-  WATER MANHOLE
-  WATER MARKER
-  WATER SPIGOT
-  WATER VALVE
-  WATER VALVE MANHOLE
-  YARD HYDRANT

LINework

-  SANITARY SEWER
-  SANITARY SEWER FORCE MAIN
-  STORM SEWER
-  WATER
-  UNDERGROUND ELECTRIC
-  OVERHEAD ELECTRIC
-  UNDERGROUND COMMUNICATIONS
-  OVERHEAD COMMUNICATIONS
-  UNDERGROUND TELEPHONE
-  OVERHEAD TELEPHONE
-  UNDERGROUND FIBER OPTIC
-  OVERHEAD FIBER OPTIC
-  UNDERGROUND TV/CABLE
-  OVERHEAD TV/CABLE
-  GAS
-  TRAFFIC
-  INTERMEDIATE CONTOUR
-  INDEX CONTOUR
-  PROPERTY LINE
-  RIGHT OF WAY
-  SECTION LINE
-  EASEMENT
-  GUARD RAIL
-  FIELD FENCE
-  CHAIN LINK FENCE
-  WOODEN FENCE
-  SILT FENCE
-  AGRICULTURE LINE
-  EDGE OF TREES
-  TOP/BOTTOM OF SLOPE
-  ROAD CENTERLINE
-  WATERWAY FLOWLINE

SET 1/2" IRON BAR WITH MEC CAP 333± NORTH OF EXISTING BRIDGE ALONG CL OF ROAD AND THEN 15± SOUTH OF CL OF ROAD.
CP200
N.=1424883.14, E.=1622104.44

SET 1/2" IRON BAR WITH MEC CAP 65± NORTH OF EXISTING BRIDGE ALONG CL OF ROAD AND THEN 18± SOUTHEAST OF CL OF ROAD.
CP201
N.=1424881.96, E.=1621865.05

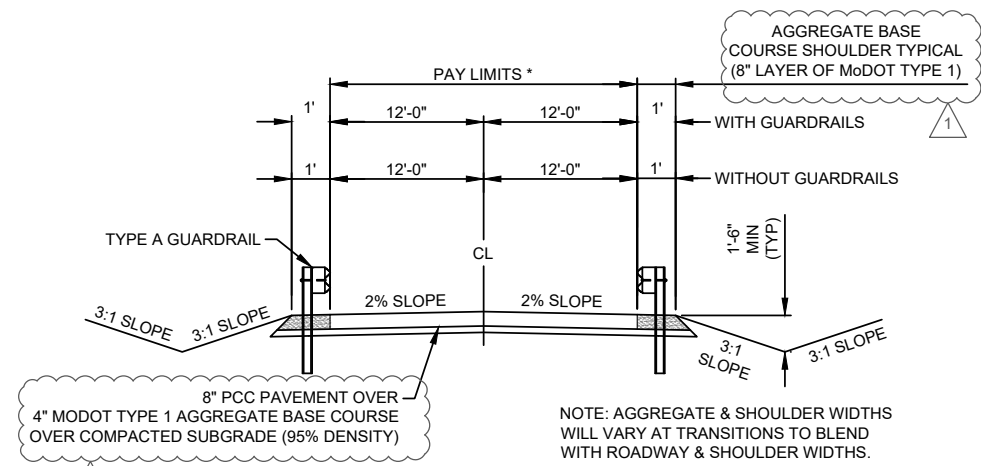
SET 1/2" IRON BAR WITH MEC CAP 155± SOUTH OF EXISTING BRIDGE ALONG CL OF ROAD AND THEN 18± EAST OF CL OF ROAD.
CP202
N.=1424660.90, E.=1621862.06

SET 1/2" IRON BAR WITH MEC CAP 266± WEST OF EXISTING INTERSECTION OF ROUNDHOUSE ROAD AND LINN STREET ALONG CL OF ROUNDHOUSE ROAD.
CP203
N.=1425007.68, E.=1621603.50

- SURVEY USED FOLLOWS MISSOURI STATE PLANE COORDINATES FROM MoDOT VRS, CENTRAL ZONE.
- GROUND SCALE FACTOR: 1.0000982844
- PROJECT SCALED ABOUT CONTROL POINT 201.
- ALL DISTANCES ARE GROUND DISTANCES.
- COORDINATES LISTED ARE MODIFIED STATE PLANE.

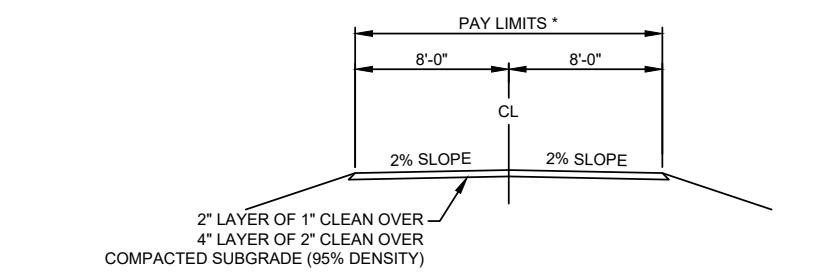


AARON DANIEL MCVICKER
PE-2010019574

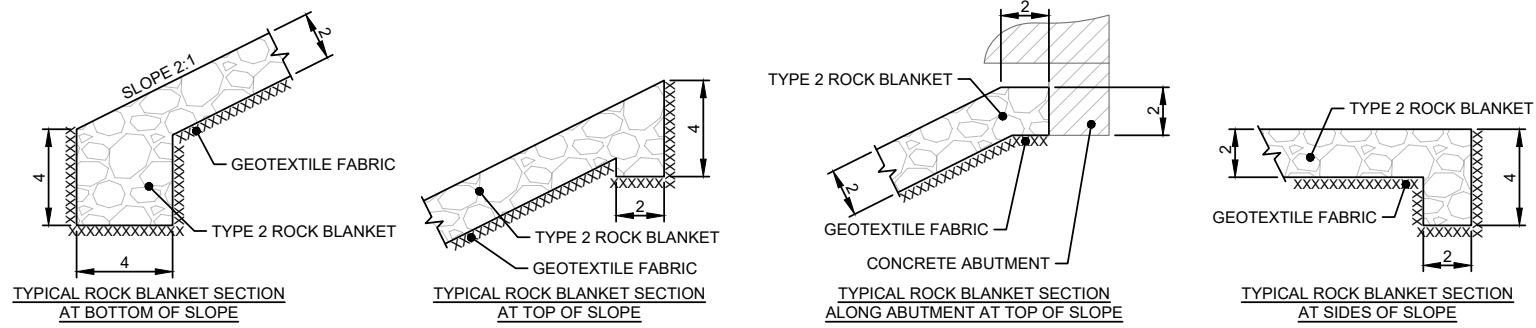


TYPICAL ASPHALT ROADWAY SECTION

MATCH EXISTING ROADWAY WIDTH AT ROUNDHOUSE ROAD NEW ASPHALT
* INCIDENTAL SLOPE IS SUBSIDIARY TO PAY LIMITS.



TYPICAL AGGREGATE ENTRANCE SECTION



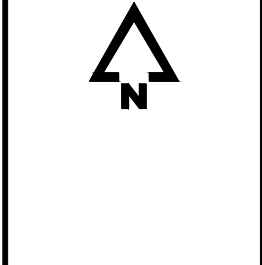
TYPICAL ROCK BLANKET SECTIONS

McCLURE™
107 Butler St.
Macon, Missouri 63552
P 660-385-6441
F 660-385-6614

Ankeny, IA | Carroll, IA | Clive, IA
Cedar Rapids, IA | Fort Dodge, IA
North Liberty, IA | Sioux City, IA
Macon, MO | Columbia, MO
North Kansas City, MO
Lenexa, KS

NOTICE:
McClure Engineering Co. is not responsible or liable for any issues, claims, damages, or losses (collectively, "Losses") which arise from failure to follow these Plans, Specifications, and the engineering intent they convey, or for Losses which arise from failure to obtain and/or follow the engineers' or surveyors' guidance with respect to any alleged errors, omissions, inconsistencies, ambiguities, or conflicts contained within the Plans and Specifications.

MISSOURI CERTIFICATE OF AUTHORITY NO. E-2006023253
EXPIRES: DECEMBER 31, 2025



REVISIONS
1 4/17/2026 ADDENDUM 1

PROJECT INFO
2022001012

ENGINEER: CWM
DRAWN BY: JJB
CHECKED BY: ADM

CITY OF BEVIER, MO
BRO-R120(1) LINN STREET
BRIDGE NO. 0360011

TYPICAL DETAILS

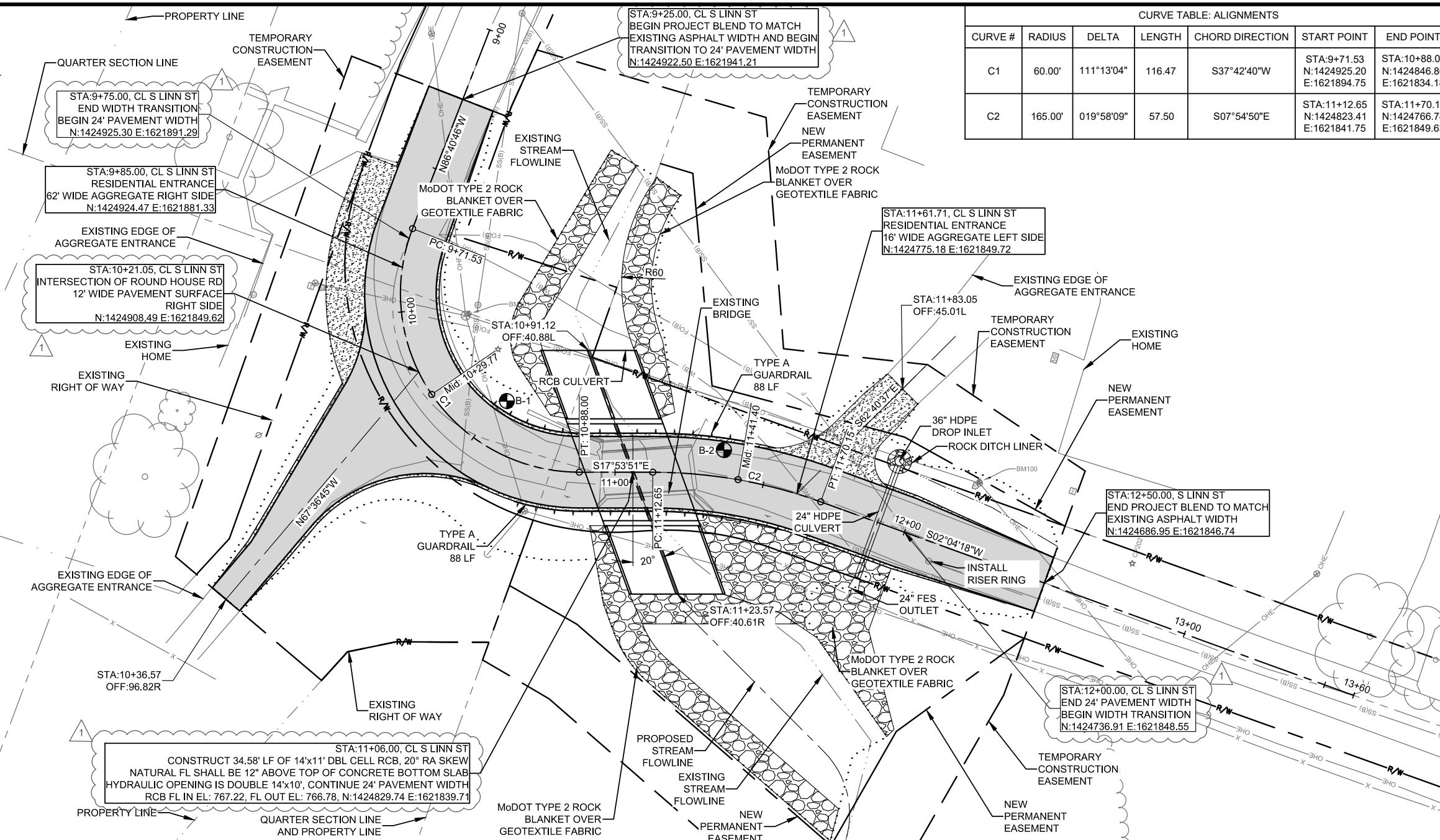
C:\PROJECTS\2022001012\06-DRAWINGS\CIVIL\2022001012-C-TYP-00.DWG

NOTE: INDICATES LOCATION OF BORINGS.
 NOTICE AND DISCLAIMER REGARDING BORING LOG DATA
 THE LOCATIONS OF ALL SUBSURFACE BORINGS FOR THIS STRUCTURE ARE SHOWN ON THIS SHEET. BORING DATA FOR THE NUMBERED LOCATIONS IS SHOWN IN THE SPECIFICATIONS. THE BORING DATA FOR ALL LOCATIONS INDICATED, AS WELL AS ANY OTHER BORING LOGS OR OTHER FACTUAL RECORDS OF SUBSURFACE DATA AND INVESTIGATIONS FOR THE DESIGN OF THIS PROJECT, ARE AVAILABLE FROM THE ENGINEER. NO GREATER SIGNIFICANCE OR WEIGHT SHOULD BE GIVEN TO THE BORING DATA DEPICTED ON THE PLAN SHEETS THAN TO SUBSURFACE DATA AVAILABLE FROM THE ENGINEER OR ELSEWHERE.

THE COMMISSION DOES NOT REPRESENT OR WARRANT THAT ANY SUCH BORING DATA ACCURATELY DEPICTS THE CONDITIONS TO BE ENCOUNTERED IN CONSTRUCTING THIS PROJECT. A CONTRACTOR ASSUMES ALL RISKS IT MAY ENCOUNTER IN BASING ITS BID PRICES, TIME OR SCHEDULE OF PERFORMANCE ON THE BORING DATA DEPICTED HERE OR THOSE AVAILABLE FROM THE ENGINEER, OR ON ANY OTHER DOCUMENTATION NOT EXPRESSLY WARRANTED, WHICH THE CONTRACTOR MAY OBTAIN FROM THE ENGINEER.

CONTRACT NOTE:
 1. MEET WITH ALL SURROUNDING LANDOWNERS PRIOR TO START OF CONSTRUCTION TO DEFINE LIMITS OF TEMPORARY CONSTRUCTION EASEMENT. DO NOT DISTURB VEGETATION OUTSIDE OF PERMANENT EASEMENT LIMITS WITHOUT LANDOWNER CONSENT.
 2. REMOVE ALL EXISTING FENCE BACK TO EDGE OF ROCK BLANKET. ROCK BLANKET TO ACT AS FUTURE CATTLE STOP.

REINFORCED CONCRETE BOX CULVERT (RCB):
 -14'x11' DOUBLE (DBL) CELL
 -20° RA SKEW
 -34.58' BARREL LENGTH
 -87.00' TOTAL LENGTH



CURVE TABLE: ALIGNMENTS						
CURVE #	RADIUS	DELTA	LENGTH	CHORD DIRECTION	START POINT	END POINT
C1	60.00'	111°13'04"	116.47	S37°42'40"W	STA:9+71.53 N:1424925.20 E:1621894.75	STA:10+88.00 N:1424846.86 E:1621834.18
C2	165.00'	019°58'09"	57.50	S07°54'50"E	STA:11+12.65 N:1424823.41 E:1621841.75	STA:11+70.15 N:1424766.74 E:1621849.63

McCLURE™
 107 Butler St.
 Macon, Missouri 63552
 P 660-385-6441
 F 660-385-6614

Ankeny, IA | Carroll, IA | Clive, IA
 Cedar Rapids, IA | Fort Dodge, IA
 North Liberty, IA | Sioux City, IA
 Macon, MO | Columbia, MO
 North Kansas City, MO
 Lenexa, KS

NOTICE:
 McClure Engineering Co. is not responsible or liable for any issues, claims, damages, or losses (collectively, "Losses") which arise from failure to follow these Plans, Specifications, and the engineering intent they convey, or for Losses which arise from failure to obtain and/or follow the engineers' or surveyors' guidance with respect to any alleged errors, omissions, inconsistencies, ambiguities, or conflicts contained within the Plans and Specifications.

MISSOURI CERTIFICATE OF AUTHORITY NO. E-2006023253
 EXPIRES: DECEMBER 31, 2025

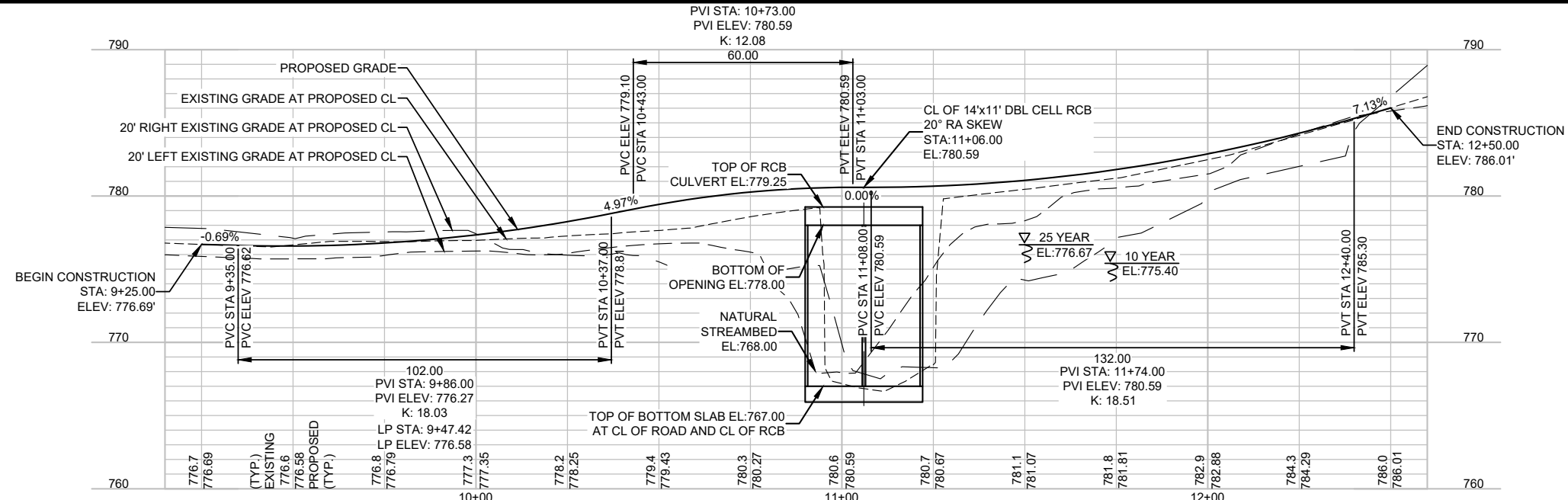
HORIZ. SCALE
 20 10 0 20

VERT. SCALE
 5 2.5 0 5

REVISIONS
 1 4/17/2026 ADDENDUM 1

PROJECT INFO
 2022001012

ENGINEER: CWM
 DRAWN BY: JJB
 CHECKED BY: ADM



STATE OF MISSOURI
 AARON DANIEL MCVICKER
 NUMBER PE-2010019574
 04/22/2023
 PROFESSIONAL ENGINEER

AARON DANIEL MCVICKER
 PE-2010019574

CITY OF BEVIER, MO
 BRO-R120(1) LINN STREET
 BRIDGE NO. 0360011

ROADWAY PLAN AND PROFILE

DRAWING NO.
 3 OF 17

C:\PROJECTS\2022001012\06-DRAWINGS\CIVIL\2022001012-C-PLN-00.DWG

CURVE TABLE: ALIGNMENTS						
CURVE #	RADIUS	DELTA	LENGTH	CHORD DIRECTION	START POINT	END POINT
C1	60.00'	111°13'04"	116.47	S37°42'40"W	STA:9+71.53 N:1424925.20 E:1621894.75	STA:10+88.00 N:1424846.86 E:1621834.18
C2	165.00'	019°58'09"	57.50	S07°54'50"E	STA:11+12.65 N:1424823.41 E:1621841.75	STA:11+70.15 N:1424766.74 E:1621849.63




McCLURE™
 107 Butler St.
 Macon, Missouri 63552
 P 660-385-6441
 F 660-385-6614

Ankeny, IA | Carroll, IA | Clive, IA
 Cedar Rapids, IA | Fort Dodge, IA
 North Liberty, IA | Sioux City, IA
 Macon, MO | Columbia, MO
 North Kansas City, MO
 Lenexa, KS

NOTICE:
 McClure Engineering Co. is not responsible or liable for any issues, claims, damages, or losses (collectively, "Losses") which arise from failure to follow these Plans, Specifications, and the engineering intent they convey, or for Losses which arise from failure to obtain and/or follow the engineers' or surveyors' guidance with respect to any alleged errors, omissions, inconsistencies, ambiguities, or conflicts contained within the Plans and Specifications.

MISSOURI CERTIFICATE OF AUTHORITY NO. E-2006023253
 EXPIRES: DECEMBER 31, 2025



HORIZ. SCALE
 20 10 0 20

VERT. SCALE
 5 2.5 0 5

REVISIONS
 1 4/17/2026 ADDENDUM 1

PROJECT INFO
 2022001012

ENGINEER: CWM DRAWN BY: JJB CHECKED BY: ADM

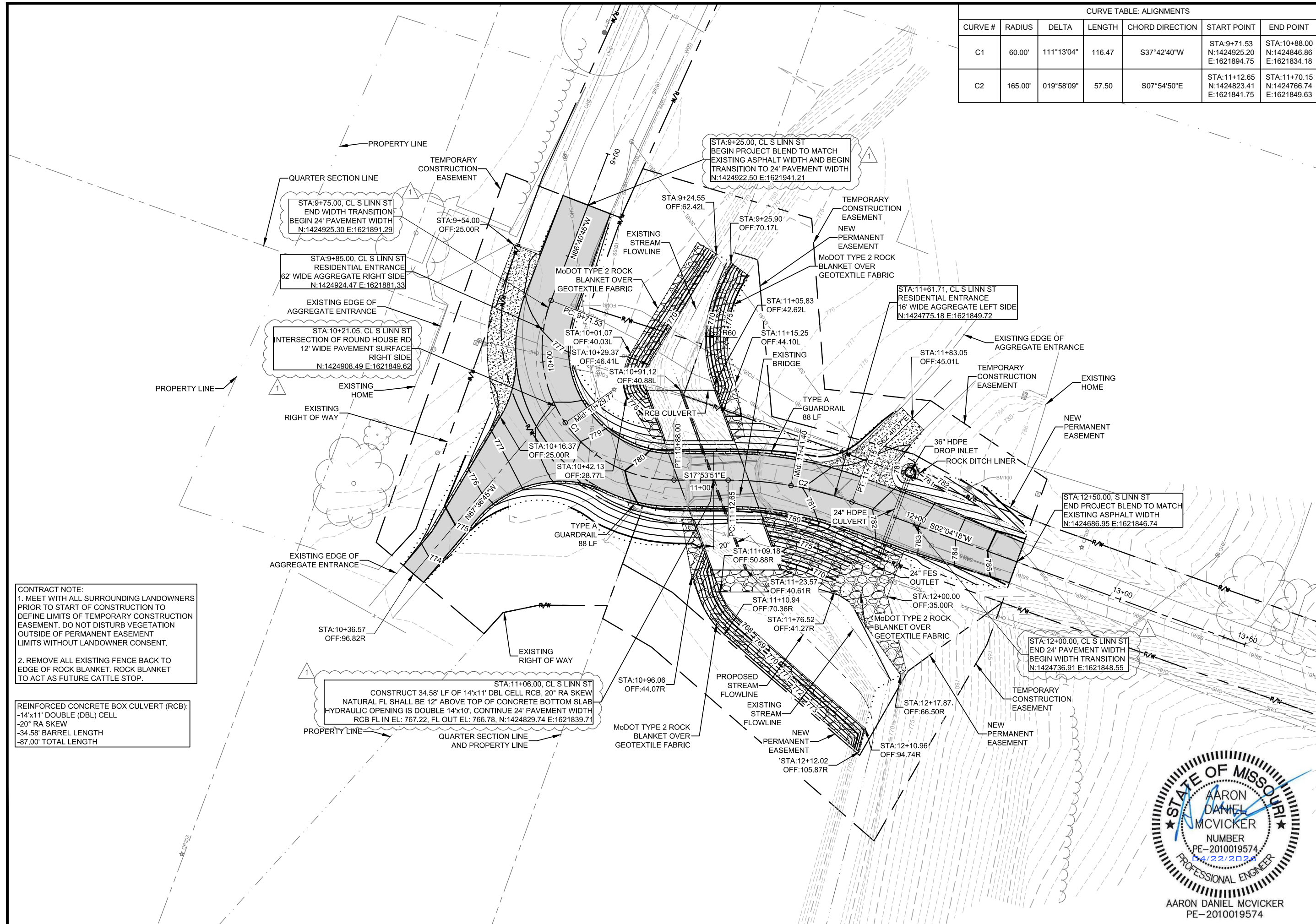
CITY OF BEVIER, MO
BRO-R120(1) LINN STREET
BRIDGE NO. 0360011

GRADING PLAN

C:\PROJECTS\2022001012\06-DRAWINGS\CIVIL\2022001012-C-PLN-00.DWG



AARON DANIEL MCVICKER
 PE-2010019574

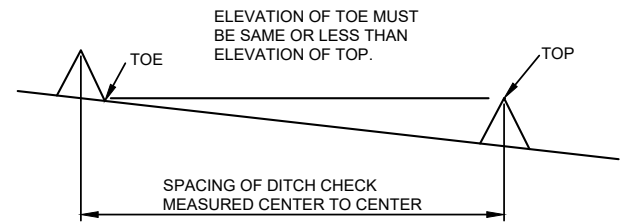
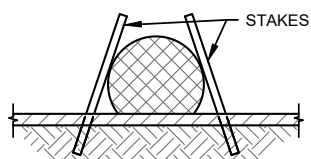
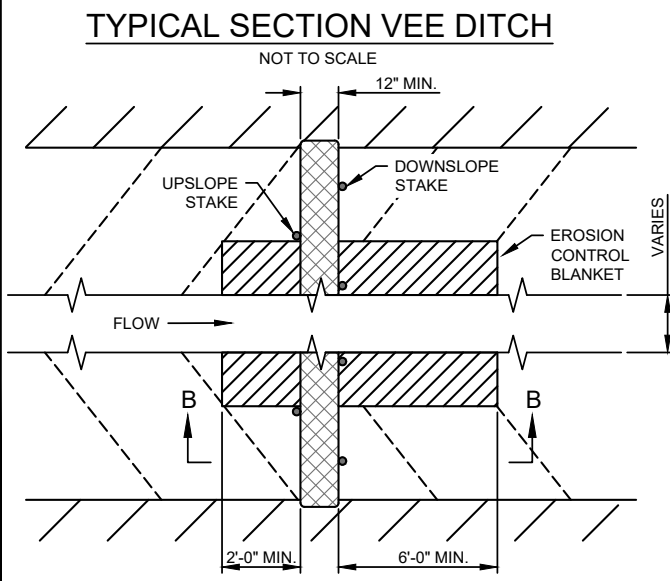
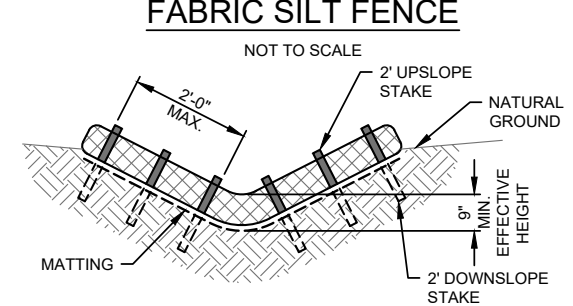
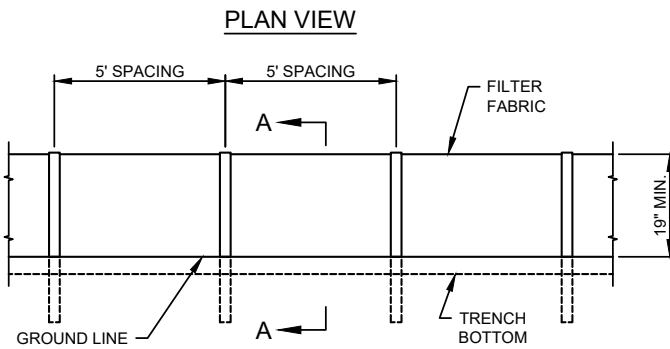
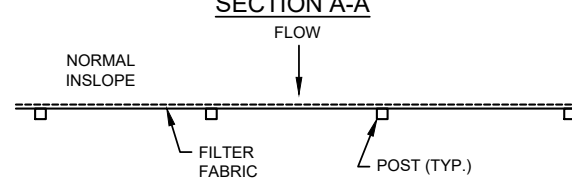
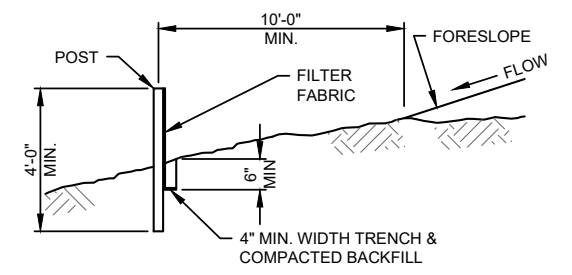


CONTRACT NOTE:
 1. MEET WITH ALL SURROUNDING LANDOWNERS PRIOR TO START OF CONSTRUCTION TO DEFINE LIMITS OF TEMPORARY CONSTRUCTION EASEMENT. DO NOT DISTURB VEGETATION OUTSIDE OF PERMANENT EASEMENT LIMITS WITHOUT LANDOWNER CONSENT.
 2. REMOVE ALL EXISTING FENCE BACK TO EDGE OF ROCK BLANKET. ROCK BLANKET TO ACT AS FUTURE CATTLE STOP.

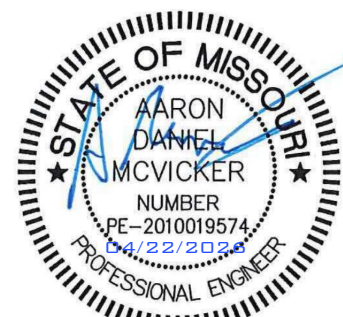
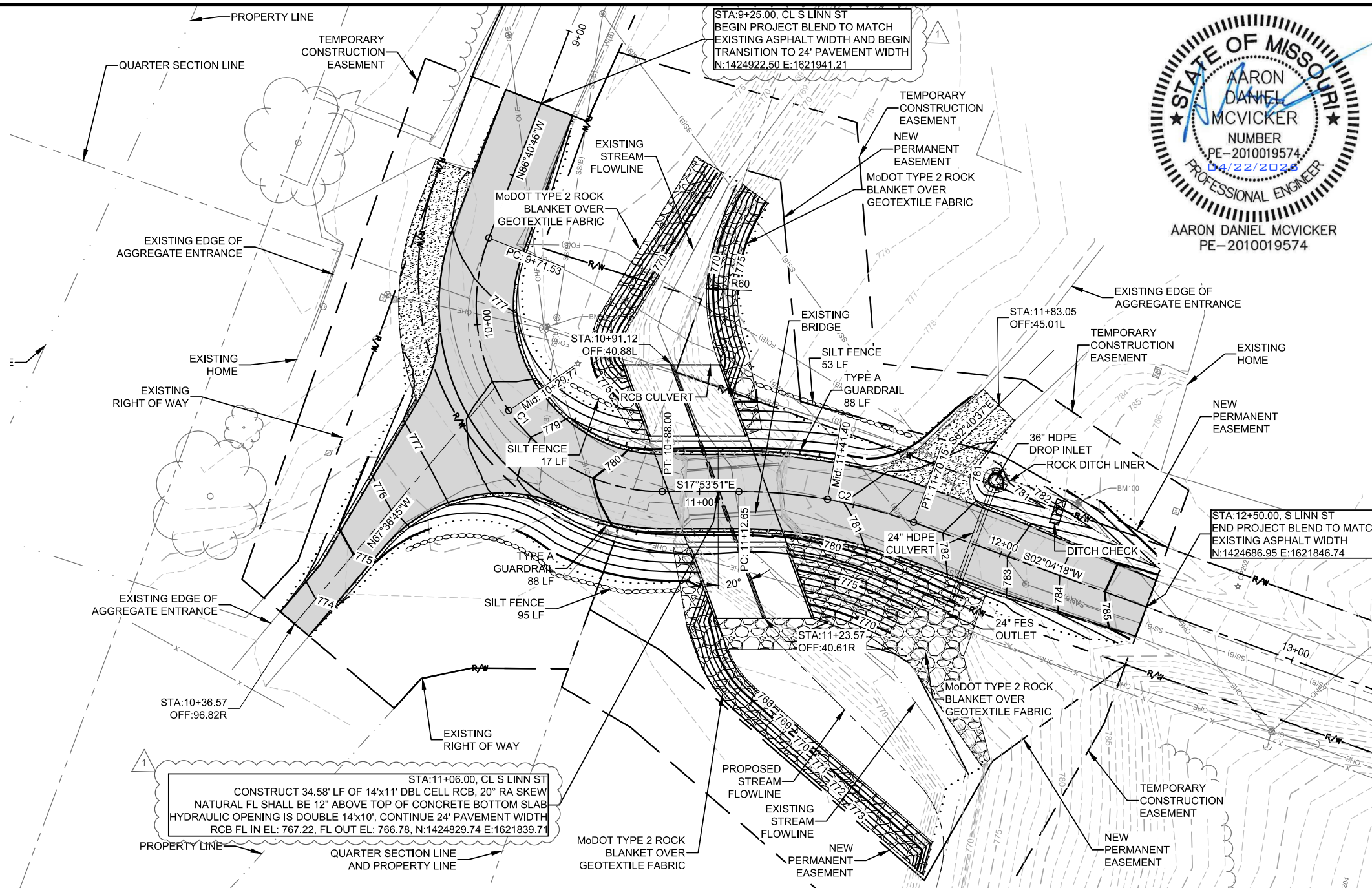
REINFORCED CONCRETE BOX CULVERT (RCB):
 -14'x11' DOUBLE (DBL) CELL
 -20° RA SKEW
 -34.58' BARREL LENGTH
 -87.00' TOTAL LENGTH

STA:11+06.00, CL S LINN ST
 CONSTRUCT 34.58' LF OF 14'x11' DBL CELL RCB. 20° RA SKEW
 NATURAL FL SHALL BE 12" ABOVE TOP OF CONCRETE BOTTOM SLAB
 HYDRAULIC OPENING IS DOUBLE 14'x10', CONTINUE 24' PAVEMENT WIDTH
 RCB FL IN EL: 767.22, FL OUT EL: 766.78, N:1424829.74 E:1621839.71

- PLAN NOTES:**
- EROSION CONTROL SHOWN PROVIDES FINISH GRADE EROSION CONTROL UNTIL VEGETATION IS ESTABLISHED INSIDE GRADING LIMITS. PAYMENT FOR ADDITIONAL EROSION CONTROL REQUIRED DURING CONSTRUCTION OPERATIONS IS INCIDENTAL TO OTHER BID ITEMS.
 - DITCH CHECKS IN THE CLEAR ZONE SHALL BE REMOVED AFTER THE VEGETATION HAS SUFFICIENTLY MATURED TO PROTECT THE DITCH OR SWALE, OR THE CONCRETE DITCH LINER HAS BEEN CONSTRUCTED.



- GENERAL NOTES:**
- USE MINIMUM 12 IN. DIAMETER LOG/SOCK.
 - USE 2 FT. WOODEN STAKES WITH A 2 IN. BY 2 IN. NOMINAL CROSS SECTION.
 - INSTALL LOG/SOCK TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND LOG/SOCK AND SCOUR DITCH SLOPES OR AS DIRECTED BY ENGINEER.
 - INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 4 DOWNSLOPE STAKES AT AN ANGLE TO WEDGE LOG/SOCK TO BOTTOM OF DITCH.
 - EROSION CONTROL BLANKET SHALL BE ANCHORED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.
 - OTHER PROPRIETARY DITCH CHECKS MAY BE SUBSTITUTED IN ACCORDANCE WITH SEC 806 OR AS DIRECTED BY THE ENGINEER.
 - INSTALLATION OF PROPRIETARY DITCH CHECKS SHALL BE ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.



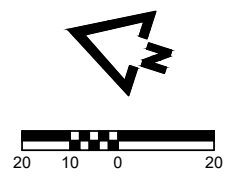
AARON DANIEL MCVICKER
PE-2010019574

McCLURE™
107 Butler St.
Macon, Missouri 63552
P 660-385-6441
F 660-385-6614

Ankeny, IA | Carroll, IA | Clive, IA
Cedar Rapids, IA | Fort Dodge, IA
North Liberty, IA | Sioux City, IA
Macon, MO | Columbia, MO
North Kansas City, MO
Lenexa, KS

NOTICE:
McClure Engineering Co. is not responsible or liable for any issues, claims, damages, or losses (collectively, "Losses") which arise from failure to follow these Plans, Specifications, and the engineering intent they convey, or for Losses which arise from failure to obtain and/or follow the engineers' or surveyors' guidance with respect to any alleged errors, omissions, inconsistencies, ambiguities, or conflicts contained within the Plans and Specifications.

MISSOURI CERTIFICATE OF AUTHORITY NO. E-2006023253
EXPIRES: DECEMBER 31, 2025



REVISIONS

1 4/17/2026 ADDENDUM 1

PROJECT INFO
2022001012

ENGINEER: CWM DRAWN BY: JJB CHECKED BY: ADM

EXAMPLE DITCH CHECK SPACING FOR STANDARD HEIGHTS (FT.)

DITCH CL SLOPE %	SPACING FOR 9" EFFECTIVE HEIGHT	SPACING FOR 18" EFFECTIVE HEIGHT
3.0	25	50
3.5	21	43
4.0	19	38
4.5	16	33
5.0	15	30
5.5	13	27
6.0	12	25
6.5	11	23
7.0	10	21
7.5	10	20
8.0	9	19

CITY OF BEVIER, MO
BRO-R120(1) LINN STREET
BRIDGE NO. 0360011

EROSION CONTROL PLAN

DRAWING NO.
6 OF 17

①
**CURTIS LANGWELL
 AND LORI LANGWELL
 HUSBAND AND WIFE**
 0.47 ACRES

NW 1/4 AND NE 1/4 OF SECT-15-T57N-R15W
 PARCEL NO. 020218-051501029-000200

④
CITY OF BEVIER
 3.86 ACRES

NE 1/4 OF SECT-15-T57N-R15W
 PARCEL NO. 020218-0515-02012-000100

CONTRACT NOTE:
 1. MEET WITH ALL SURROUNDING LANDOWNERS PRIOR TO START OF CONSTRUCTION TO DEFINE LIMITS OF TEMPORARY CONSTRUCTION EASEMENT. DO NOT DISTURB VEGETATION OUTSIDE OF PERMANENT EASEMENT LIMITS WITHOUT LANDOWNER CONSENT.
 2. REMOVE ALL EXISTING FENCE BACK TO EDGE OF ROCK BLANKET. ROCK BLANKET TO ACT AS FUTURE CATTLE STOP.

REINFORCED CONCRETE BOX CULVERT (RCB):
 -14'x11' DOUBLE (DBL) CELL
 -20° RA SKEW
 -34.58' BARREL LENGTH
 -87.00' TOTAL LENGTH

⑤
**OHMES PROPERTIES
 NORTH NORTHWEST LLC**
 3.22 ACRES

NW 1/4 OF SECT-15-T57N-R15W
 PARCEL NO. 021818-0515-03001-000101

②
JANICE POWELL
 1.35 ACRES

SE 1/4 OF SECT-15-T57N-R15W
 PARCEL NO. 021118-0515-04005-000200

③
**ANTHONY A. JOHNSON
 AND LAURA K. JOHNSON,
 HUSBAND AND WIFE**
 6.54 ACRES

SW 1/4 OF SECT-15-T57N-R15W
 PARCEL NO. 021818-0515-03001-000102

CURVE TABLE: ALIGNMENTS

CURVE #	RADIUS	DELTA	LENGTH	CHORD DIRECTION	START POINT	END POINT
C1	60.00'	111°13'04"	116.47	S37°42'40"W	STA:9+71.53 N:1424925.20 E:1621894.75	STA:10+88.00 N:1424846.86 E:1621834.18
C2	165.00'	019°58'09"	57.50	S07°54'50"E	STA:11+12.65 N:1424823.41 E:1621841.75	STA:11+70.15 N:1424766.74 E:1621849.63

107 Butler St.
 Macon, Missouri 63552
 P 660-385-6441
 F 660-385-6614

Ankeny, IA | Carroll, IA | Clive, IA
 Cedar Rapids, IA | Fort Dodge, IA
 North Liberty, IA | Sioux City, IA
 Macon, MO | Columbia, MO
 North Kansas City, MO
 Lenexa, KS

NOTICE:
 McClure Engineering Co. is not responsible or liable for any issues, claims, damages, or losses (collectively, "Losses") which arise from failure to follow these Plans. Specifications, and the engineering intent they convey, or for Losses which arise from failure to obtain and/or follow the engineers' or surveyors' guidance with respect to any alleged errors, omissions, inconsistencies, ambiguities, or conflicts contained within the Plans and Specifications.

MISSOURI CERTIFICATE OF AUTHORITY NO. E-2006023253
 EXPIRES: DECEMBER 31, 2025

20 10 0 20

REVISIONS
 1 4/17/2026 ADDENDUM 1

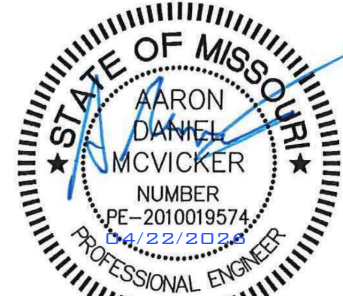
PROJECT INFO
 2022001012

ENGINEER CWM DRAWN BY JUB CHECKED BY ADM

CITY OF BEVIER, MO
 BRO-R120(1) LINN STREET
 BRIDGE NO. 0360011

RIGHT OF WAY AND EASEMENT PLAN

C:\PROJECTS\2022\01012\06-DRAWINGS\CIVIL\202201012-C-ROW-00_SRW.DWG



AARON DANIEL MCVICKER
 PE-2010019574

DRAWING NO.
7 OF 17

PARCEL	PROPERTY OWNERS	PRESENT ACREAGE		TEMPORARY EASEMENT		PERMANENT EASEMENT		REMAINING ACREAGE		ACRES TOTAL
		ACRES TOTAL	ACRES LEFT OF ROAD	ACRES RIGHT OF ROAD	ACRES LEFT OF ROAD	ACRES RIGHT OF ROAD	ACRES LEFT OF ROAD	ACRES RIGHT OF ROAD	ACRES LEFT OF ROAD	
①	CURTIS LANGWELL AND LORI LANGWELL, HUSBAND AND WIFE	0.47	0.00	0.47	0.00	0.06	0.00	0.00	0.47	0.47
②	JANICE POWELL	1.35	1.35	0.00	0.11	0.00	0.06	1.35	0.00	1.35
③	ANTHONY A. JOHNSON AND LAURA K. JOHNSON, HUSBAND AND WIFE	6.54	0.00	6.54	0.00	0.14	0.00	0.20	0.00	6.54
④	CITY OF BEVIER	3.86	0.08	3.78	0.08	0.00	0.00	0.08	3.78	3.86
⑤	OHMES PROPERTIES NORTH NORTHWEST LLC	3.22	0.00	0.00	0.00	0.00	0.00	0.00	3.22	3.22

SUMMARY OF QUANTITIES				
LINE	MoDOT SPEC. NO.	ITEM DESCRIPTION	UNIT	QUANTITY
ROADWAY ITEMS				
1	201	Clearing & Grubbing (Approx 0.34 Acres)	L.S.	1
2	202.30	Removal of Existing Improvements	L.S.	1
3	203	Embankment in Place	C.Y.	184
4	206	Excavation for Structure	C.Y.	464
5	304	Aggregate Base Course (4" Layer of MoDOT Type 1)	S.Y.	1,064
6	304	Aggregate Base Course (4" Layer of 1" Clean)	S.Y.	175
7	304	Aggregate Surface Course (4" Layer MoDOT Type 1)	S.Y.	175
8	304	Aggregate Shoulder (8" Layer MoDOT Type 1)	S.Y.	61
9	502	8" PCC Pavement	S.Y.	1,064
10	401	Plant Mix Bituminous Pavement (2" Layer BP-1)	S.Y.	0
11	604.20	Adjusting Drainage Facilities (Manhole Riser Ring)	EACH	1
12	606.10	Type A Guardrail	L.F.	176
13	606.10	Type A End Section	EACH	4
14	611.30	Type 2 Rock Blanket	S.Y.	447
15	618	Mobilization	L.S.	1
16	624	Geotextile Fabric	S.Y.	673
17	627	Contractor Surveying & Staking	L.S.	1
18	703	14'x11' Double Cell RCB (MoDOT)	L.F.	87
19	725	24" Aluminized Corrugated Metal Pipe	L.F.	40
20	731	36" HDPE Drop Inlet	LF	4
21	732	24" Flared End Section	EACH	1
22	805	Seeding (includes Fertilizing & Mulching)	ACRE	0.30
23	806.30	Ditch Check	EACH	1
24	806.70	Silt Fence	L.F.	165
SIGNING ITEMS				
25	616	Type III Moveable Barricades	EACH	6
26	616	Construction Signs	EACH	7

ALL REINFORCING STEEL TOTALS ARE ROUNDED TO THE NEAREST 100 LBS.

ESTIMATED QUANTITIES FOR 14'x11' DOUBLE CELL RCB (MoDOT)		
ITEM DESCRIPTION	UNITS	TOTAL
CLASS B-2 CONCRETE	CUBIC YARDS	232.4
REINFORCING STEEL	LBS.	35,200

THE TABLE OF ESTIMATED QUANTITIES FOR 14'x11' DOUBLE CELL RCB REPRESENTS THE QUANTITIES USED BY THE CITY IN PREPARING THE COST ESTIMATE FOR REINFORCED CONCRETE BOX CULVERT. THE LENGTH OF THE 14'x11' DOUBLE CELL RCB WILL BE MEASURED TO THE NEAREST TENTH OF A FOOT WITH THE HORIZONTAL DIMENSIONS AS SHOWN ON THE PLAN OF THE 14'x11' DOUBLE CELL RCB. PAYMENT FOR GRADE PREPARATION, BASE ROCK, BACKFILL, CONCRETE INLET, OUTLET, SLABS, WALLS, CONVENTIONAL FORMS, REINFORCING STEEL AND ALL OTHER INCIDENTAL WORK AND MATERIAL TO CONSTRUCT RCB CULVERT WILL BE CONSIDERED COMPLETELY COVERED BY THE CONTRACT UNIT PRICE FOR THE 14'x11' DOUBLE CELL RCB. PRECAST BOX CULVERT WILL NOT BE ALLOWED AS AN ALTERNATIVE.

GENERAL NOTES:

DESIGN SPECIFICATION:

2014-AASHTO 7TH EDITION
LOAD AND RESISTANCE FACTOR DESIGN
SEISMIC SITE CLASSIFICATION: CLASS E

2001-AASHTO GUIDELINES FOR GEOMETRIC DESIGN OF VERY LOW VOLUME LOCAL ROADS (ADT ≤ 400)

FOR MATERIALS AND CONSTRUCTION PROCEDURES THE CONTRACTOR SHALL FOLLOW THE SPECIFICATIONS AS STATED IN "MISSOURI STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION", 2025, AS AMENDED OR SUPPLEMENTED. IN ADDITION, REFER TO THE GENERAL AND JOB SPECIAL PROVISIONS WHICH SUPERSEDE THE "STANDARD SPECIFICATIONS" FOR VARIOUS ITEMS ON THIS PROJECT.

DESIGN LOADING:

HL-93
SOIL WT 120 LBS/ CU. FT.
EQUIVALENT FLUID PRESSURE 45 LBS/ CU. FT.

DESIGN UNIT STRESSES:

CLASS B-2 CONCRETE $f_c = 4,000$ PSI
REINFORCING STEEL (GRADE 60) $F_y = 60,000$ PSI

REINFORCING STEEL:

MINIMUM CLEARANCE TO REINFORCING STEEL SHALL BE 1 1/2", UNLESS OTHERWISE SHOWN.

JOINT FILLER:

ALL JOINT FILLER SHALL MEET THE REQUIREMENTS OF MoDOT STD. SPEC. 1057.7.4 EXCEPT AS NOTED.

GEOTECHNICAL INVESTIGATION:

REFER TO GEOTECHNICAL REPORT FOR INFORMATION.

NOTE:

QUANTITIES SHOWN ON THESE PLANS ARE NOT GUARANTEED BY THE CITY ADMINISTRATION AND ARE USED SOLELY FOR THE PURPOSE OF COMPARING BIDS AND AWARDING THE CONTRACT, AND MAY OR MAY NOT REPRESENT THE ACTUAL QUANTITIES ON THE JOB, SEE SPECIFICATIONS.


IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO SUBMIT FORM 106, TO MISSOURI DEPARTMENT OF NATURAL RESOURCES, HISTORIC PRESERVATION PROGRAM FOR ANY BORROW AREAS TO BE USED ON THIS PROJECT.

ANY ITEMS NOT SHOWN IN BID TAB, SHALL BE CONSIDERED SUBSIDIARY TO OTHER ITEMS.

ALL CONCRETE WALLS AND SLABS ARE INCLUDED IN 14'x11' DOUBLE CELL RCB (MoDOT) BID ITEM LENGTH. NO ADDITIONAL PAYMENT WILL BE MADE FOR THESE ITEMS AND SHALL BE CONSIDERED INCIDENTAL TO BID ITEM.

ABBREVIATIONS:

BRG = BEARING
BTM = BOTTOM
CL = CENTERLINE
CLR = CLEAR
CONST = CONSTRUCTION
DIA = DIAMETER
DIAPH = DIAPHRAGM
EB = END BENT
EF = EACH FACE
EL = ELEVATION
ELEV = ELEVATION
EQ = EQUAL
FF = FILL FACE
INT = INTERMEDIATE
MAX = MAXIMUM
MIN = MINIMUM
NF = NEAR FACE
PG = PROFILE GRADE
R = RADIUS
RCB = REINFORCED CONCRETE BOX
SPA = SPACES
SYMM = SYMMETRICAL
TYP = TYPICAL



107 Butler St.
Macon, Missouri 63552
P 660-385-6441
F 660-385-6614

Ankeny, IA | Carroll, IA | Clive, IA
Cedar Rapids, IA | Fort Dodge, IA
North Liberty, IA | Sioux City, IA
Macon, MO | Columbia, MO
North Kansas City, MO
Lenexa, KS

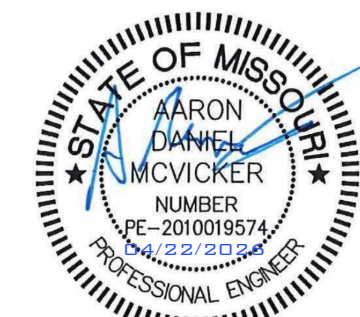
NOTICE:
McClure Engineering Co. is not responsible or liable for any issues, claims, damages, or losses (collectively, "Losses") which arise from failure to follow these Plans, Specifications, and the engineering intent they convey, or for Losses which arise from failure to obtain and/or follow the engineers' or surveyors' guidance with respect to any alleged errors, omissions, inconsistencies, ambiguities, or conflicts contained within the Plans and Specifications.

MISSOURI CERTIFICATE OF AUTHORITY NO. E-2006023253
EXPIRES: DECEMBER 31, 2025

REVISIONS
1 4/17/2026 ADDENDUM 1

PROJECT INFO
2022001012

ENGINEER CWM DRAWN BY JJB CHECKED BY ADM



AARON DANIEL MCVICKER
PE-2010019574

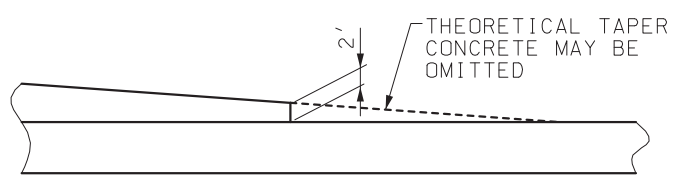
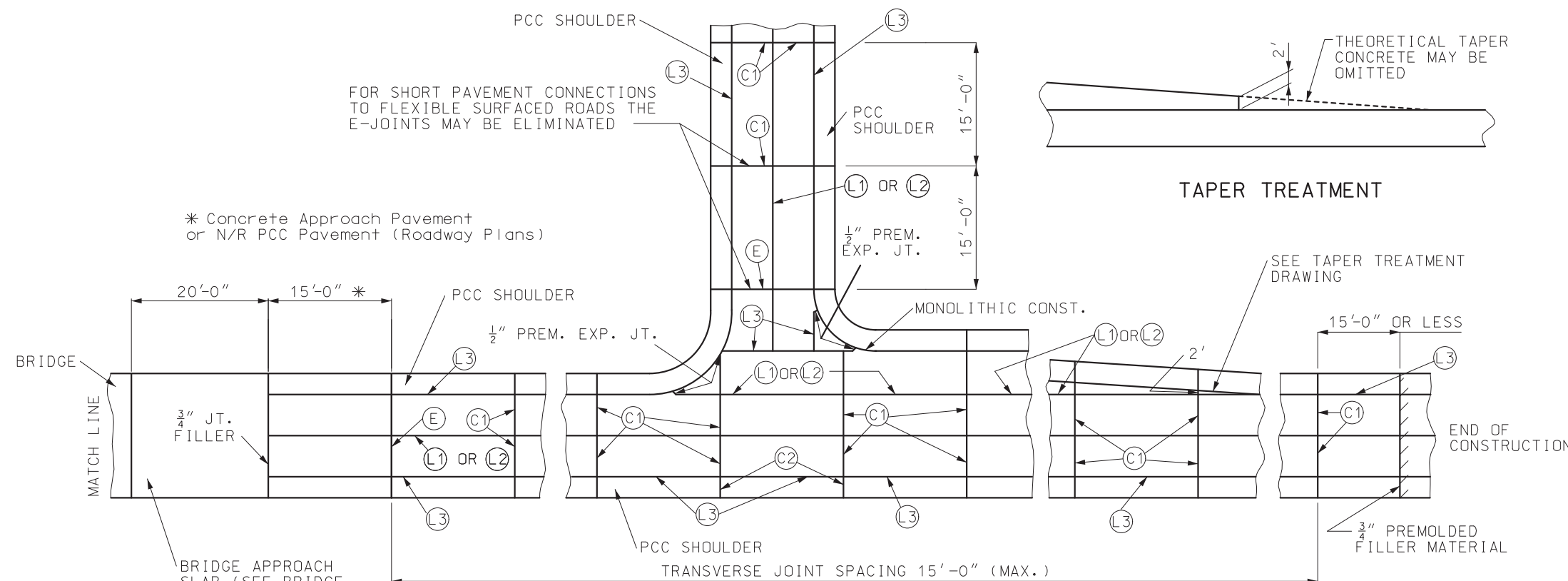
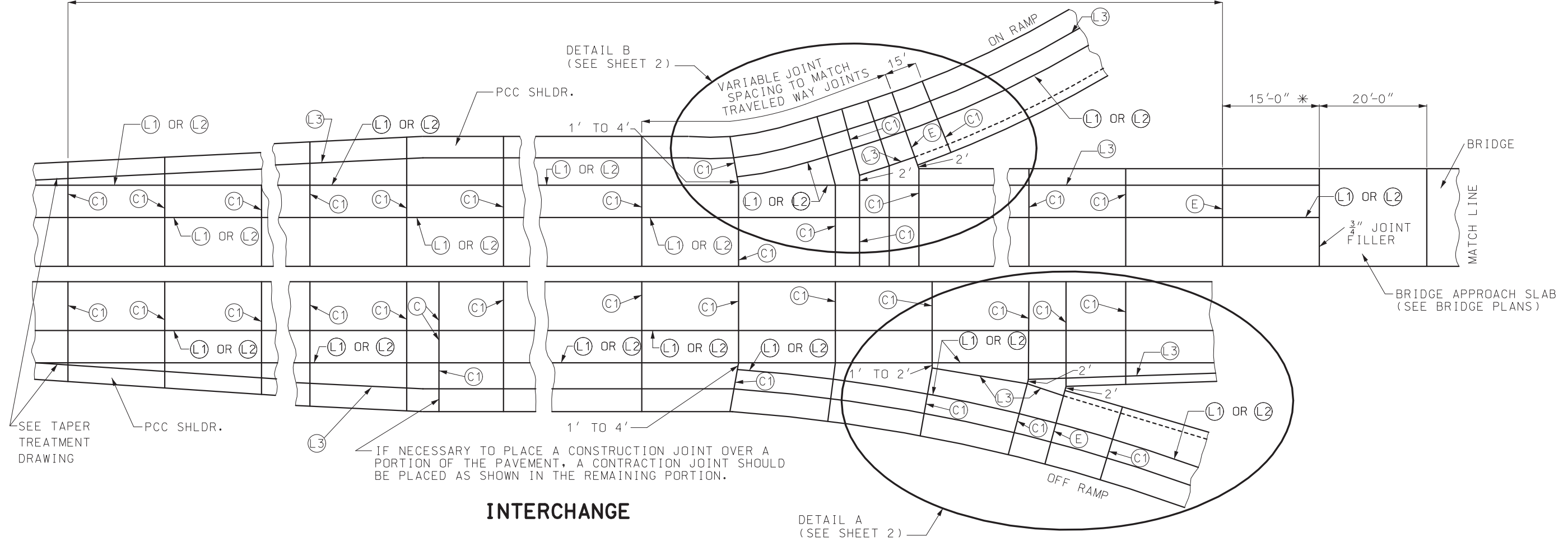
CITY OF BEVIER, MO
BRO-R120(1) LINN STREET
BRIDGE NO. 0360011

GENERAL NOTES AND QUANTITIES

C:\PROJECTS\2022001012\06-DRAWINGS\CIVIL\2022001012-C-GNO-00.DWG

DRAWING NO.
8 OF 17

TRANSVERSE JOINT SPACING 15'-0" (MAX.)



GENERAL NOTES:

ALL TRANSVERSE JOINTS ON SHOULDERS SHALL BE (C2).

THE CONTRACTOR SHALL DETERMINE THE PAVING WIDTH.

THE INTERCHANGE WILL EXTEND FROM THE BEGINNING OF THE ACCELERATION/DECELERATION LANE TO THE GORE RETURN TAPER ON THE MAINLINE. THE INTERCHANGE WILL ALSO INCLUDE THE RAMPS UP TO THE BEGINNING OF THE RADIUS WITH THE ROAD INTERSECTING THE RAMP.

FOR JOINT DETAILS, SEE SHEETS NO. 3 & 4.

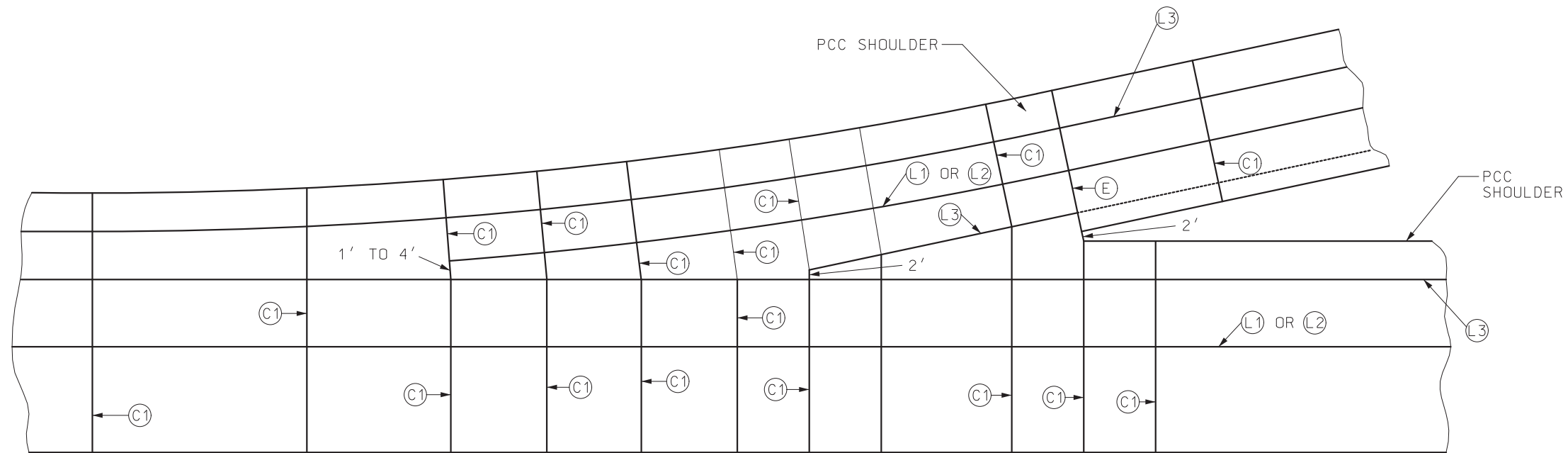
THE JOINT LAYOUT OF RAMPS IS TYPICAL FOR OUTER RAMPS OF CLOVERLEAF AND DIAMOND INTERCHANGES. SEE OTHER DRAWINGS FOR SPECIAL JOINT LAYOUTS.

JOINT SPACING SHOWN IS MAXIMUM AND IS TO BE REDUCED TO AVOID CONFLICT WITH ABUTTING STRUCTURES. JOINTS IN MULTI-LANE PAVEMENT ARE TO BE CONTINUOUS.

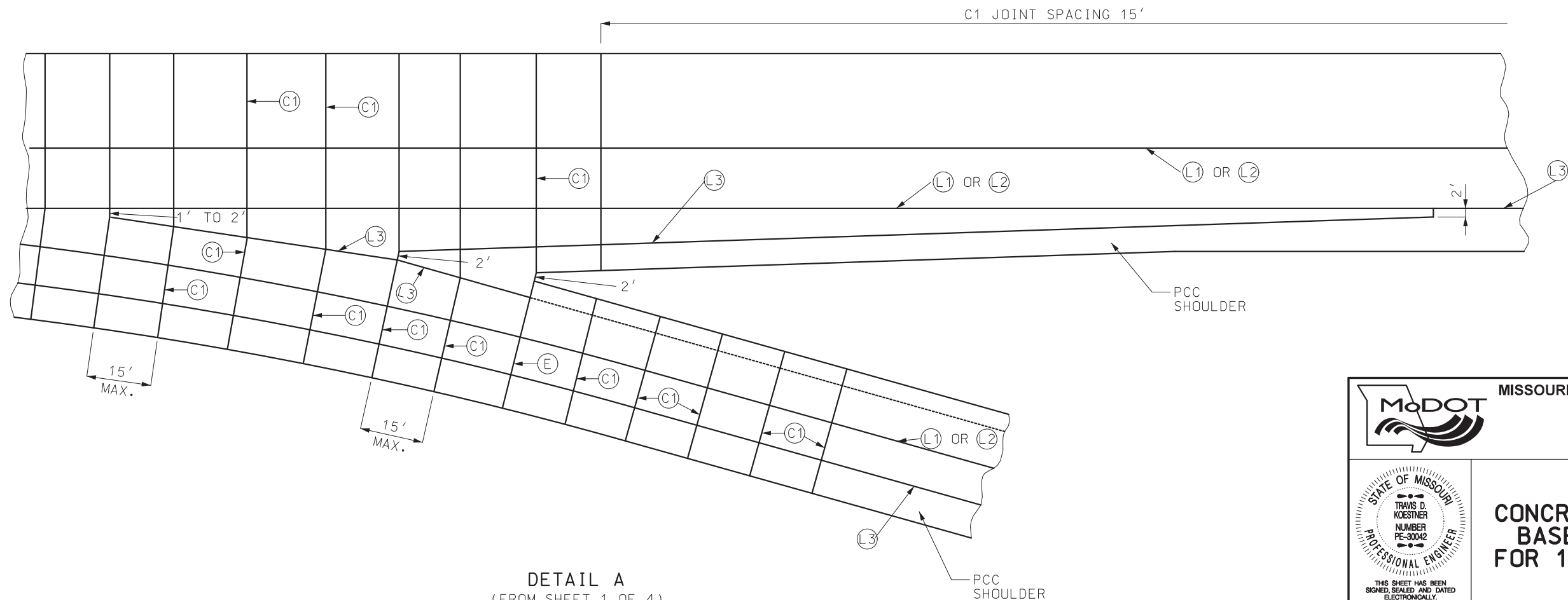
<p>MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION</p> <p>105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)</p>	
<p>STATE OF MISSOURI TRAVIS D. KOESTNER NUMBER PE-30042 PROFESSIONAL ENGINEER</p> <p>THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.</p>	<p>CONCRETE PAVEMENT AND BASE APPURTENANCES FOR 15' JOINT SPACING</p>
<p>DATE EFFECTIVE: 4/1/2023</p> <p>DATE PREPARED: 1/6/2023</p>	<p>502.05S</p> <p>SHEET NO. 1 OF 4</p>

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


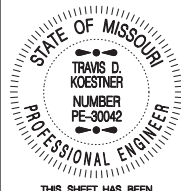
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

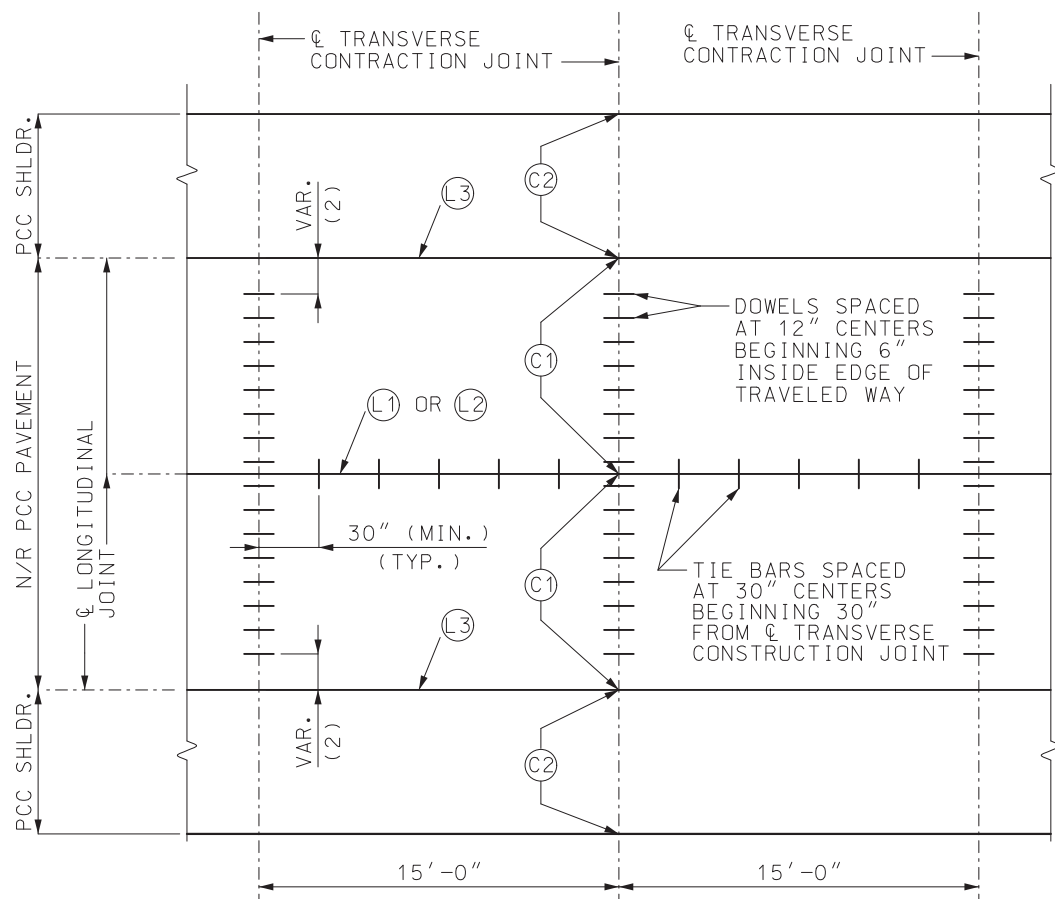


DETAIL B
(FROM SHEET 1 OF 4)



DETAIL A
(FROM SHEET 1 OF 4)

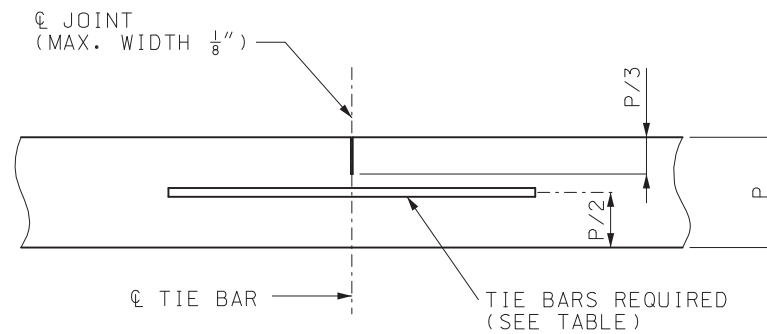
	MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION 105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)	
		CONCRETE PAVEMENT AND BASE APPURTENANCES FOR 15' JOINT SPACING
DATE EFFECTIVE: 4/1/2023 DATE PREPARED: 1/6/2023	502.05S	SHEET NO. 2 OF 4



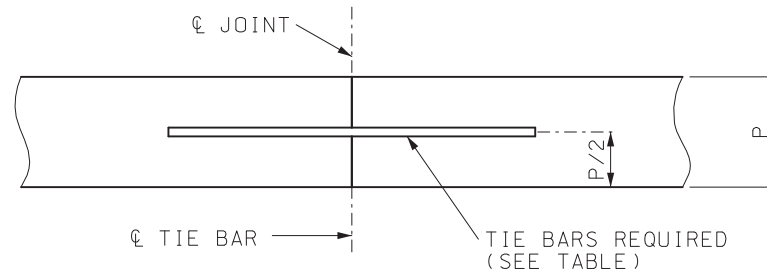
JOINT PLAN AND SPACING FOR CONTRACTION JOINTS (1)

- (1) LONGITUDINAL JOINT NOT REQUIRED FOR 4' OR NARROWER SHOULDER, PAVED MONOLITHICALLY WITH ADJACENT LANE AT THE SAME THICKNESS; FULL DEPTH SHOULDER WIDER THAN 4' SHALL REQUIRE (L1) OR (L2) JOINT INSTEAD OF (L3) JOINT.
- (2) DOWEL BARS BEGIN 6" INSIDE EDGE OF TRAVELED WAY.

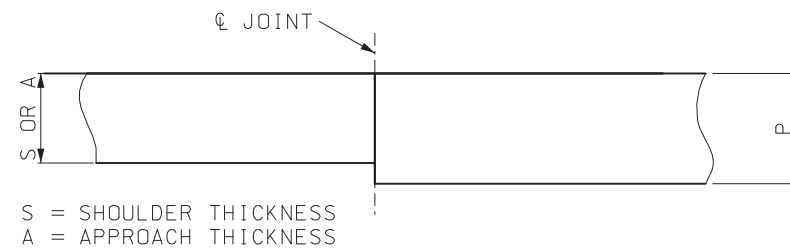
PCCP THICKNESS (P)	DOWEL		TIE BAR	
	SIZE	SPACING	SIZE	SPACING
LESS THAN 7"	NONE	NONE	#5X30"	30" CTRS.
7" TO 10"	1 1/4"X18"	12" CTRS.	#5X30"	30" CTRS.
GREATER THAN 10"	1 1/2"X18"	12" CTRS.	#6X40"	30" CTRS.



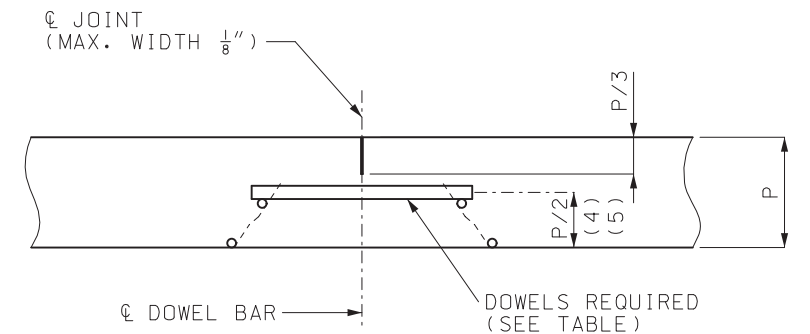
LONGITUDINAL JOINT (L1)



LONGITUDINAL CONSTRUCTION JOINT (L2)

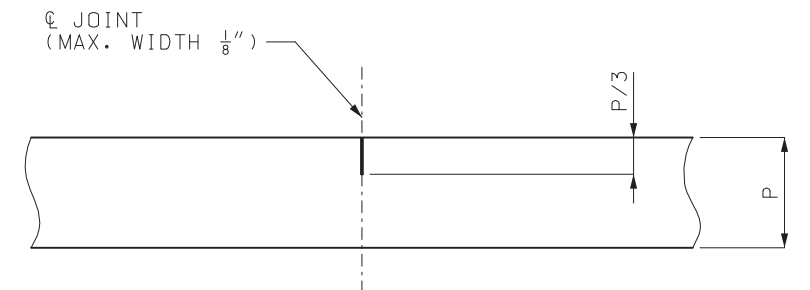


LONGITUDINAL CONSTRUCTION JOINT FOR SHOULDER AND APPROACHES (L3)



TRANSVERSE CONTRACTION JOINT (C1) (3)

- (3) DOWEL BARS ARE REQUIRED FOR ALL PAVEMENTS HAVING THE SAME THICKNESS AS THE TRAVELED WAY.
- (4) FOR PAVEMENTS HAVING THICKNESS IN 1/2" INCREMENTS, DOWEL BASKETS SHALL BE (P-1/2")/2.
- (5) DOWEL BARS MAY BE PLACED BY MECHANICAL MEANS AT THE OPTION OF THE CONTRACTOR.



TRANSVERSE CONTRACTION JOINT (C2)

GENERAL NOTES:

THE FINAL POSITION OF ALL DOWELS AND TIE BARS SHALL BE PERPENDICULAR TO THE PLANE OF THE JOINT AND PARALLEL TO THE SURFACE OF THE PAVEMENT AND PARALLEL TO EACH OTHER.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CONCRETE PAVEMENT AND BASE APPURTENANCES FOR 15' JOINT SPACING

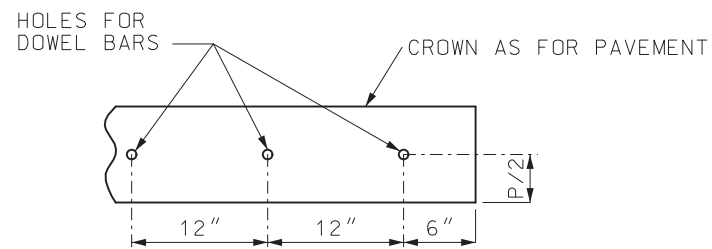
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

502.05S

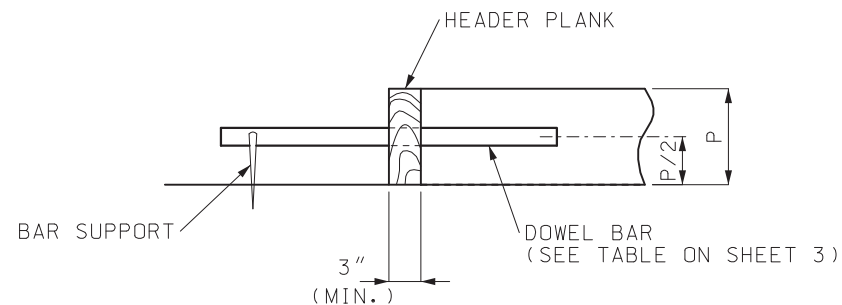
SHEET NO.
3 OF 4

DATE EFFECTIVE: 4/1/2023
DATE PREPARED: 1/6/2023

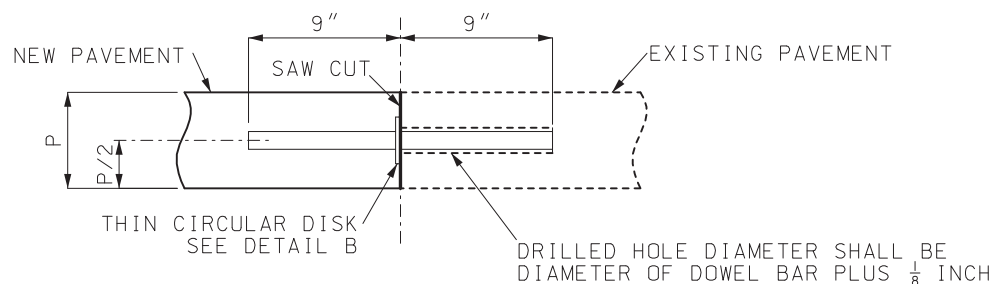
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



PART ELEVATION OF
HEADER PLANK



HEADER SECTION



SAWED SECTION

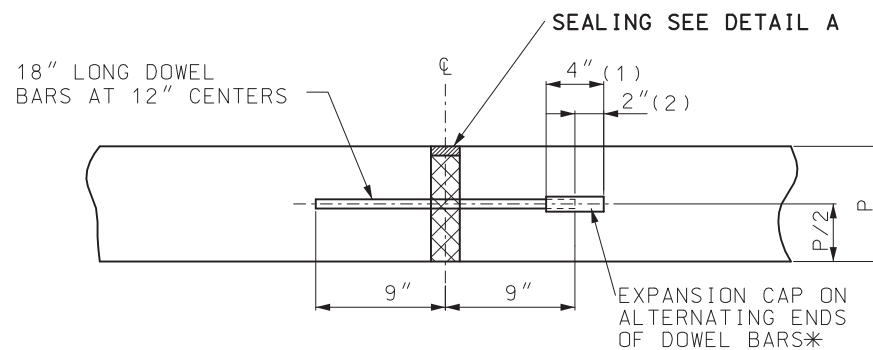
THE HEADER BOARD SHALL BE SUFFICIENTLY RIGID TO PREVENT DISTORTION FROM THE TYPICAL SECTION AND MAINTAIN A STRAIGHT LINE FROM PAVEMENT EDGE TO PAVEMENT EDGE.

THE CONSTRUCTION JOINT MAY BE SAWED FULL DEPTH. HOLES FOR DOWEL BARS SHALL BE DRILLED AFTER THE CONCRETE HAS SUFFICIENT SET TO PREVENT DAMAGE. DOWEL BARS SHALL BE BONDED INTO THE HOLES.

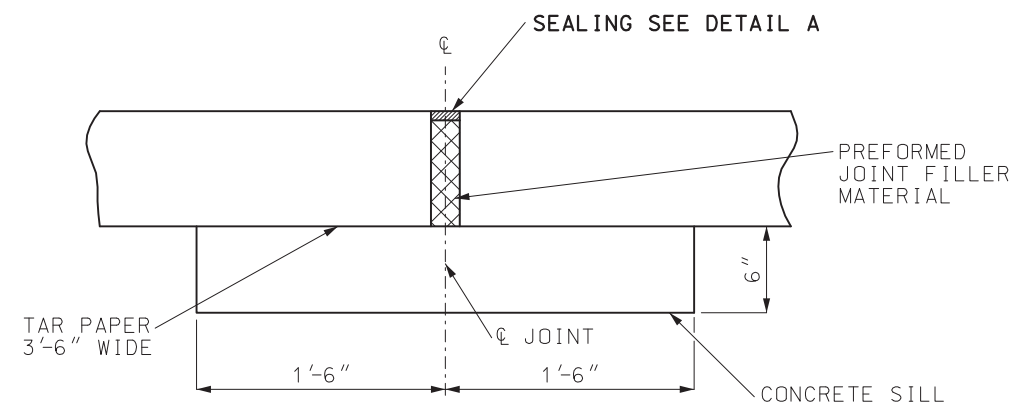
BONDING FOR DOWEL BARS SHALL BE EPOXY OR POLYESTER BONDING AGENTS AS SPECIFIED IN SECTION 1039.

THE PORTION OF THE DOWEL OUTSIDE THE HOLE SHALL BE COATED WITH AN APPROVED LUBRICANT.

CONSTRUCTION JOINT (C)

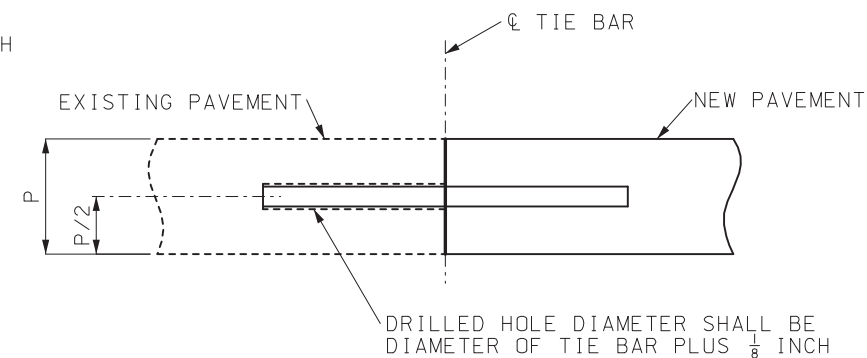


EXPANSION JOINT (E)



SILL SHALL EXTEND 18" BEYOND EACH EDGE OF THE PAVEMENT AND SHALL BE CONSTRUCTED OF CONCRETE REGARDLESS OF ADJACENT BASE MATERIAL.

ALTERNATE EXPANSION JOINT (E)
(CONTRACTOR MAY SELECT EITHER EXPANSION JOINT (E))



TIE BARS SHALL BE EPOXY COATED, DEFORMED REINFORCING BARS MEETING THE REQUIREMENTS OF SECTIONS 710 AND 1057.

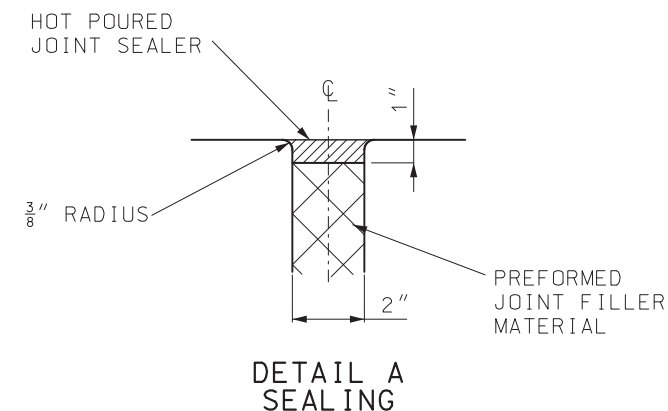
BONDING FOR TIE BARS SHALL BE EPOXY OR POLYESTER BONDING AGENTS AS SPECIFIED IN SECTION 1039.

TIE BAR SIZE AND LENGTH SHALL BE BASED ON THE THICKNESS OF THE THINNER PAVEMENT OR SHOULDER TO BE TIED TOGETHER.

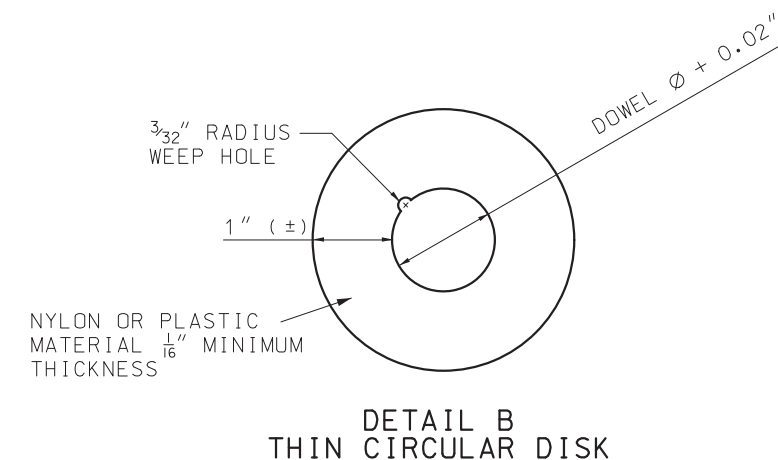
LONGITUDINAL CONSTRUCTION JOINT (L)
(EXISTING PAVEMENT)

- (1) LENGTH OF CAP
- (2) GAP BETWEEN END OF CAP AND DOWEL.

* FOR EXPANSION JOINTS FORMED USING A CONSTRUCTION HEADER, THE EXPANSION CAPS SHALL BE INSTALLED ON THE EXPOSED END OF EACH BAR ONCE THE HEADER HAS BEEN REMOVED AND THE JOINT FILLER MATERIAL HAS BEEN INSTALLED.



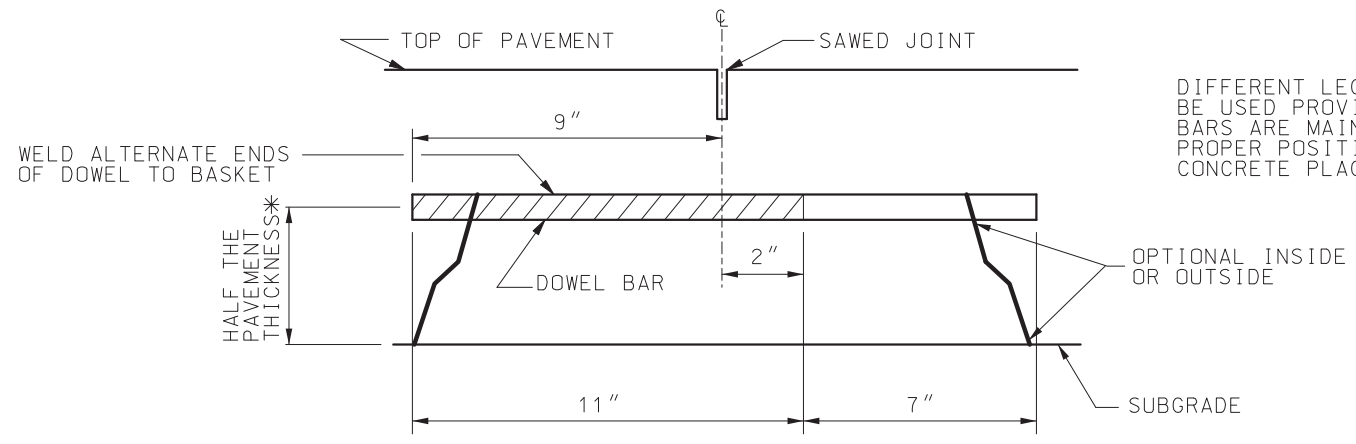
DETAIL A
SEALING



DETAIL B
THIN CIRCULAR DISK

	MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION 105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)	
		CONCRETE PAVEMENT AND BASE APPURTENANCES FOR 15' JOINT SPACING
DATE EFFECTIVE: 4/1/2023 DATE PREPARED: 1/6/2023	502.05S	SHEET NO. 4 OF 4

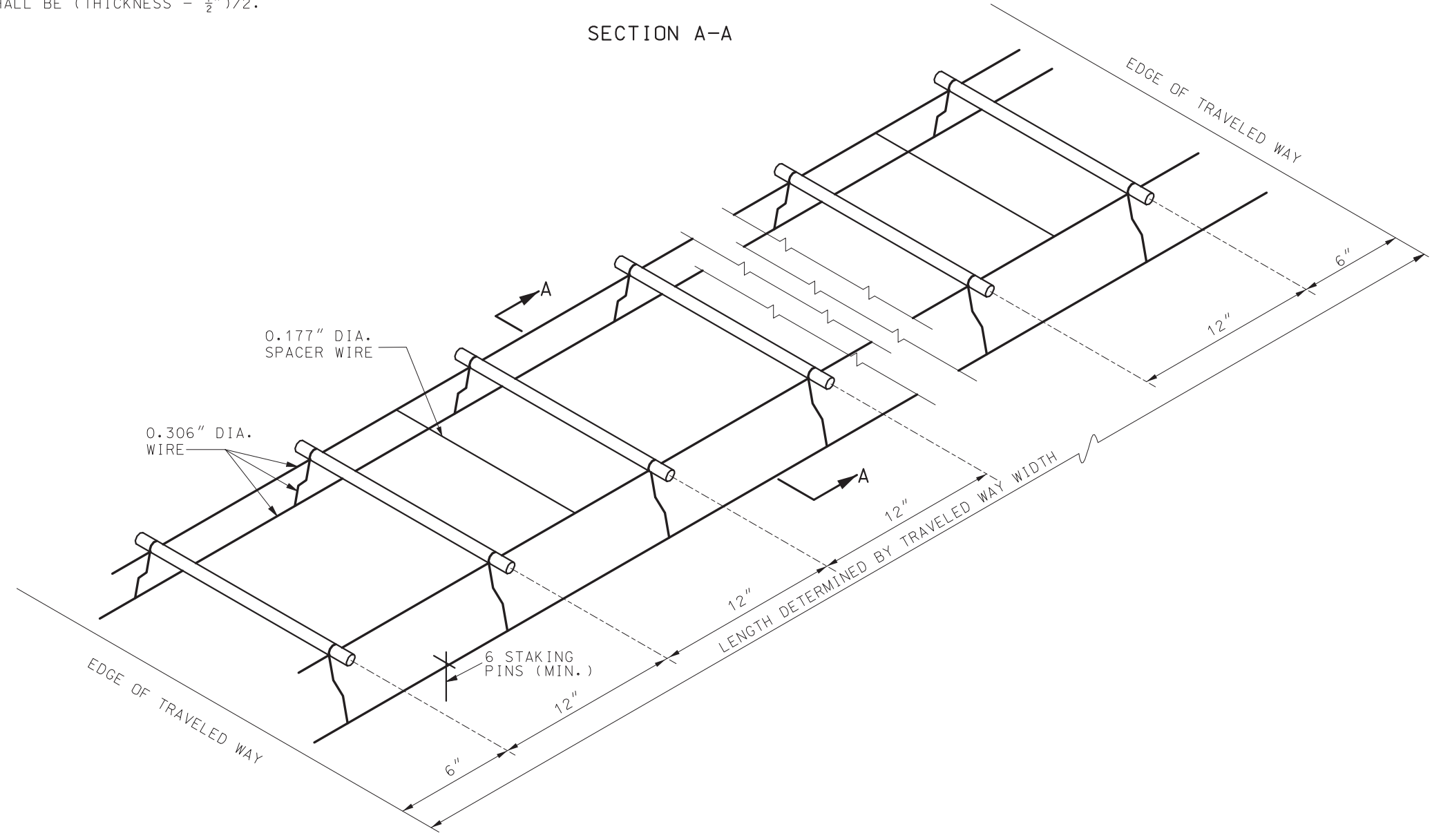
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



DIFFERENT LEG SHAPES MAY BE USED PROVIDED THE DOWEL BARS ARE MAINTAINED AT THE PROPER POSITION DURING CONCRETE PLACEMENT

* FOR PAVEMENT HAVING THICKNESS IN 1/2" INCREMENT, DOWEL BASKET SHALL BE (THICKNESS - 1/2")/2.

SECTION A-A



DOWEL BARS		
PAVEMENT THICKNESS	BAR SIZE	
	DIAMETER	LENGTH
LESS THAN 7"	NONE	NONE
7" TO 10"	1 1/4"	18"
GREATER THAN 10"	1 1/2"	18"

GENERAL NOTES:

THE DOWEL SUPPORTING UNITS SHALL BE FACTORY ASSEMBLED AND CAPABLE OF HOLDING THE DOWELS IN THEIR REQUIRED POSITIONS. IN THE COMPLETED JOINT INSTALLATION, DOWELS SHALL BE POSITIONED WITHIN 1/2" OF THE VERTICAL AND HORIZONTAL PLANE AND IN THE LONGITUDINAL DIRECTION. THE SKEW TOLERANCE SHALL BE 1/4".

THE FREE END OF EACH EPOXY COATED DOWEL SHALL BE MARKED WITH A SPOT OF PAINT AT LEAST ONE INCH IN DIAMETER AND CONTRASTING IN COLOR WITH THE EPOXY COATING.

WIRE SIZES SHOWN ARE MINIMUM REQUIRED.

WIRES, BARS OR CLIPS SHALL BE USED AS NECESSARY TO STRENGTHEN THE ASSEMBLIES.

THE DIAMETER OF THE SPACER WIRE SHALL NOT EXCEED 0.200".

SPACER WIRE MAY BE CUT OR LEFT INTACT.

STAKING PINS SHALL BE FABRICATED FROM 0.306" DIAMETER WIRE MINIMUM WITH A SUITABLE HOOK. STAKING PINS SHALL HAVE A MINIMUM LENGTH OF 12" FOR DOWEL ASSEMBLIES UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

MINOR VARIATIONS IN THE CONFIGURATION OF THE SUPPORT UNITS WILL BE ALLOWED.

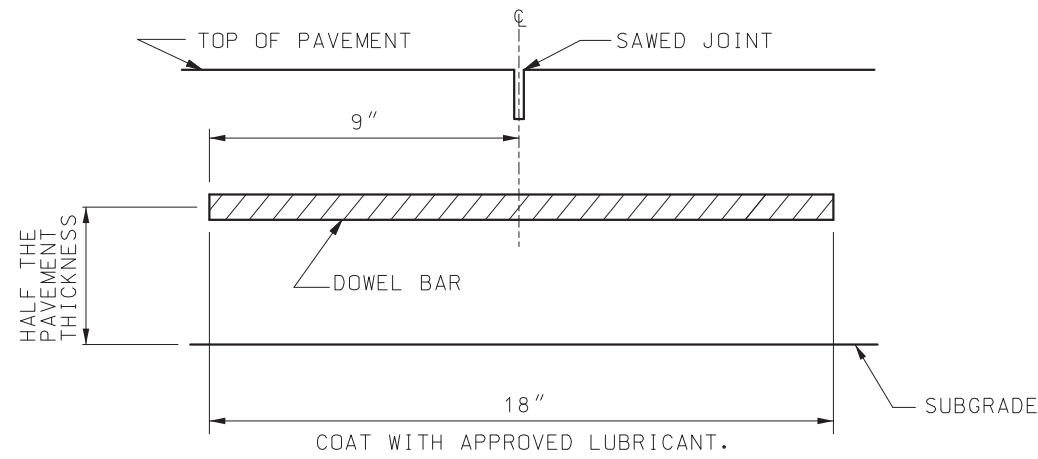
MoDOT MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6636)

STATE OF MISSOURI
 TRAVIS D. KOESTNER
 NUMBER PE-30042
 PROFESSIONAL ENGINEER
 THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

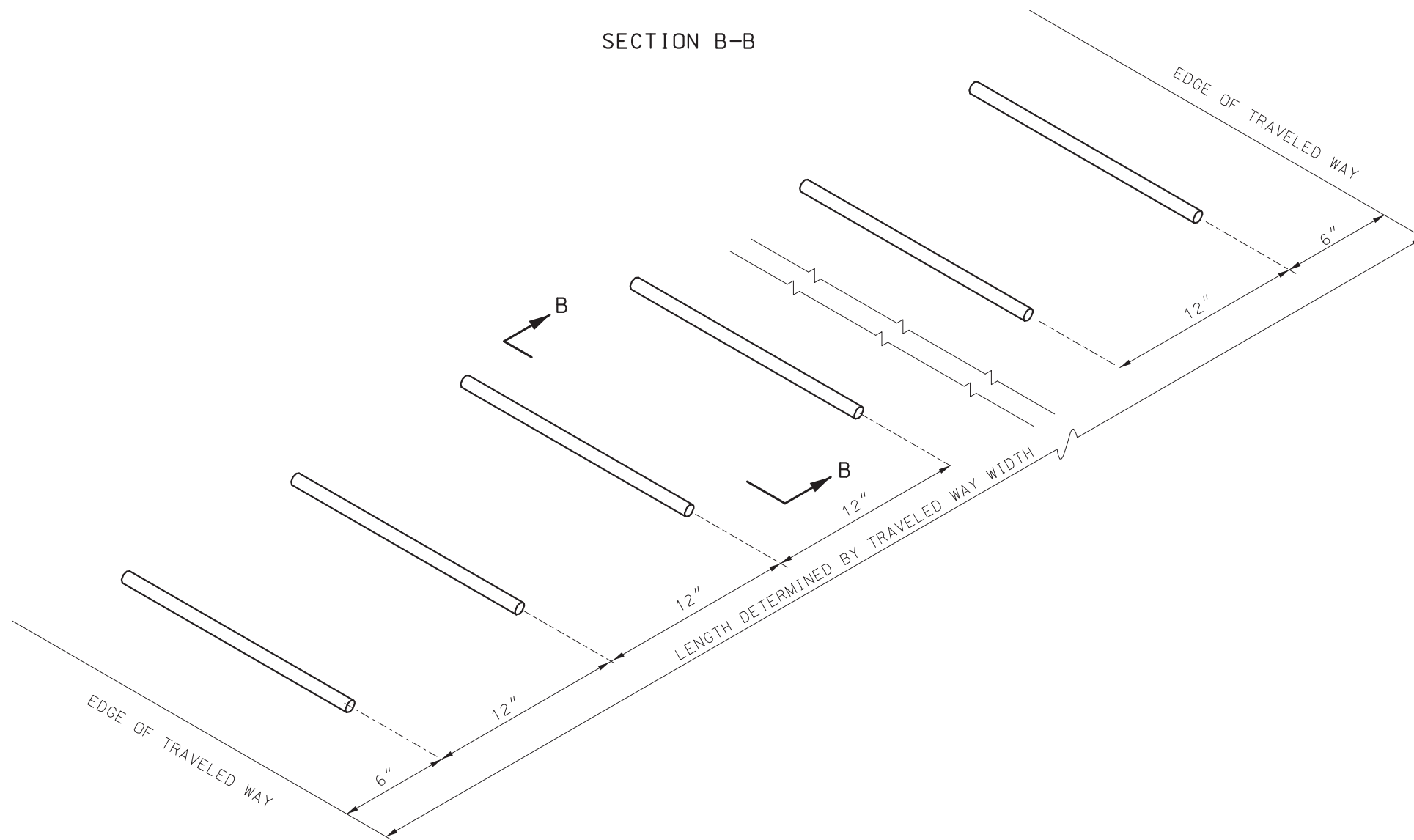
DOWEL SUPPORTING UNITS
 APPROVED FOR USE WITH TRANSVERSE JOINTS

DATE EFFECTIVE: 7/1/2023	502.10L	SHEET NO. 1 OF 2
DATE PREPARED: 4/5/2023		

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





SECTION B-B



GENERAL NOTES:

IN THE COMPLETED JOINT INSTALLATION, DOWELS SHALL BE POSITIONED WITHIN 1/2" OF THE VERTICAL AND HORIZONTAL PLANE AND IN THE LONGITUDINAL DIRECTION. THE SKEW TOLERANCE SHALL BE 1/4".

	MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION 105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)	
		DOWEL SUPPORTING UNITS MECHANICAL PLACEMENT
DATE EFFECTIVE: 4/1/2023 DATE PREPARED: 1/6/2023	502.10L	SHEET NO. 2 OF 2

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

**ITEMIZED PROPOSAL
WORK PERFORMED BY THE CONTRACTOR**

LINE	ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
ROADWAY ITEMS						
1	201	Clearing & Grubbing (Approx 0.34 Acres)	L.S.	1		
2	202.30	Removal of Existing Improvements	L.S.	1		
3	203	Embankment in Place	C.Y.	184		
4	206	Excavation for Structure	C.Y.	464		
5	304	Aggregate Base Course (4" Layer of MoDOT Type 1)	S.Y.	1,064		
6	304	Aggregate Base Course (4" Layer of 1" Clean)	S.Y.	175		
7	304	Aggregate Surface Course (4" Layer MoDOT Type 1)	S.Y.	175		
8	304	Aggregate Shoulder (8" Layer MoDOT Type 1)	S.Y.	61		
9	502	8" PCC Pavement	S.Y.	1,064		
10	401	Plant Mix Bituminous Pavement (2" Layer BP-1)	S.Y.	0		
11	604.20	Adjusting Drainage Facilities (Manhole Riser Ring)	EACH	1		
12	606.10	Type A Guardrail	L.F.	176		
13	606.10	Type A End Section	EACH	4		
14	611.30	Type 2 Rock Blanket	S.Y.	447		
15	618	Mobilization	L.S.	1		
16	624	Geotextile Fabric	S.Y.	673		
17	627	Contractor Surveying & Staking	L.S.	1		
18	703	14'x11' Double Cell RCB (MoDOT)	L.F.	87		
19	725	24" Aluminized Corrugated Metal Pipe	L.F.	40		
20	731	36" HDPE Drop Inlet	LF	4		
21	732	24" Flared End Section	EACH	1		
22	805	Seeding (includes Fertilizing & Mulching)	ACRE	0.3		
23	806.30	Ditch Check	EACH	1		

**ITEMIZED PROPOSAL
 WORK PERFORMED BY THE CONTRACTOR**

LINE	ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
24	806.70	Silt Fence	L.F.	165		
Roadway Subtotal						
SIGNING ITEMS						
25	616	Type III Moveable Barricades	EACH	6		
26	616	Construction Signs	EACH	7		
Signing Subtotal						
Total Contractor						

ACKNOWLEDGEMENT: Each Bidder shall acknowledge receipt of addenda by their signature affixed hereto and addendum noted at the right by number.

Addendum No.(s) _____

Contractor: _____

Phone: _____

Signature: _____

Date: _____

Name: _____

(please print)

Email: _____

(please print)

DIVISION 300

BASES AND AGGREGATE SURFACES

SECTION 304 – AGGREGATE BASE COURSE

Delete Section 304.2 in its entirety and substitute the following:

304.2 Material. In lieu of furnishing crushed stone meeting the requirements of the “Missouri Standard Specifications for Highway Construction”, the Contractor shall provide aggregate base course as shown on the plans.

Delete Section 304.6 in its entirety and substitute the following:

304.6 Basis of Payment. Payment for accepted quantities of aggregate base course will be paid for in the Per Sq. Yds. Item, “Aggregate Base Course (4" Layer of MoDOT Type 1)” and “Aggregate Base Course (4" Layer of 1" Clean)” .

Add the following as Section 304.6.1

304.6.1 Contract quantities shall be used for final payment of aggregate base course except if appreciable errors are found in the itemized proposal, an authorized change order is made, or unauthorized deviations decrease the original quantities.

SECTION 310 – AGGREGATE SURFACE

Amend Section 310.1 to include the following sentence:

Crushed stone surfacing shall be placed on the side entrances.

Delete Section 310.2 in its entirety and substitute the following:

310.2 Material. In lieu of furnishing crushed stone meeting the requirements of the “Missouri Standard Specifications for Highway Construction”, the Contractor may provide aggregate of a size and grade that is normally used by the City.

Delete Section 310.5 in its entirety.

Delete Section 310.6 in its entirety and substitute the following:

310.6 Basis of Payment. Payment for accepted quantities of aggregate surface will be paid for in the Per Sq. Yds. Item, “Aggregate Surface Course (4” Layer MoDOT Type 1)” and “Aggregate Shoulder (8” Layer MoDOT Type 1)”.

Add the following as Section 310.6.1

310.6.1 Contract quantities shall be used for final payment of crushed stone except if appreciable errors are found in the itemized proposal, an authorized change order is made, or unauthorized deviations decrease the original quantities.