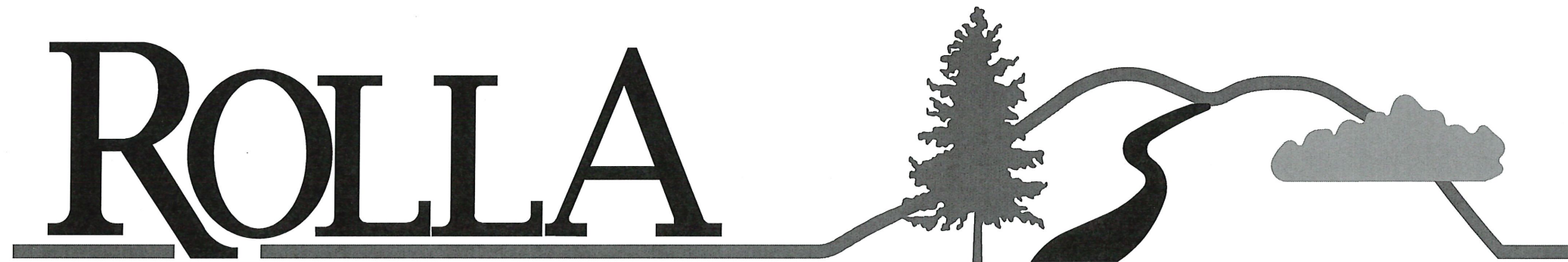


PROJECT 449 LITTLE OAKS ROAD IMPROVEMENTS

OCTOBER 2025



PREPARED BY:

CITY OF ROLLA PUBLIC WORKS DEPARTMENT



GENERAL NOTE:

ALL WORK SHALL BE DONE IN ADHERENCE TO THE CITY OF ROLLA STANDARDS AND SPECIFICATIONS.

CONTRACTOR SHALL PERFORM ALL WORK ASSOCIATED WITH THE PROJECT UNLESS OTHERWISE NOTED AS "BY OTHERS"
BY OTHERS SHALL INCLUDE THE CITY OF ROLLA AND ALL APPROPRIATE UTILITY COMPANIES.

ALL CONSTRUCTION STAKING SHALL BE COMPLETED BY CITY PROJECT COORDINATORS UNLESS OTHERWISE SPECIFIED. NOTIFICATION OF REQUEST FOR STAKING SHALL BE SUBMITTED IN WRITING TO CITY PROJECT COORDINATOR NO LESS THAN TWO WEEKS PRIOR TO DATE NEEDED. CONSTRUCTION STAKING SHALL INCLUDE (BUT NOT BE LIMITED TO) ALIGNMENT, GRADES, FLOWLINE ELEVATIONS FOR STORM SEWER STRUCTURES, AND UTILITY ADJUSTMENTS NECESSARY FOR COMPLETION OF PROJECT.

UTILITIES ARE SHOWN FOR REFERENCE ONLY. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO CONTACT ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION FOR A FIELD LOCATE TO VERIFY THE DEPTH AND POSITION OF THE RESPECTIVE UTILITY.

STREET LANE RESTRICTIONS AND/OR CLOSINGS SHALL BE COORDINATED WITH THE CITY OF ROLLA STREET DEPARTMENT.

ALL EXCAVATIONS MUST BE CLOSED AT THE END OF EACH DAY OR MUST BE FENCED TO PREVENT INJURY TO PERSONS AND/OR PROPERTY.

SEEDING AND MULCHING OF ALL DISTURBED AREAS SHALL BE BY OTHERS.

ALL TREE REMOVAL SHALL BE BY OTHERS. ALL CLEARING, GRUBBING AND DISPOSAL OF TREES, BRUSH, AND DEBRIS SHALL BE BY OTHERS.

RESTORATION OF EXISTING GRAVEL DRIVES AND DRIVEWAYS TO PRECONSTRUCTION CONDITION AND GRADE SHALL BE BY OTHERS.

ROAD SHALL BE OPEN TO LOCAL TRAFFIC AND CLOSED TO THROUGH TRAFFIC. DETOUR ROUTE SHALL BE DETERMINED IN COORDINATION WITH THE PUBLIC WORKS DEPARTMENT. CONTRACTOR SHALL BE RESPONSIBLE FOR PLACING AND MAINTAINING ALL SIGNAGE AND BARRICADES NECESSARY TO CARRY OUT DETOUR PLAN.

TRAFFIC CONTROL/SAFETY SHALL BE STRICTLY ENFORCED. DEMOBILIZATION AND REMOBILIZATION FEES WILL NOT BE REIMBURSED UNDER ANY CIRCUMSTANCES.

CONTRACTOR SHALL BE RESPONSIBLE FOR MONITORING AND MAINTAINING FINAL GRADE SURFACE UNTIL SUCH TIME AS CONCRETE CAN BE LAID.

CONTRACTOR SHALL BE RESPONSIBLE FOR BARRICADING ALL WATER VALVES AND MANHOLES TO PREVENT PERSONAL INJURY OR PROPERTY DAMAGE BY OTHERS.

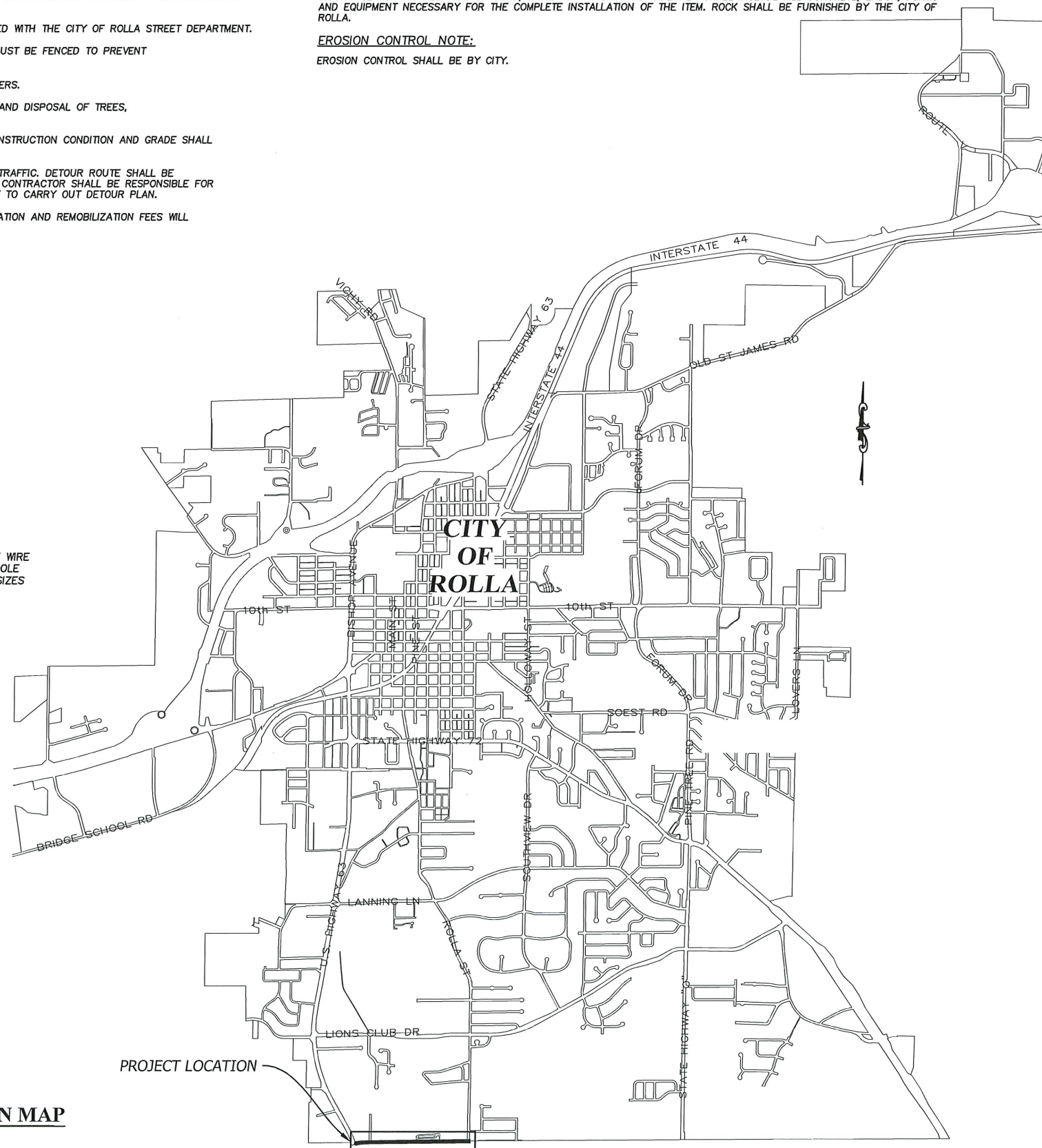
ALL WORK DONE ON STATE RIGHT OF WAY SHALL BE COORDINATED THROUGH MODOT. LANE CLOSURES SHALL FOLLOW MODOT SPECIFICATIONS FOR TRAFFIC CONTROL.

CONTRACTOR SHALL CONTACT PROPERTY OWNER PRIOR TO CONSTRUCTION OF NEW DRIVEWAYS TO AVOID CONFINING VEHICLES DURING CONSTRUCTION

UNIT PRICE FOR INSTALLATION OF CURB, DRIVEWAY APRONS AND SIDEWALK SHALL INCLUDE ALL CONCRETE, LABOR, FORMS AND EQUIPMENT NECESSARY FOR THE COMPLETE INSTALLATION OF THE ITEM. ROCK SHALL BE FURNISHED BY THE CITY OF ROLLA.

EROSION CONTROL NOTE:

EROSION CONTROL SHALL BE BY CITY.



INDEX

1	INDEX
2-7	PLANS & PROFILES
8-13	STORM PLANS & PROFILES
14-17	SANITARY PLANS & PROFILES
18-26	CROSS SECTIONS
27,28	STANDARD DETAILS



UTILITIES

DIGRITE - 1-800-DIG-RITE or 811

CITY OF ROLLA PUBLIC WORKS DEPARTMENT 573-364-8659

CITY OF ROLLA PUBLIC WORKS DEPARTMENT	573-584-8059
WATER/ELECTRIC -	
ROLLA MUNICIPAL UTILITIES	573-364-1572

NATURAL GAS -
AMEREN MISSOURI
EMERGENCY

TELEPHONE - CENTURYLINK 573-341-0405

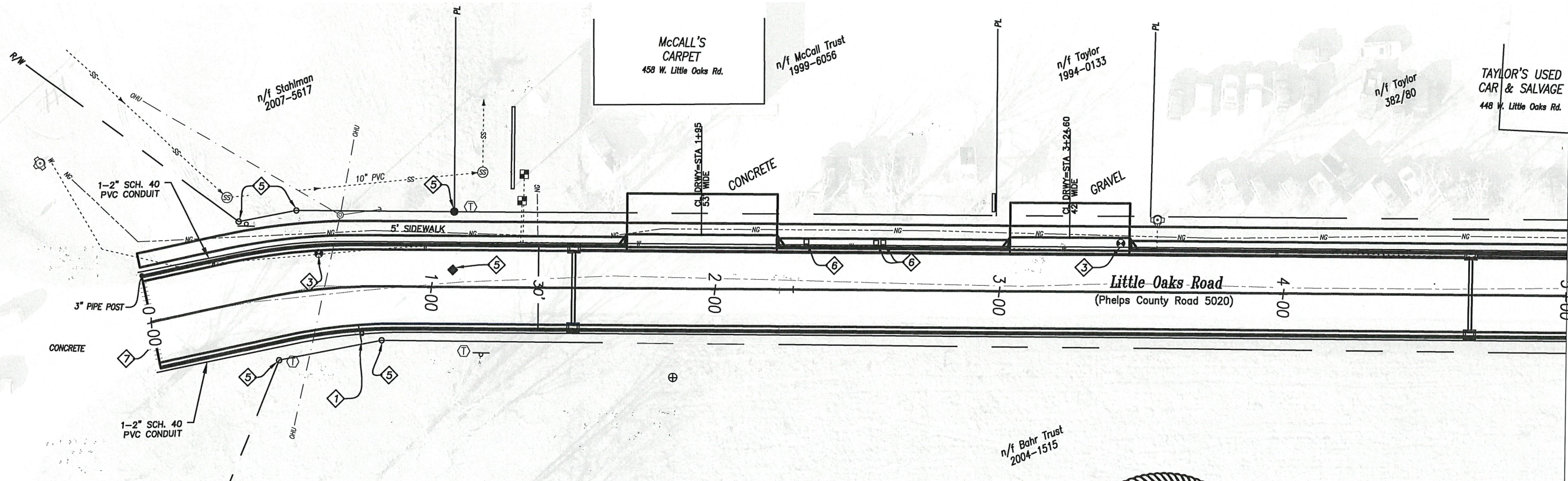
CABLE -
FIDELITY CABLEVISION INC. 573-426-6111

FIDELITY CABLEVISION INC.		573-420-6111
<u>MODOT</u>		
MISSOURI DEPARTMENT OF TRANSPORTATION		
PERMIT INSPECTOR - KIM HILBURN		573-265-0760
SIGNAL MAINTENANCE SHED - STEVE HELTON		573-364-2218
ASK MODOT		1-888-275-6636
CENTRAL DISTRICT - JEFFERSON CITY		573-751-3322

BURLINGTON NORTHERN SANTA FE RAILROAD
JOHN MANNING 918-352-8775
WHITNEY WESTON - ROADMASTER 360-600-0060

PROJ 449 - LITTLE OAKS ROAD IMPROVEMENTS City of Rolla Public Works Department Index Sheet				City of Rolla Department of Public Works 102 West 9th Street Phone: 573.364.8659		Designed: CAF Drawn: CAF Checked: MBK		Date: OCT. 2025 Scale: as shown Proj. No.: 449		Rev.	Description	Date
Sheet No.: 1												

U.S. Highway 63

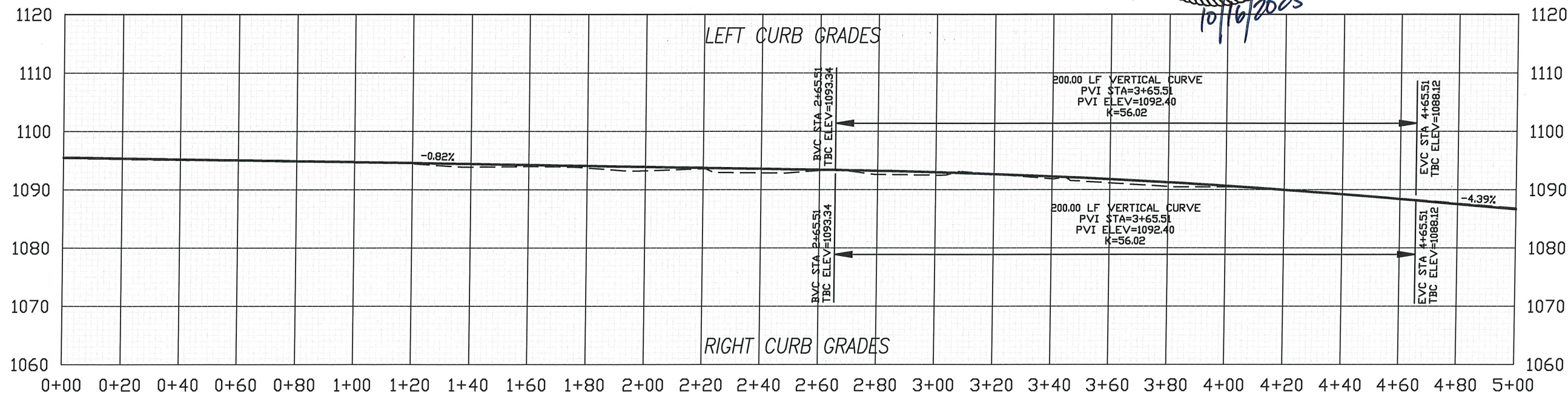
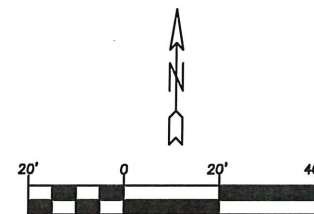


1 LITTLE OAKS ROAD PLAN - Station 0+00 to Station 5+00
2 Scale: 1" = 40'

KEYED NOTES

- 1 CONTRACTOR SHALL ENSURE THAT ALL SPECIFIED TRAFFIC SIGNS REMAIN IN PLACE DURING CONSTRUCTION AND REMAIN VISIBLE AT ALL TIMES. CONTRACTOR SHALL INSTALL SIGN POST SLEEVES FOR SIGN UPGRADES AND RELOCATIONS.
- 2 ADJUST MANHOLE LID AND RING AS NEEDED BY OTHERS.
- 3 ADJUST WATER VALVE AS NEEDED BY OTHERS. CONTACT ROLLA MUNICIPAL UTILITIES REPRESENTATIVE FOR STANDARD DETAILS.
- 4 REMOVE AND DISCARD EXISTING DRAIN PIPE BY OTHERS.

- 5 CONTRACTOR SHALL ENSURE ALL PROPERTY PINS, RIGHT-OF-WAY MARKERS, MONUMENTS AND BENCH MARKS REMAIN UNDISTURBED AS PER MISSOURI REVISED STATUTES, CHAPTER 60 "COUNTY SURVEYORS AND LAND SURVEYS", SECTION 60.355. CONTRACTOR SHALL BE AWARE THAT VIOLATION OF THIS STATUTE IS CONSIDERED A CLASS B MISDEMEANOR. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH REESTABLISHMENT OF MONUMENTS OR MARKERS DISTURBED DURING CONSTRUCTION.
- 6 REMOVE AND RELOCATE EXISTING MAILBOXES BY OTHERS. CONTRACTOR SHALL ENSURE POSTAL SERVICE IS UNINTERRUPTED.
- 7 SAWCUT ASPHALT AT MATCH LINES BY OTHERS.



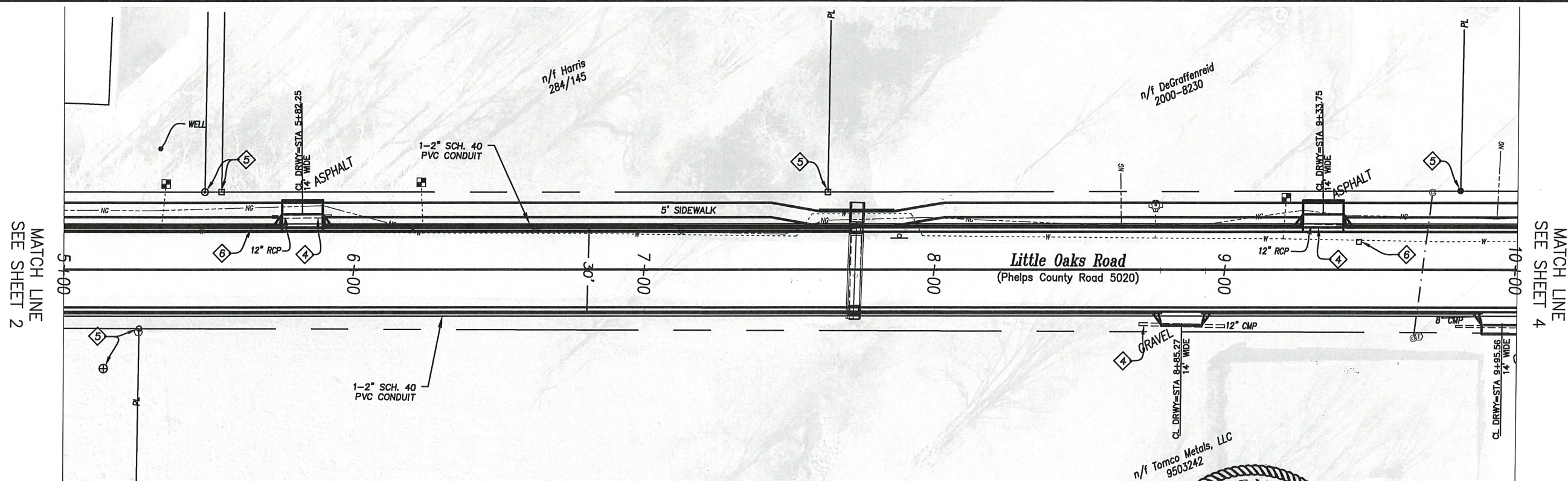
2 LITTLE OAKS ROAD PROFILE - Station 0+00 to Station 5+00
2 Scale: 1" = 40' H
1" = 20' V

MATCH LINE
SEE SHEET 3

Date	Description	Rev.
OCT. 2025	Designed: CAF	
	Drawn: CAF	
	Checked: MBK	
	Scale: AS SHOWN	
	Proj. No.: 449	

City of Rolla Department of Public Works 901 North Elm Street Phone: 573-364-8659 www.rollacity.org	PROJ 449 - LITTLE OAKS ROAD IMPROVEMENTS City of Rolla Public Works Department Plan/Profile - Sta 0+00 - Sta 5+00
---	---

Sheet No.: 2 2 of 28

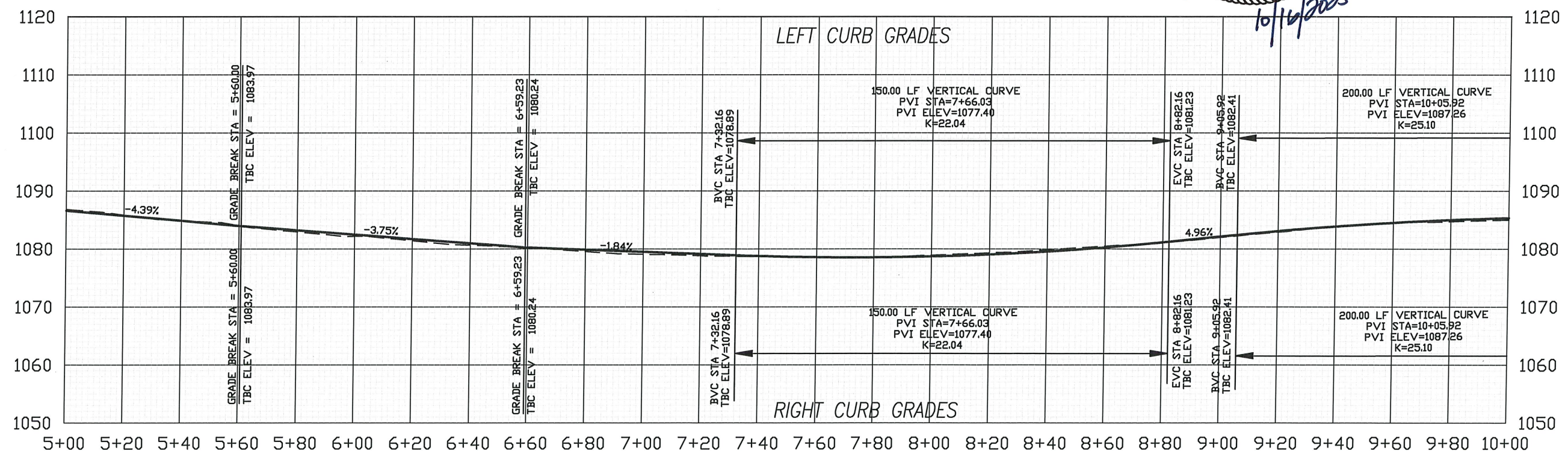
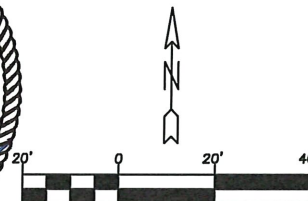


1 **LITTLE OAKS ROAD PLAN - Station 5+00 to Station 10+00**
3 Scale: 1" = 40'

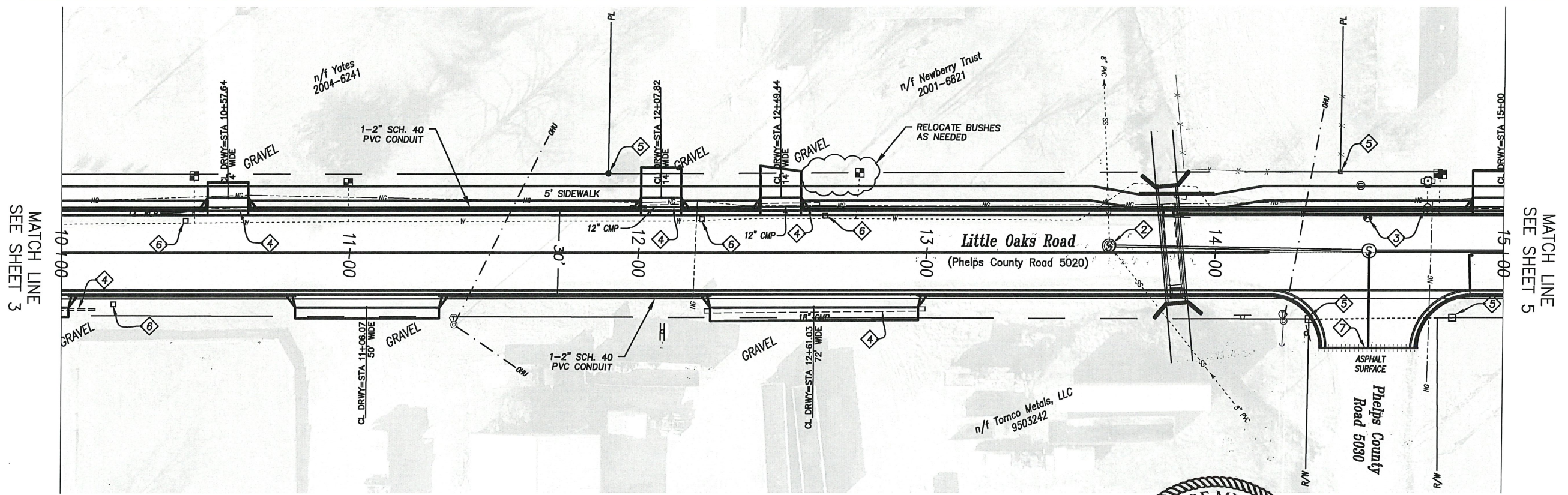
KEYED NOTES

- 1 CONTRACTOR SHALL ENSURE THAT ALL SPECIFIED TRAFFIC SIGNS REMAIN IN PLACE DURING CONSTRUCTION AND REMAIN VISIBLE AT ALL TIMES. CONTRACTOR SHALL INSTALL SIGN POST SLEEVES FOR SIGN UPGRADES AND RELOCATIONS.
- 2 ADJUST MANHOLE LID AND RING AS NEEDED BY OTHERS.
- 3 ADJUST WATER VALVE AS NEEDED BY OTHERS. CONTACT ROLLA MUNICIPAL UTILITIES REPRESENTATIVE FOR STANDARD DETAILS.
- 4 REMOVE AND DISCARD EXISTING DRAIN PIPE BY OTHERS.

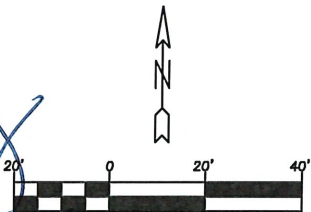
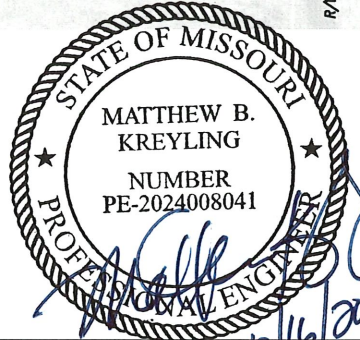
- 5 CONTRACTOR SHALL ENSURE ALL PROPERTY PINS, RIGHT-OF-WAY MARKERS, MONUMENTS AND BENCH MARKS REMAIN UNDISTURBED AS PER MISSOURI REVISED STATUTES, CHAPTER 60 "COUNTY SURVEYORS AND LAND SURVEYS", SECTION 60.355. CONTRACTOR SHALL BE AWARE THAT VIOLATION OF THIS STATUTE IS CONSIDERED A CLASS B MISDEMEANOR. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH REESTABLISHMENT OF MONUMENTS OR MARKERS DISTURBED DURING CONSTRUCTION.
- 6 REMOVE AND RELOCATE EXISTING MAILBOXES BY OTHERS. CONTRACTOR SHALL ENSURE POSTAL SERVICE IS UNINTERRUPTED.
- 7 SAWCUT ASPHALT AT MATCH LINES BY OTHERS.



2 **LITTLE OAKS ROAD PROFILE - Station 5+00 to Station 10+00**
3 Scale: 1" = 40' H
 1" = 20' V



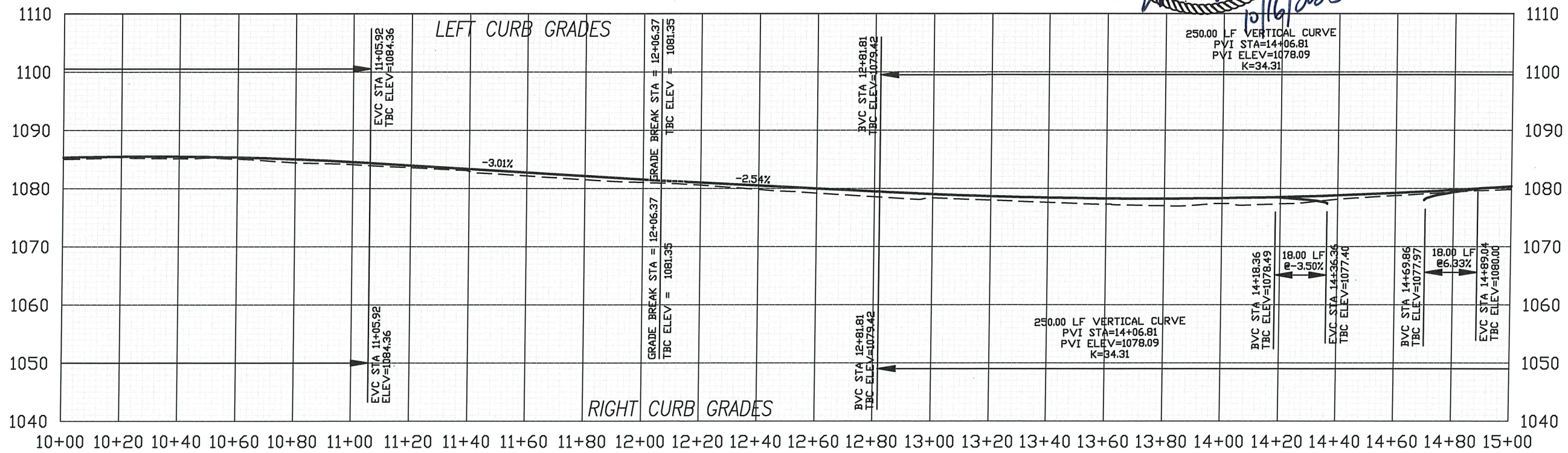
1 LITTLE OAKS ROAD PLAN - Station 10+00 to Station 15+00
 4 Scale: 1" = 40'



KEYED NOTES

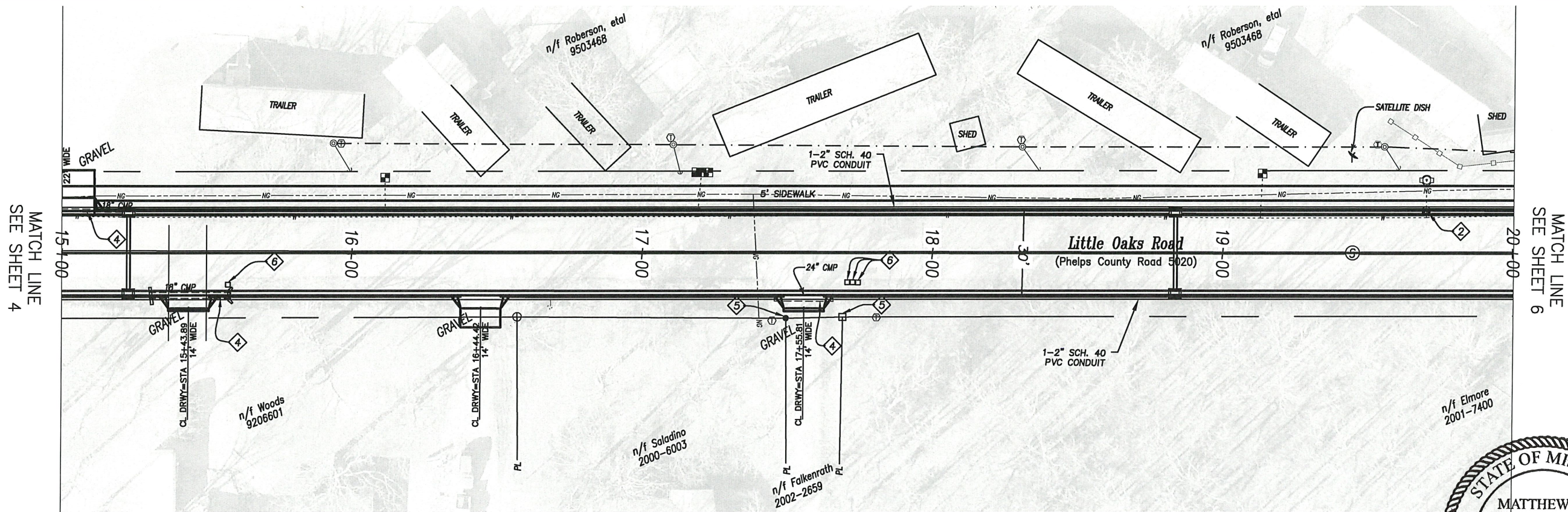
- 1 CONTRACTOR SHALL ENSURE THAT ALL SPECIFIED TRAFFIC SIGNS REMAIN IN PLACE DURING CONSTRUCTION AND REMAIN VISIBLE AT ALL TIMES. CONTRACTOR SHALL INSTALL SIGN POST SLEEVES FOR SIGN UPGRADES AND RELOCATIONS.
- 2 ADJUST MANHOLE LID AND RING AS NEEDED BY OTHERS.
- 3 ADJUST WATER VALVE AS NEEDED BY OTHERS. CONTACT ROLLA MUNICIPAL UTILITIES REPRESENTATIVE FOR STANDARD DETAILS.
- 4 REMOVE AND DISCARD EXISTING DRAIN PIPE BY OTHERS.

- 5 CONTRACTOR SHALL ENSURE ALL PROPERTY PINS, RIGHT-OF-WAY MARKERS, MONUMENTS AND BENCH MARKS REMAIN UNDISTURBED AS PER MISSOURI REVISED STATUTES, CHAPTER 60 "COUNTY SURVEYORS AND LAND SURVEYS". SECTION 60.355, CONTRACTOR SHALL BE AWARE THAT VIOLATION OF THIS STATUTE IS CONSIDERED A CLASS B MISDEMEANOR. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH REESTABLISHMENT OF MONUMENTS OR MARKERS DISTURBED DURING CONSTRUCTION.
- 6 REMOVE AND RELOCATE EXISTING MAILBOXES BY OTHERS. CONTRACTOR SHALL ENSURE POSTAL SERVICE IS UNINTERRUPTED.
- 7 SAWCUT ASPHALT AT MATCH LINES BY OTHERS.



2 LITTLE OAKS ROAD PROFILE - Station 10+00 to Station 15+00
 4 Scale: 1" = 40' H
 1" = 20' V

	City of Rolla Department of Public Works 901 North Elm Street Phone: 573-364-8659 www.rollacity.org	PROJ 449 - LITTLE OAKS ROAD IMPROVEMENTS City of Rolla Public Works Department Plan/Profile - Sta 10+00 - Sta 15+00	Sheet No.: 4 of 28	
	Designed: CAF Drawn: CAF Checked: MBK	Date: OCT. 2025 Scale: AS SHOWN Proj. No.: 449		
	Date: OCT. 2025 Scale: AS SHOWN Proj. No.: 449			

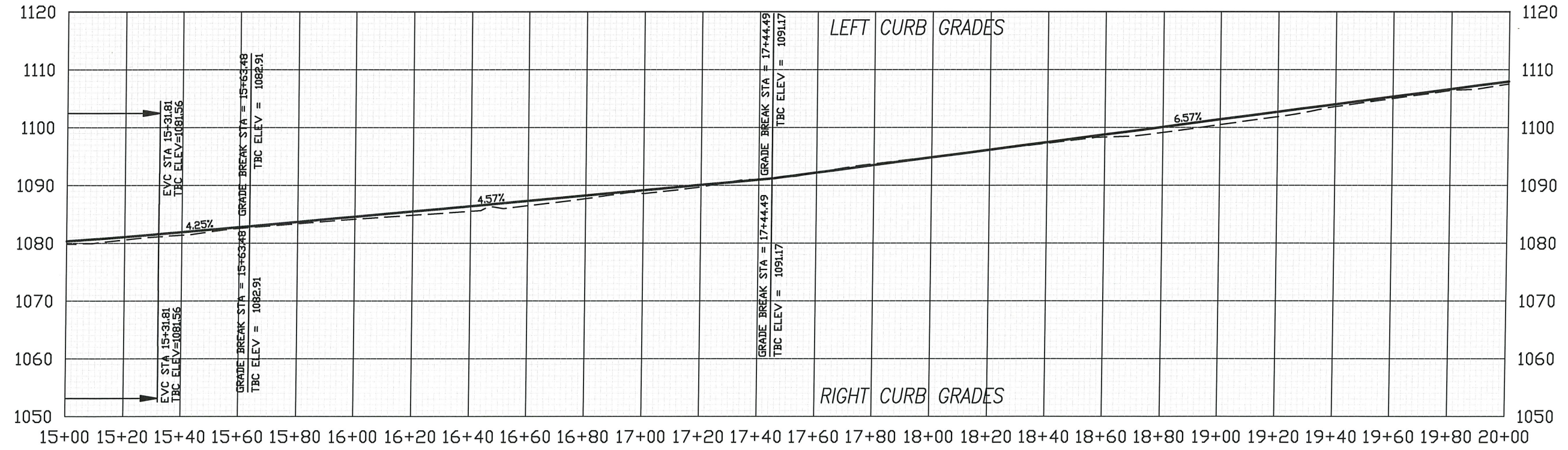
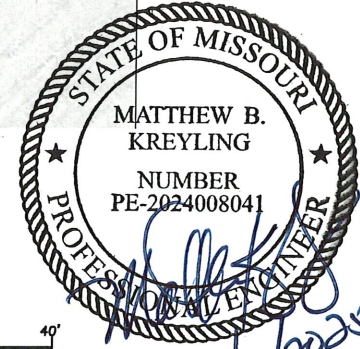
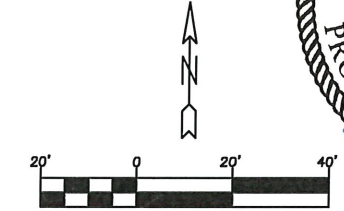


1 LITTLE OAKS ROAD PLAN - Station 15+00 to Station 20+00
5 Scale: 1" = 40'

KEYED NOTES

- 1 CONTRACTOR SHALL ENSURE THAT ALL SPECIFIED TRAFFIC SIGNS REMAIN IN PLACE DURING CONSTRUCTION AND REMAIN VISIBLE AT ALL TIMES. CONTRACTOR SHALL INSTALL SIGN POST SLEEVES FOR SIGN UPGRADES AND RELOCATIONS.
- 2 ADJUST MANHOLE LID AND RING AS NEEDED BY OTHERS.
- 3 ADJUST WATER VALVE AS NEEDED BY OTHERS. CONTACT ROLLA MUNICIPAL UTILITIES REPRESENTATIVE FOR STANDARD DETAILS.
- 4 REMOVE AND DISCARD EXISTING DRAIN PIPE BY OTHERS.

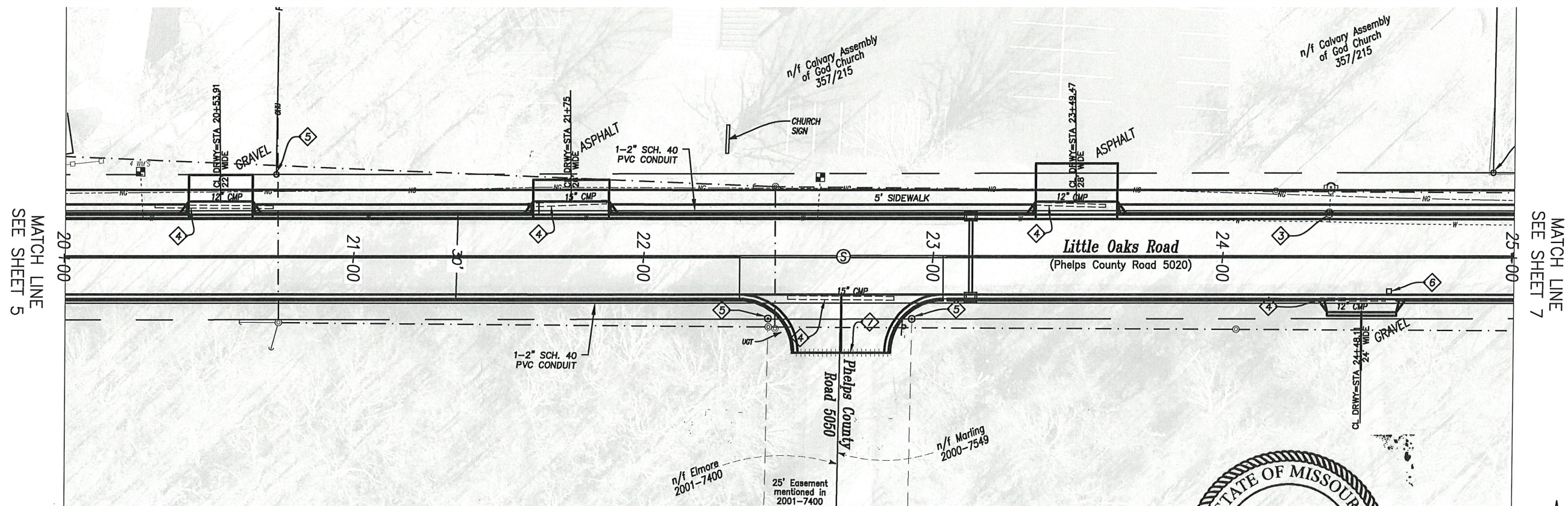
- 5 CONTRACTOR SHALL ENSURE ALL PROPERTY PINS, RIGHT-OF-WAY MARKERS, MONUMENTS AND BENCH MARKS REMAIN UNDISTURBED AS PER MISSOURI REVISED STATUTES, CHAPTER 60 "COUNTY SURVEYORS AND LAND SURVEYS", SECTION 60.355. CONTRACTOR SHALL BE AWARE THAT VIOLATION OF THIS STATUTE IS CONSIDERED A CLASS B MISDEMEANOR. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH REESTABLISHMENT OF MONUMENTS OR MARKERS DISTURBED DURING CONSTRUCTION.
- 6 REMOVE AND RELOCATE EXISTING MAILBOXES BY OTHERS. CONTRACTOR SHALL ENSURE POSTAL SERVICE IS UNINTERRUPTED.
- 7 SAWCUT ASPHALT AT MATCH LINES BY OTHERS.



2 LITTLE OAKS ROAD PROFILE - Station 15+00 to Station 20+00
5 Scale: 1" = 40' H
 1" = 20' V

City of Rolla Department of Public Works 901 North Elm Street Phone: 573-364-8659 www.rollacity.org	Date: OCT. 2025 Scale: AS SHOWN Proj. No.: 449
	Designed: CAF Drawn: CAF Checked: MBK
	State of Missouri Matthew B. Kreyling Professional Engineer License No. PE-2024008041
	PROJ 449 - LITTLE OAKS ROAD IMPROVEMENTS City of Rolla Public Works Department Plan/Profile - Sta 15+00 - Sta 20+00

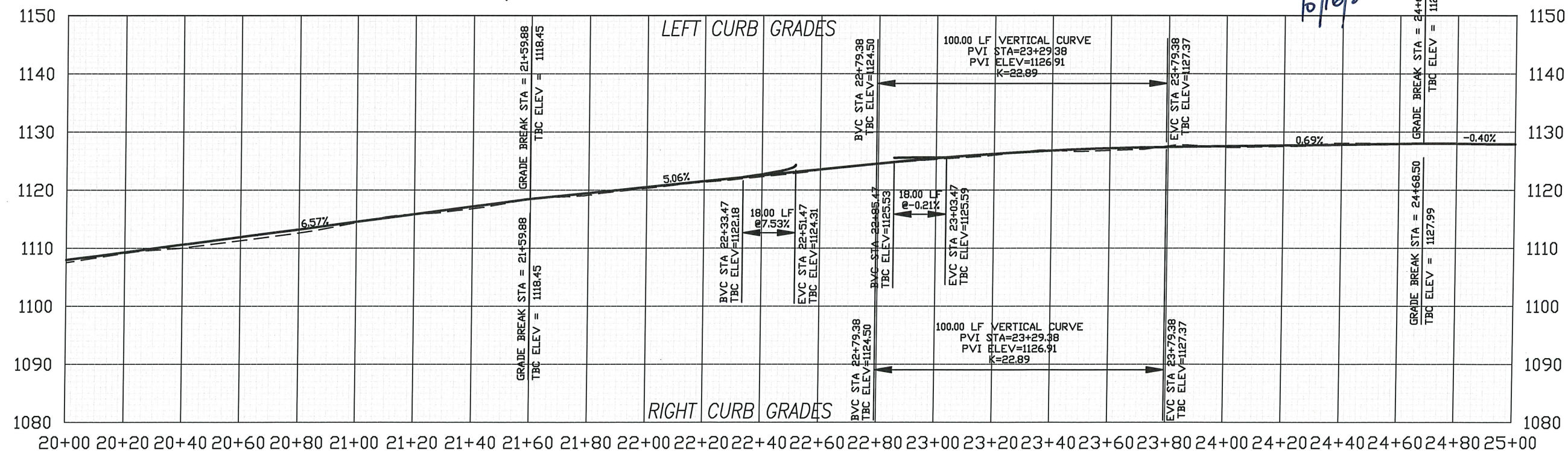
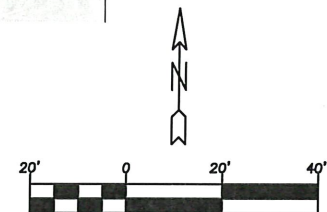
Sheet No.: **5**
 5 of 28



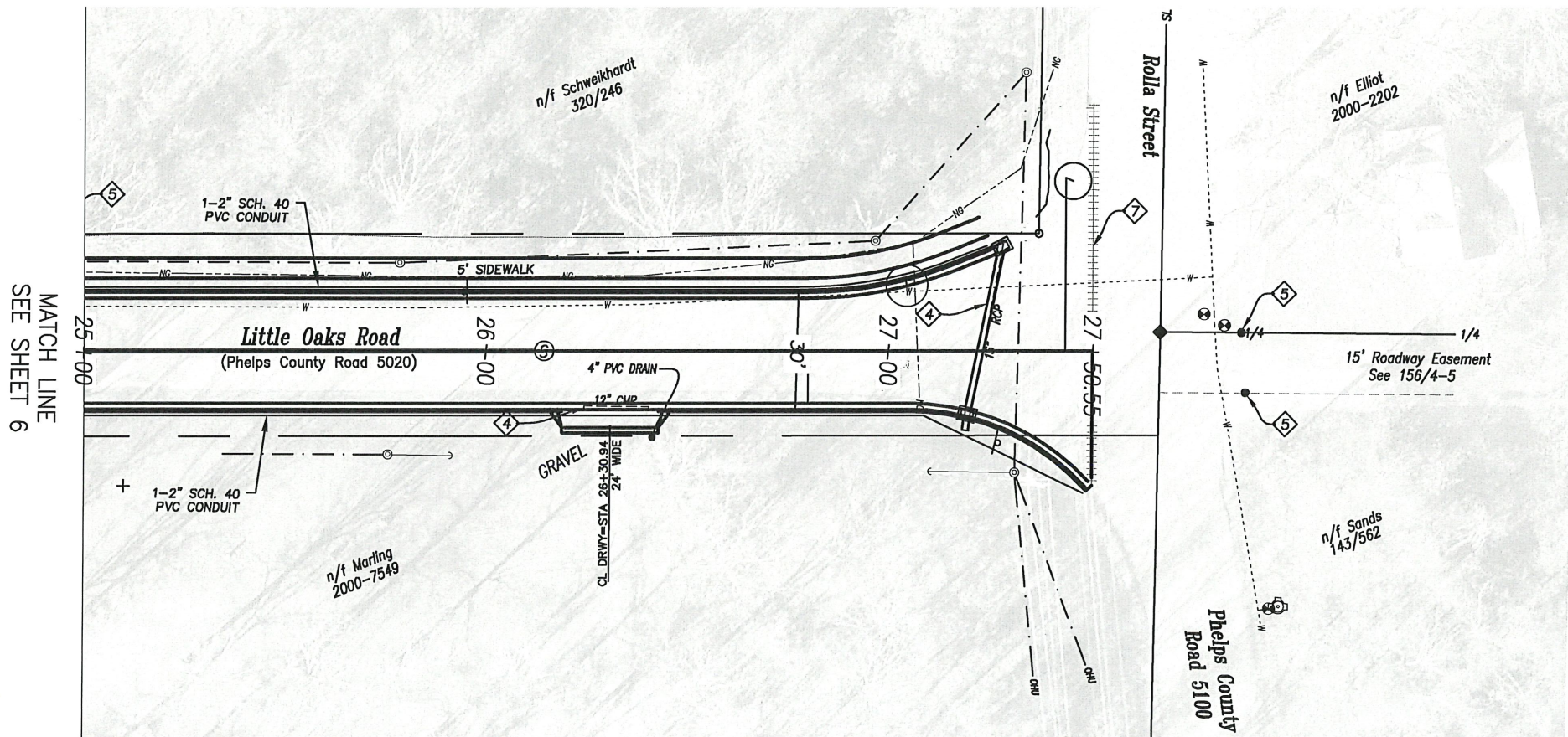
1 LITTLE OAKS ROAD PLAN - Station 20+00 to Station 25+00
6 Scale: 1" = 40'

KEYED NOTES

- 1 CONTRACTOR SHALL ENSURE THAT ALL SPECIFIED TRAFFIC SIGNS REMAIN IN PLACE DURING CONSTRUCTION AND REMAIN VISIBLE AT ALL TIMES. CONTRACTOR SHALL INSTALL SIGN POST SLEEVES FOR SIGN UPGRADES AND RELOCATIONS.
- 2 ADJUST MANHOLE LID AND RING AS NEEDED BY OTHERS.
- 3 ADJUST WATER VALVE AS NEEDED BY OTHERS. CONTACT ROLLA MUNICIPAL UTILITIES REPRESENTATIVE FOR STANDARD DETAILS.
- 4 REMOVE AND DISCARD EXISTING DRAIN PIPE BY OTHERS.
- 5 CONTRACTOR SHALL ENSURE ALL PROPERTY PINS, RIGHT-OF-WAY MARKERS, MONUMENTS AND BENCH MARKS REMAIN UNDISTURBED AS PER MISSOURI REVISED STATUTES, CHAPTER 60 "COUNTY SURVEYORS AND LAND SURVEYS", SECTION 60.355. CONTRACTOR SHALL BE AWARE THAT VIOLATION OF THIS STATUTE IS CONSIDERED A CLASS B MISDEMEANOR. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH REESTABLISHMENT OF MONUMENTS OR MARKERS DISTURBED DURING CONSTRUCTION.
- 6 REMOVE AND RELOCATE EXISTING MAILBOXES BY OTHERS. CONTRACTOR SHALL ENSURE POSTAL SERVICE IS UNINTERRUPTED.
- 7 SAWCUT ASPHALT AT MATCH LINES BY OTHERS.



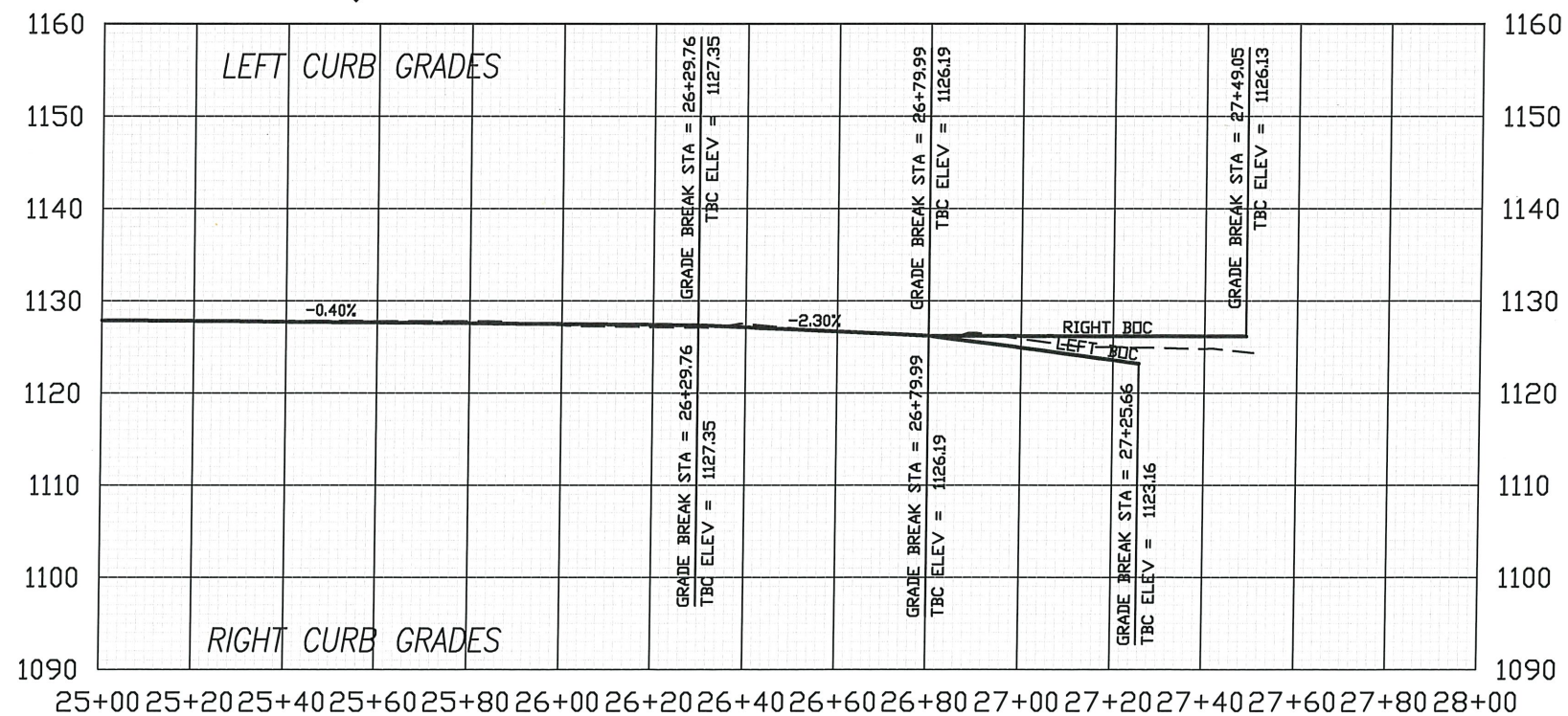
2 LITTLE OAKS ROAD PROFILE - Station 20+00 to Station 25+00
6 Scale: 1" = 40' H
 1" = 20' V



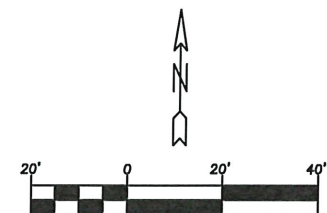
KEYED NOTES

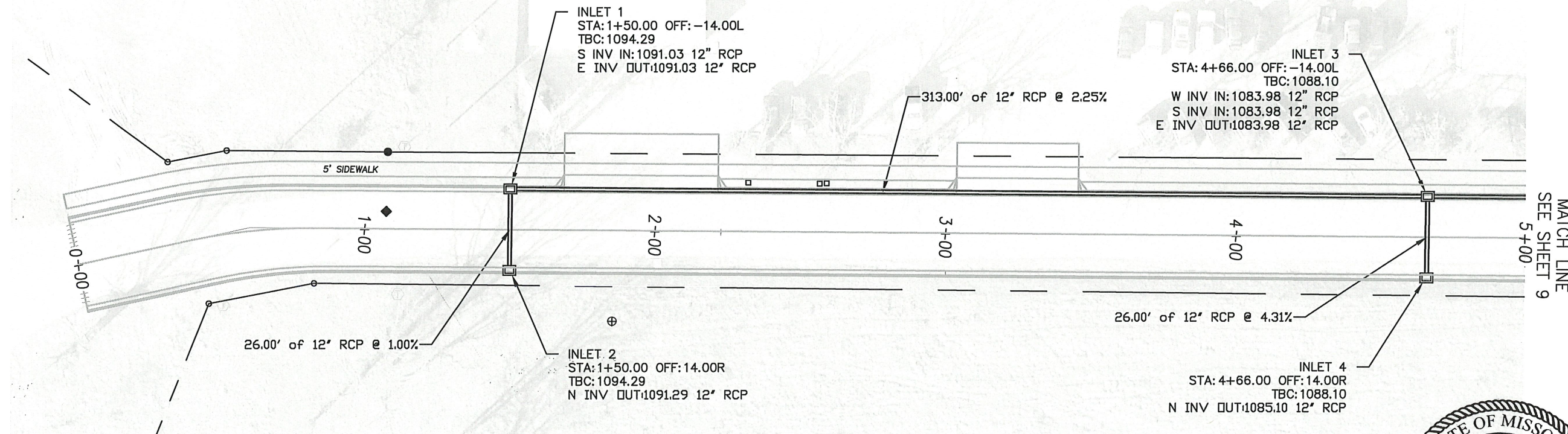
- ① CONTRACTOR SHALL ENSURE THAT ALL SPECIFIED TRAFFIC SIGNS REMAIN IN PLACE DURING CONSTRUCTION AND REMAIN VISIBLE AT ALL TIMES. CONTRACTOR SHALL INSTALL SIGN POST SLEEVES FOR SIGN UPGRADES AND RELOCATIONS.
- ② ADJUST MANHOLE LID AND RING AS NEEDED BY OTHERS.
- ③ ADJUST WATER VALVE AS NEEDED BY OTHERS. CONTACT ROLLA MUNICIPAL UTILITIES REPRESENTATIVE FOR STANDARD DETAILS.
- ④ REMOVE AND DISCARD EXISTING DRAIN PIPE BY OTHERS.
- ⑤ CONTRACTOR SHALL ENSURE ALL PROPERTY PINS, RIGHT-OF-WAY MARKERS, MONUMENTS AND BENCH MARKS REMAIN UNDISTURBED AS PER MISSOURI REVISED STATUTES, CHAPTER 60 "COUNTY SURVEYORS AND LAND SURVEYS", SECTION 60.355. CONTRACTOR SHALL BE AWARE THAT VIOLATION OF THIS STATUTE IS CONSIDERED A CLASS B MISDEMEANOR. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH REESTABLISHMENT OF MONUMENTS OR MARKERS DISTURBED DURING CONSTRUCTION.
- ⑥ REMOVE AND RELOCATE EXISTING MAILBOXES BY OTHERS. CONTRACTOR SHALL ENSURE POSTAL SERVICE IS UNINTERRUPTED.
- ⑦ SAWCUT ASPHALT AT MATCH LINES BY OTHERS.

① LITTLE OAKS ROAD PLAN - Station 25+00 to Station 27+67.32
Scale: 1" = 40'

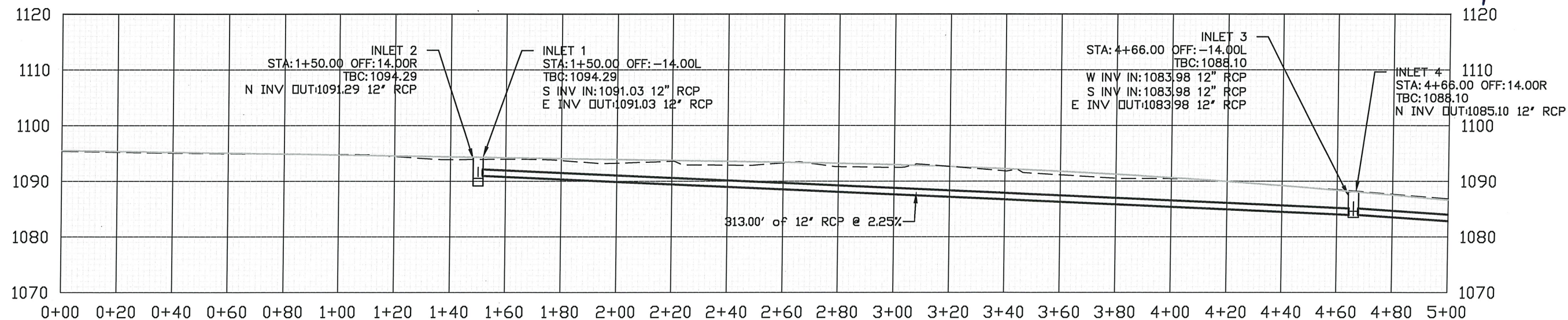
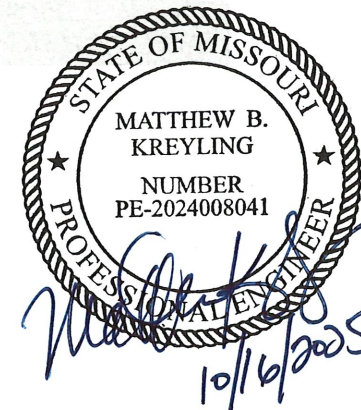


② LITTLE OAKS ROAD PROFILE - Station 25+00 to Station 27+67.32
Scale: 1" = 40' H
1" = 20' V





1
8 **LITTLE OAKS ROAD STORM PLAN - Station 0+00 to Station 5+00**
Scale: 1" = 40'



2
8 **LITTLE OAKS ROAD STORM PROFILE - Station 0+00 to Station 5+00**
Scale: 1" = 40' H
1" = 20' V

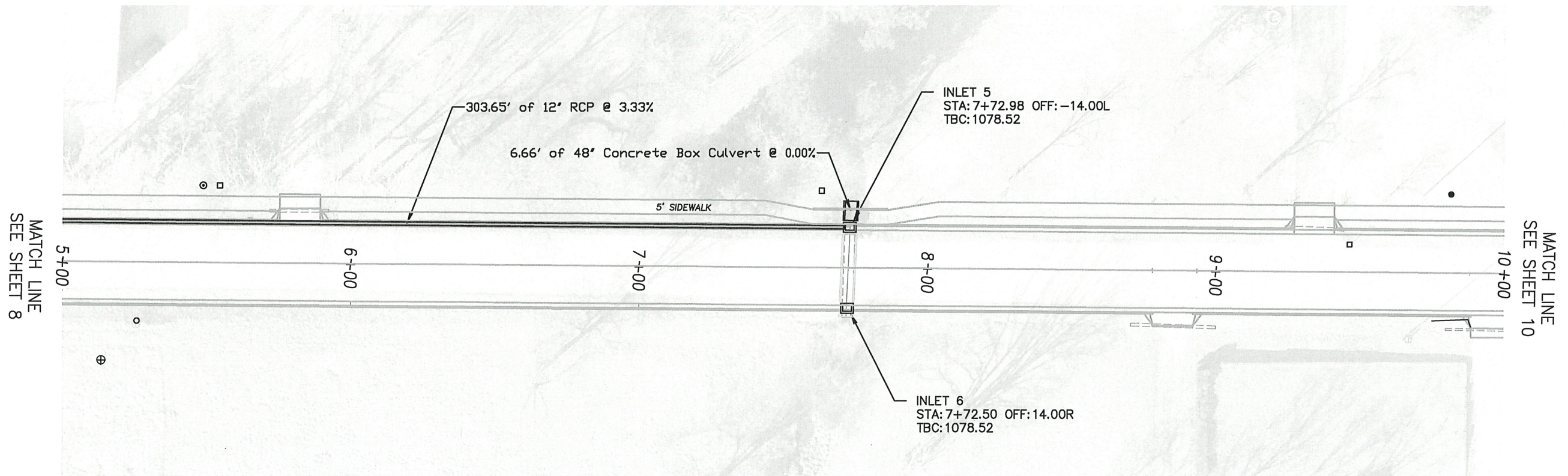
Rev.	Description	Date

Designed: CAF	Date: OCT. 2025
Drawn: CAF	Scale: AS SHOWN
Checked: MBK	Proj. No.: 449

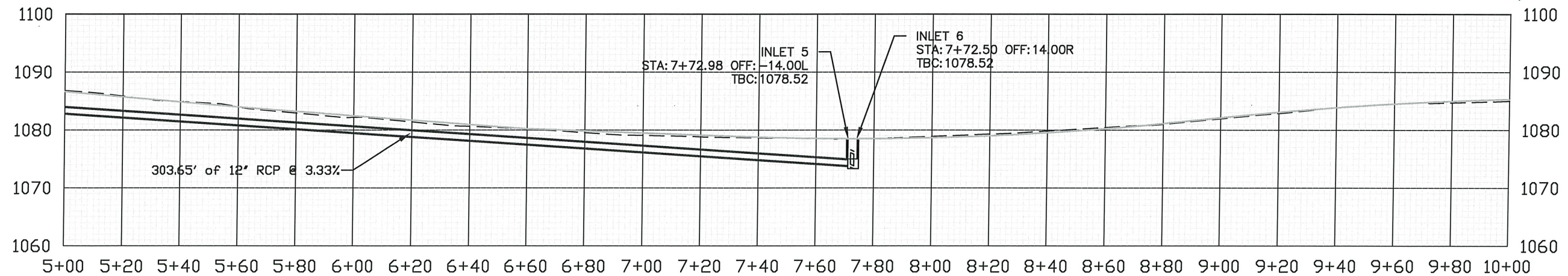
City of Rolla
Department of Public Works
901 North Elm Street
Phone: 573-364-8659
www.rollacity.org

PROJ 449 - LITTLE OAKS ROAD IMPROVEMENTS
City of Rolla Public Works Department
Storm Plan/Profile - Sta 0+00 - Sta 5+00

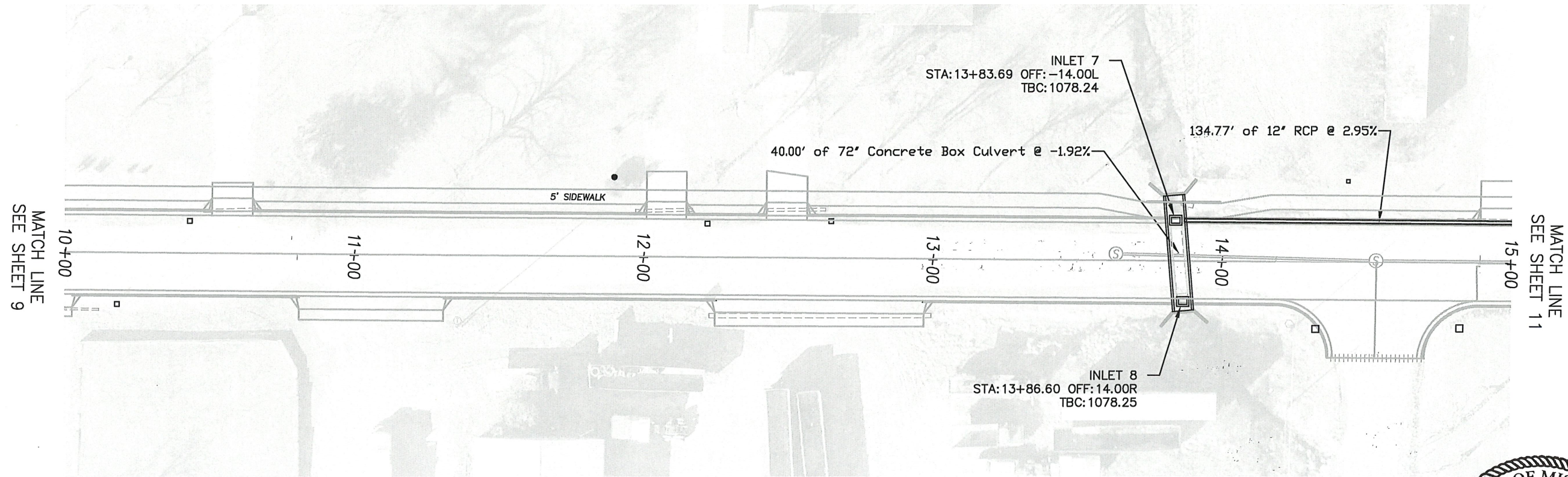
Sheet No.:
8
8 of 28



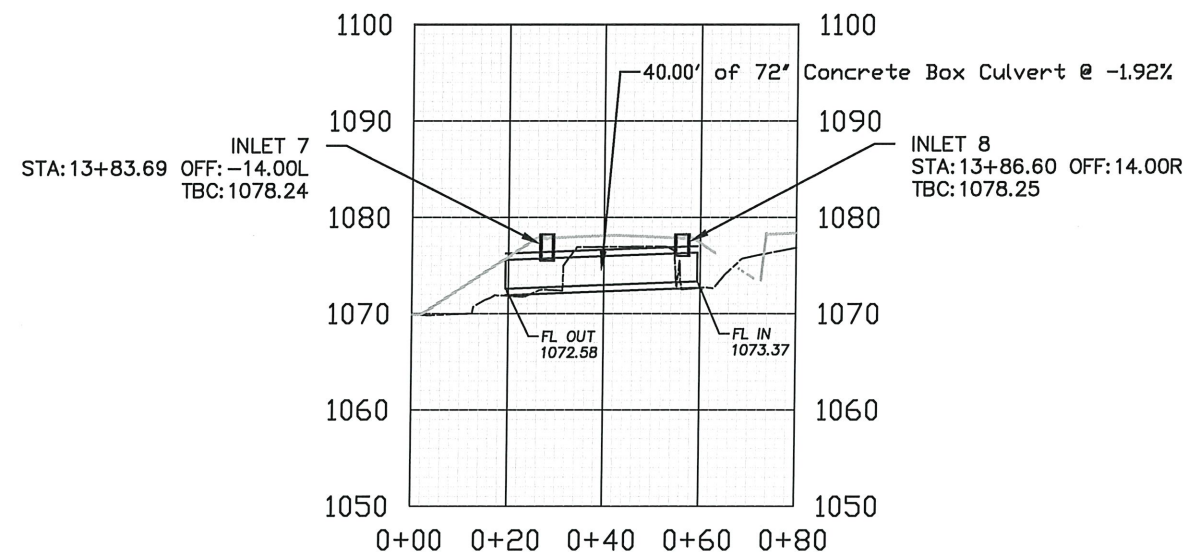
1 **LITTLE OAKS ROAD STORM PLAN - Station 5+00 to Station 10+00**
 Scale: 1" = 40'



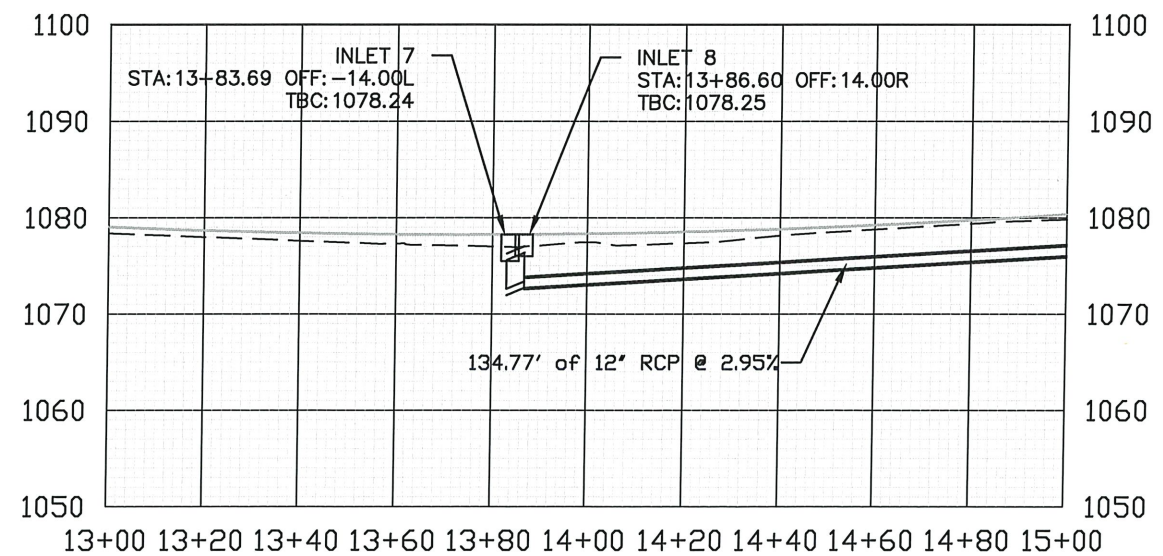
2 **LITTLE OAKS ROAD STORM PROFILE - Station 5+00 to Station 10+00**
 Scale: 1" = 40' H
 1" = 20' V



1
10 **LITTLE OAKS ROAD STORM PLAN - Station 10+00 to Station 15+00**
Scale: 1" = 40'



2
10 **LITTLE OAKS ROAD - BOX CULVERT CROSS SECTION**
Scale: 1" = 40' H
1" = 20' V



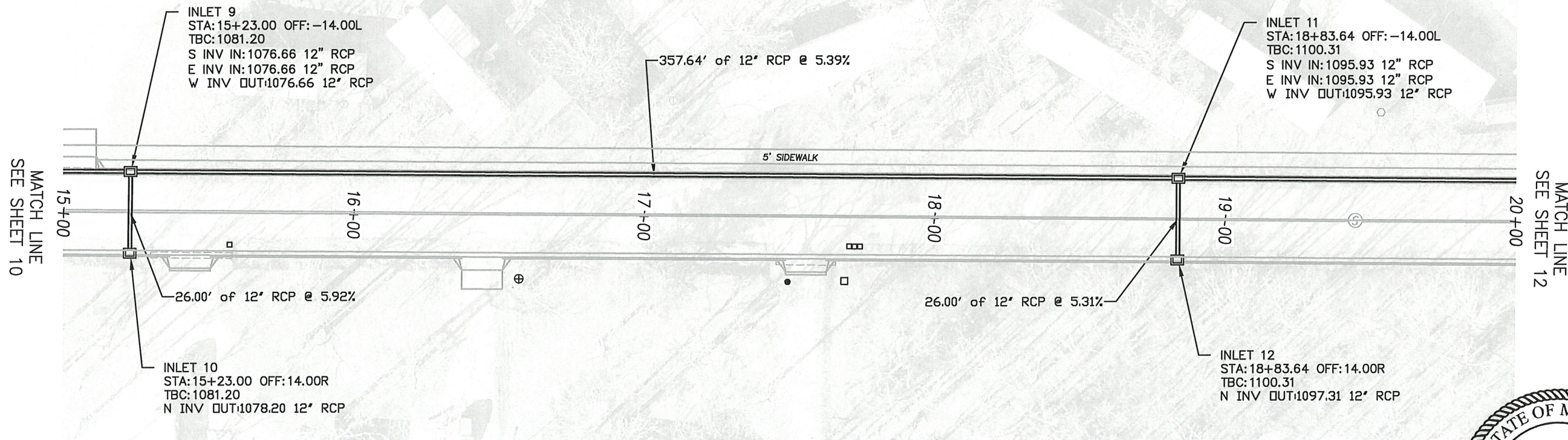
3
10 **LITTLE OAKS ROAD STORM PROFILE - Station 13+00 to Station 15+00**
Scale: 1" = 40' H
1" = 20' V

Rev.	Description	Date

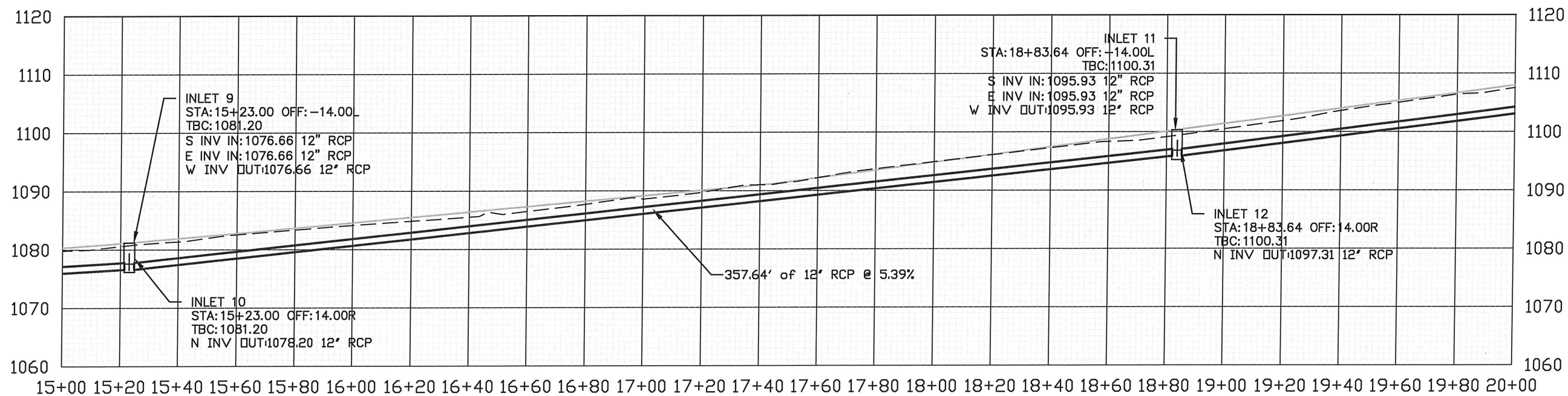
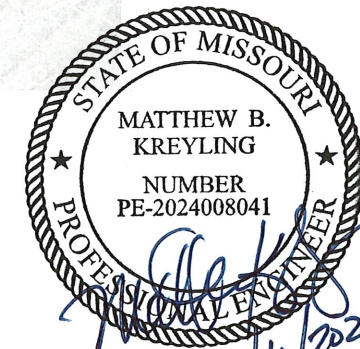
Designed: CAF	Date: OCT. 2025
Drawn: CAF	Scale: AS SHOWN
Checked: MBK	Proj. No.: 449

City of Rolla Department of Public Works 901 North Elm Street Phone: 573-364-8659 www.rollacity.org	ROLLA
--	--------------

PROJ 449 - LITTLE OAKS ROAD IMPROVEMENTS City of Rolla Public Works Department Storm Plan/Profile - Sta 10+00 - Sta 15+00	Sheet No.: 10 10 of 28
---	-------------------------------------



1 LITTLE OAKS ROAD STORM PLAN - Station 15+00 to Station 20+00
 Scale: 1" = 40'



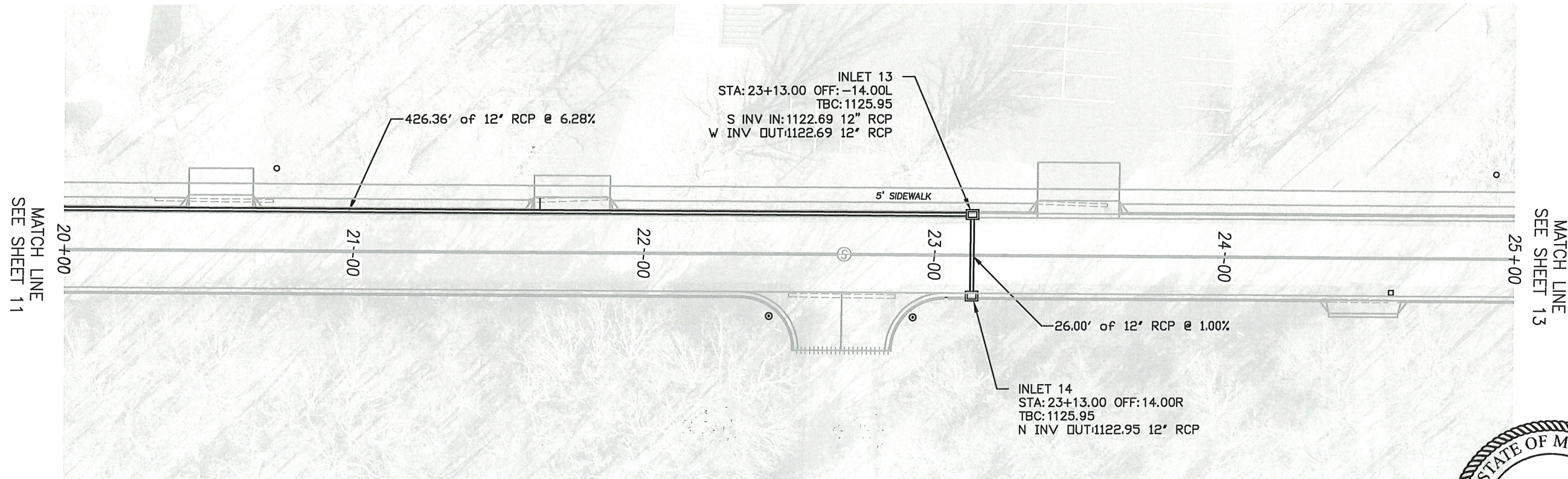
2 LITTLE OAKS ROAD STORM PROFILE - Station 15+00 to Station 20+00
 Scale: 1" = 40' H
 1" = 20' V

Rev.	Description	Date

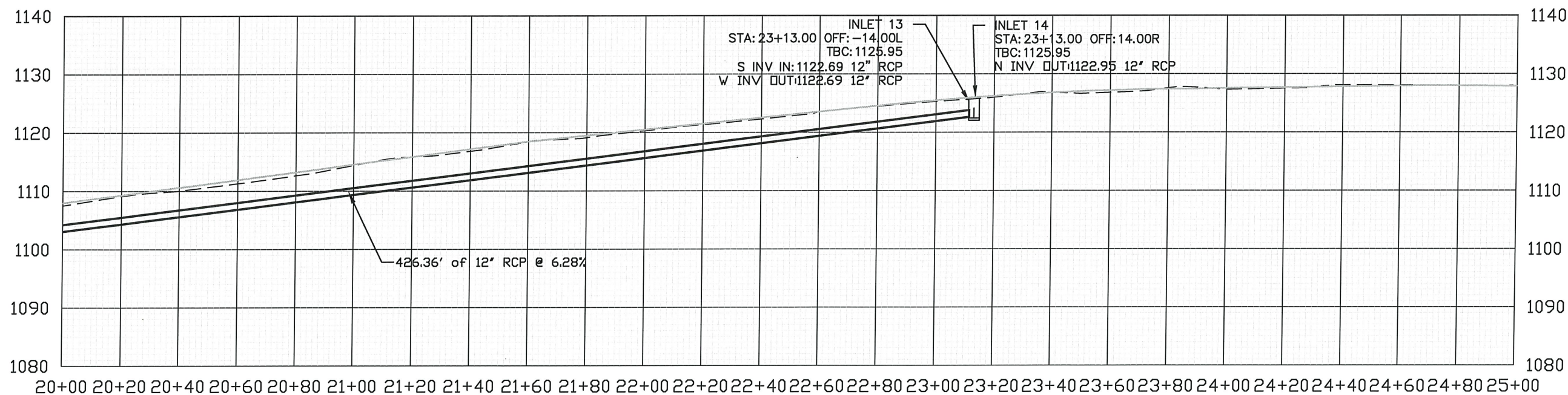
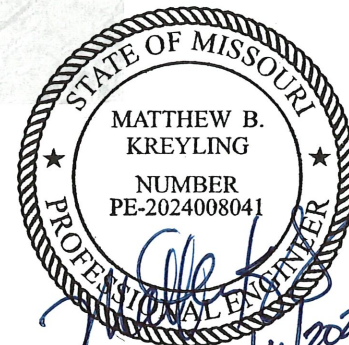
Designed: CAF	Date: OCT. 2025
Drawn: CAF	Scale: AS SHOWN
Checked: MBK	Proj. No.: 449

City of Rolla Department of Public Works 901 North Elm Street Phone: 573-364-8659 www.rollacity.org	ROLLA PROJECT 449 - LITTLE OAKS ROAD IMPROVEMENTS City of Rolla Public Works Department Storm Plan/Profile - Sta 15+00 - Sta 20+00
--	--

Sheet No.:	11
	11 of 28



1 LITTLE OAKS ROAD STORM PLAN - Station 20+00 to Station 25+00
 Scale: 1" = 40'



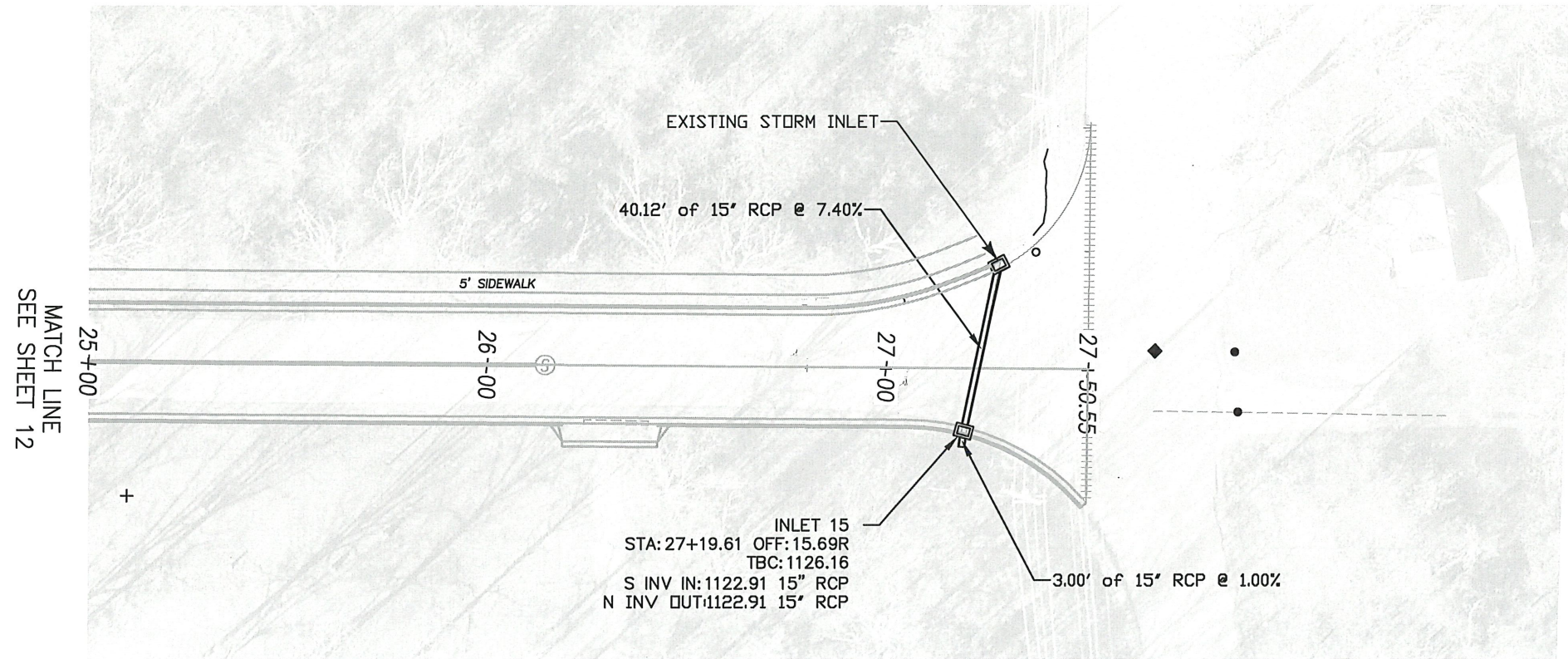
2 LITTLE OAKS ROAD STORM PROFILE - Station 20+00 to Station 25+00
 Scale: 1" = 40' H
 1" = 20' V

Rev.	Description	Date

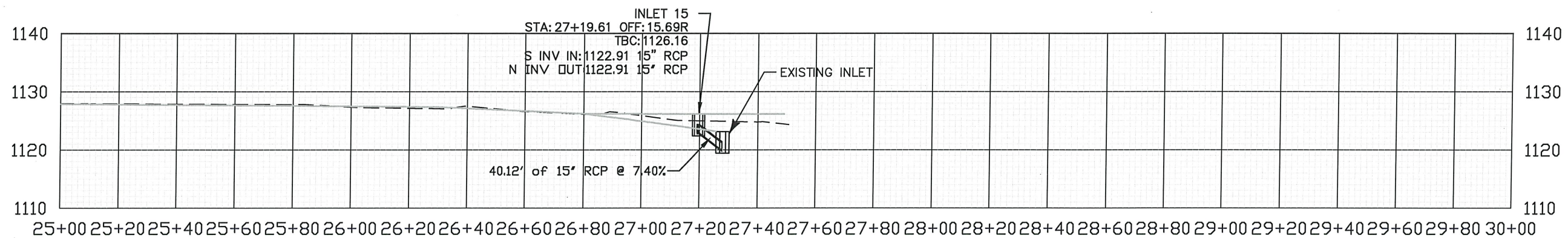
Designed: CAF	Date: OCT. 2025
Drawn: CAF	Scale: AS SHOWN
Checked: MBK	Proj. No.: 449

City of Rolla Department of Public Works 901 North Elm Street Phone: 573-364-8659 www.rollacity.org	ROLLA MISSOURI
--	--------------------------

PROJ 449 - LITTLE OAKS ROAD IMPROVEMENTS City of Rolla Public Works Department Storm Plan/Profile - Sta 20+00 - Sta 25+00	Sheet No.: 12 12 of 28
---	-------------------------------------

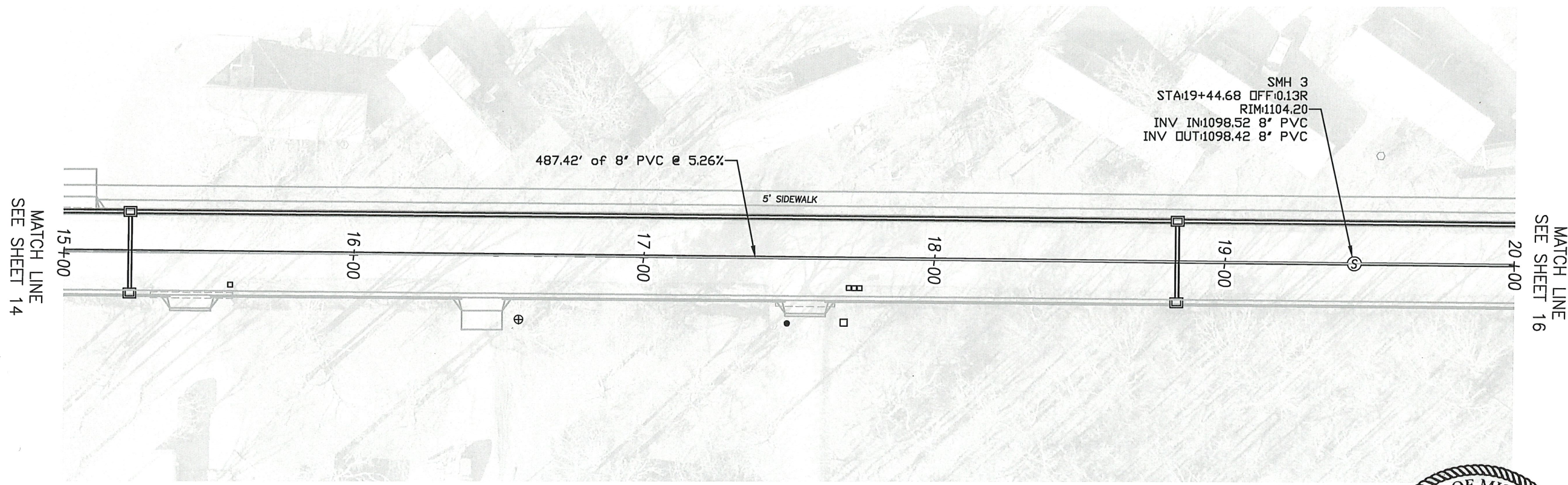


1 **LITTLE OAKS ROAD STORM PLAN - Station 25+00 to Station 27+67.32**
13 Scale: 1" = 40'

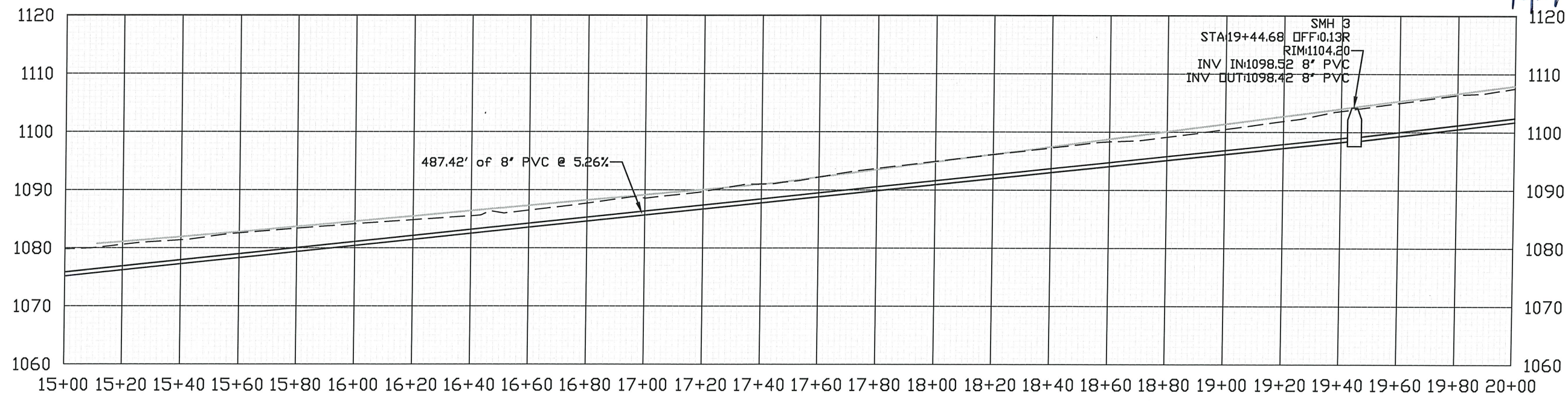
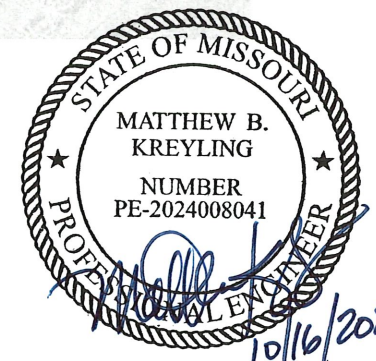


2 **LITTLE OAKS ROAD STORM PROFILE - Station 25+00 to Station 27+67.32**
13 Scale: 1" = 40' H
 1" = 20' V

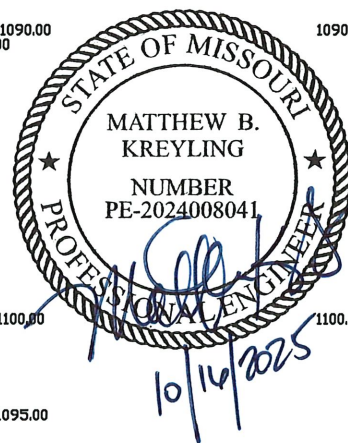
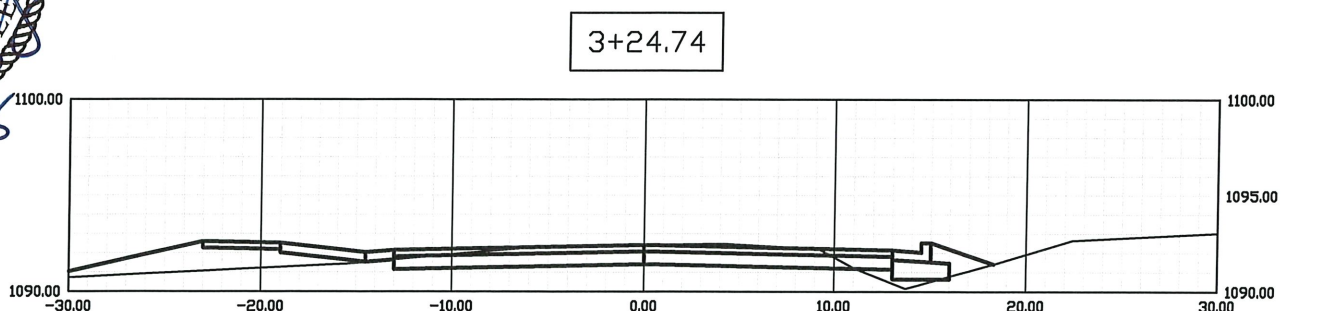
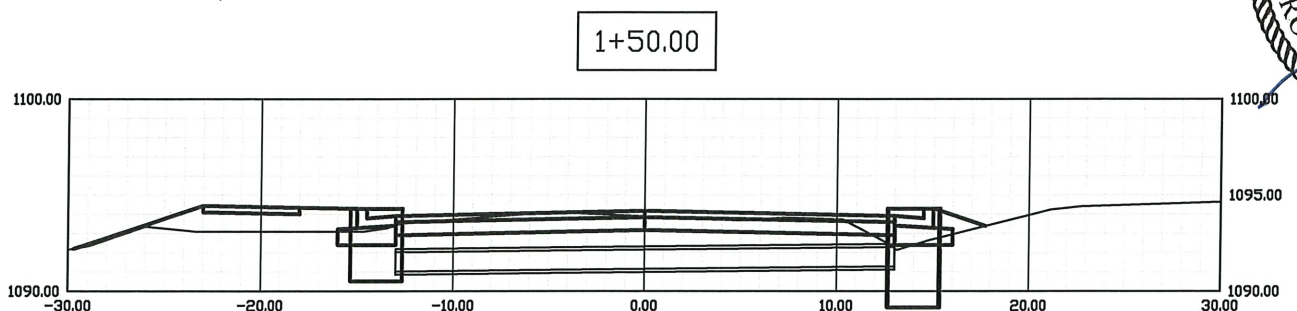
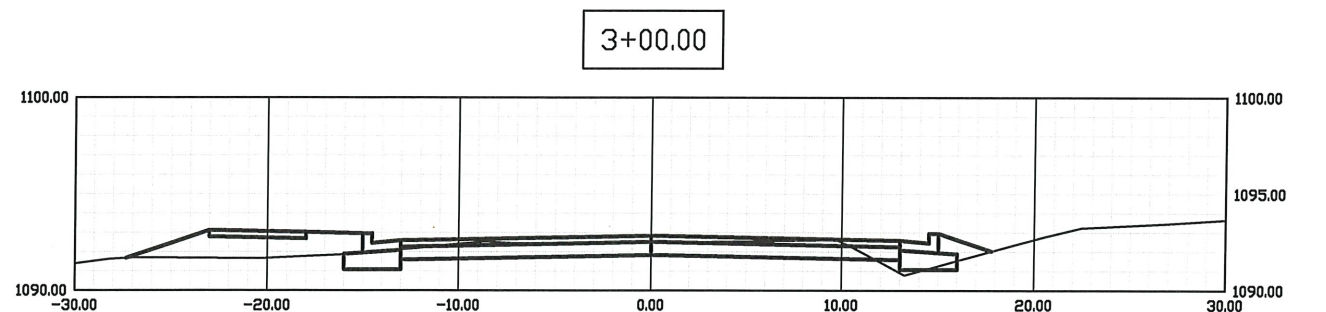
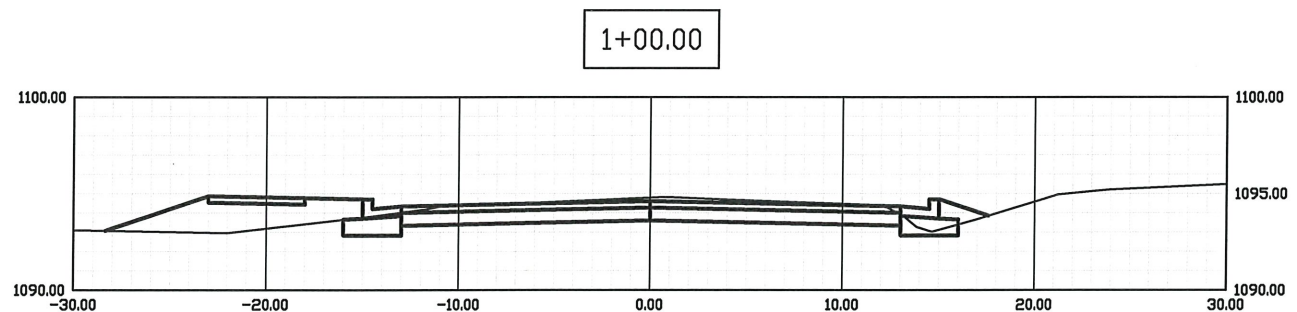
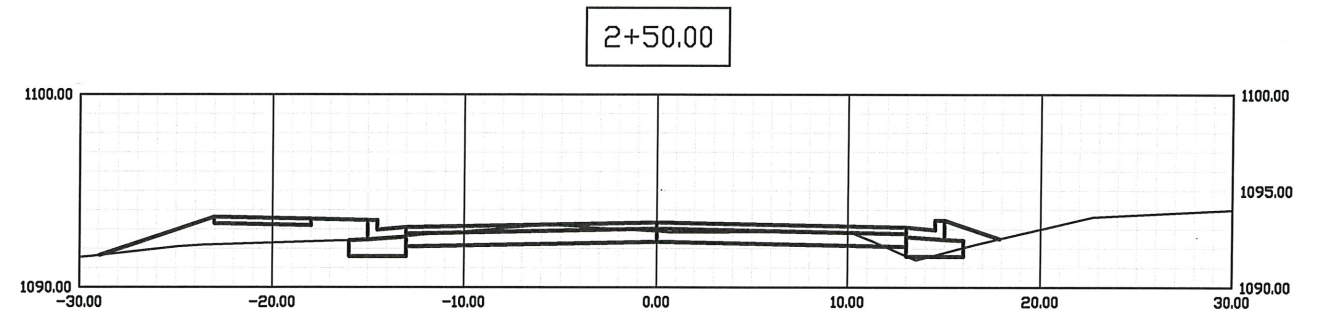
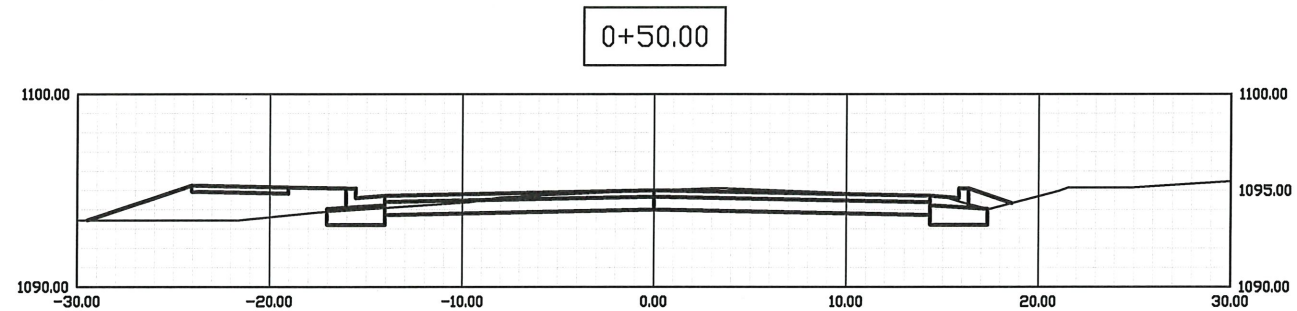
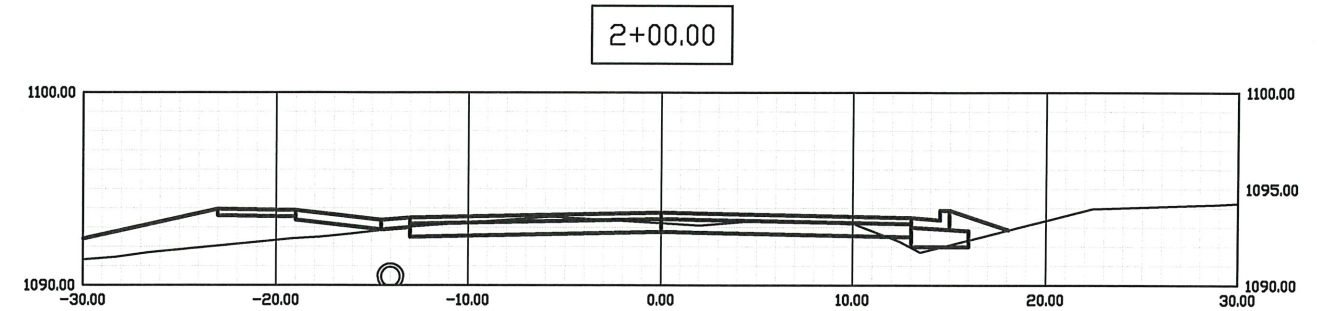
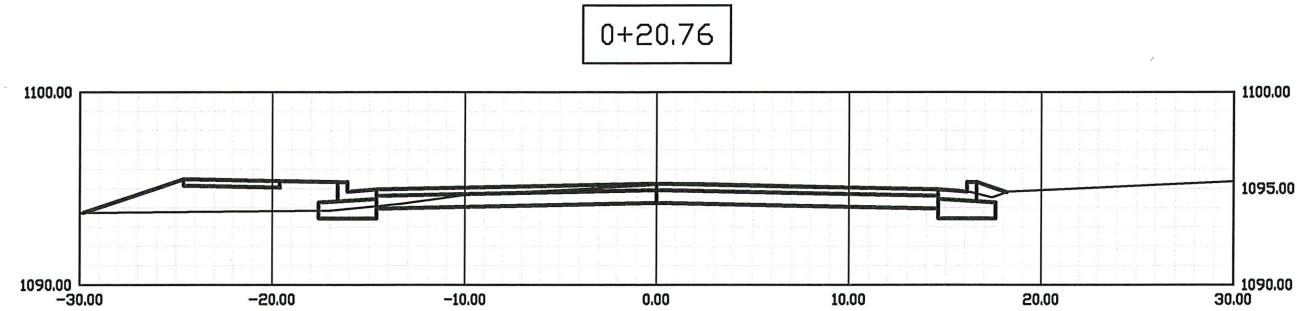


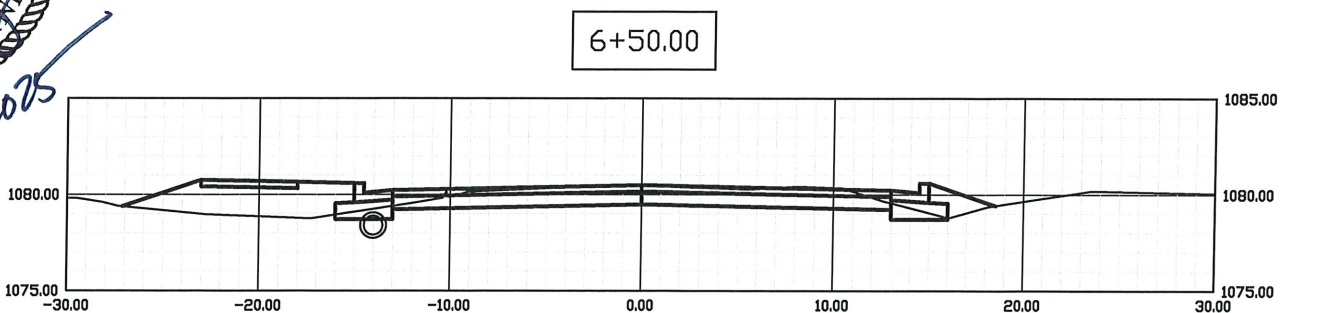
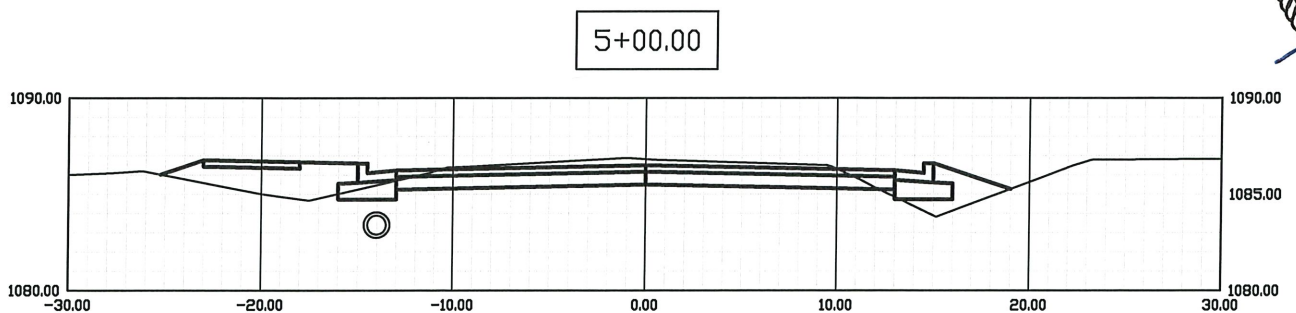
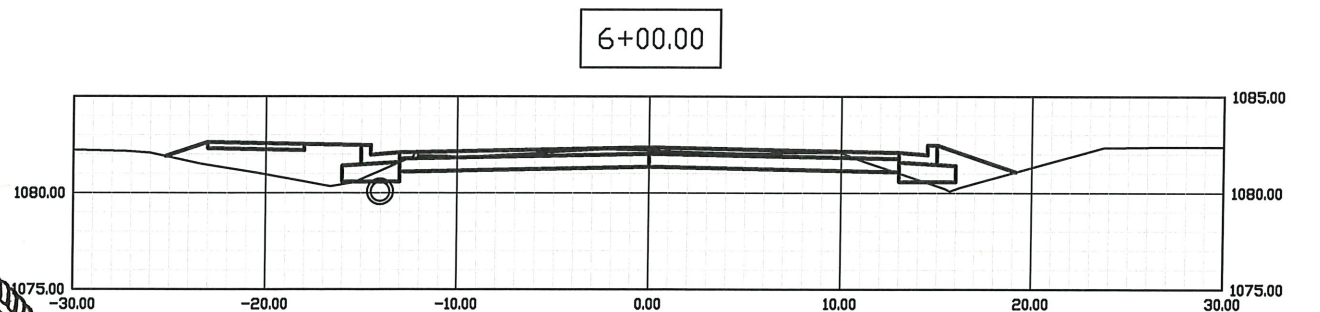
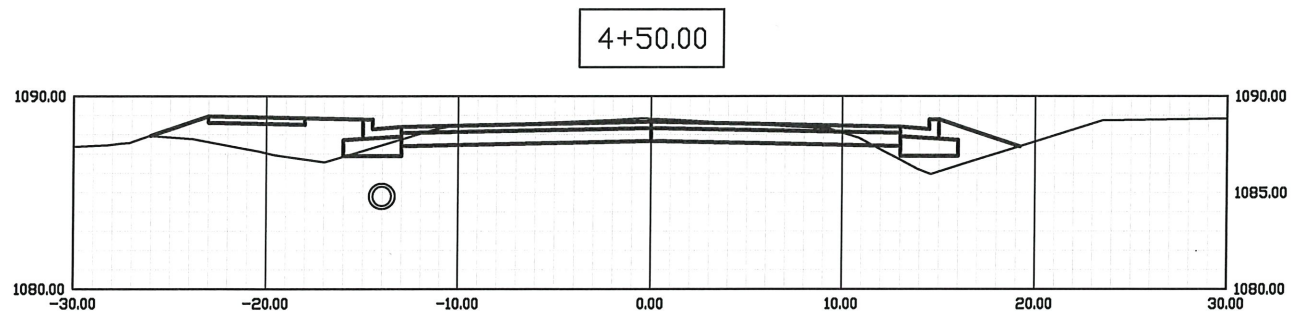
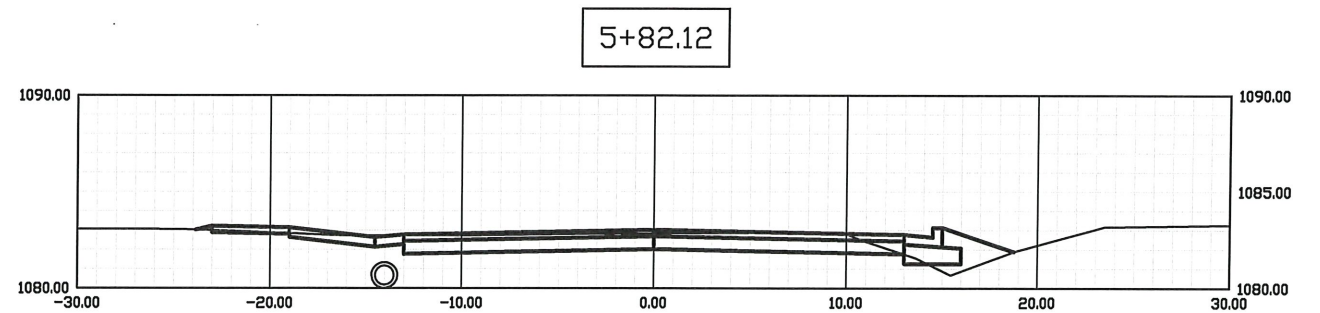
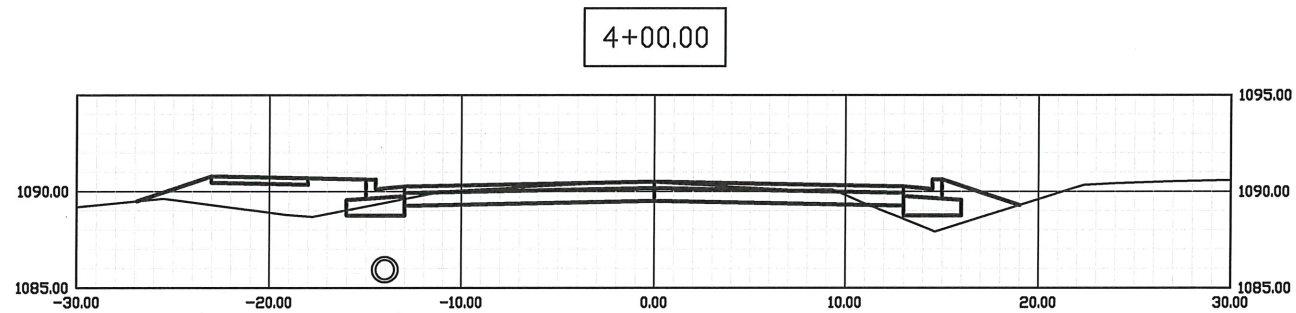
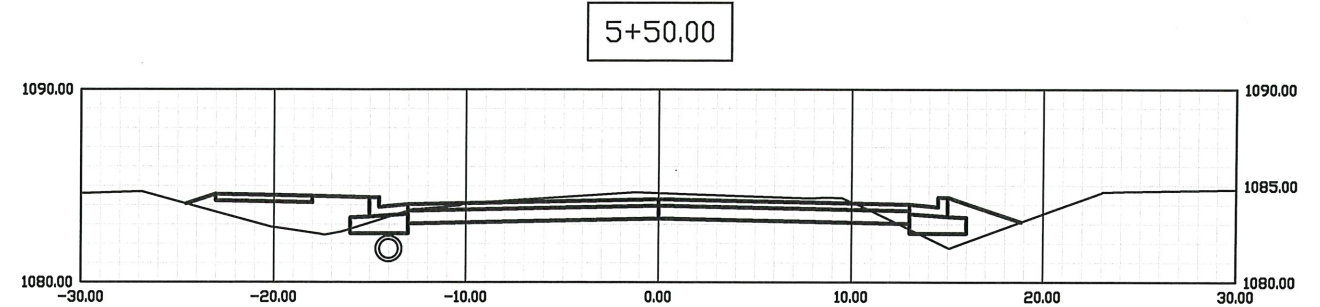
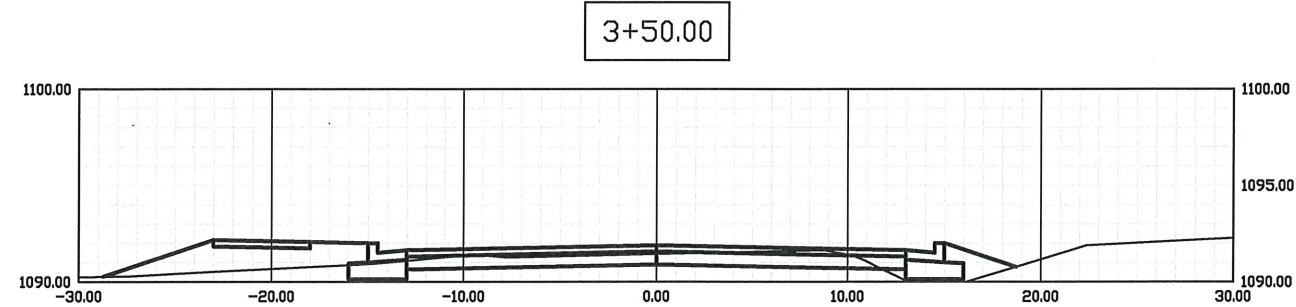


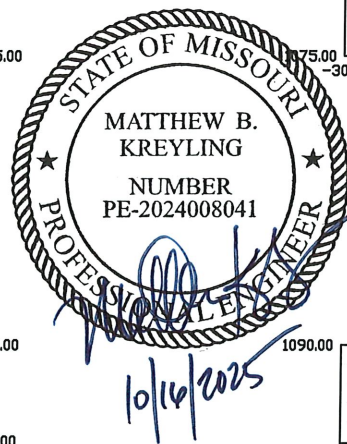
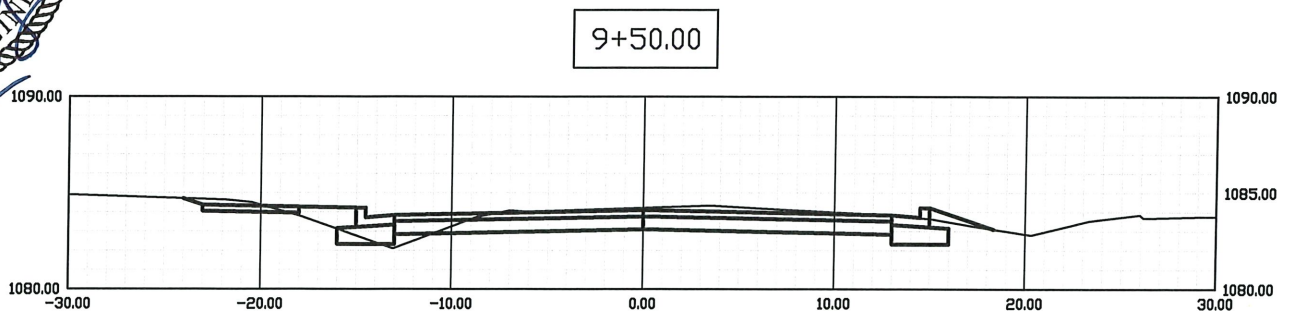
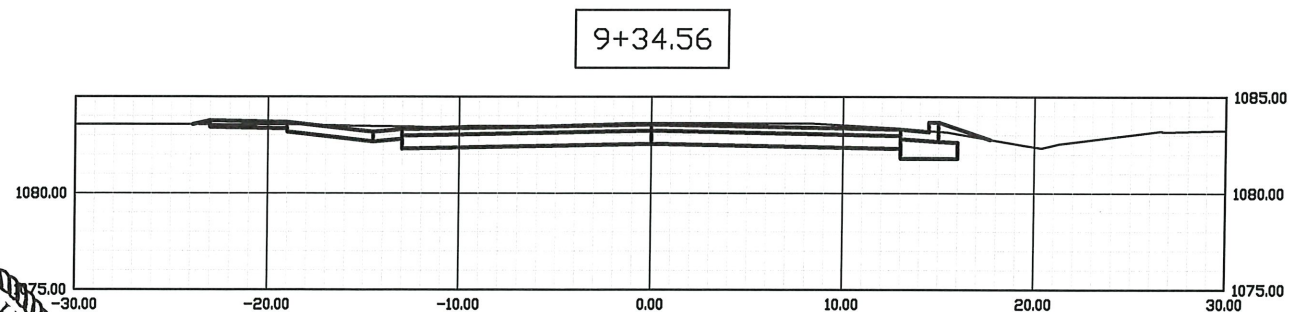
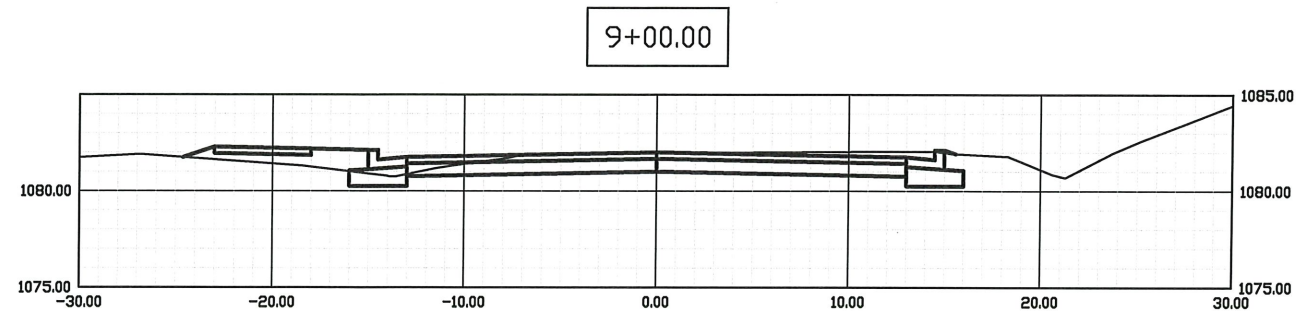
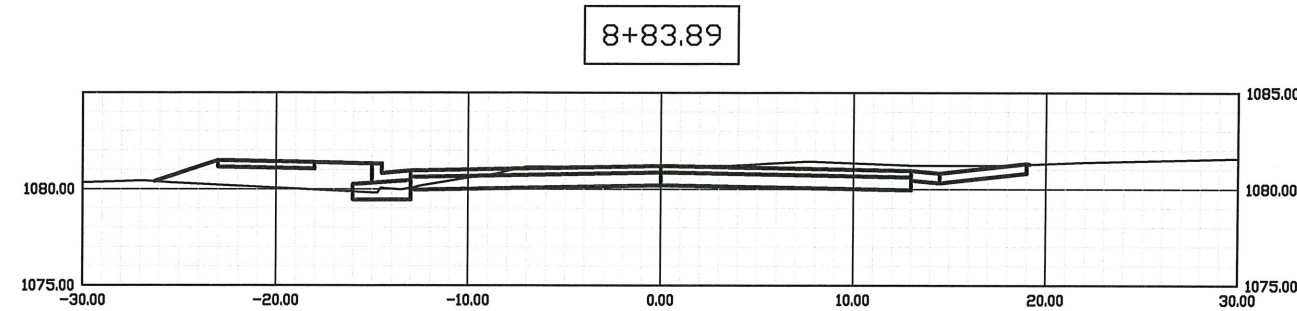
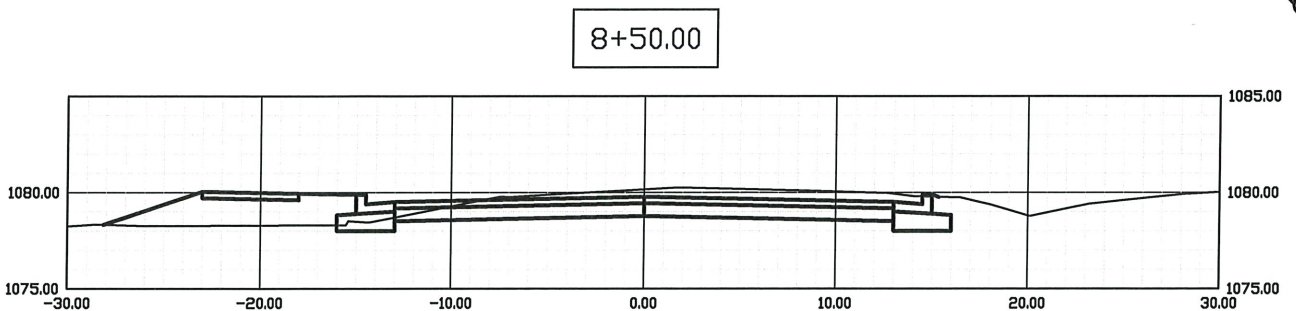
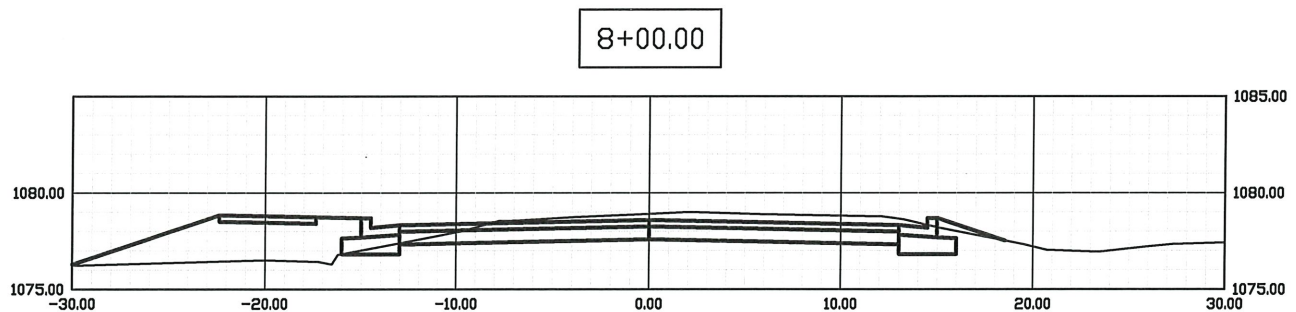
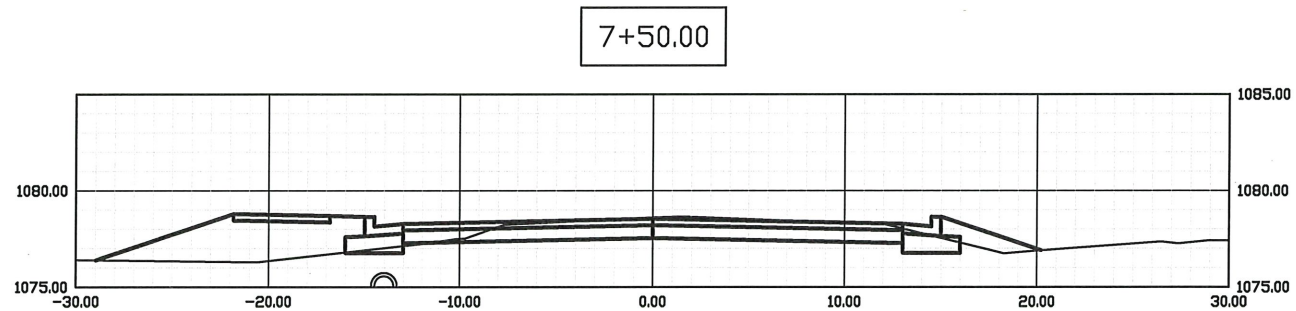
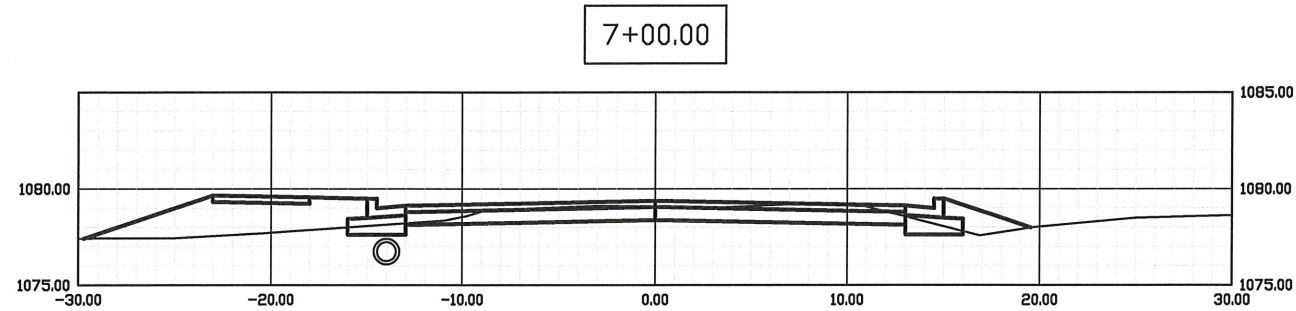
1 LITTLE OAKS ROAD SANITARY PLAN - Station 15+00 to Station 20+00
 Scale: 1" = 40'

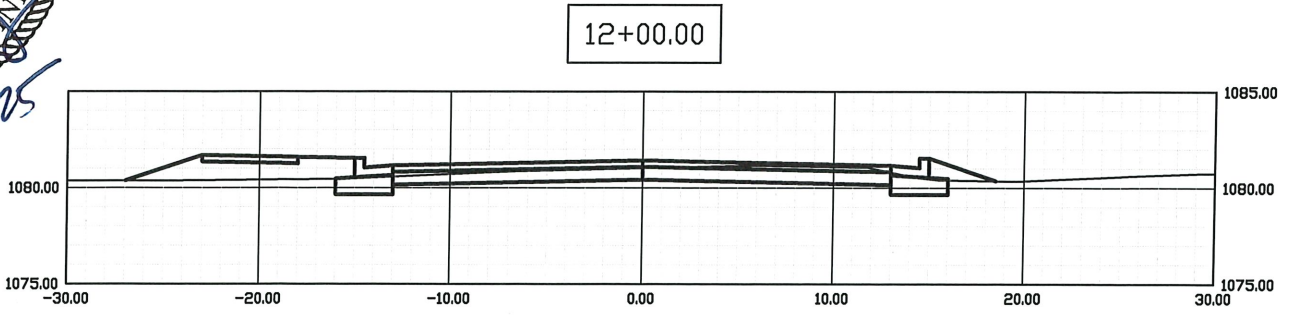
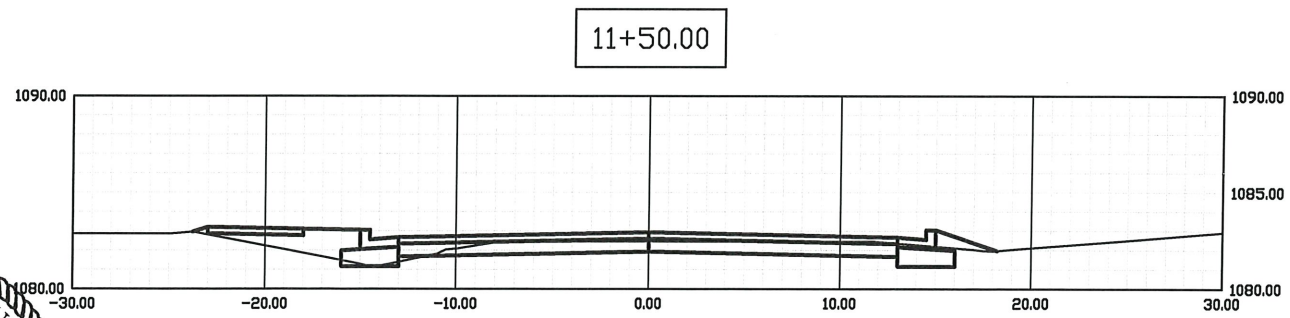
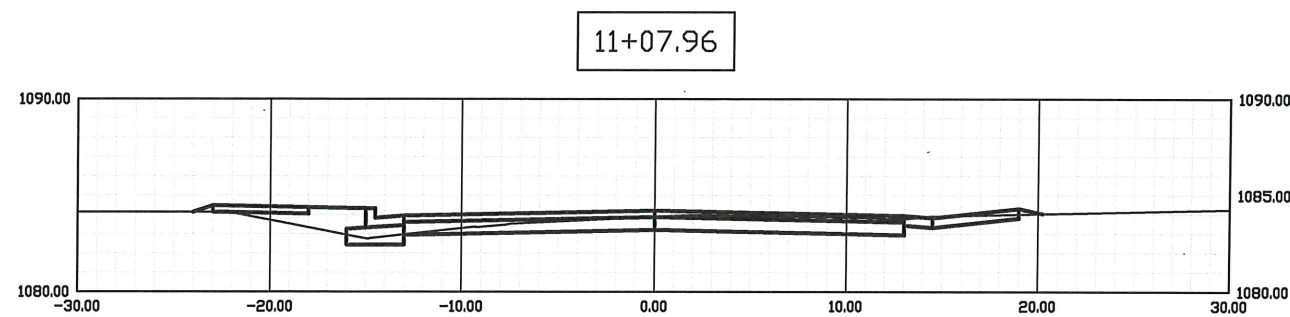
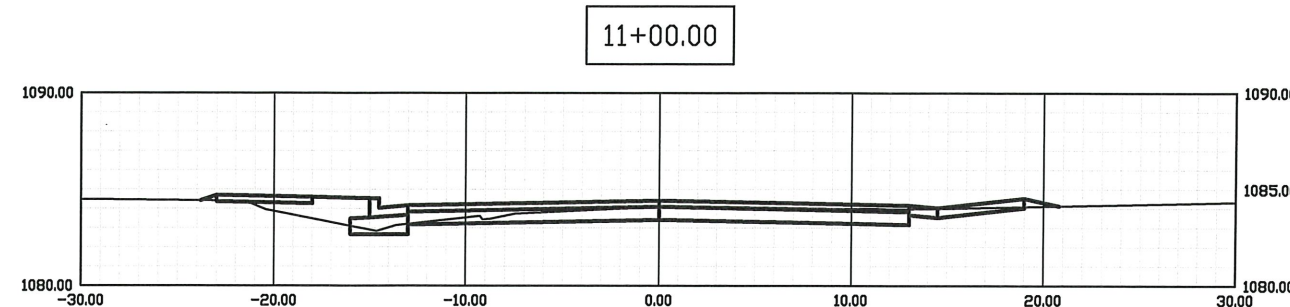
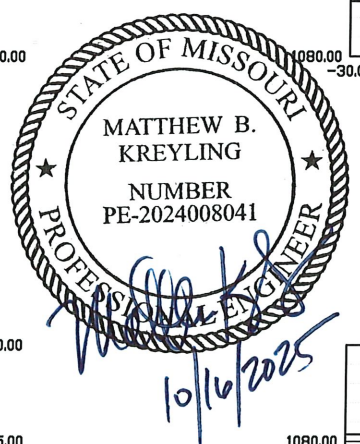
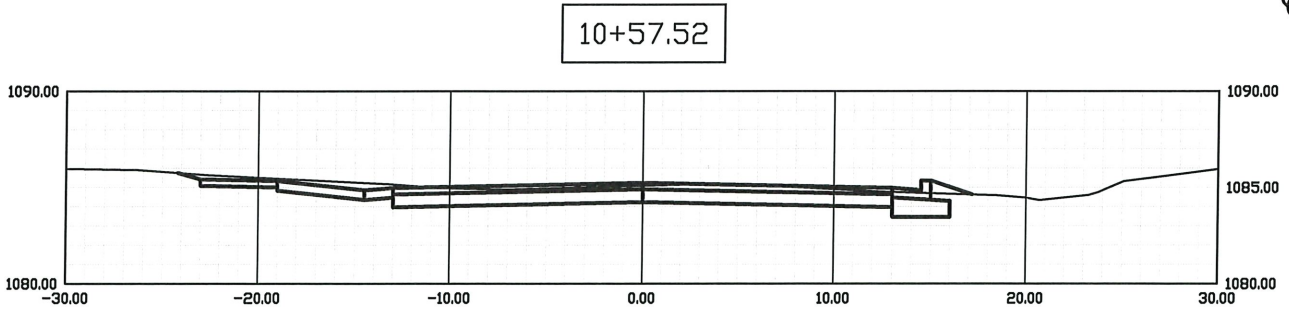
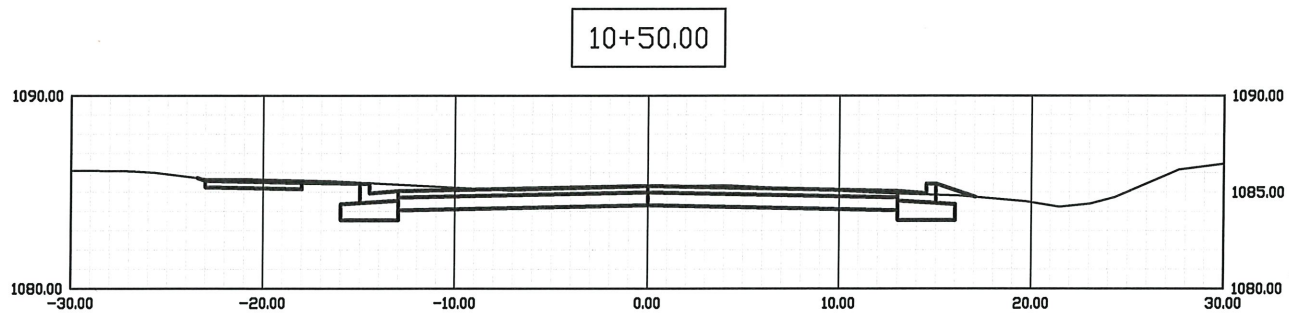
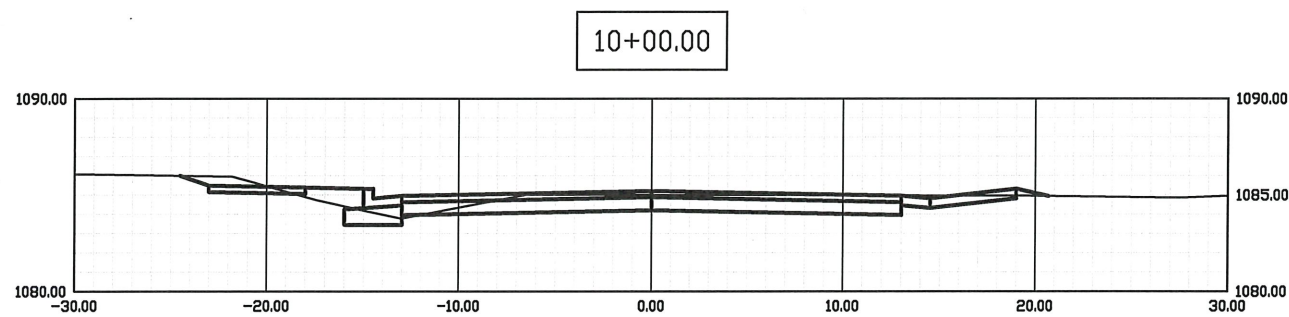
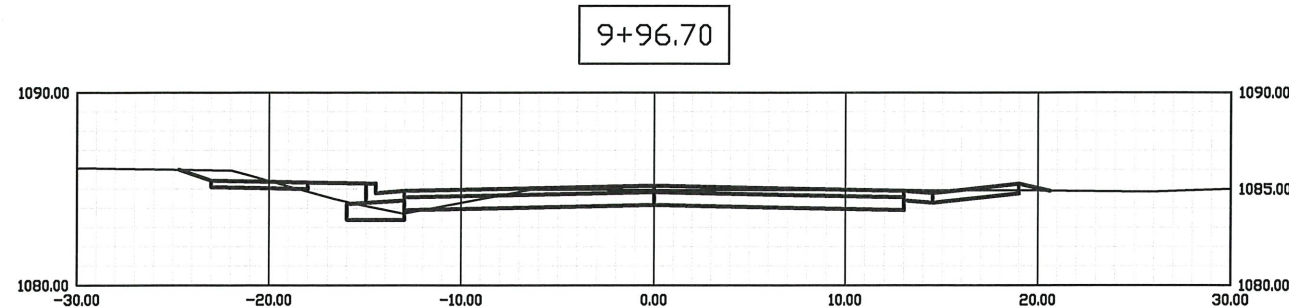


2 LITTLE OAKS ROAD SANITARY PROFILE - Station 15+00 to Station 20+00
 Scale: 1" = 40' H
 1" = 20' V



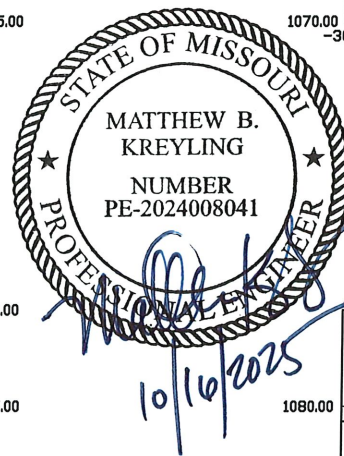
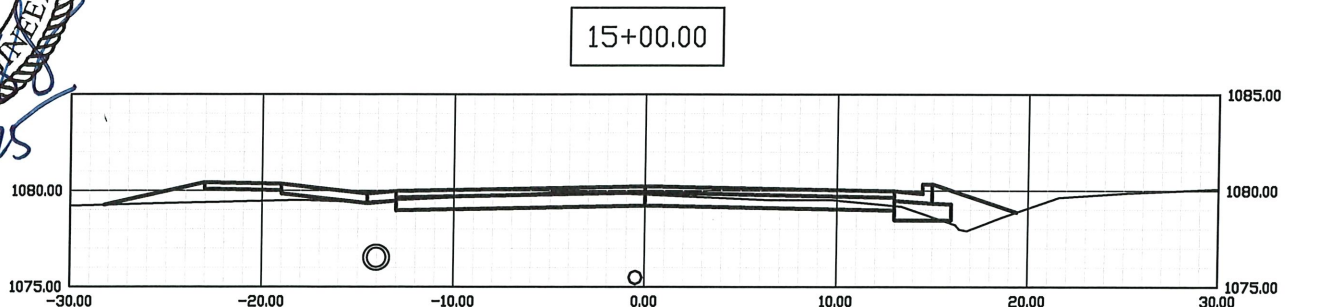
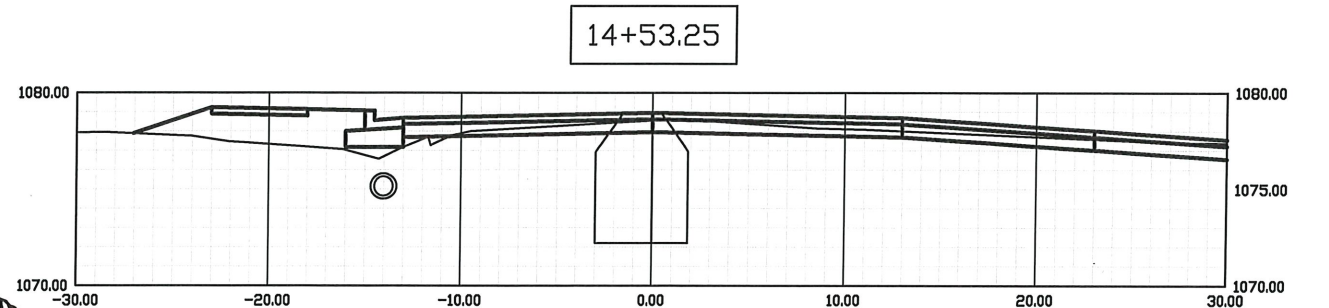
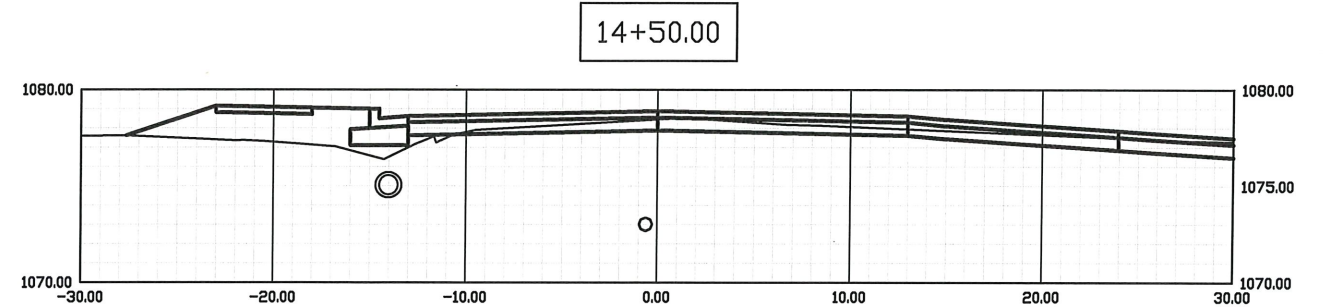
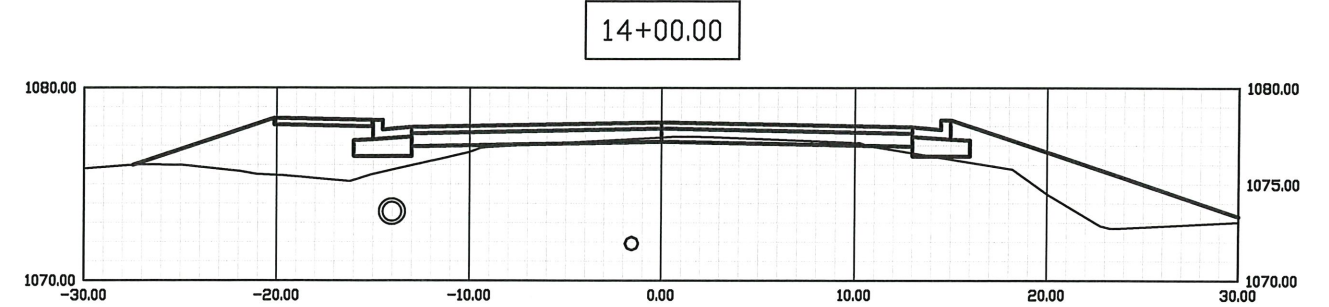
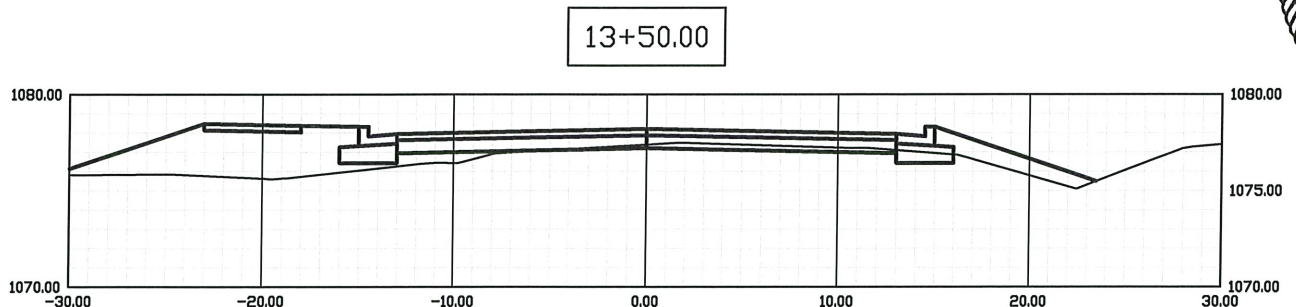
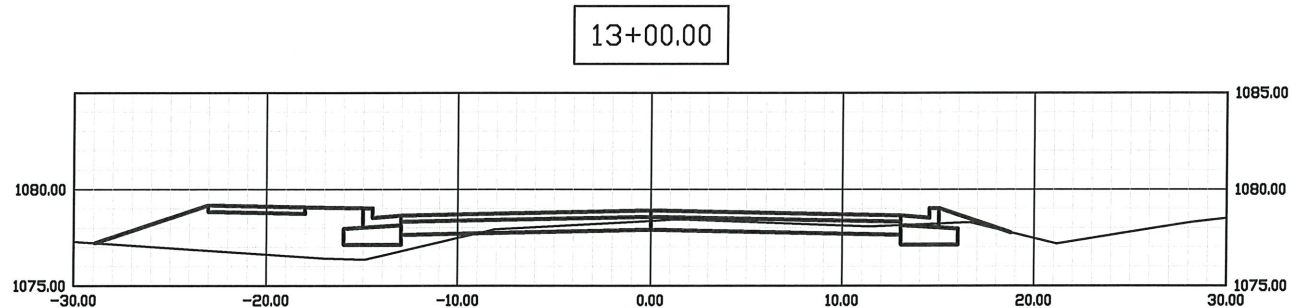
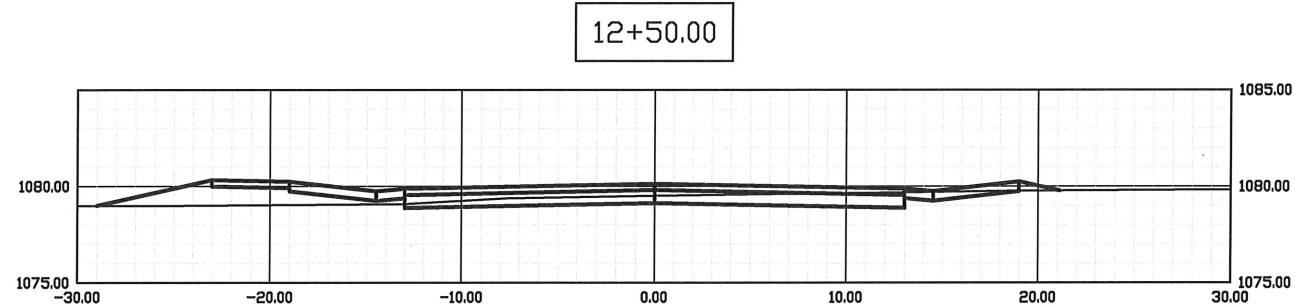
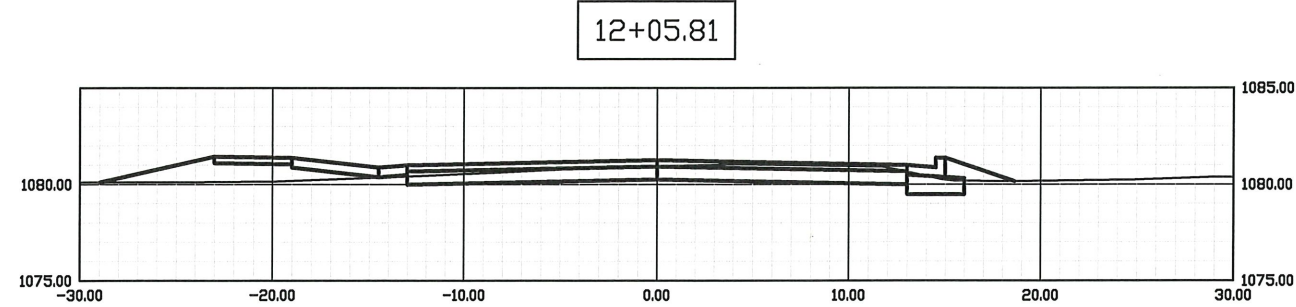


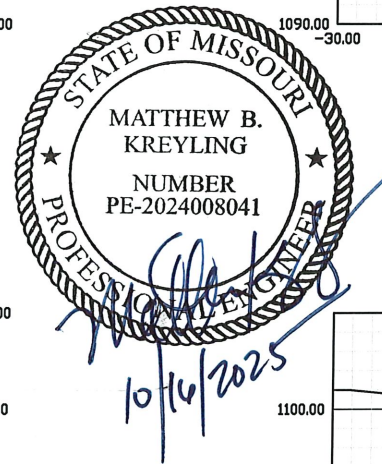
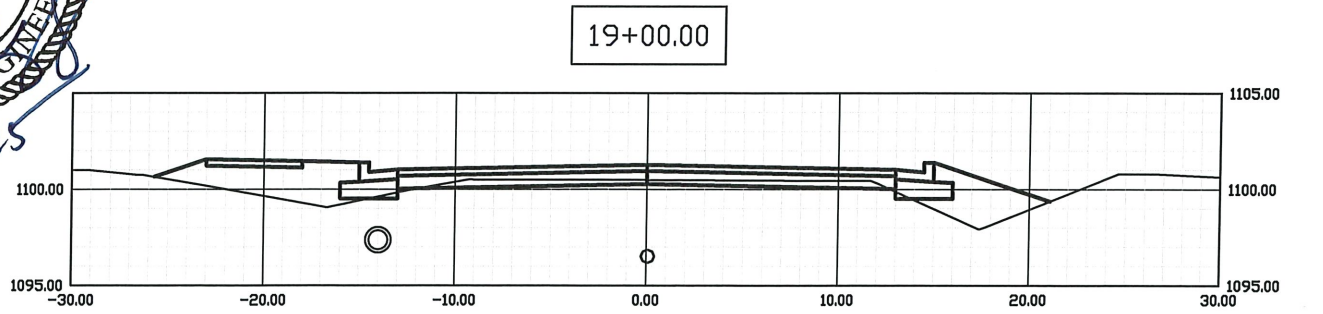
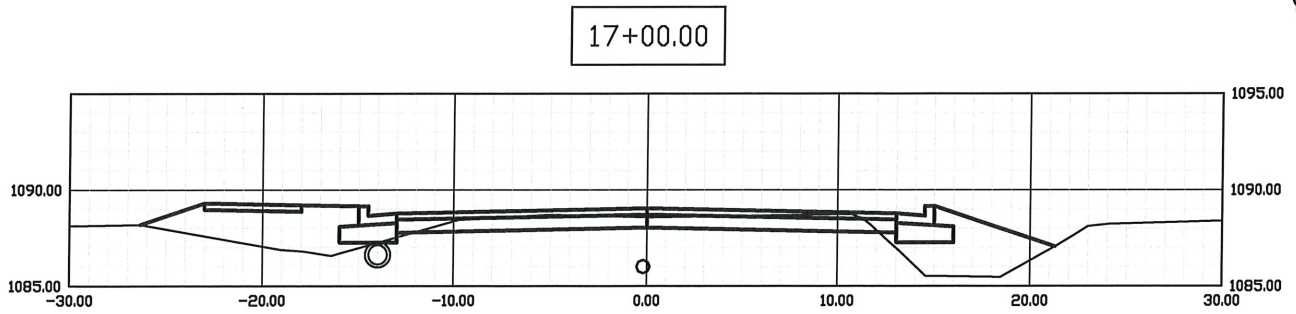
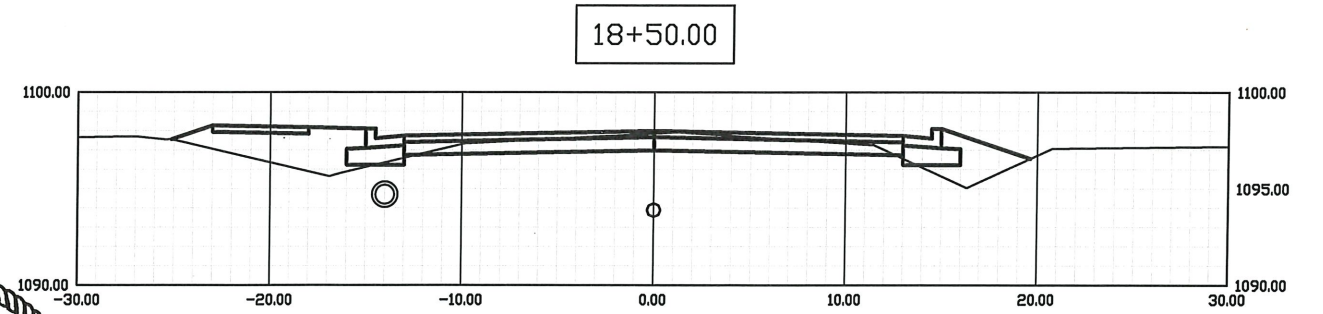
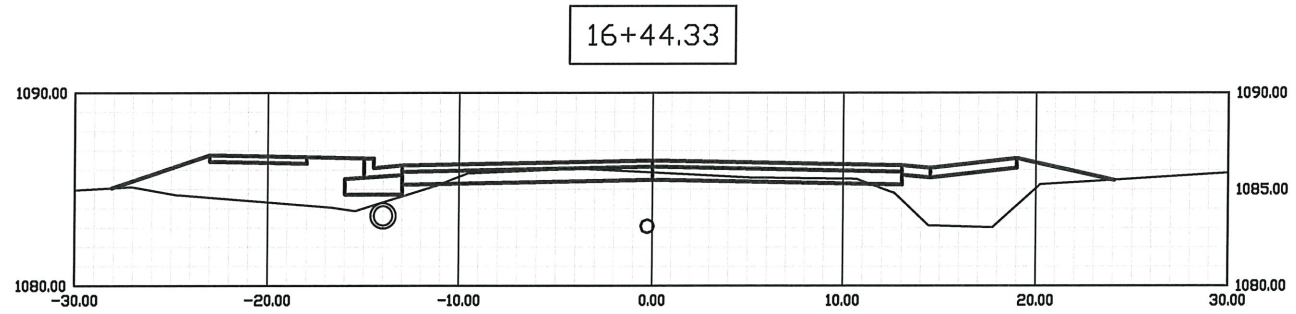
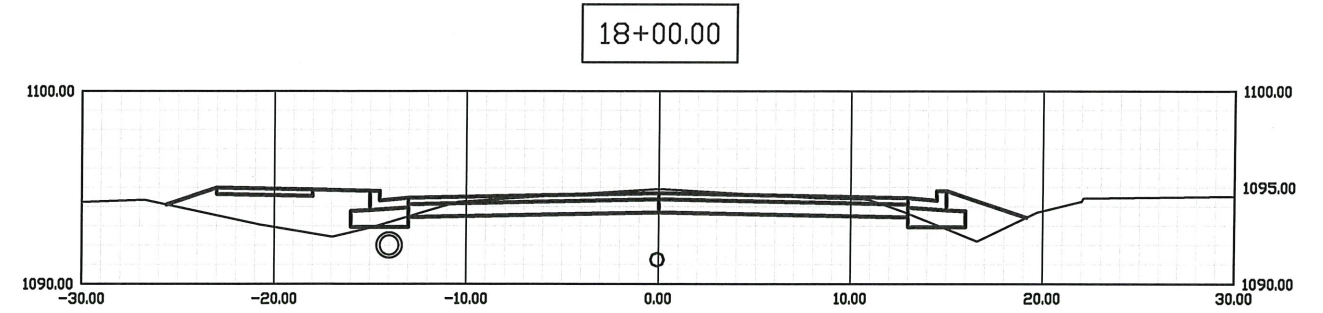
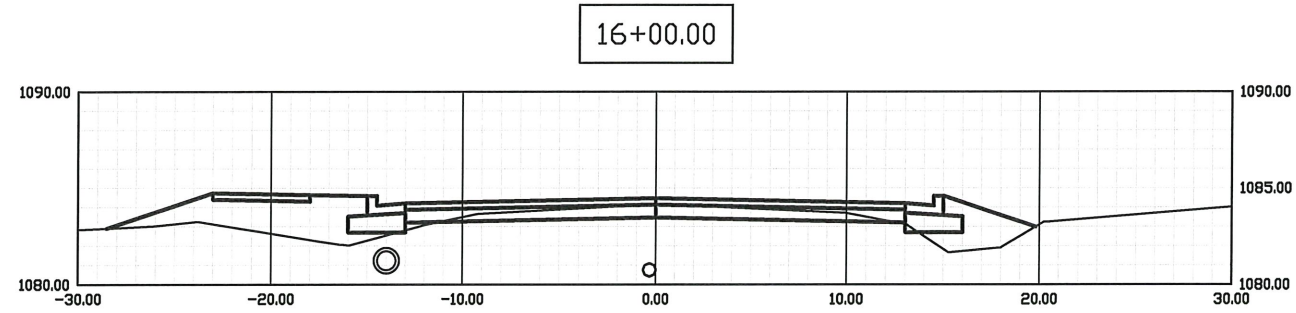
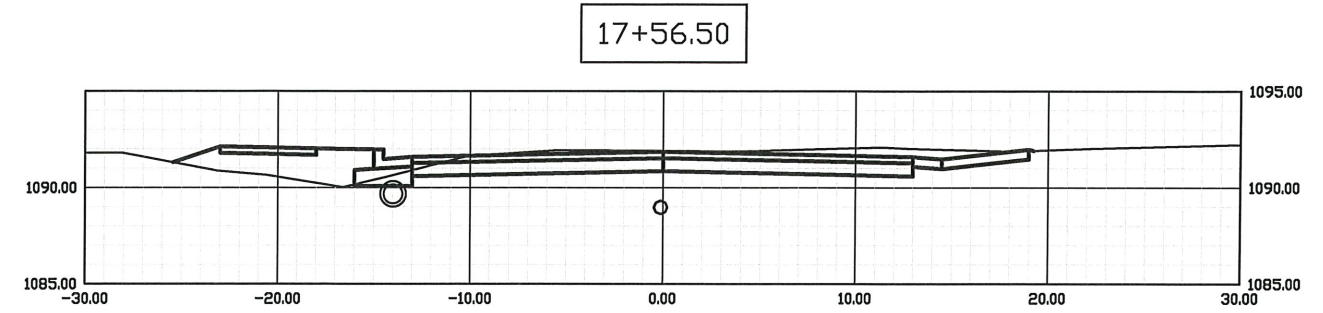
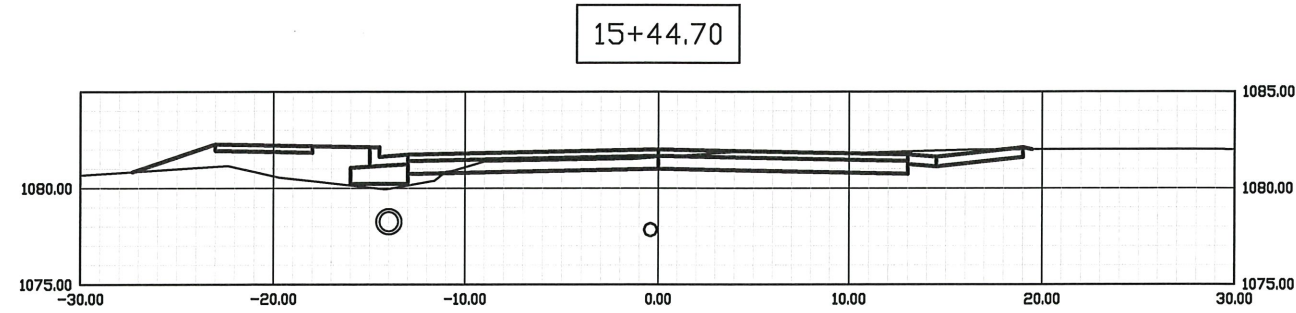


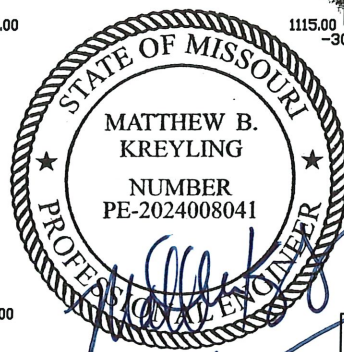
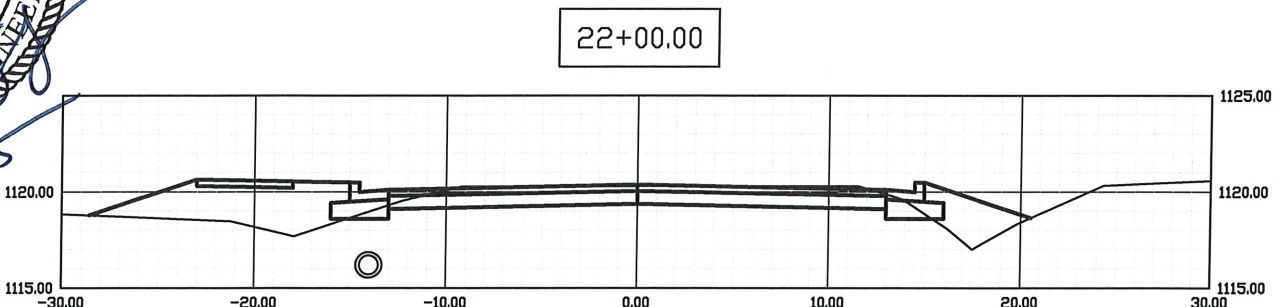
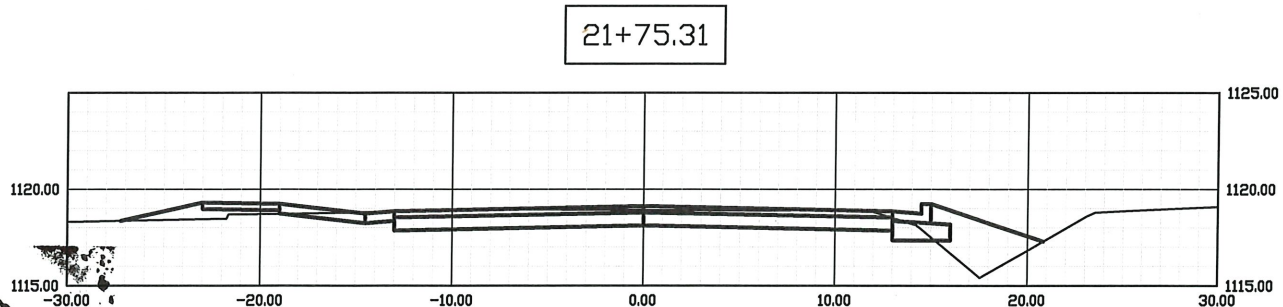
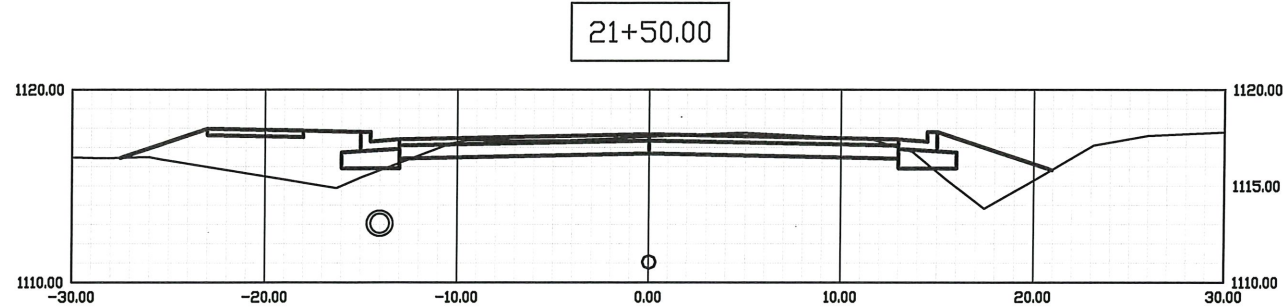
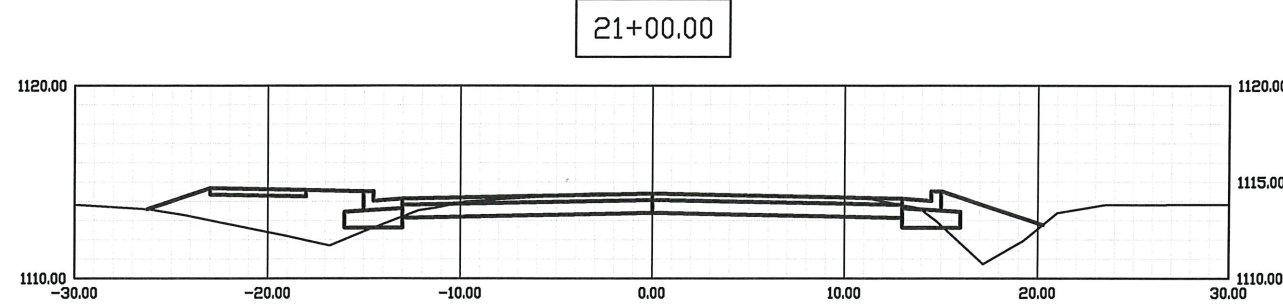
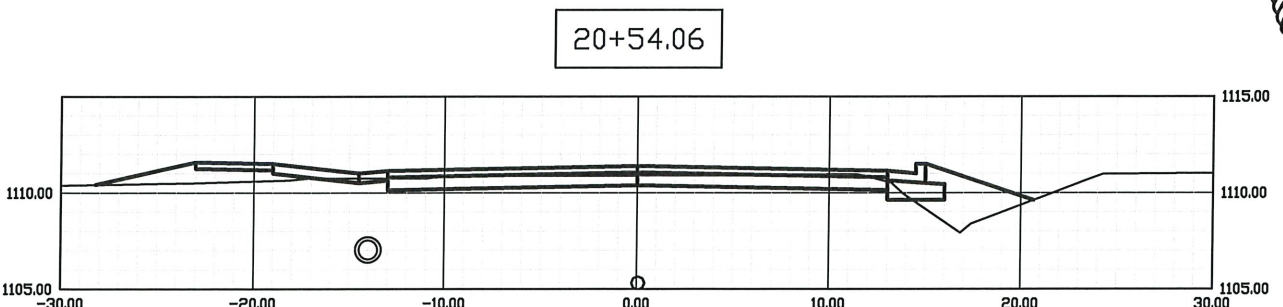
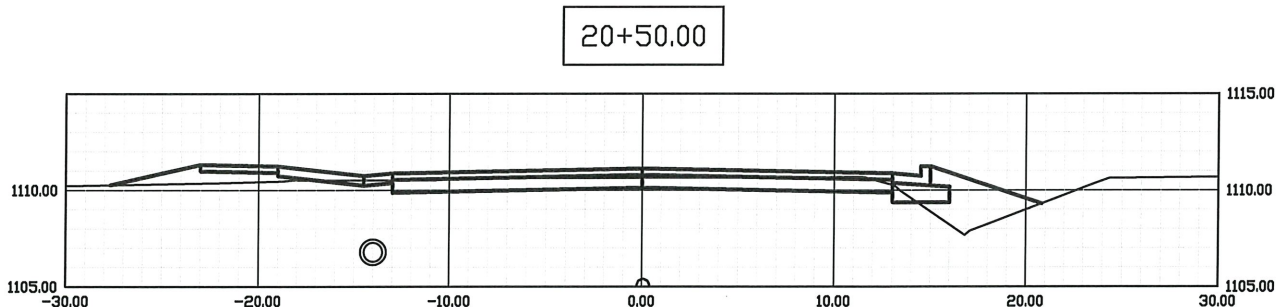
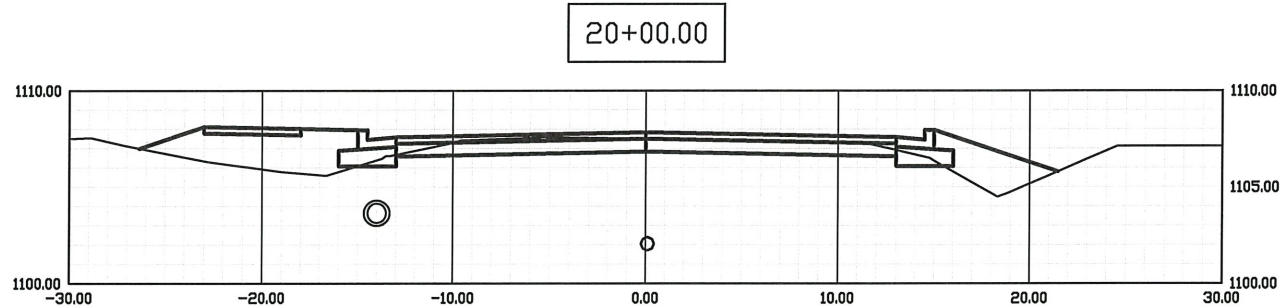
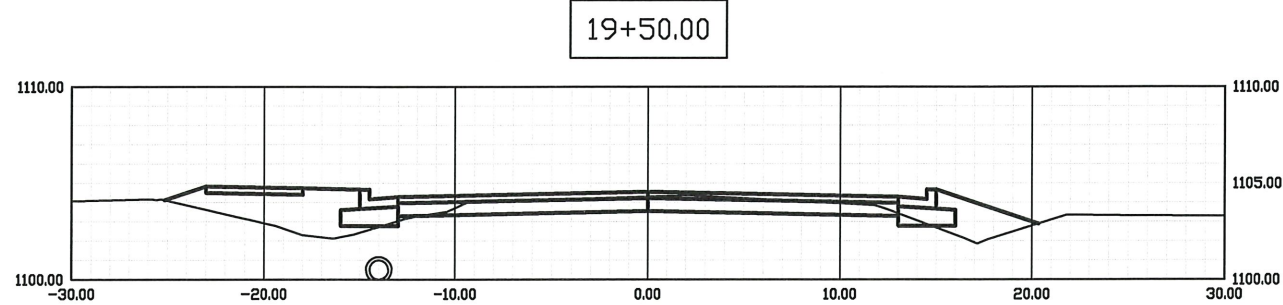


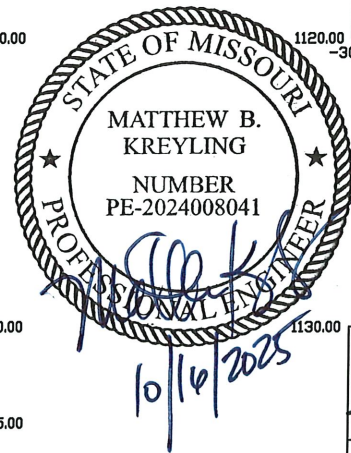
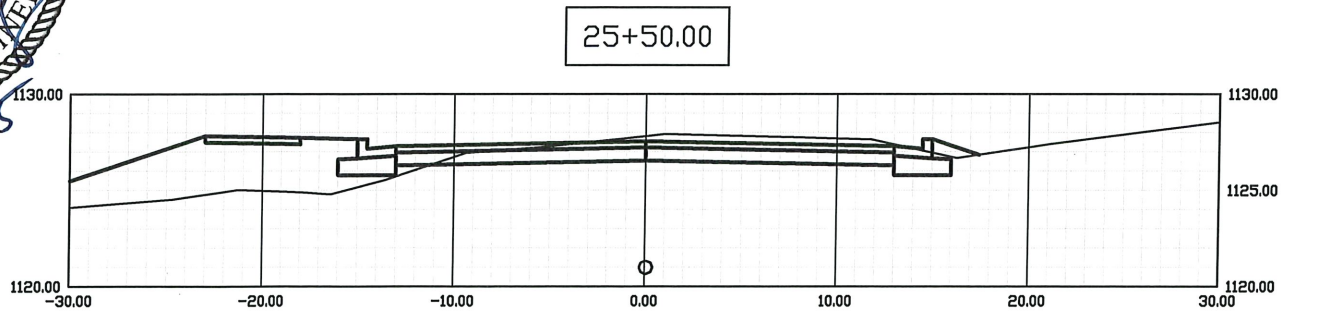
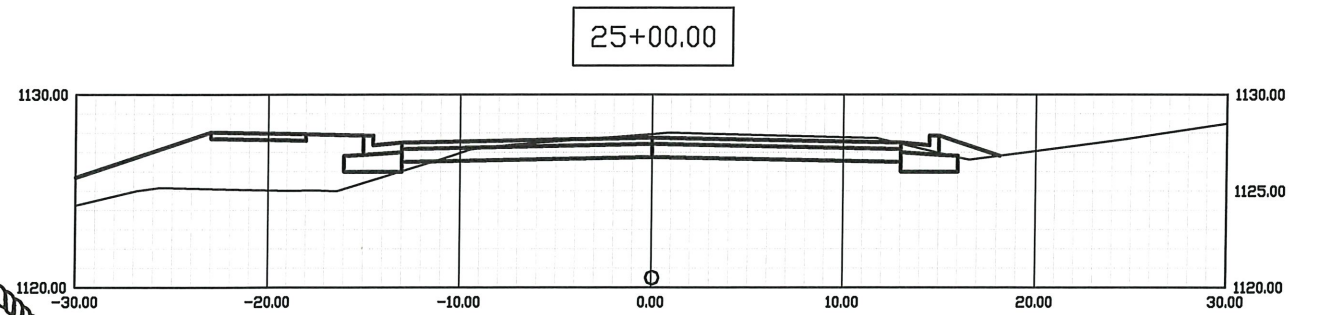
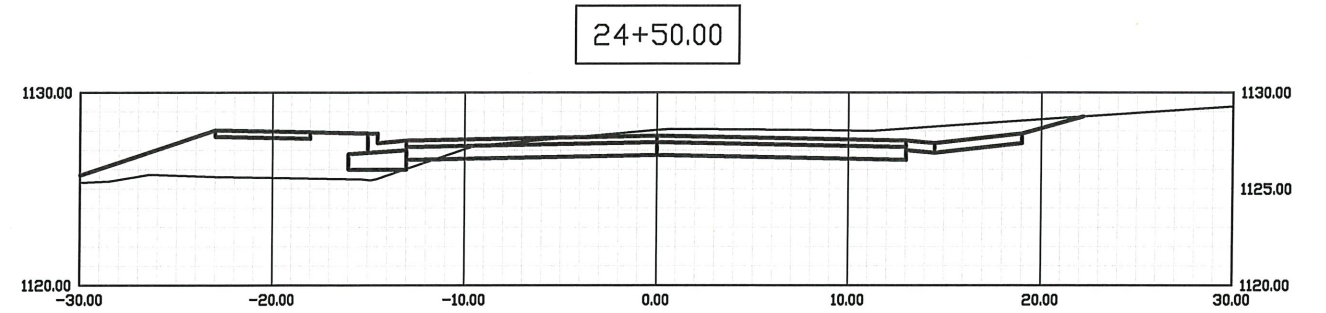
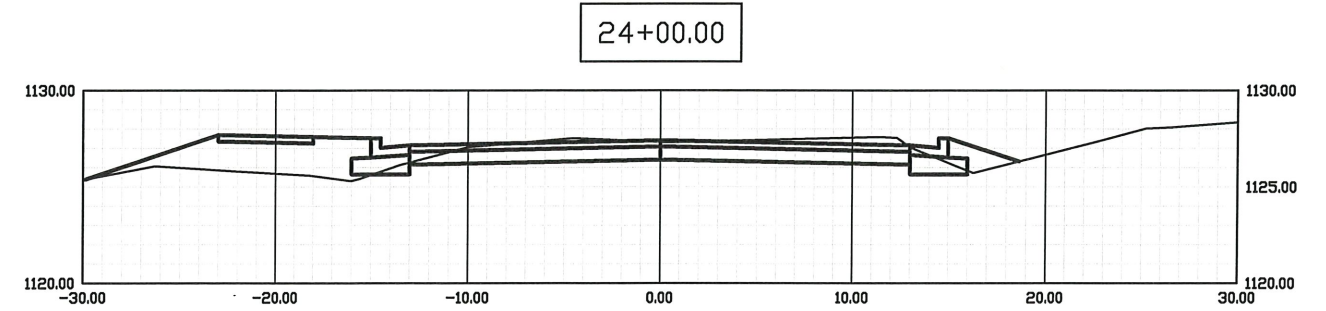
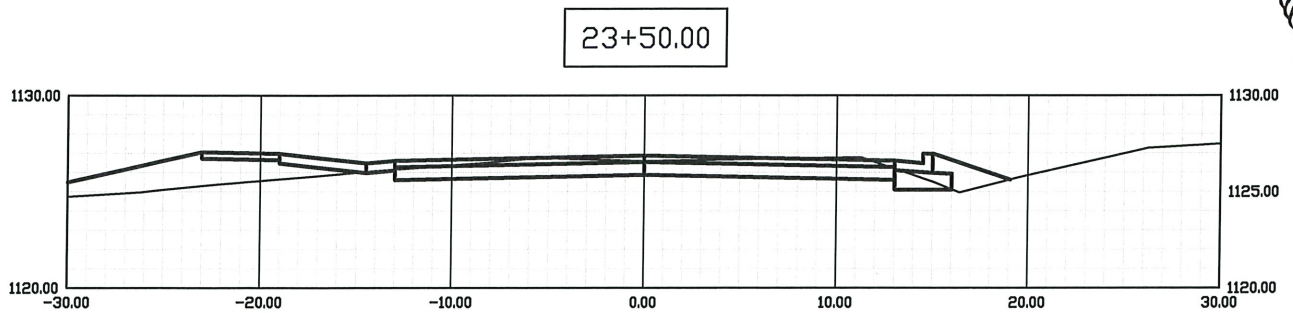
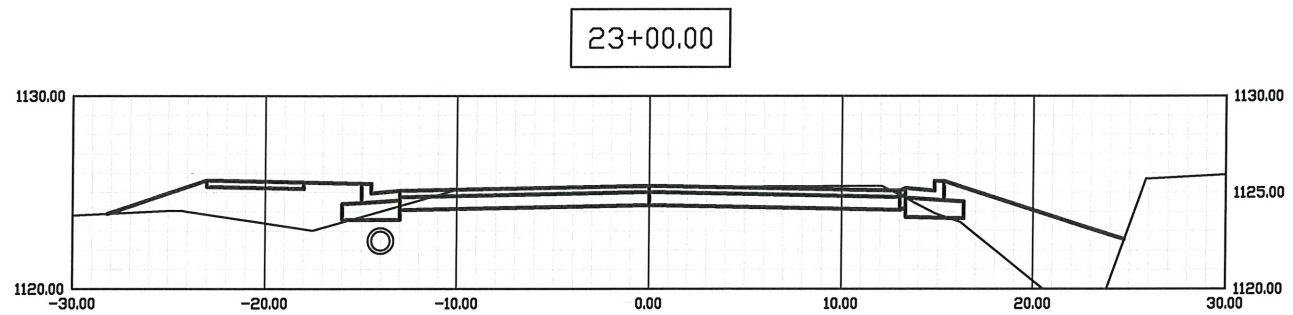
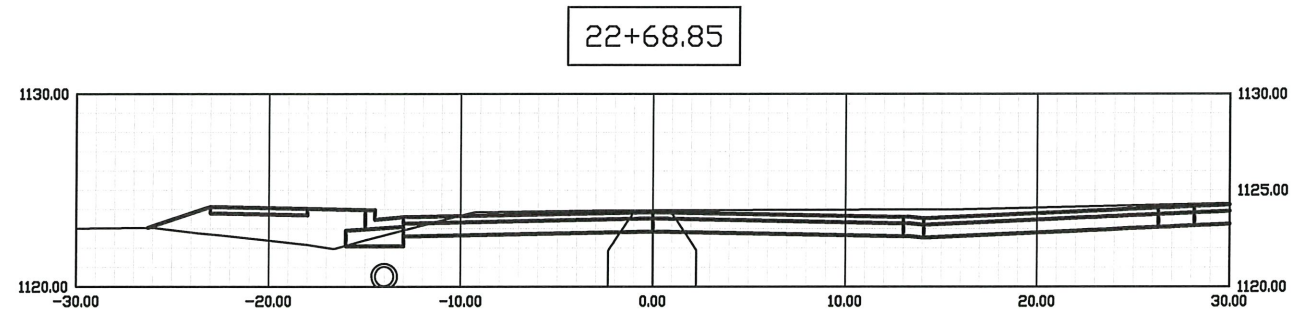
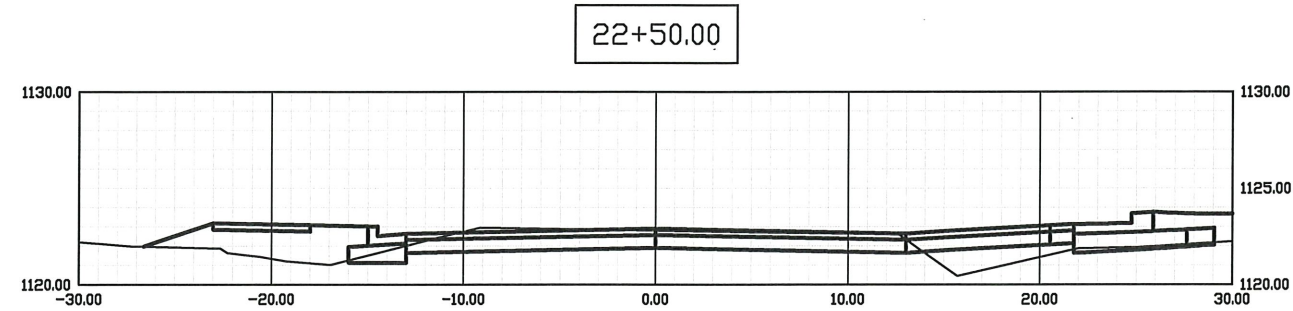
City of Rolla Department of Public Works 901 North Elm Street Phone: 573-364-8659 www.rollacity.org	Date: OCT. 2025 Scale: AS SHOWN Proj. No.: 449
	Designed: CAF Drawn: CAF Checked: MBK

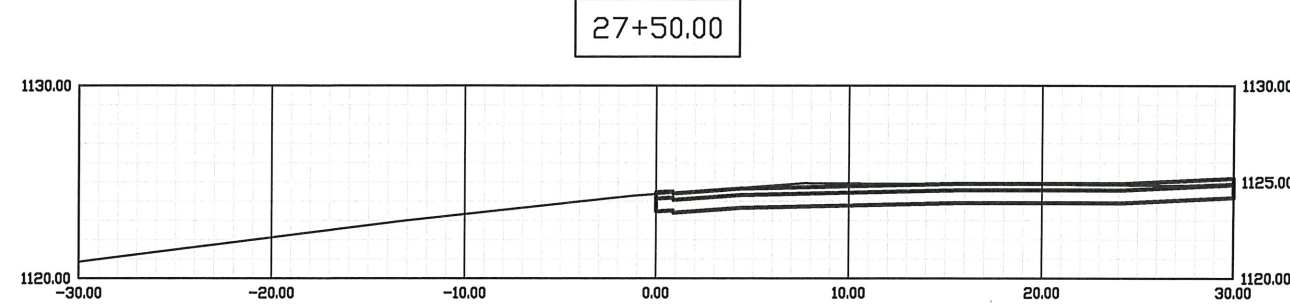
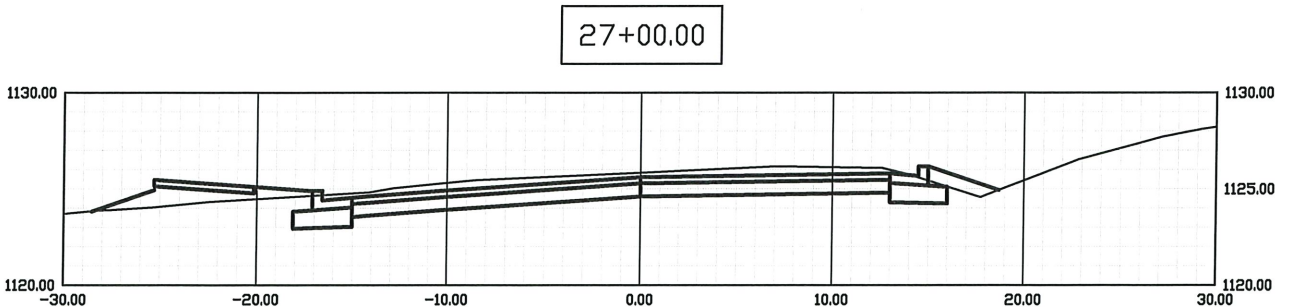
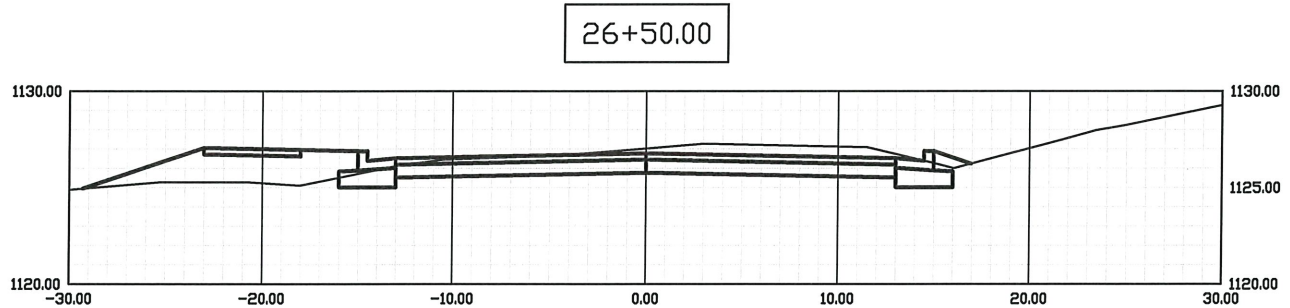
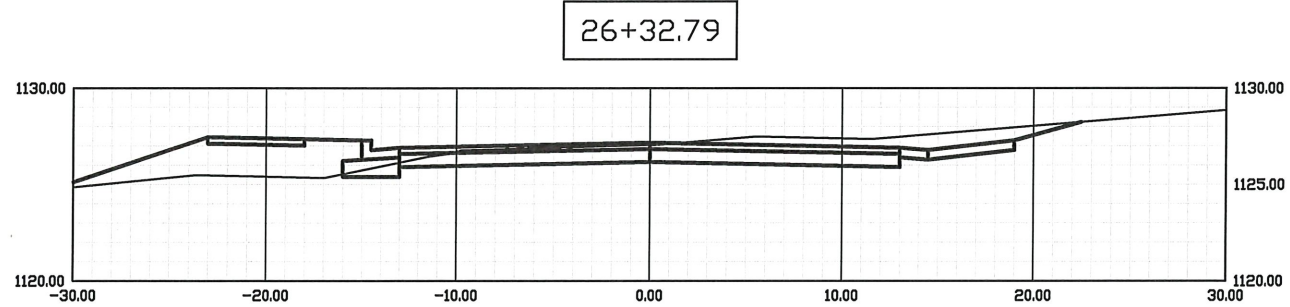
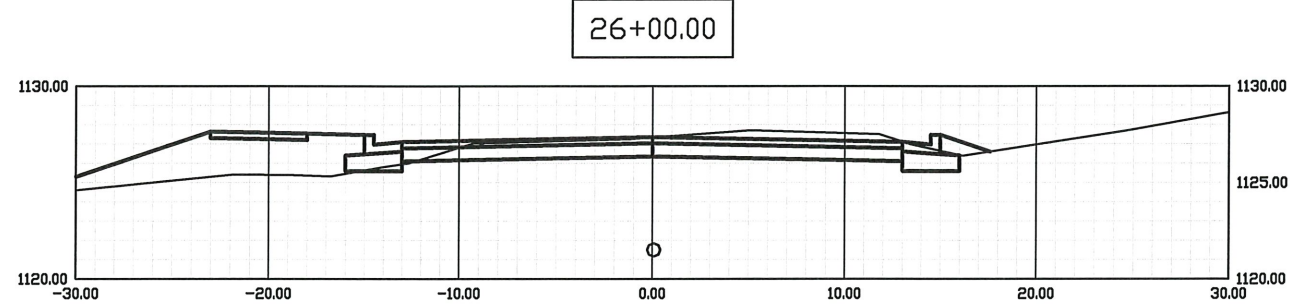
PROJ 449 - LITTLE OAKS ROAD IMPROVEMENTS City of Rolla Public Works Department Cross Sections - Sta 9+96.70 - Sta 12+00	Sheet No.: 21 of 28
---	---



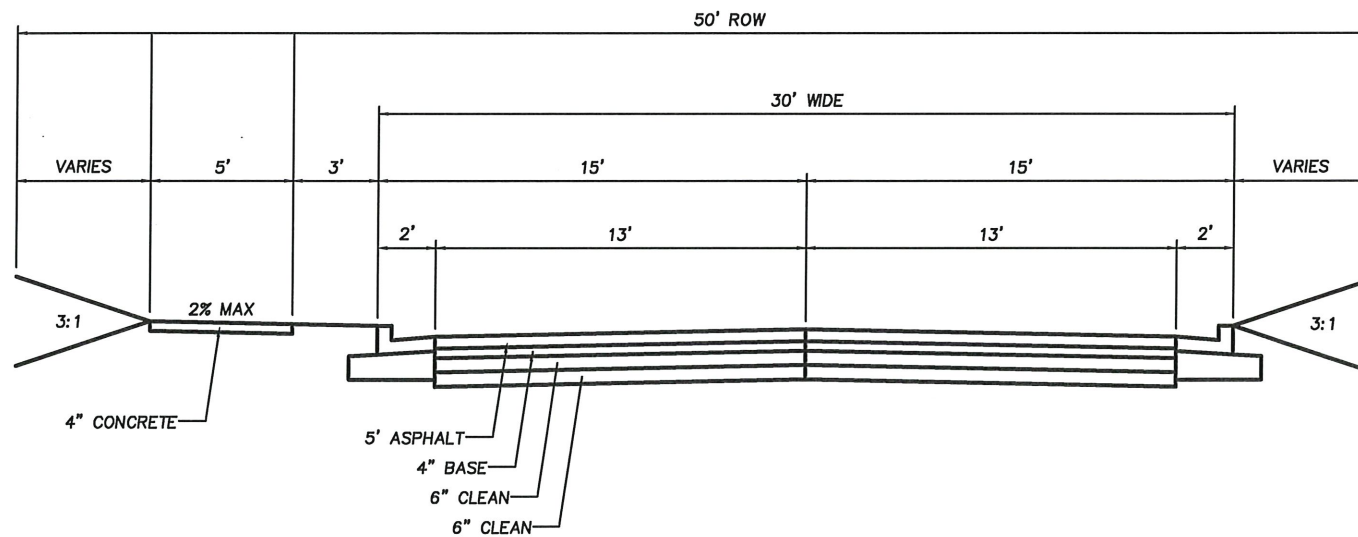




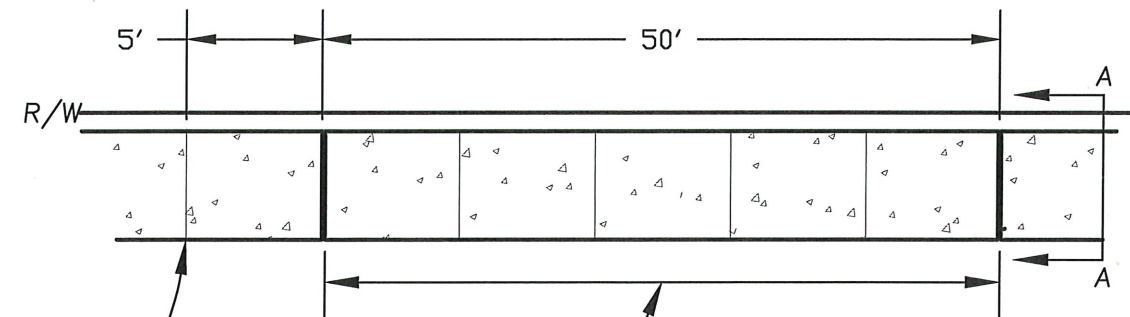




City of Rolla Department of Public Works 901 North Elm Street Phone: 573-364-8659 www.rollacity.org		City of Rolla Department of Public Works 901 North Elm Street Phone: 573-364-8659 www.rollacity.org		City of Rolla Department of Public Works 901 North Elm Street Phone: 573-364-8659 www.rollacity.org	
PROJ 449 - LITTLE OAKS ROAD IMPROVEMENTS	City of Rolla Public Works Department	Cross Sections - Sta 23+48.53 - Sta 26+00	Sheet No.:	26	26 of 28
Designed: CAF		Date: OCT. 2025		Rev.	
Drawn: CAF		Scale: AS SHOWN		Description	
Checked: MBK		Proj. No.: 449		Date	

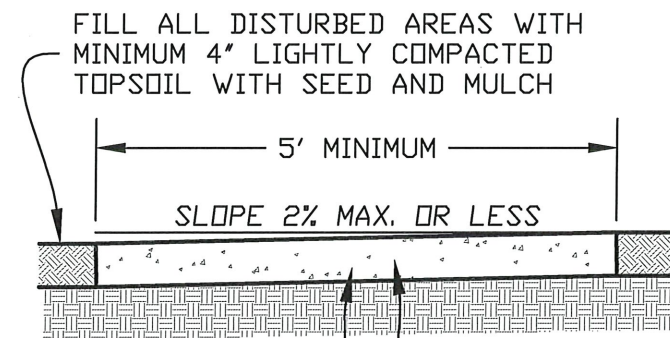


1 **DETAIL 1**
27 **TYPICAL SECTION AT ROADWAY IMPROVEMENT**
(not to scale)



EXPANSION JOINTS ARE TO BE SET EVERY 50'(MAX.) WITH $\frac{1}{2}$ " EXPANSION MATERIAL AND BE FLUSH WITH THE TOP OF THE WALK. EXPANSION MATERIAL SHALL BE SAME DEPTH AS SIDEWALK.

CONSTRUCTION JOINTS SHALL BE PLACED EVERY 5', SAWCUT 1" DEEP PRIOR TO CRACKING.



SIDEWALK CROSS SLOPE SHALL BE 2.00% MAX. OR LESS TOWARD ROADWAY UNLESS OTHER APPROVED BY DEPT OF PUBLIC WORKS. SLOPE MUST ALLOW FOR APPROPRIATE DRAINAGE.

SIDEWALK SHALL BE 4" THICK

SECTION A-A

NOTES:

- 6 BAG CONCRETE MIX (4,000 PSI) SHALL BE USED ON ALL SIDEWALK.
- COLD WEATHER CONCRETE PROCEDURE MUST BE APPROVED BY CITY ENGINEER.
- ALL FILL UNDER SIDEWALK SHALL BE TO 95% COMPACTION NONORGANIC MATERIAL APPROVED BY DEPARTMENT OF PUBLIC WORKS.
- WHEN CROSSING THE WIDTH OF A DRIVEWAY, SIDEWALK SHALL BE 6" THICK CONCRETE WITH 6" OF 1" CLEAN ROCK UNDERNEATH.
- CONCRETE TO HAVE LIGHT BRUSH FINISH AND 1/4" R EDGE ON EXPOSED CORNERS.

2 **STANDARD 204**
27 **CONCRETE SIDEWALK STANDARD**
(not to scale)



