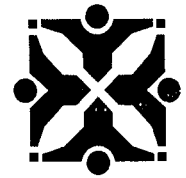


City of Columbia

701 East Broadway, Columbia, Missouri 65201



Agenda Item Number: B 286-14

Department Source: Public Works

To: City Council

From: City Manager & Staff

Council Meeting Date: September 2, 2014

Re: Bid Call and Acquisition of Easements for the Manor Drive Sidewalk Project

Documents Included With This Agenda Item

Council memo, Resolution/Ordinance

Supporting documentation includes: Map, Plats and Plans

Executive Summary

Authorizing a bid call through the Purchasing division, and the acquisition of easements, necessary to construct the Manor Drive Sidewalk project. The public hearing for this project was held on July 21, 2014.

Discussion

The Manor Drive Sidewalk project, from Rollins Road to West Broadway, is part of the Non-Motorized Transportation (GetAbout) program. Preliminary design of this project was completed under original GetAbout Phase I funding. The project includes construction of a 6-ft wide sidewalk at the back of the curb on the east side of Manor Drive, from Rollins Road to Manor Court, then crossing to the west side of Manor Drive and continuing toward West Broadway; finally tying into existing sidewalk near Broadway. The concept includes approximately 2,550 linear ft of sidewalk and reconstruction of 26 driveways to meet ADA requirements.

Based on public comments, the street width will be narrowed by 6 ft in three locations, ranging from approximately 100 ft to 200 ft in length, to serve as traffic calming and minimize the need for retaining walls, to avoid some large mature trees, and improve driveway accessibility. Based on the current plans, staff anticipates removal of six (6) trees along the corridor. Right-of-way plans are attached.

Per Council direction, speed studies will be conducted before and after construction to determine the effectiveness of the traffic calming measures included in the project. The pre-construction study is schedule to be completed by late September.

Fiscal Impact

Short-Term Impact: The current project cost estimate is \$369,000, and funding is from the Non-Motorized Transportation (GetAbout) grant.

Long-Term Impact: None. Long-term maintenance is the responsibility of the adjoining landowner.

City of Columbia

701 East Broadway, Columbia, Missouri 65201



Vision, Strategic & Comprehensive Plan Impact

Vision Impact: Transportation

Strategic Plan Impact: Infrastructure

Comprehensive Plan Impact: 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 Manor Drive Sidewalk project.

Legislative History

07/21/14 - (R109-14) Public Hearing

09/03/13 – (REP 134-13) Staff report to Council

08/13/13 – Interested Parties Meeting

04/23/13 – Interested Parties Meeting

08/03/12 – Bicycle/Pedestrian Commission memorandum

05/01/08 – Interested Parties Meeting

08/06/07 – (R175-07) Authorizing an agreement with URS Corporation for engineering services for the design of twenty (20) sidewalk segments in various locations within the City of Columbia

03/05/07 – (Ord 19439) 2007 Sidewalk Master Plan approval


Department Approved


City Manager Approved

Introduced by _____

First Reading _____

Second Reading _____

Ordinance No. _____

Council Bill No. B 286-14

AN ORDINANCE

determining it is in the public interest to construct sidewalk improvements along Manor Drive, from Rollins Road to West Broadway; 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 sidewalk improvements along Manor Drive, from Rollins Road to West Broadway; 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 six-foot wide sidewalks along the east side of Manor Drive between Rollins Road and Manor Court, and on the west side of Manor Drive between Manor Court and West Broadway, and the reconstruction of 26 driveways to meet ADA requirements, and other miscellaneous work, all in accordance with City of Columbia Street and Storm Sewer Specifications and Standards, more specifically described as the Manor Drive Sidewalk Project, in the City of Columbia, Missouri, is necessary for the welfare and improvement of the city and that it is in the public interest that such improvements be made.

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.

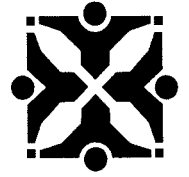
ATTEST:

City Clerk

Mayor and Presiding Officer

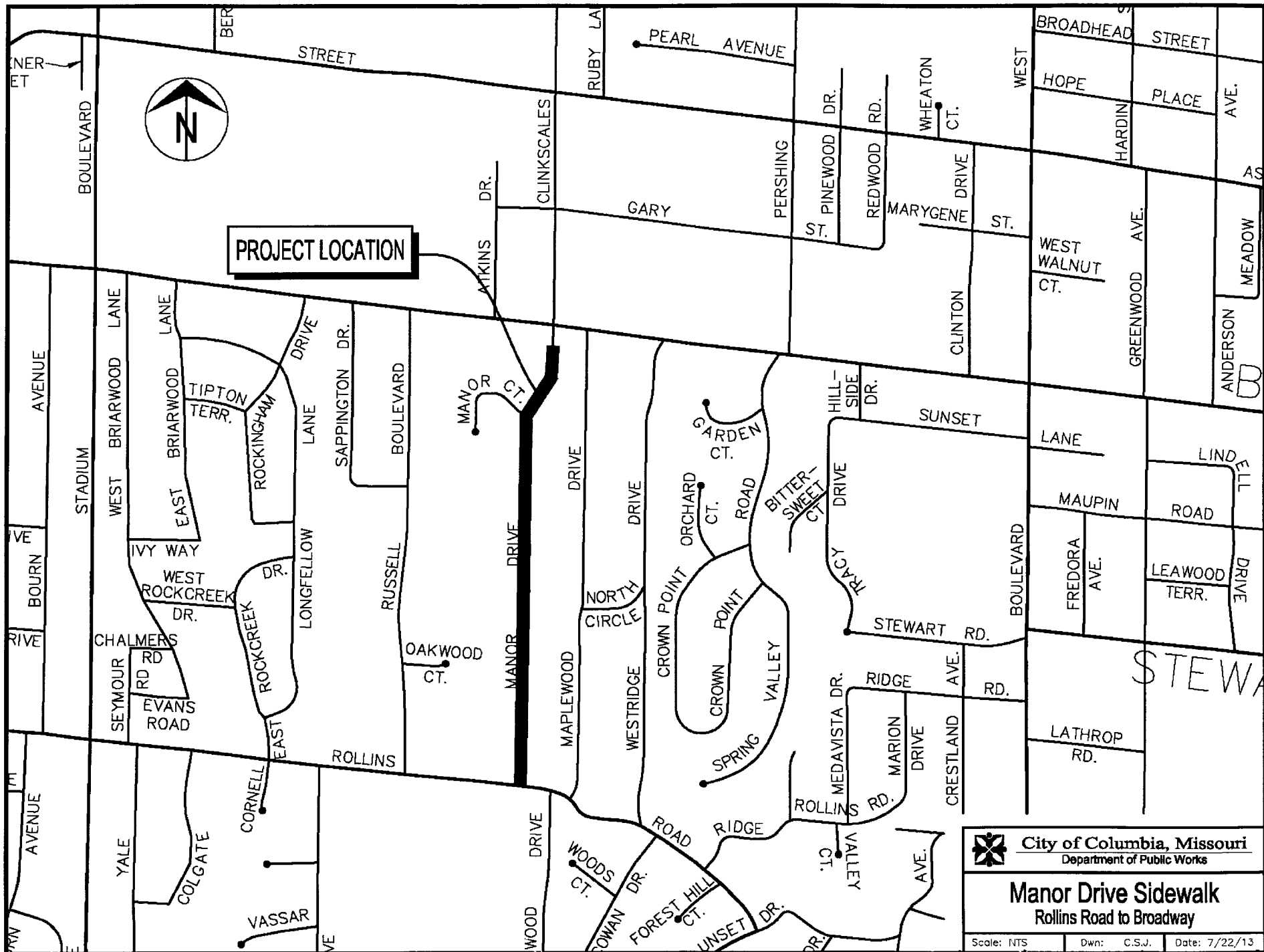
APPROVED AS TO FORM:


City Counselor



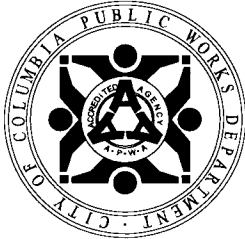
SUPPORTING DOCUMENTS INCLUDED WITH THIS AGENDA ITEM ARE AS FOLLOWS:

Maps, Plats and Plans



 City of Columbia, Missouri Department of Public Works		
Manor Drive Sidewalk Rollins Road to Broadway		
Scale: NTS	Dwn: C.S.J.	Date: 7/22/13

DESIGN DESIGNATION	
A.D.T.	N/A
A.D.T.	N/A
D-	N/A
T-	N/A
V-	N/A
POSTED SPEED - N/A	
CLASSIFICATION : N/A	



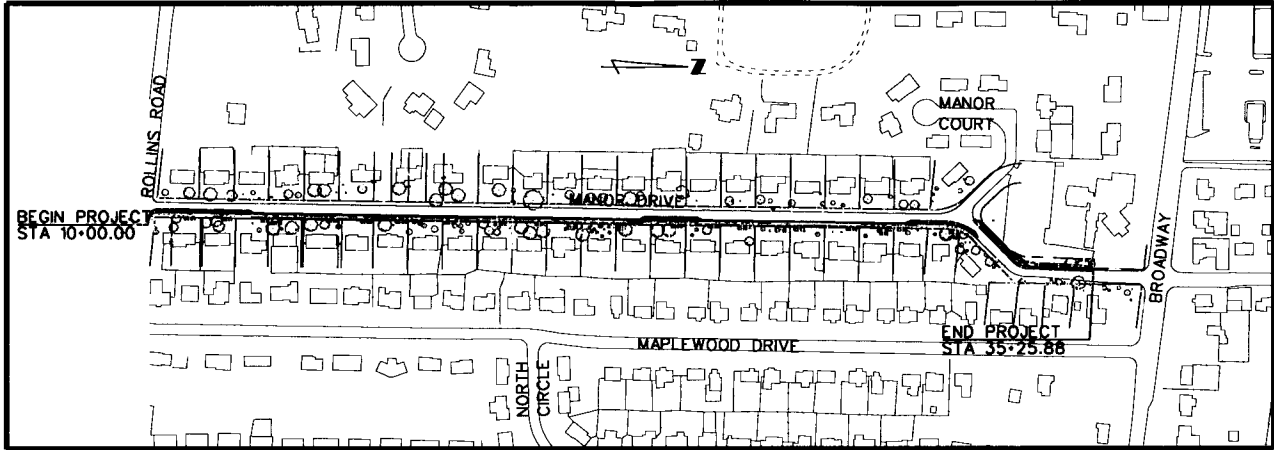
CITY OF COLUMBIA, MISSOURI

DEPARTMENT OF PUBLIC WORKS

RIGHT-OF-WAY PLANS

CONVENTIONAL SIGNS (USED IN PLANS)

DESCRIPTION	EXISTING	NEW
RIGHT-OF-WAY	EXIST. ROW	NEW ROW
PROPERTY LINE	PP	
CITY LIMITS	FO	
TEMPORARY CONSTRUCTION EASEMENT		TCE
CONTROL POINT	CP	
UTILITY POLE	PP	
UNDERGROUND CONDUIT OR CABLE (TYPE SPECIFIED)	FO	
T-TELEPHONE P-POWER		
UTILITY MANHOLE (TYPE SPECIFIED)	THM	
T-TELEPHONE P-POWER W-WATER		
LIGHT STANDARD	LS	
TRAFFIC SIGNAL	TS	
TRAFFIC CONTROLLER	TC	
TRAFFIC PULL BOX	TPB	
UTILITY MAIN (TYPE SPECIFIED)	G	
GAS VALVE	WV	
WATER VALVE	GV	
WATER METER	WM	
GAS METER	GM	
SEWER VENT	SV	
FIRE HYDRANT	HYD	
SANITARY SEWER	S	
STORM SEWER	18" RCP	
SEWER MANHOLE	SM	
GRATED INLET	GI	
CURB INLET (SINGLE)	CI	
CURB INLET (MULTIPLE UNIT)	CI	
PARCEL NUMBER	12	
SLOPE LINE	C.L.	
TREE OR SHRUB (DESIGNAGE DIA. AND TYPE)	14" OAK	
HEDGE		
FENCE		
GUARDRAIL		
SIGN	SIGN	
BUILDING		
BUILDING REMOVAL		
TO BE REMOVED	(TBR)	
TO BE ABANDONED	(TBA)	
USE IN PLACE	(UIP)	
TO BE REMOVED AND RELOCATED	(TBR&REL)	
TO BE REMOVED AND REPLACED	(TBR&R)	
ADJUST TO GRADE	(ATG)	
TO BE REMOVED AND REPLACED BY OTHERS	(TBR&RBO)	
TO BE ABANDONED AND FILLED	(TBA&F)	
ADJUST TO GRADE BY OTHERS	(ATGBO)	
FLCRUD END SECTION	(F.E.S.)	
FLOW LINE	(F.L.)	
CORRIGENDA MODEL PIPE	(CMP)	
REINFORCED CONCRETE PIPE	(RCP)	
FUTURE ROADWAY		
FUTURE ROADWAY CURB LINES		
CONCRETE		
ASPHALT		



INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE AND INDEX SHEET
2	TYPICAL SECTIONS
3-7	PLAN & PROFILE SHEETS
8-21	CROSS SECTIONS

SIDEWALK - MANOR DRIVE


BOONE COUNTY MISSOURI

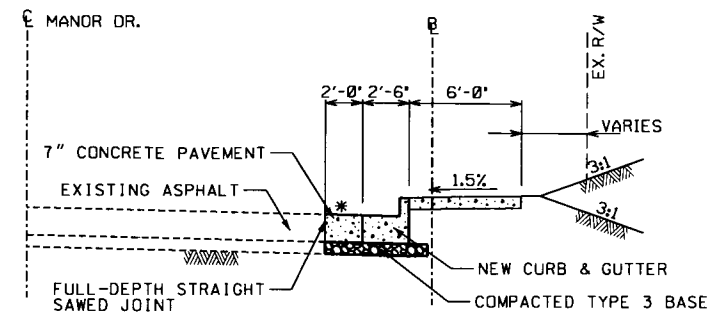
SCALES:

PLAN AND PROFILE 1"=20' HORIZ. & 5' VERT.

CROSS SECTION 1"=5' HORIZ. & 1" = 5' VERT.

Underground facilities, structures and utilities have been plotted from available surveys and records; and, therefore, their locations must be considered approximate only. It is possible there may be others, the existence of which is presently not known or shown. It is the Contractor's responsibility to determine their existence and exact location and to avoid damage thereto.

			LENGTH OF PROJECT				
AMEREN UE - GAS CENTURYTEL WATER & LIGHT MEDIACOM CHARTER COMMUNICATIONS SEWER BOONE ELECTRIC CPWSD #1 WATER DISTRICT #4 WATER DISTRICT #9 MU TELECOM AT&T CENTRAL ELECTRIC POWER COOPERATIVE	LES HOLTSMAN	(573) 876-3063	END OF PROJECT	STA.	35+25.88		
	DON WILSON	(573) 886-3500	BEGINNING OF PROJECT	STA.	10+00.00		SIDEWALK - MANOR DRIVE
	MIKE SCHMITZ	(573) 874-7325	APPARENT LENGTH		2525.88	FEET	
	BOB BONNER	(573) 443-1536 EXT. 354	EQUATIONS AND EXCEPTIONS				APPROVED BY: _____ DIRECTOR OF PUBLIC WORKS DATE
	JOHN VIEHLAND	(573) 442-7044 EXT. 1022					
	STEVE HUNT	(573) 874-7250					
	RYAN EULISS	(573) 449-4181	TOTAL CORRECTIONS			FEET	
	GARY WOODY	(573) 449-0324	NET LENGTH OF PROJECT			2525.88 FEET	
KEN WISE	(573) 696-3511	FEDERAL LENGTH			MILES		
ROGER BALLEW	(573) 474-9521				SEAL		
MIKE ANDERSON	(573) 884-6703						
PJ McDERMOTT	(816) 391-5077						
ALLAN JOHNSTON	(573) 761-2849						

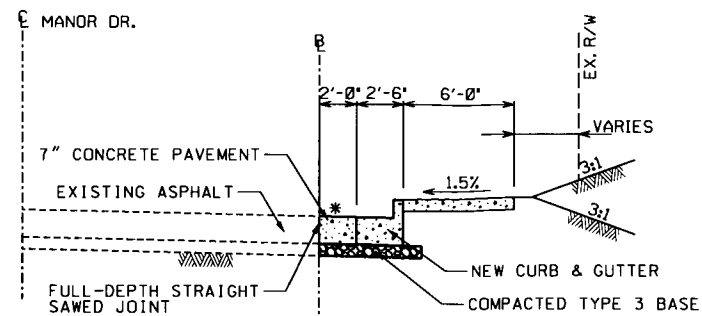


TYPICAL SECTION

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STA. 22+97.02 TO STA. 24+57.46

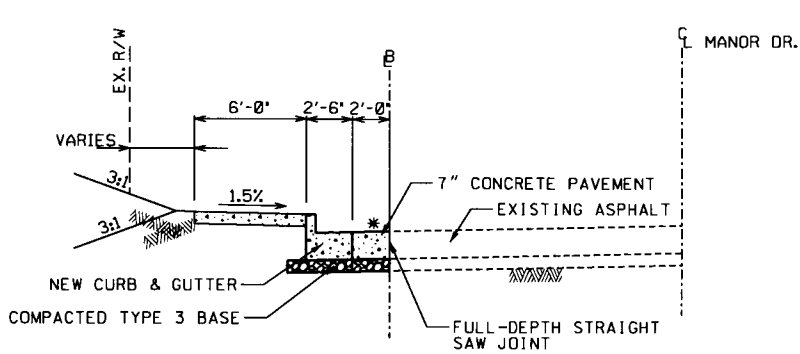
STA. 29+84.70 TO STA. 31+64.65



TYPICAL SECTION

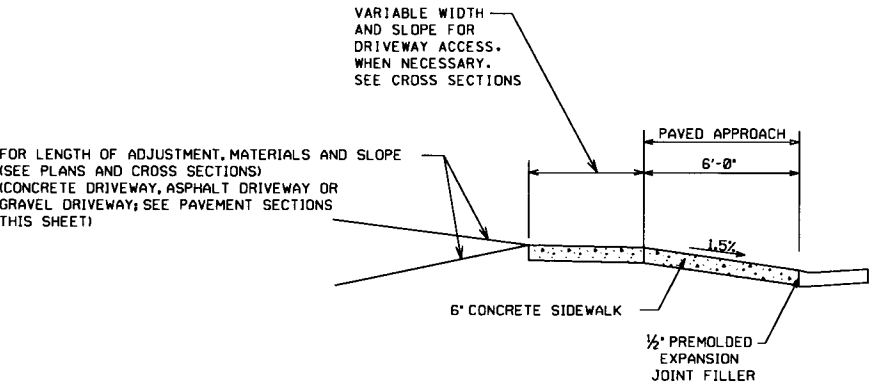
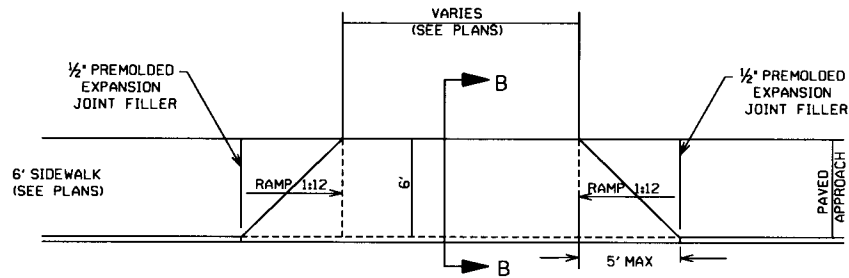
STA. 12+94.96 TO STA. 22+97.02

STA. 24+57.46 TO STA. 29+84.70



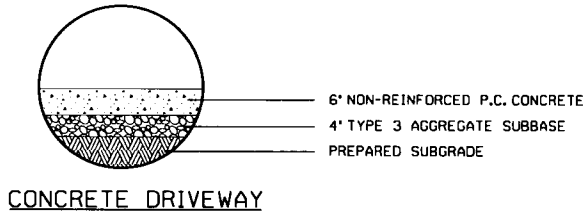
TYPICAL SECTION

STA. 31+86.74 TO STA. 35+25.88

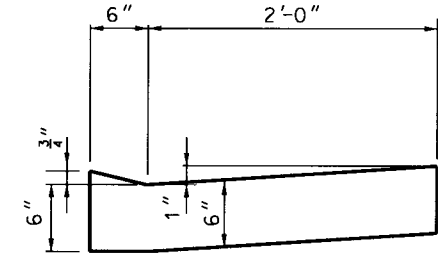


SECTION B-B

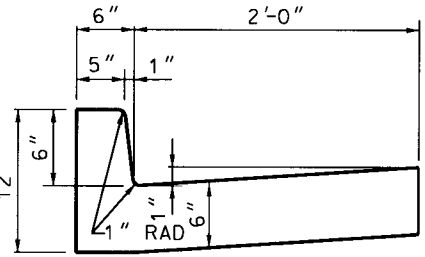
DRIVEWAY DETAILS FOR PRIVATE ENTRANCE (P.E.)



- * -1.0% STA. 10+00.00 TO STA. 10+40.00
- * 1.5% STA. 10+40.00 TO STA. 11+67.00
- * 4.0% STA. 11+67.00 TO STA. 12+70.00
- * 5.0% STA. 12+70.00 TO STA. 31+62.93
- * 3.0% STA. 31+86.94 TO STA. 35+25.88



RESIDENTIAL DRIVEWAY CURB
(MINIMUM RISE)



TYPICAL CURB AND GUTTERS

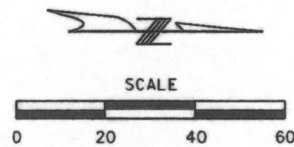
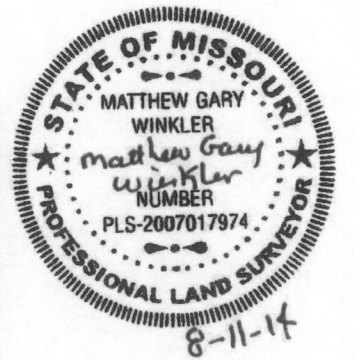
CURB & GUTTER

CITY OF COLUMBIA, MISSOURI

MANOR DRIVE

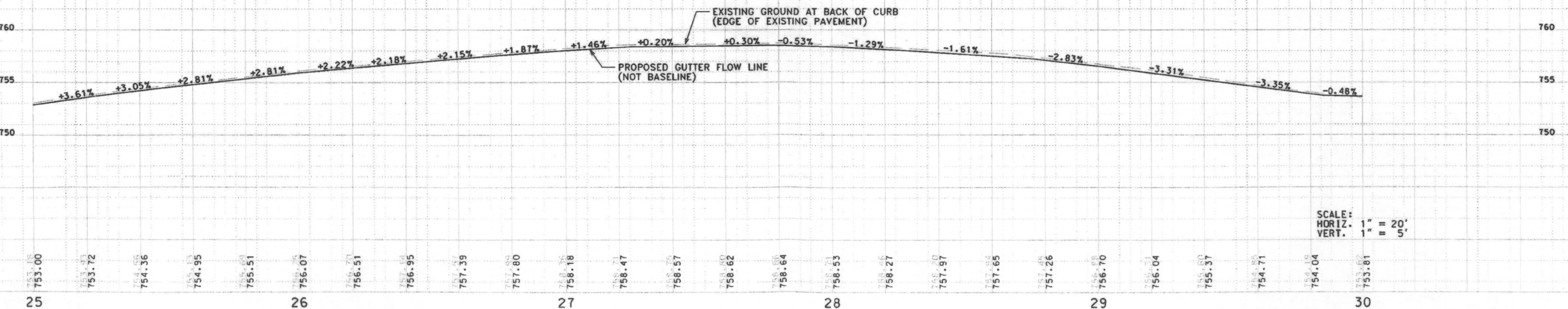
SHEET
NUMBERTOTAL
SHEETSRIGHT-OF-WAY
NOT FOR
CONSTRUCTION

DATE



MATCHLINE STA 25+00

MATCHLINE STA 30+00



(17)
DAVID NEAL & MELISSA M.
TAGUE
BOOK 1002, PAGE 482

(18)
JORDAN DERRICK &
PHEBE NICOLE BENE
BOOK 3842, PAGE 132

(19)
BLAYLOCK
ENTERPRISE LLC
BOOK 2815, PAGE 126

(20)
BLAYLOCK
ENTERPRISE LLC
BOOK 2779, PAGE 088

(21)
CELESTINE & EUGENIA
ANYANWU
BOOK 1431, PAGE 621

I.P. EXIST. ROW

I.P.

I.P.

EXIST. ROW

I.P.

N 89°4'5" W - 5.00'

S 89°4'5" E - 5.00'

S 89°4'5" E - 13.24'

N 0°52'28" E - 25.93'

MANOR DRIVE

N 89°4'5" W - 6.17'

S 89°4'5" E - 6.17'

N 89°4'5" W - 17.12'

N 0°52'28" E - 55.42'

N 89°4'5" W - 5.74'

S 89°4'5" E - 5.74'

S 89°4'5" E - 7.64'

N 0°52'28" E - 16.17'

N 89°4'5" W - 13.24'

BARRIER CURB
AND GUTTER

PROPOSED R.

S 89°4'5" E - 17.12'

EXIST. ROW

N 0°52'28" E - 46.46'

N 0°52'28" E - 21.66'

N 89°4'5" W - 7.64'

(10)
CASATI-FAMILY-
REVOCABLE TRUST
BOOK 2092, PAGE 623
T.C.E. = 246 S.F.

(9)
KAREN RAE
LINEBERRY
BOOK 1756, PAGE 016
T.C.E. = 343 S.F.

(8)
JAMES WINDSOR &
MARY ANN EWIGMAN
TRUST
BOOK 3201, PAGE 051
T.C.E. = 232 S.F.

(7)
ROBERT J. & KATHRYN C.
PAULUS
BOOK 2972, PAGE 129
T.C.E. = 160 S.F.

(6)
MICHAEL E.
WISE
BOOK 3296 PAGE 003
T.C.E. = 366 S.F.

(5)
PAMELA K.
ROE
BOOK 2718 PAGE 144
T.C.E. = 126 S.F.

TCE

TCE

TCE

TCE

TCE

EXIST. ROW

N 0°52'28" E - 52.62'

SLOPE LINE

N 0°52'28" E - 21.38'

TCE

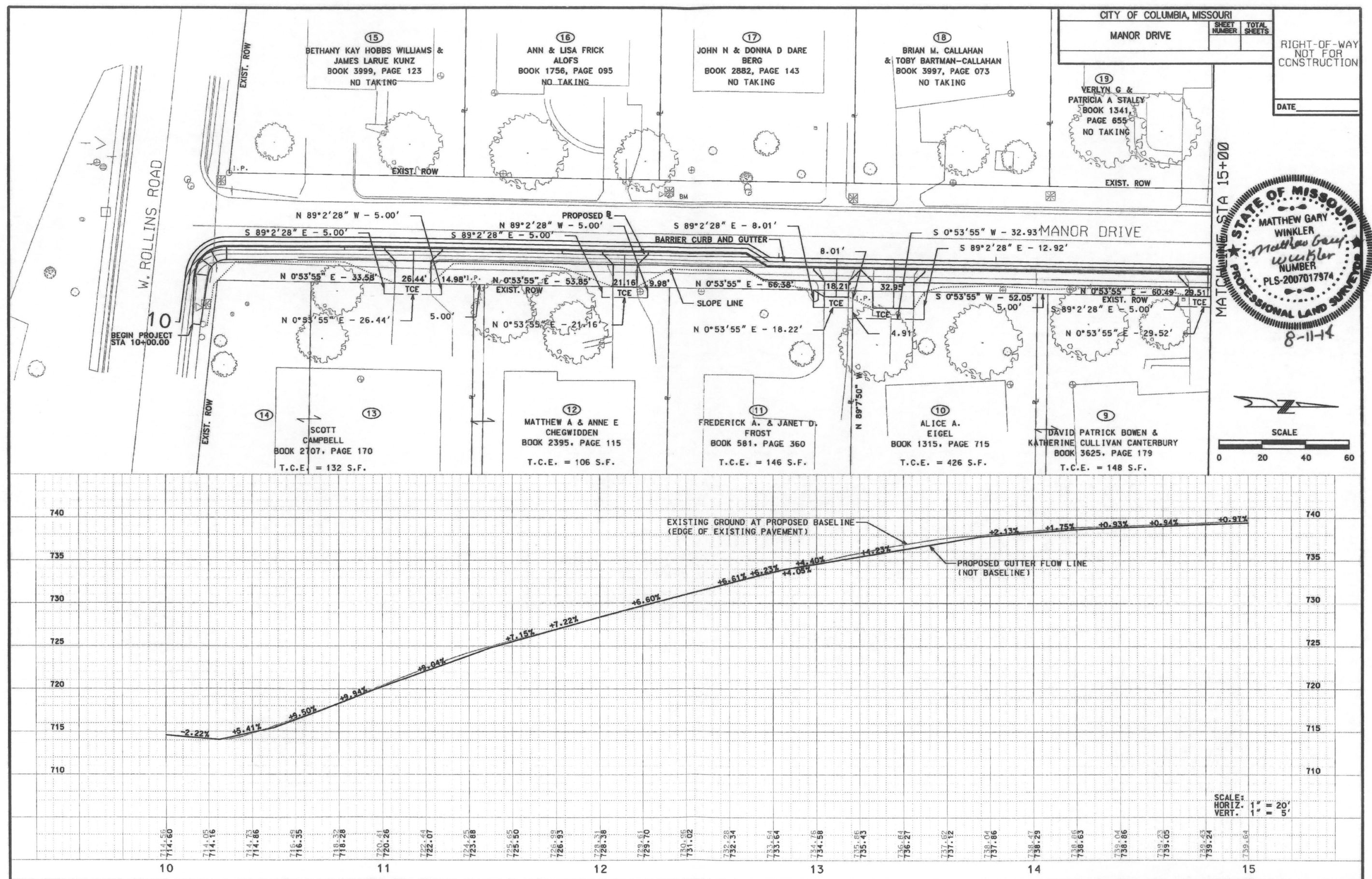
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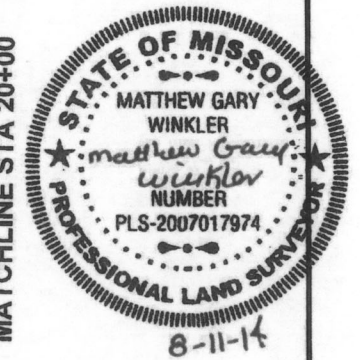
CITY OF COLUMBIA, MISSOURI

MANOR DRIVE

SHEET NUMBER	TOTAL SHEETS

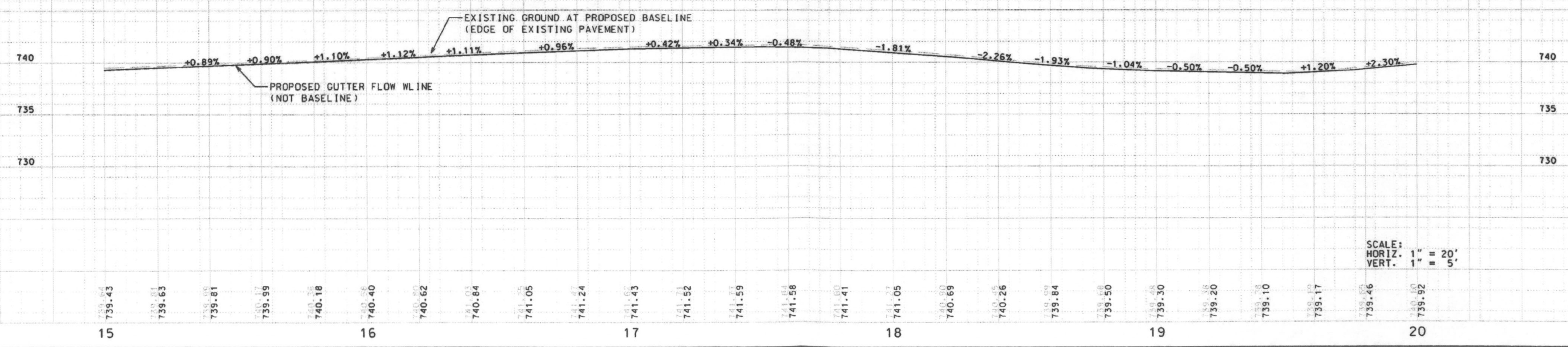
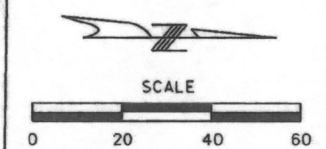
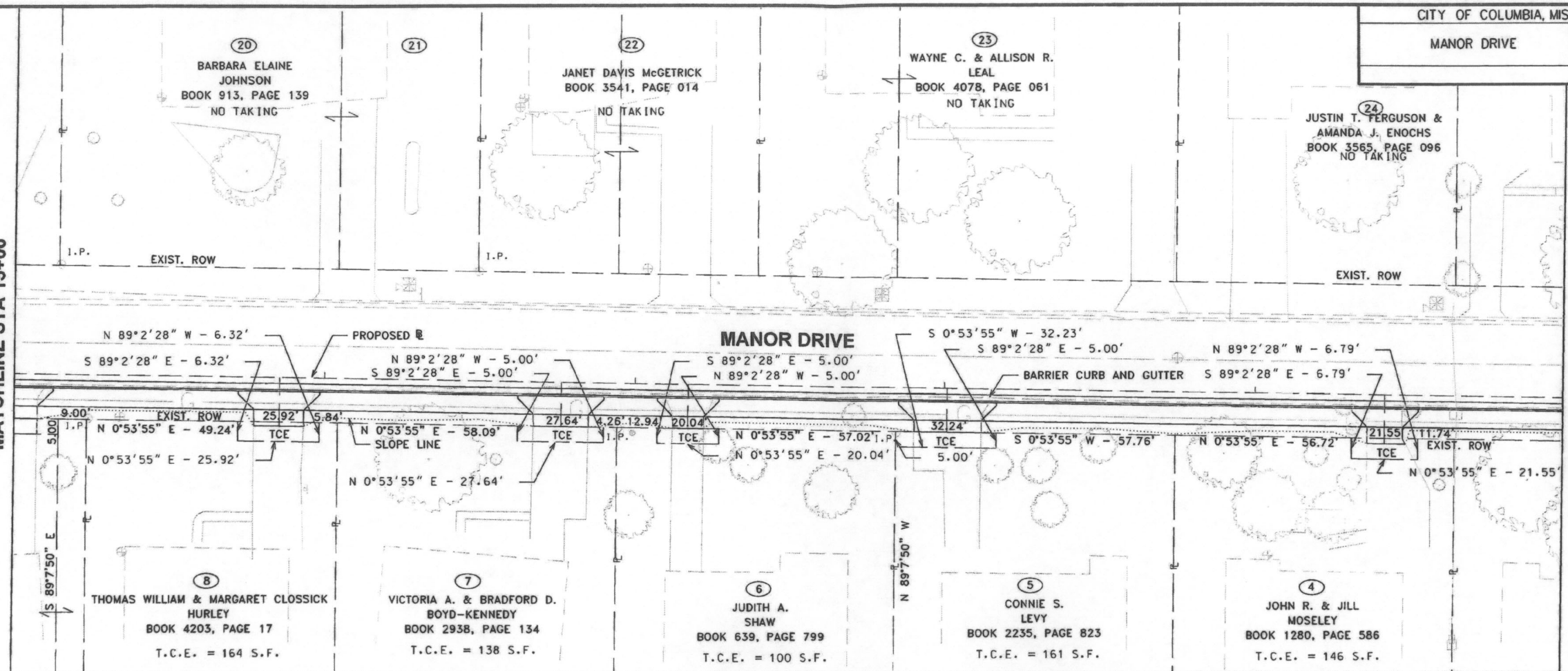
RIGHT-OF-WAY
NOT FOR
CONSTRUCTION

DATE _____



MATCHLINE STA 20+00

MATCHLINE STA 15+00



SCALE:
HORIZ. 1" = 20'
VERT. 1" = 5'

CITY OF COLUMBIA, MISSOURI

MANOR DRIVE

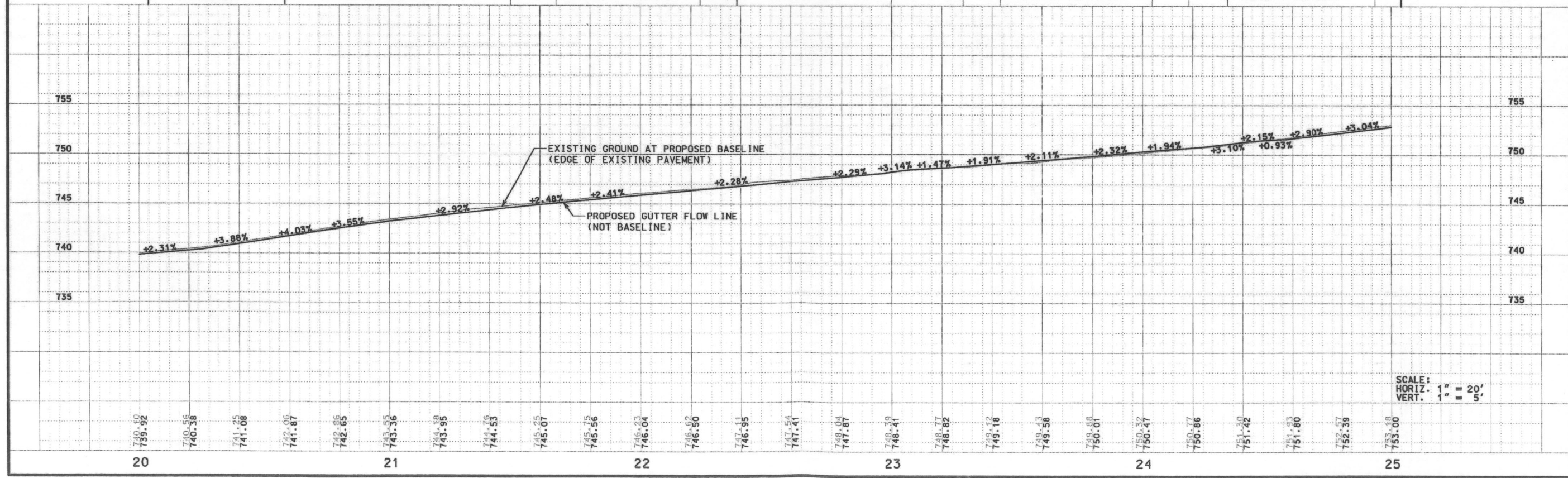
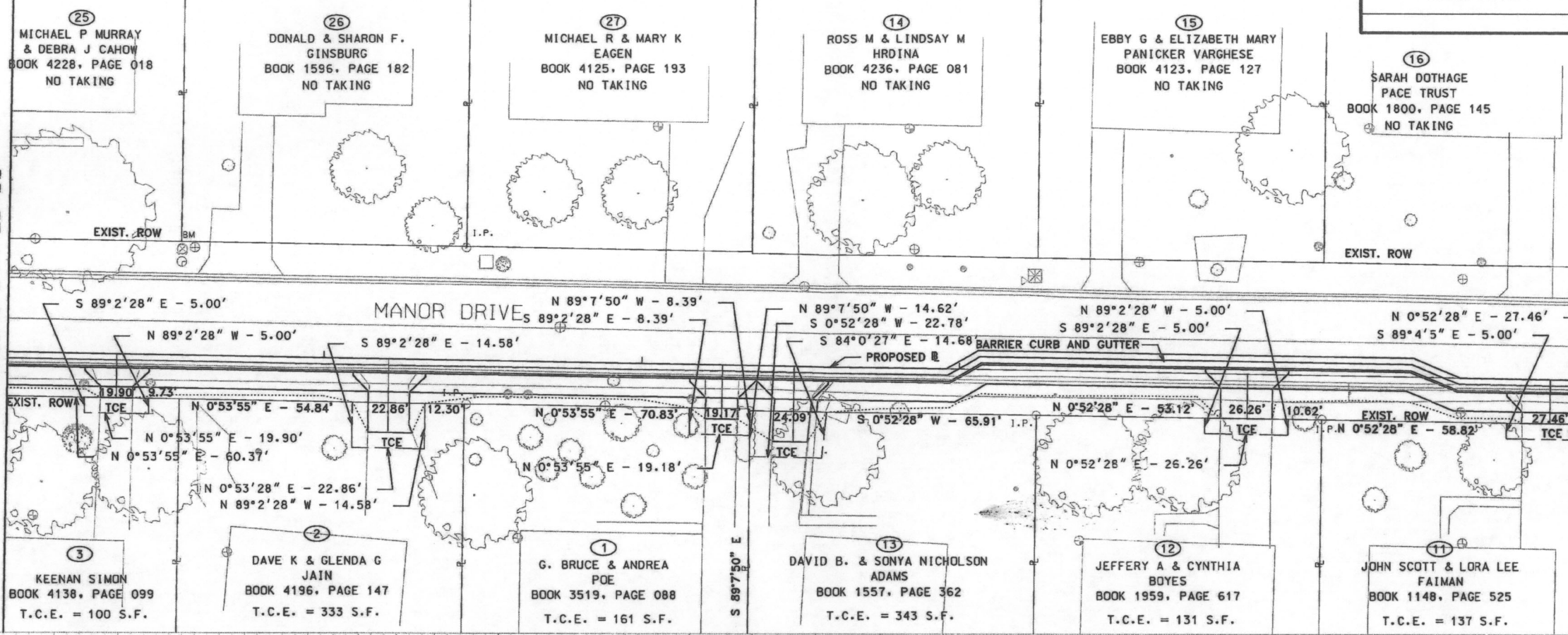
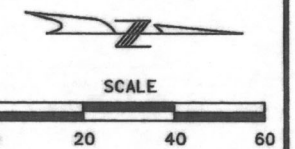
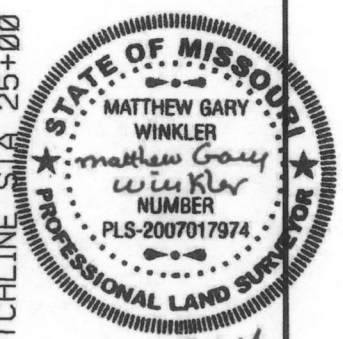
SHEET NUMBER	TOTAL SHEETS

RIGHT-OF-WAY
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CONSTRUCTION

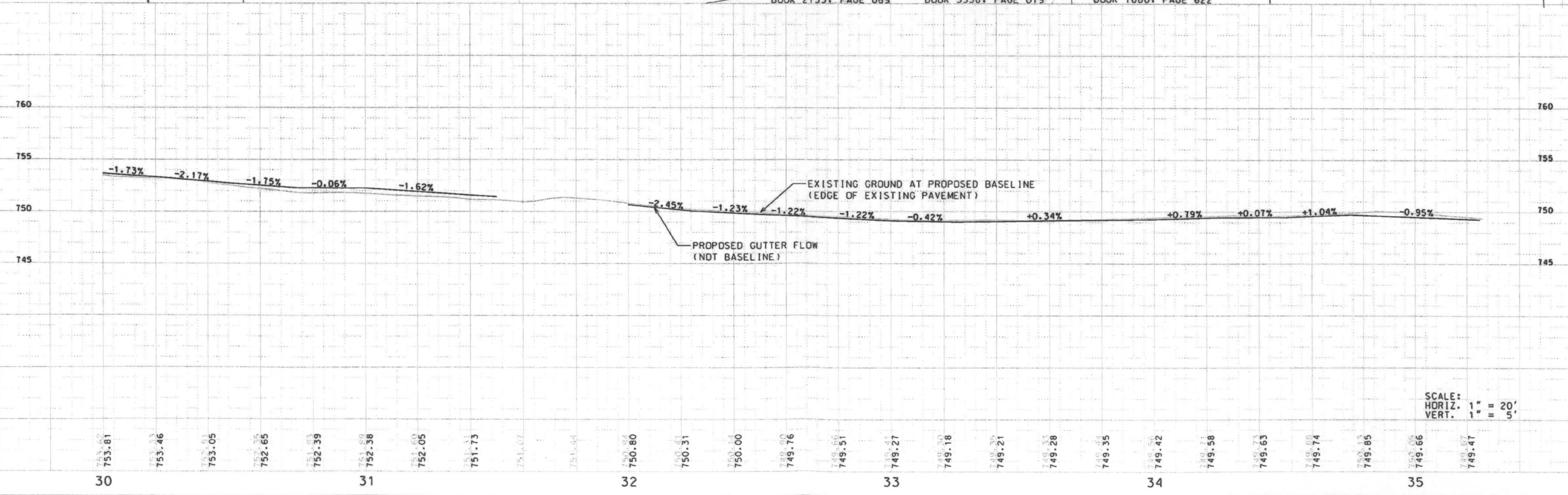
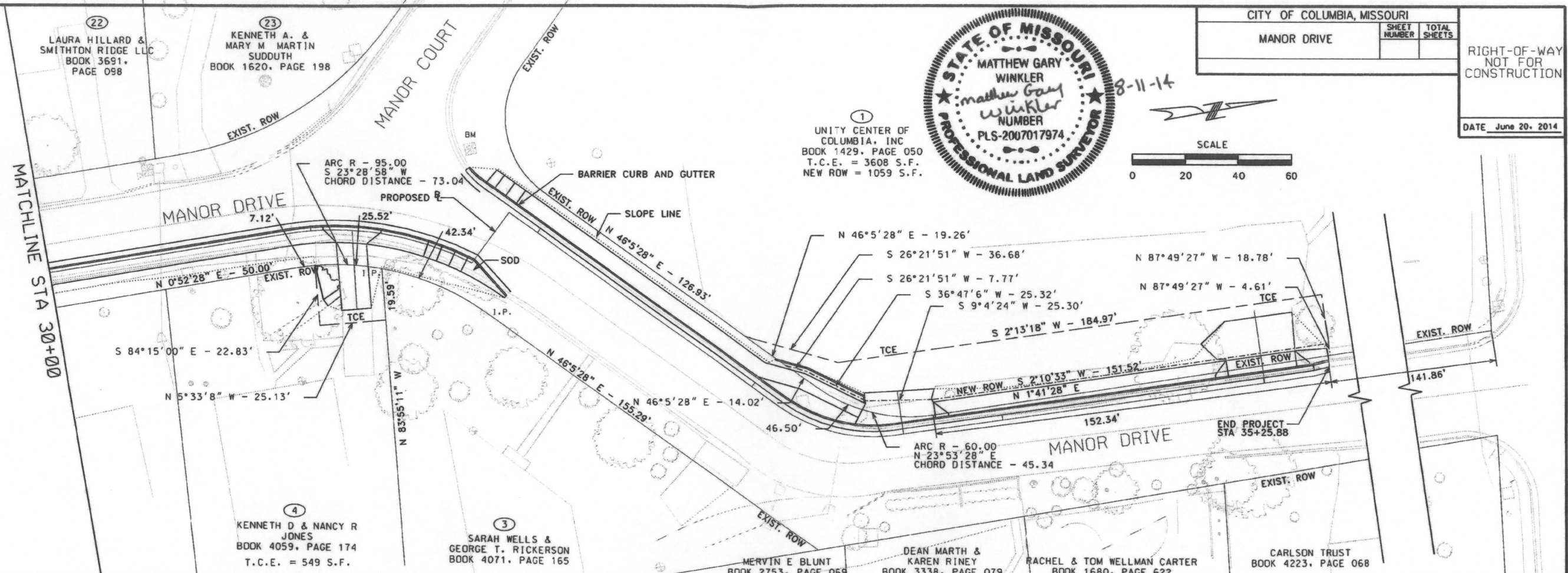
DATE _____

MATCHLINE STA 20+00

MATCHLINE STA 25+00



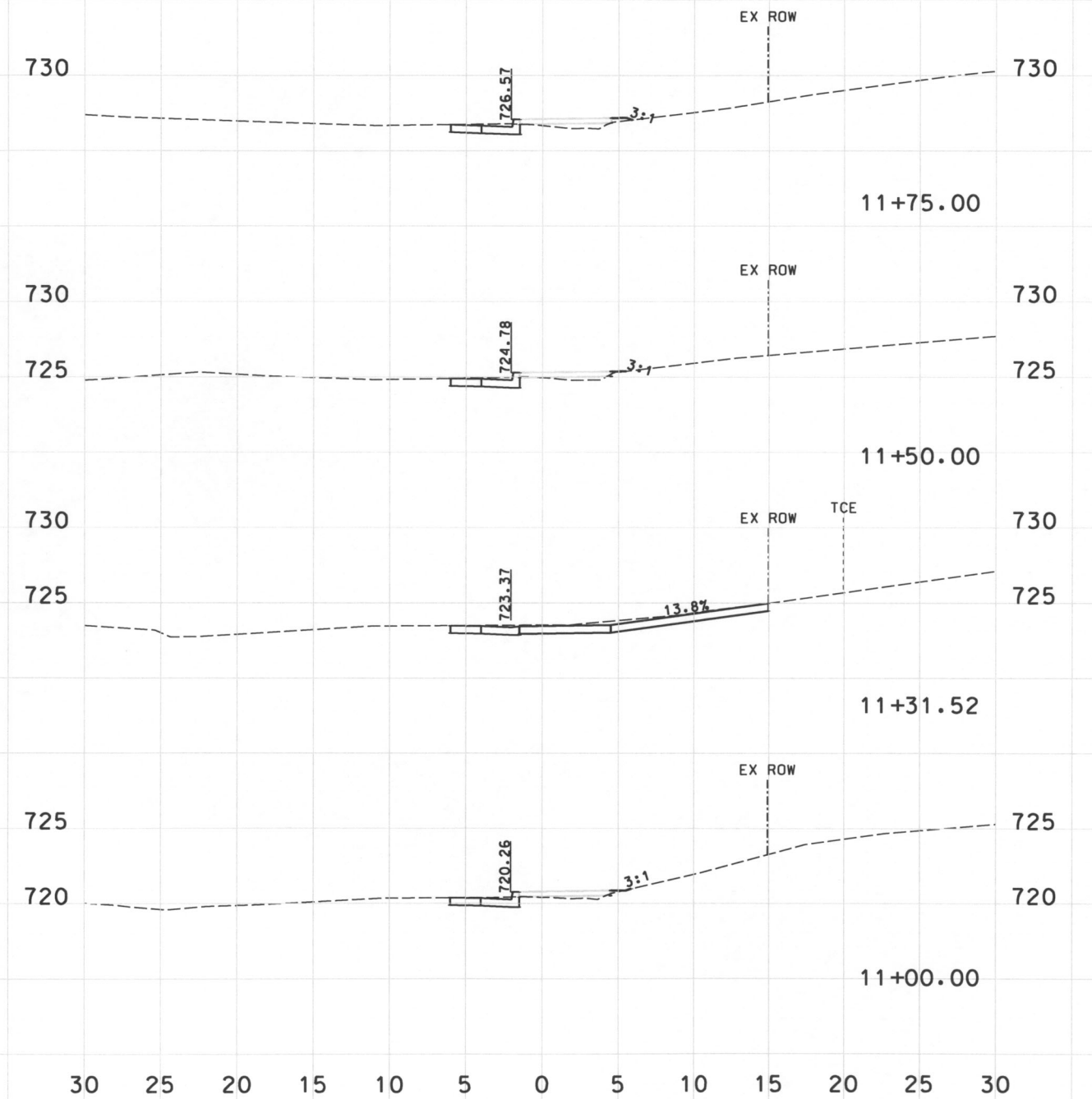
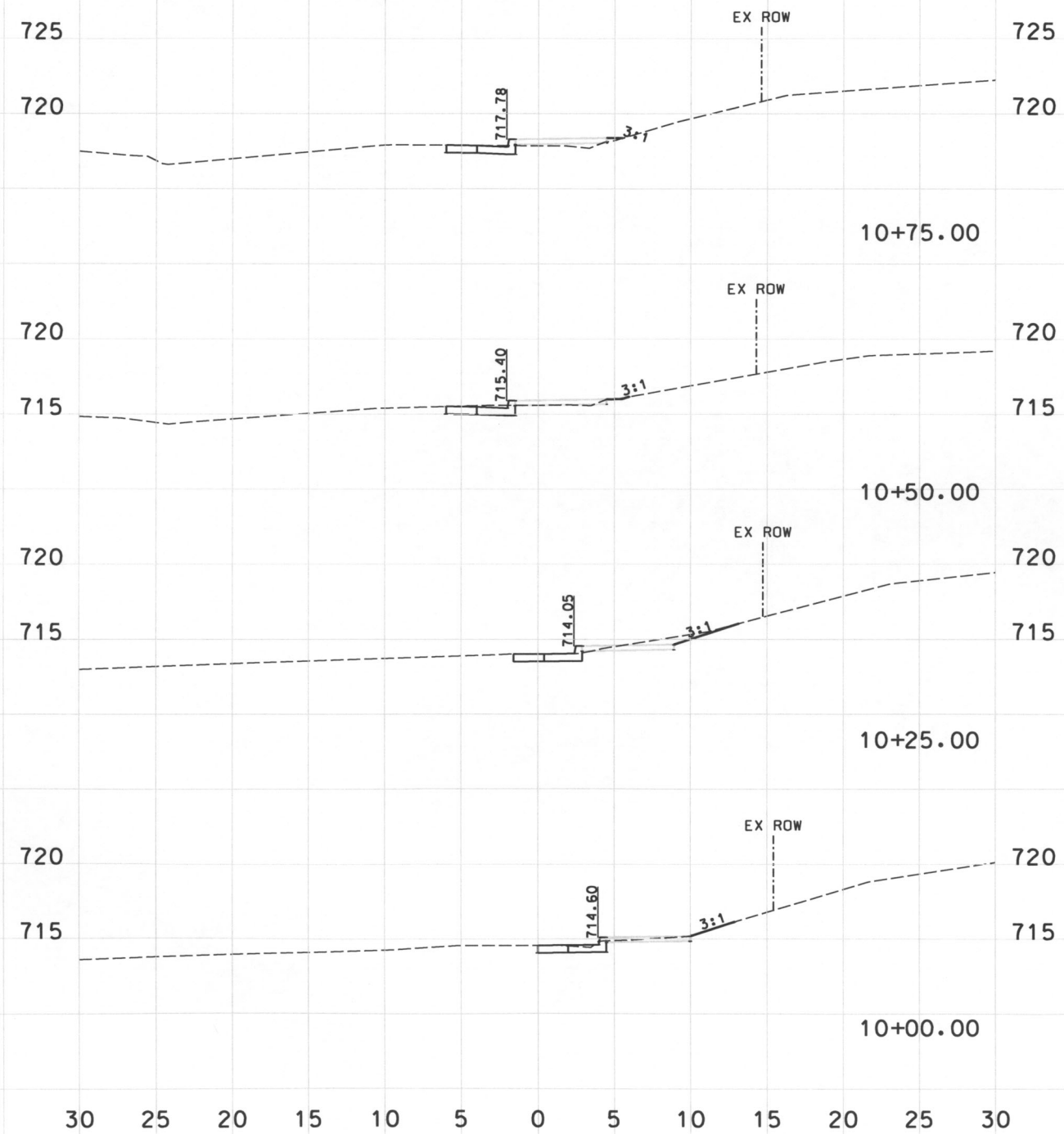
SCALE:
HORIZ. 1" = 20'
VERT. 1" = 5'



CITY OF COLUMBIA, MISSOURI		
MANOR DRIVE	SHEET NUMBER	TOTAL SHEETS
	8	21
CROSS SECTIONS		

RIGHT-OF-WAY
NOT FOR
CONSTRUCTION

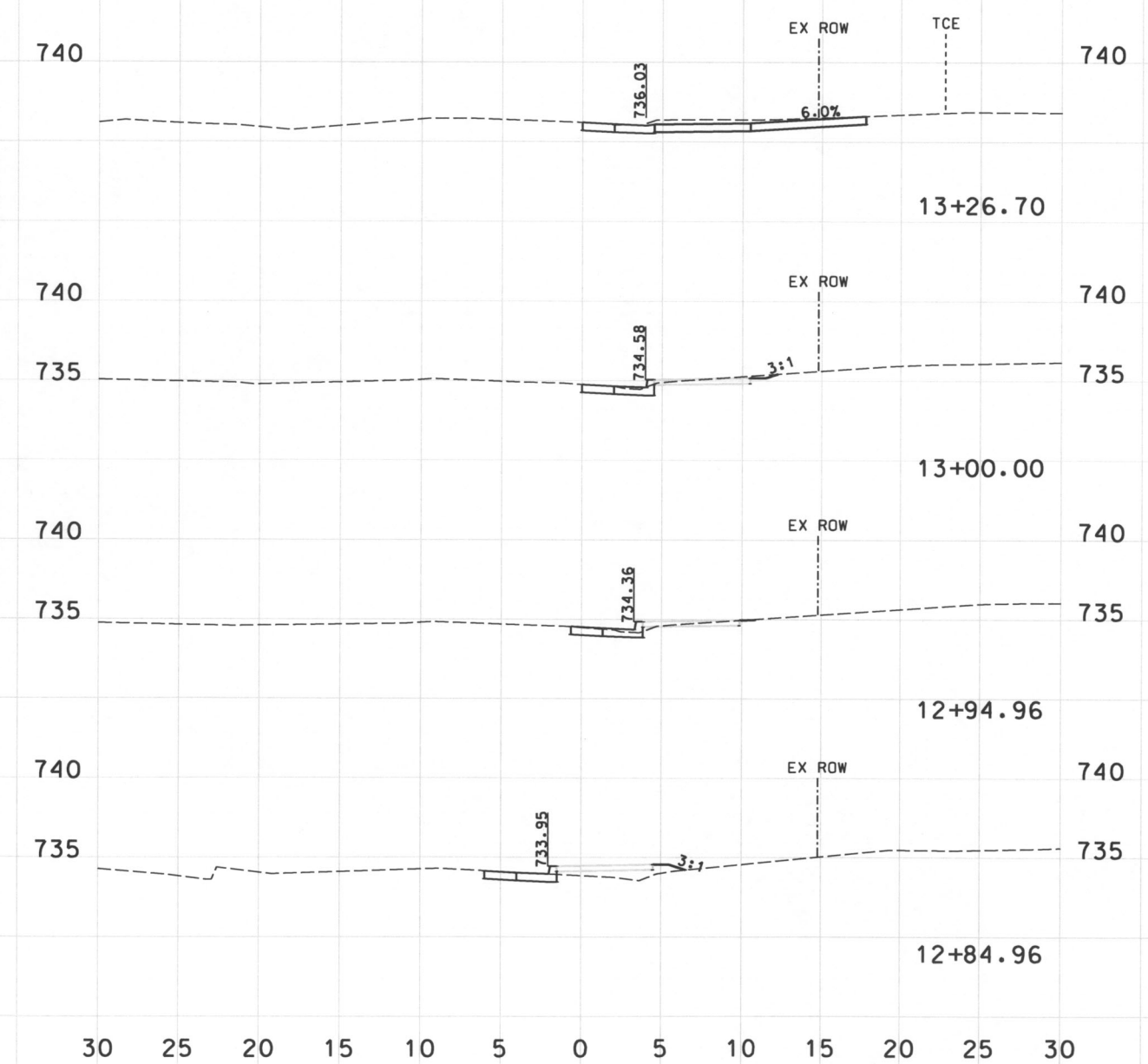
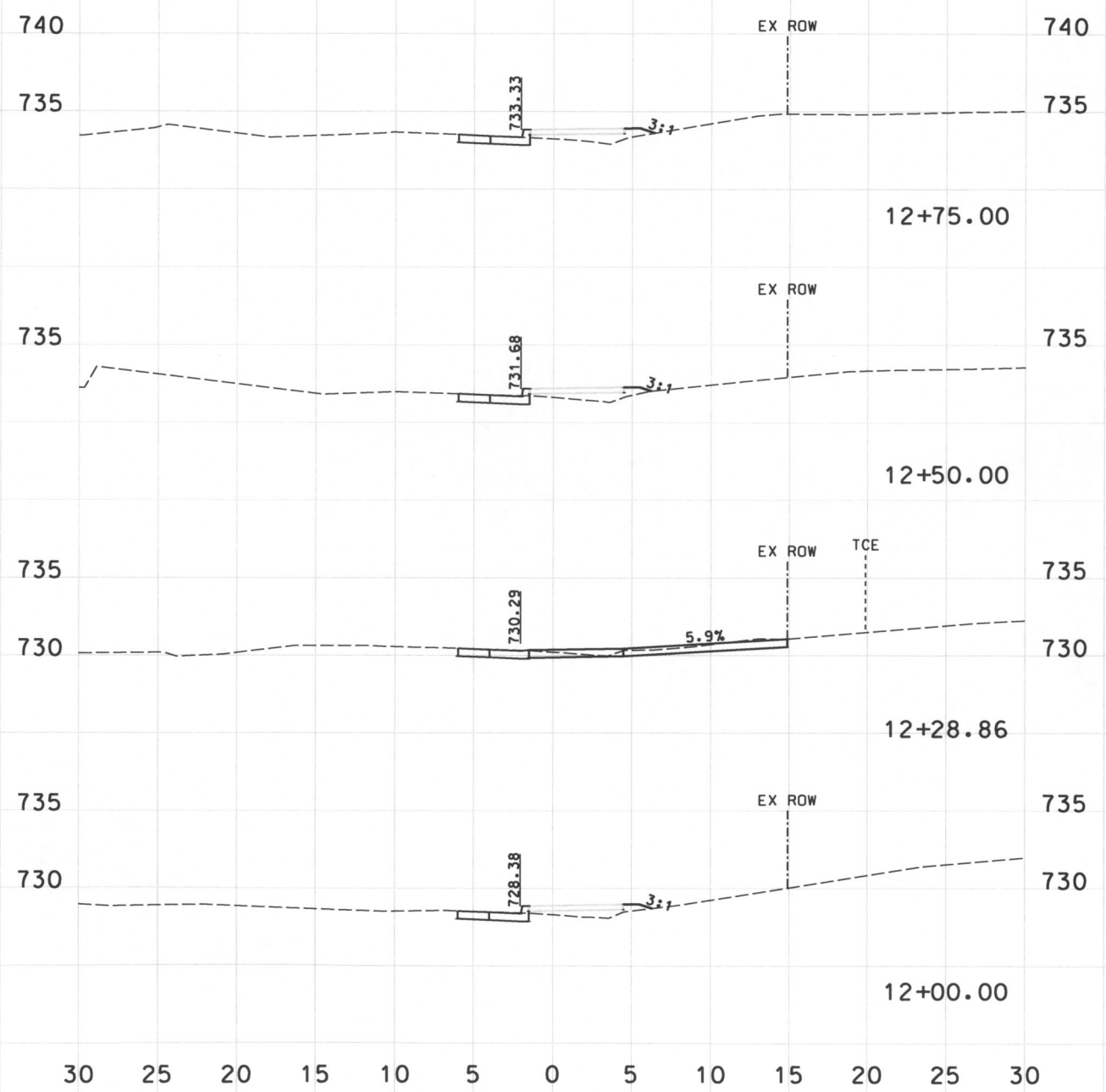
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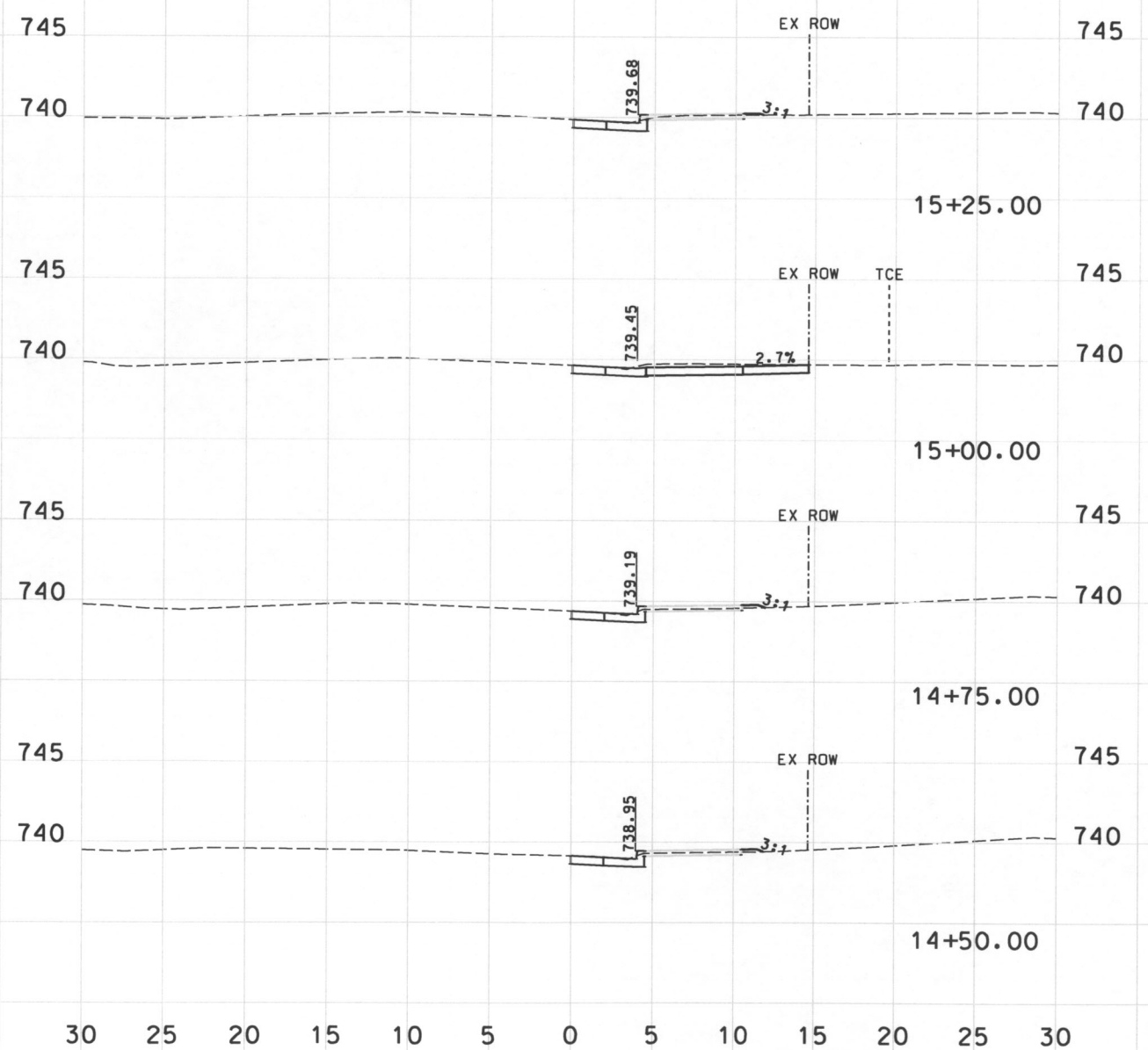
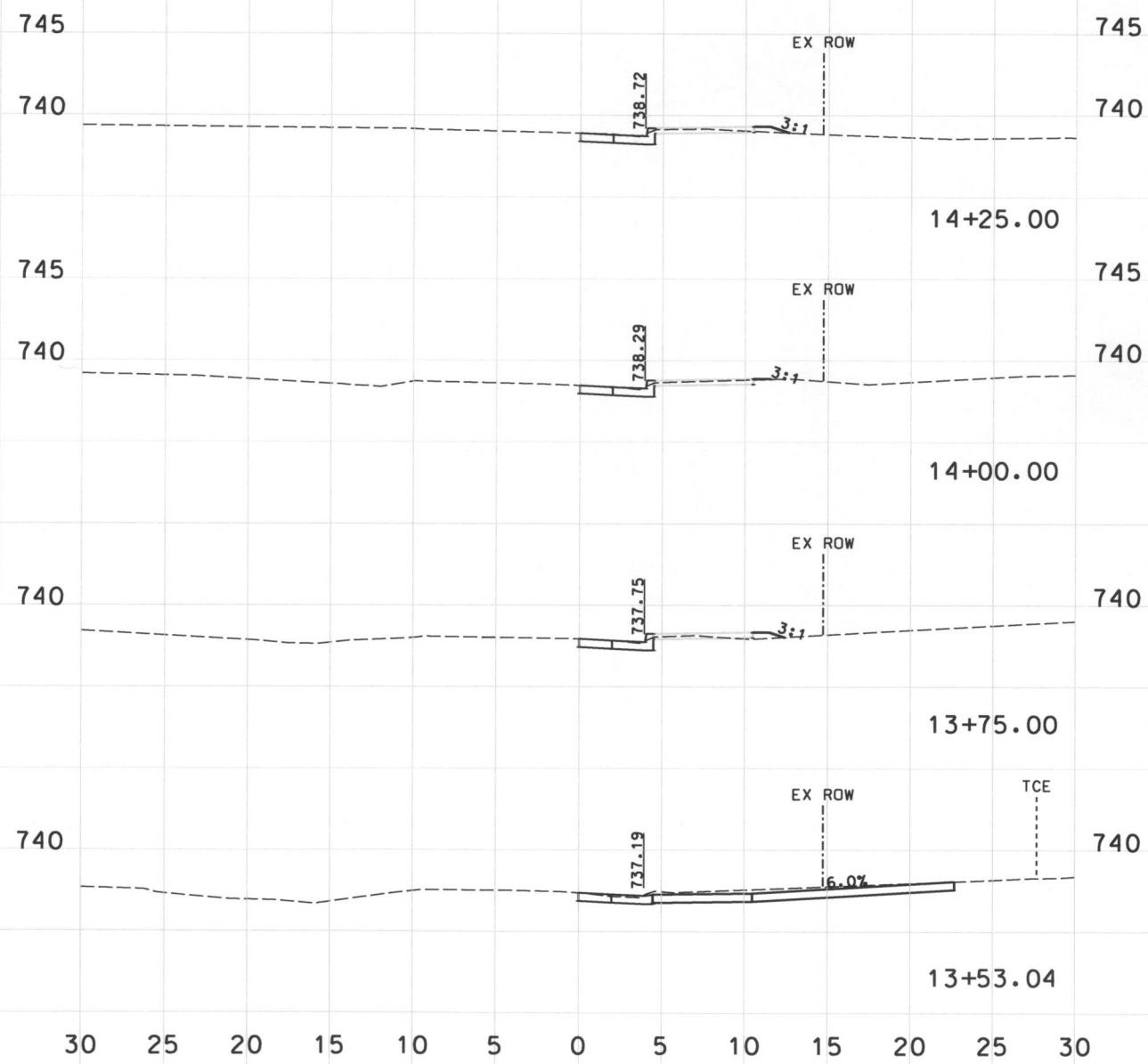


CITY OF COLUMBIA, MISSOURI		
MANOR DRIVE	SHEET NUMBER	TOTAL SHEETS
	9	21
CROSS SECTIONS		

RIGHT-OF-WAY
NOT FOR
CONSTRUCTION

DATE June 20, 2014

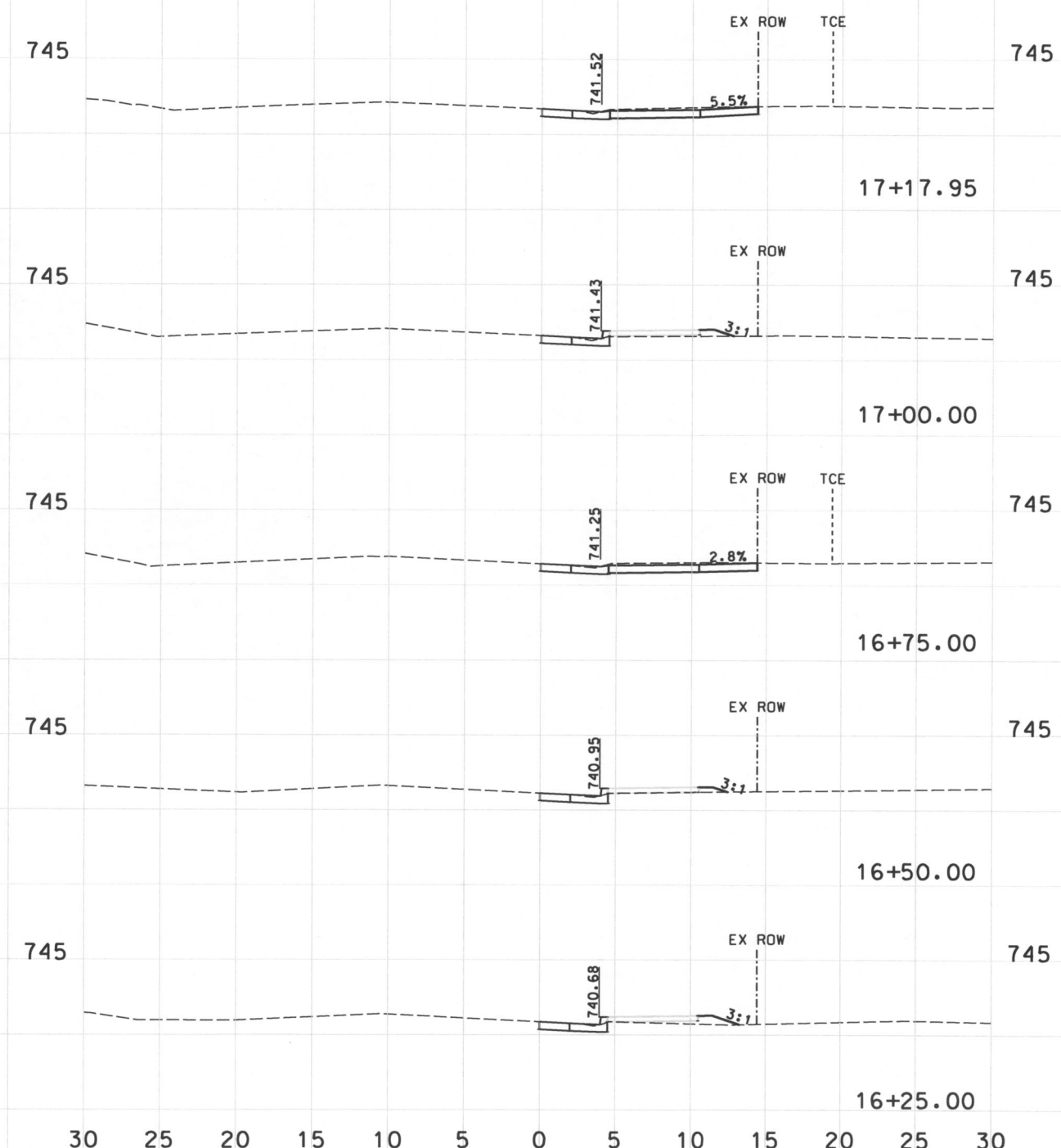
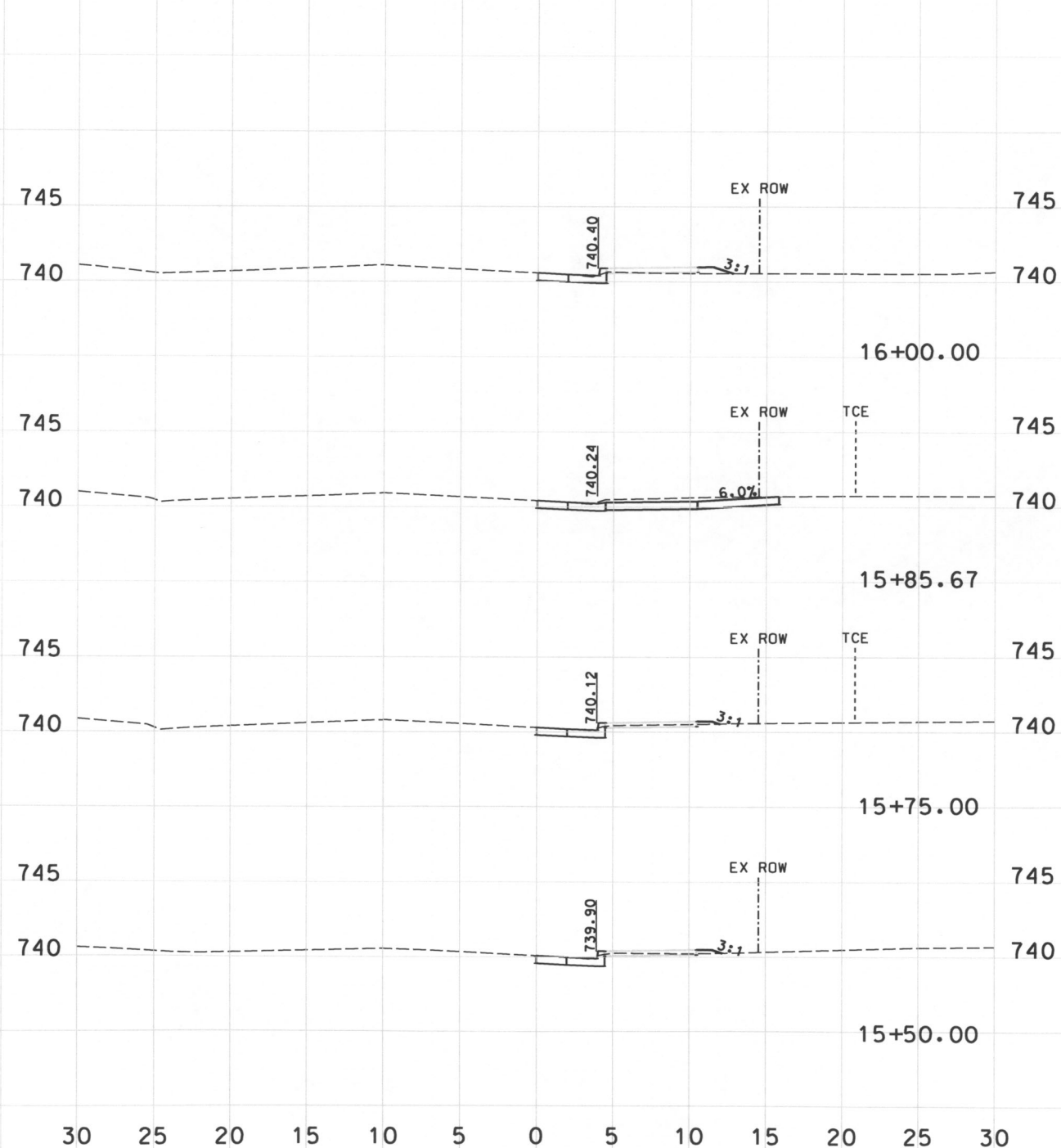


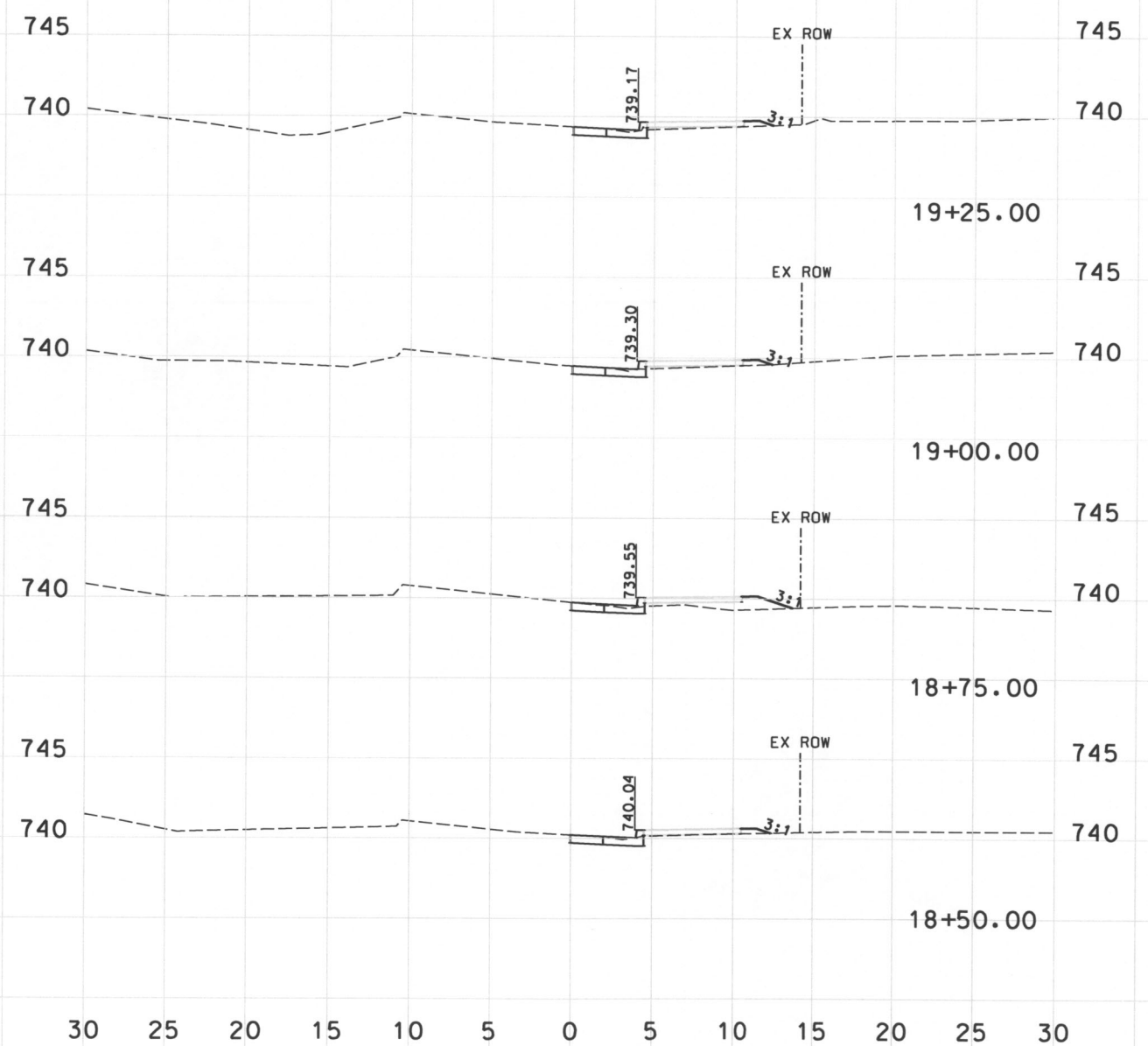
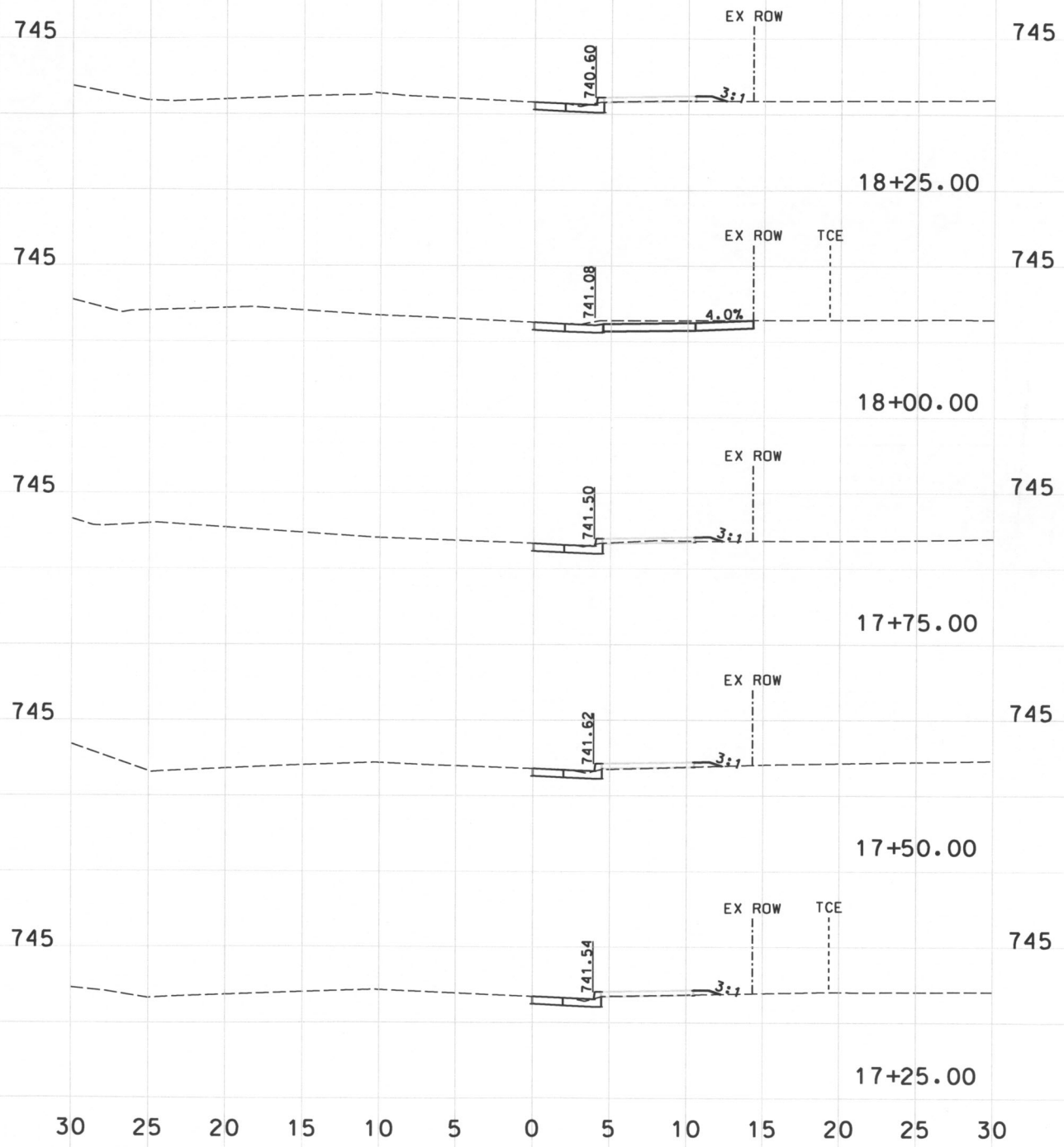


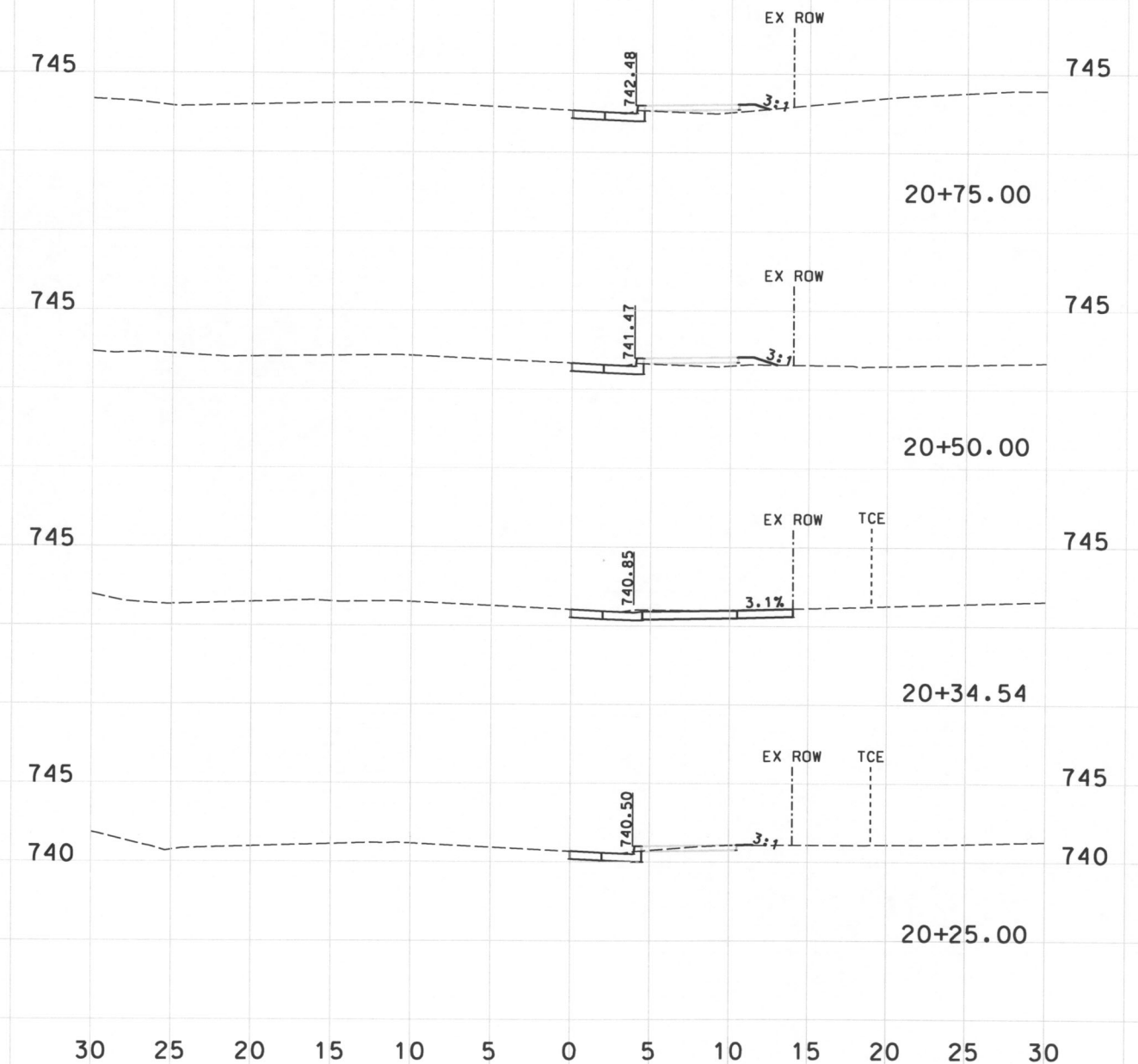
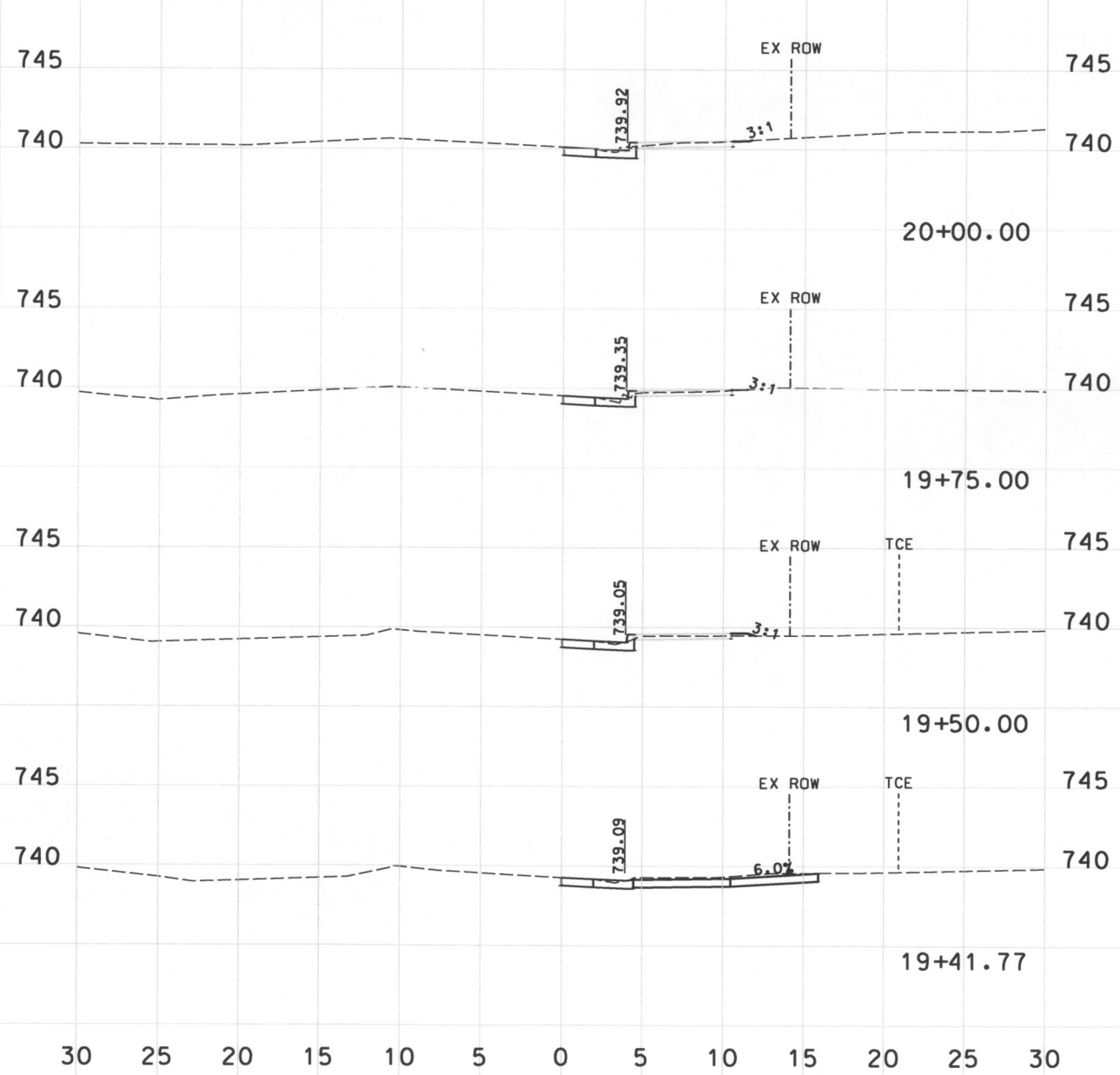
CITY OF COLUMBIA, MISSOURI		
MANOR DRIVE		SHEET NUMBER
		11
		TOTAL SHEETS
		21
CROSS SECTIONS		

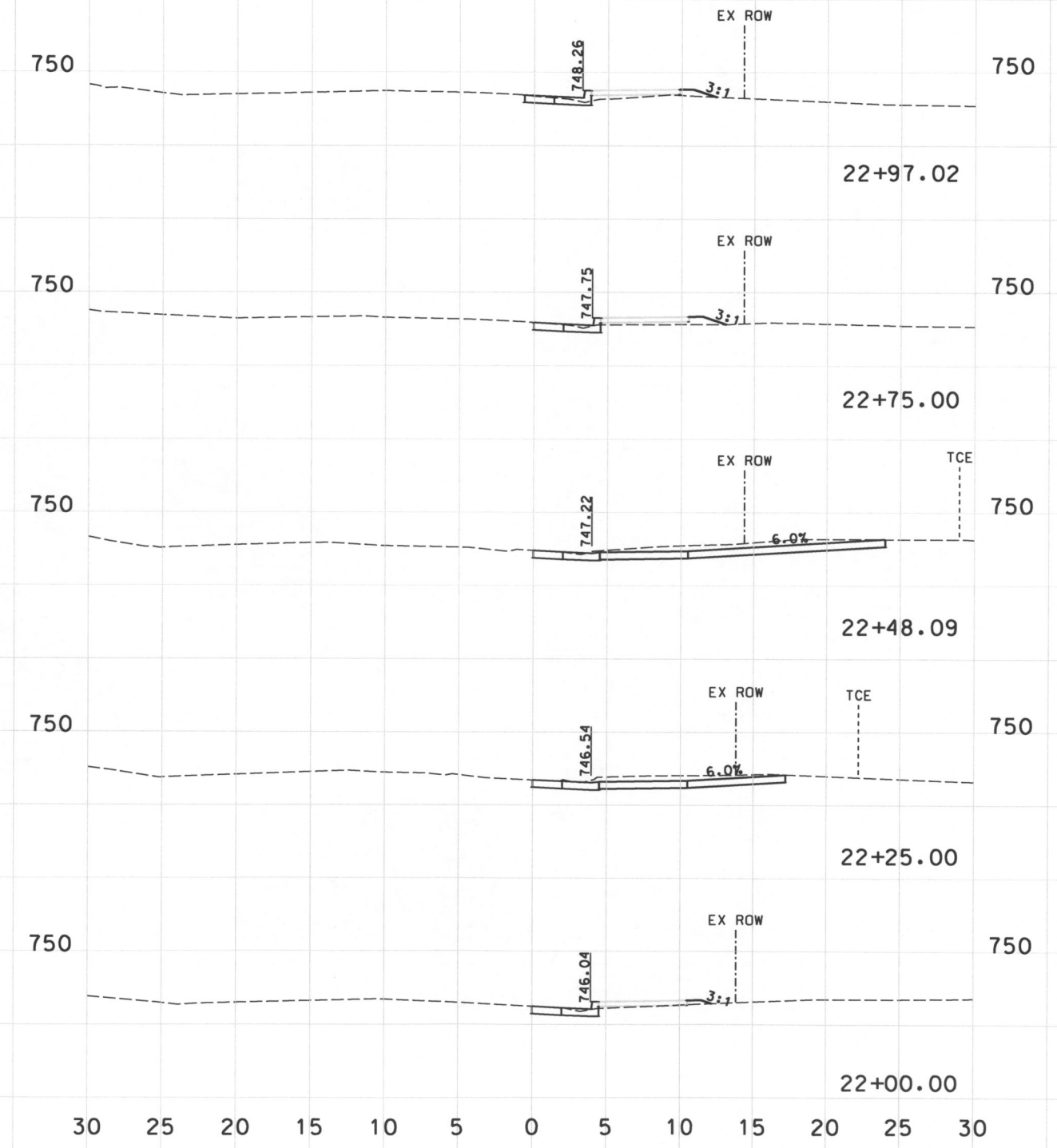
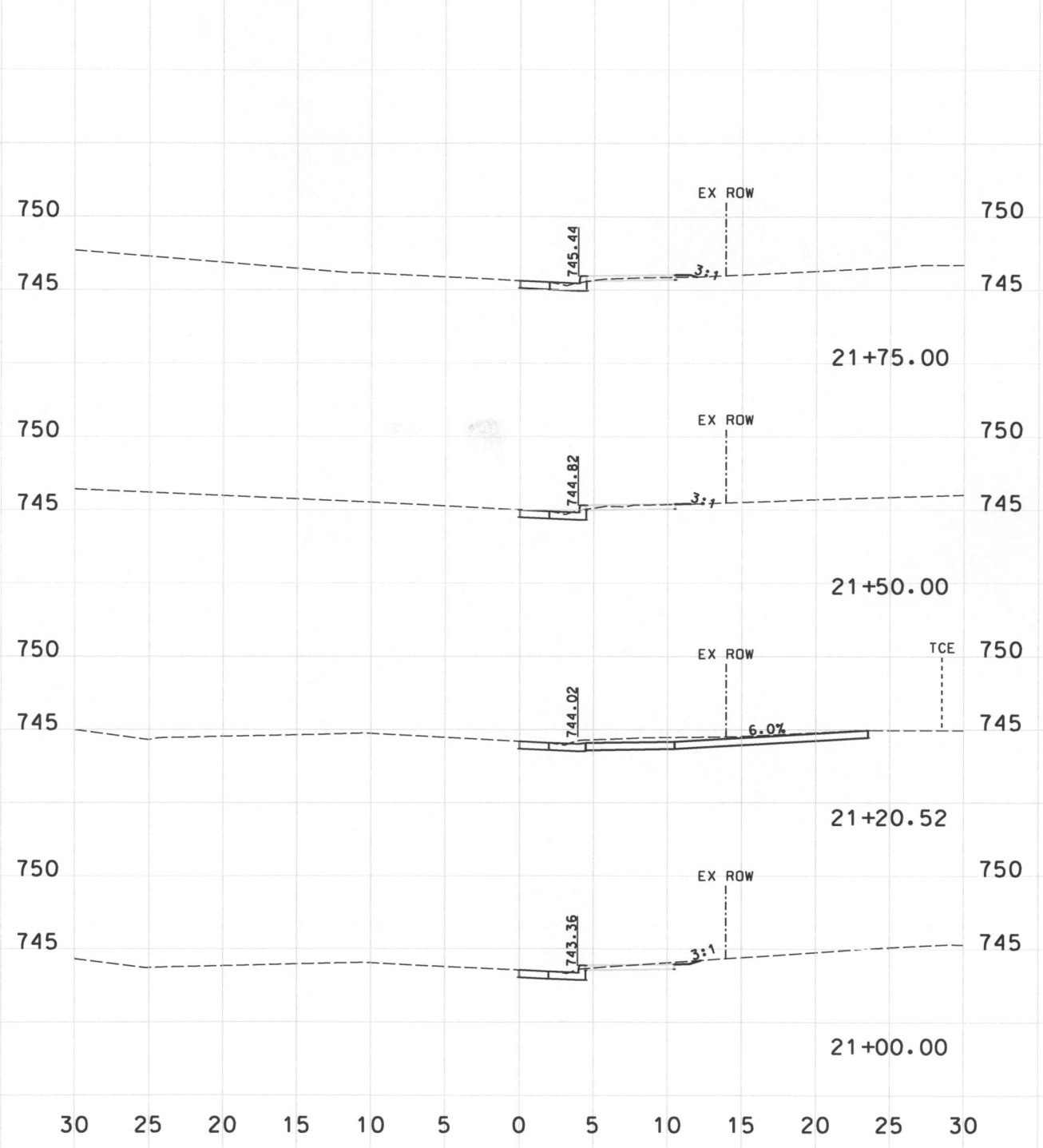
RIGHT-OF-WAY
NOT FOR
CONSTRUCTION

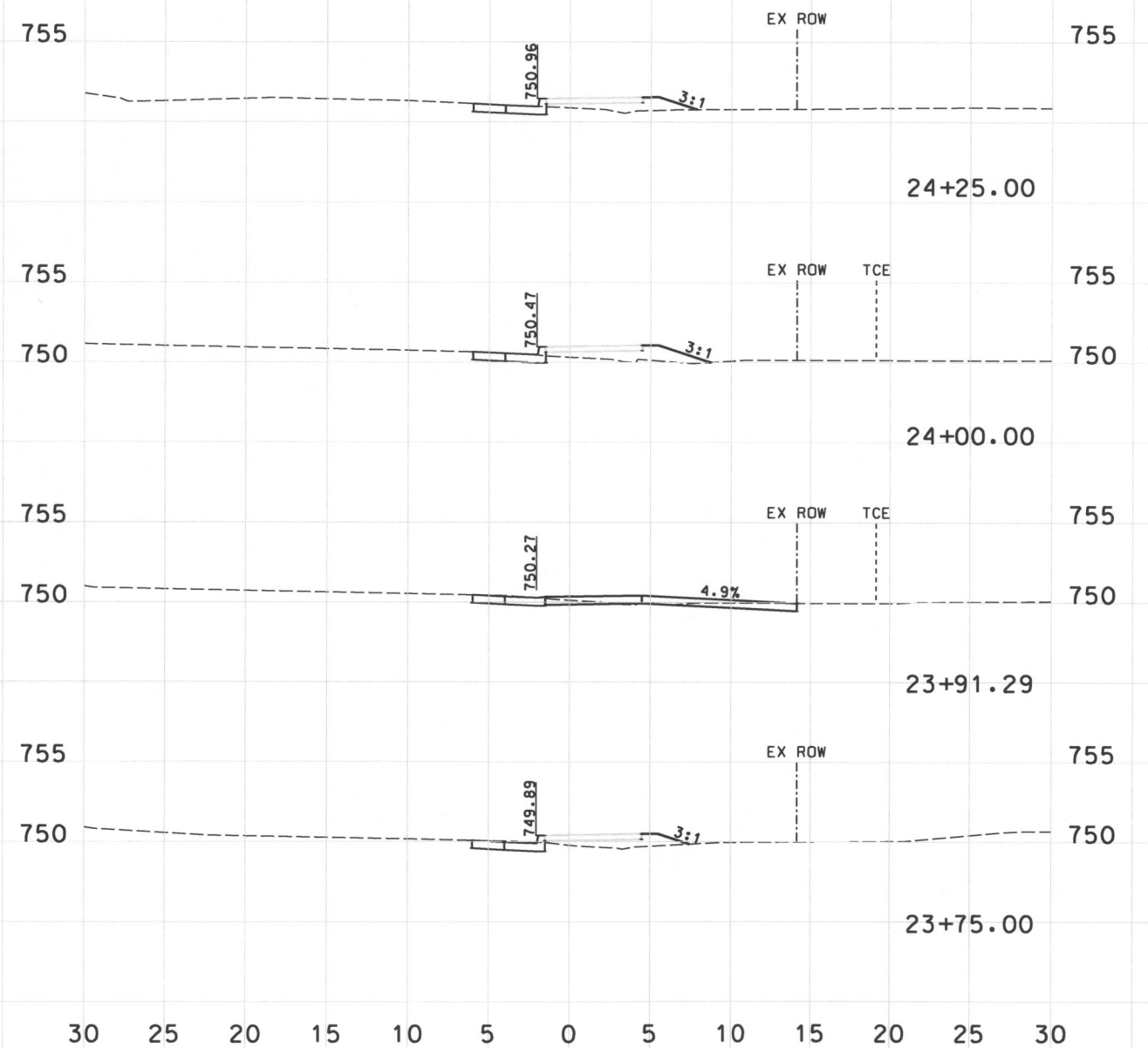
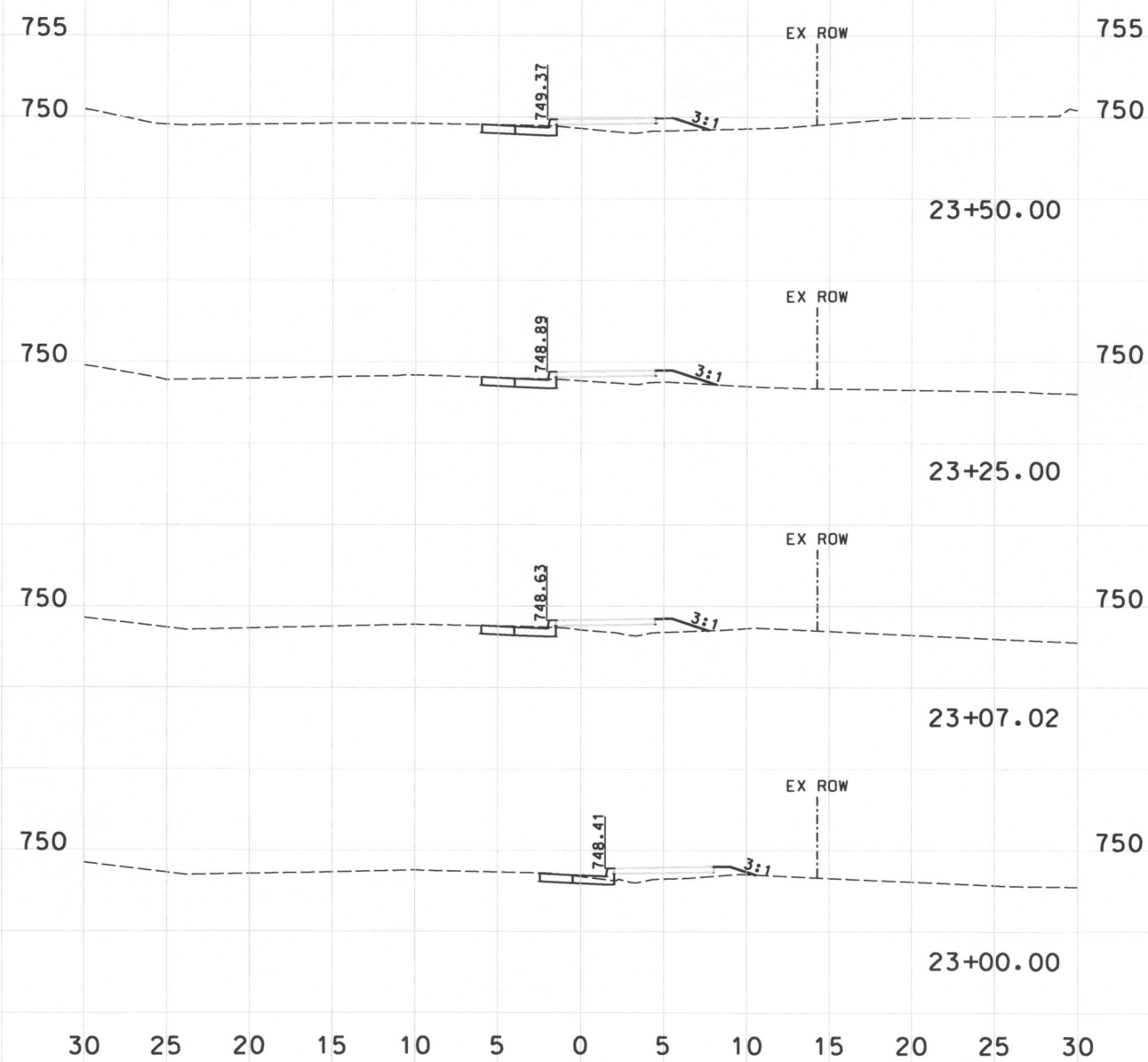
DATE June 20, 2014

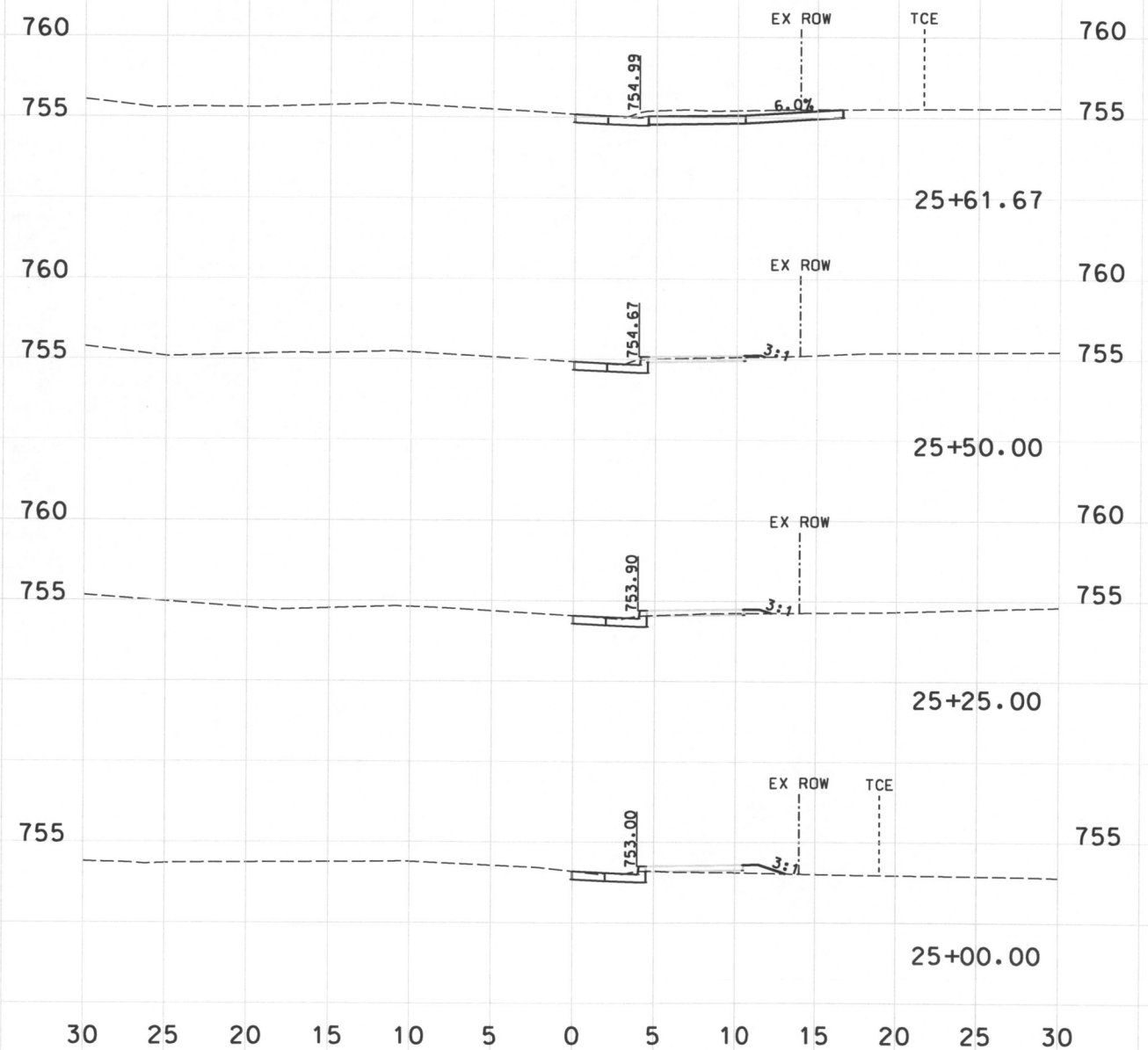
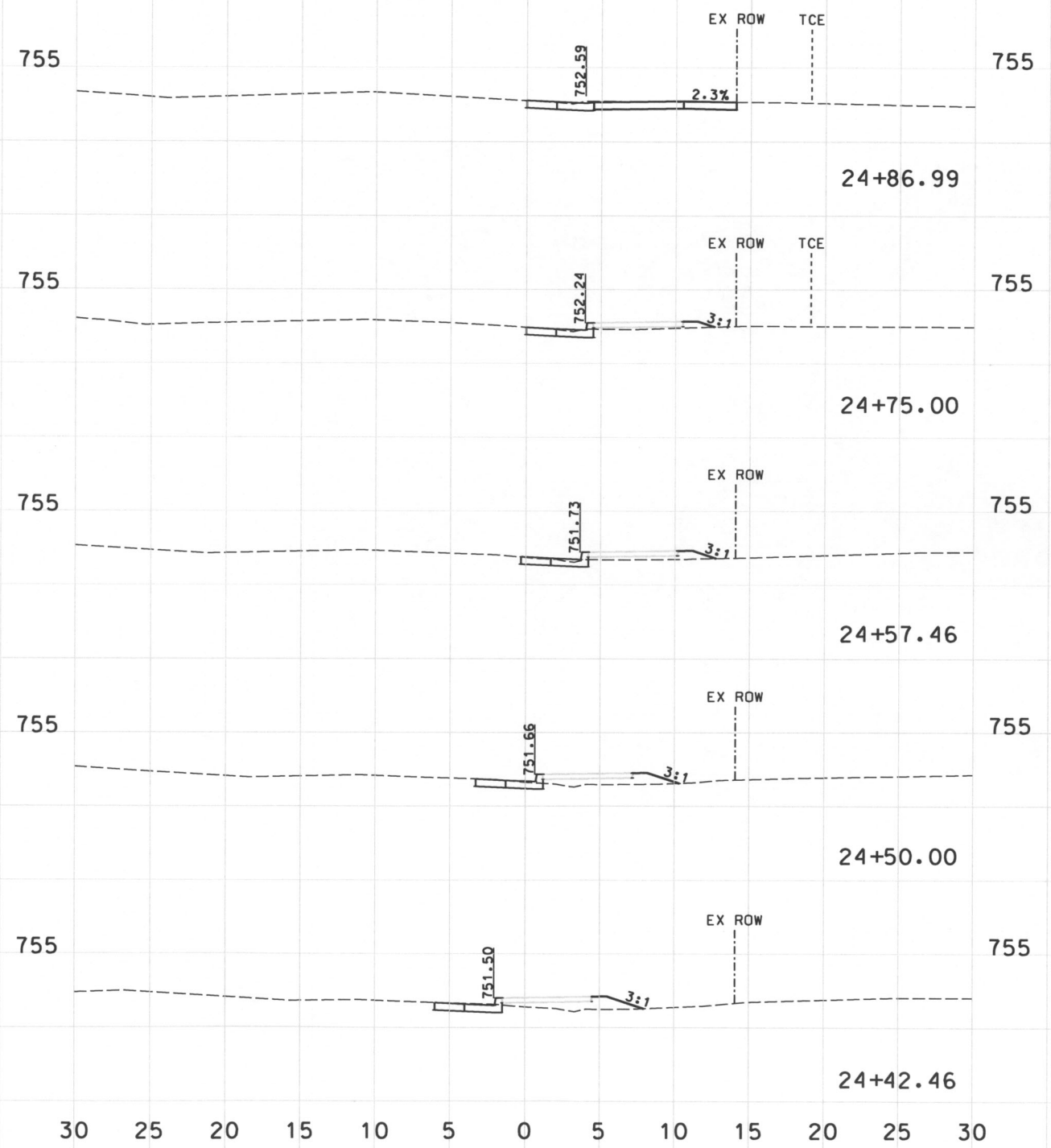


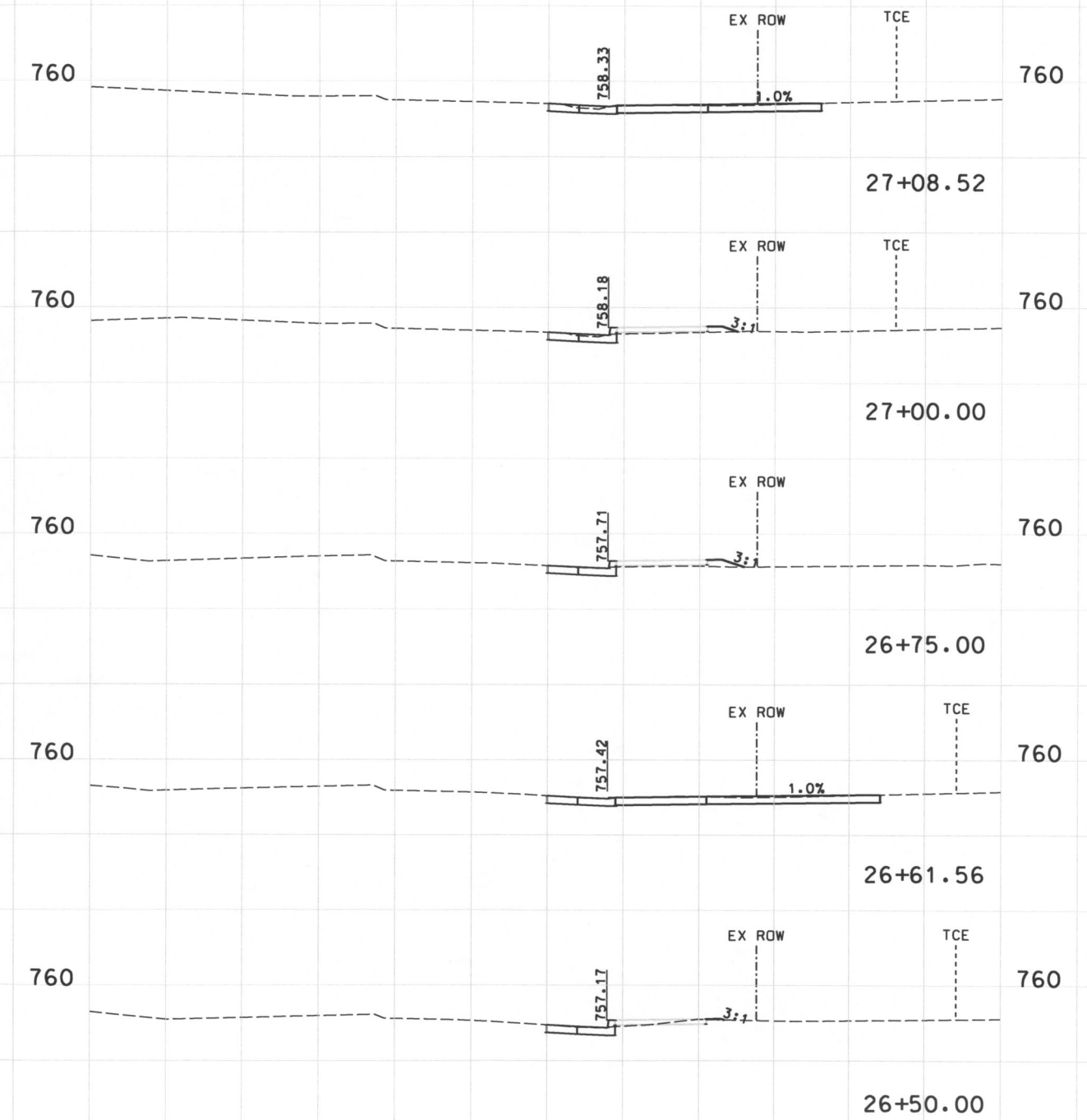
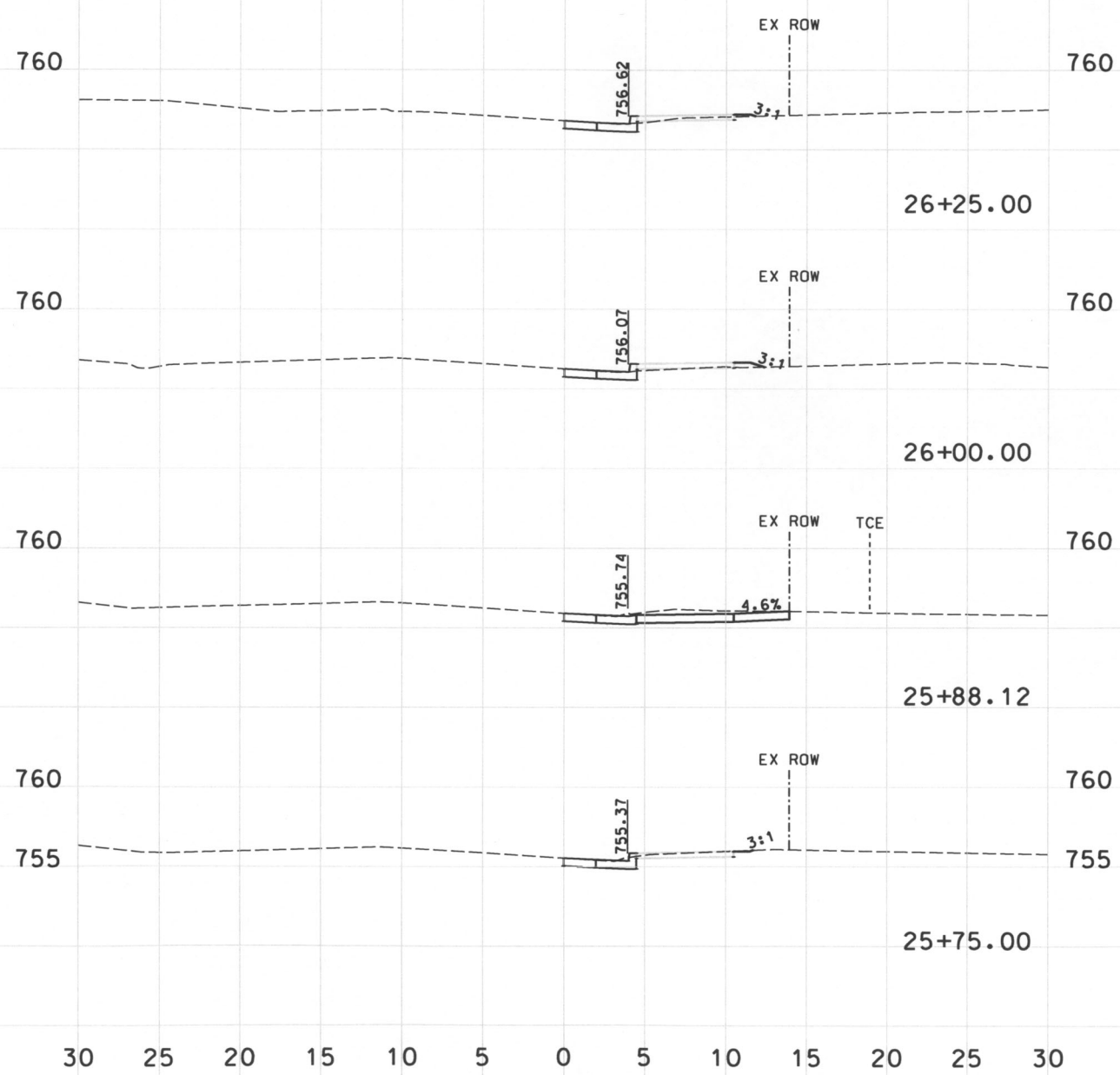












30 25 20 15 10 5 0 5 10 15 20 25 30

30 25 20 15 10 5 0 5 10 15 20 25 30

CITY OF COLUMBIA, MISSOURI		
MANOR DRIVE		
SHEET NUMBER	TOTAL SHEETS	
18	21	
CROSS SECTIONS		

RIGHT-OF-WAY
NOT FOR
CONSTRUCTION

DATE June 20, 2014

