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SPECIAL NOTE TO CONTRACTOR(S)

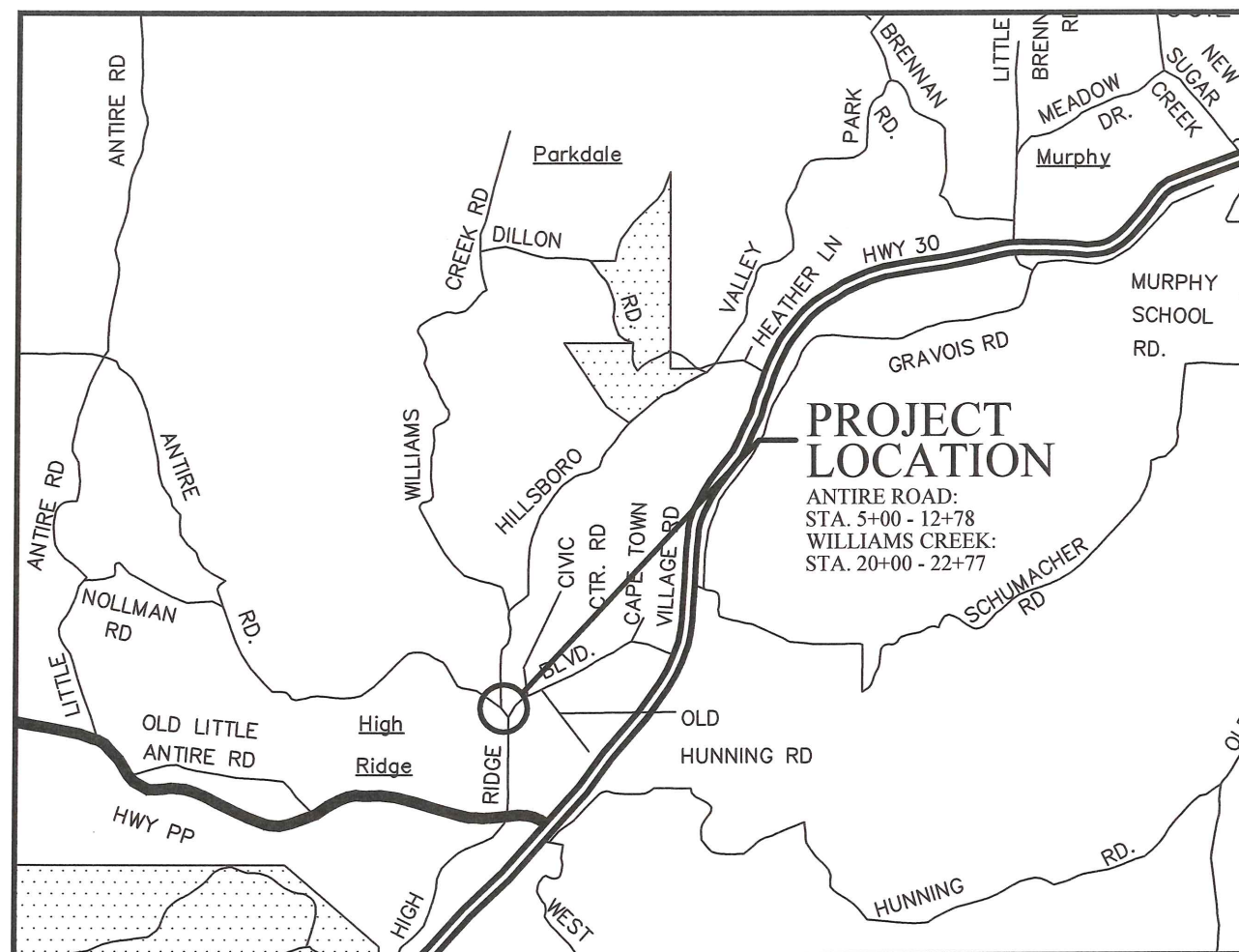
EXISTING UNDERGROUND AND ABOVE-GRADE FACILITIES, STRUCTURES, AND UTILITIES HAVE BEEN PLOTTED ON THESE CONTRACT DOCUMENTS BASED ON THE INFORMATION AND SURVEYS AVAILABLE AT THE TIME OF DRAWING PREPARATION. THE LOCATIONS OF THESE FEATURES MUST, THEREFORE, BE CONSIDERED APPROXIMATE, ONLY. IN ADDITION, THERE MAY BE OTHER FACILITIES, STRUCTURES, AND UTILITIES WHICH DID NOT EXIST (OR THE EXISTENCE OF WHICH WAS NOT KNOWN) AT THE TIME OF DRAWING PREPARATION. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR(S) TO HAVE ALL EXISTING FACILITIES, STRUCTURES, AND UTILITIES LOCATED IN THE FIELD PRIOR TO ANY EXCAVATION OR CONSTRUCTION ACTIVITY; AND TO PROTECT ALL SUCH FEATURES (EXCEPT THOSE SPECIFICALLY NOTED FOR REMOVAL OR DEMOLITION) DURING CONSTRUCTION.

LEGEND

---	EX. EDGE ROADWAY
---	EX. CENTERLINE
---	EX. PIPE
---	RIGHT OF WAY
---	PROPOSED EDGE OF ROADWAY
---	PR. EDGE OF SHOULDER
---	TEMPORARY CONSTRUCTION EASEMENT
---	CONSTRUCTION LIMITS
---	PR. PIPE
---	SILT FENCE

ANTIRE ROAD AT WILLIAMS CREEK ROAD INTERSECTION IMPROVEMENTS

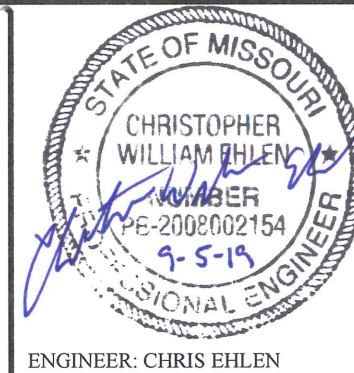
JEFFERSON COUNTY, MISSOURI
FEDERAL PROJECT NO. STP-5460 (604)



NOT TO SCALE
SEC 14, T43N, 5E

CONSTRUCTION PLANS

PREPARED
September 5, 2019



ENGINEER: CHRIS EHLEN

SHEET INDEX

SHEET NAME	SHEET #
TITLE	1
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DESIGN STANDARDS

A POLICY ON GEOMETRIC DESIGN OF
HIGHWAYS AND STREETS
AASHTO 2018 EDITION

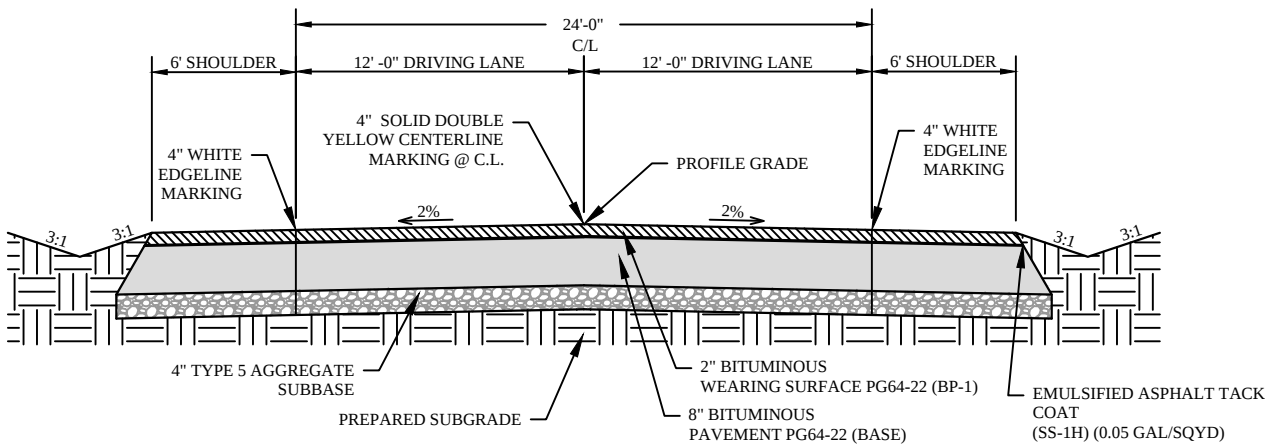
2019 MISSOURI STANDARD SPECIFICATIONS
BOOK FOR HIGHWAY CONSTRUCTION

DESIGN DESIGNATION

FUNCTIONAL CLASSIFICATION	COLLECTOR
CURRENT ADT	4237 (2014)
% TRUCKS	9%
SPEED LIMIT (ANTIRE)	30 MPH
SPEED LIMIT (WILLIAMS CREEK)	30 MPH
DESIGN SPEED	30 MPH

DATE	DESCRIPTION
9/5/2019	UPDATED DESIGN STANDARDS

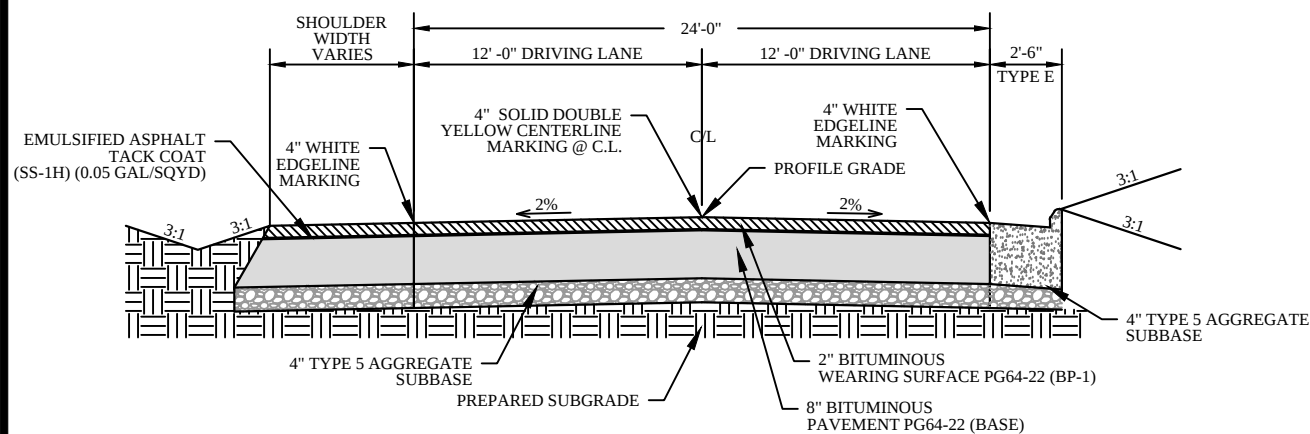
APPROVED BY: JEFFERSON COUNTY 725 MAPLE ST HILLSBORO, MO 63050	9-5-19 DATE
DIRECTOR OF PUBLIC WORKS	



TYPICAL SECTION - ANTIRE ROAD

STA 5+50 - 11+10

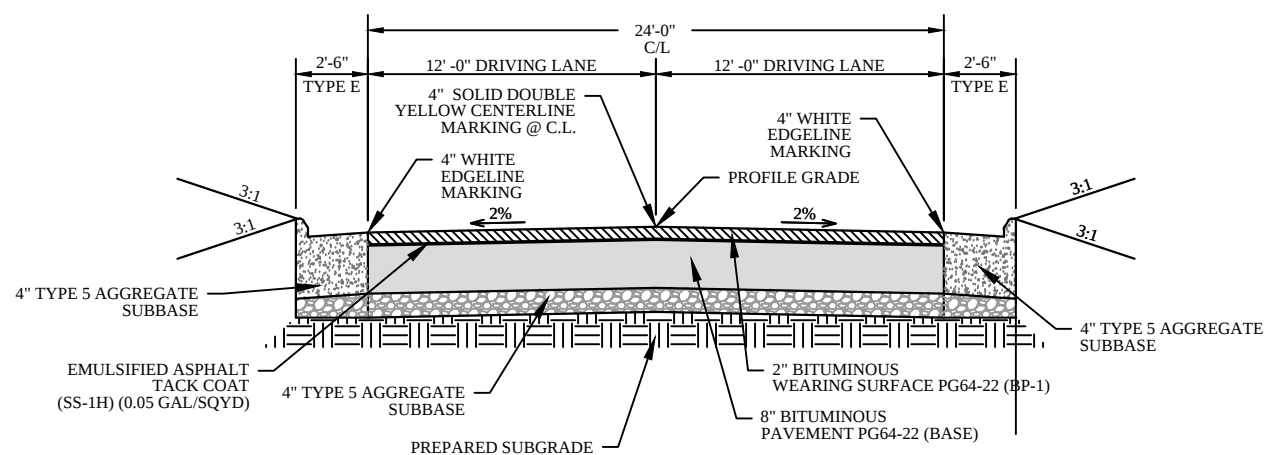
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TYPICAL SECTION - ANTIRE ROAD

STA 11+10 - 12+00

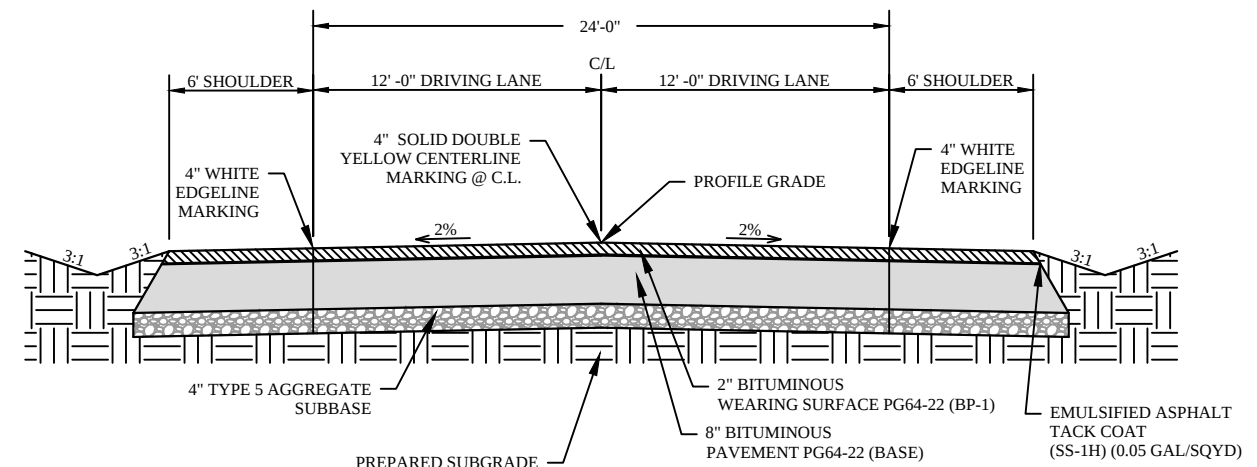
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TYPICAL SECTION - ANTIRE ROAD

STA 12+00 - 12+78

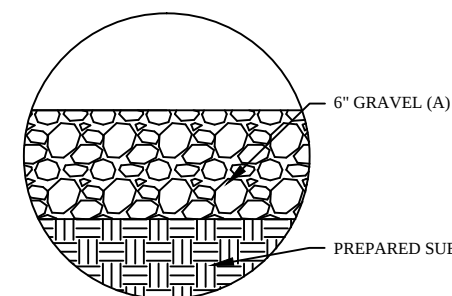
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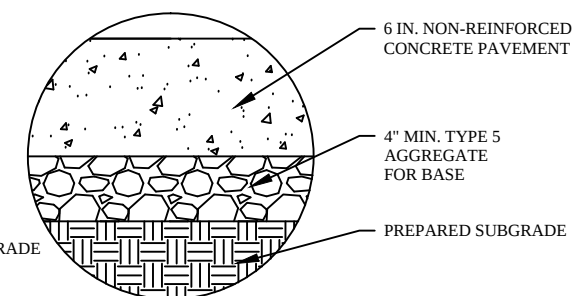
TYPICAL SECTION - WILLIAMS CREEK ROAD

STA 20+00 - 22+77

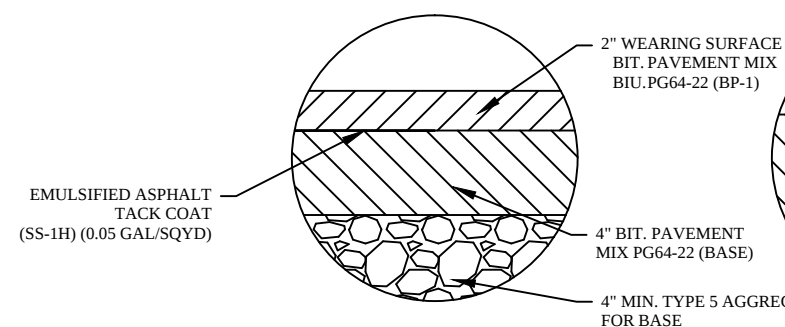
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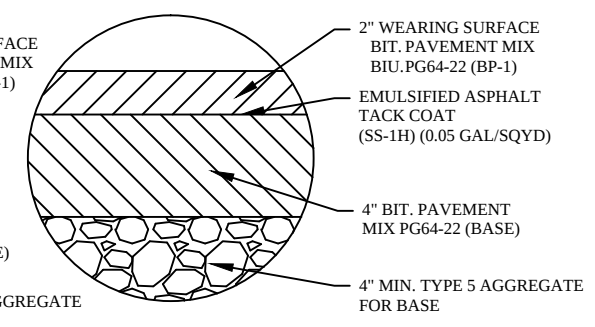
GRAVEL DRIVEWAY



CONCRETE ENTRANCE



RESIDENTIAL ASPHALT
ENTRANCE



ASPHALT RESIDENTIAL
STREET PAVEMENT



ENGINEER: CHRIS EHLEN

ANTIRE ROAD AT WILLIAMS CREEK
ROAD INTERSECTION IMPROVEMENTS
STP-5460 (604)

PUBLIC WORKS DEPARTMENT
JEFFERSON COUNTY, MO.

TYPICAL SECTIONS

DRAWN BY:

BED

CHKD. BY:

CWE

DATE:

06/20/2019

SCALE:

NOT TO SCALE

PLAN SHEET:

2

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY
ROADWAY ITEMS			
2013000	CLEARING AND GRUBBING	AC	0.8
2022010	REMOVAL OF IMPROVEMENTS	LS	1.0
2031000	CLASS A EXCAVATION	CY	1,433
2035500	EMBANKMENT IN PLACE	CY	419
2036000	COMPACTING EMBANKMENT	CY	1,261
3040504	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK)	SY	3,232
4010150	TYPE A2 SHOULDER	SY	819.6
4011209	BITUMIMOUS PAVEMENT MIXTURE PG64-22 (BP-1)	TON	387.5
4013000	BITUMIMOUS PAVEMENT MIXTURE PG64-22 (BASE)	TON	1,392.8
4071005	TACK COAT	GAL	161
5021106	CONCRETE PAVEMENT (6 IN. NON-REINFORCED)	SY	24.8
6039932	ADJUST TO GRADE GAS VALVE	EA	1
6042010	ADJUST TO GRADE MANHOLE	EA	1
6049908	ADJUST TO GRADE WATER SERVICE VALVE BOX	EA	6
6079902	REMOVAL AND RELOCATION OF MAILBOX	EA	3
6083006	6 IN. CONCRETE MEDIAN STRIP	SY	11.5
6092031	CONCRETE CURB LOW PROFILE TYPE E	LF	276
6131014	FULL DEPTH SAW CUT	LF	171
6181000	MOBILIZATION	LS	1
6274000	CONTRACTOR FURNISHED SURVEYING AND STAKING	LS	1
DRAINAGE ITEMS			
2063000	CLASS 3 EXCAVATION	CY	109
6097000	ROCK LINING	CY	32
6141120	CURVED VANE GRATE AND FRAME (2 FT. X 2 FT.)	EA	2
7261012	12 IN. CORRUGATED METAL PIPE GROUP B	LF	51
7261015	15 IN. PIPE GROUP A	LF	138
7261018	18 IN. PIPE GROUP A	LF	176
7261030	30 IN. PIPE GROUP A	LF	60
7311033	PRECAST DROP INLET 3 FT X 3 FT	LF	9.0
7320018A	15 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION	EA	3
7320618A	18 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION	EA	12
7320630A	30 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION	EA	2
6046006A	SLOTTED DRAIN	LF	18
SIGNING/STRIPING ITEMS			
6161005	CONSTRUCTION SIGNS	SF	644
6161098A	CHANGEABLE MESSAGE SIGN WITHOUT COMMUNICATION INTERFACE, CONTRACTOR FURNISHED, CONTRACTOR RETAINED	EA	4
6161031	TYPE III MOVEABLE BARRICADE WITH LIGHT	EA	9
6206000C	4 IN. WHITE STANDARD WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS	LF	1953
6206001C	4 IN. YELLOW STANDARD WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS	LF	2012
6206124A	24 IN. WHITE STANDARD WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS	LF	53
6208064A	TEMPORARY RAISED PAVEMENT MARKER	EA	70
ROADSIDE ITEMS			
8051000A	SEEDING - COOL SEASON MIXTURE	AC	0.7
8061005	ROCK DITCH CHECK	LF	75
8061016	SEDIMENT REMOVAL	CY	13
8061017	TEMPORARY SEEDING & MULCHING	AC	0.5
8061019	SILT FENCE	LF	865
8064128	TYPE 1 TURF REINFORCEMENT MAT	SY	465



ANTIRE ROAD AT WILLIAMS CREEK
ROAD INTERSECTION IMPROVEMENTS
STP-5460 (604)

PUBLIC WORKS DEPARTMENT
JEFFERSON COUNTY, MO.
SUMMARY OF QUANTITIES

DRAWN BY:
BED

CHKD. BY:
CWE

DATE:
06/20/2019

SCALE:
NOT TO SCALE

PLAN SHEET:
2A

SUMMARY OF QUANTITIES
1 OF 4

BITUMINOUS PAVEMENT										
PLAN SHEET	STATION	STATION	LOCATION	TYPE 5 AGGREGATE BASE		TYPE A2 SHOULDER	2" BIT PAVT. MIX PG64-22 (BP-1) (TONS)	8" BIT PAVT. MIX PG64-22 (BASE) (TONS)	TACK COAT (GAL)	NOTES
				(SF)	(SY)	(SY)				
5-6	05+50	12+78	ANITIRE ROAD	18041.2	2004.6	596.3	239.9	954.4	100.2	
7	20+20	22+77	WILLIAMS CREEK ROAD	7227.0	803.0	223.3	96.1	382.3	40.2	
				TOTALS	2807.6	819.6	336.0	1336.7	140.4	



ENGINEER: CHRIS EHLEN

ENTRANCES										
PLAN SHEET	STATION	SIDE	LOCATION	TYPE 5 AGGREGATE BASE		CONCRETE PAVEMENT (6" NON-REINFOCRED)	2" BIT PAVT. MIX PG64-22 (BP-1)	4" BIT PAVT. MIX PG64-22 (BASE)	TACK COAT	NOTES
				(SF)	(SY)	(SY)	(TONS)	(TONS)	(GAL)	
5	5+43	LT	ANTIRE ROAD	135	15.0		1.80	3.57	0.8	ASPHALT
5	6+30	RT	ANTIRE ROAD	240	26.7		3.19	6.35	1.3	ASPHALT
5	7+09	RT	ANTIRE ROAD	435	26.1		5.79	5.75	1.3	ASPHALT (HILGERT DR.)
5	7+89	RT	ANTIRE ROAD	805	89.4	6.2	10.71	10.65	4.5	ASPHALT W/ CONCRETE FOR DRAIN
6	8+75	LT	ANTIRE ROAD	430	47.8		5.72	5.69	2.4	ASPHALT
6	10+96	RT	ANTIRE ROAD	932	103.6		12.40	12.33	5.2	ASPHALT
6	12+43	RT	ANTIRE ROAD	588	65.3		7.82	7.78	3.3	ASPHALT
7	21+59	LT	WILLIAMS CREEK ROAD	150	16.7	16.7				CONCRETE
7	21+79	RT	WILLIAMS CREEK ROAD	304	33.8		4.04	4.02	1.7	ASPHALT
				TOTALS	424.4	22.9	51.5	56.1	20.5	

FULL DEPTH SAWCUT				
PLAN SHEET	STATION	LOCATION	LENGTH (LF)	NOTES
5	5+43	ANTIRE ROAD DRIVEWAY	26	PARCEL 1
5	5+43	ANTIRE ROAD DRIVEWAY	18	PARCEL 1
5	7+89	ANTIRE ROAD HILGERT DRIVE	13	PARCEL 8
6	12+78	ANTIRE ROAD	102	AT WILLIAMS CREEK
7	21+79	WILLIAMS CREEK DRIVEWAY	12	PARCEL 5
		TOTAL	171	

EARTHWORK							
PLAN SHEET	STATION	STATION	LOCATION	CLASS A EXCAVATION (CY)	COMPACTING EMBANKMENT (CY)	EMBANKMENT IN PLACE	NOTES
5-6	5+50	12+78	ANTIRE ROAD	872.8	1132.2	418.6	364.2 CY OF COMPACTING EMBANKMENT IS FROM WILLIAMS CREEK
7	20+00	22+77	WILLIAMS CREEK ROAD	560.1	128.7		
			TOTALS	1432.9	1260.9	418.6	

CLEARING AND GRUBBING						
PLAN SHEET	STATION	STATION	LOCATION	SIDE	AREA (ACRE)	NOTES
5-6	05+50	12+78	ANTIRE ROAD	RT	0.3	
5-6	05+50	12+78	ANTIRE ROAD	LT	0.3	
7	20+36	22+77	WILLIAMS CREEK ROAD	RT	0.1	
7	20+36	22+77	WILLIAMS CREEK ROAD	LT	0.1	
			TOTAL		0.8	

MISC. CONCRETE WORK							
PLAN SHEET	STA	STA	SIDE	LOCATION	6 IN. CONCRETE MEDIAN STRIP (SY)	CONCRETE PAVEMENT (6" NON-REINFOCRED) (SY)	NOTES
5	8+13		RT	ANTIRE ROAD		1.9	CONCRETE PAD
6	12+25	12+60	CENTER	ANTIRE ROAD	11.5		
				TOTALS	11.5	1.9	

CURB						
PLAN SHEET	STATION	STATION	SIDE	LOCATION	CONCRETE CURB TYPE E (LF)	NOTES
6	10+78	12+75	RT	ANTIRE ROAD	190	
6	12+00	12+78	LT	ANTIRE ROAD	86	
				TOTAL	276	

CONTRACTOR FURNISHED SURVEYING AND STAKING
LUMP SUM = 1

REMOVAL OF IMPROVEMENTS
LUMP SUM = 1

MOBILIZATION
LUMP SUM =1

MAILBOXES (TO BE REMOVED AND RELOCATED)					
PLAN SHEET	STATION	SIDE	LOCATION	MAILBOX (EACH)	NOTES
5	05+43	LT	ANTIRE ROAD	1	
6	12+43	RT	ANTIRE ROAD	1	
7	21+59	LT	WILLIAMS CREEK ROAD	1	
			TOTAL	3	

SUMMARY OF QUANTITIES
2 OF 4

ANTIRE ROAD AT WILLIAMS CREEK
ROAD INTERSECTION IMPROVEMENTS
STP-5460 (604)

PUBLIC WORKS DEPARTMENT
JEFFERSON COUNTY, MO.
SUMMARY OF QUANTITIES

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06/20/2019

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NOT TO SCALE

PLAN SHEET:
2B

ADJUST TO GRADE						
PLAN SHEET	STATION	SIDE	ADJUST TO GRADE WATER SERVICE VALVE BOX WATER VALVE (EACH)	ADJUST TO GRADE GAS VALVE (EACH)	ADJUST TO GRADE SEWER MANHOLE MANHOLE (EACH)	NOTES
5	05+75	LT	1			ANTIRE ROAD
5	7+12	RT	1			ANTIRE ROAD
5	7+14	RT	1			ANTIRE ROAD
6	10+58	LT	1			ANTIRE ROAD
6	12+67	LT	1			ANTIRE ROAD
7	20+26	RT		1		WILLIAMS CREEK ROAD
7	20+71	LT			1	WILLIAMS CREEK ROAD
7	21+46	RT	1			WILLIAMS CREEK ROAD
TOTALS			6	1	1	



ENGINEER: CHRIS EHLEN

ANTIRE ROAD AT WILLIAMS CREEK
ROAD INTERSECTION IMPROVEMENTS
STP-5460 (604)

DRAINAGE STRUCTURES																
PLAN SHEET	STR. NUM	FLOWS TO STR. NUM.	STATION	OFFSET	ALIGNMENT	CLASS 3	PRECAST	CURVED VANE	ROCK LINING	PIPE CULVERT GROUP A			FLARED END SECTION			NOTES
						EXC.	DROP INLET	GRATE AND		15 IN	18 IN	30 IN	15 IN	18 IN	30 IN	
						(CY)	3 FT x 3 FT	FRAME		(LF)	(LF)	(LF)	GROUP A	GROUP A	GROUP A	
								(2 FT x 2 FT)	(CY)				(EACH)	(EACH)	(EACH)	
5			05+54	18.7' LT	ANTIRE ROAD					28			2			5805 ANTIRE RD DRIVEWAY
5			06+31	20.4' RT	ANTIRE ROAD						16			2		5800 ANTIRE RD DRIVEWAY
5			07+94	20.9' RT	ANTIRE ROAD						40			2		5704 ANTIRE RD DRIVEWAY
5	1-1	1-2	08+37		ANTIRE ROAD	31.1			14.1			60			2	
5			08+61	32.1' LT	ANTIRE ROAD						16			2		2833 WILLIAMS CREEK RD DRIVEWAY
6	2-1	2-2	12+24		ANTIRE ROAD	52.7	4.5	1	7.1	30						
6	2-2	2-3	12+24		ANTIRE ROAD		4.5	1		80			1			
7	3-1	3-2	20+36		WILLIAMS CREEK ROAD	25.1			11.1		60			2		
7			21+60	22' LT	WILLIAMS CREEK ROAD						12			2		2833 WILLIAMS CREEK RD DRIVEWAY
7			21+79	14.4' RT	WILLIAMS CREEK ROAD						32			2		2832 WILLIAMS CREEK RD DRIVEWAY
TOTALS						108.9	9	2	32.3	138	176	60	3	12	2	

EROSION CONTROL										
PLAN SHEET	STATION	STATION	SIDE	LOCATION	SEDIMENT REMOVAL (CY)	ROCK DITCH CHECK (LF)	TEMPORARY SEEDING AND MULCHING (ACRE)	SILT FENCE (LF)	TYPE 1 TURF REINFORCEMENT MAT (SY)	NOTES
5-6	5+50	12+78	BOTH	ANTIRE ROAD			0.25	865		
5	5+60		RT	ANTIRE ROAD	1	5				
5	5+65		LT	ANTIRE ROAD	1	5				
5	6+50		RT	ANTIRE ROAD	1	5				
5	6+90		RT	ANTIRE ROAD	1	5				
5	7+65		RT	ANTIRE ROAD	1	5				
5	8+19		LT	ANTIRE ROAD	1	10				
5	8+50	9+80	RT	ANTIRE ROAD					465	
5	8+81		LT	ANTIRE ROAD	1	5				
6	9+08		RT	ANTIRE ROAD	1	5				
6	11+06		LT	ANTIRE ROAD	1	5				
7	20+20	22+77	BOTH	WILLIAMS CREEK ROAD			0.25			
7	20+37		RT	WILLIAMS CREEK ROAD	1	10				
7	20+94		RT	WILLIAMS CREEK ROAD	1	5				
7	21+72		LT	WILLIAMS CREEK ROAD	1	5				
7	22+04		RT	WILLIAMS CREEK ROAD	1	5				
TOTALS					13	75	0.5	865	465	

SUMMARY OF QUANTITIES
3 OF 4

PUBLIC WORKS DEPARTMENT
JEFFERSON COUNTY, MO.
SUMMARY OF QUANTITIES

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PLAN SHEET:
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ANTIRE ROAD AT WILLIAMS CREEK
ROAD INTERSECTION IMPROVEMENTS
STP-5460 (604)

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SEEDING - COOL SEASON MIXTURES						
PLAN SHEET	STATION	STATION	SIDE	LOCATION	AREA (ACRE)	NOTES
5-6	05+50	12+78	RT	ANTIRE ROAD	0.26	
5-6	05+50	12+78	LT	ANTIRE ROAD	0.25	
7	20+36	22+77	RT	WILLIAMS CREEK ROAD	0.11	
7	20+36	22+77	LT	WILLIAMS CREEK ROAD	0.06	
TOTAL					0.68	

PAVEMENT MARKINGS								
PLAN SHEET	STATION	STATION	SIDE	LOCATION	4" WHITE ACRYLIC WATERBORNE PAVEMENT MARKING PAINT (LF)	4" YELLOW ACRYLIC WATERBORNE PAVEMENT MARKING PAINT (LF)	24" WHITE ACRYLIC WATERBORNE PAVEMENT MARKING PAINT (LF)	NOTES
5-6	05+50	12+78	RT	ANTIRE ROAD	745	748	17	
5-6	05+50	12+78	LT	ANTIRE ROAD	680	749		
7	20+20	22+77	RT	WILLIAMS CREEK ROAD	272	258		
7	20+20	22+77	LT	WILLIAMS CREEK ROAD	256	257	36	
TOTALS					1953	2012	53	

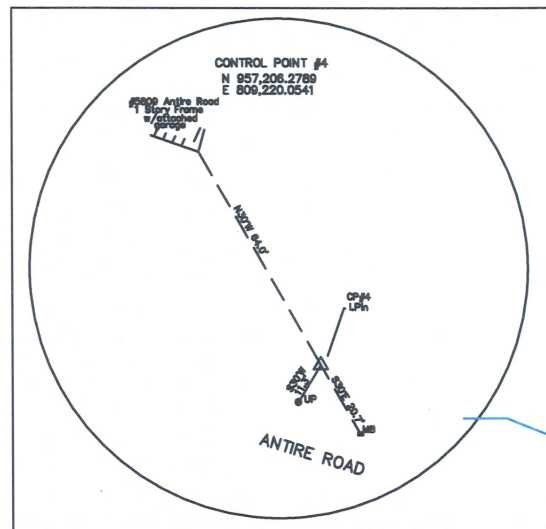
SLOTTED DRAIN							
PLAN SHEET	STATION	STATION	SIDE	LOCATION	SLOTTED DRAIN (LF)	12 IN. CMP (LF)	NOTES
5	7+79	7+97	RT	ANTIRE ROAD	18	51	ON DRIVEWAY ON PARCEL 8
TOTALS					18	51	

TEMP PAVEMENT MARKERS					
PLAN SHEET	STATION	STATION	LOCATION	CONCRETE CURB TYPE E (LF)	NOTES
5-7	05+50	12+78	ANITIRE ROAD	50	
5-7	20+20	22+77	WILLIAMS CREEK ROAD	20	
TOTAL				70	

TRAFFIC CONTROL ITEMS				
PLAN SHEET	LOCATION	TYPE III MOVEABLE BARRICADE (EA)	CHANGEABLE MESSAGE SIGN (EA)	NOTES
14	ANTIRE ROAD	3		BEGIN PROJECT
14	ANTIRE ROAD	3		END PROJECT
14	WILLIAMS CREEK ROAD	3		END PROJECT
14	ANTIRE ROAD		1	EB LANE AT BEGINNING OF PROJECT
14	WILLIAMS CREEK ROAD		1	SB LANE AT END OF PROJECT
14	HIGH RIDGE BLVD		1	EB LANE BEFORE PROJECT
14	HIGH RIDGE BLVD		1	WB LANE BEFORE PROJECT
TOTALS		9	4	

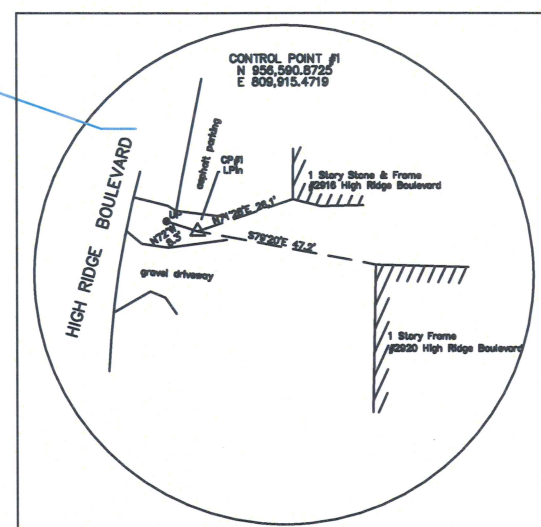
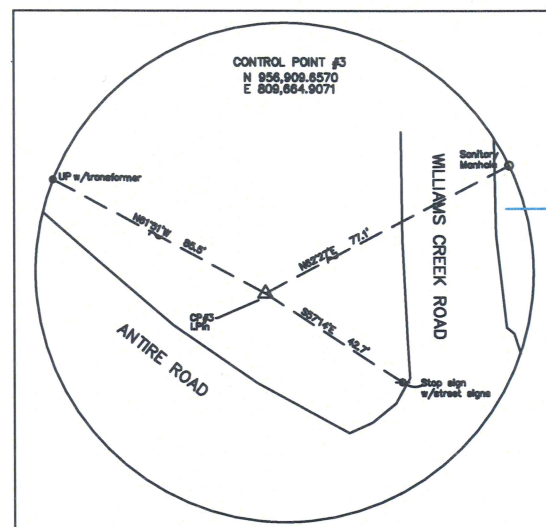
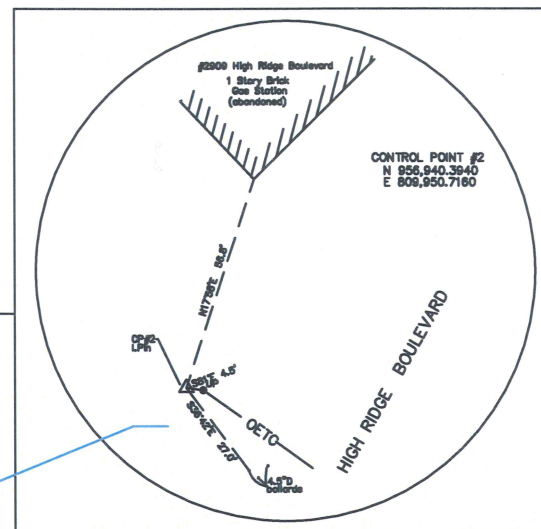
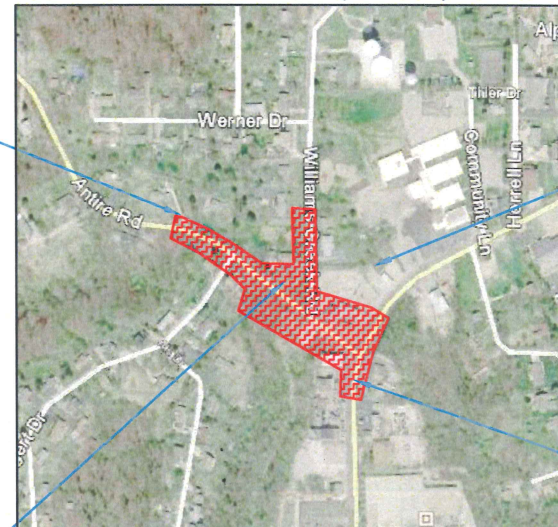
TRAFFIC CONTROL DEVICES					
SIGN NUMBER (MUTCD)	SIZE (IN.)	SIGN AREA (S.F.)	DETOUR SIGNS	CONSTRUCTION SIGNS (S.F.)	NOTES
W20-2	36X36	9	8	72	
SP-1	30X18	3.75	18	67.5	
SP-2	30X18	3.75	24	90	
M4-9R	30X24	5	7	35	
M4-9L	30X24	5	9	45	
M4-9T	30X24	5	8	40	
M4-8	24X12	2	18	36	
M6-3	21X15	2.1875	2	4.375	
M5-1R	21X15	2.1875	7	15.3125	
M5-1L	21X15	2.1875	10	21.875	
M4-8a	24X12	2	4	8	
W020-3	36X36	9	5	45	
R11-4	60X30	12.5	3	37.5	
SP-3	94X48	32	2	64	
SP-4	96X48	32	1	32	
R11-2R	48X30	10	3	30	
PAY TOTAL				644	

SUMMARY OF QUANTITIES
4 OF 4



REFERENCE TIES

SITE LOCATOR MAP (Not to Scale)



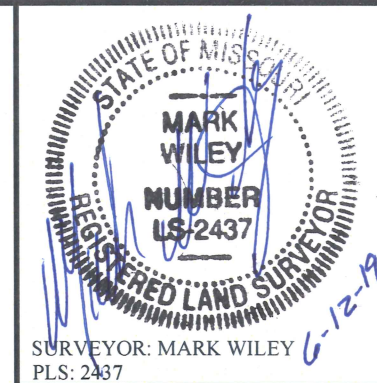
BENCHMARK
Missouri Geographic Reference System
Station Name: PATTERSON PID: JC1664
Description: The station is a standard USC&GS bronze disk stamped "PATTERSON, 1971", set in the top of a square concrete monument that is 5" below the surface. EL=947.50

SITE BENCHMARK "A"
Cut Cross on North side 1.5' diameter concrete base for light standard near Southeast corner of gas station just South of the intersection of High Ridge Boulevard and Antire Road. EL=932.28

SITE BENCHMARK "B"
Cut Cross on sidewalk 3.4' East of the Southeast corner of former convenience store at #2909 High Ridge Blvd., North of the intersection of High Ridge Boulevard and Antire Road. EL=930.00

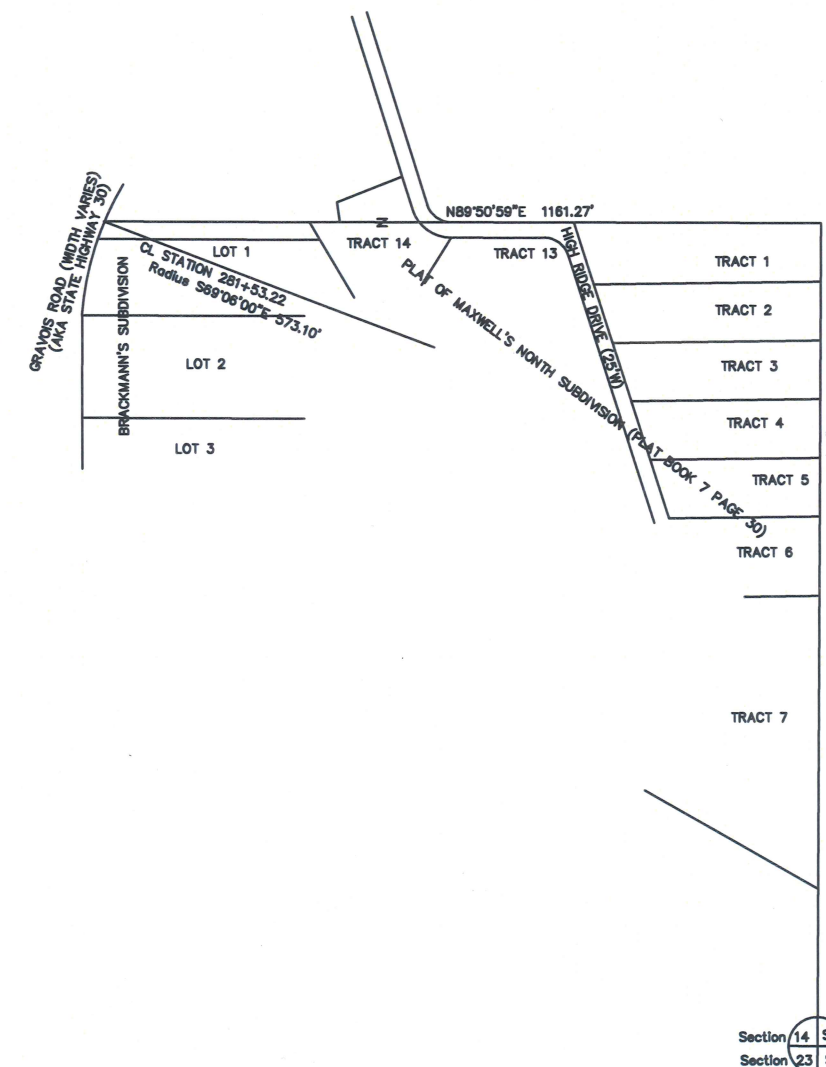
SURVEYOR

HEIDEMAN | ASSOCIATES, INC.
240 LARKIN WILLIAMS
INDUSTRIAL COURT
FENTON, MO 63026
P 636-492-3200
F 636-492-3202
CORP. AUTHORITY # 000281



LEGAL LAND TIE

Part of the Southeast quarter of Section 14, Township 43 North, Range 4 East of the Fifth Principal Meridian being in Jefferson County, Missouri and being described as follows:
Beginning at the Southeast corner of said Section 14 as located on the Record Plat of Maxwell's Ninth Subdivision a plat filed for record in Plat Book 7 page 30 of the Jefferson County Land Records; thence North 00 degrees 27 minutes 30 seconds East along the line common to Section 13 and 14 a distance of 1,333.51 to the Northeast corner of the Southeast Quarter of the Southeast Quarter of said Section 14; thence leaving said Section line North 89 degrees 50 minutes 59 seconds West along the North line of tract 1 of said Maxwell's Ninth and the projection thereof a distance of 1161.27 feet to a point on the center line of State Highway No. 30 as shown on said Subdivision Plat, said point have a centerline Station of 281+53.22 feet and being in a curve from which point the radius bears South 69 degrees 06 minutes 11 seconds East a distance of 573.10 feet and being the point of ending.
The purpose of this description is to connect the centerline stationing for this project to the United State Public Land Survey System.



PUBLIC WORKS DEPARTMENT
JEFFERSON COUNTY, MO.

LEGAL LAND TIE / REFERENCE TIES

DRAWN BY:
BED

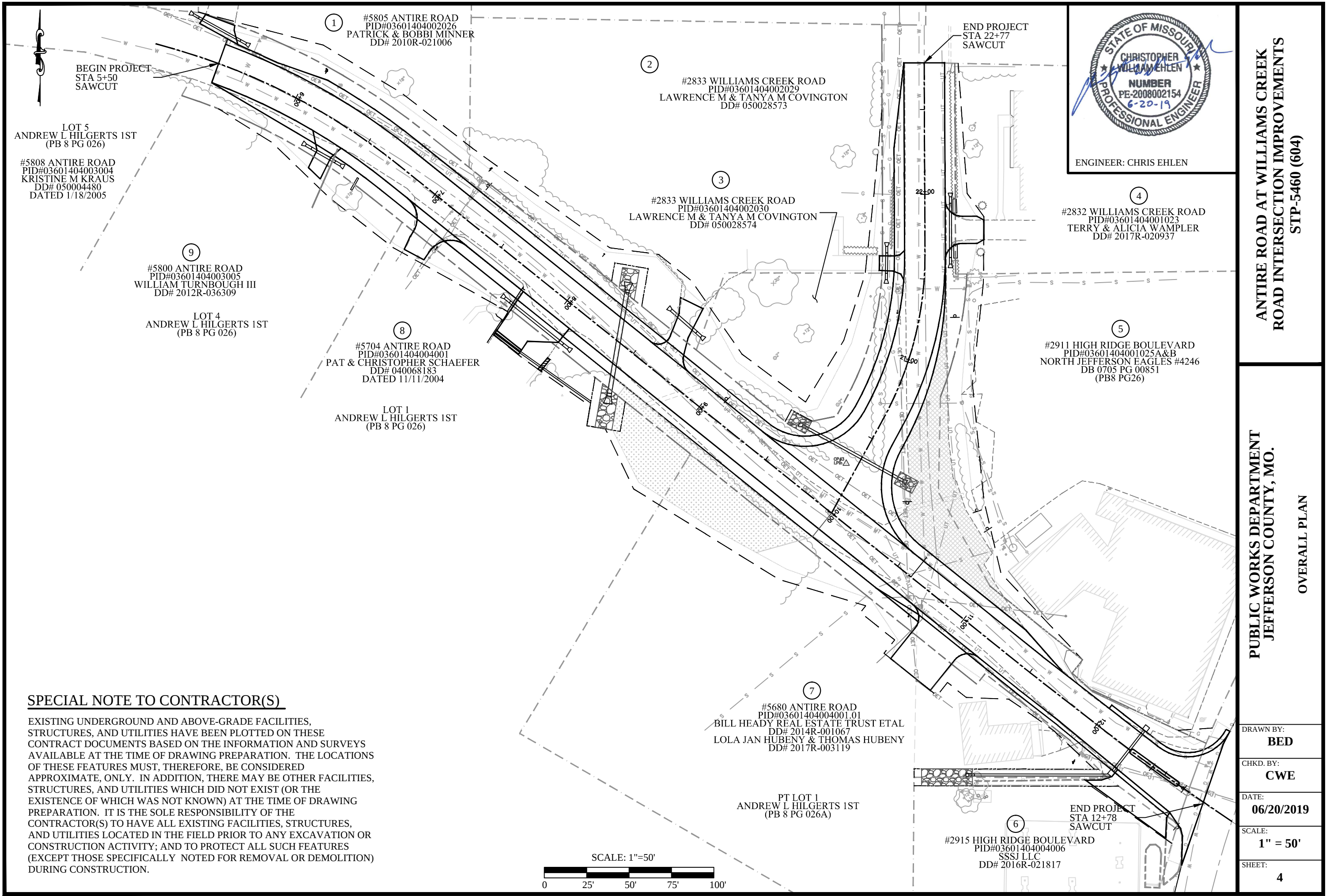
CHKD BY:
MWW

DATE:
06/10/2019

SCALE:
NOT TO SCALE

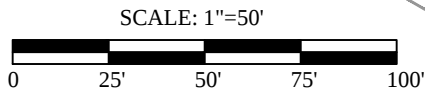
SHEET:

3



SPECIAL NOTE TO CONTRACTOR(S)

EXISTING UNDERGROUND AND ABOVE-GRADE FACILITIES, STRUCTURES, AND UTILITIES HAVE BEEN PLOTTED ON THESE CONTRACT DOCUMENTS BASED ON THE INFORMATION AND SURVEYS AVAILABLE AT THE TIME OF DRAWING PREPARATION. THE LOCATIONS OF THESE FEATURES MUST, THEREFORE, BE CONSIDERED APPROXIMATE, ONLY. IN ADDITION, THERE MAY BE OTHER FACILITIES, STRUCTURES, AND UTILITIES WHICH DID NOT EXIST (OR THE EXISTENCE OF WHICH WAS NOT KNOWN) AT THE TIME OF DRAWING PREPARATION. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR(S) TO HAVE ALL EXISTING FACILITIES, STRUCTURES, AND UTILITIES LOCATED IN THE FIELD PRIOR TO ANY EXCAVATION OR CONSTRUCTION ACTIVITY; AND TO PROTECT ALL SUCH FEATURES (EXCEPT THOSE SPECIFICALLY NOTED FOR REMOVAL OR DEMOLITION) DURING CONSTRUCTION.



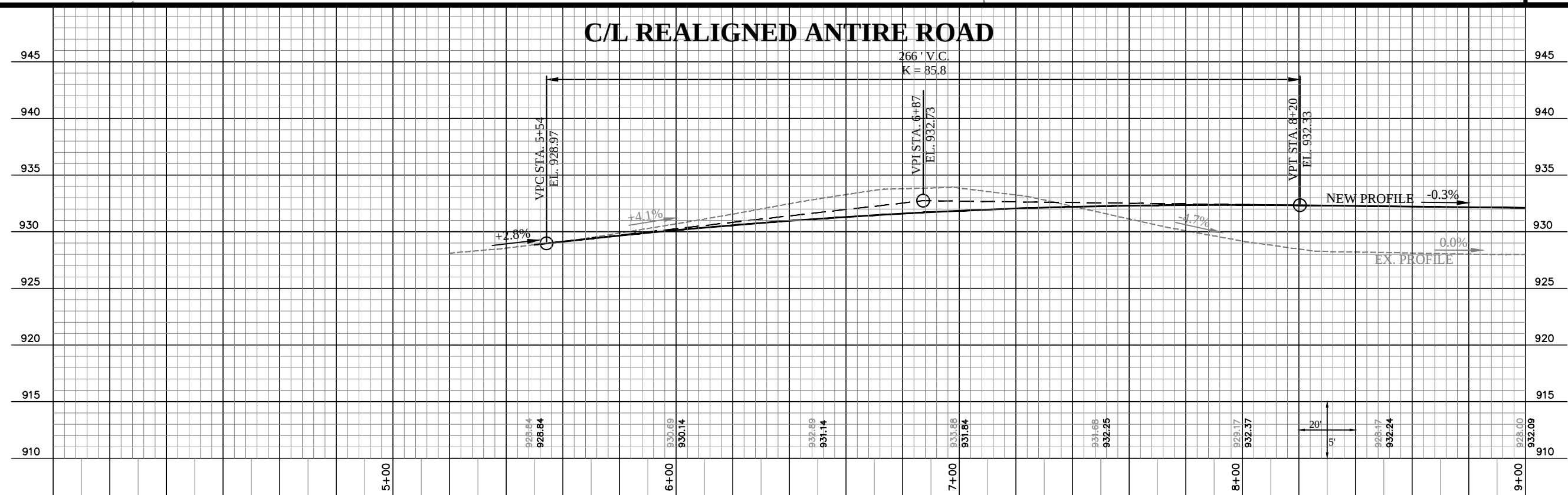
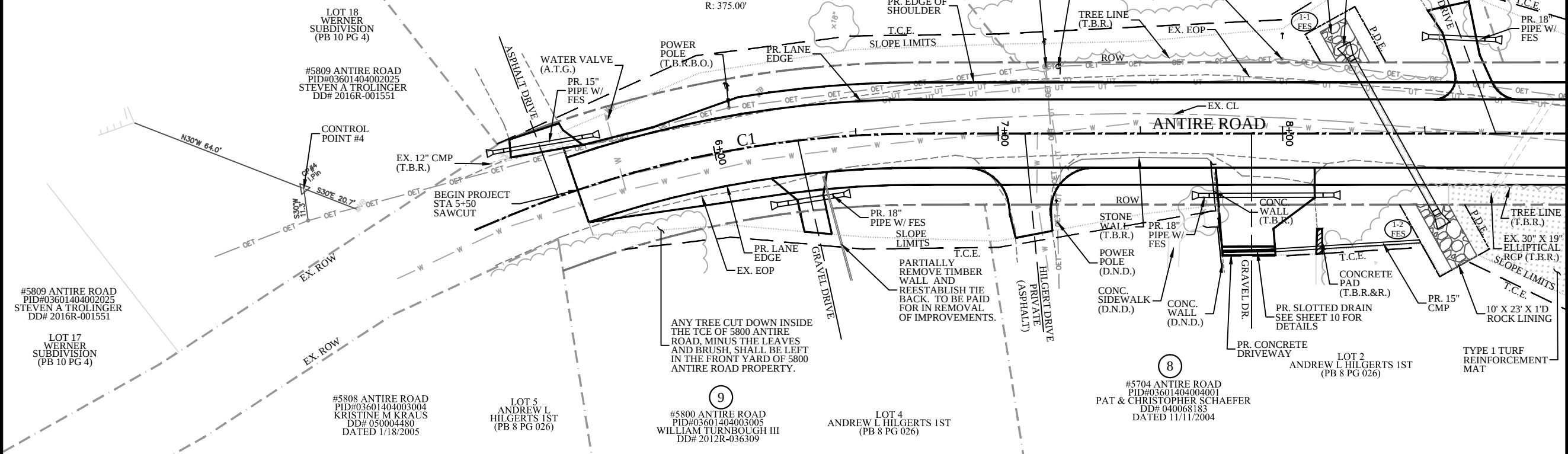
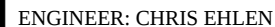
ENGINEER: CHRIS EHLEN

ANTIRE ROAD AT WILLIAMS CREEK
ROAD INTERSECTION IMPROVEMENTS
STP-5460 (604)

PUBLIC WORKS DEPARTMENT
JEFFERSON COUNTY, MO.

OVERALL PLAN

DRAWN BY:	BED
CHKD. BY:	CWE
DATE:	06/20/2019
SCALE:	1" = 50'
SHEET:	4



MATCHLINE STA. 9+00

**ANTIRE ROAD AT WILLIAMS CREEK
ROAD INTERSECTION IMPROVEMENTS
STP-5460 (604)**

**PUBLIC WORKS DEPARTMENT
JEFFERSON COUNTY, MO.
ANTIRE ROAD
PLAN/PROFILE**

DRAWN BY:
BED

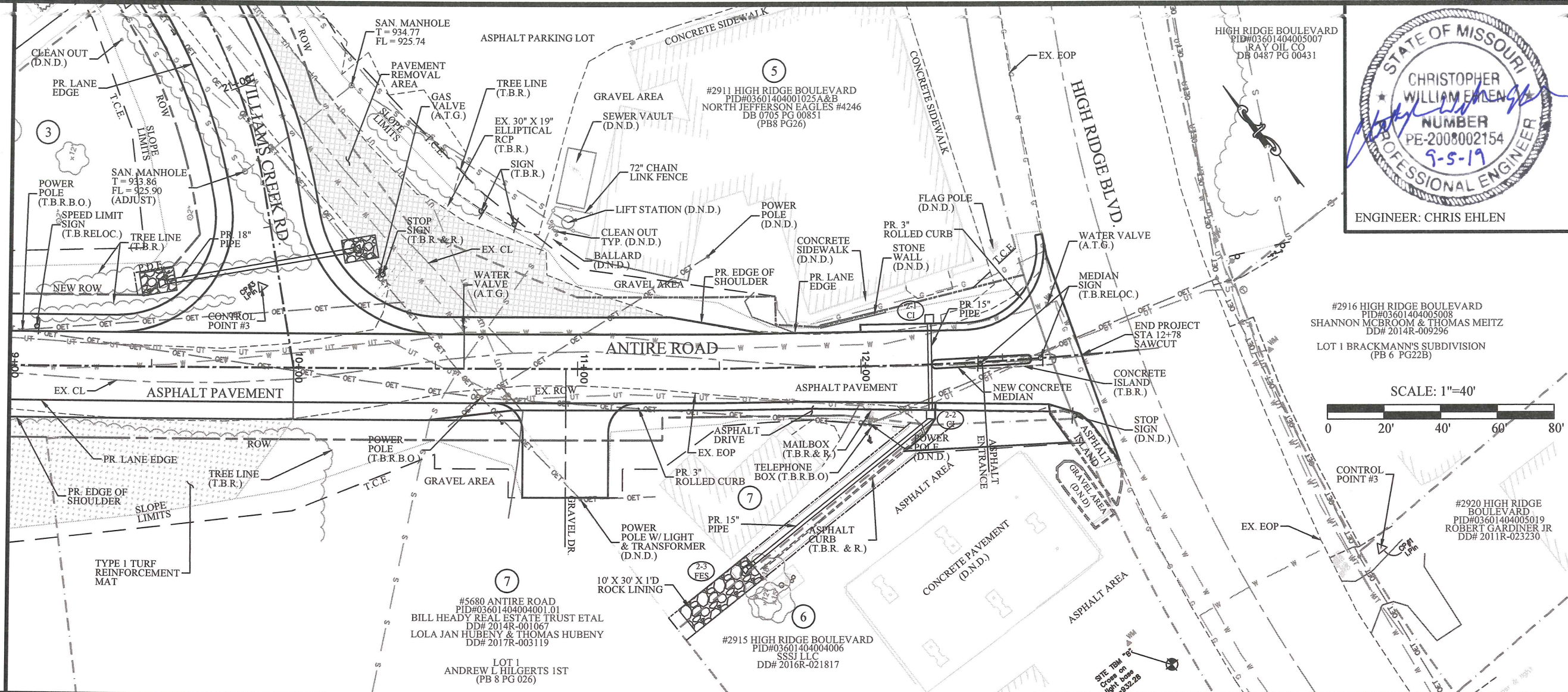
CHKD. BY:
CWE

DATE:
06/20/2019

SCALE:
1" = 40'

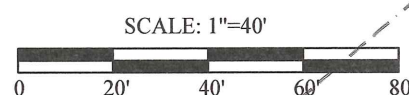
SHEET:
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MATCHLINE STA. 9+00



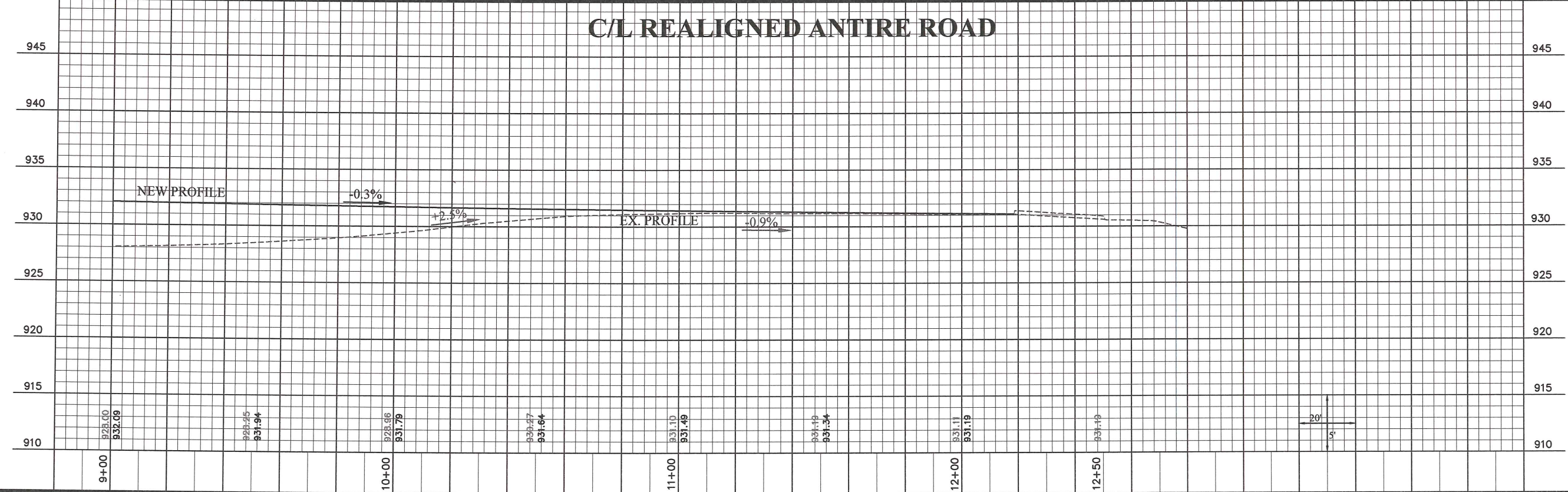
ENGINEER: CHRIS EHLEN

#2916 HIGH RIDGE BOULEVARD
PID#03601404005008
SHANNON MCBROOM & THOMAS MEITZ
DD# 2014R-009296
LOT 1 BRACKMANN'S SUBDIVISION
(PB 6 PG22B)



#2920 HIGH RIDGE BOULEVARD
PID#03601404005019
ROBERT GARDINER JR
DD# 2011R-023230

C/L REALIGNED ANTIRE ROAD



ANTIRE ROAD AT WILLIAMS CREEK
ROAD INTERSECTION IMPROVEMENTS
STP-5460 (604)

PUBLIC WORKS DEPARTMENT
JEFFERSON COUNTY, MO.
ANTIRE ROAD
PLAN/PROFILE

DATE	DESCRIPTION
9/5/2019	UPDATED MATCH LINE
DRAWN BY: BED	
CHKD. BY: CWE	
DATE: 09/05/2019	
SCALE: 1" = 40'	
SHEET: 6	

STATE OF MISSOURI

CHRISTOPHER WILLIAM EHLEN

NUMBER

PE-2008002154

6-20-19

PROFESSIONAL ENGINEER

ENGINEER: CHRIS EHLEN

0

20'

40'

60'

80'

SCALE: 1"=40'

0

20'

40'

60'

80'

0 20' 40' 60' 80'

RIGHT OF WAY SUMMARY													
PARCEL NO.	OWNER	EX. PROPERTY		EX. P.R.E		NEW R/W		T.C.E		DRAINAGE EASE.		REM. AREA	
		(AC.)	(S.F.)	(AC.)	(S.F.)	(AC.)	(S.F.)	(AC.)	(S.F.)	(AC.)	(S.F.)	(AC.)	(S.F.)
1	PATRICK & BOBBI MINNER	0.791	34451.9	0.076	3296	0.036	1580	0.030	1328	0	0	0.679	29575.9
2	LAWRENCE & TANYA COVINGTON	0.870	37897.2	0	0	0.062	2711	0.076	3317	0.008	337	0.808	35186.2
3	LAWRENCE & TANYA COVINGTON	0.300	13068	0	0	0.137	5972	0.062	2702	0.002	73	0.163	7096
4	TERRY & ALICIA WAMPLER	0.620	27007.2	0	0	0.021	918	0.025	1070	0	0	0.599	26089.2
5	NORTH JEFFERSON EAGLES	1.265	55113.8	0	0	0.033	1423	0.081	3525	0	0	1.233	53690.8
6	SSSJ LLC	0.620	27007.2	0	0	0	0	0	454	0.013	587	0.620	27007.2
7	BILL HEADY REAL ESTATE LOLA & THOMAS HUBENY	1.040	45302.4	0	0	0.054	2341	0.111	4848	0.013	557	0.986	42961.4
8	PAT & CHRISTOPHER SCHAEFER	1.005	43771.3	0.078	3387	0.027	1185	0.076	3301	0.011	459	0.900	39199.3
9	WILLIAM TURNBOUGH III	0.910	39639.6	0.059	2586	0.021	908	0.029	1268	0	0	0.830	36145.6
TOTAL		7.421	323258.6	0.213	9269	0.391	17038	0.501	21813	0.046	2013	6.817	296951.6

LEGEND

EX. R/W

EX. PRESCRIPTIVE EASEMENT

NEW R/W

PERMANENT DRAINAGE EASEMENT

TEMPORARY CONSTRUCTION EASEMENT

1

#5805 ANTIRE ROAD
PID#03601404002026
PATRICK & BOBBI MINNER
DD# 2010R-021006

2

#2833 WILLIAMS CREEK ROAD
PID#03601404002029
LAWRENCE M & TANYA M COVINGTON
DD# 050028573

3

#2833 WILLIAMS CREEK ROAD
PID#03601404002030
LAWRENCE M & TANYA M COVINGTON
DD# 050028574

4

#2832 WILLIAMS CREEK ROAD
PID#03601404001023
TERRY & ALICIA WAMPLER
DD# 2017R-020937

5

#2911 HIGH RIDGE BLVD
PID#03601404001025A&B
NORTH JEFFERSON EAGLES #4246
DB 0705 PG 00851 (PB8 PG26)

6

#5808 ANTIRE ROAD
PID#03601404003004
KRISTINE M KRAUS
DD# 050004480
DATED 1/18/2005

7

#5680 ANTIRE ROAD
PID#03601404004001.01
BILL HEADY REAL ESTATE TRUST ETAL
LOLA JAN HUBENY & THOMAS HUBENY
DD# 2017R-003119

8

#5704 ANTIRE ROAD
PID#03601404004001
PAT & CHRISTOPHER SCHAEFER
DD# 040068183
DATED 11/11/2004

9

#5800 ANTIRE ROAD
PID#03601404003005
WILLIAM TURNBOUGH III
DD# 2012R-036309

0

20'

40'

60'

80'

SCALE: 1"=40'

0

20'

40'

60'

80'

0 20' 40' 60' 80'

MATCHLINE STA. 10+50

ANTIRE ROAD AT WILLIAMS CREEK ROAD
INTERSECTION IMPROVEMENTS
STP-5460 (604)

PUBLIC WORKS DEPARTMENT
JEFFERSON COUNTY, MO.
ANTIRE ROAD
RIGHT-OF-WAY PLANS

DRAWN BY:
BED

CHKD. BY:
CWE

DATE:
06/20/2019

SCALE:
1" = 40'

SHEET:
8

MATCHLINE STA. 10+50

5
#2911 HIGH RIDGE BOULEVARD
PID#03601404001025A&B
NORTH JEFFERSON EAGLES #4246
DB 0705 PG 00851
(PB8 PG26)

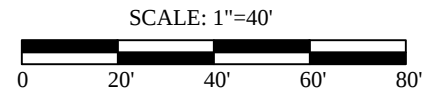
ASPHALT PAVEMENT

LEGEND

- EX. R/W
- EX. PRESCRIPTIVE EASEMENT
- NEW R/W
- PERMANENT DRAINAGE EASEMENT
- TEMPORARY CONSTRUCTION EASEMENT

HIGH RIDGE BOULEVARD
PID#03601404005007
RAY OIL CO
DB 0487 PG 00431

STATE OF MISSOURI
CHRISTOPHER WILHELM EHLEN
NUMBER
PE-2008002154
6-20-19
PROFESSIONAL ENGINEER
ENGINEER: CHRIS EHLEN



ANTIRE ROAD AT WILLIAMS CREEK ROAD
INTERSECTION IMPROVEMENTS
STP-5460 (604)

PUBLIC WORKS DEPARTMENT
JEFFERSON COUNTY, MO.
ANTIRE ROAD
RIGHT-OF-WAY PLANS

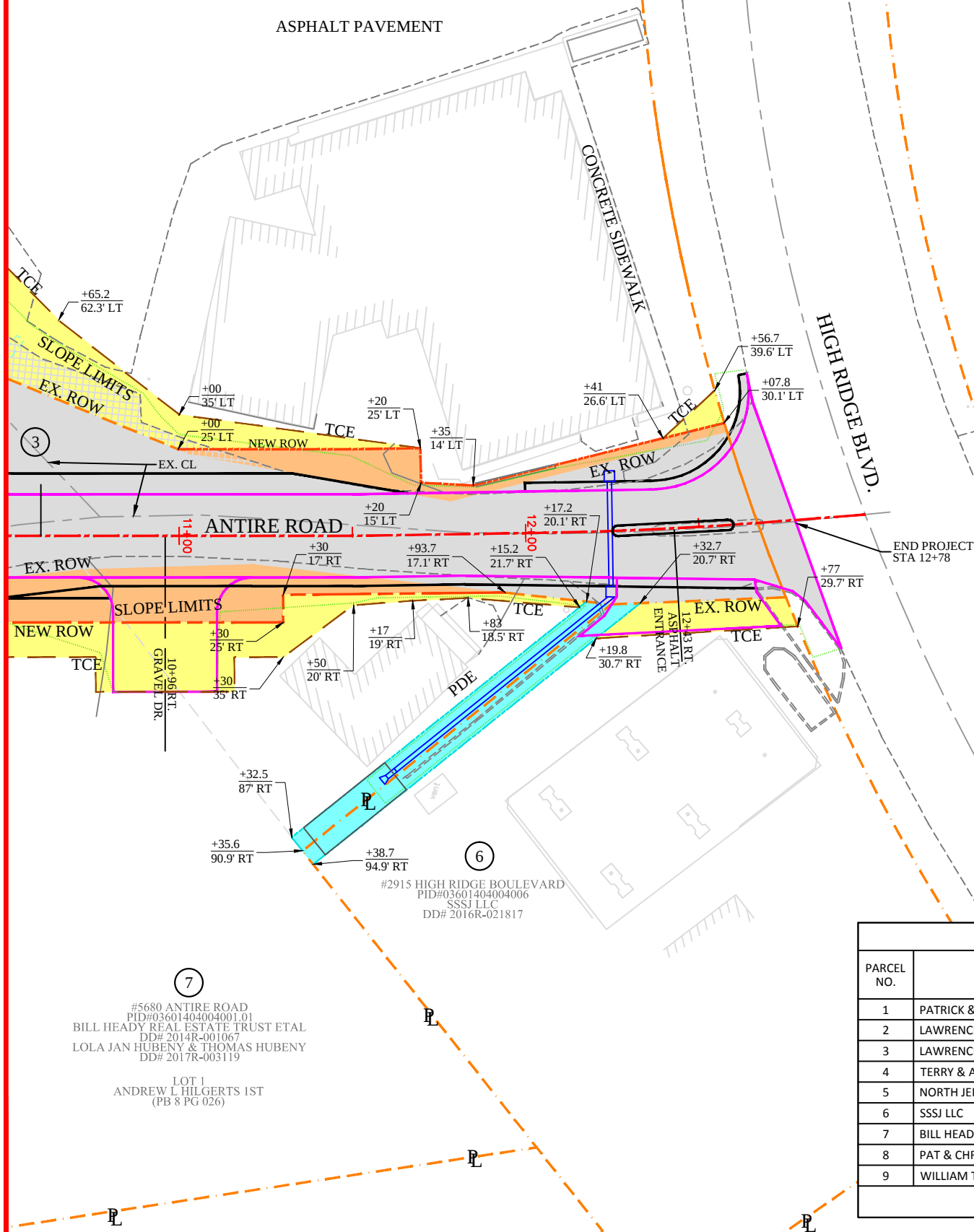
DRAWN BY:
BED

CHKD. BY:
CWE

DATE:
06/20/2019

SCALE:
1" = 40'

SHEET:
9



#2916 HIGH RIDGE BOULEVARD
PID#03601404005008
SHANNON MCBROOM & THOMAS MEITZ
DD# 2014R-009296
LOT 1 BRACKMANN'S SUBDIVISION
(PB 6 PG22B)

#2920 HIGH RIDGE BOULEVARD
PID#03601404005019
ROBERT GARDINER JR
DD# 2011R-023230

#2924 HIGH RIDGE BOULEVARD
PID#03601404005020
MWS PROPERTIES LLC
DD# 2016R-012302

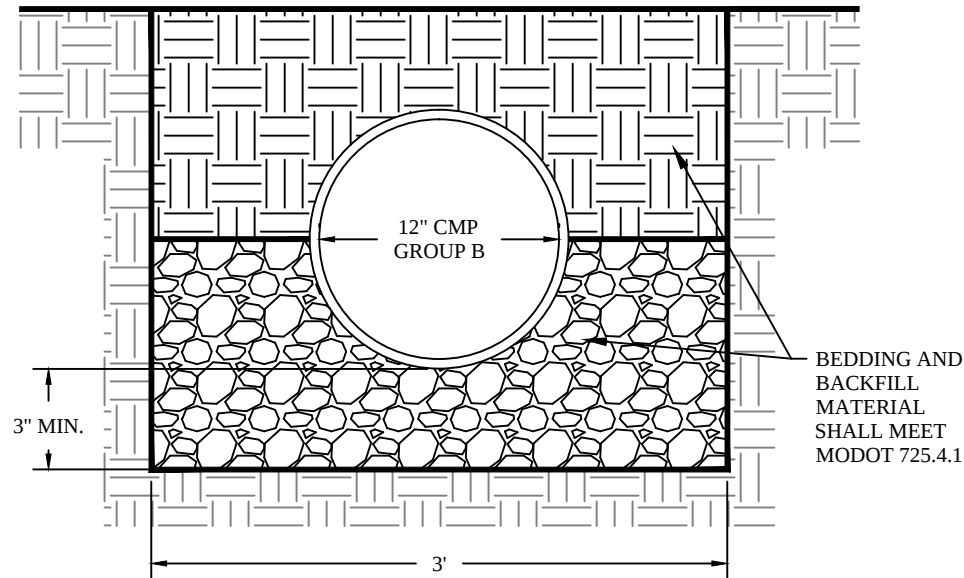
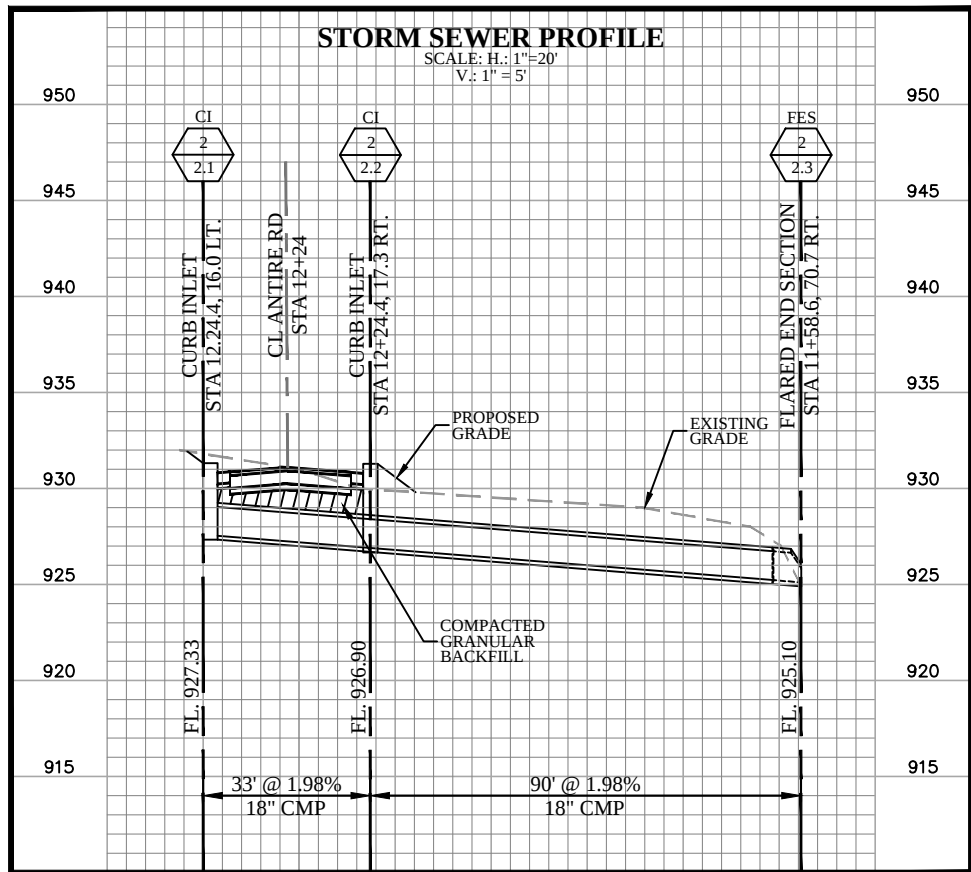
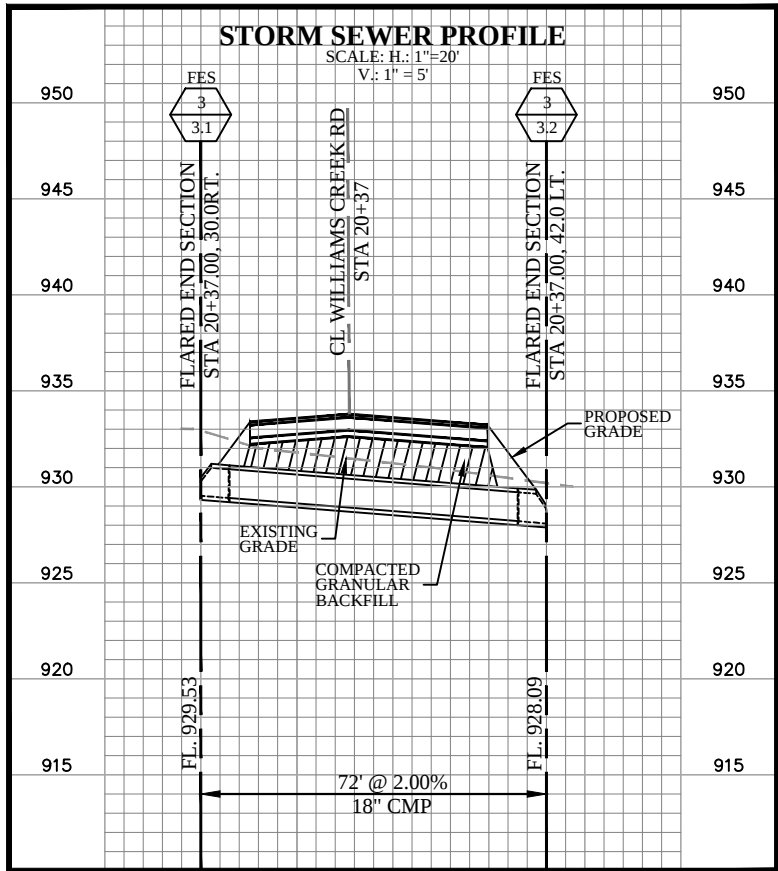
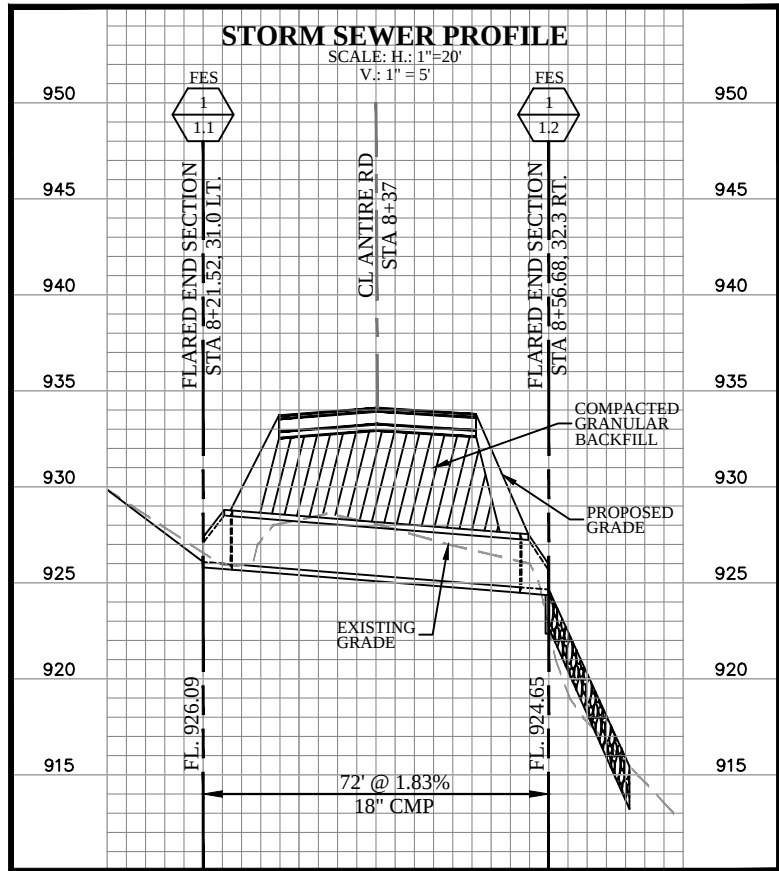
7
#5680 ANTIRE ROAD
PID#03601404004001.01
BILL HEADY REAL ESTATE TRUST ETAL
DD# 2014R-001067
LOLA JAN HUBENY & THOMAS HUBENY
DD# 2017R-003119

LOT 1
ANDREW L HILGERTS 1ST
(PB 8 PG 026)

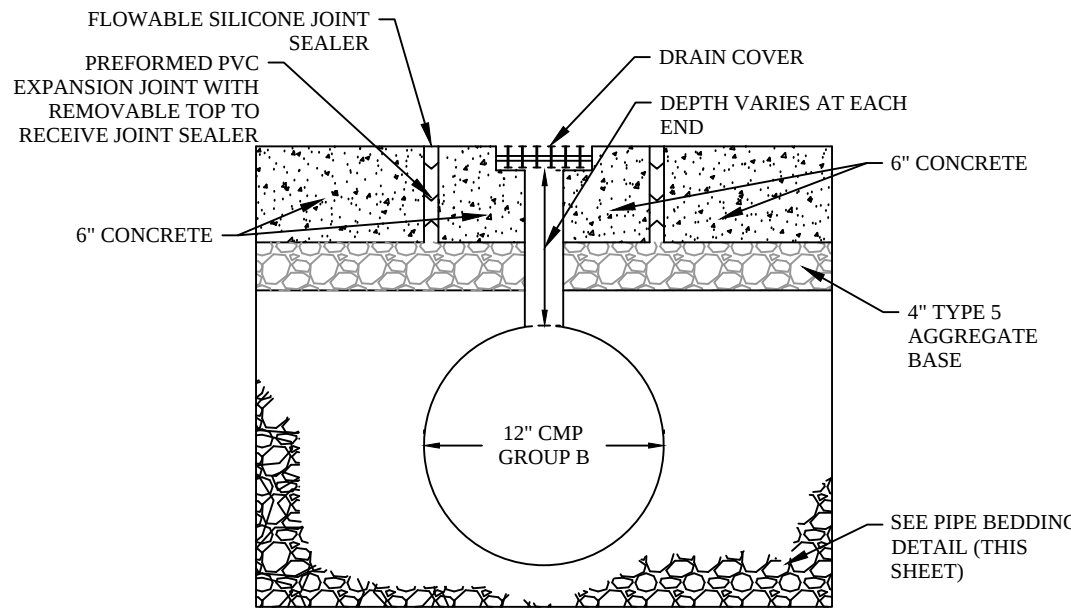
#2915 HIGH RIDGE BOULEVARD
PID#03601404004006
SSSJ LLC
DD# 2016R-021817

RIGHT OF WAY SUMMARY

PARCEL NO.	OWNER	EX. PROPERTY		EX. P.R.E		NEW R/W		T.C.E		DRAINAGE EASE.		REM. AREA	
		(AC.)	(S.F.)	(AC.)	(S.F.)	(AC.)	(S.F.)	(AC.)	(S.F.)	(AC.)	(S.F.)	(AC.)	(S.F.)
1	PATRICK & BOBBI MINNER	0.791	34451.9	0.076	3296	0.036	1580	0.030	1328	0	0	0.679	29575.9
2	LAWRENCE & TANYA COVINGTON	0.870	37897.2	0	0	0.062	2711	0.076	3317	0.008	337	0.808	35186.2
3	LAWRENCE & TANYA COVINGTON	0.300	13068	0	0	0.137	5972	0.062	2702	0.002	73	0.163	7096
4	TERRY & ALICIA WAMPLER	0.620	27007.2	0	0	0.021	918	0.025	1070	0	0	0.599	26089.2
5	NORTH JEFFERSON EAGLES	1.265	55113.8	0	0	0.033	1423	0.081	3525	0	0	1.233	53690.8
6	SSSJ LLC	0.620	27007.2	0	0	0	0	0	454	0.013	587	0.620	27007.2
7	BILL HEADY REAL ESTATE LOLA & THOMAS HUBENY	1.040	45302.4	0	0	0.054	2341	0.111	4848	0.013	557	0.986	42961.4
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TOTAL		7.421	323258.6	0.213	9269	0.391	17038	0.501	21813	0.046	2013	6.817	296951.6



PIPE BEDDING DETAIL
N.T.S



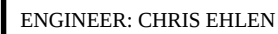
SLOTTED DRAIN DETAILS (STA 8+75 RT)
N.T.S

STATE OF MISSOURI
CHRISTOPHER WILLIAM EHLEN
NUMBER PE-2008002154
6-20-19
PROFESSIONAL ENGINEER
ENGINEER: CHRIS EHLEN

ANTIRE ROAD AT WILLIAMS CREEK
ROAD INTERSECTION IMPROVEMENTS
STP-5460 (604)

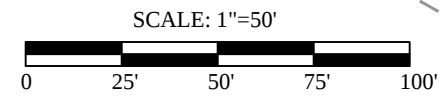
PUBLIC WORKS DEPARTMENT
JEFFERSON COUNTY, MO.
ANTIRE ROAD
STORM SEWER

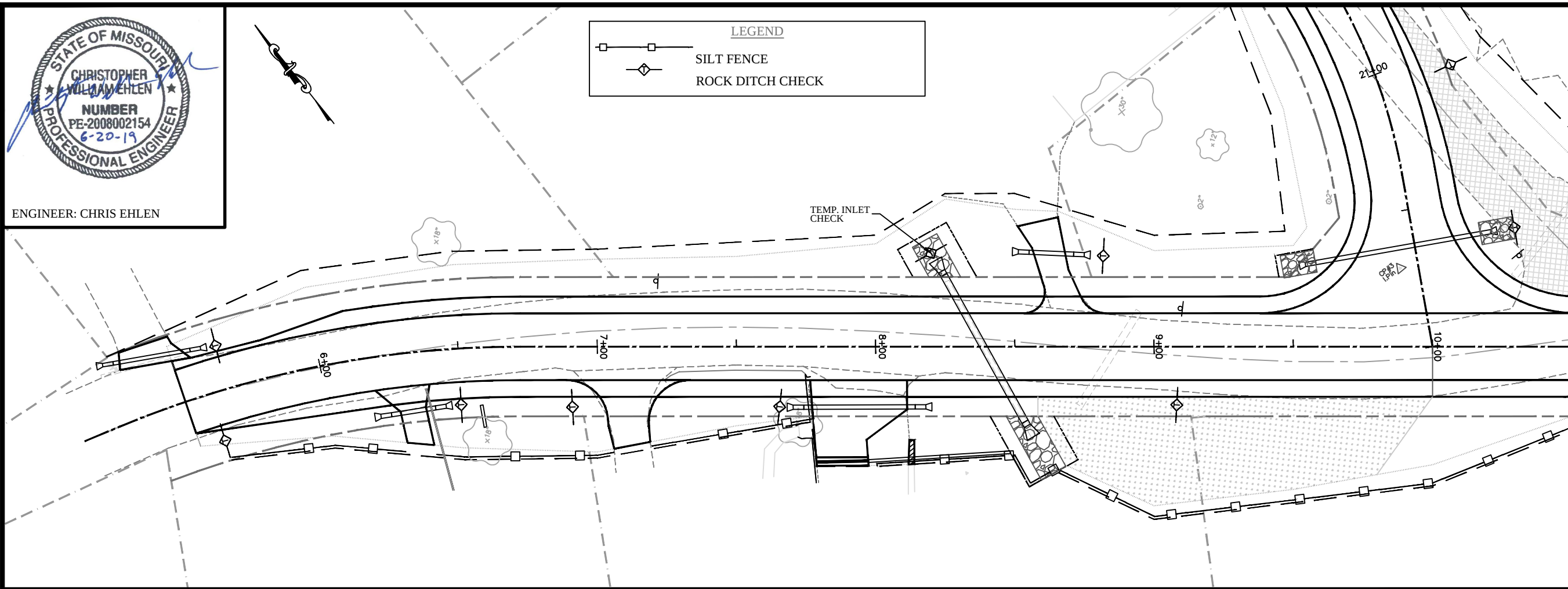
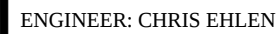
DRAWN BY:	BED
CHKD. BY:	CWE
DATE:	06/20/2019
SCALE:	NTS
SHEET:	10



STRIPING

DRAWN BY:	BED
CHKD. BY:	CWE
DATE:	06/20/2019
SCALE:	1" = 50'
SHEET:	11

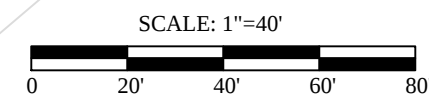




MATCHLINE STA. 10+50

**ANTIRE ROAD AT WILLIAMS CREEK
ROAD INTERSECTION IMPROVEMENTS
STP-5460 (604)**

MATCHLINE STA. 10+50



DRAWN BY:
BED

CHKD. BY:
CWE

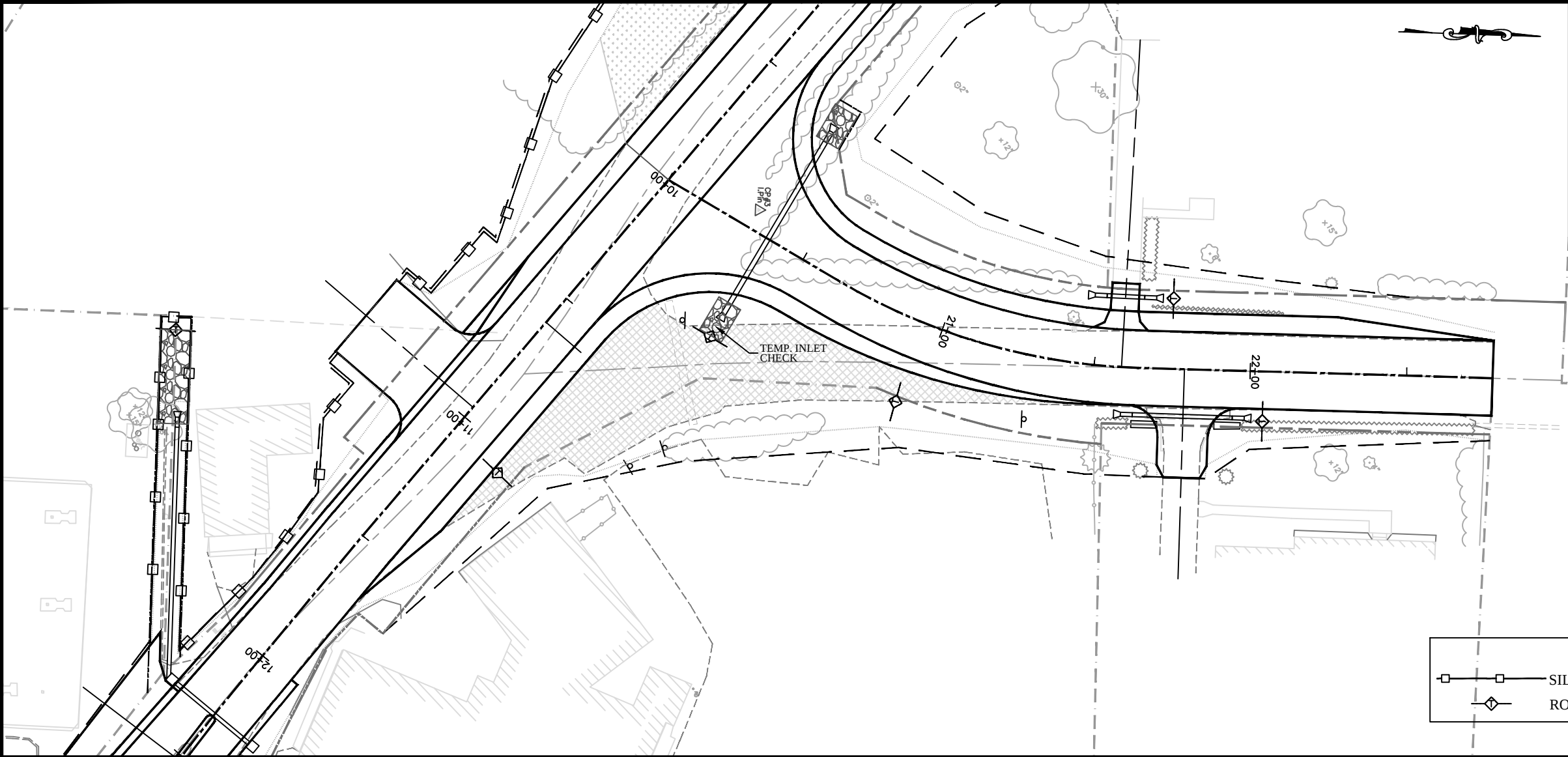
DATE: **06/20/2019**

SCALE:
1" = 40'

SHEET: 12

**PUBLIC WORKS DEPARTMENT
JEFFERSON COUNTY, MO.**

**EROSION CONTROL
ANTIRE ROAD**



STATE OF MISSOURI

CHRISTOPHER WILLIAM EHLEN

NUMBER PE-2008002154

6-20-19

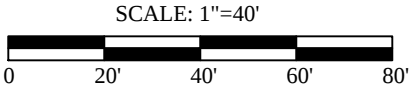
PROFESSIONAL ENGINEER

ENGINEER: CHRIS EHLEN

LEGEND

SILT FENCE

ROCK DITCH CHECK



ANTIRE ROAD AT WILLIAMS CREEK
ROAD INTERSECTION IMPROVEMENTS
STP-5460 (604)

PUBLIC WORKS DEPARTMENT
JEFFERSON COUNTY, MO.
EROSION CONTROL
WILLIAMS CREEK ROAD

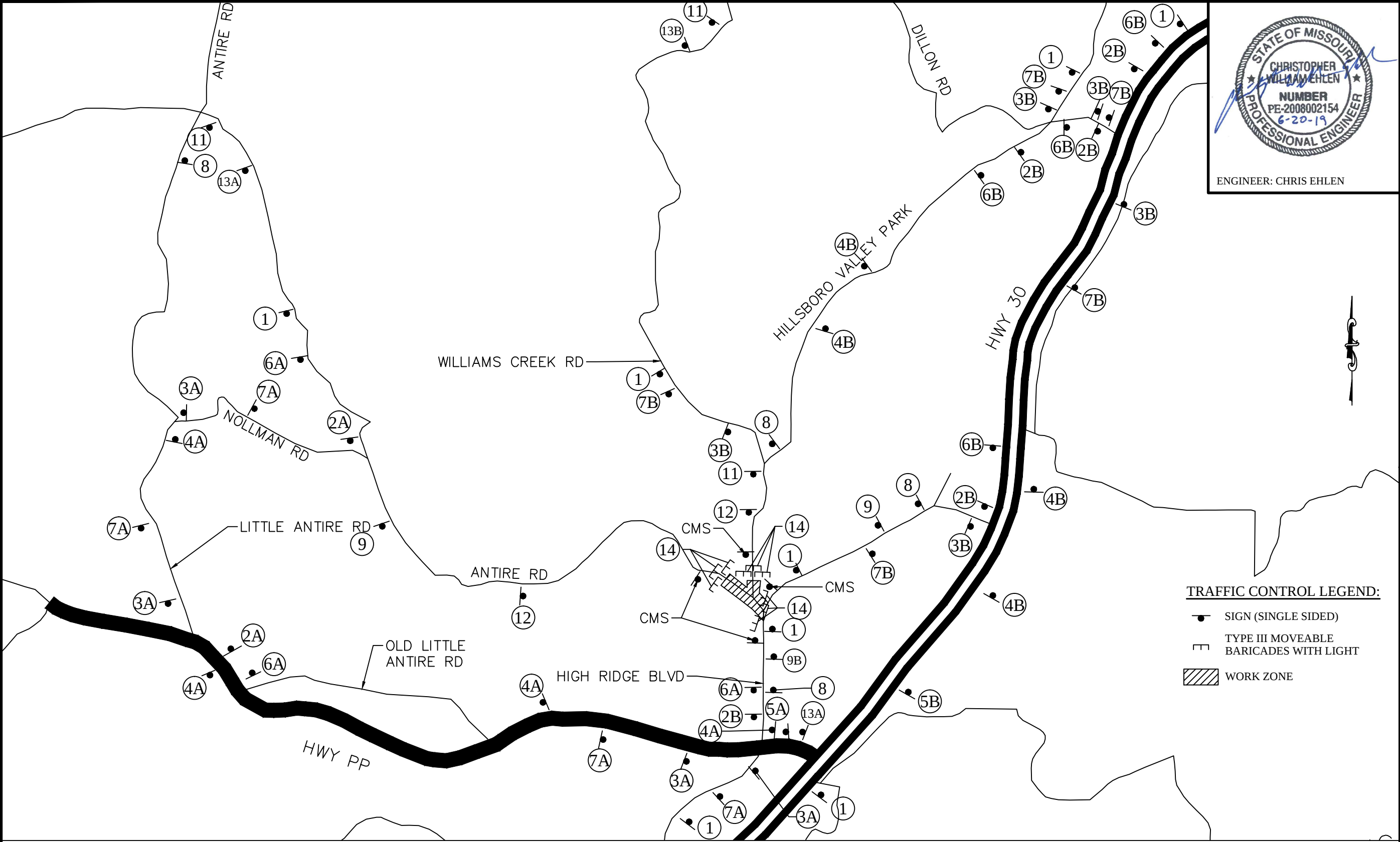
DRAWN BY:
BED

CHKD. BY:
CWE

DATE:
06/20/2019

SCALE:
1" = 40'

SHEET:
13



ENGINEER: CHRIS EHLEN

TRAFFIC CONTROL LEGEND:

- SIGN (SINGLE SIDED)
- TYPE III MOVEABLE BARRICADES WITH LIGHT
- WORK ZONE

- NOTES:**
- 1. SIGN LOCATIONS TO BE APPROVED BY ENGINEER.
 - 2. DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS WITH PERMISSION OF THE ENGINEER.
 - 3. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATION OF TCP SIGNS AND DEVICES.
 - 4. ANY EXISTING SIGNS THAT CONFLICT WITH TEMPORARY TRAFFIC CONTROL SHALL BE COVERED OR REMOVED.
 - 5. CONTRACTOR TO MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES.
 - 6. ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
 - 7. ALL TRAFFIC CONTROL ITEMS NOT INCLUDED IN THE PAY ITEM ARE TO BE CONSIDERED INCIDENTAL.

ANTIRE ROAD AT WILLIAMS CREEK
ROAD INTERSECTION IMPROVEMENTS
STP-5460 (604)

PUBLIC WORKS DEPARTMENT
JEFFERSON COUNTY, MO.

TRAFFIC CONTROL

DRAWN BY:
BED

CHKD. BY:
CWE

DATE:
09/03/2019

SCALE:
N.T.S.

SHEET:
14



W20-2
36x36
1

ANTIRE RD

SP-1
30x18



M4-9R
30x24
2A

WILLIAMS CREEK

SP-2
30x18



M4-9R
30x24
2B

ANTIRE RD

SP-1
30x18



M4-9L
30x24
3A

WILLIAMS CREEK

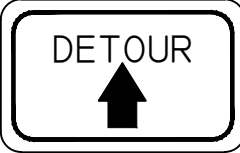
SP-2
30x18



M4-9L
30x24
3B

ANTIRE RD

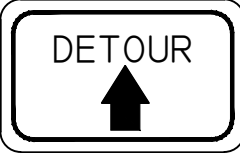
SP-1
30x18



M4-9T
21x15
4A

WILLIAMS CREEK

SP-2
30x18



M4-9T
21x15
4B



ENGINEER: CHRIS EHLEN

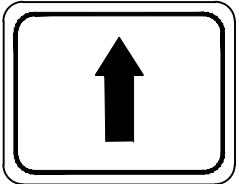
ANTIRE ROAD AT WILLIAMS CREEK
ROAD INTERSECTION IMPROVEMENTS
STP-5460 (604)

ANTIRE RD

SP-1
30x18

DETOUR

M4-8
24x12



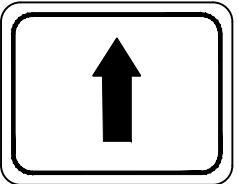
M6-3
21x15
5A

WILLIAMS CREEK

SP-2
30x18

DETOUR

M4-8
24x12



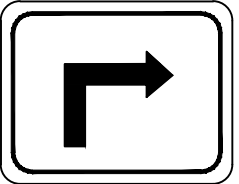
M6-3
21x15
5B

ANTIRE RD

SP-1
30x18

DETOUR

M4-8
24x12



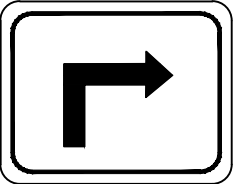
M5-1R
21x15
6A

WILLIAMS CREEK

SP-2
30x18

DETOUR

M4-8
24x12



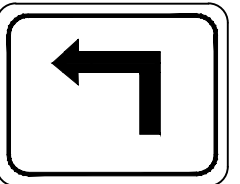
M5-1R
21x15
6B

ANTIRE RD

SP-1
30x18

DETOUR

M4-8
24x12



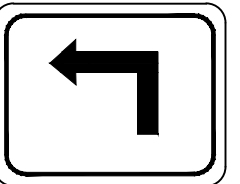
M5-1L
21x15
7A

WILLIAMS CREEK

SP-2
30x18

DETOUR

M4-8
24x12



M5-1L
21x15
7B

ANTIRE ROAD
CLOSED EAST OF
WILLIAMS CREEK
FOLLOW DETOUR

SP-3
96x48
13A

WILLIAMS CREEK
RD CLOSED NORTH
OF ANITIRE ROAD
FOLLOW DETOUR

SP-4
96x48
13B

END
DETOUR

M4-8A
24x12
8



W020-3
36x36
9



W020-3
36x36

ROAD CLOSED
TO
THRU TRAFFIC

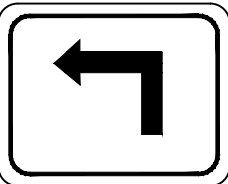
R11-4
60x30
11



W020-3
36x36
12

ROAD
CLOSED

R11-2R
48x30
14



M5-1L
21x15
9B

PUBLIC WORKS DEPARTMENT
JEFFERSON COUNTY, MO.

TRAFFIC CONTROL

DRAWN BY:
BED

CHKD. BY:
CWE

DATE:
09/03/2019

SCALE:
N.T.S.

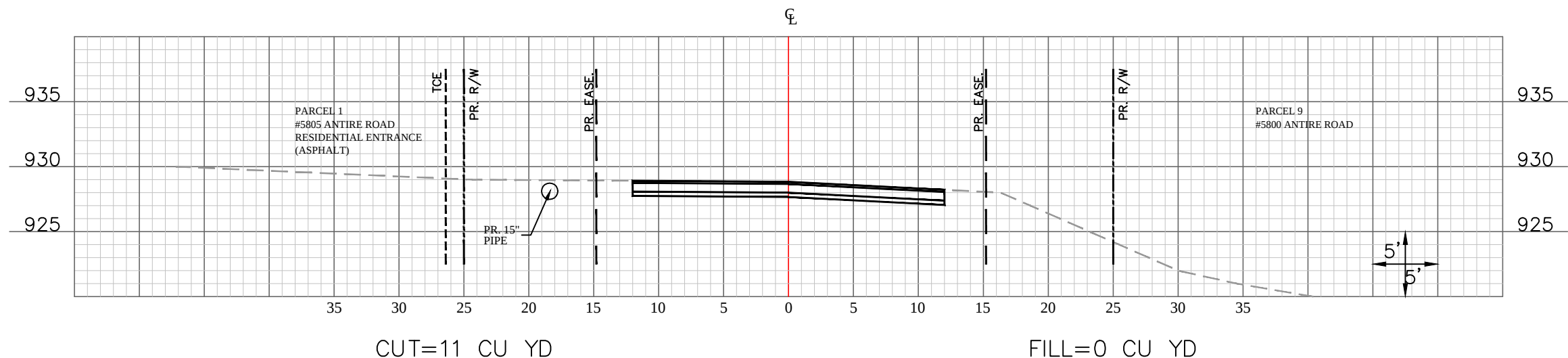
SHEET:
15



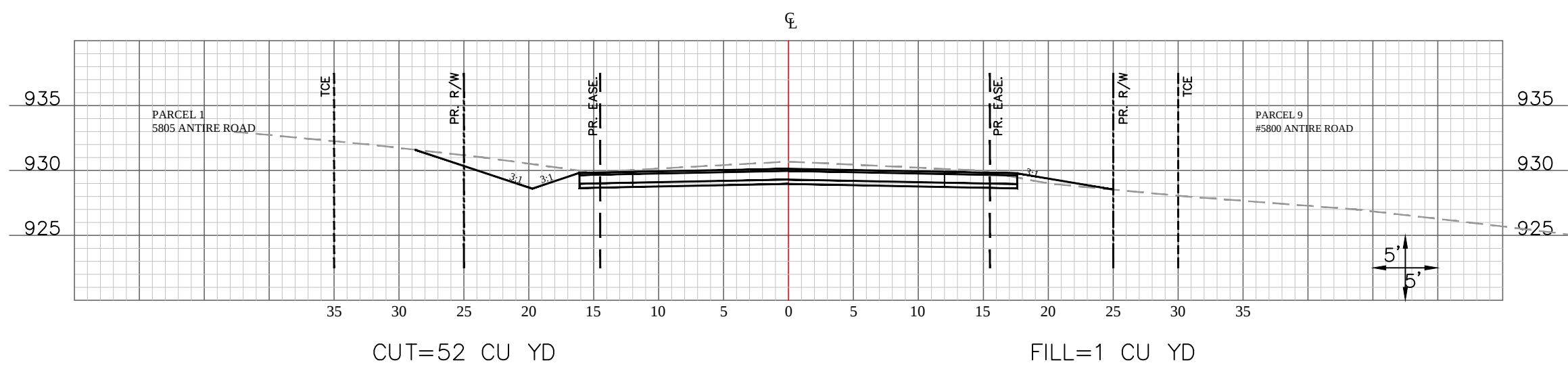
ENGINEER: CHRIS EHLEN

ANTIRE ROAD AT WILLIAMS CREEK
ROAD INTERSECTION IMPROVEMENTS
STP-5460 (604)

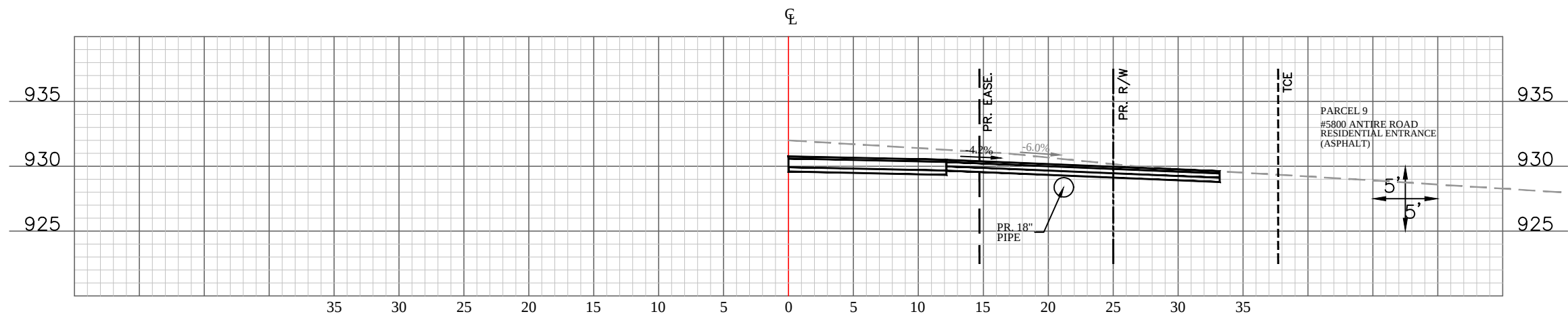
PUBLIC WORKS DEPARTMENT
JEFFERSON COUNTY, MO.
ANTIRE ROAD
CROSS SECTIONS



5+50



6+00



6+30 RT

DRAWN BY:
BED

CHKD. BY:
CWE

DATE:
06/20/2019

SCALE:
1" = 10'

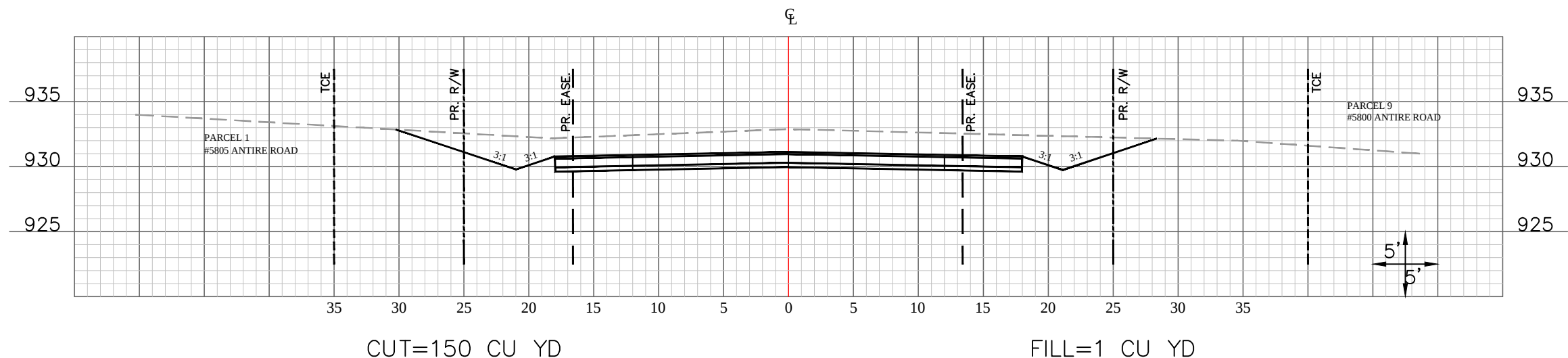
SHEET:
XS1



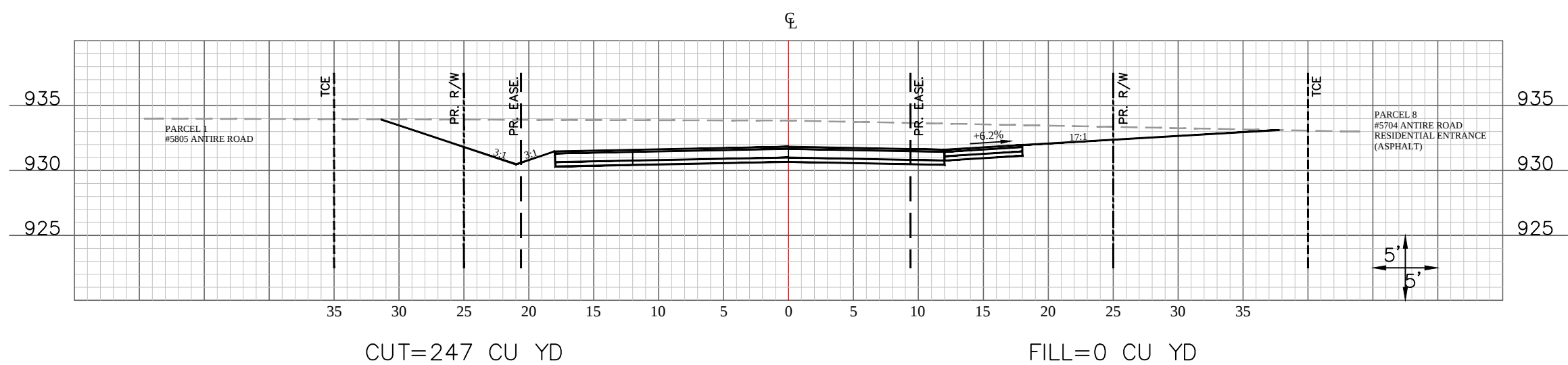
ENGINEER: CHRIS EHLEN

ANTIRE ROAD AT WILLIAMS CREEK
ROAD INTERSECTION IMPROVEMENTS
STP-5460 (604)

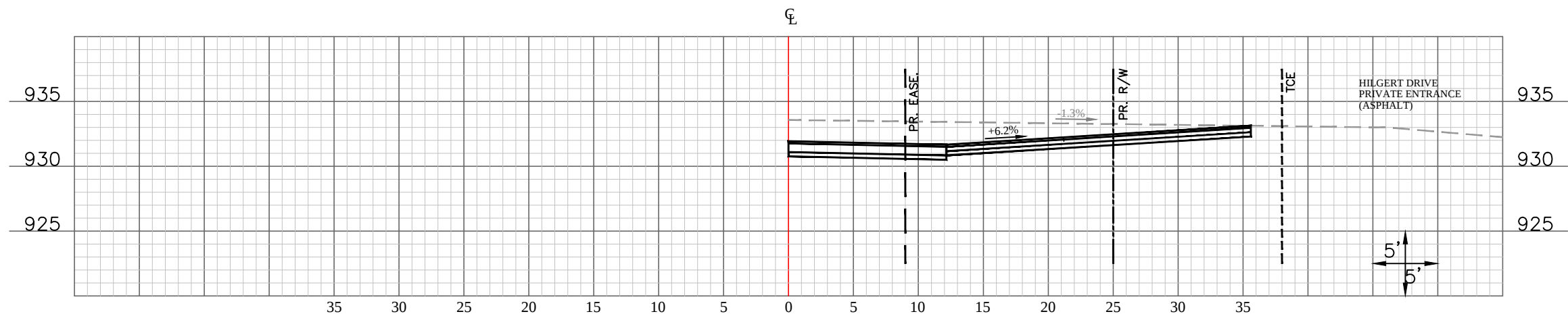
PUBLIC WORKS DEPARTMENT
JEFFERSON COUNTY, MO.
ANTIRE ROAD
CROSS SECTIONS



6+50



7+00



7+09 RT

DRAWN BY:	BED
CHKD. BY:	CWE
DATE:	06/24/2019
SCALE:	1" = 10'
SHEET:	XS2

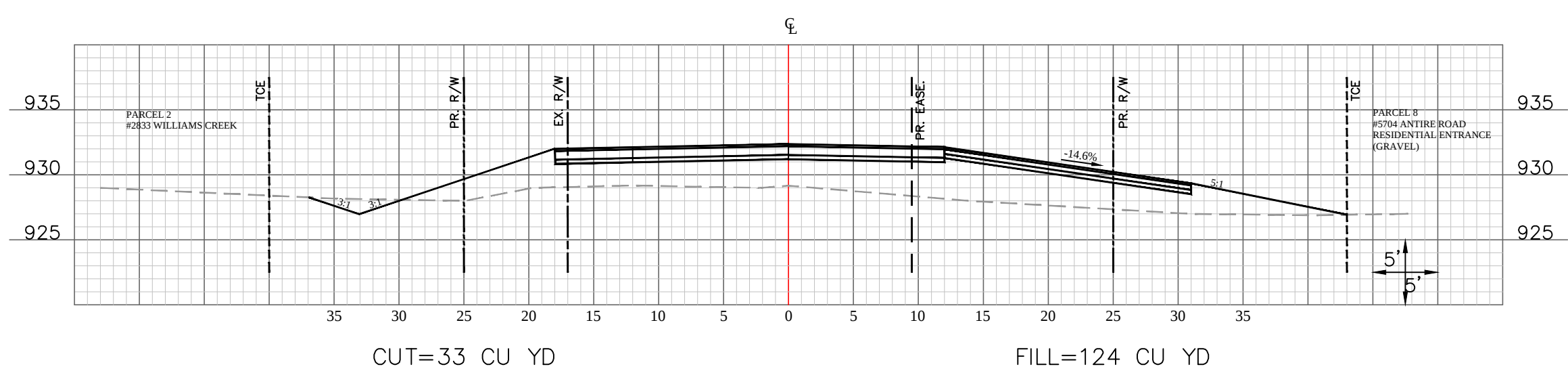
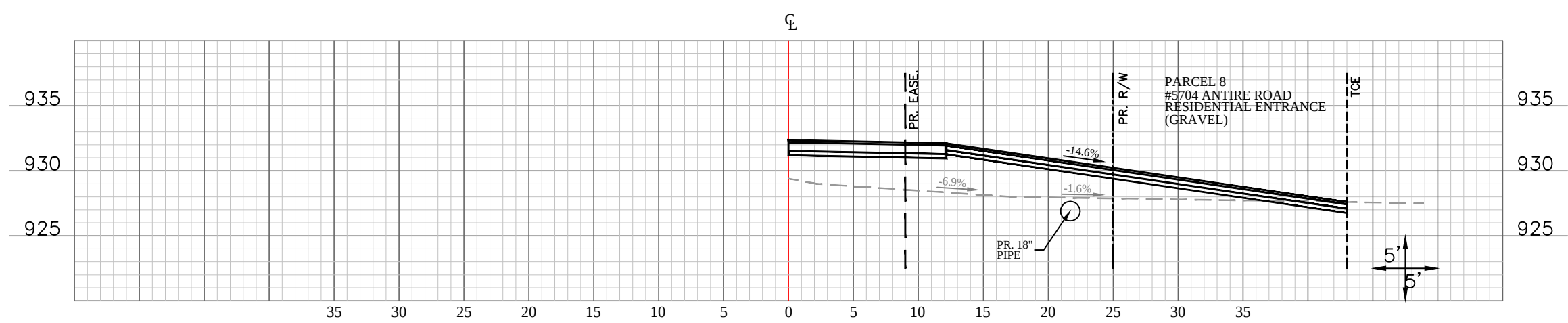
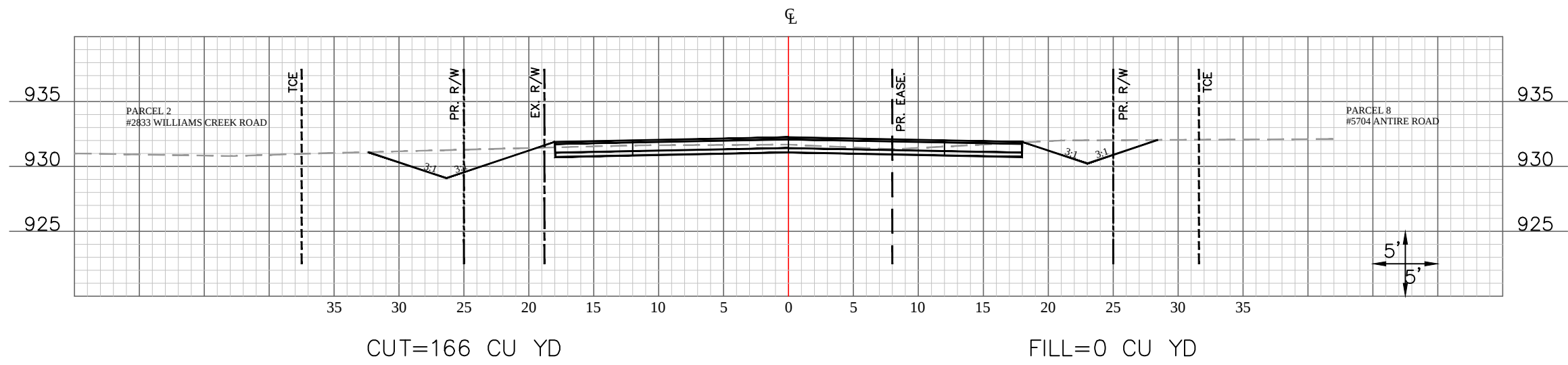


ENGINEER: CHRIS EHLEN

ANTIRE ROAD AT WILLIAMS CREEK
ROAD INTERSECTION IMPROVEMENTS
STP-5460 (604)

PUBLIC WORKS DEPARTMENT
JEFFERSON COUNTY, MO.
ANTIRE ROAD
CROSS SECTIONS

DRAWN BY: **BED**
CHKD. BY: **CWE**
DATE: **06/20/2019**
SCALE: **1" = 10'**
SHEET: **XS3**

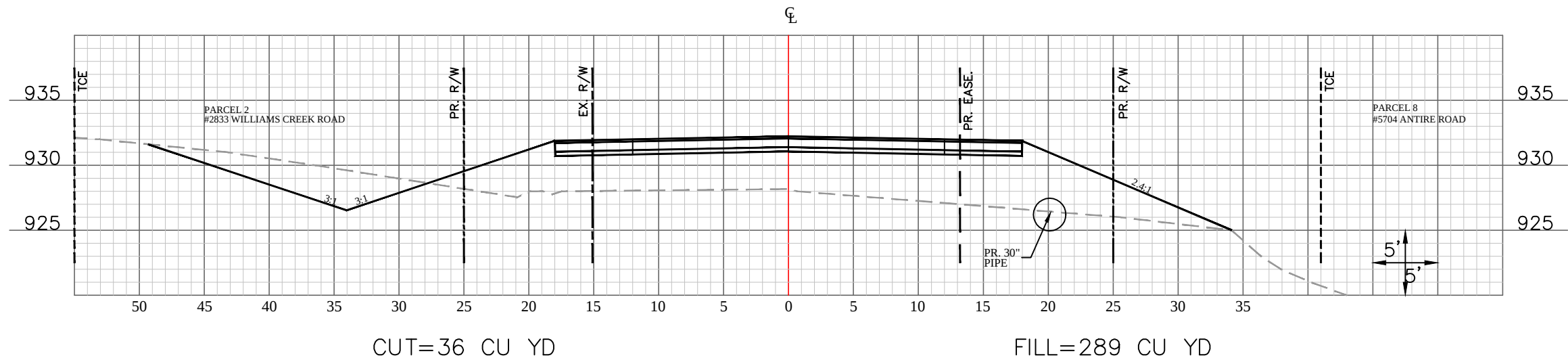




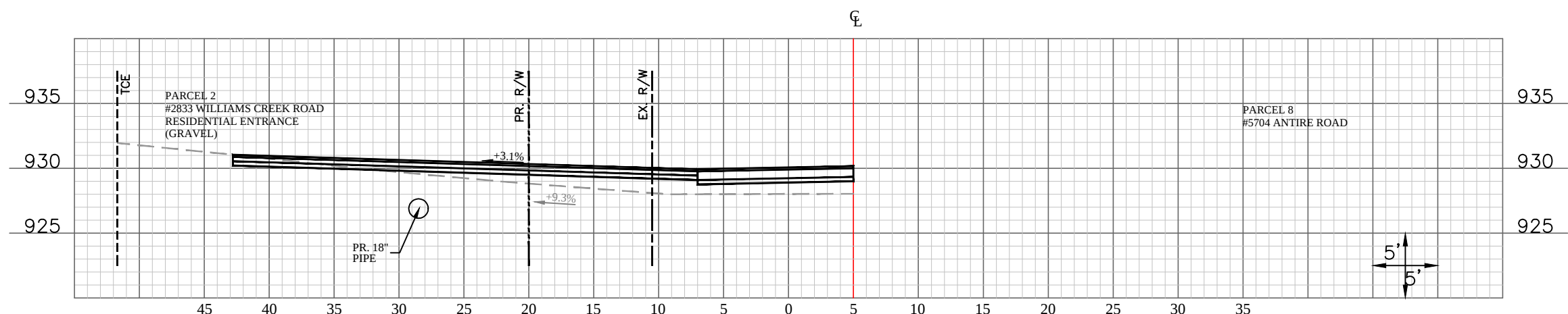
ENGINEER: CHRIS EHLEN

ANTIRE ROAD AT WILLIAMS CREEK
ROAD INTERSECTION IMPROVEMENTS
STP-5460 (604)

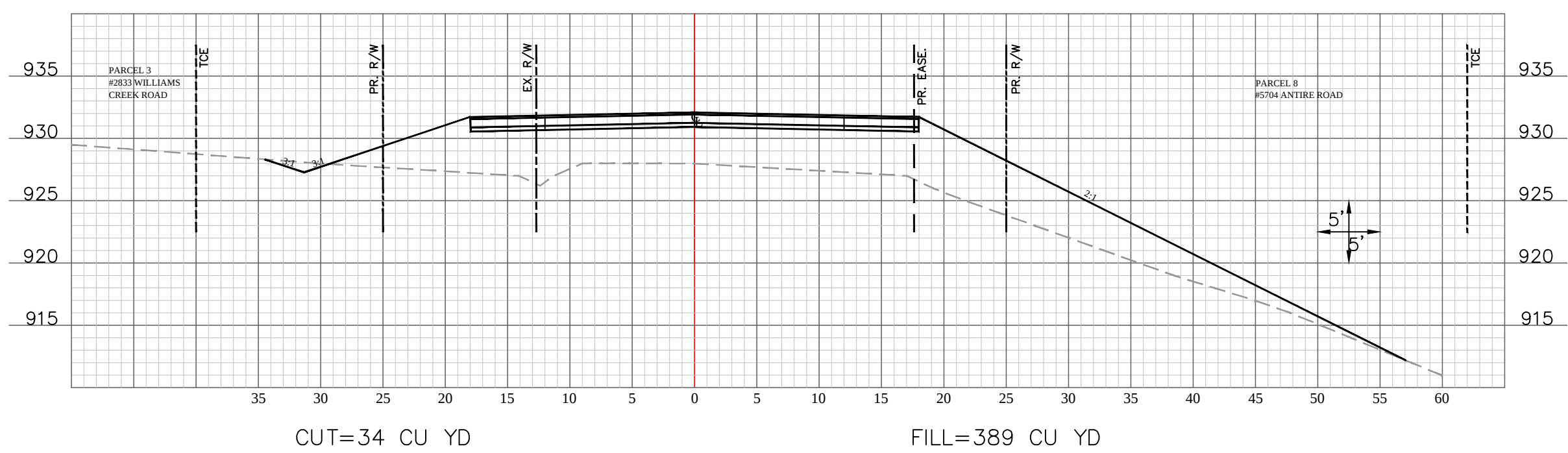
PUBLIC WORKS DEPARTMENT
JEFFERSON COUNTY, MO.
ANTIRE ROAD
CROSS SECTIONS



8+50



8+75 LT



9+00

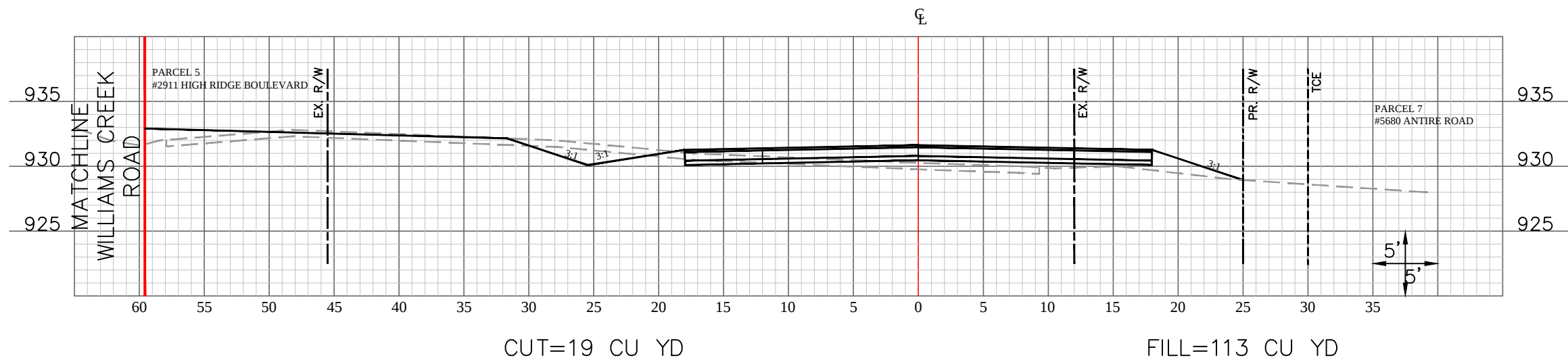
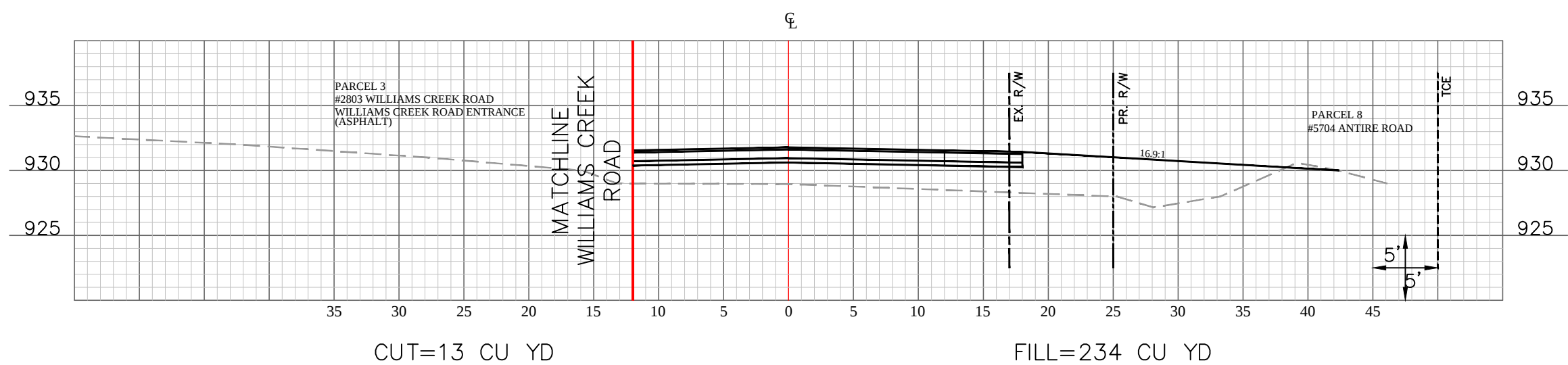
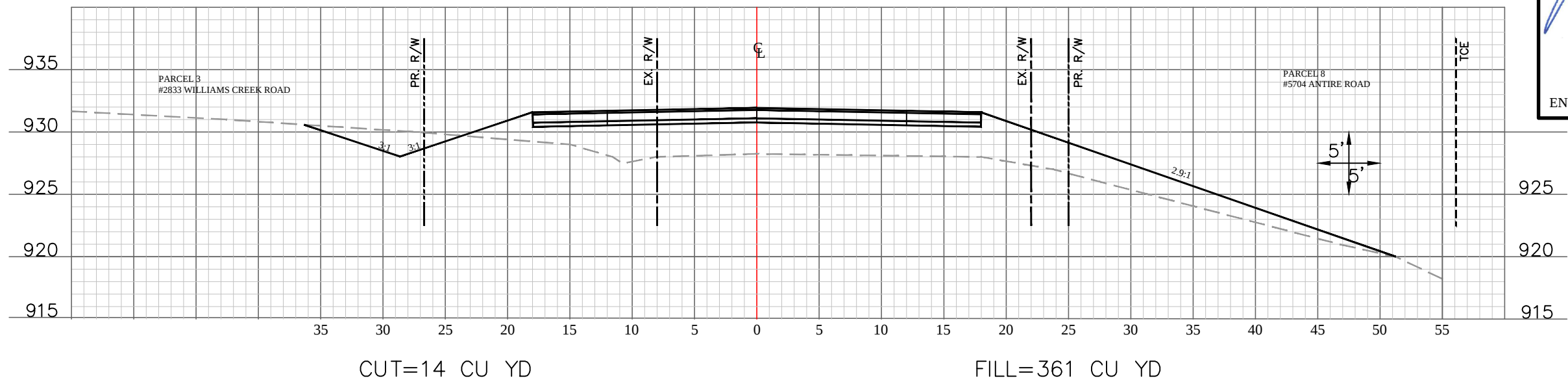
DRAWN BY:	BED
CHKD. BY:	CWE
DATE:	06/20/2019
SCALE:	1" = 10'
SHEET:	XS4



ENGINEER: CHRIS EHLEN

ANTIRE ROAD AT WILLIAMS CREEK
ROAD INTERSECTION IMPROVEMENTS
STP-5460 (604)

PUBLIC WORKS DEPARTMENT
JEFFERSON COUNTY, MO.
ANTIRE ROAD
CROSS SECTIONS



DRAWN BY:	BED
CHKD. BY:	CWE
DATE:	06/20/2019
SCALE:	1" = 10'
SHEET:	XS5

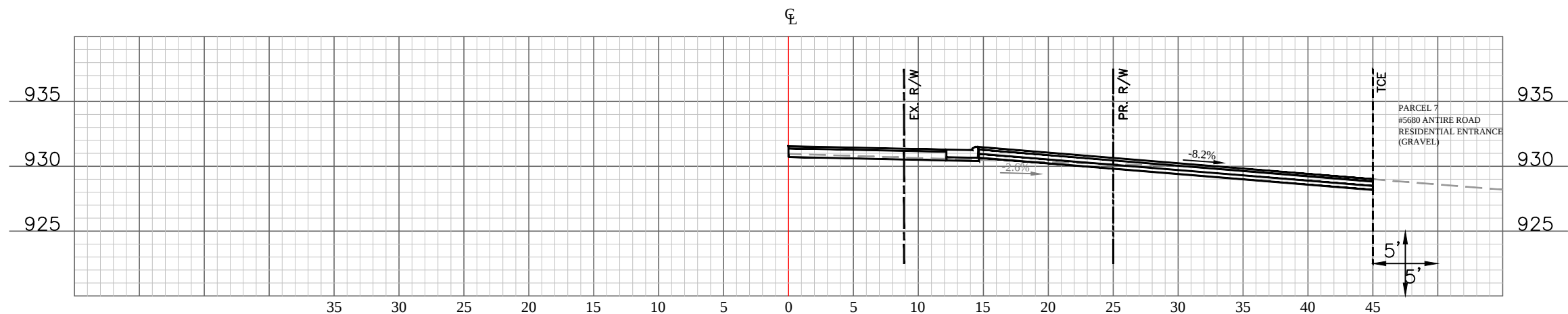


ENGINEER: CHRIS EHLEN

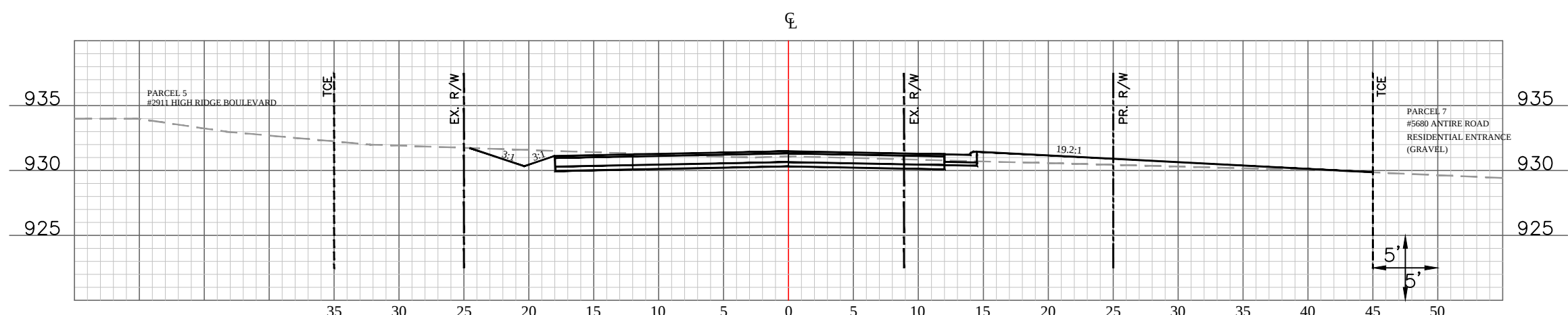
ANTIRE ROAD AT WILLIAMS CREEK
ROAD INTERSECTION IMPROVEMENTS
STP-5460 (604)

PUBLIC WORKS DEPARTMENT
JEFFERSON COUNTY, MO.
ANTIRE ROAD
CROSS SECTIONS

DRAWN BY:	BED
CHKD. BY:	CWE
DATE:	06/20/2019
SCALE:	1" = 10'
SHEET:	XS6



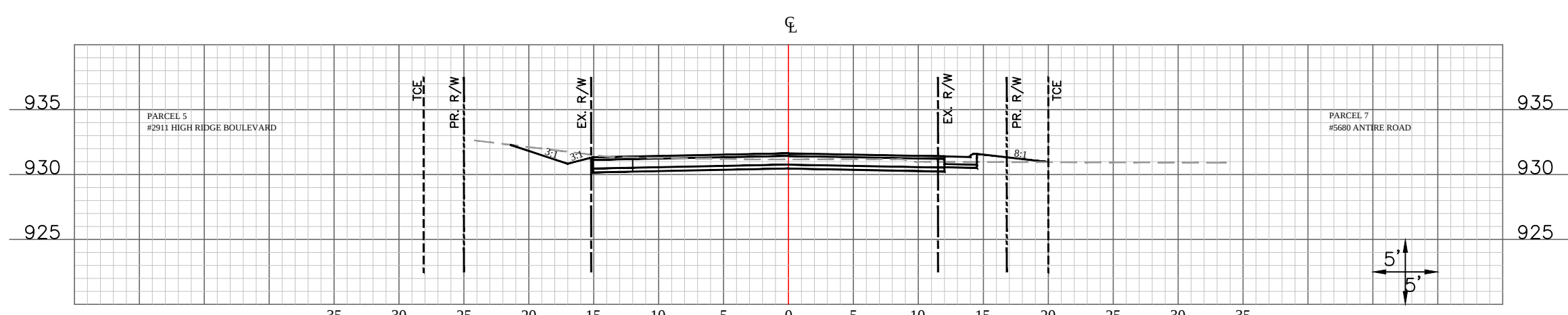
10+96 RT



11+00

CUT=34 CU YD

FILL=25 CU YD



11+50

CUT=26 CU YD

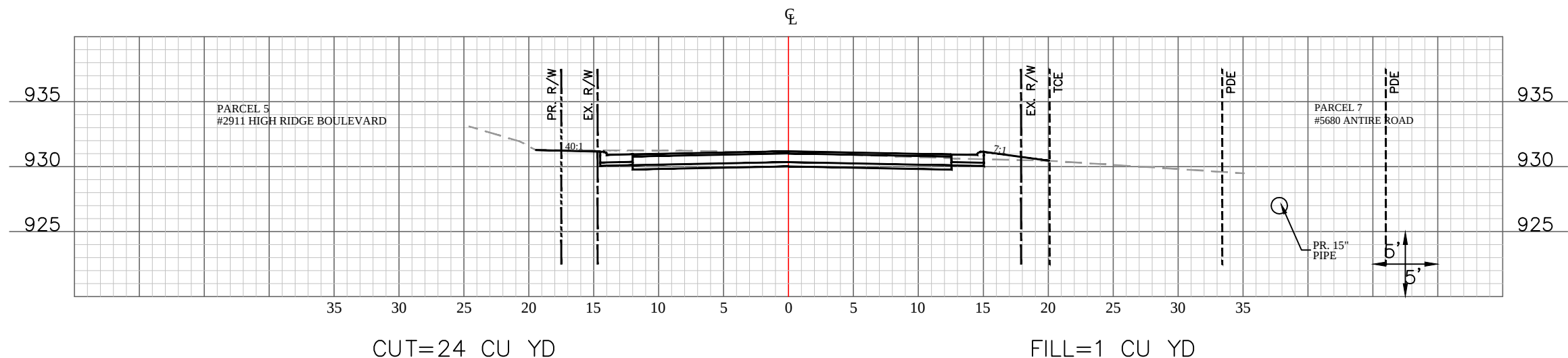
FILL=10 CU YD



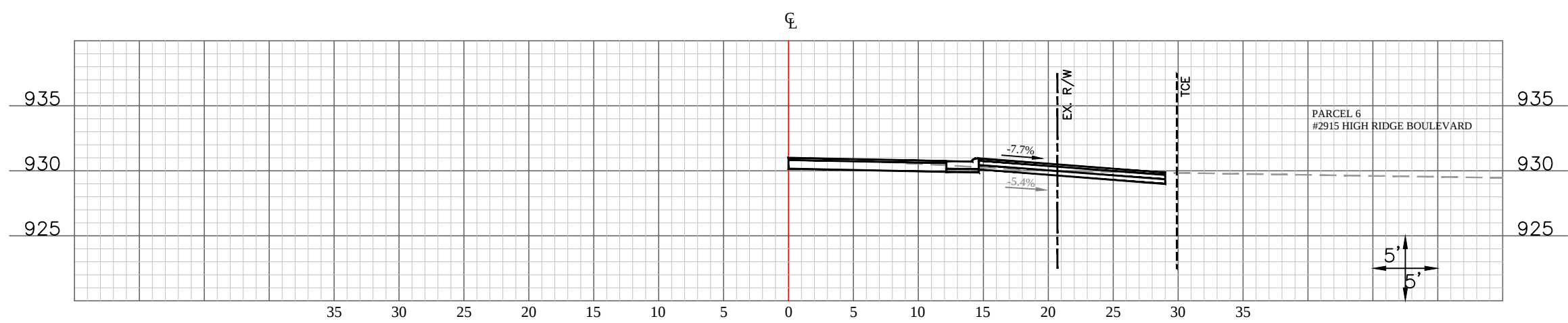
ENGINEER: CHRIS EHLEN

ANTIRE ROAD AT WILLIAMS CREEK
ROAD INTERSECTION IMPROVEMENTS
STP-5460 (604)

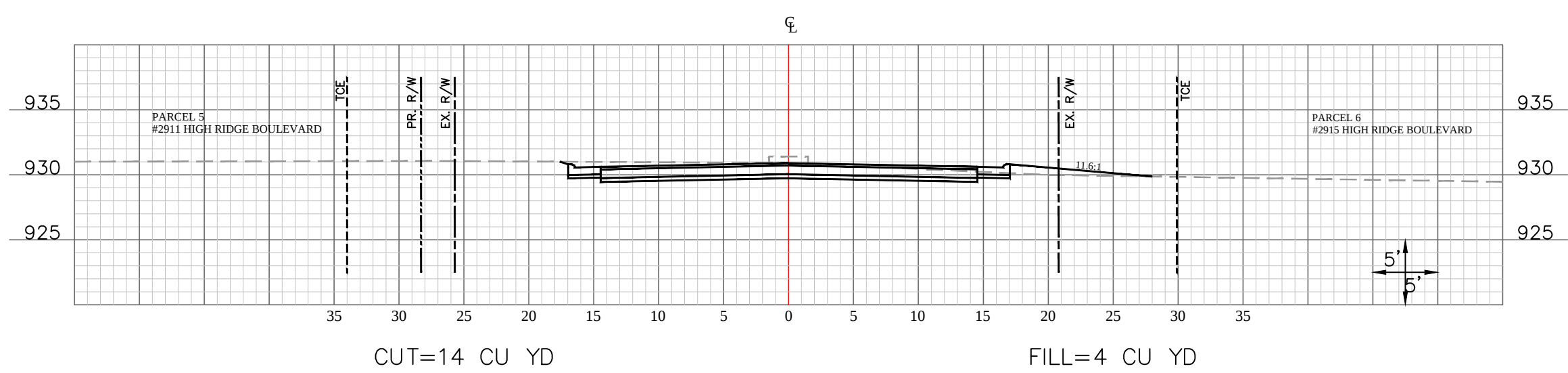
PUBLIC WORKS DEPARTMENT
JEFFERSON COUNTY, MO.
ANTIRE ROAD
CROSS SECTIONS



12+00



12+43 RT



12+50

DRAWN BY:	BED
CHKD. BY:	CWE
DATE:	06/20/2019
SCALE:	1" = 10'
SHEET:	XS7

STATE OF MISSOURI

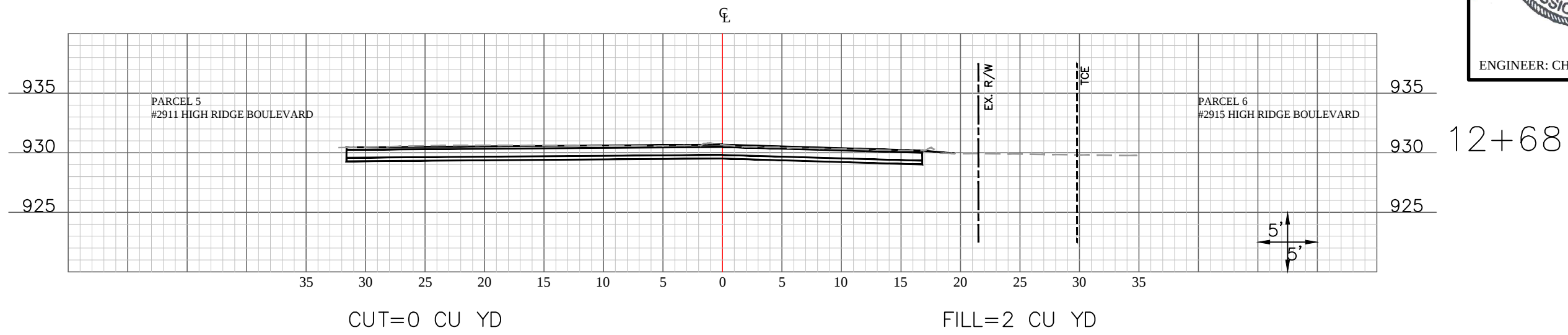
CHRISTOPHER WILLIAM EHLEN

NUMBER PE-2008002154

6-20-19

PROFESSIONAL ENGINEER

ENGINEER: CHRIS EHLEN



ANTIRE ROAD AT WILLIAMS CREEK
ROAD INTERSECTION IMPROVEMENTS
STP-5460 (604)

PUBLIC WORKS DEPARTMENT
JEFFERSON COUNTY, MO.
ANTIRE ROAD
CROSS SECTIONS

DRAWN BY:	BED
CHKD. BY:	CWE
DATE:	06/20/2019
SCALE:	1" = 10'
SHEET:	XS8



**ANTIRE ROAD AT WILLIAMS CREEK
ROAD INTERSECTION IMPROVEMENTS
STP-5460 (604)**

**PUBLIC WORKS DEPARTMENT
JEFFERSON COUNTY, MO.**

**WILLIAM CREEK ROAD
CROSS SECTIONS**

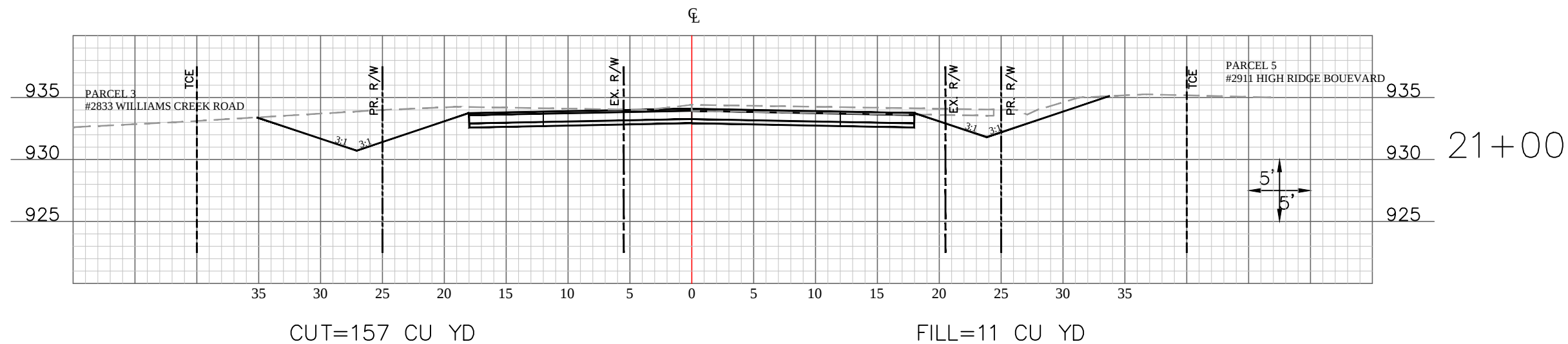
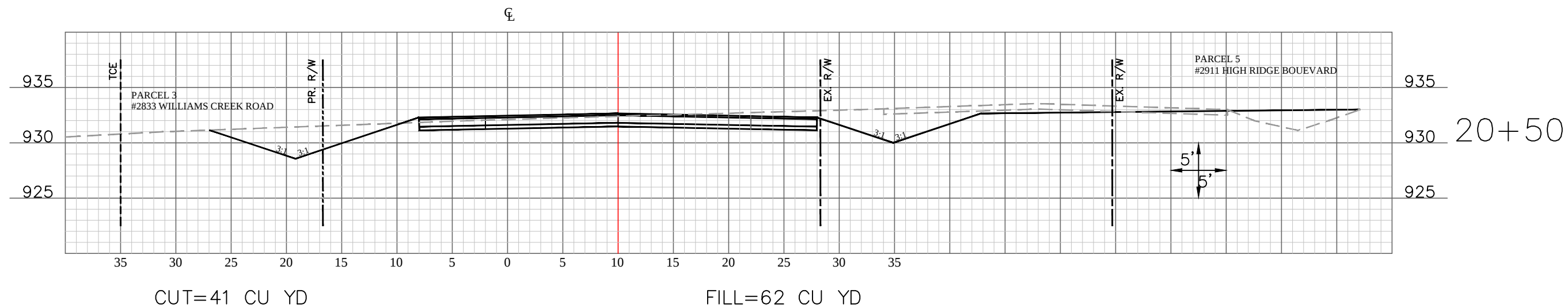
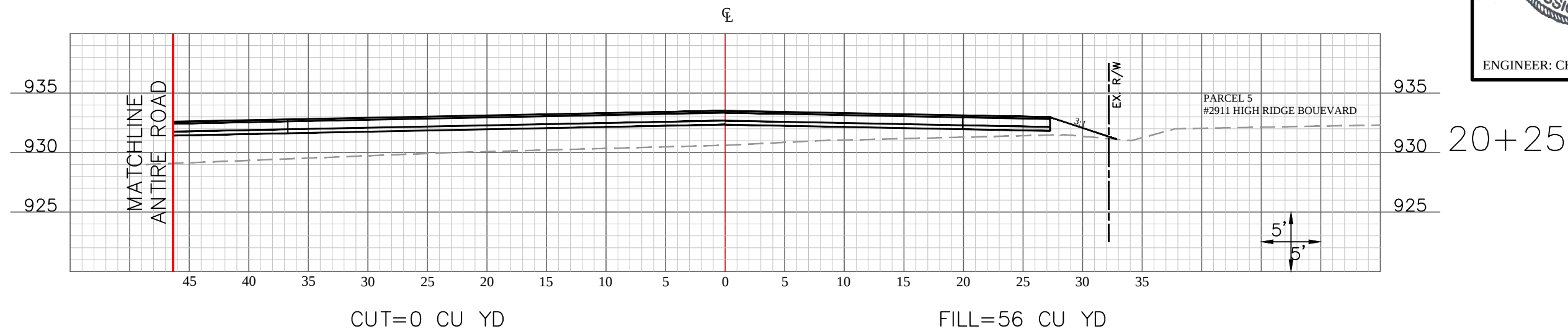
DRAWN BY:
BED

CHKD. BY:
CWE

DATE:
06/20/2019

SCALE:
1" = 10'

SHEET:
XS9



STATE OF MISSOURI

CHRISTOPHER WILIAM EHLEN

NUMBER PE-2008002154

6-20-19

PROFESSIONAL ENGINEER

ENGINEER: CHRIS EHLEN

ANTIRE ROAD AT WILLIAMS CREEK

ROAD INTERSECTION IMPROVEMENTS

STP-5460 (604)

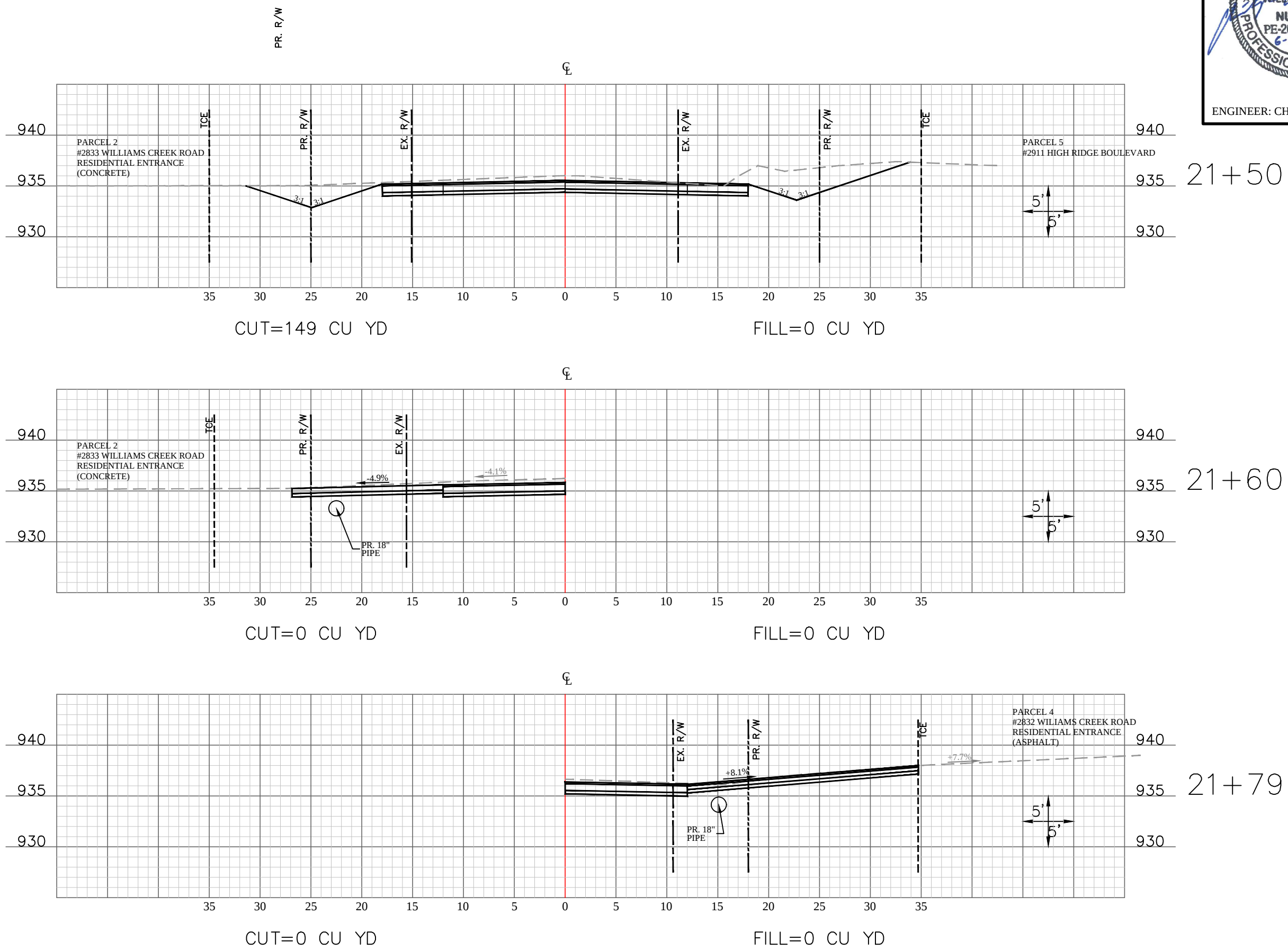
PUBLIC WORKS DEPARTMENT

JEFFERSON COUNTY, MO.

WILLIAM CREEK ROAD

CROSS SECTIONS

DRAWN BY:	BED
CHKD. BY:	CWE
DATE:	06/20/2019
SCALE:	1" = 10'
SHEET:	XS10



STATE OF MISSOURI

CHRISTOPHER
WILLIAM EHLEN

NUMBER
PE-2008002154
6-20-19

PROFESSIONAL ENGINEER

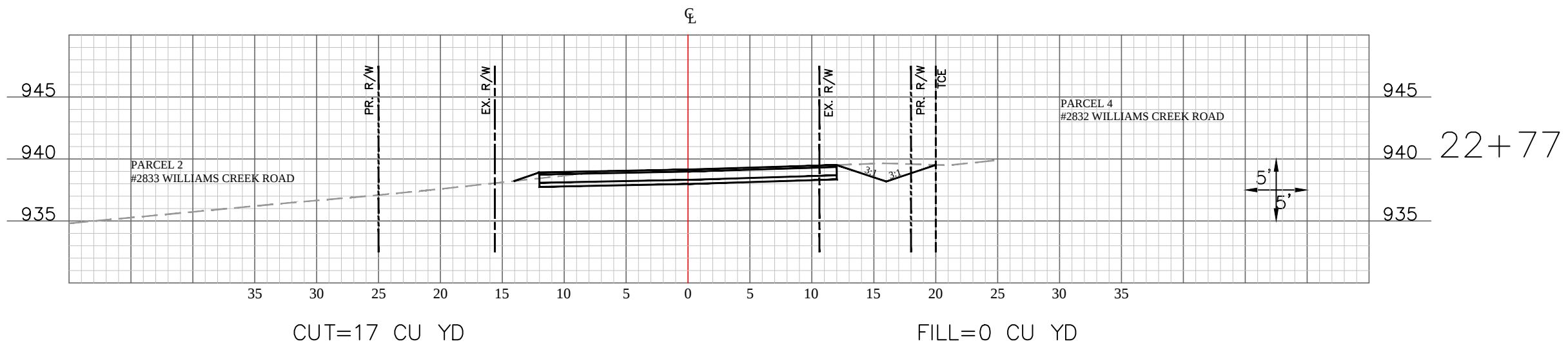
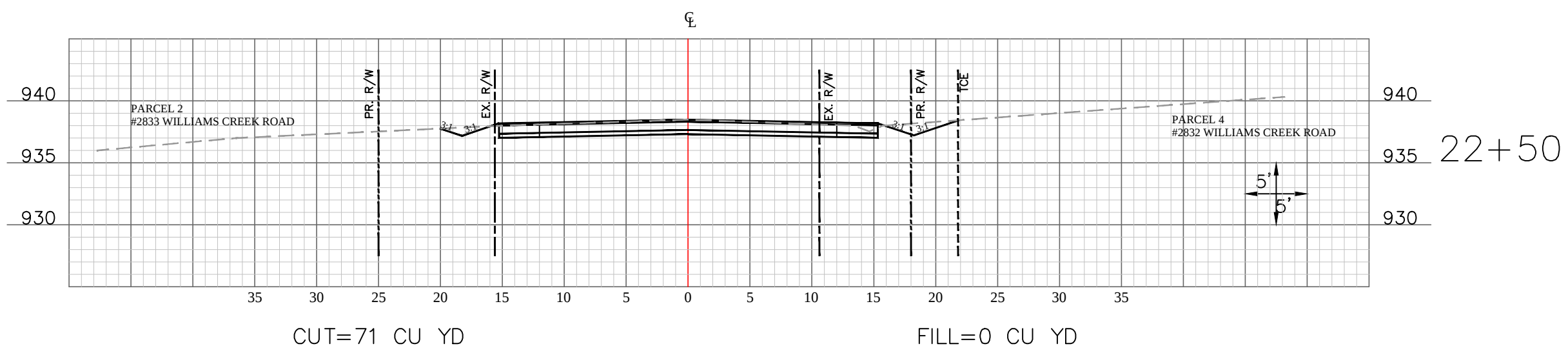
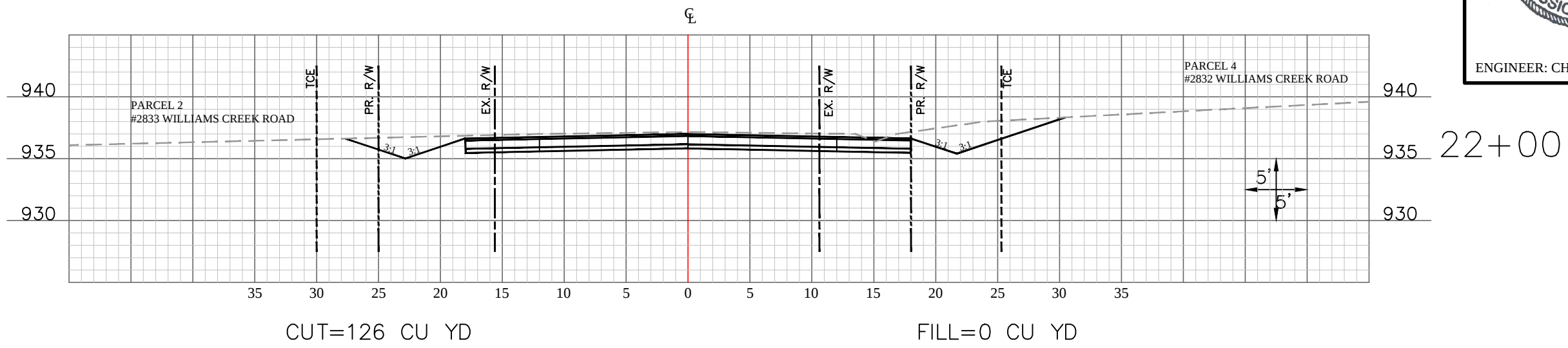
ENGINEER: CHRIS EHLEN

ANTIRE ROAD AT WILLIAMS CREEK
ROAD INTERSECTION IMPROVEMENTS

STP-5460 (604)

PUBLIC WORKS DEPARTMENT
JEFFERSON COUNTY, MO.

WILLIAM CREEK ROAD
CROSS SECTIONS



DRAWN BY:	BED
CHKD. BY:	CWE
DATE:	06/20/2019
SCALE:	1" = 10'
SHEET:	XS11