# MAGUIRE ROAD SLOPE STABILIZATION

### LOCATION MAP



#### PROJECT BENCHMARK:

TBM #1 - NORTH OF THE WORK AREA AND ON THE WEST SIDE OF MAGUIRE ROAD NEAR STATION 31+30.00, A TBM IS LOCATED AT THE SW CORNER AT END OF WALL AT

#### FLOOD PLAIN STATEMENT:

NO PART WITHIN THE WORKING LIMITS OF THIS PROJECT IS LOCATED WITHIN A SPECIAL FLOOD HAZARD AREA SUBJECT TO SEC 29-2.3(D)(4)(I) OF THE CODE OF ORDINANCES AND AS SHOWN ON THE FEMA F.I.R.M. PANEL #29019C0291E, DATED APRIL 19, 2017.

## **UTILITY COMPANIES:**

LOCATES: MISSOURI ONE CALL INC. 1022 B NORTHEAST DRIVE JEFFERSON CITY, MO 65109



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

# FIBER OPTIC:

1-800-344-7483

CITY OF COLUMBIA P.O. BOX 6015 COLUMBIA, MO 65205 573-874-7325

#### **GENERAL NOTES:**

CONTRACTOR WILL BE RESPONSIBLE FOR PLACEMENT AND MAINTENANCE OF TRAFFIC CONTROL DEVICES NECESSARY TO COMPLETE THEIR PORTION OF WORK. THE DEVICES AND METHODS EMPLOYED WILL COMPLY WITH THE CURRENT VERSION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

EXISTING UTILITIES SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL COORDINATE LOCATES (HORIZONTAL AND VERTICAL) PRIOR TO ANY EXCAVATION.

ALL EXCAVATION TO BE IN ACCORDANCE WITH SECTIONS 319.010-319.050, REVISED STATUTES OF THE STATE OF MISSOURI. SUCH COMPLIANCE SHALL NOT, HOWEVER, EXCUSE ANY PERSON MAKING ANY EXCAVATION FROM DOING SO IN A CAREFUL AND PRUDENT MANNER, NOR SHALL IT EXCUSE SUCH PERSON FROM LIABILITY FOR ANY DAMAGE OR INJURY TO UNDERGROUND UTILITIES RESULTING FROM THE EXCAVATION.

A GEOTECHNICAL EVALUATION OF THE SUBSURFACE SOIL, GROUNDWATER CONDITIONS, AND A SLOPE STABILITY ANALYSIS HAS NOT BEEN PERFORMED BY THIS ENGINEER. THE OWNER SHALL SATISFY THEMSELVES OF ALL GEOTECHNICAL CONDITIONS PRIOR TO ANY

ALL LAND DISTURBANCE ACTIVITIES SHALL BE IN ACCORDANCE WITH CHAPTER 12A OF THE CITY OF COLUMBIA CODE OF

THERE IS NO REGULATED STREAM BUFFER WITHIN THE LIMITS OF THIS PROJECT AS DETERMINED BY THE USGS MAP FOR COLUMBIA QUADRANGLE, BOONE COUNTY, MISSOURI AND ARTICLE X OF CHAPTER 12A OF THE CITY OF COLUMBIA CODE OF ORDINANCES.

REFER TO STORMWATER POLLUTION PREVENTION PLAN (SWPPP) FOR NARRATIVE REPORT AND BMP DESCRIPTIONS AND DETAILS.

ALL SLOPES ARE 3:1 OR FLATTER UNLESS OTHERWISE NOTED.

IT IS THE INTENT OF THESE PLANS TO COMPLY WITH THE REQUIREMENTS OF THE MoDNR CLEAN WATER COMMISSION.

ALL DISTURBED AREAS WITHIN THE "LIMITS OF DISTURBANCE" SHALL BE FINE GRADED, SEEDED, AND MULCHED.

ANY FILL PLACEMENT WITHIN STREET RIGHT-OF-WAY SHALL BE INSPECTED BY THE CITY OF COLUMBIA.

THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL EROSION CONTROL DEVICES AND REMOVING THEM ONCE THE SITE IS

ALL EXCAVATION WITHIN THE STREET RIGHT-OF-WAY SHALL BE BACKFILLED PER CURRENT CITY OF COLUMBIA SPECIFICATIONS.

LAND DISTURBANCE SITES SHOULD BE INSPECTED ON A REGULAR SCHEDULE AND WITHIN A REASONABLE TIME PERIOD (NOT TO EXCEED 48 HOURS) FOLLOWING HEAVY RAINS. REGULARLY SCHEDULED INSPECTIONS SHALL BE AT A MINIMUM OF ONCE PER WEEK. ANY DEFICIENCIES SHALL BE NOTED IN A WEEKLY REPORT OF THE INSPECTION AND CORRECTED WITHIN SEVEN CALENDAR DAYS OF THE REPORT. CONTRACTORS ARE REQUIRED TO SUBMIT TO CITY INSPECTION STAFF COPIES OF THEIR INSPECTION REPORTS REQUIRED BY THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) ON A MONTHLY BASIS IF REQUESTED.

CONTRACTOR SHALL NOTIFY ADJOINING PROPERTY OWNERS IN WRITING 30 DAYS PRIOR TO CONSTRUCTION BEGINNING.

TOTAL DISTURBED AREA ON SITE = 1.42 ACRES SQ. FT.

MISSOURI DNR LAND DISTURBANCE PERMIT NOT REQUIRED

# **ROCK REMOVAL NOTES:**

ROCK NOT TO BE REMOVED VIA BLASTING METHODS UNLESS FURTHER DETAILED AND PREPARED WITH ENGINEER OF RECORD, AND CITY OF COLUMBIA. AREA OF WORK FOR BLASTING WITHIN DAMAGE DISTANCE OF MAGUIRE BLVD BRIDGES AND UNDERGROUND UTILITIES.

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CE 2	GRADING PLAN	X				
CE 3	EAST SIDE GRADING	X				
CE 4	WEST SIDE GRADING	Х				
CE 5	SITE PLAN	X				
CE 6	RIGHT-OF-WAY & EASEMENT PLAN	X				
CE 7	CROSS SECTIONS - EAST SIDE	X				
CE 8	CROSS SECTIONS - WEST SIDE	Х				
CE 9	TRAFFIC CONTROL PLAN	Х				

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LEGEND OF	SYMBOLS:			
	EXISTING CURB	FF=XXX.X	FINISH FLOOR OF STRUCTURE	
	PROPOSED CURB	(XXX.XX TC)	PROPOSED TOP OF CURB ELEVATION	
	RIP RAP	(XXX.XX TP)	PROPOSED TOP OF PAVEMENT ELEVATION	
	EXISTING STRUCTURE	(XXX.XX FG)	PROPOSED FINISH GRADE ELEVATION	
~~~~~	EXISTING TREELINE	(XXX.XX TW)	PROPOSED TOP OF WALL	
~~~~	PROPOSED TREELINE	XX	LOT NUMBER	
000	EDGE OF WATERWAY			
— — w — —	EXISTING WATERLINE	$\langle X \rangle$	STORM SEWER STRUCTURE LABEL	
—— G ——	EXISTING GAS LINE	V	CANITADY COMED CONTINUE LADEL	
— — — UT — — —	EXISTING UNDERGROUND TELEPHONE	(X)	SANITARY SEWER STRUCTURE LABEL	
— — —UTV — — —	EXISTING UNDERGROUND CABLE TELEVISION	H.P.	HIGH POINT	
— — - HVE— — —	EXISTING HIGH VOLTAGE ELECTRIC	L.P.	LOW POINT	
—— OE ———	EXISTING OVERHEAD ELECTRIC	<del>- o</del> -	EXISTING SIGNS	
— — — UE — — —	EXISTING UNDERGROUND ELECTRIC	Ø	EXISTING POWER POLE	
—— OETV ——	EXISTING OVERHEAD ELEC. & TV	GV	EXISTING GAS VALVE	
— — OETVT — —	EXISTING OVERHEAD ELEC., TV & TELE.	$\bowtie$	EXISTING WATER VALVE	
—— s ——	EXISTING SANITARY SEWER	©	EXISTING GAS METER	
·····XXX······	EXISTING MINOR CONTOUR	W	EXISTING WATER METER	
	EXISTING MAJOR CONTOUR	Å	EXISTING FIRE HYDRANT	
XXX	PROPOSED MINOR CONTOUR	<b>©</b>	MANHOLE	
XXX	PROPOSED MAJOR CONTOUR	— —	EXISTING SANITARY SEWER LATERAL	
	100 YEAR FLOOD PLAIN	AC	EXISTING AIR CONDITIONER	
ТПППППТ	FLOODWAY		EXISTING TELEPHONE PEDESTAL	
	ORDINARY HIGH WATER MARK	ET)	EXISTING ELECTRICAL TRANSFORMER	
··	STREAM SIDE BUFFER	E	EXISTING ELECTRIC METER	
	OUTER STREAM BUFFER	¤	EXISTING LIGHT POLE	
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EXISTING GUY WIRE

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TIMOTHY D. CROCKETT

MO LICENSE-2004000775

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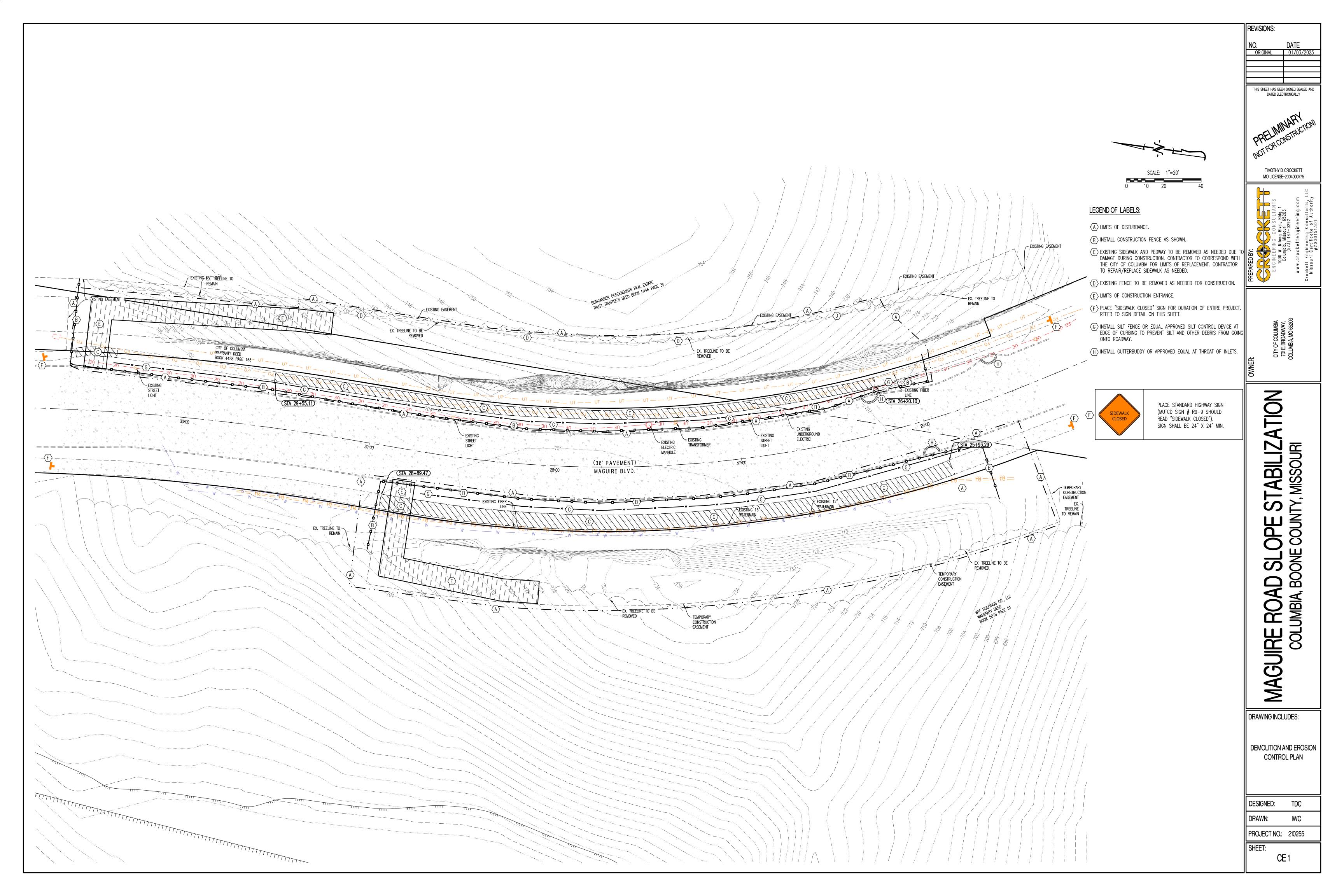
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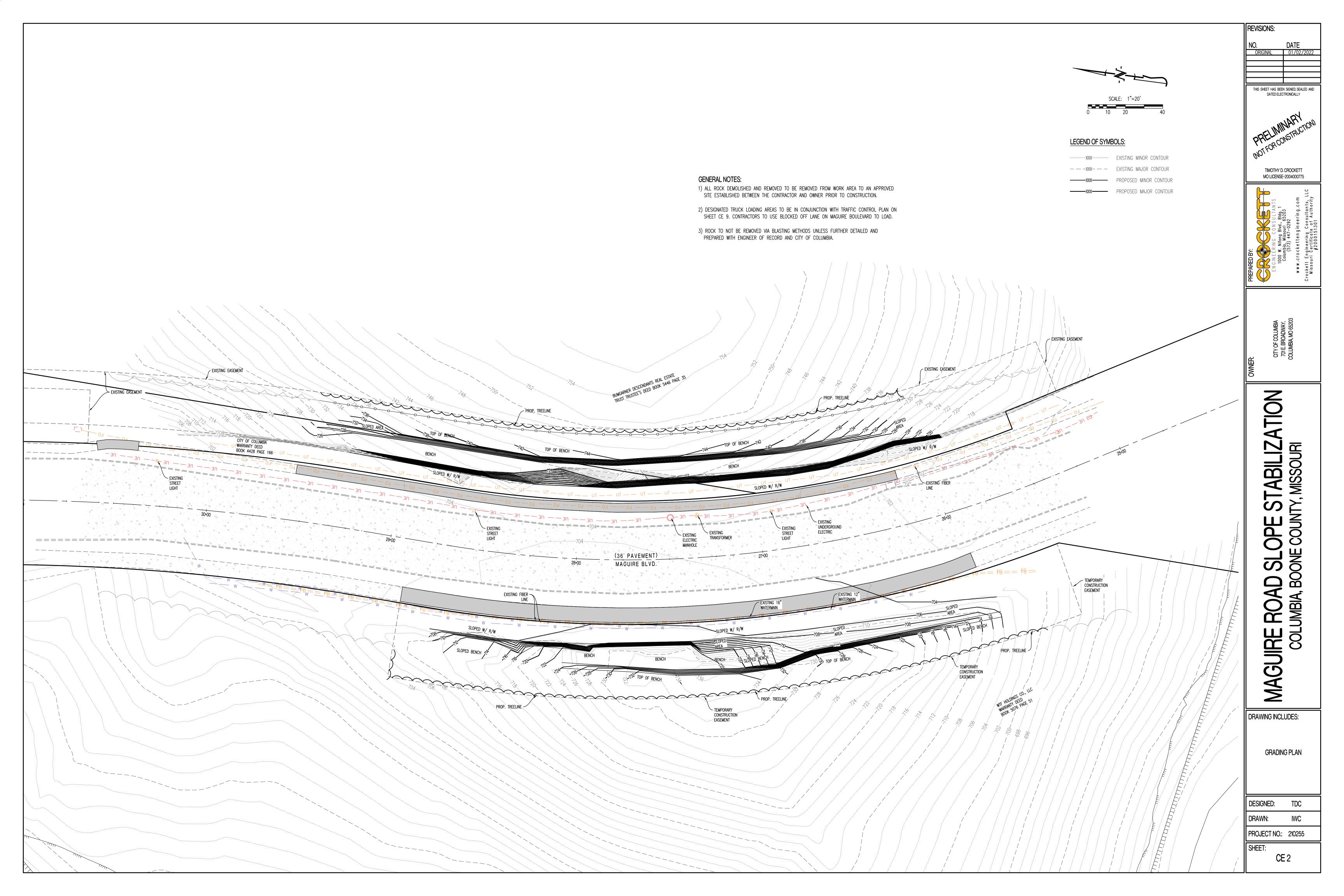
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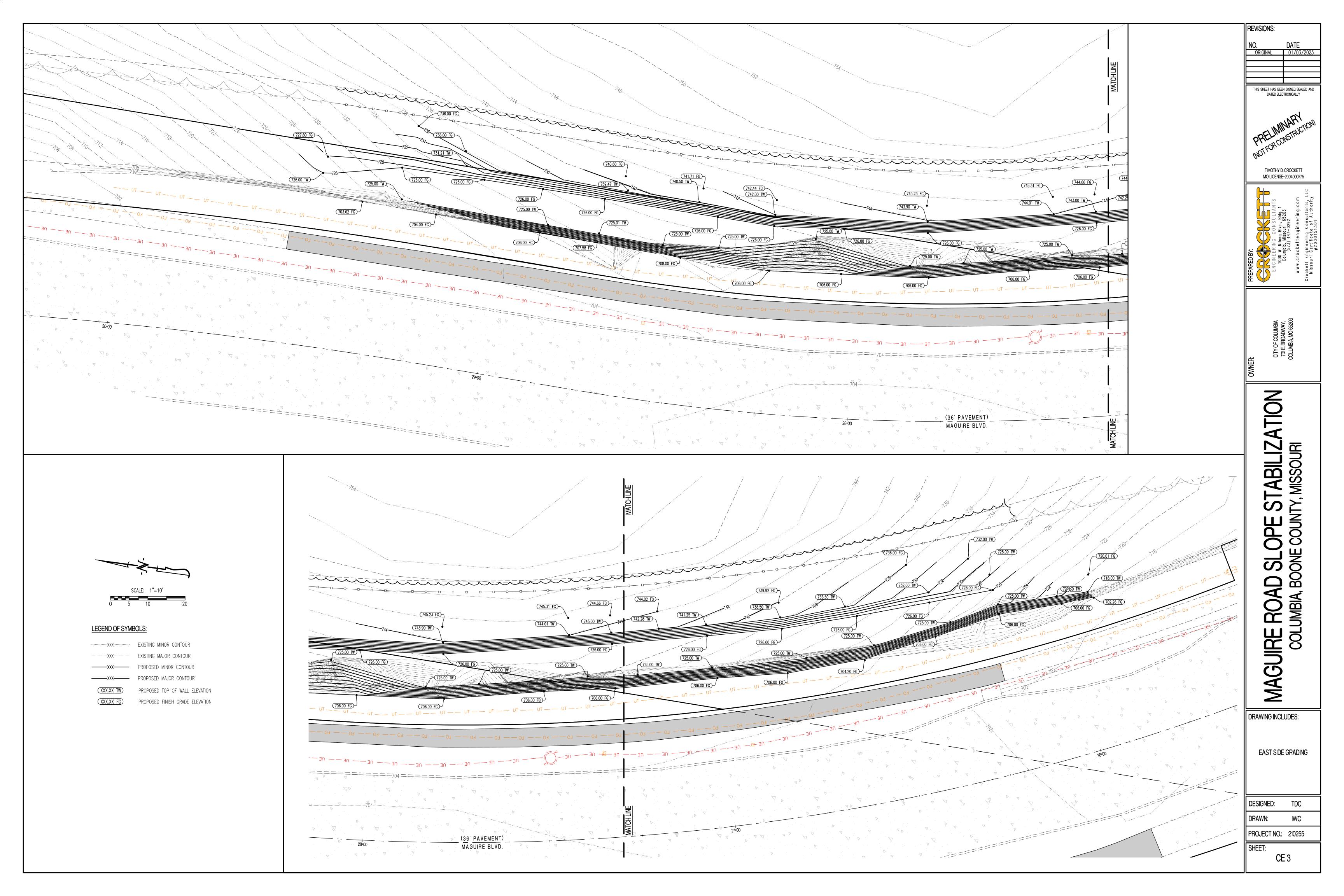
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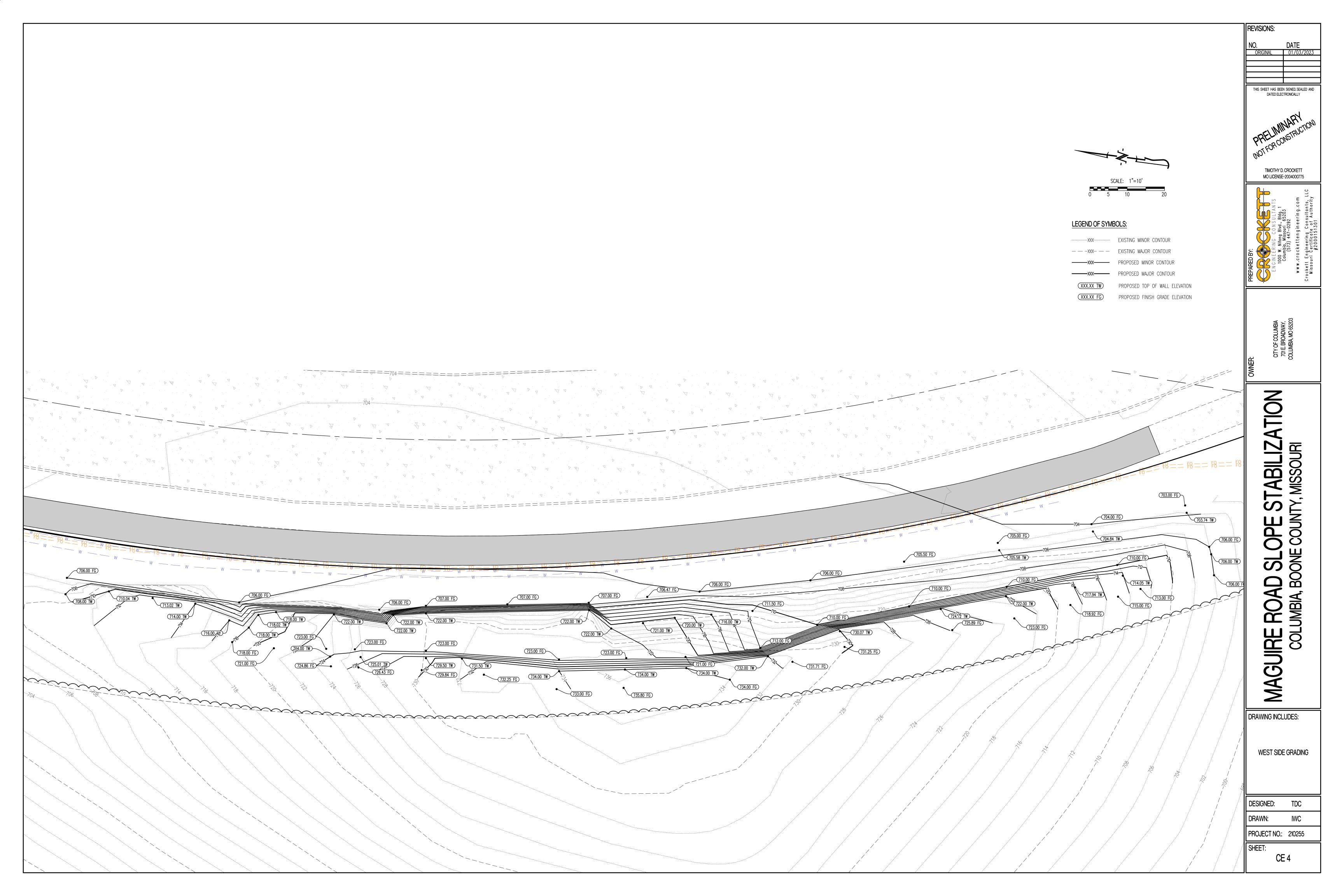
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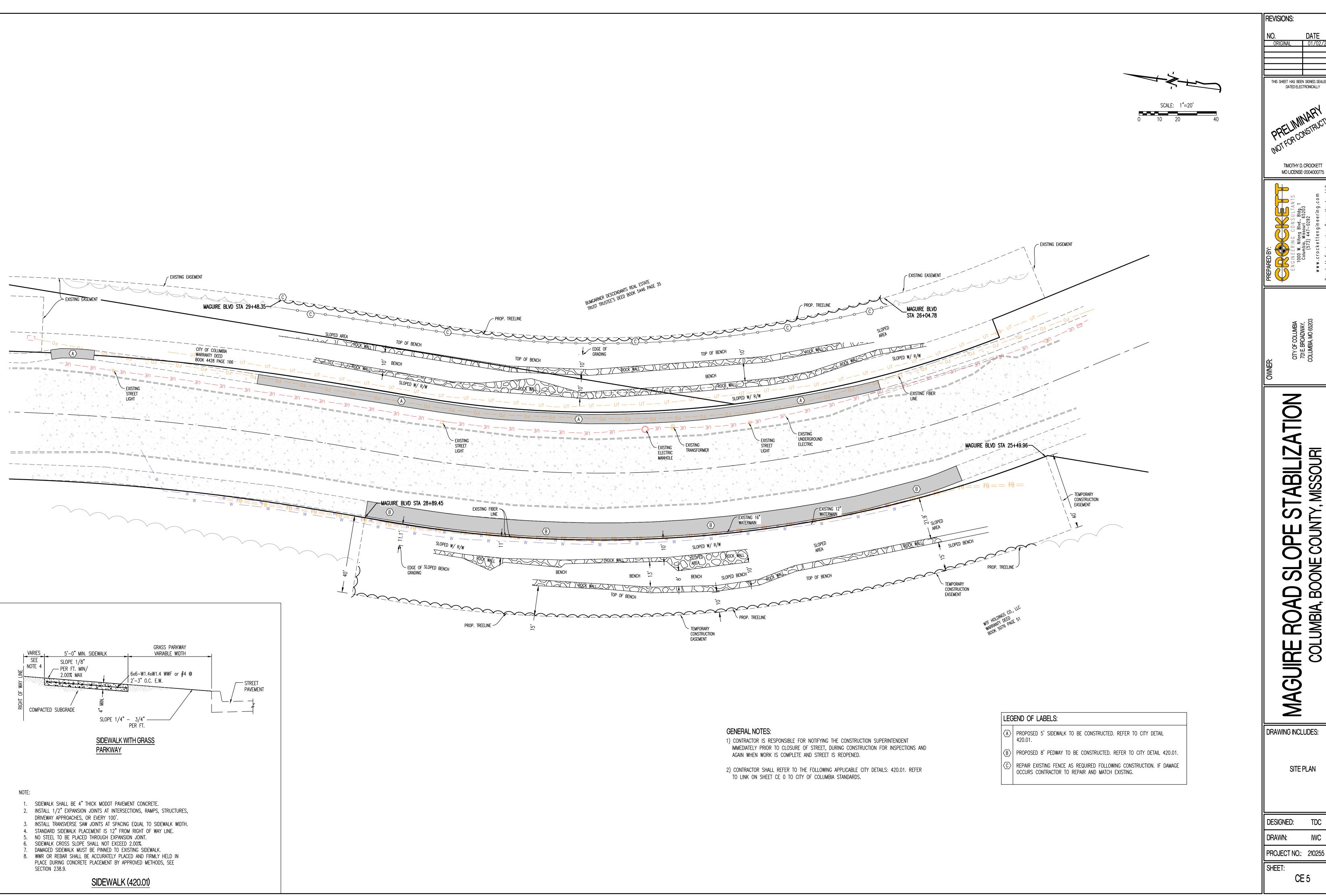
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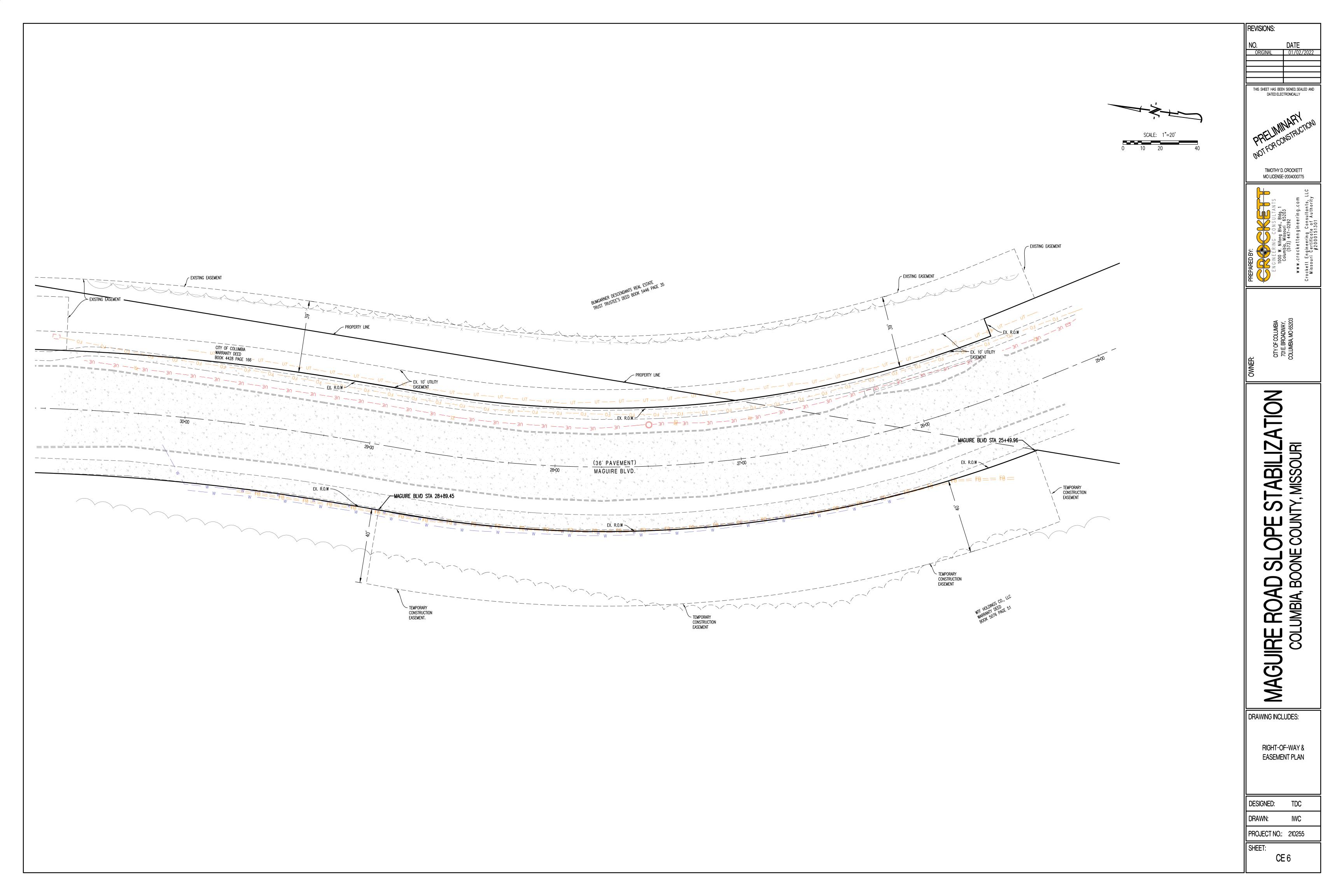
SITE PLAN

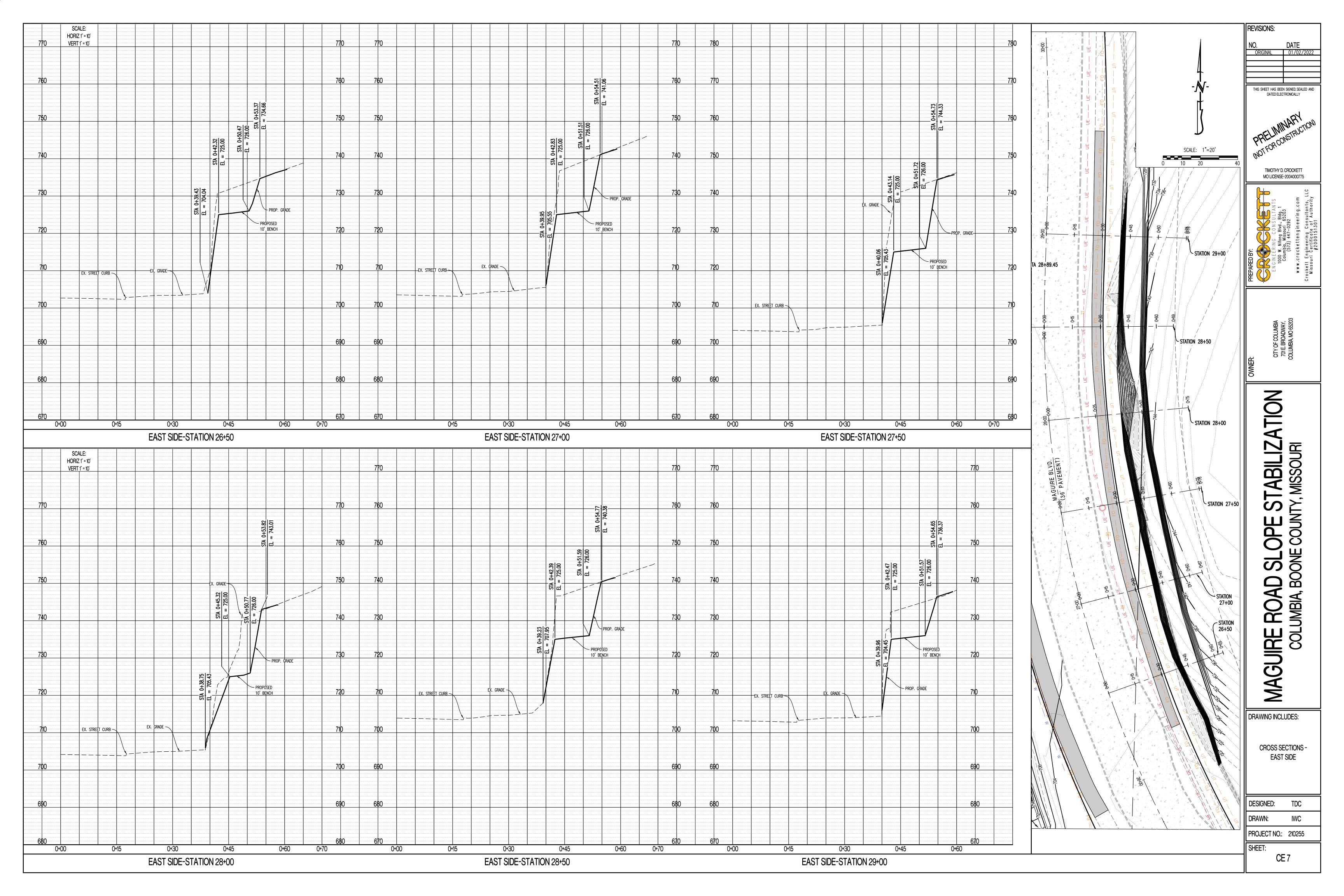
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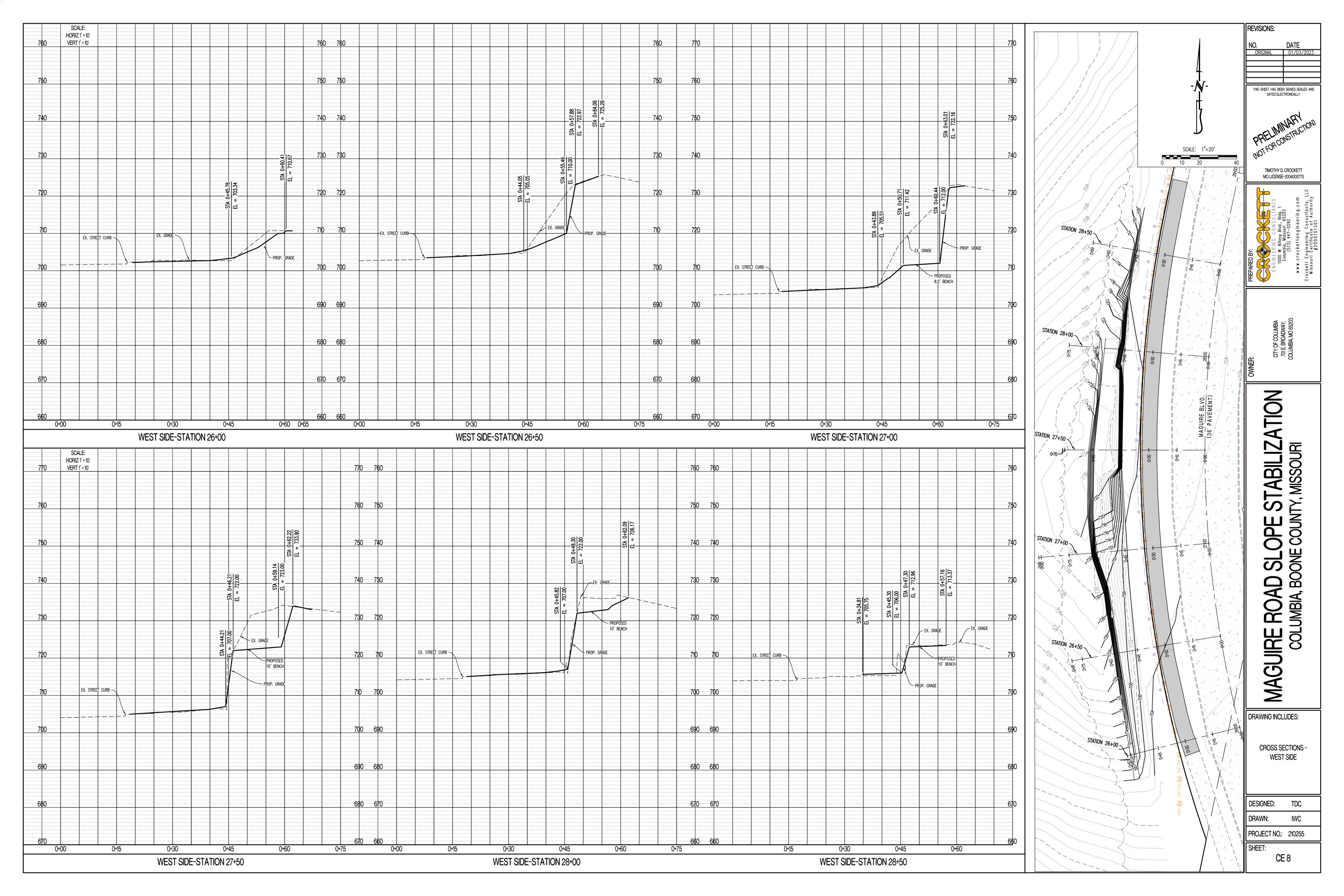
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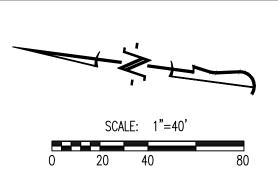
CE 5







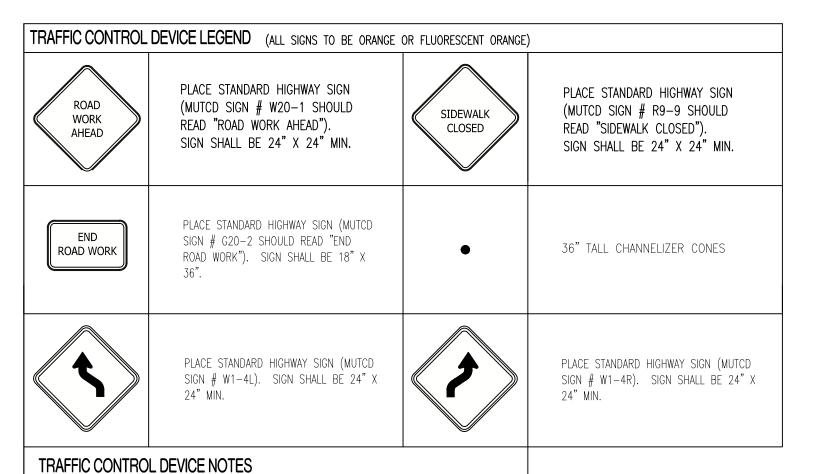
# SHORT-TERM TRAFFIC CONTROL PLAN - MAGUIRE BLVD



PLAN NOTES

PLAN SHOWS FOR WORK TO OCCUR ON EAST SIDE.





CONTRACTOR TO ENSURE BOTH LANES OF TRAFFIC TO REMAIN OPEN IN BOTH

FOR BOTH LANES.

SOUTH AND NORTH BOUND LANES AT ALL TIME. MAINTAIN A LANE WIDTH OF 11'

# **GENERAL NOTES**

TRAFFIC CONTROL DEVICES SHALL COMPLY WITH THE MUTCD.

CONTRACTOR SHALL REFER TO THE CURRENT EDITION OF THE MODOT MANUAL OF TRAFFIC CONTROL FOR FIELD OPERATIONS FOR INFORMATION ON THE PROPER DEPLOYMENT OF TRAFFIC CONTROL DEVICES.

#### SCHEDULING OF CLOSURES

ALL WORK OCCURRING WITHIN THE STREET LOCATIONS TO BE SCHEDULED WITH THE CITY OF COLUMBIA.

ALL WORK SHALL NOT EXCEED A TOTAL OF 10 WORKING DAYS.

REGULARLY SCHEDULED WORK SHALL BE COMPLETED BETWEEN 7:00AM AND 7:00PM ON WEEKDAYS. APPLICATION FOR EXTENDED WORK HOURS SHALL BE COMPLETED AND APPROVED BY THE DIRECTOR OF PUBLIC WORKS FOR ANY TIMES OTHER THAN THESE.

THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING CITY OF COLUMBIA SITE DEVELOPMENT AT LEAST ONE WEEK PRIOR TO THE START OF ANY CLOSURE ONCE CLOSURE APPROVAL HAS BEEN GIVEN.

THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING ALL BUSINESSES ALONG THE ENTIRE SIDEWALK FRONTAGE OF THE BLOCK AFFECTED BY THE CLOSURE OR RESTRICTION

CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE FOLLOWING AGENCIES, AS REQUIRED, IMMEDIATELY PRIOR TO CLOSURE OF STREET, DURING CONSTRUCTION FOR INSPECTIONS AND AGAIN WHEN WORK IS COMPLETE AND STREET

874-7474 SITE DEVELOPMENT (ROW INSPECTIONS) 874-7474 BUILDING SAFETY (PLUMBING/BUIDLING INSPECTIONS) JOINT COMMUNICATIONS (EMERGENCY SERVICES) 874-8471 COLUMBIA TRANSIT (CITY BUSES) 874-7282 PARKING ENFORCEMENT (PARKING METERS) 874-7674 PUBLIC WORKS STREET DIVISION (STREET PATCHING) 874–6289

UNIVERISY OF MISSOURI POLICE DEPARTMENT

TIMOTHY D. CROCKETT MO LICENSE-2004000775

 
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DRAWING INCLUDES:

TRAFFIC CONTROL PLAN

DESIGNED:

DRAWN: IWC PROJECT NO.: 210255

SHEET: