701 East Broadway, Columbia, Missouri 65201



Agenda Item Number: <u>B 332-14</u> Department Source: Public Works To: City Council From: City Manager & Staff Council Meeting Date: November 3, 2014 Re: Bid Call and Acquisition of Easements for the Forum Boulevard Pedestrian Bridge Project

Documents Included With This Agenda Item

Council memo, Resolution/Ordinance **Supporting documentation includes:** Maps, Plats and Plans

Executive Summary

Authorizing a bid call through the Purchasing division, and the acquisition of easements, for the construction of improvements to the Forum Boulevard Pedestrian Bridge project, as shown on the attached location map. The proposed project includes a 10-ft wide shared-use path from Katy Lane to a new pedestrian bridge across Hinkson Creek, providing direct connectivity to the MKT Trail and Forum Nature Area, and bicycle and pedestrian improvements south of the new bridge to Woodrail Avenue. A public hearing was held September 2, 2014.

Discussion

The Forum Pedestrian Bridge project, from Katy Lane to Woodrail Avenue, is part of the Nonmotorized Transportation Pilot Program (GetAbout Columbia). The proposed project includes a 10-ft wide shared-use path from Katy Lane to a new pedestrian bridge across Hinkson Creek, providing direct connectivity to the MKT Trail and Forum Nature Area, and bicycle and pedestrian improvements south of the new bridge to Woodrail Avenue. The existing vehicle bridge will be restriped to add a southbound left turn lane into the commercial property south of the bridge. The project includes approximately 3,550 lineal ft of shared-use facility, including a new pedestrian bridge over Hinkson Creek. The new bridge will be situated so as not to interfere with future improvements to Forum Boulevard, and will be designed to comply with current FEMA requirements.

An interested parties meeting was held in January 2014, and a public hearing was held September 2, 2014. Staff anticipates construction to begin in 2015.

Fiscal Impact

Short-Term Impact: The estimated total project cost is \$1,720,000 which includes engineering, right of way acquisition, and construction. Funds in the amount of \$1,033,499 have been transferred from the GetAbout project to the Forum Pedestrian Bridge project.

Long-Term Impact: Estimated annual cost for maintenance and repairs is \$3,000.



Vision, Strategic & Comprehensive Plan Impact

<u>Vision Impact:</u> Transportation <u>Strategic Plan Impact:</u> Health, Safety and Wellbeing, Infrastructure <u>Comprehensive Plan Impact:</u> Infrastructure, Mobility, Connectivity, and Accessibility, Livable & Sustainable Communities

Suggested Council Action

Authorizing a bid call through the Purchasing division, and the acquisition of easements, necessary to construct the Forum Boulevard Pedestrian Bridge Project.

Legislative History

09/02/14 (R 132-14) - Public Hearing for construction of a shared use path, pedestrian bridge and roadway improvements along Forum Boulevard, between Katy Lane and Woodrail Avenue. 01/23/14 – IP meeting

09/03/13 – (REP 134-13) Non-Motorized Transportation (Get About) Project Prioritization

06/17/13 - (R 115-13) authorizing engineering services agreement with Bartlett & West, for Forum

Blvd Pedestrian & Bicycle Trail Project & construction of a new pedestrian bridge over Hinkson Creek 10/25/12 – Parks & Recreation Commission presentation

10/23/12 - Environment & Energy Commission presentation

10/17/12 – Bicycle & Pedestrian Commission presentation

10/11/12 - Disabilities Commission presentation

10/01/12 – (REP 152-12) Additional Federal Grant Funding for Nonmotorized Transportation Projects 04/05/10 – (REP 5-10) Wilson's Total Fitness Center-Forum GetAbout Alternate Designs

Department Approved

City Manager Approved

Introduced by		
First Reading	Second Reading	
Ordinance No	Council Bill No	<u>B 332-14</u>

AN ORDINANCE

determining it is in the public interest to construct a shared use path, pedestrian bridge and roadway improvements along Forum Boulevard, between Katy Lane and Woodrail Avenue; approving and adopting plans and specifications; determining that the work shall be done by contract; calling for bids through the Purchasing Division; providing for payment for the improvement; authorizing the City Manager to obtain, execute and record all documents necessary for the improvement; providing for compliance with the prevailing wage law and state-mandated construction safety training; and fixing the time when this ordinance shall become effective.

WHEREAS, the City Council adopted a resolution declaring the necessity of constructing a shared use path, pedestrian bridge and roadway improvements along Forum Boulevard, between Katy Lane and Woodrail Avenue; and

WHEREAS, the notice of a public hearing on this project was published in a daily newspaper of general circulation in the city; and

WHEREAS, the City Council has held a public hearing on construction of the improvement.

NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF COLUMBIA, MISSOURI, AS FOLLOWS:

SECTION 1. The Council finds that the construction of a shared use path, pedestrian bridge and roadway improvements along Forum Boulevard, between Katy Lane and Woodrail Avenue, in accordance with City of Columbia Street and Storm Sewer Specifications and Standards, in the City of Columbia, Missouri, more specifically described as the Forum Boulevard Pedestrian Bridge Project, is necessary for the welfare and improvement of the city and that it is in the public interest that such improvements be made. This project includes:

• Constructing a 10-foot wide shared use path, a new pedestrian bridge across Hinkson Creek and on-street facility on the west side of Forum Boulevard, between Katy Lane and Hinkson Creek.

- Constructing bicycle and pedestrian improvements along the roadway shoulders south of the new pedestrian bridge to Woodrail Avenue.
- Constructing a connection to the east side of Forum Boulevard underneath the existing vehicle bridge.
- Restriping the existing vehicle bridge to add a southbound left turn lane into the commercial property south of the bridge.

SECTION 2. The plans and specifications for this improvement, as prepared by the Director of Public Works, are hereby approved and made a part of this ordinance by reference.

SECTION 3. The construction of the improvement shall be done by contract in accordance with the plans and specifications, the laws of the State of Missouri, and the Charter and Ordinances of the City of Columbia, Missouri.

SECTION 4. The Purchasing Agent is hereby authorized to call for bids and execute a contract for the improvement.

SECTION 5. Payment for this improvement shall be made from Non-Motorized Transportation Funds and such other funds as may be lawfully appropriated.

SECTION 6. The City Manager is authorized to obtain, execute and have recorded all licenses, easements, deeds and any other conveyances or instruments necessary for the City to complete this improvement.

SECTION 7. The contract for the improvement shall provide that not less than the prevailing hourly rate of wages, as found by the Department of Labor and Industrial Relations of Missouri, shall be paid to all workers performing work under the contract. The contractor's bond shall guarantee the faithful performance of the prevailing hourly wage clause in the contract. The City shall also cause to be inserted into the contract a stipulation that all laborers and mechanics employed by the contractor or subcontractors in the performance of work under the contract shall be paid wages at rates not less than those prevailing on similar construction in the locality as determined by the Secretary of Labor in accordance with the Davis-Bacon Act.

SECTION 8. The bid specifications and contract for the improvement shall provide that the contractor and any subcontractor shall provide a ten-hour Occupational Safety and Health Administration construction safety program (or a similar program approved by the Missouri Department of Labor and Industrial Relations) for all employees working on-site. All employees working on the site of the improvement are required to complete the safety program within 60 days of beginning work on the improvement project.

SECTION 9. This ordinance shall be in full force and effect from and after its passage.

PASSED this ______ day of ______, 2014.

ATTEST:

City Clerk

Mayor and Presiding Officer

APPROVED AS TO FORM:

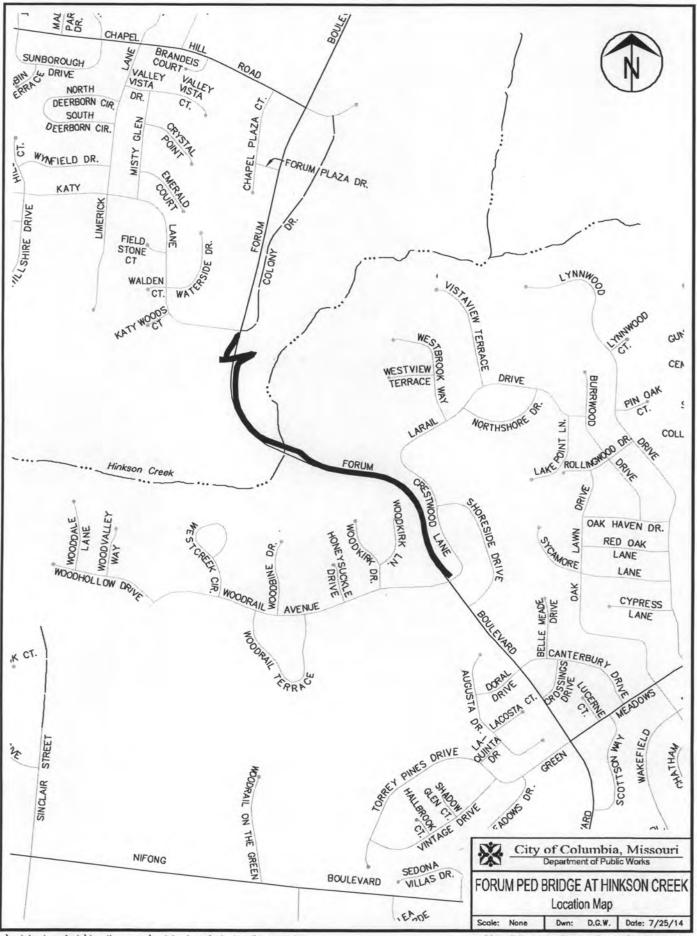
City Counselor



SUPPORTING DOCUMENTS INCLUDED WITH THIS AGENDA ITEM ARE AS FOLLOWS:

Maps, Plats and Plans





o:\getabout projects\location maps\getabout projects location map.dwg

2011 Orthophoto Source: Boone County Assessor

CITY OF COLUMBIA, MISSOURI **DEPARTMENT OF PUBLIC WORKS**

City of Po COMPROND MISSOURI

FORUM BOULEVARD TRAIL PROJECT MKT TRAIL TO WOODRAIL AVENUE

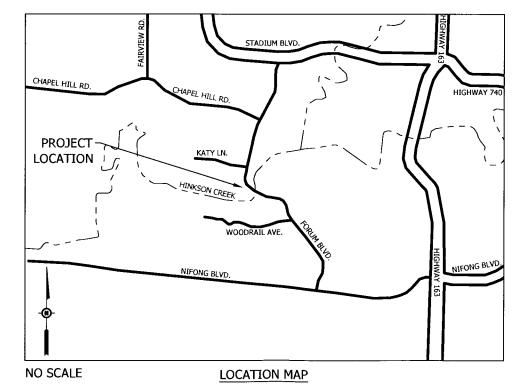
LEGEND		
₿	BILLBOARD	
\$	BORE HOLE or DRILL HOLE	
æk.	LANDSCAPE BOULDER	
Q.	WELL	
0—	FLAG POLE	
ŧ	SATELLITE DISH	
o	POST	
en e	MAILBOX	
00	TWO POLE SIGN	
- 0 -	ONE POLE SIGN	
0	PARKING METER	
S	STOP SIGN	
®	GAS REGULATOR	
6	GAS RISER	
đ	GAS TEST STATION	
©	GAS METER	
G	GAS VALVE	
¢	UTILITY POLE	
0-	GUY POLE	
€	GUY ANCHOR	
Π	TELEPHONE PEDESTAL	
\circ	TELEPHONE MANHOLE	
C	CABLE TV PEDESTAL	
0	ELECTRIC MANHOLE	
©	ELECTRIC METER	
E	TRANSFORMER/ELECTRIC PAD	
8	AIR CONDITIONER	
Ð	HAND HOLE	
0→	TRAFFIC SIGNAL	
۲	TRAFFIC SIGNAL BOX	
0	SIGNAL MANHOLE	
0	STORM MANHOLE	

AREA INI ET

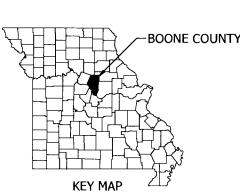
8	ROOF DRAIN
H	CURB INLET
0	SANITARY MANHOLE
000	CLEANOUT
0	YARD HYDRANT
8	WATER SPRINKLER
0	WATER MANHOLE
•	WATER METER
8	WATER VALVE
v	FIRE HYDRANT
₩	LIGHT
4	FLOOD LIGHT
	LUMINARY (STREET LIGHT)
0	MANHOLE COVER
ĺ <u>₩</u>	MISCELLANEOUS TOPO ITEM
۲	FINISH FLOOR
0	MIN. DPENING ELEV.
凤	STUMP
0	SHRUB
\odot	DECIDUOUS TREE
0	EVERGREEN SHRUB
	EVERGREEN TREE
T	
VEY MONU	MENTATION
₽ ^{BM}	BENCHMARK
⊠ [°] BM	TEMPORARY BENCHMARK
\boxtimes	R/W MARKER
o	FOUND SURVEY MONUMENT
٠	SET SURVEY MONUMENT
	SET SURVEY MONUMENT IN CONCRETE
0	CALCULATED SURVEY POINT
+	CHISELED CROSS FOUND

CHISFLED CROSS SET

RIGHT OF WAY PLANS OCTOBER 2014 PROJECT NO. CPP 9999(516)







BAR IS ONE INCH ON OFFICIAL DRAWINGS. 0 11 IF NOT ONE INCH, ADJUST SCALE ACCORDINGL

UTILITY CONTACTS

WATER CITY OF COLUMBIA P.O. BOX 6015 WATER & LIGHT DEPARTMENT COLUMBIA, MO 65205 573-874-7325

ELECTRIC CITY OF COLUMBIA P.O. BOX 6015 WATER & LIGHT DEPARTMENT COLUMBIA, MO 65205 573-874-7325

SANITARY SEWER CITY OF COLUMBIA P.O. BOX 601S WATER & LIGHT DEPARTMENT SOLUMINA MO CEDE COLUMBIA, MO 65205 573-874-7325

TELEPHONE CENTURY LINK 625 CHERRY STREET COLUMBIA, MO 65205 573-886-3500

NATURAL GAS AMEREN MISSOURI 2001 MCGUIRE BLVD. COLUMBIA, MO 65201 573-876-3030

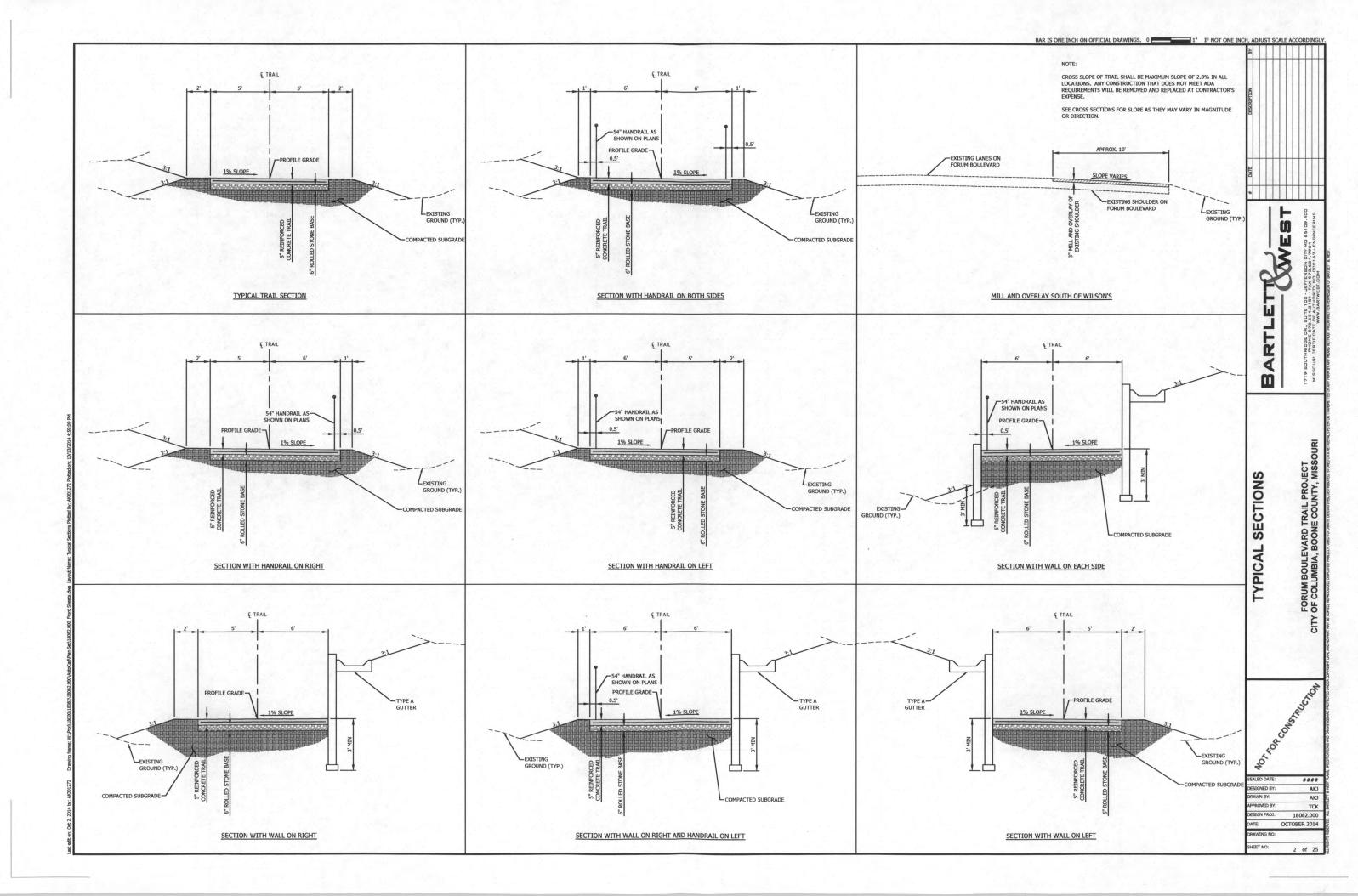
LOCATES MISSOURI ONE CALL, INC. 1022 B NORTHEAST DRIVE JEFFERSON CITY, MO 65109 1-800-334-7483

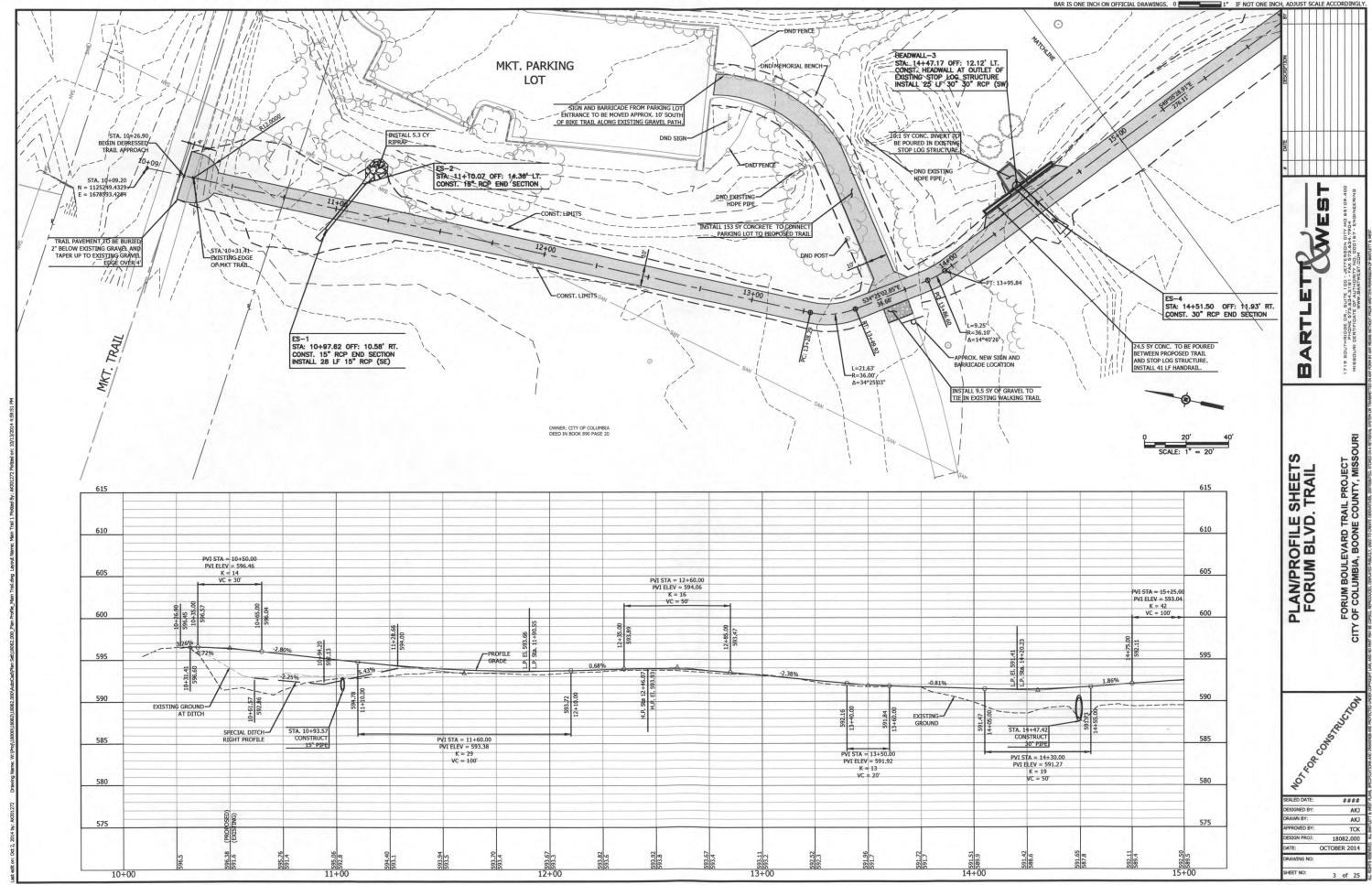
SHEET INDEX

1	COVER SHEET
2	TYPICAL SECTIONS
3-9	PLAN/PROFILE SHEETS
10	PIPE PROFILES
11	BRIDGE DETAILS
12-25	CROSS SECTIONS

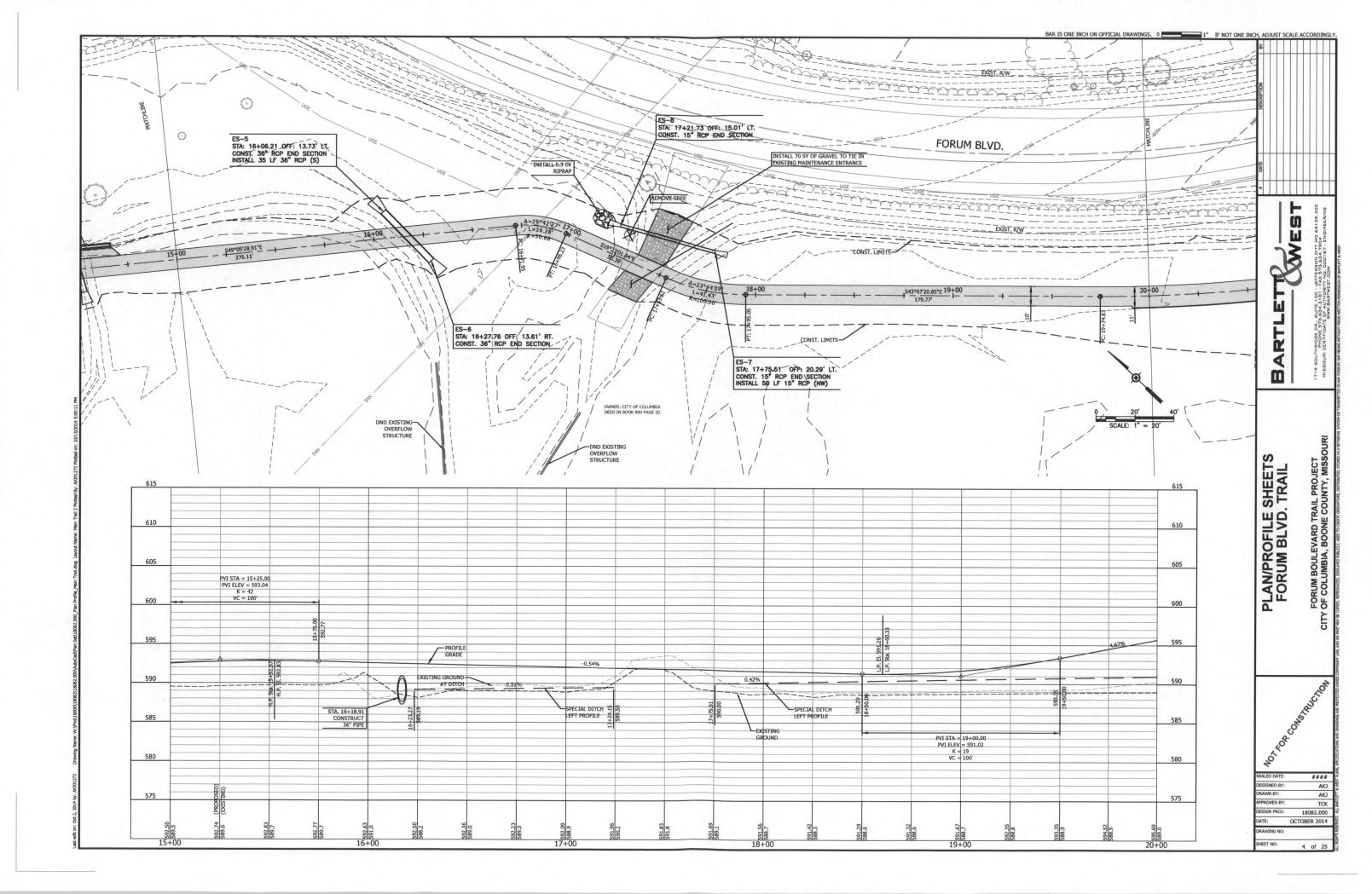


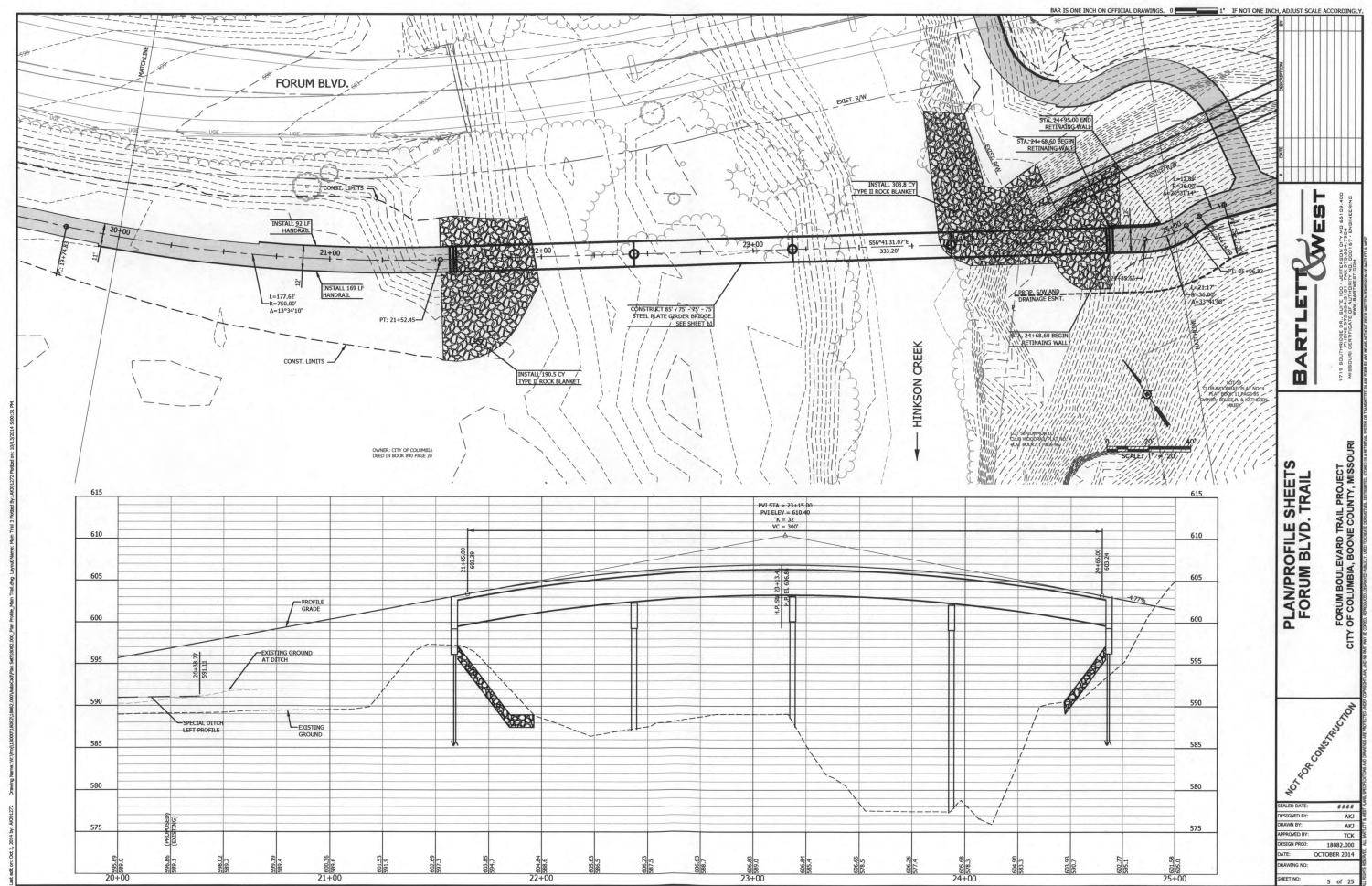
APPROVED BY

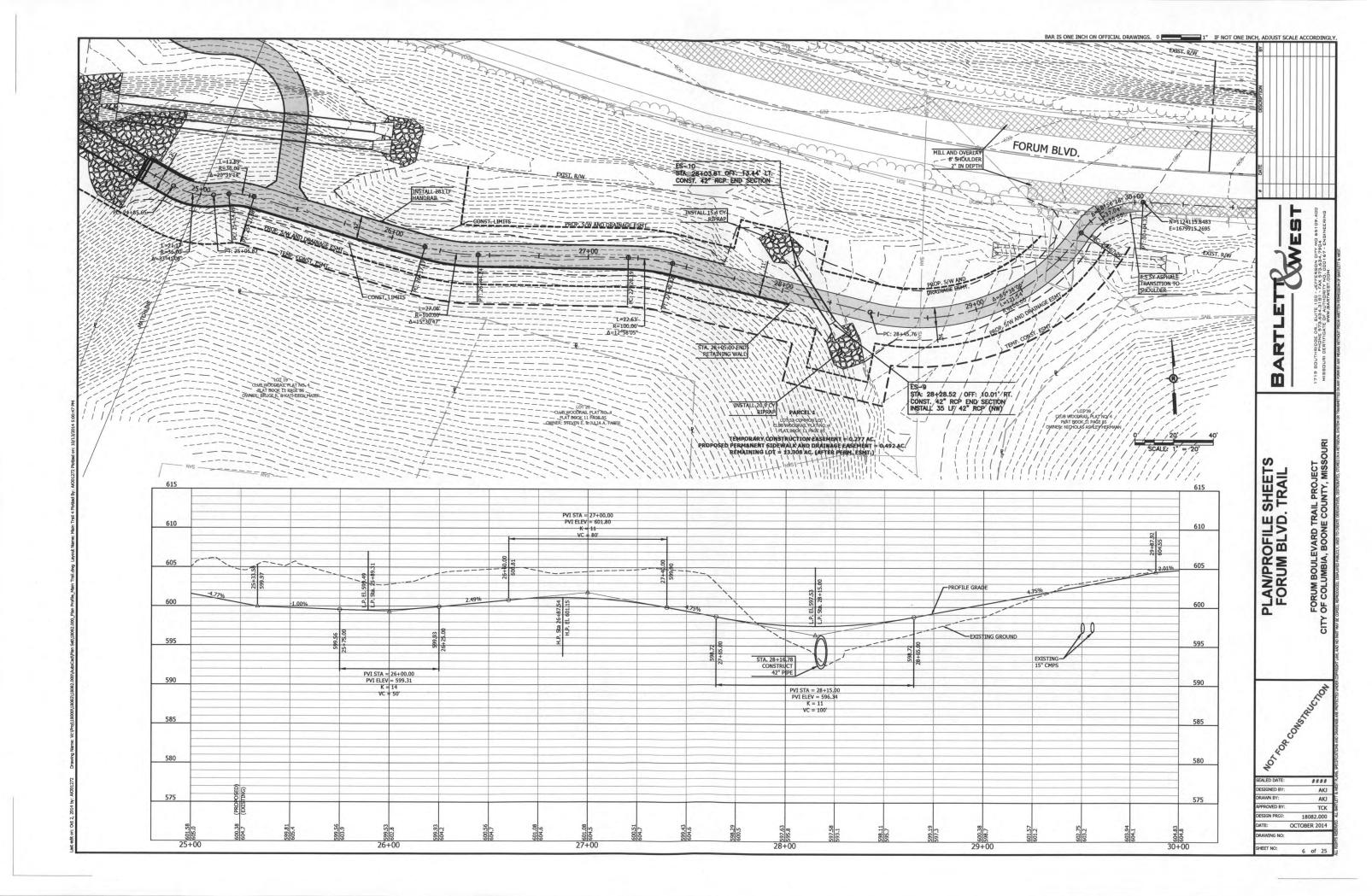


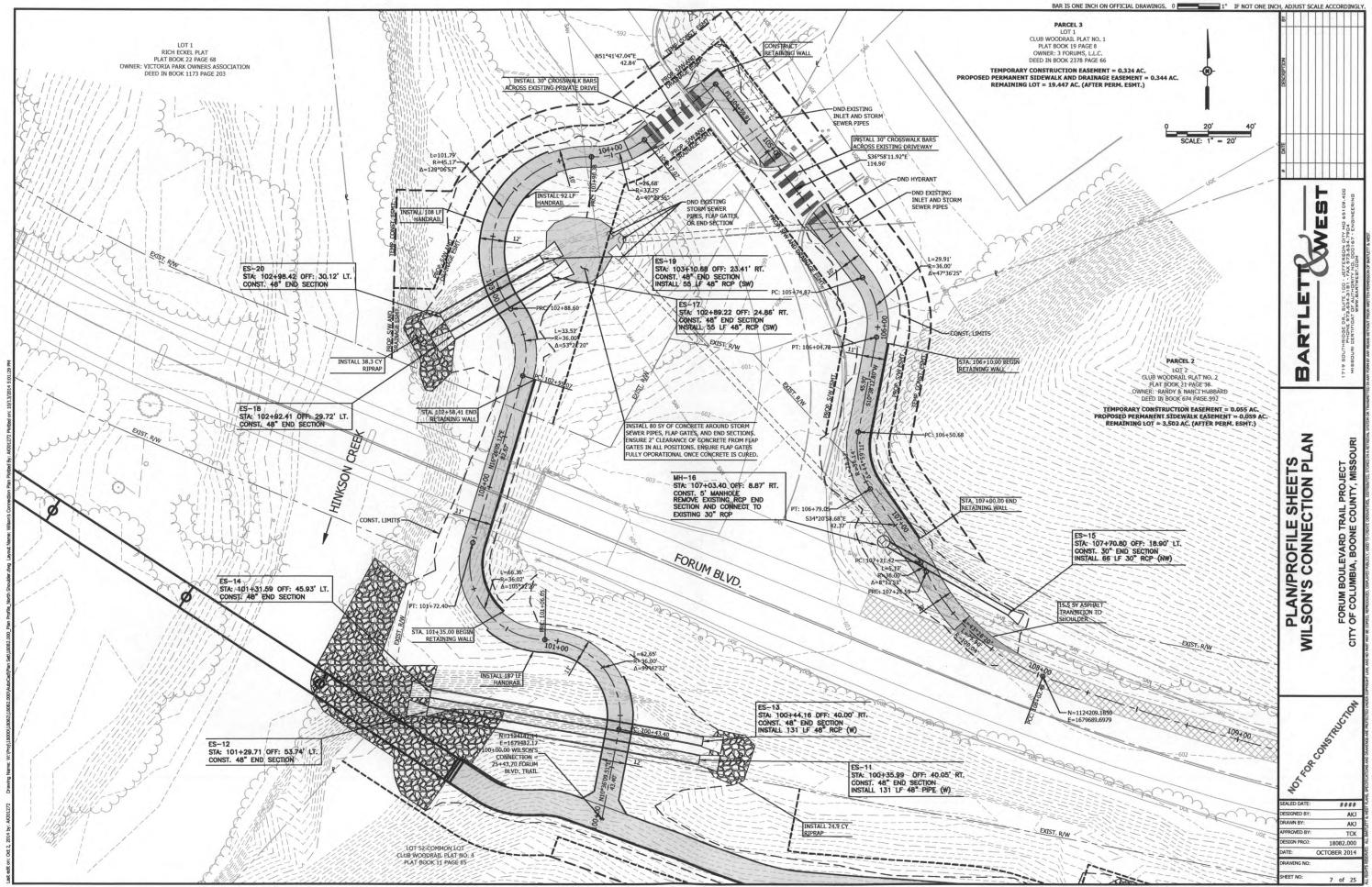


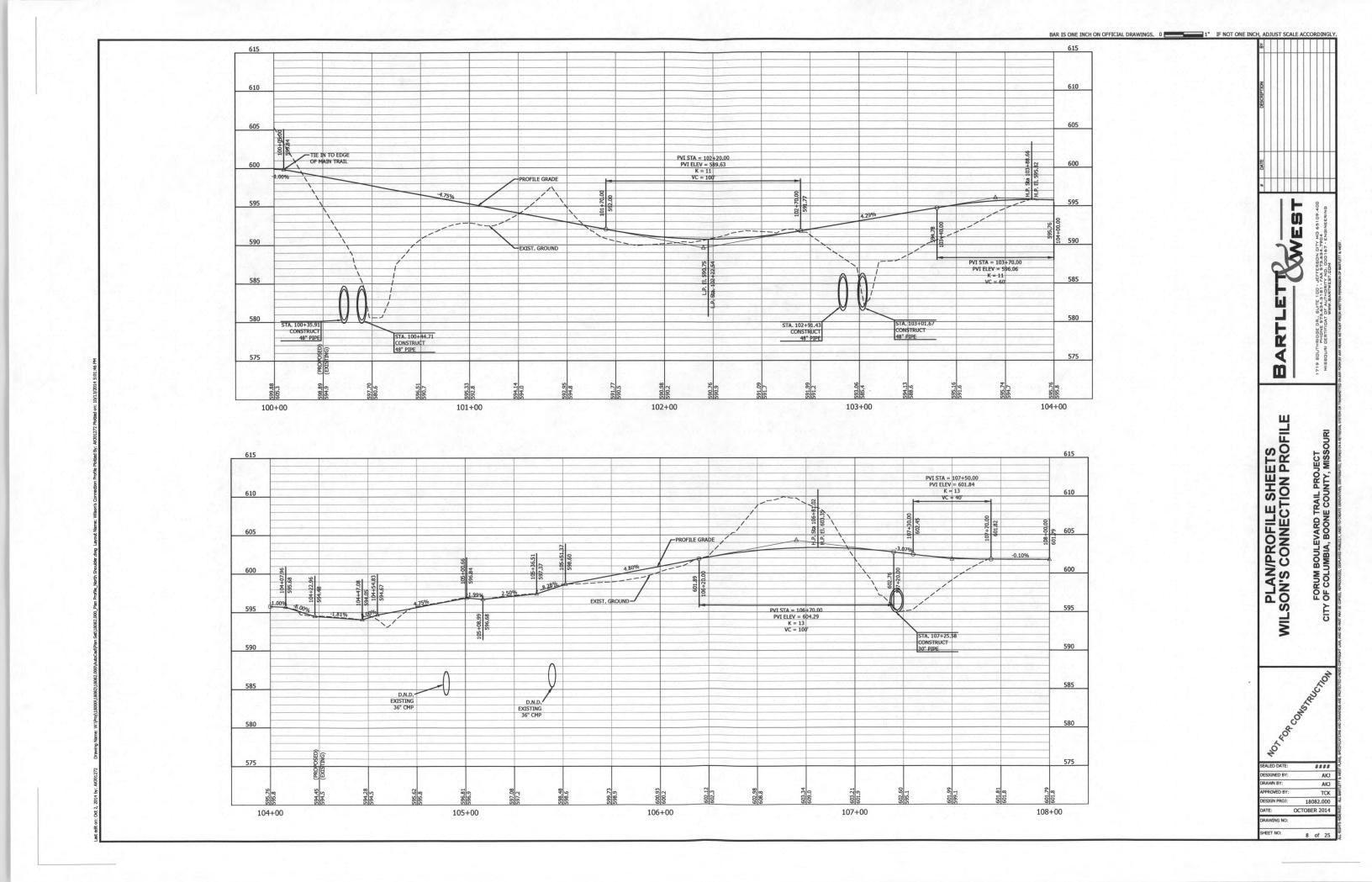
BAR IS ONE INCH ON OFFICIAL DRAWINGS. 0 1" IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.

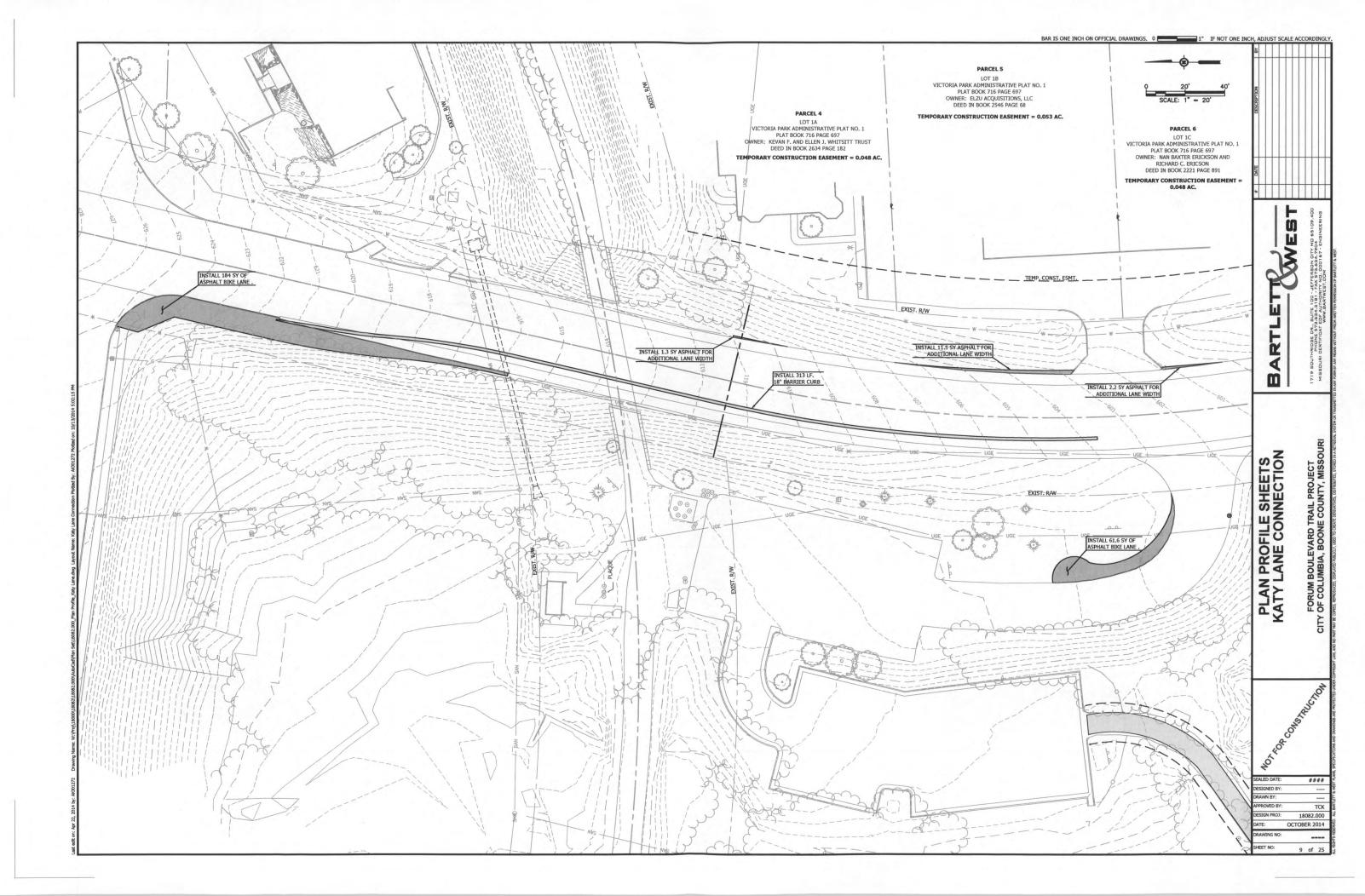


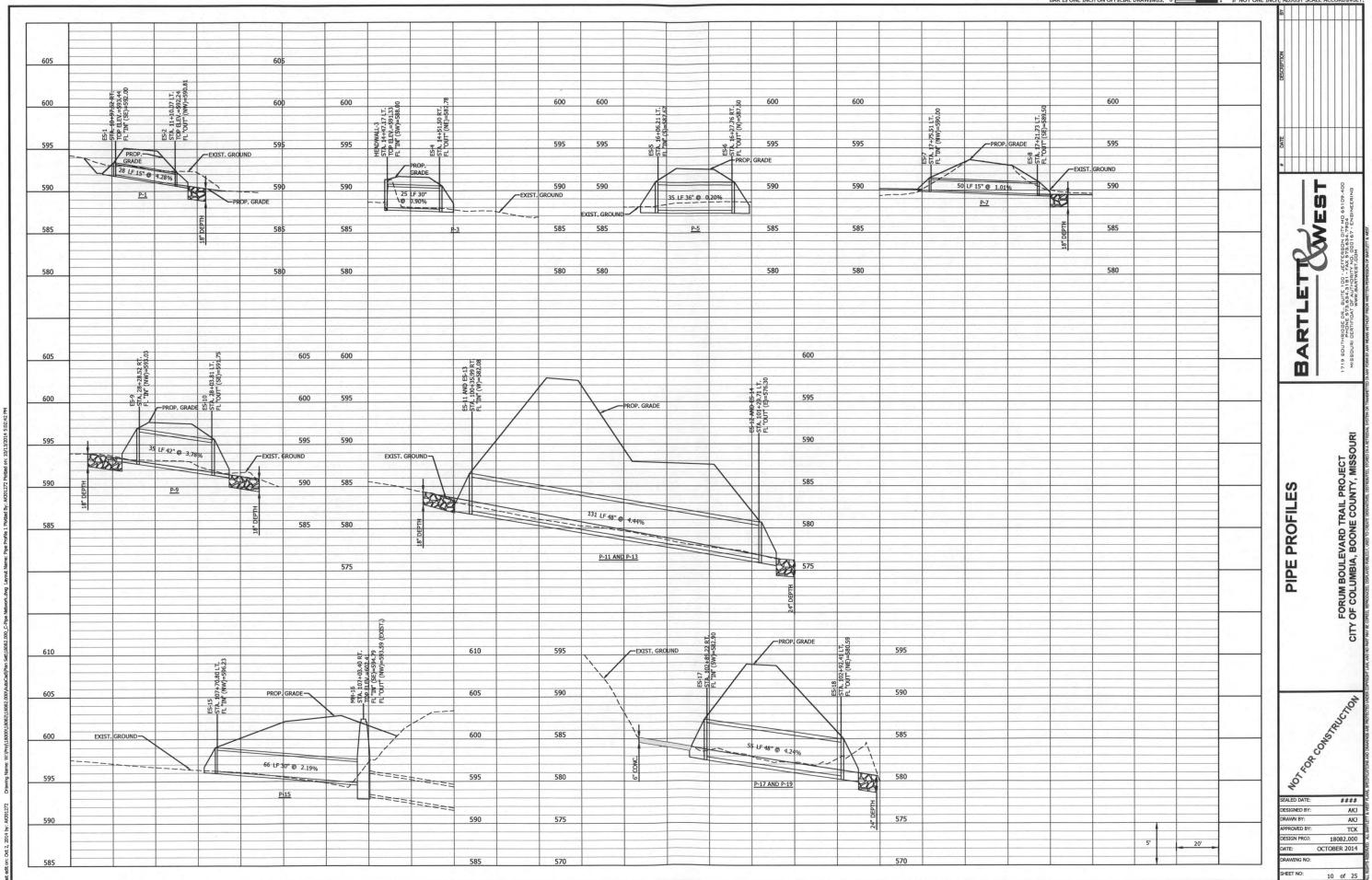




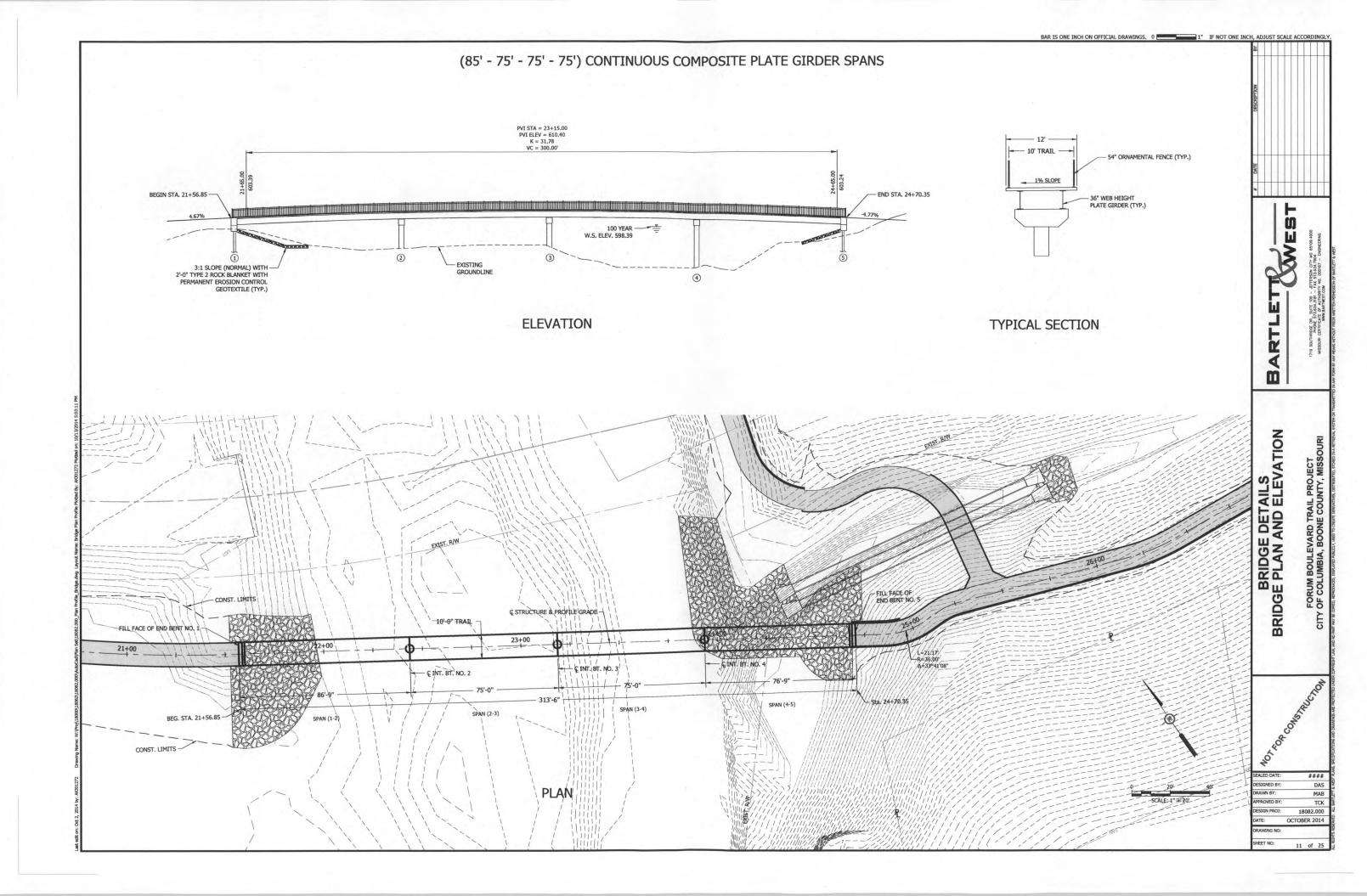


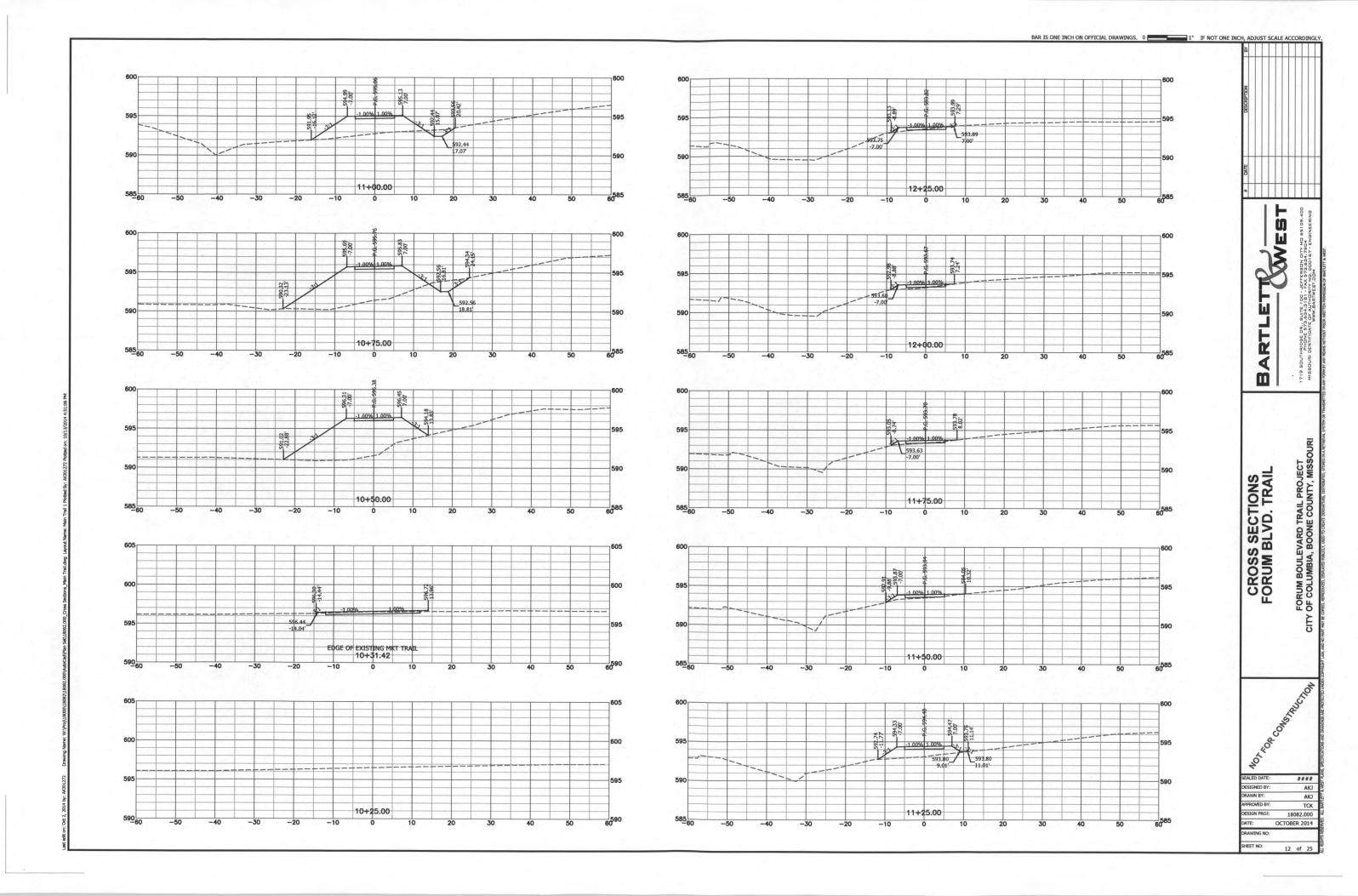


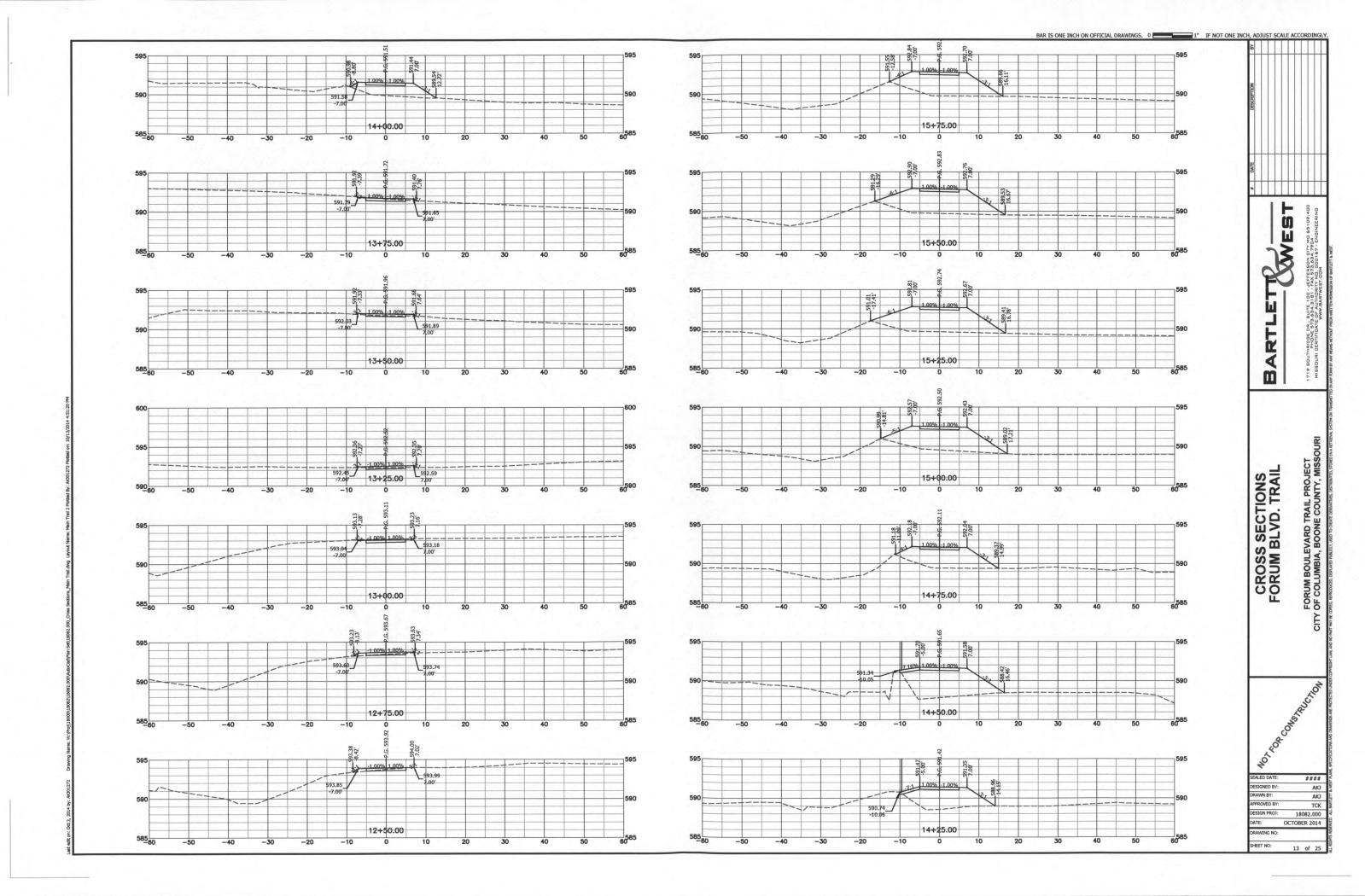


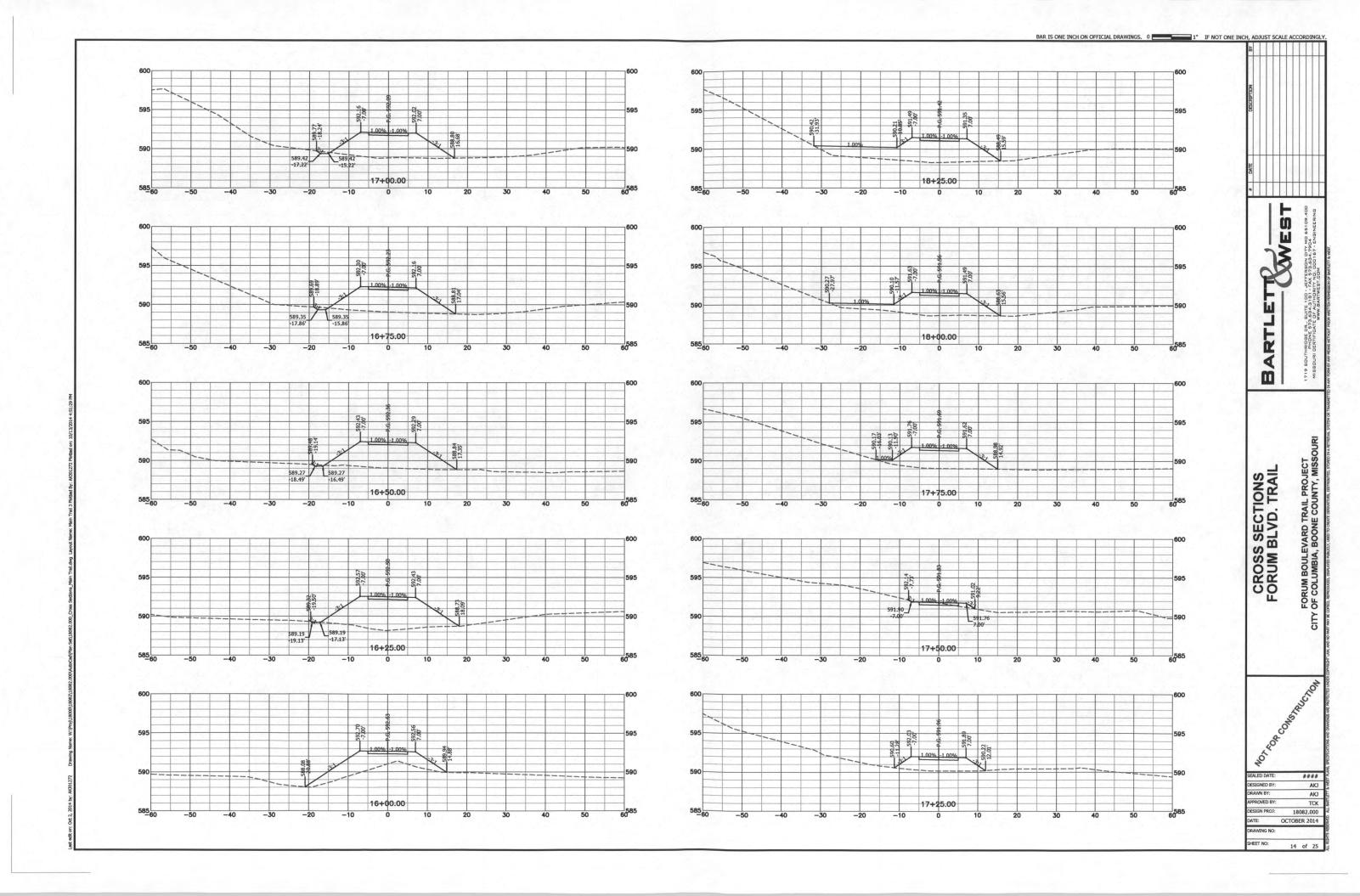


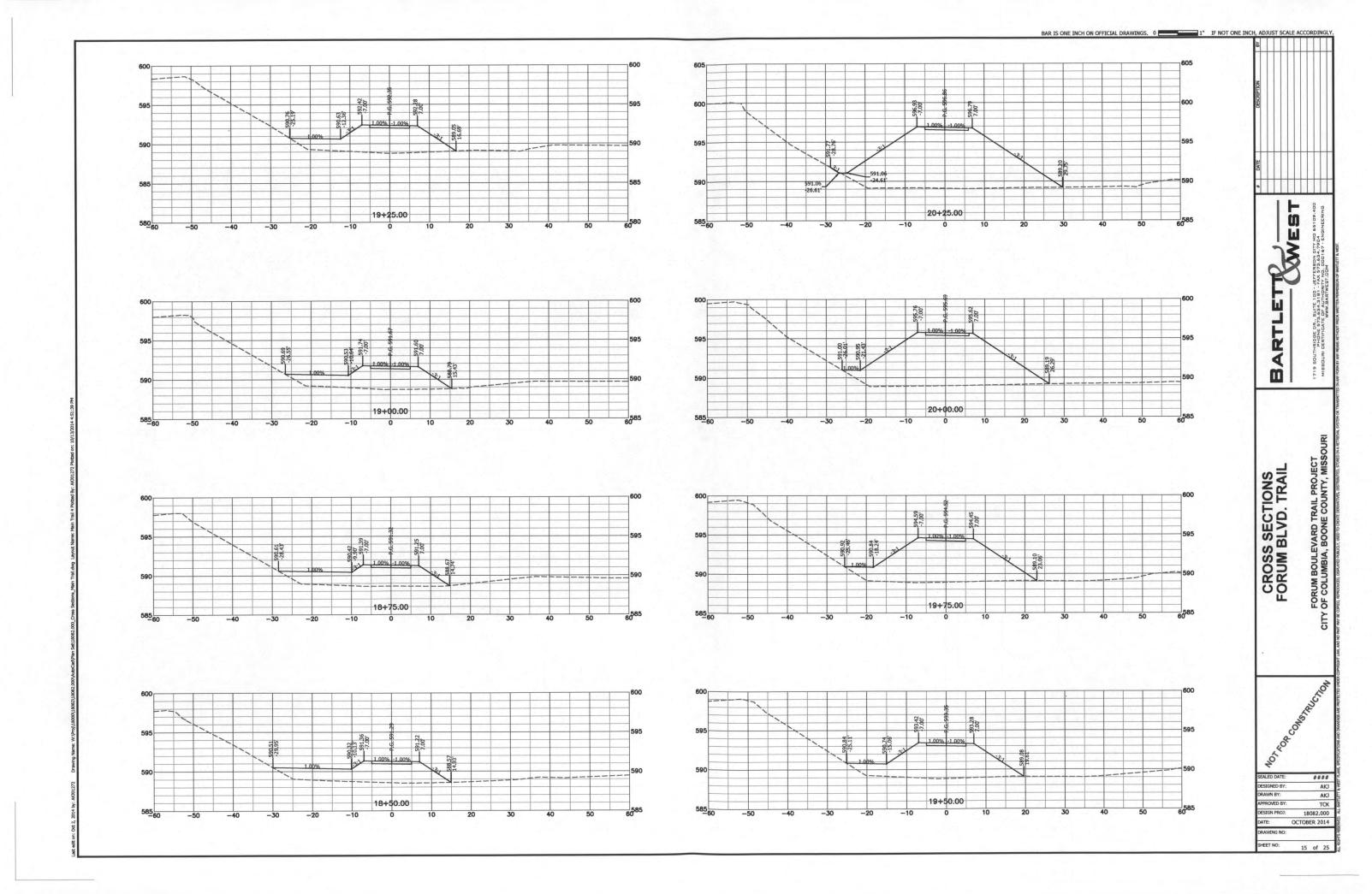
BAR IS ONE INCH ON OFFICIAL DRAWINGS. 0 IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.

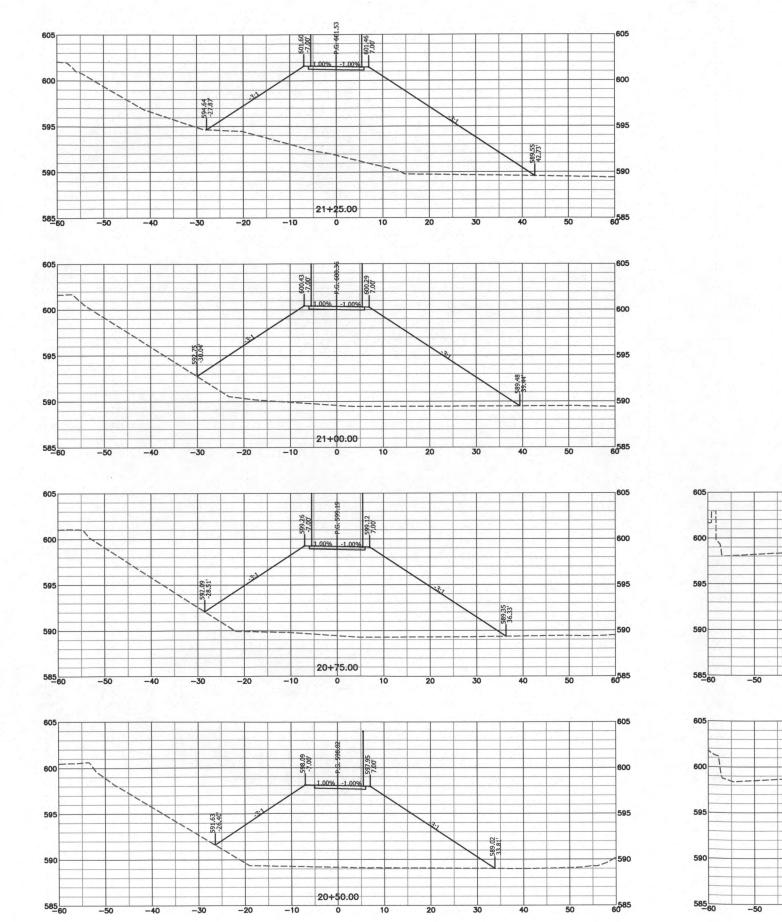


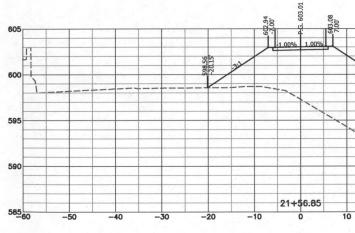


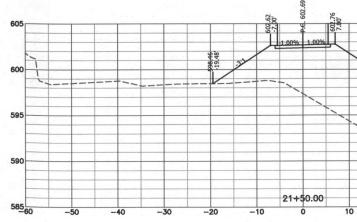








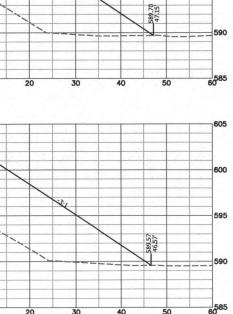


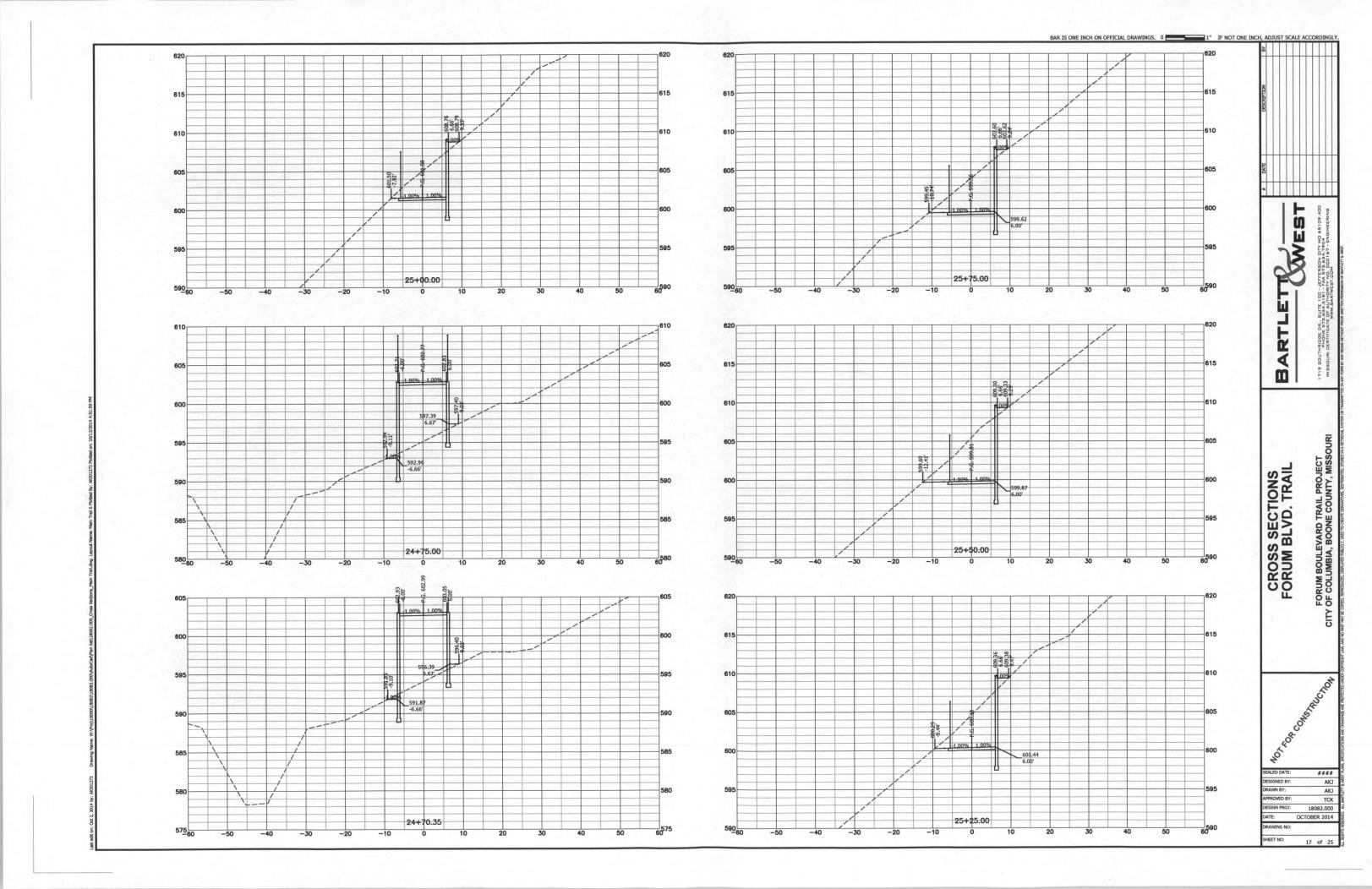


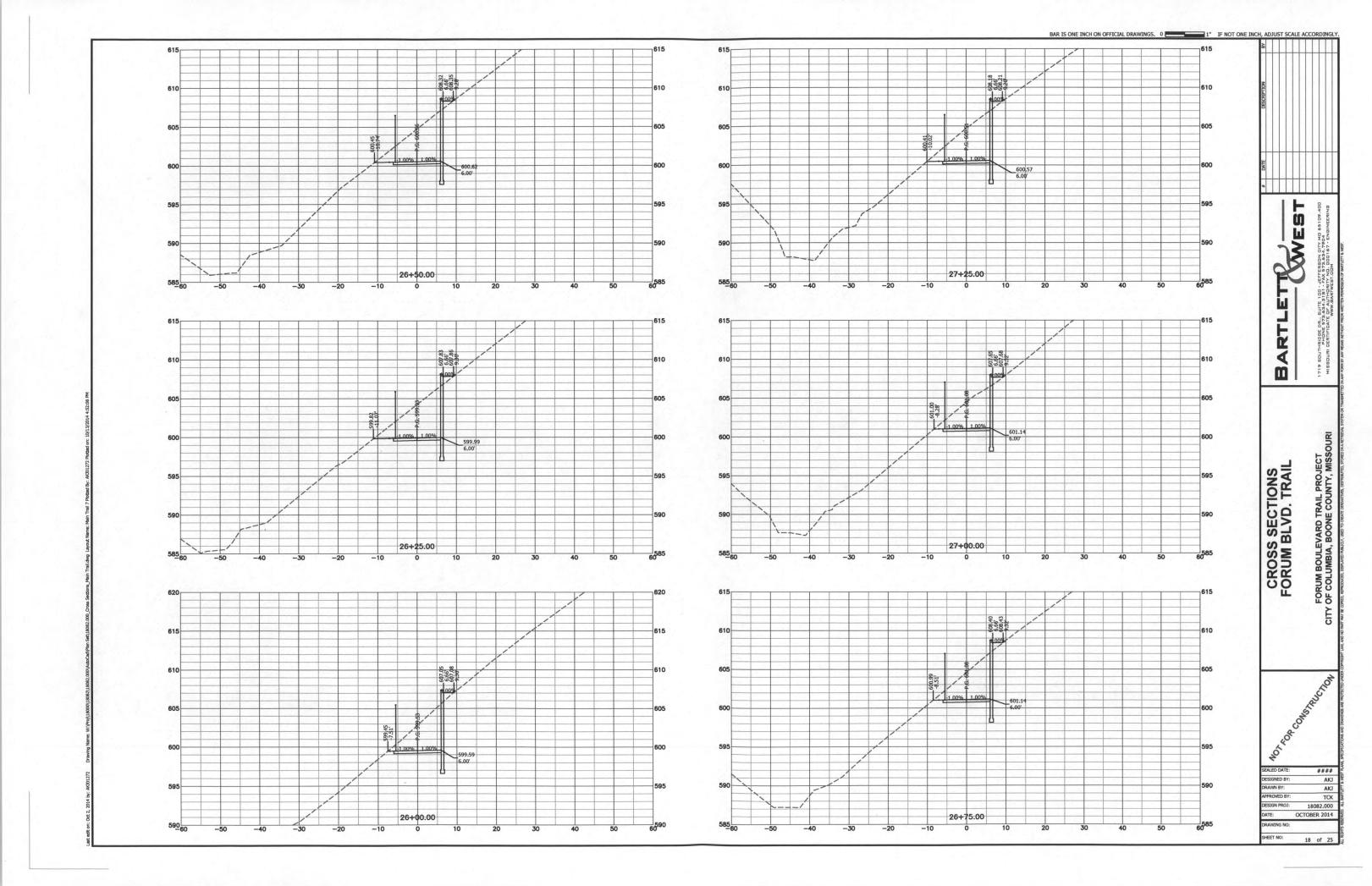


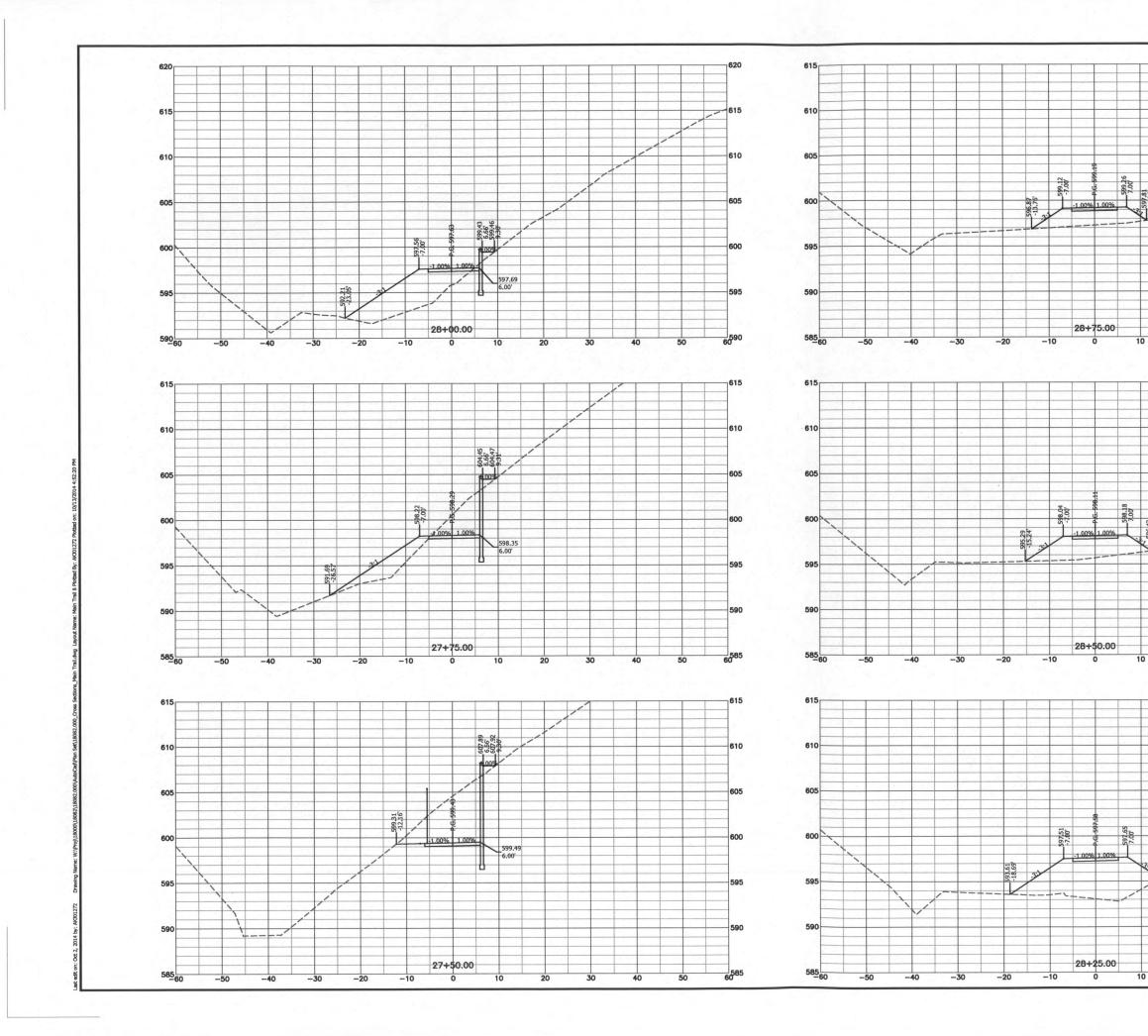


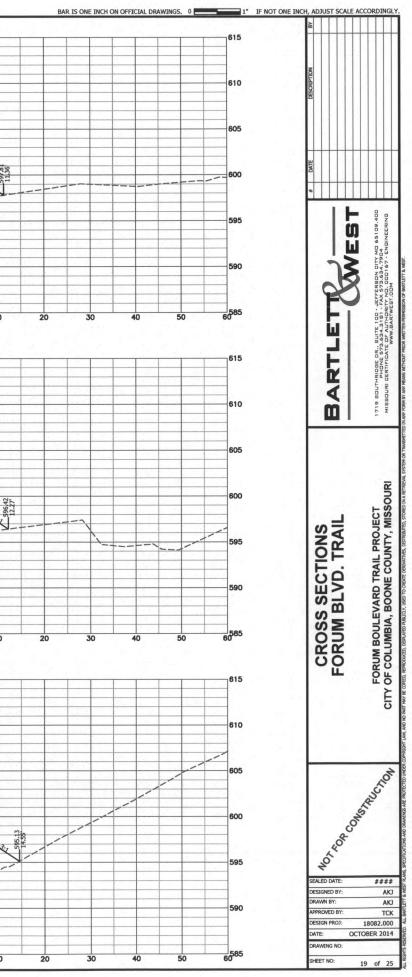


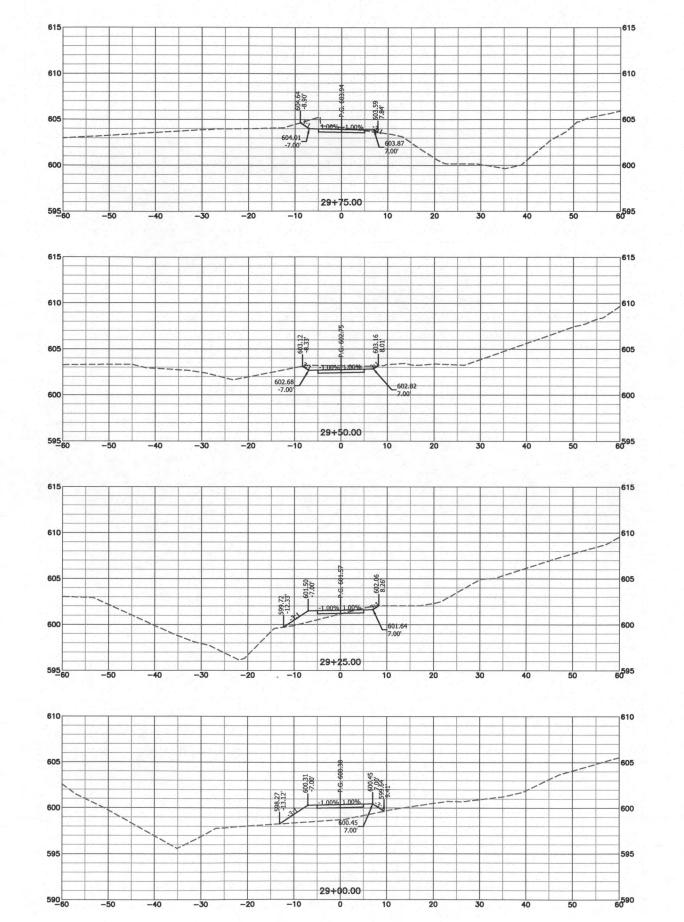


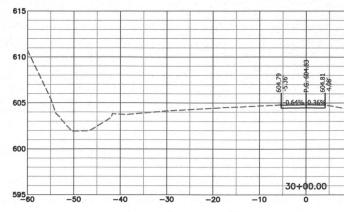


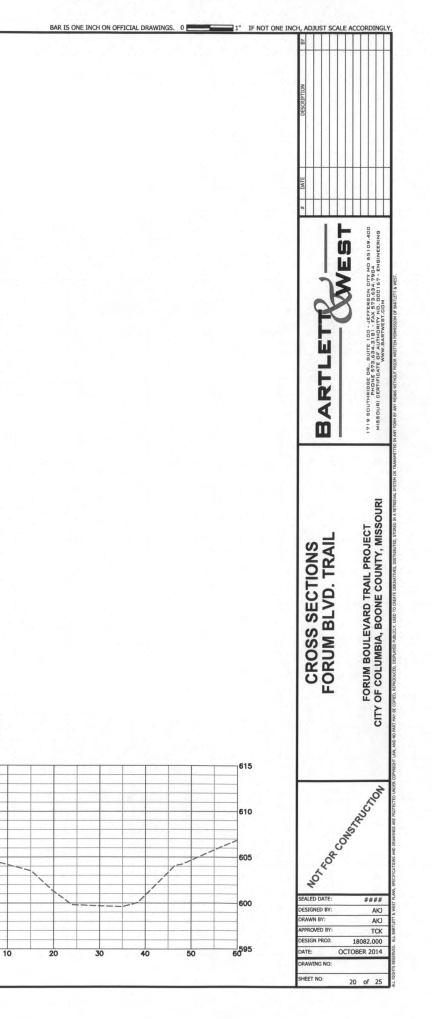


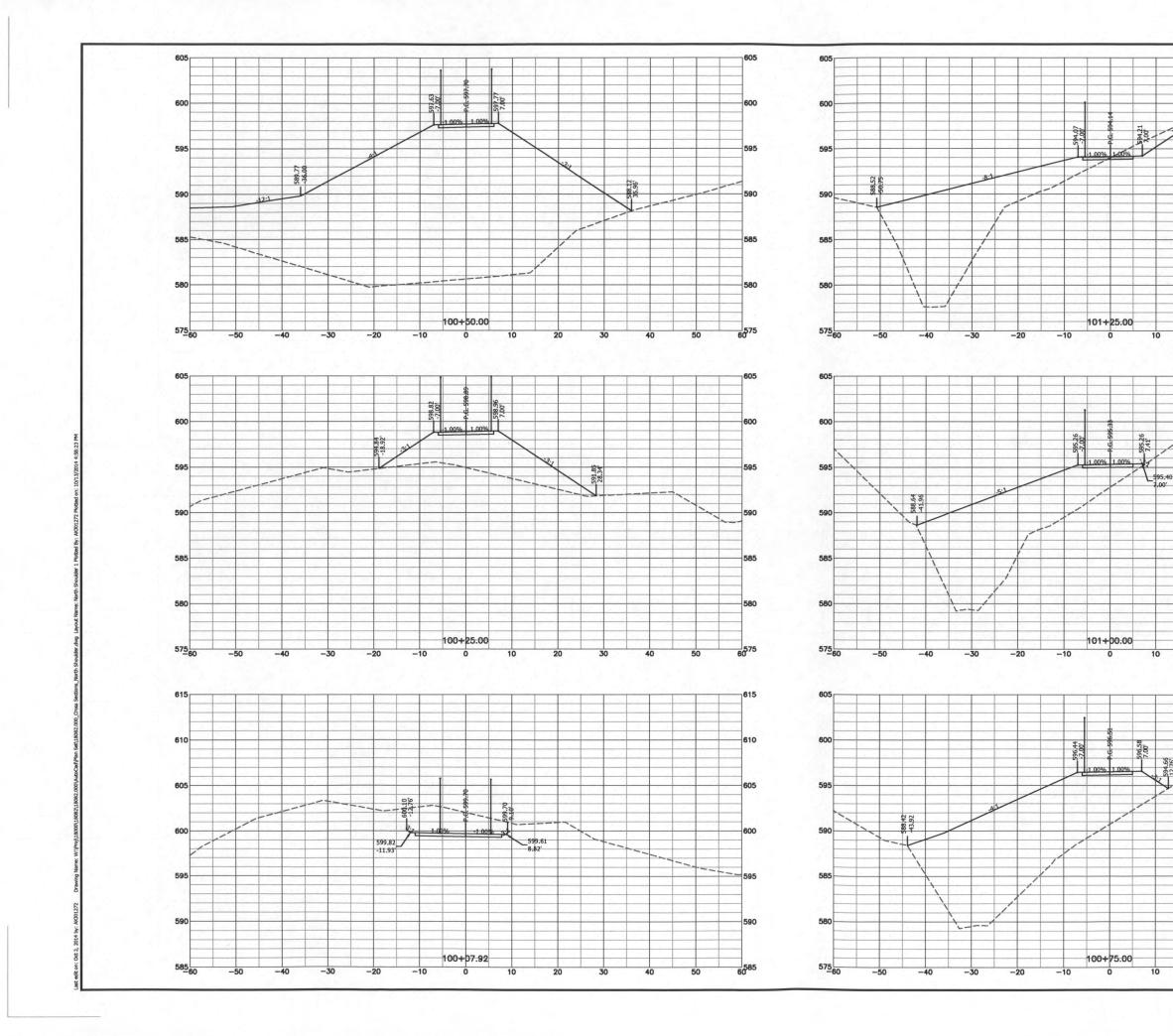


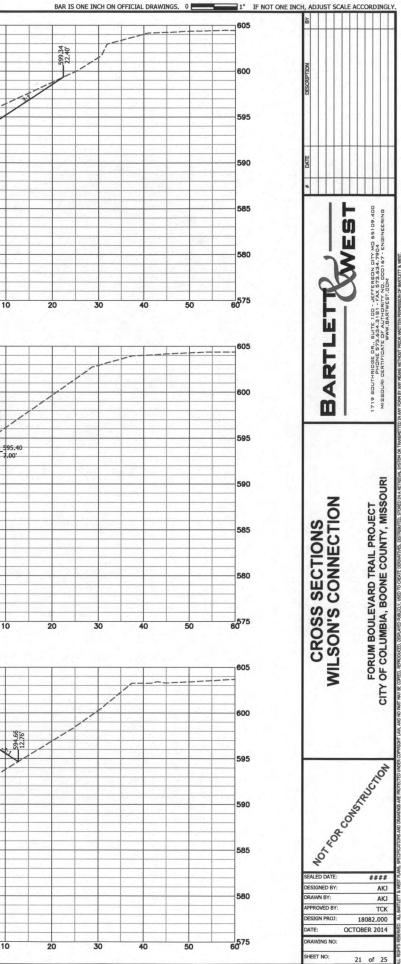


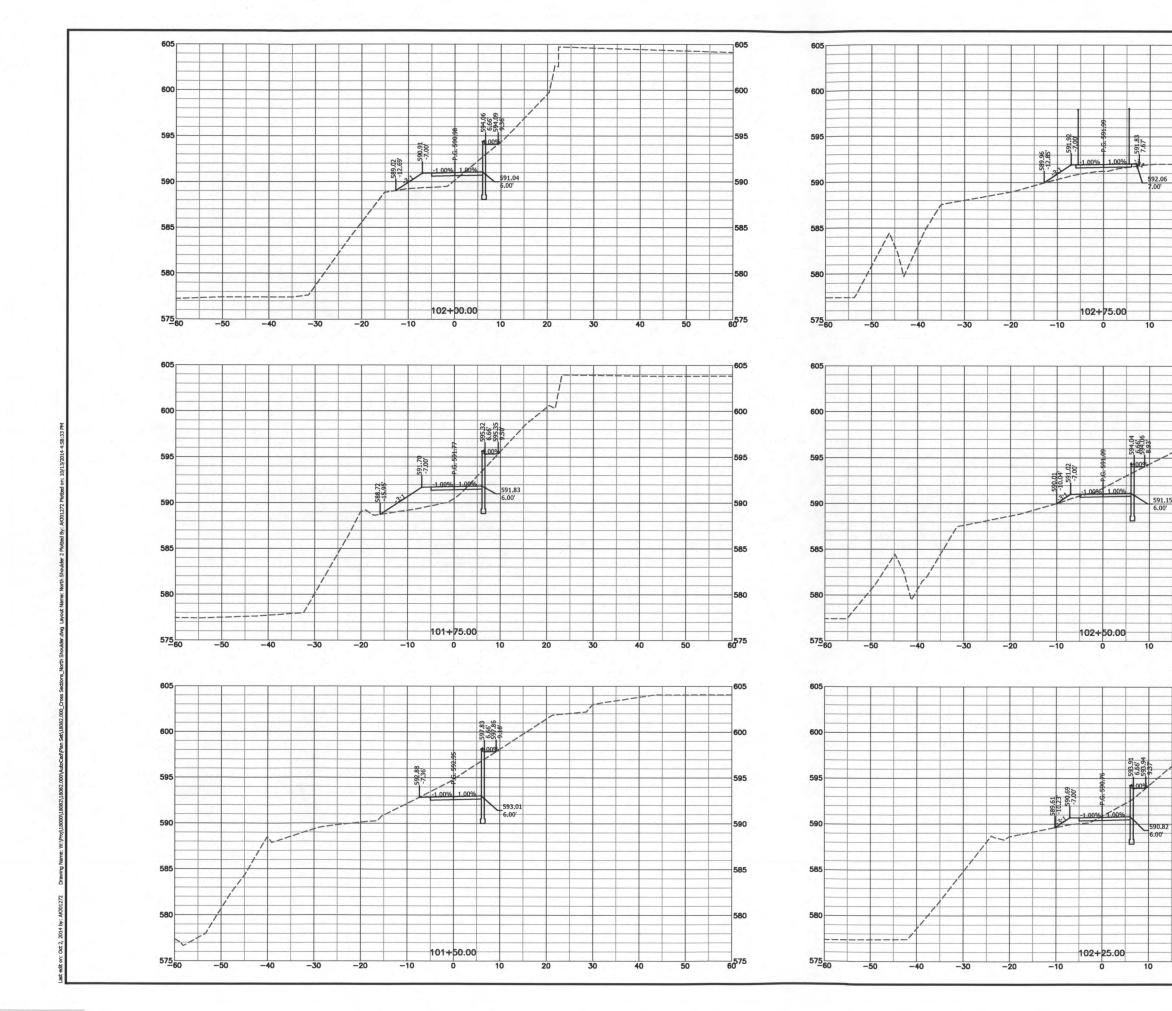


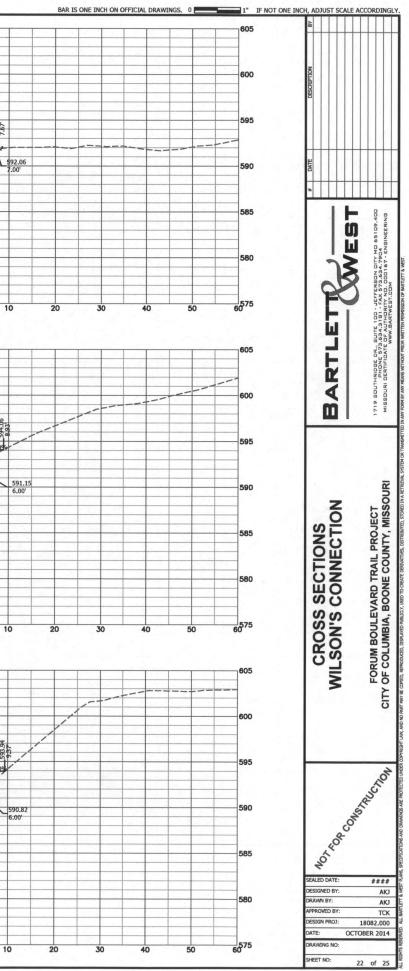




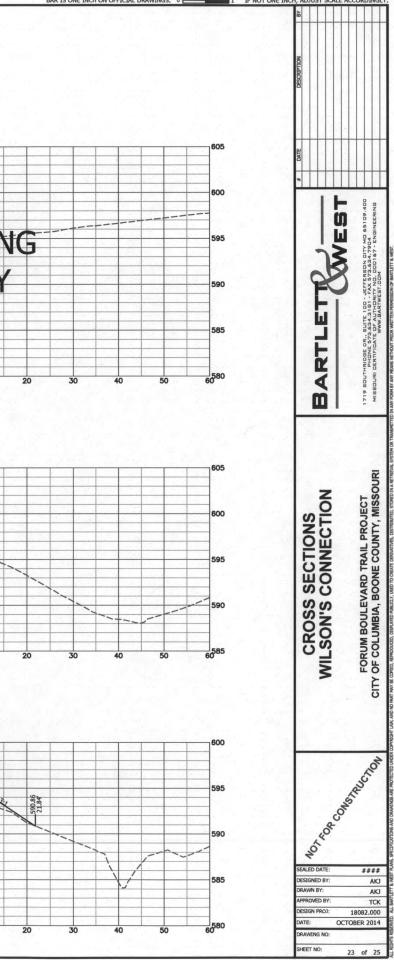








600 600 -7.00 **USE EXISTING** 595 595 590.02 DRIVEWAY 590 590 585 585 104+25.00 0 103+50.00 580 60 580 580 60 -10 605 600 594.06 600 595 596.08 295.83 - -295.83 - -1.00° 20.0 587,59 595 590 595.69 -7.0 590 585 104+00.00 103+25.00 580 60 580 585 60 600 600 595.81 595.30 592.99 33.1 595 595 595.6 590 590 586.40 586.08 28.15' 585 585 103+75.00 0 103+00.00 60 580 580 60 580 60 -20 -10



BAR IS ONE INCH ON OFFICIAL DRAWINGS. 0 1 IF NOT ONE INCH, ADJUST SCALE ACCO

