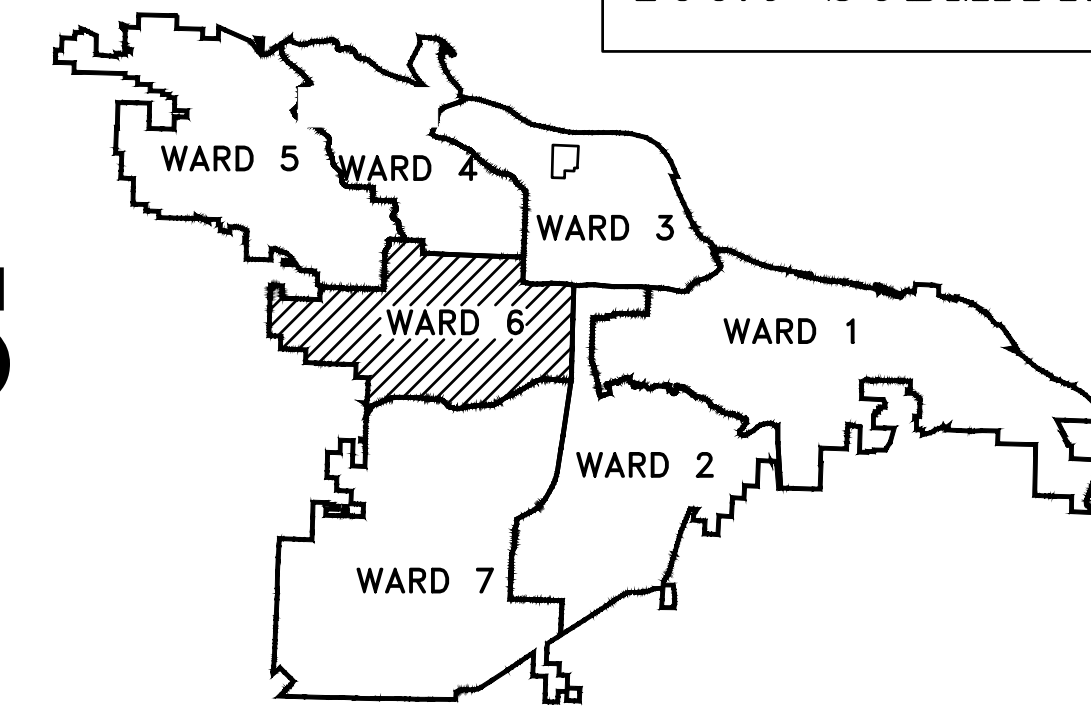


CLR PROJECT 06-17-222B KANIS ROAD IMPROVEMENTS

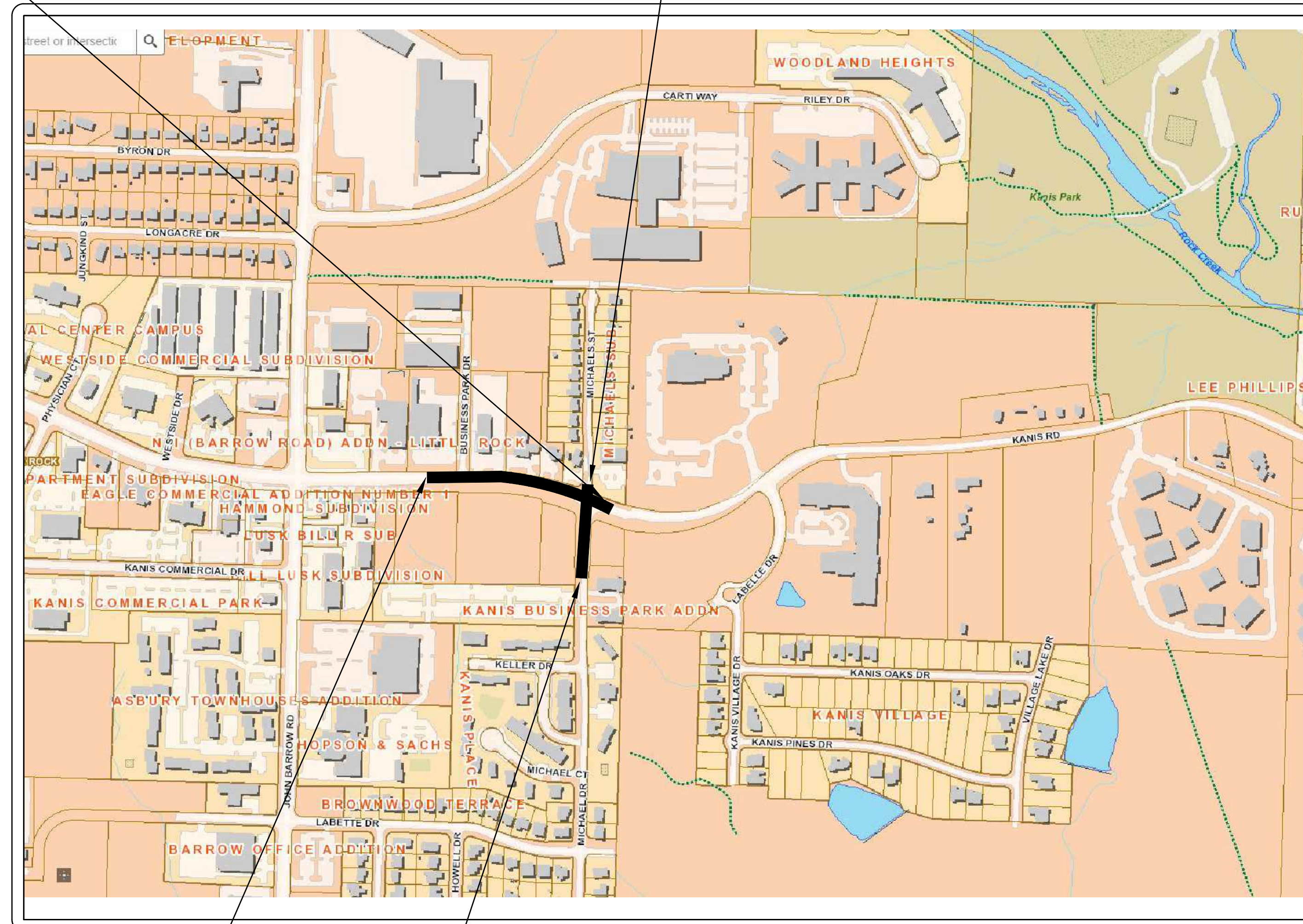
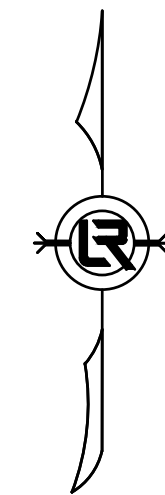
(NEAR BUSINESS PARK DR TO MICHAELS ST)

100% SUBMITTAL



PROJECT END
STATION 21+85

OFFSITE DRAINAGE
PROJECT END
STATION 16+32



PROJECT START
STATION 10+00

OFFSITE DRAINAGE
PROJECT START
STATION 10+00

LOCATION



Know what's below.
Call before you dig.

Sheet List Table	
Sheet Number	Sheet Title
C1	COVER SHEET
C2	LEGEND, QUANTITIES AND DETAILS
C3	TYPICAL SECTIONS SHEET 1
C4	TYPICAL SECTIONS SHEET 2
C5	TYPICAL SECTIONS SHEET 3
C6	P&P SHEET 1
C7	P&P SHEET 2
C8	P&P SHEET 3
C9	P&P SHEET 4
C10	P&P SHEET 5
C11	MAINTENANCE OF TRAFFIC PHASE I SHEET 1
C12	MAINTENANCE OF TRAFFIC PHASE I SHEET 2
C13	MAINTENANCE OF TRAFFIC PHASE II SHEET 1
C14	MAINTENANCE OF TRAFFIC PHASE II SHEET 2
C15	STRIPING AND SIGNAGE SHEET 1
C16	STRIPING AND SIGNAGE SHEET 2
C17	DRIVEWAY GRADING
C18	EROSION CONTROL PH I SHEET 1
C19	EROSION CONTROL PH I SHEET 2
C20	EROSION CONTROL PH II SHEET 1
C21	EROSION CONTROL PH II SHEET 2
C22	EROSION CONTROL PH III SHEET 1
C23	EROSION CONTROL PH III SHEET 2
C24	CENTERLINE TIES SHEET 1
C24	CENTERLINE TIES SHEET 2
C26-C41	CROSS SECTIONS



2019-2021
BOND PROGRAM

DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 WEST MARKHAM STREET
LITTLE ROCK, ARKANSAS 72201

10825 Financial Center Parkway, Suite 300
Little Rock, Arkansas 72211
Crafton Tull
engineering | surveying
501.664.3245 | 501.664.6704 | www.craftontull.com

CERTIFICATE OF AUTHORIZATION:



REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
KANIS ROAD IMPROVEMENTS
COVER SHEET

DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201



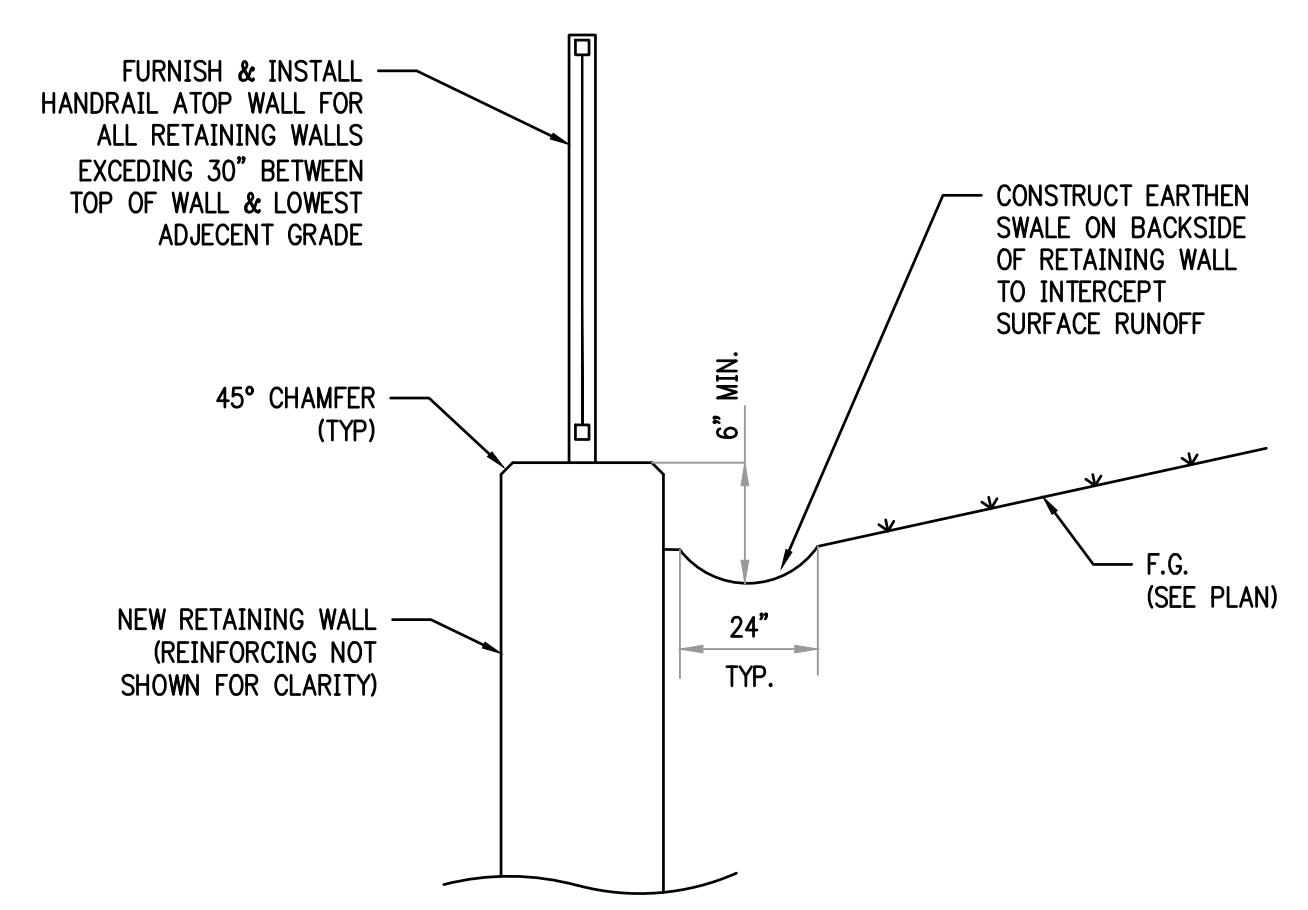
DRAWN BY
TH
DESIGNED
TDF
CHECKED
BAP
DATE
09-02-2021
SCALE
H: 1"=20'
V: 1"=5'
PROJECT NO.
06-17-222B
SHEET NO.
C1

100% SUBMITTAL

REVISIONS	DATE

CLR PROJECT # 06-17-222B			
KANIS ROAD & DRAINAGE IMPROVEMENTS			
5/8/2020			
SCHEDULE A			
ITEM #	ITEM DESCRIPTION	QUANTITY	UNIT
2.01	SITE PREPARATION	1	L.S.
3.01	UNCLASSIFIED EXCAVATION	2630	C.Y.
3.02	SELECT FILL	400	C.Y.
3.06	COMPACTED EMBANKMENT	280	C.Y.
4.01	AGGREGATE BASE COURSE	1270	TON
5.01	TACK COAT	360	GAL
6.01	ACHM SURFACE COURSE	1245	TON
6.20	ACHM BINDER COURSE	720	TON
7.06	CONCRETE DRIVEWAY (6" THICK), STANDARD FINISH	1570	S.F.
7.19	CONCRETE (8" THICK), STREET REPAIR	20	C.Y.
8.03	CONCRETE CURB AND GUTTER (CLASS 1)	1396	L.F.
9.04	CONCRETE SIDEWALK (4" THICK)	8120	S.F.
9.30	CONCRETE SIDEWALK "TURN DOWN" WALL (PW-43)	1550	S.F.
10.04	CURB INLET - 4' BOX	12	EA.
10.06	CURB INLET - 5' BOX	1	EA.
10.07	WING 3' EXTENSION	14	EA.
11.20	REINFORCED CONCRETE RETAINING WALL	54	C.Y.
13.18C	STORM DRAIN PIPE, 18" CROSS DRAIN	337	L.F.
13.18P	STORM DRAIN PIPE, 18" SIDE DRAIN	1215	L.F.
14.01	SOLID SODDING (BERMUDA)	1032	S.Y.
16.01	MAINTENANCE OF TRAFFIC	1	L.S.
18.40	HANDRAIL	302	L.F.
18.50	ACCESS RAMP (TYPE 3)	163	S.F.
18.55	WATER FOR DUST CONTROL	20,000	GAL
19.01	CLEAN UP	1	L.S.
24.01	CONSTRUCTION ENTRANCE (CO)	3	EA.
24.06	SEDIMENT BARRIER, SILT FENCE (SD1)	13	EA.
24.09	SEDIMENT BARRIER, BLOCK (SD4)	13	EA.
24.11	SILT FENCE - TYPE A (SFA)	1613	L.F.
24.18	DISTURBED AREA STABILIZATION - PERMANENT GRASSING (TS3)	0.33	AC.
26.10	TRENCH & EXCAVATION SAFETY	1	L.S.
27.10	COLD MILLING ASPHALT PAVEMENT	750	S.Y.
719.04W	THERMOPLASTIC PAVEMENT STRIPING WHITE (4")	815	L.F.
719.04Y	THERMOPLASTIC PAVEMENT STRIPING YELLOW (4")	3204	L.F.

SCHEDULE B			
SS-1	SANITARY SEWER ECCENTRIC CONE REPLACEMENT	1	L.S.
SS-2	ADJUST SANITARY SEWER RIM TO GRADE	0.7	V.F.
SS-6	TESTING	1	L.S.



NOTES:
 1. SEE PUBLIC WORKS DETAIL PW-54 FOR RETAINING WALL & BACKSIDE DRAINAGE DETAILS
 2. SEE PUBLIC WORKS DETAILS PW-20 & 21 FOR HANDRAIL & MOUNTING INFORMATION

STATION 18+43.61 LT TO 18+97.87 LT
 STATION 19+26.47 LT TO 21+52.73 LT

RETAINING WALL SURFACE DRAINAGE
 NTS

EXISTING

- IRON ROD ○ IR
- PK NAIL ○ PK
- R.R. SPIKE ○ RR(Sp)
- CONC. MONUMENT □ CM
- WATER VALVE ⊗ WV
- WATER METER □ WM
- FIRE HYDRANT ∇ FH
- GAS METER ⊠ GM
- GAS VALVE ⊙ GV
- CLEAN-OUT ○ CO
- SIGN POST ● GP
- BENCHMARK ⊕
- STORM SEWER MANHOLE (D)
- SANITARY SEWER MANHOLE (S)
- TELEPHONE MANHOLE (T)
- ELECTRIC MANHOLE (E)
- TELEPHONE BOX □
- ELECTRIC BOX □
- CABLE BOX □
- UTILITY POLE ∇
- GUY WIRE ∗
- LIGHT POLE ∗
- POST OR POLE (TYPE AS NOTED) ●
- MAILBOX □
- DECIDUOUS TREE (circle with diagonal lines)
- EVERGREEN/CONIFEROUS TREE (circle with starburst)
- BUSH (cloud shape)
- PROPERTY LINE (long dashed line)
- SETBACK LINE (short dashed line)
- EASEMENT LINE (dash-dot line)
- CURB (double line)
- FENCE (line with X's)
- OVERHEAD ELECTRIC (line with OE)
- OVERHEAD TELEPHONE (line with OT)
- OVERHEAD CABLE (line with OC)
- UNDERGROUND TELEPHONE (line with UGT)
- UNDERGROUND ELECTRIC (line with UGE)
- UNDERGROUND CABLE (line with UGC)
- WATER LINE (line with 8"W)
- SEWER LINE (line with 8"SS)
- GAS LINE (line with 4"G)
- STORM SEWER/CULVERT (line with 24" CMP/RCP/DIP)
- EDGE OF WOODS (wavy line)
- CONTOUR LINE (dashed line with elevation 650)

PROPOSED

- PROPOSED CONTOUR (line with 25)
- PROPOSED SPOT ELEVATION (circle with 25.00)
- PROPOSED SPOT CURB ELEVATION (circle with 25.50 and 25.00)
- STORM SEWER - PIPE (line with 12, 18, 24, 30, 36, 42, 48, 54, 60, 66, 72, 78, 84, 90, 96, 102, 108, 114, 120)
- STORM SEWER - MITERED END SECTION (line with 12, 18, 24, 30, 36, 42, 48, 54, 60, 66, 72, 78, 84, 90, 96, 102, 108, 114, 120)
- STORM SEWER - GRATE INLET (square with 12, 18, 24, 30, 36, 42, 48, 54, 60, 66, 72, 78, 84, 90, 96, 102, 108, 114, 120)
- STORM SEWER - JUNCTION BOX (circle with D)
- STORM SEWER - FLARED END SECTION (trapezoid)
- STORM SEWER - HEADWALL (trapezoid with 12, 18, 24, 30, 36, 42, 48, 54, 60, 66, 72, 78, 84, 90, 96, 102, 108, 114, 120)
- STORM SEWER - SINGLE WING (trapezoid with 12, 18, 24, 30, 36, 42, 48, 54, 60, 66, 72, 78, 84, 90, 96, 102, 108, 114, 120)
- STORM SEWER - DOUBLE WING (trapezoid with 12, 18, 24, 30, 36, 42, 48, 54, 60, 66, 72, 78, 84, 90, 96, 102, 108, 114, 120)
- STORM SEWER - AREA INLET (circle with D)
- GRADE BREAK LINE (line with 12, 18, 24, 30, 36, 42, 48, 54, 60, 66, 72, 78, 84, 90, 96, 102, 108, 114, 120)
- HIGH POINT (HP)
- LOW POINT (LP)
- CUT LINE (line with C)
- FILL LINE (line with F)
- SANITARY SEWER PIPE (line with SAN)
- SANITARY SEWER MANHOLE (circle with S)
- PROPOSED CURB (line with 12, 18, 24, 30, 36, 42, 48, 54, 60, 66, 72, 78, 84, 90, 96, 102, 108, 114, 120)
- PROPOSED CONCRETE (stippled area)
- CONSTRUCTION - ENTRANCE/EXIT (circle with CO)
- CHECK DAM (circle with CD)
- DIVERSION BERM (circle with DI)
- DOWNDRAIN STRUCTURE - TEMPORARY (circle with DN)
- ROCK DAM (circle with RD)
- SEDIMENT BARRIER - SILT FENCE (circle with SD1)
- SEDIMENT BARRIER - GRAVEL RING (circle with SD2)
- SEDIMENT BARRIER - BLOCK & GRAVEL (circle with SD3)
- SEDIMENT BARRIER - BLOCK (circle with SD4)
- TEMPORARY SEDIMENT BASIN (circle with SB1)
- SILT FENCE - TYPE A (circle with SFA)
- SILT FENCE - TYPE B (circle with SFB)
- SILT FENCE - TYPE C (circle with SFC)
- STORM DRAIN OUTLET PROTECTION (circle with ST)
- SURFACE ROUGHENING (circle with SU)
- DISTURBED AREA STABILIZATION - TEMPORARY STABILIZATION (circle with TS1)
- DISTURBED AREA STABILIZATION - TEMPORARY GRASSING (circle with TS2)
- DISTURBED AREA STABILIZATION - PERMANENT GRASSING (circle with TS3)
- MATTING/BANKETS (circle with Mb)

CITY OF LITTLE ROCK, ARKANSAS
 KANIS ROAD IMPROVEMENTS
 LEGEND, QUANTITIES AND DETAILS

DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201



DRAWN BY TH
DESIGNED TDF
CHECKED BAP
DATE 09-02-2021
SCALE H: 1"=20' V: 1"=5'
PROJECT NO. 06-17-222B
SHEET NO. C2

100% SUBMITTAL

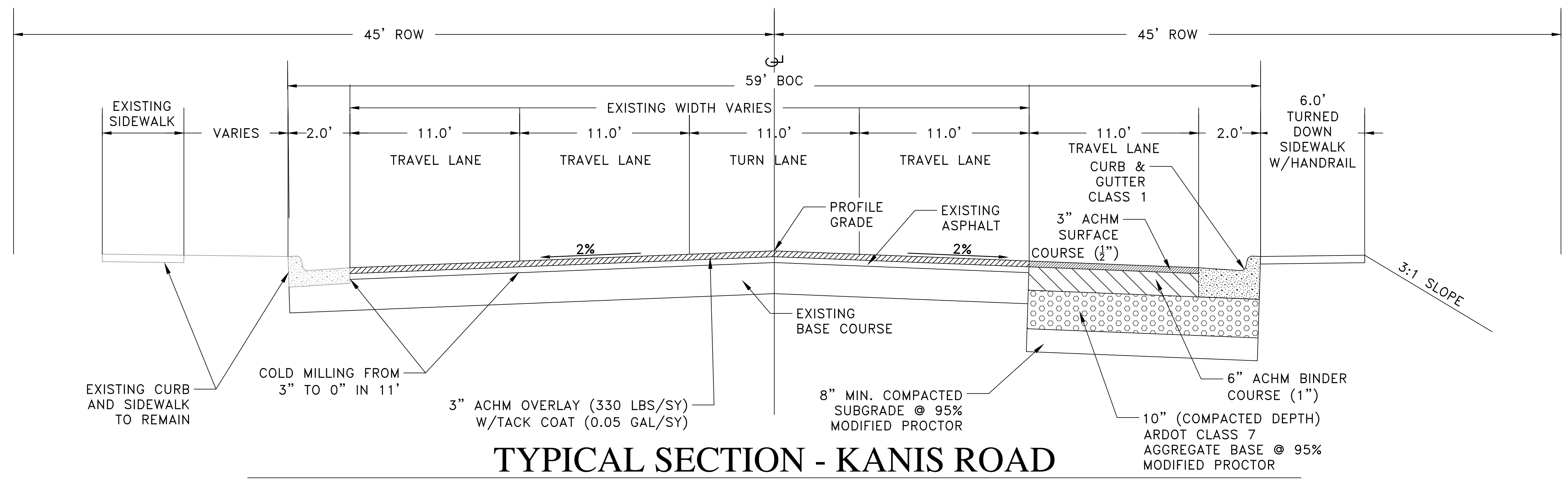
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 KANIS ROAD IMPROVEMENTS
 TYPICAL SECTIONS SHEET 1

DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201

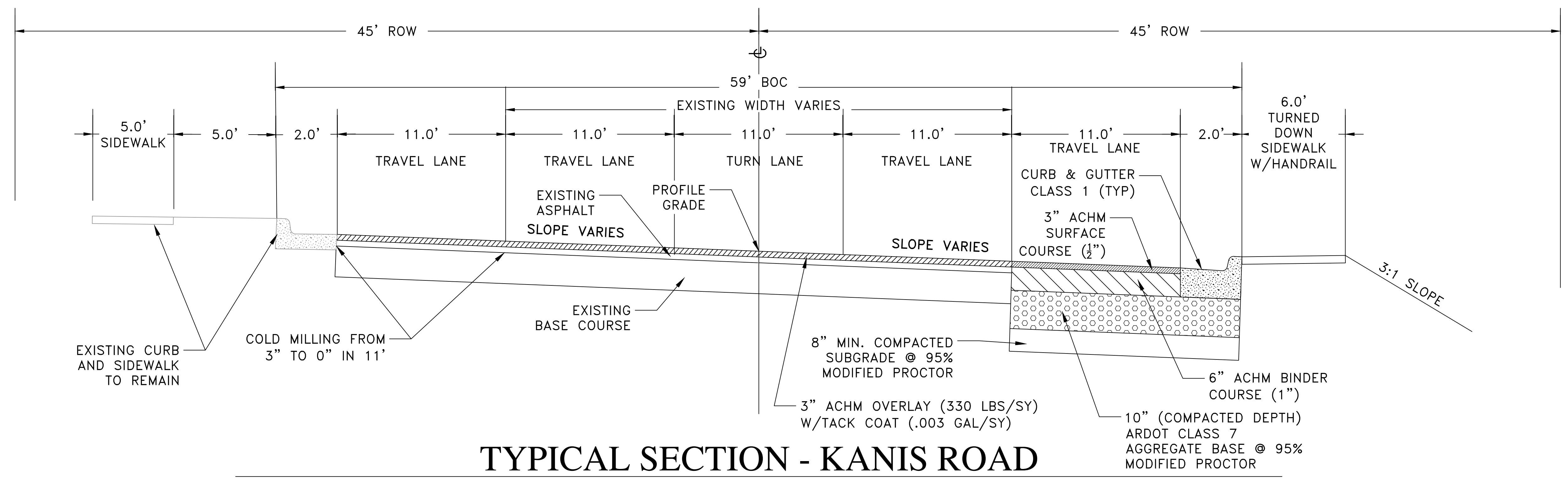


DRAWN BY	TH
DESIGNED	TDF
CHECKED	BAP
DATE	09-02-2021
SCALE	NO SCALE
PROJECT NO.	06-17-222B
SHEET NO.	C3



TYPICAL SECTION - KANIS ROAD

STA 10+93.85 TO STA 15+50

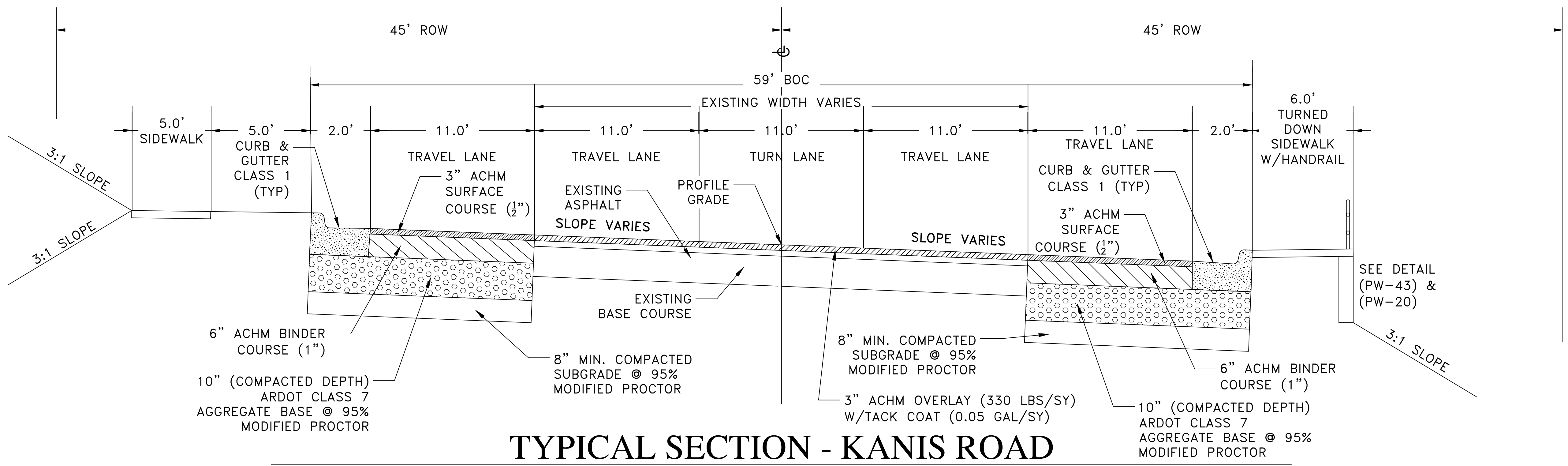


TYPICAL SECTION - KANIS ROAD

STA 15+50 TO STA 15+90.75

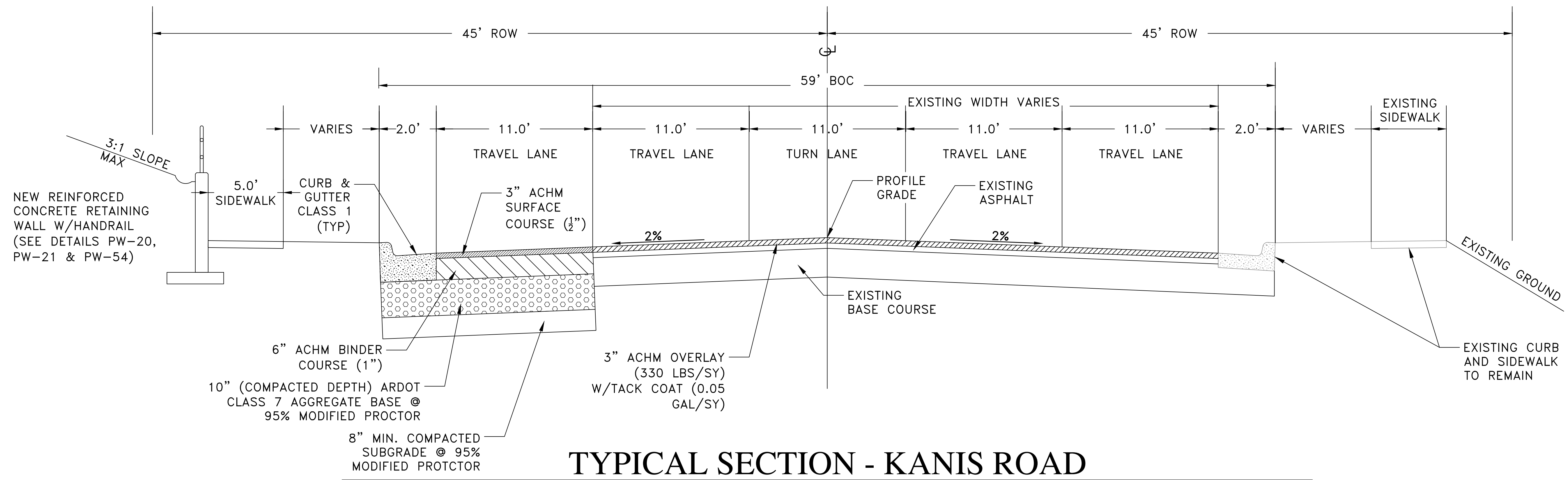
100% SUBMITTAL

REVISIONS	DATE



TYPICAL SECTION - KANIS ROAD

STA 15+90.75 TO STA 18+82.5



TYPICAL SECTION - KANIS ROAD

STA 19+50 TO STA 21+02.5

CITY OF LITTLE ROCK, ARKANSAS
KANIS ROAD IMPROVEMENTS
TYPICAL SECTIONS SHEET 2

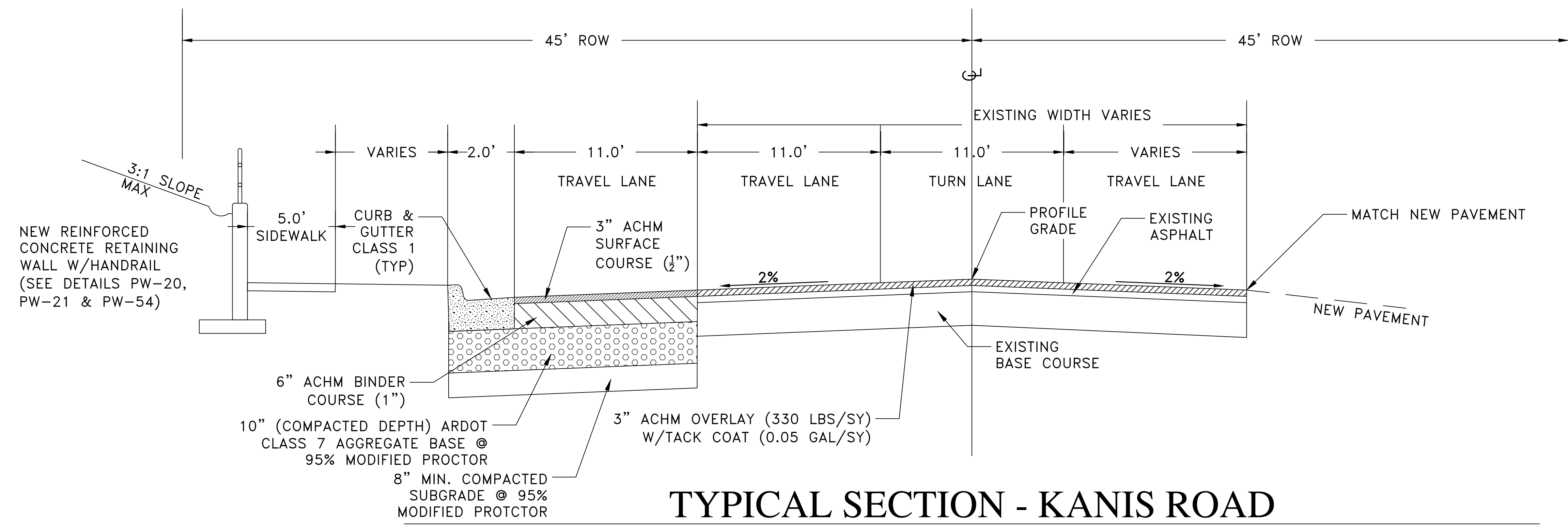
DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201



DRAWN BY	TH
DESIGNED	TDF
CHECKED	BAP
DATE	09-02-2021
SCALE	NO SCALE
PROJECT NO.	06-17-222B
SHEET NO.	C4

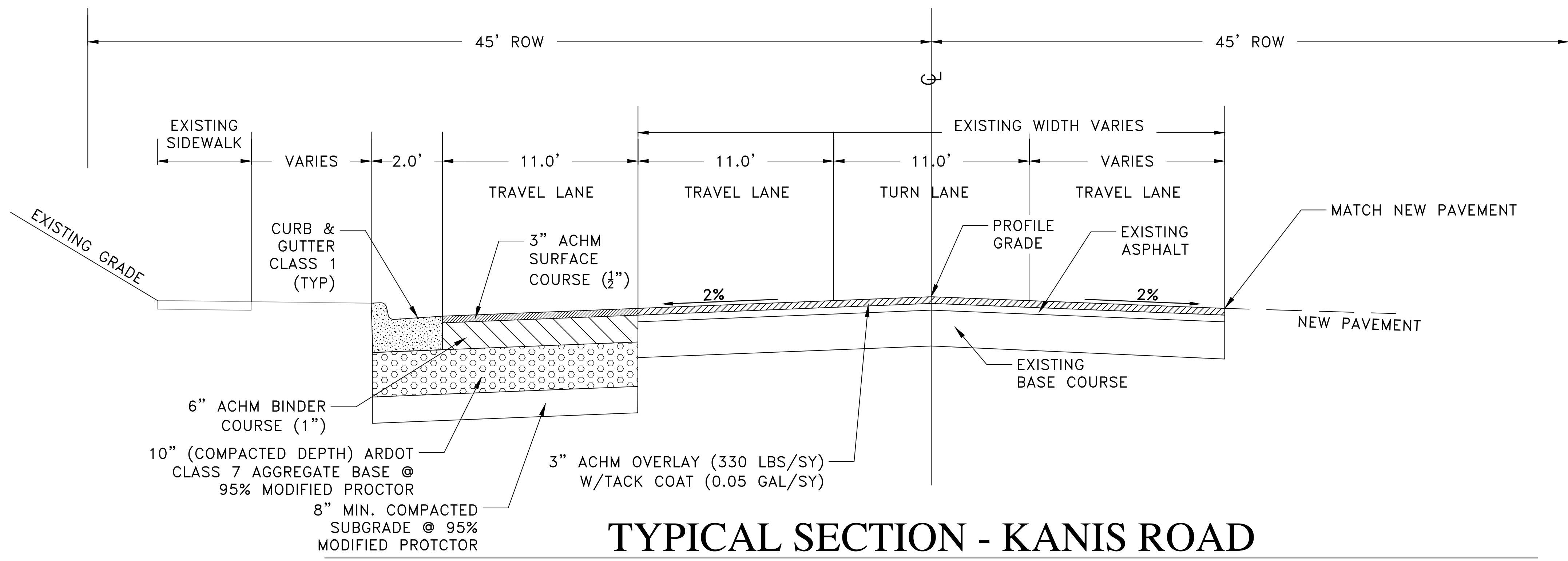
100% SUBMITTAL

REVISIONS	DATE



TYPICAL SECTION - KANIS ROAD

STA 21+02.5 TO STA 21+52.5



TYPICAL SECTION - KANIS ROAD

STA 21+52.5 TO STA 21+85.00

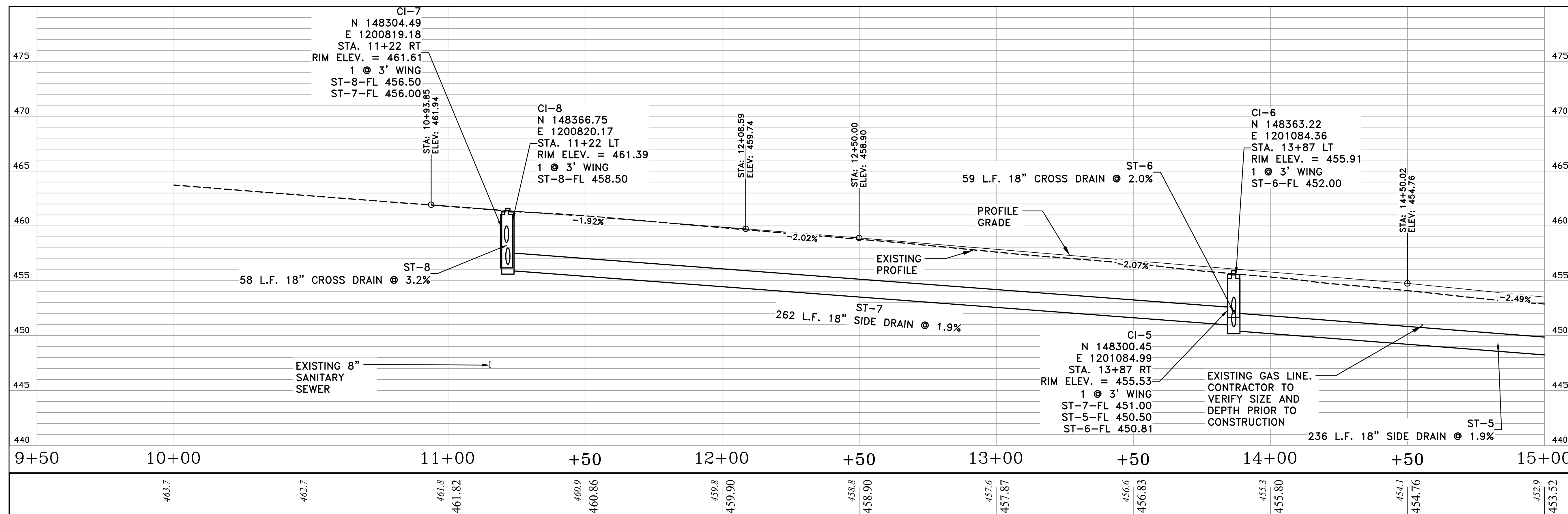
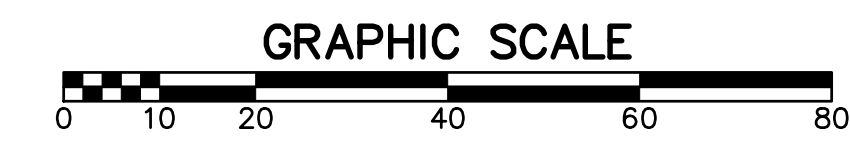
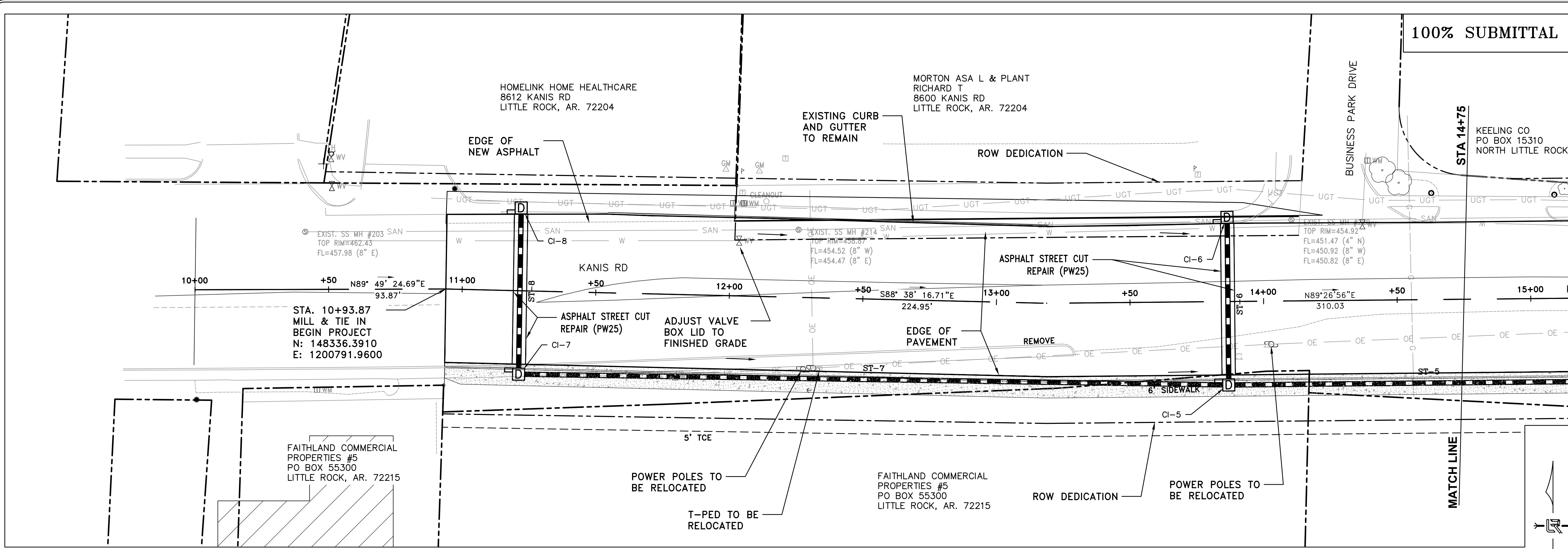
CITY OF LITTLE ROCK, ARKANSAS
KANIS ROAD IMPROVEMENTS
TYPICAL SECTIONS SHEET 3

DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201



DRAWN BY	TH
DESIGNED	TDF
CHECKED	BAP
DATE	09-02-2021
SCALE	NO SCALE
PROJECT NO.	06-17-222B
SHEET NO.	C5

REVISIONS	DATE



CITY OF LITTLE ROCK, ARKANSAS
KANIS ROAD IMPROVEMENTS
P&P SHEET 1

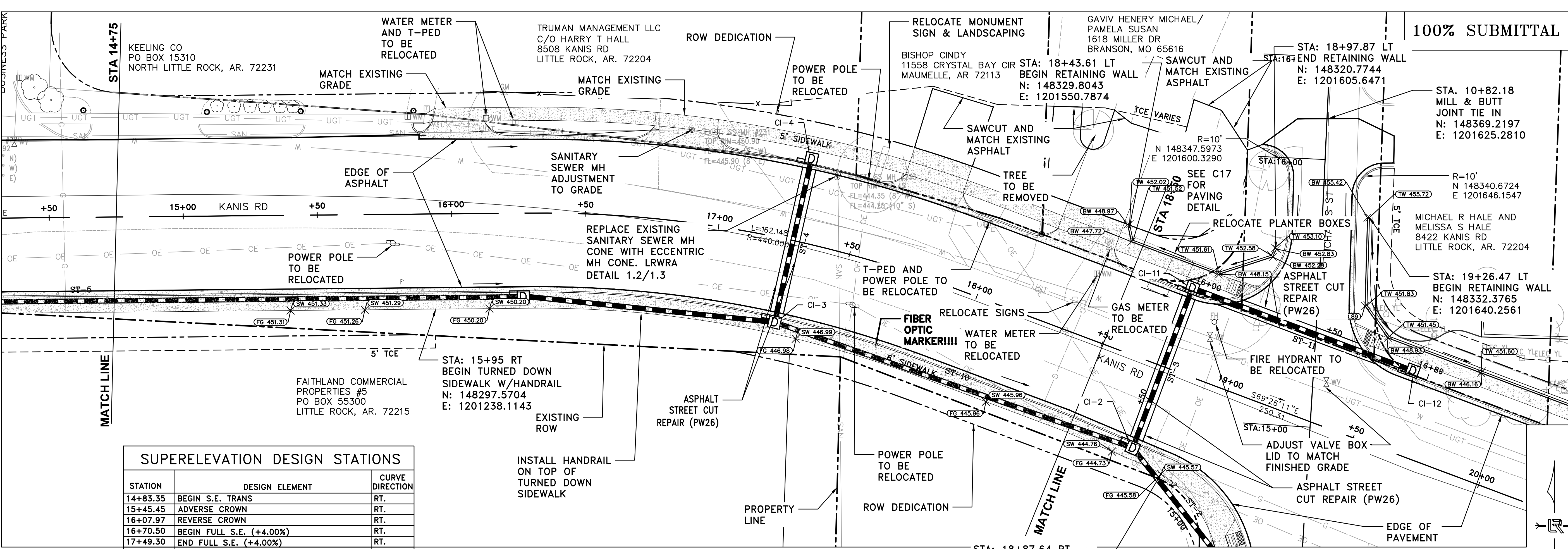
DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201



DRAWN BY
 TH
DESIGNED
 TDF
CHECKED
 BAP
DATE
 09-02-2021
SCALE
 H: 1"=20'
 V: 1"=5'
PROJECT NO.
 06-17-222B
SHEET NO.
 C6

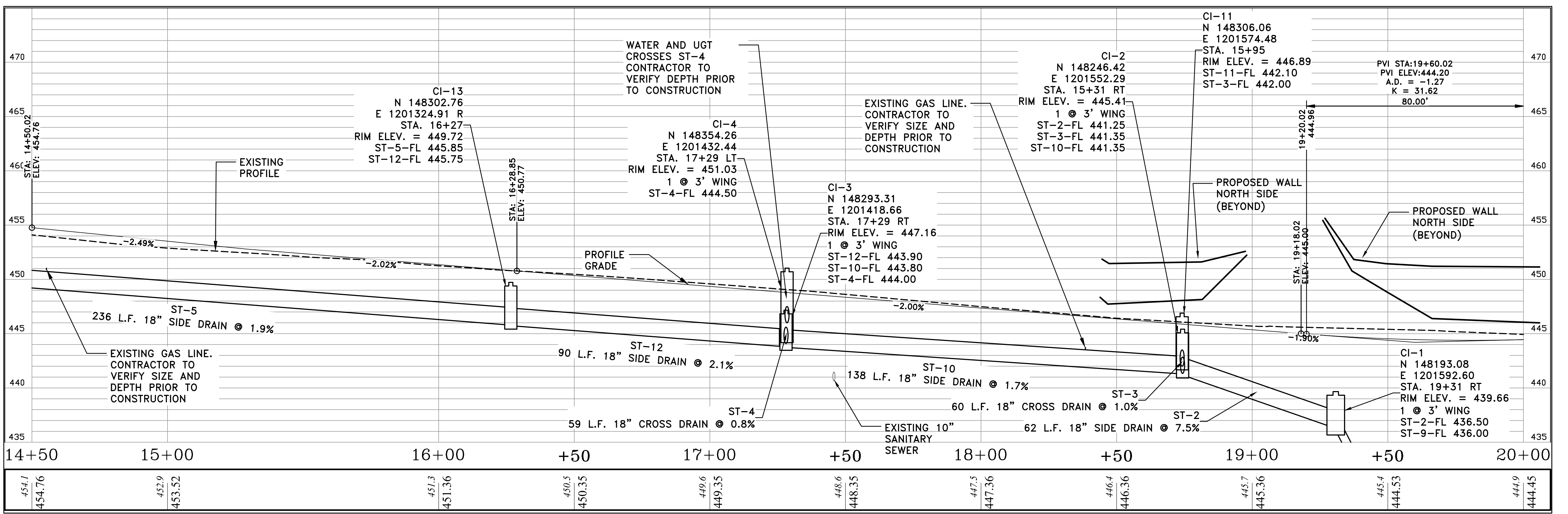
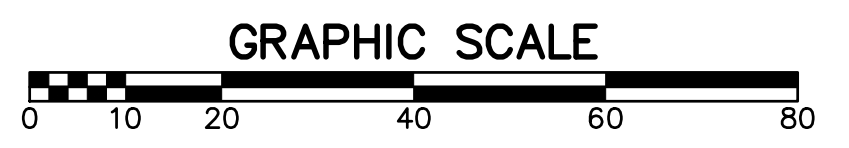
REVISIONS	DATE

100% SUBMITTAL



SUPERELEVATION DESIGN STATIONS

STATION	DESIGN ELEMENT	CURVE DIRECTION
14+83.35	BEGIN S.E. TRANS	RT.
15+45.45	ADVERSE CROWN	RT.
16+07.97	REVERSE CROWN	RT.
16+70.50	BEGIN FULL S.E. (+4.00%)	RT.
17+49.30	END FULL S.E. (+4.00%)	RT.
18+11.82	REVERSE CROWN	RT.
18+74.35	ADVERSE CROWN	RT.
19+36.45	END S.E. TRANS	RT.



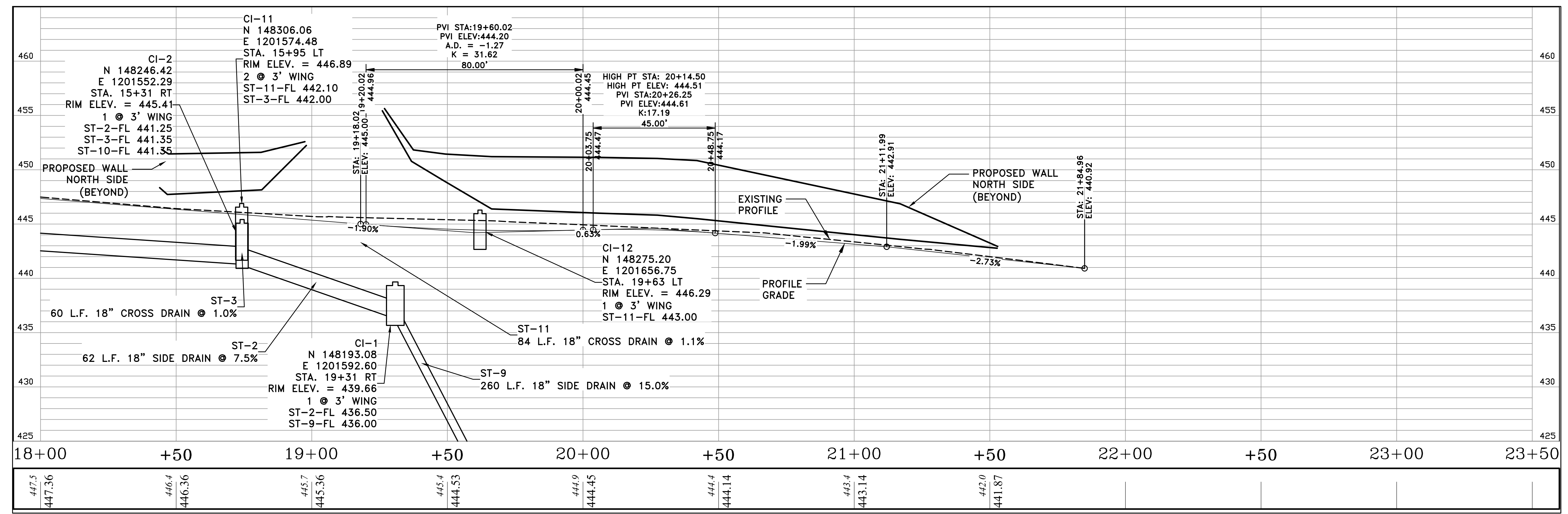
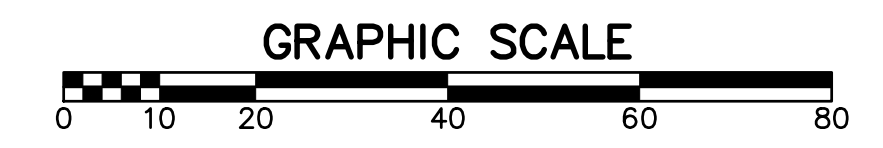
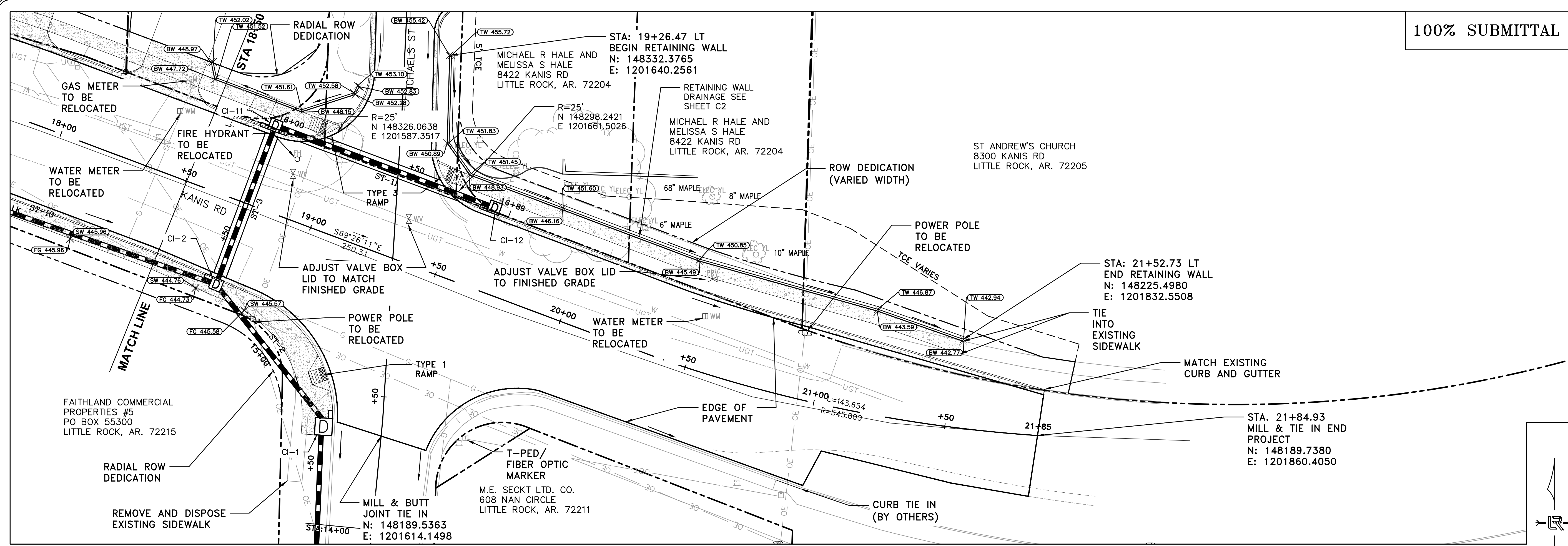
CITY OF LITTLE ROCK, ARKANSAS
KANIS ROAD IMPROVEMENTS
P&P SHEET 2

DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201



DRAWN BY TH
DESIGNED TDF
CHECKED BAP
DATE 09-02-2021
SCALE H: 1"=20'
V: 1"=5'
PROJECT NO. 06-17-222B
SHEET NO. C7

100% SUBMITTAL



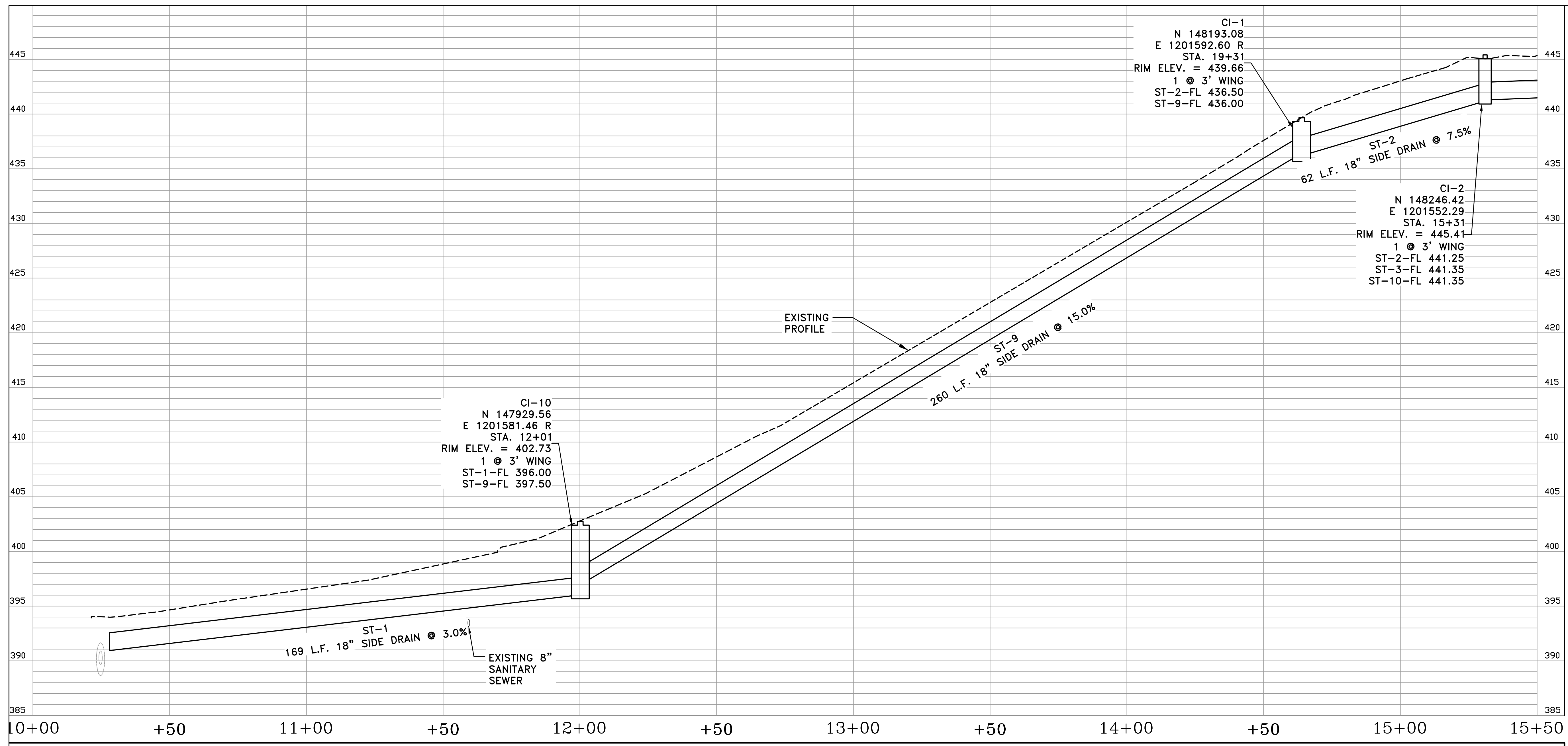
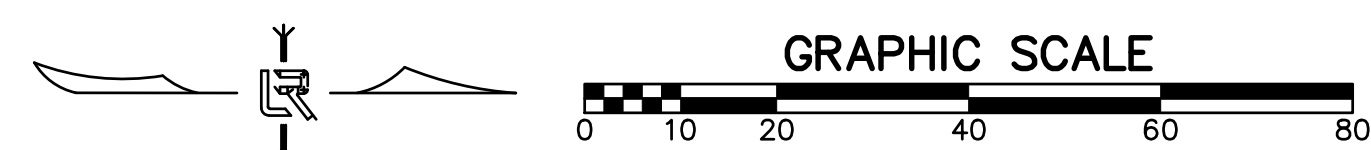
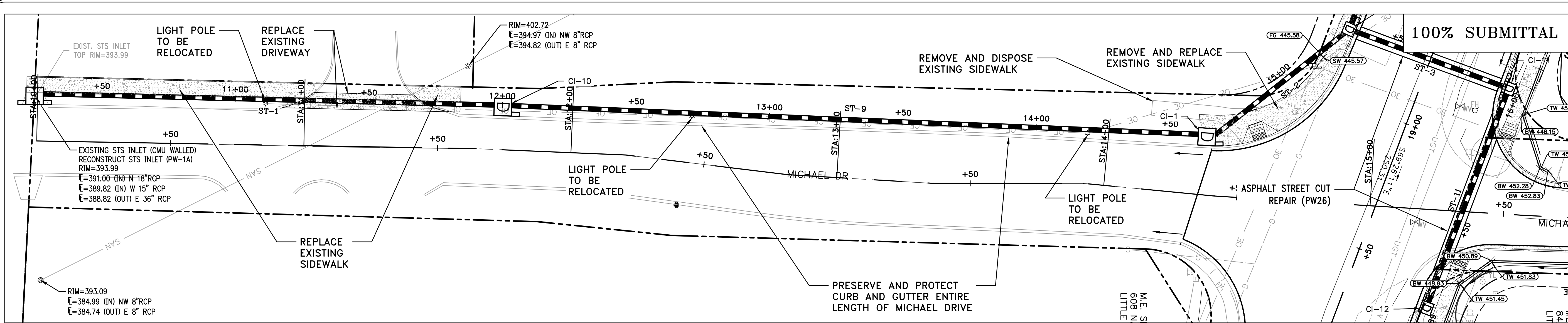
REVISIONS DATE

CITY OF LITTLE ROCK, ARKANSAS
KANIS ROAD IMPROVEMENTS
P&P SHEET 3

DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201



DRAWN BY TH
DESIGNED TDF
CHECKED BAP
DATE 09-02-2021
SCALE H: 1"=20'
V: 1"=5'
PROJECT NO. 06-17-222B
SHEET NO. C8



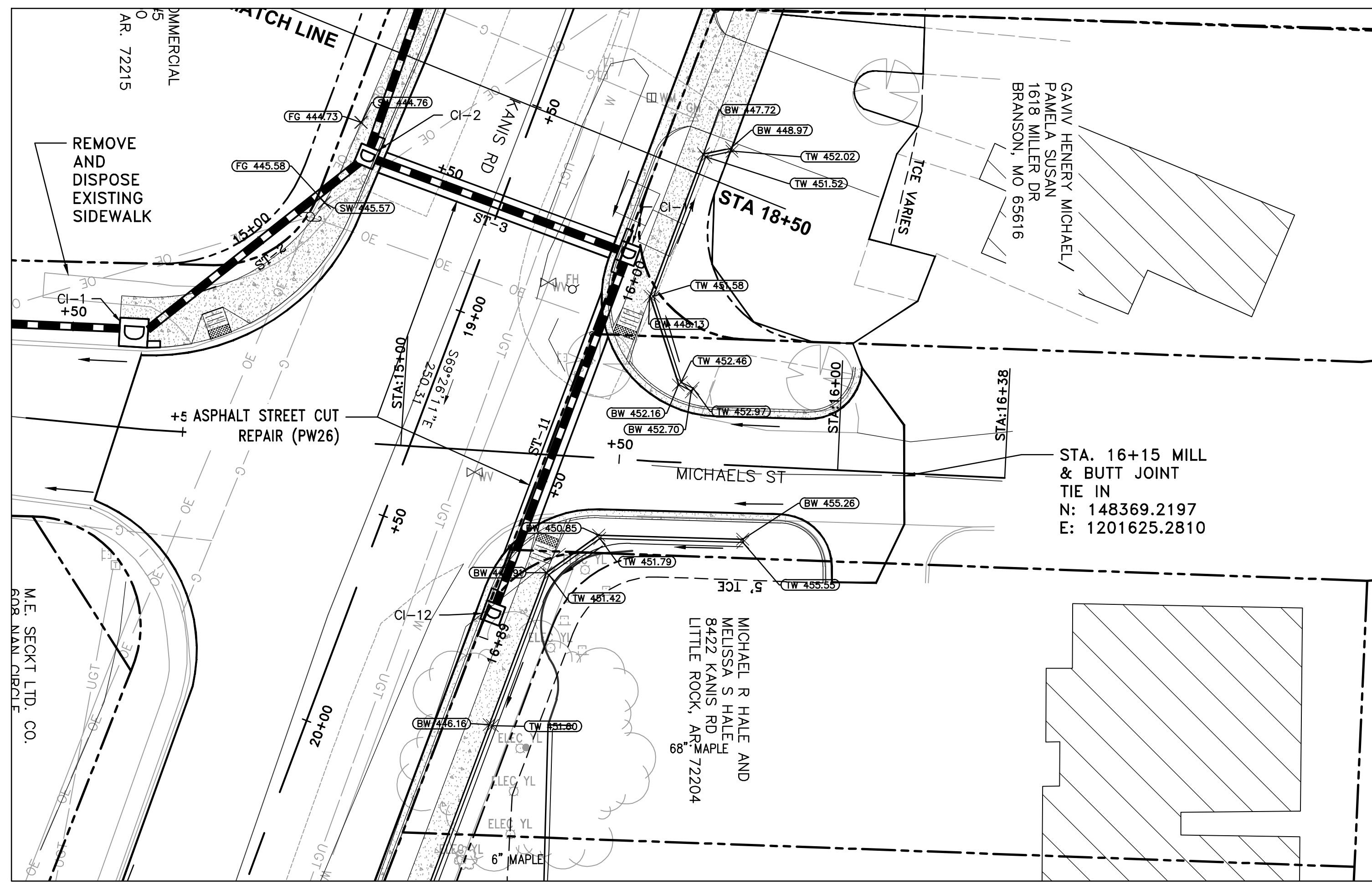
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 KANIS ROAD IMPROVEMENTS
 P&P SHEET 4

DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201



DRAWN BY	TH
DESIGNED	TDF
CHECKED	BAP
DATE	09-02-2021
SCALE	H: 1"=20' V: 1"=5'
PROJECT NO.	06-17-222B
SHEET NO.	C9



100% SUBMITTAL

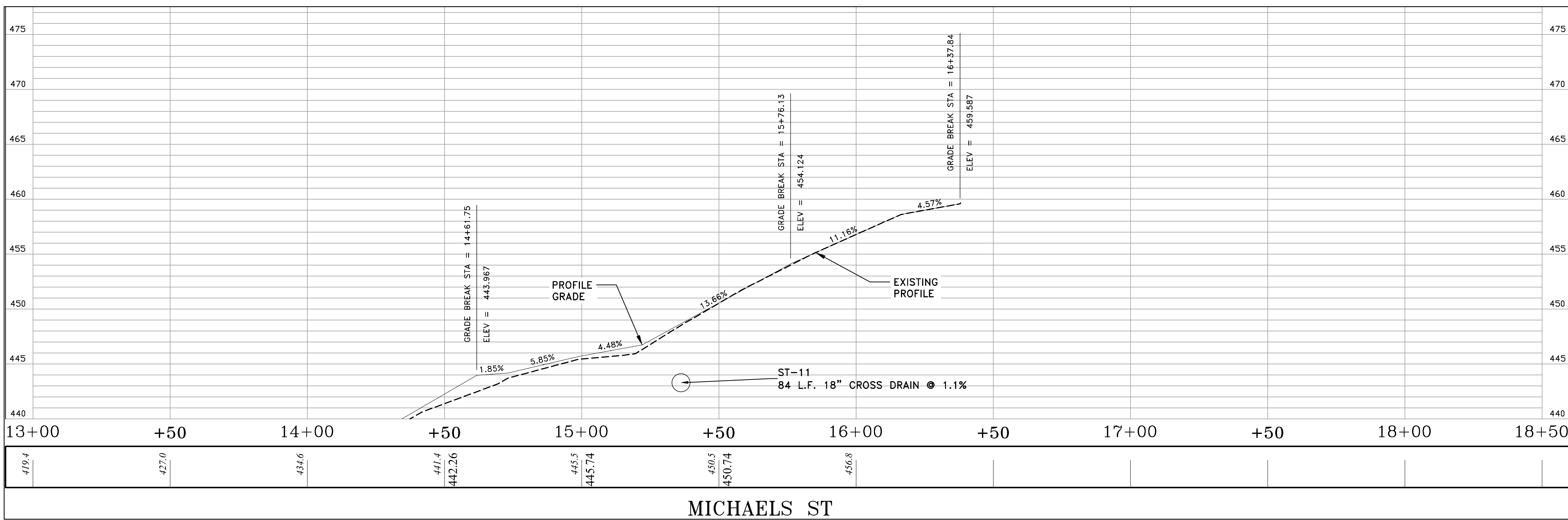
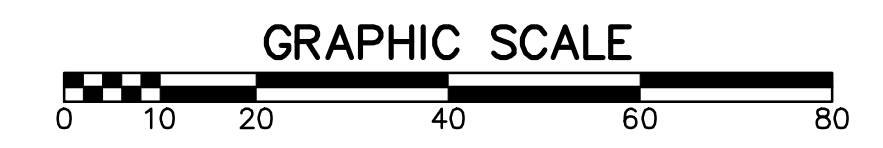
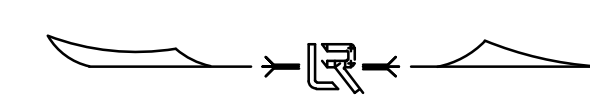
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
KANIS ROAD IMPROVEMENTS
P&P SHEET 5

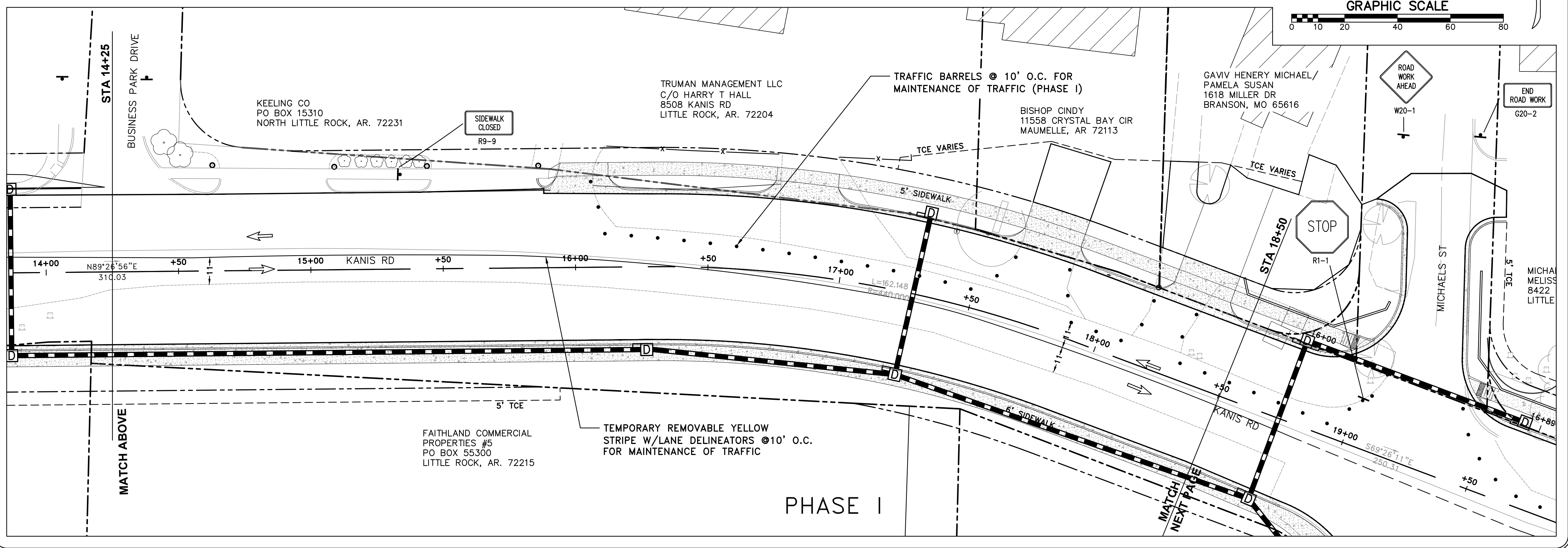
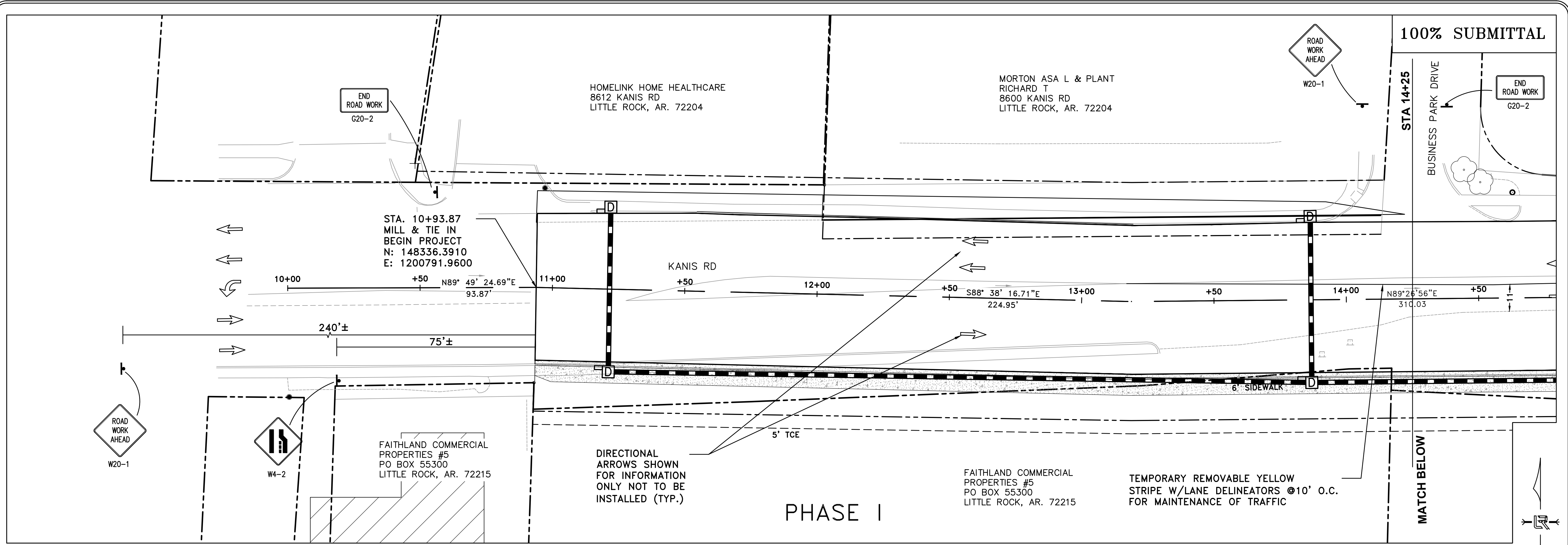
DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201



DRAWN BY TH
DESIGNED TDF
CHECKED BAP
DATE 09-02-2021
SCALE H: 1"=20'
V: 1"=5'
PROJECT NO. 06-17-222B
SHEET NO. C10



MICHAELS ST



REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
KANIS ROAD IMPROVEMENTS
MAINTENANCE OF TRAFFIC PHASE I SHEET 1

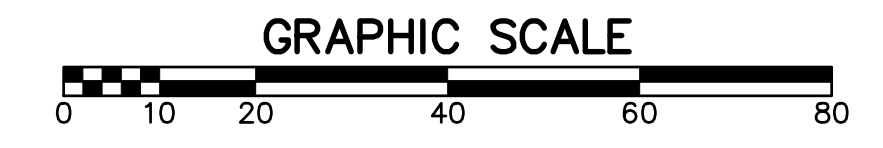
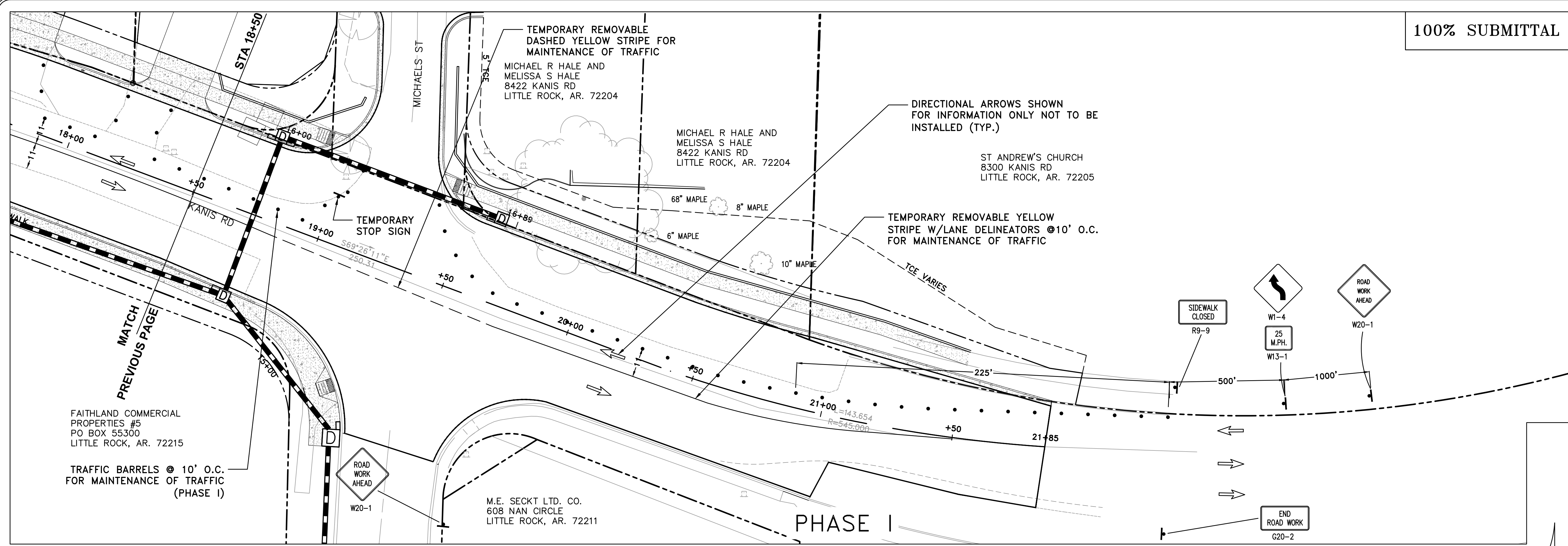
DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201



DRAWN BY	TH
DESIGNED	TDF
CHECKED	BAP
DATE	09-02-2021
SCALE	H: 1"=20' V: 1"=5'
PROJECT NO.	06-17-222B
SHEET NO.	C11

100% SUBMITTAL

REVISIONS	DATE

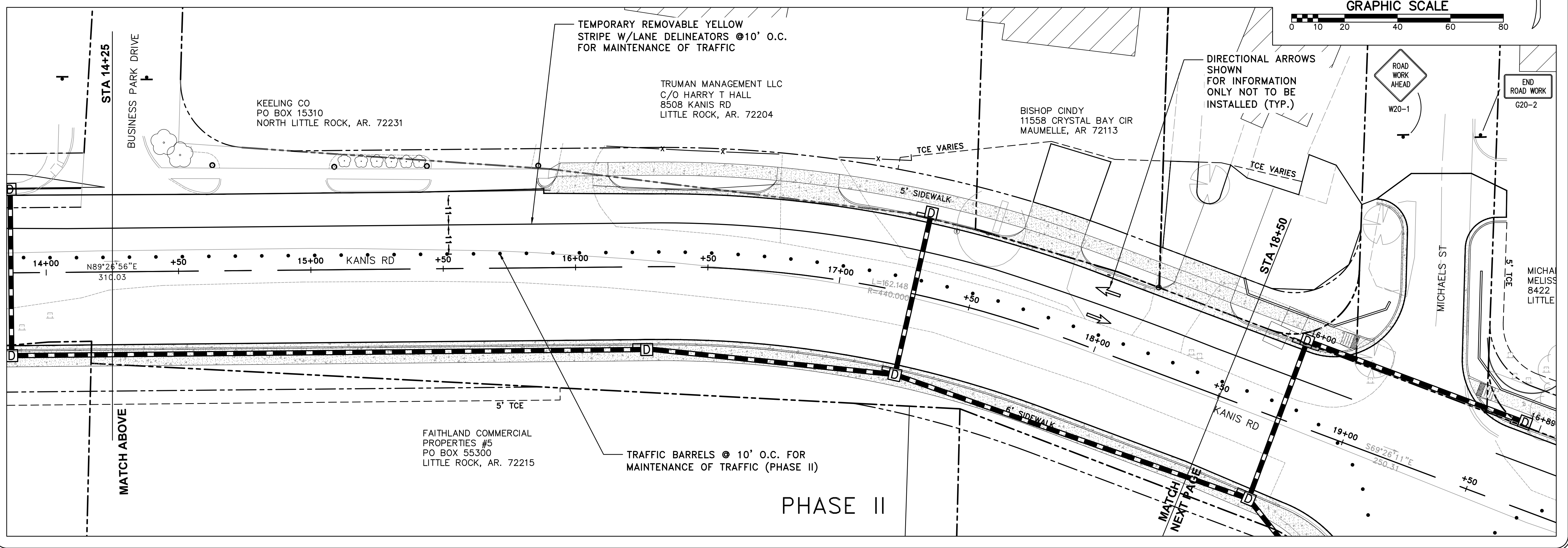
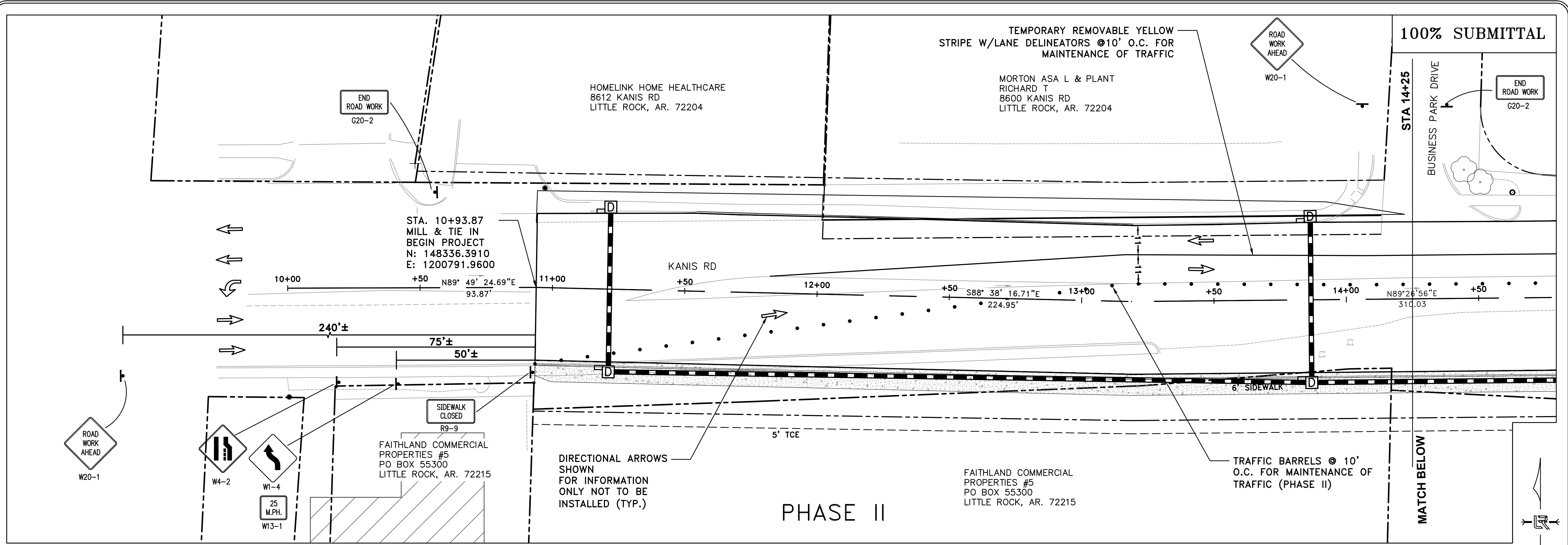


CITY OF LITTLE ROCK, ARKANSAS
 KANIS ROAD IMPROVEMENTS
 MAINTENANCE OF TRAFFIC PHASE I SHEET 2

DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201



DRAWN BY	TH
DESIGNED	TDF
CHECKED	BAP
DATE	09-02-2021
SCALE	H: 1"=20' V: 1"=5'
PROJECT NO.	06-17-222B
SHEET NO.	C12



REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
KANIS ROAD IMPROVEMENTS
MAINTENANCE OF TRAFFIC PHASE II SHEET 1

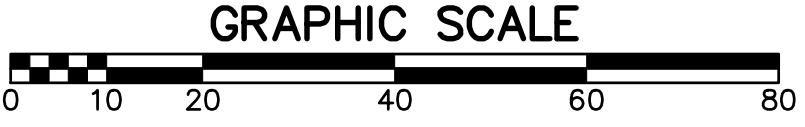
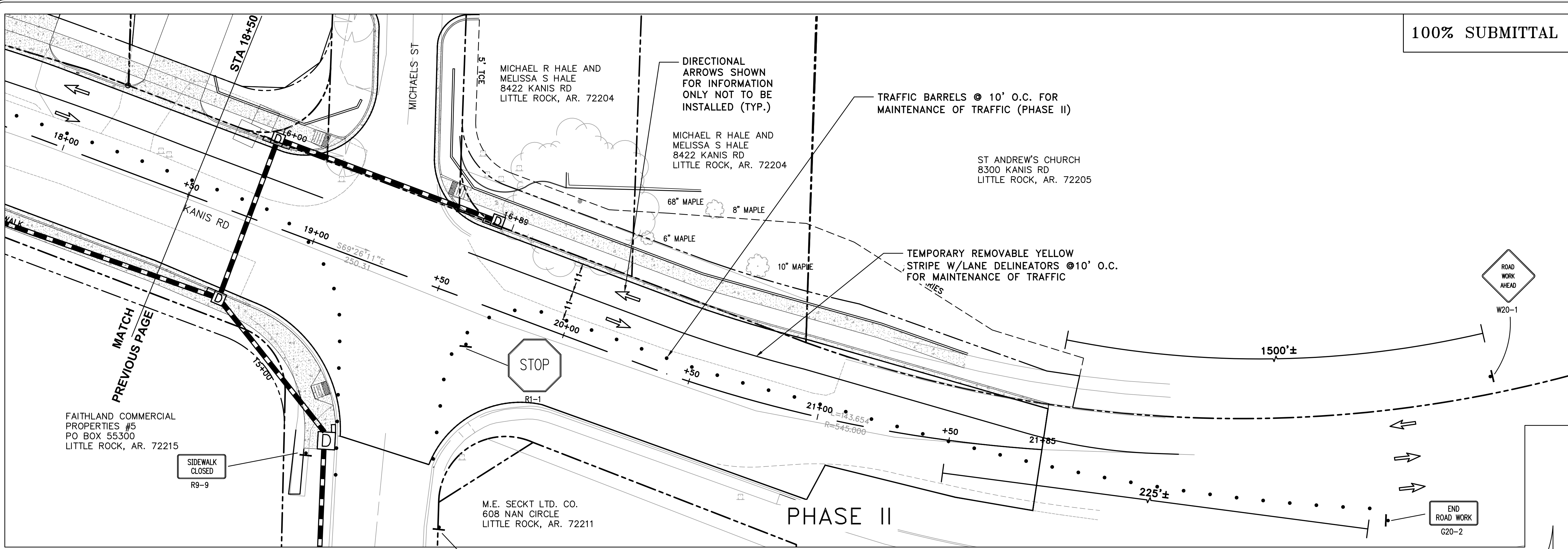
DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201



DRAWN BY	TH
DESIGNED	TDF
CHECKED	BAP
DATE	09-02-2021
SCALE	H: 1"=20' V: 1"=5'
PROJECT NO.	06-17-222B
SHEET NO.	C13

100% SUBMITTAL

REVISIONS DATE



CITY OF LITTLE ROCK, ARKANSAS
 KANIS ROAD IMPROVEMENTS
 MAINTENANCE OF TRAFFIC PHASE II SHEET 2

DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201



DRAWN BY
 TH
 DESIGNED
 TDF
 CHECKED
 BAP
 DATE
 09-02-2021
 SCALE
 H: 1"=20'
 V: 1"=5'
 PROJECT NO.
 06-17-222B
 SHEET NO.
 C14

100% SUBMITTAL

4" WHITE THERMOPLASTIC STRIPING W/BROKEN STRIPES DENOTING LANE SEPERATION; BROKEN STRIPES @ 10' LONG WITH 30' GAPS

HOMELINK HOME HEALTHCARE
8612 KANIS RD
LITTLE ROCK, AR. 72204

MORTON ASA L & PLANT
RICHARD T
8600 KANIS RD
LITTLE ROCK, AR. 72204

EXIST. STOP SIGN

STA 14+25

BUSINESS PARK DRIVE

10+00 +50 N89° 49' 24.69"E
93.87'

STA. 10+93.87
MILL & TIE IN
BEGIN PROJECT
N: 148336.3910
E: 1200791.9600

KANIS RD

+50 S88° 38' 16.71"E
224.95'

14+00 N89°26'56"E
310.03

FAITHLAND COMMERCIAL
PROPERTIES #5
PO BOX 55300
LITTLE ROCK, AR. 72215

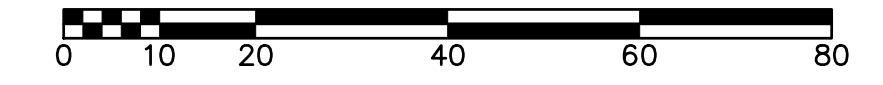
4" SOLID YELLOW THERMOPLASTIC STRIPING W/4" BROKEN YELLOW STRIPES DENOTING TURN LANE; BROKEN STRIPES @ 10' LONG WITH 30' GAPS

FAITHLAND COMMERCIAL
PROPERTIES #5
PO BOX 55300
LITTLE ROCK, AR. 72215

6' SIDEWALK

MATCH BELOW

GRAPHIC SCALE



STA 14+25

BUSINESS PARK DRIVE

KEELING CO
PO BOX 15310
NORTH LITTLE ROCK, AR. 72231

TRUMAN MANAGEMENT LLC
C/O HARRY T HALL
8508 KANIS RD
LITTLE ROCK, AR. 72204

BISHOP CINDY
11558 CRYSTAL BAY CIR
MAUMELLE, AR 72113

GAVIV HENRY MICHAEL/
PAMELA SUSAN
1618 MILLER DR
BRANSON, MO 65616

STOP

R1-1

STA 18+50

MICHAELS ST

MICHAEL
MELISSA
8422
LITTLE

14+00 N89°26'56"E
310.03

15+00 KANIS RD

16+00

17+00 L=162.148
R=440.00p

+50

18+00

18+00

S69°26'11"E
250.31

MATCH ABOVE
4" WHITE THERMOPLASTIC STRIPING W/BROKEN STRIPES DENOTING LANE SEPERATION; BROKEN STRIPES @ 10' LONG WITH 30' GAPS

FAITHLAND COMMERCIAL
PROPERTIES #5
PO BOX 55300
LITTLE ROCK, AR. 72215

4" SOLID YELLOW THERMOPLASTIC STRIPING W/4" BROKEN YELLOW STRIPES DENOTING TURN LANE; BROKEN STRIPES @ 10' LONG WITH 30' GAPS

MATCH NEXT PAGE

REVISIONS DATE

CITY OF LITTLE ROCK, ARKANSAS
KANIS ROAD IMPROVEMENTS
STRIPING AND SIGNAGE SHEET 1

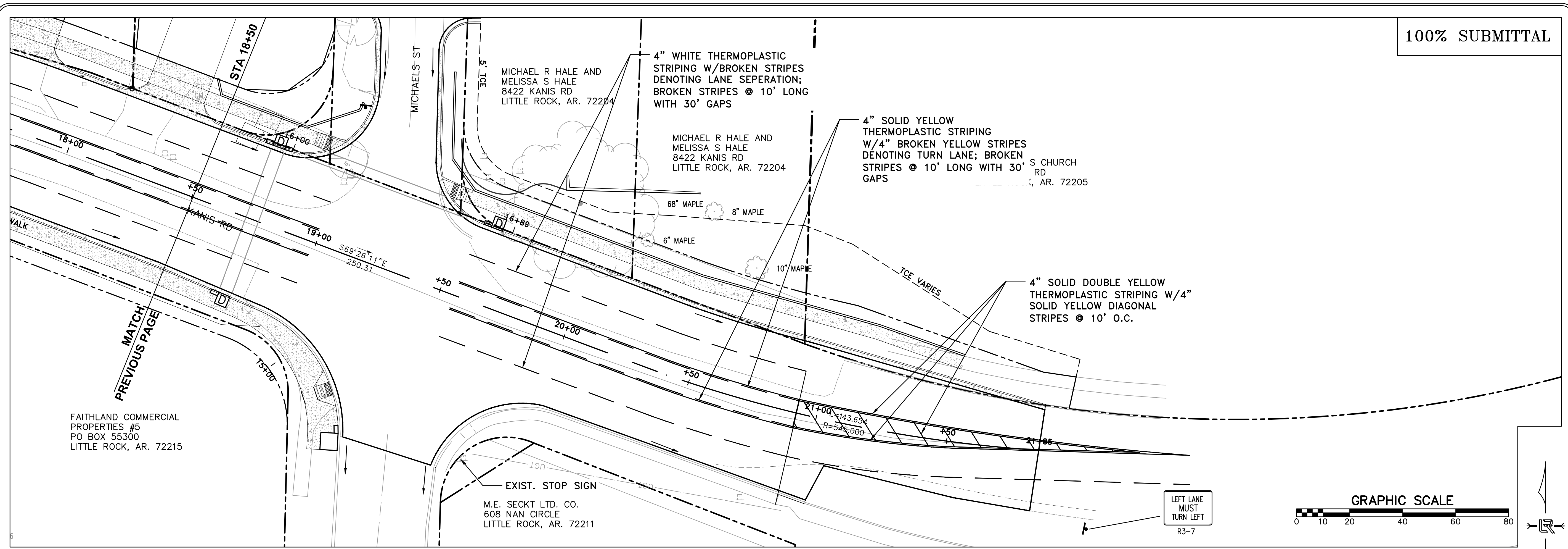
DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201



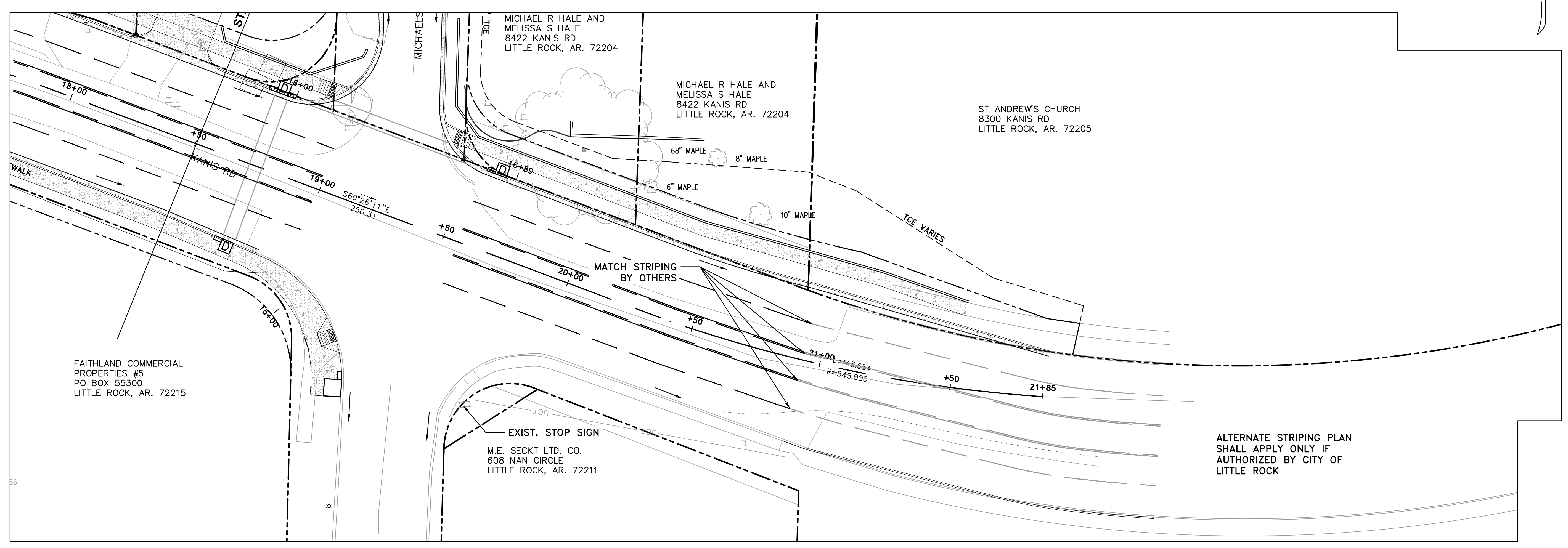
DRAWN BY TH
DESIGNED TDF
CHECKED BAP
DATE 09-02-2021
SCALE H: 1"=20'
V: 1"=5'
PROJECT NO. 06-17-222B
SHEET NO. C15

100% SUBMITTAL

REVISIONS	DATE



CITY OF LITTLE ROCK, ARKANSAS
 KANIS ROAD IMPROVEMENTS
 STRIPING AND SIGNAGE SHEET 2



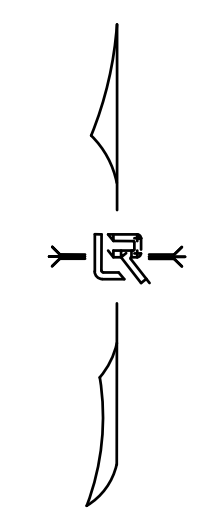
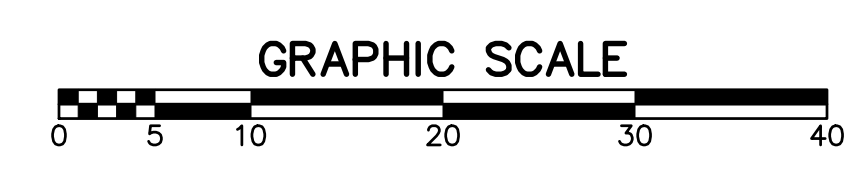
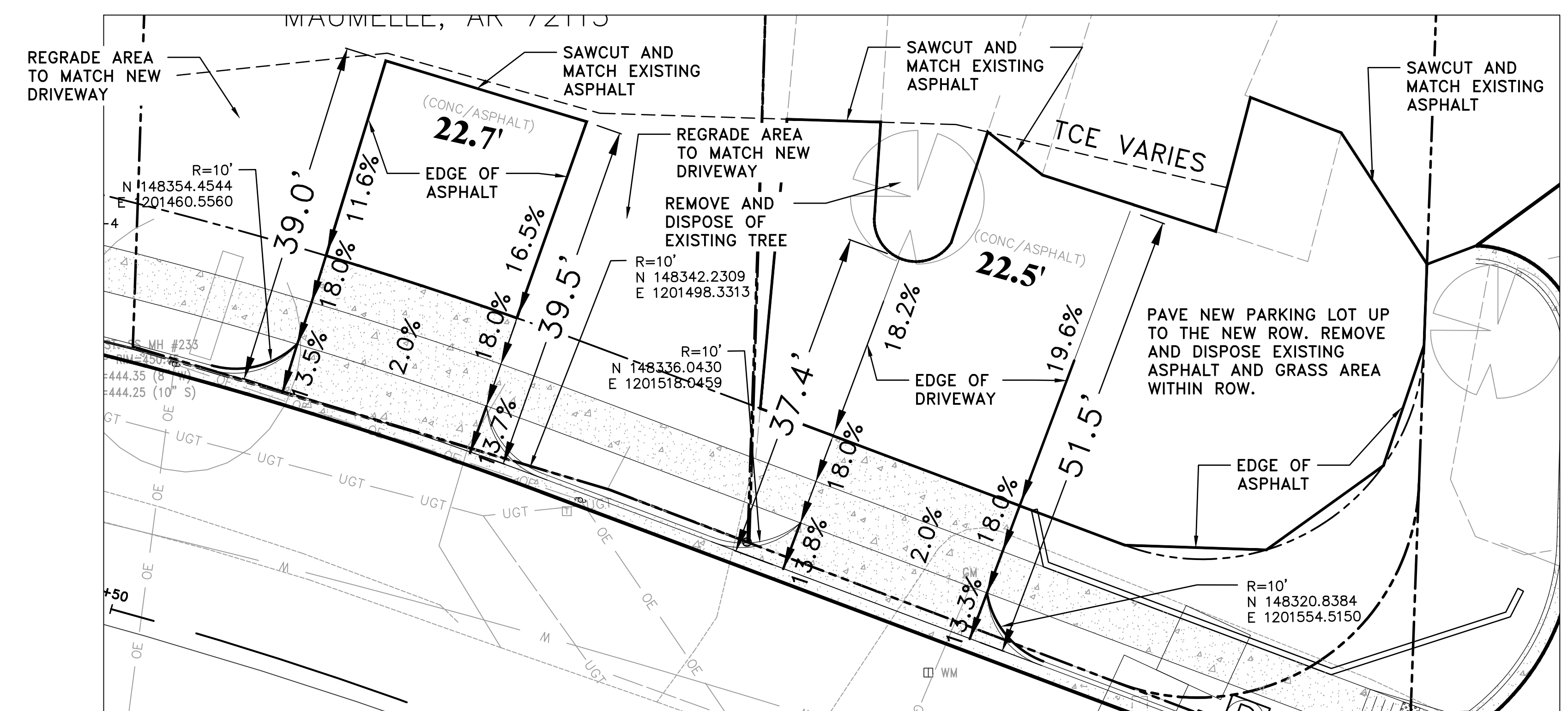
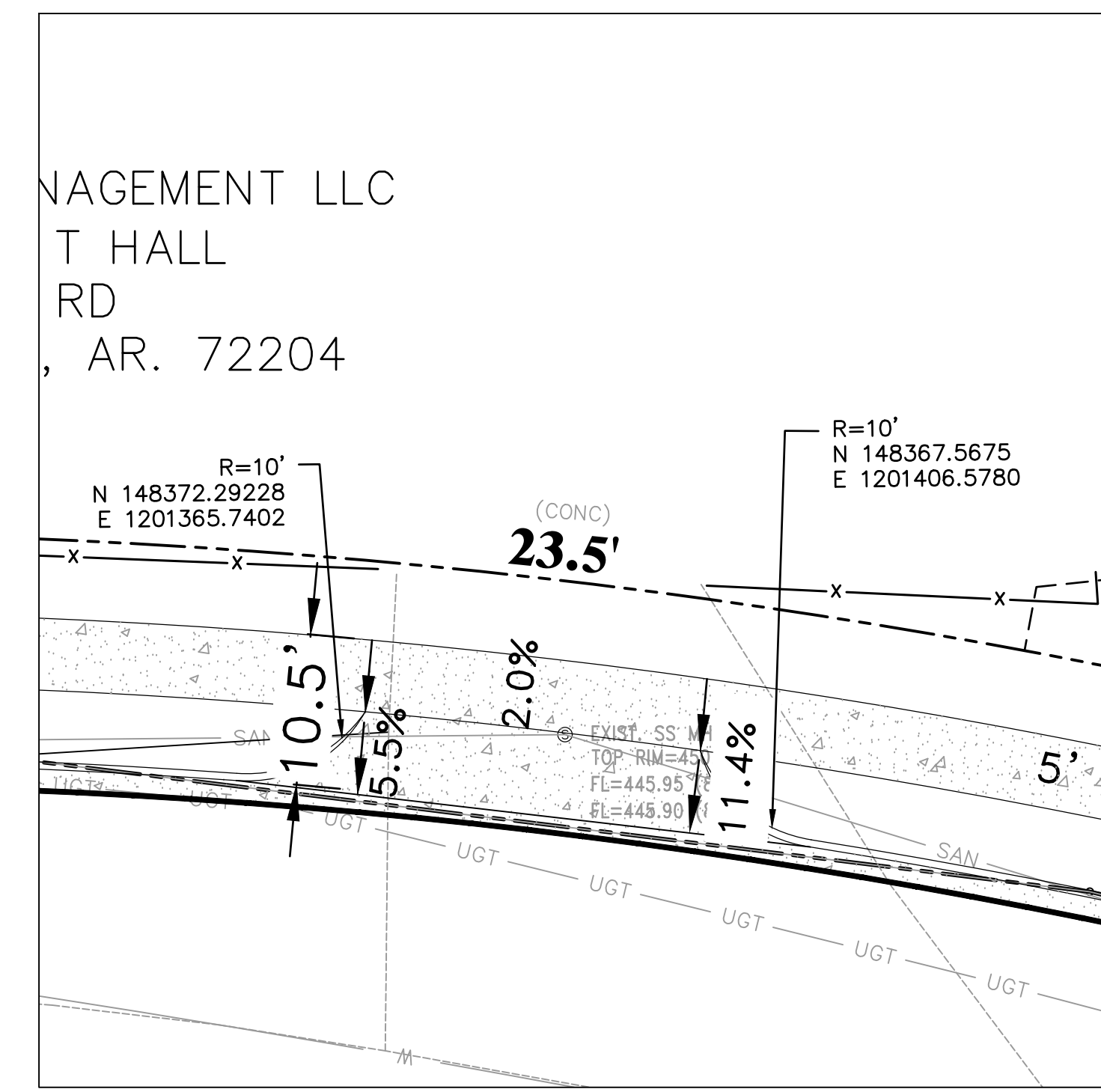
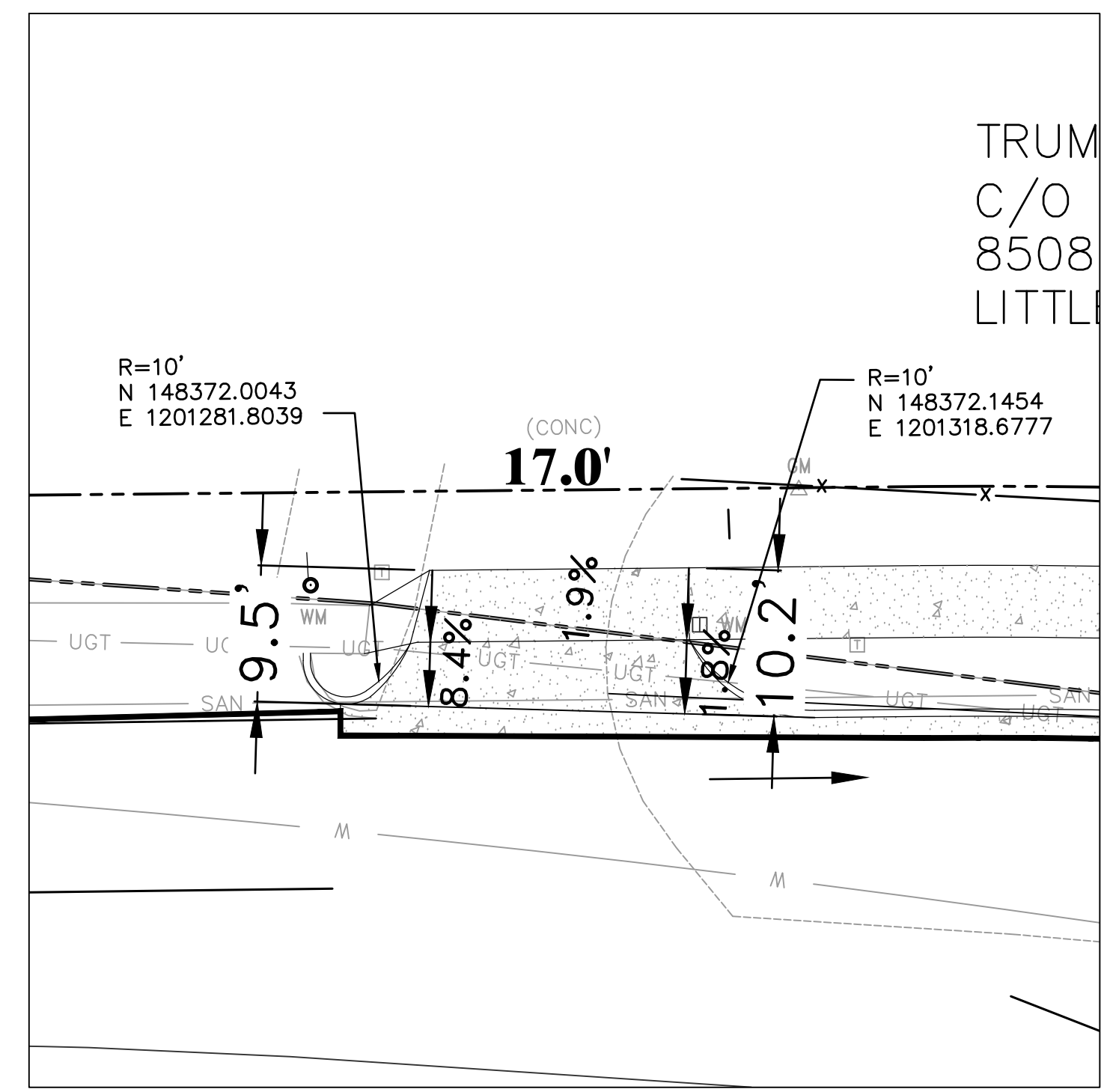
DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201



DRAWN BY
 TH
 DESIGNED
 TDF
 CHECKED
 BAP
 DATE
 09-02-2021
 SCALE
 H: 1"=20'
 V: 1"=5'
 PROJECT NO.
 06-17-222B
 SHEET NO.
 C16

100% SUBMITTAL

REVISIONS	DATE



CITY OF LITTLE ROCK, ARKANSAS
KANIS ROAD IMPROVEMENTS
DRIVEWAY GRADING

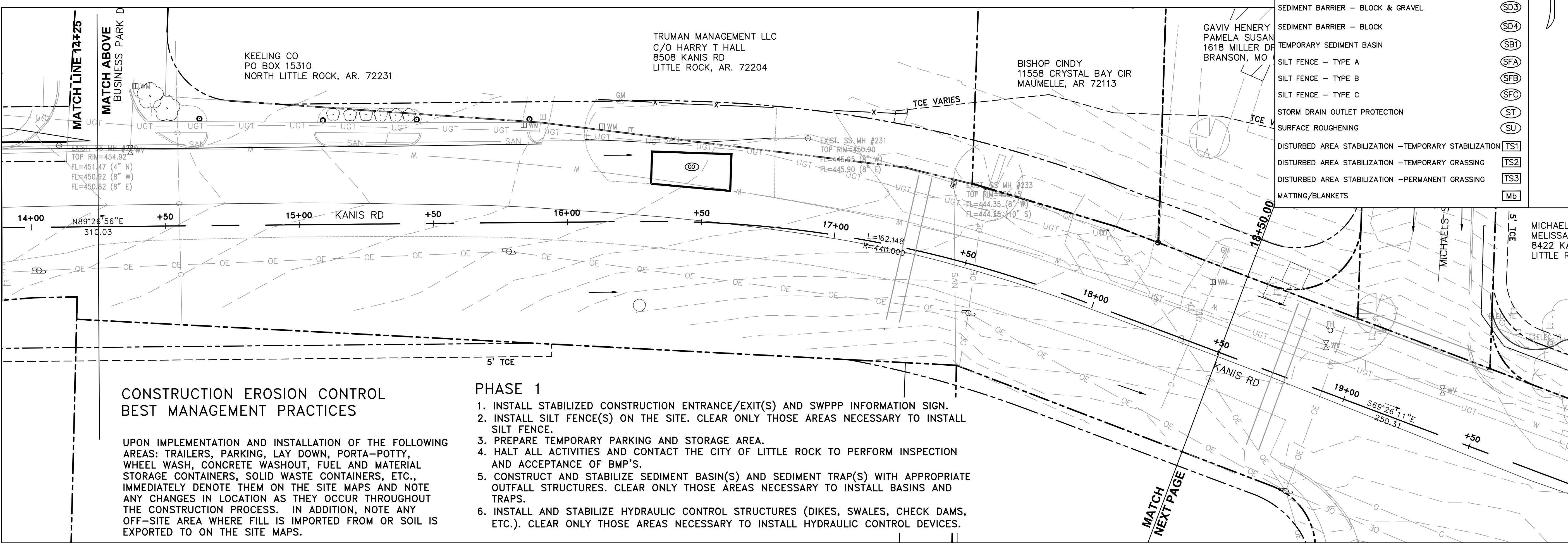
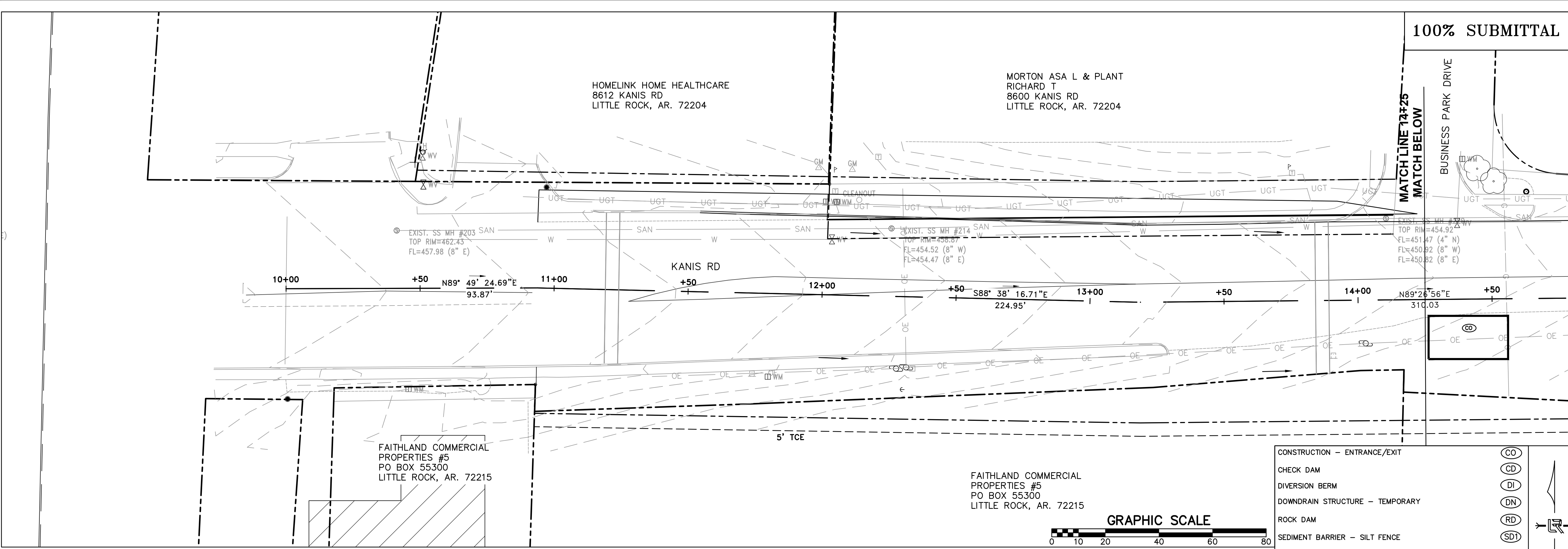
DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201



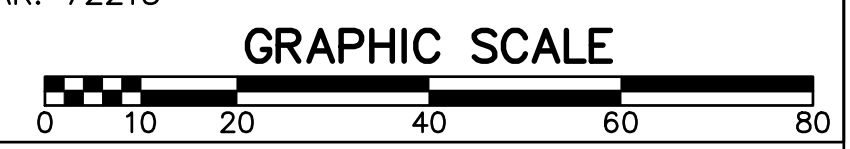
DRAWN BY
TH
DESIGNED
TDF
CHECKED
BAP
DATE
09-02-2021
SCALE
H: 1"=10'
PROJECT NO.
06-17-222B
SHEET NO.
C17

REVISIONS	DATE

100% SUBMITTAL



CONSTRUCTION - ENTRANCE/EXIT	(CO)
CHECK DAM	(CD)
DIVERSION BERM	(DI)
DOWNDRAIN STRUCTURE - TEMPORARY	(DN)
ROCK DAM	(RD)
SEDIMENT BARRIER - SILT FENCE	(SD1)
SEDIMENT BARRIER - GRAVEL RING	(SD2)
SEDIMENT BARRIER - BLOCK & GRAVEL	(SD3)
SEDIMENT BARRIER - BLOCK	(SD4)
TEMPORARY SEDIMENT BASIN	(SBI)
SILT FENCE - TYPE A	(SFA)
SILT FENCE - TYPE B	(SFB)
SILT FENCE - TYPE C	(SFC)
STORM DRAIN OUTLET PROTECTION	(ST)
SURFACE ROUGHENING	(SU)
DISTURBED AREA STABILIZATION - TEMPORARY STABILIZATION	(TS1)
DISTURBED AREA STABILIZATION - TEMPORARY GRASSING	(TS2)
DISTURBED AREA STABILIZATION - PERMANENT GRASSING	(TS3)
MATTING/BLANKETS	(Mb)



CONSTRUCTION EROSION CONTROL BEST MANAGEMENT PRACTICES

UPON IMPLEMENTATION AND INSTALLATION OF THE FOLLOWING AREAS: TRAILERS, PARKING, LAY DOWN, PORTA-POTTY, WHEEL WASH, CONCRETE WASHOUT, FUEL AND MATERIAL STORAGE CONTAINERS, SOLID WASTE CONTAINERS, ETC., IMMEDIATELY DENOTE THEM ON THE SITE MAPS AND NOTE ANY CHANGES IN LOCATION AS THEY OCCUR THROUGHOUT THE CONSTRUCTION PROCESS. IN ADDITION, NOTE ANY OFF-SITE AREA WHERE FILL IS IMPORTED FROM OR SOIL IS EXPORTED TO ON THE SITE MAPS.

PHASE 1

1. INSTALL STABILIZED CONSTRUCTION ENTRANCE/EXIT(S) AND SWPPP INFORMATION SIGN.
2. INSTALL SILT FENCE(S) ON THE SITE. CLEAR ONLY THOSE AREAS NECESSARY TO INSTALL SILT FENCE.
3. PREPARE TEMPORARY PARKING AND STORAGE AREA.
4. HALT ALL ACTIVITIES AND CONTACT THE CITY OF LITTLE ROCK TO PERFORM INSPECTION AND ACCEPTANCE OF BMP'S.
5. CONSTRUCT AND STABILIZE SEDIMENT BASIN(S) AND SEDIMENT TRAP(S) WITH APPROPRIATE OUTFALL STRUCTURES. CLEAR ONLY THOSE AREAS NECESSARY TO INSTALL BASINS AND TRAPS.
6. INSTALL AND STABILIZE HYDRAULIC CONTROL STRUCTURES (DIKES, SWALES, CHECK DAMS, ETC.). CLEAR ONLY THOSE AREAS NECESSARY TO INSTALL HYDRAULIC CONTROL DEVICES.

CITY OF LITTLE ROCK, ARKANSAS
KANIS ROAD IMPROVEMENTS
EROSION CONTROL PH I SHEET 1

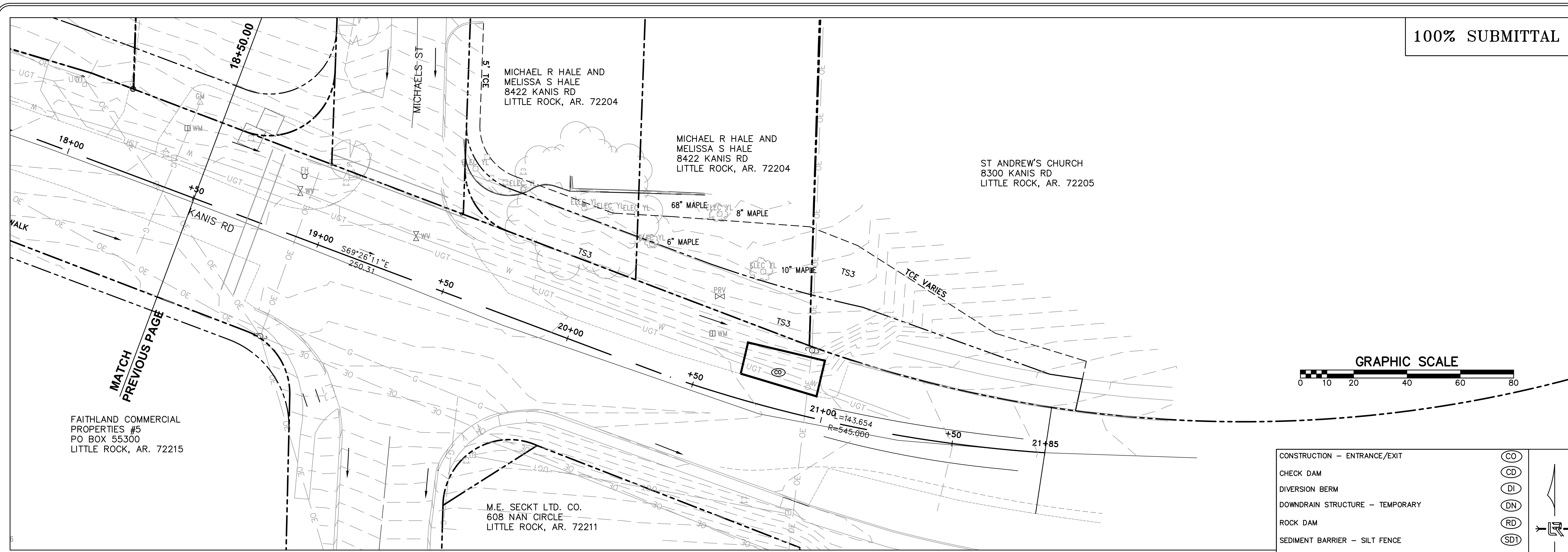
DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201



DRAWN BY	TH
DESIGNED	TDF
CHECKED	BAP
DATE	09-02-2021
SCALE	H: 1"=20'
PROJECT NO.	06-17-222B
SHEET NO.	C18

100% SUBMITTAL

REVISIONS	DATE



CITY OF LITTLE ROCK, ARKANSAS
 KANIS ROAD IMPROVEMENTS
 EROSION CONTROL PH I SHEET 2

DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201



DRAWN BY
 TH
 DESIGNED
 TDF
 CHECKED
 BAP
 DATE
 09-02-2021
 SCALE
 H: 1"=20'
 PROJECT NO.
 06-17-222B
 SHEET NO.
 C19

FAITHLAND COMMERCIAL PROPERTIES #5
 PO BOX 55300
 LITTLE ROCK, AR. 72215

M.E. SECKT LTD. CO.
 608 NAN CIRCLE
 LITTLE ROCK, AR. 72211

CONSTRUCTION - ENTRANCE/EXIT	(CO)
CHECK DAM	(CD)
DIVERSION BERM	(DI)
DOWNDRAIN STRUCTURE - TEMPORARY	(DN)
ROCK DAM	(RD)
SEDIMENT BARRIER - SILT FENCE	(SD1)
SEDIMENT BARRIER - GRAVEL RING	(SD2)
SEDIMENT BARRIER - BLOCK & GRAVEL	(SD3)
SEDIMENT BARRIER - BLOCK	(SD4)
TEMPORARY SEDIMENT BASIN	(SBI)
SILT FENCE - TYPE A	(SFA)
SILT FENCE - TYPE B	(SFB)
SILT FENCE - TYPE C	(SFC)
STORM DRAIN OUTLET PROTECTION	(ST)
SURFACE ROUGHENING	(SU)
DISTURBED AREA STABILIZATION - TEMPORARY STABILIZATION	(TS1)
DISTURBED AREA STABILIZATION - TEMPORARY GRASSING	(TS2)
DISTURBED AREA STABILIZATION - PERMANENT GRASSING	(TS3)
MATTING/BANKETS	(Mb)

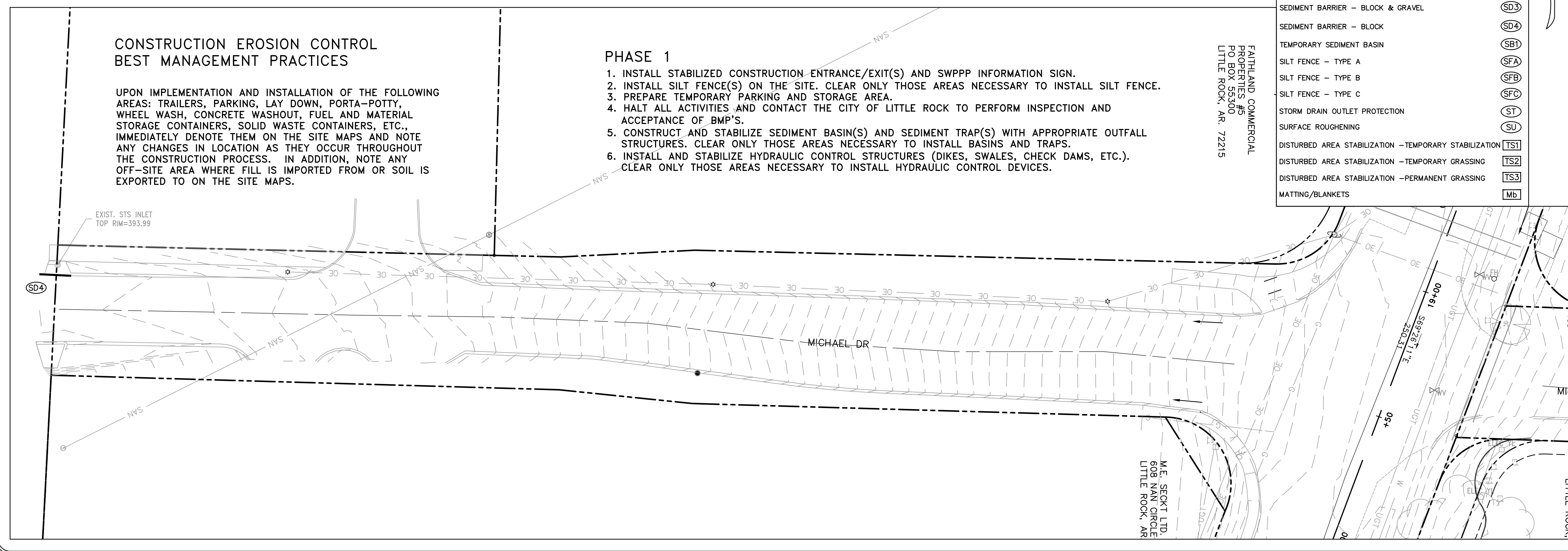
FAITHLAND COMMERCIAL PROPERTIES #5
 PO BOX 55300
 LITTLE ROCK, AR. 72215

CONSTRUCTION EROSION CONTROL BEST MANAGEMENT PRACTICES

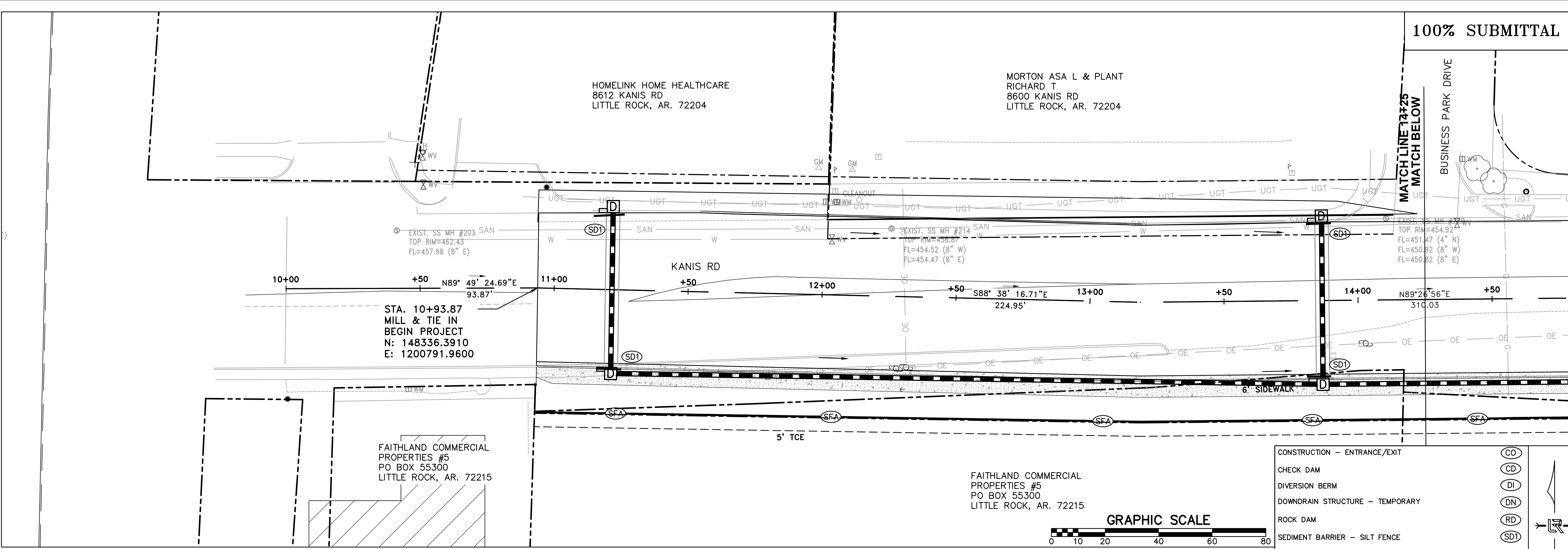
UPON IMPLEMENTATION AND INSTALLATION OF THE FOLLOWING AREAS: TRAILERS, PARKING, LAY DOWN, PORTA-POTTY, WHEEL WASH, CONCRETE WASHOUT, FUEL AND MATERIAL STORAGE CONTAINERS, SOLID WASTE CONTAINERS, ETC., IMMEDIATELY DENOTE THEM ON THE SITE MAPS AND NOTE ANY CHANGES IN LOCATION AS THEY OCCUR THROUGHOUT THE CONSTRUCTION PROCESS. IN ADDITION, NOTE ANY OFF-SITE AREA WHERE FILL IS IMPORTED FROM OR SOIL IS EXPORTED TO ON THE SITE MAPS.

PHASE 1

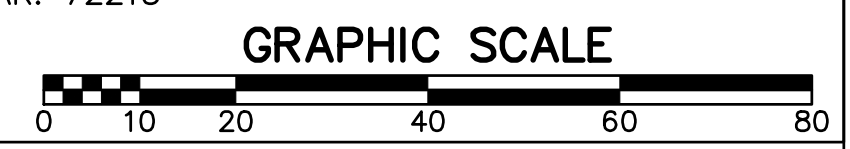
1. INSTALL STABILIZED CONSTRUCTION ENTRANCE/EXIT(S) AND SWPPP INFORMATION SIGN.
2. INSTALL SILT FENCE(S) ON THE SITE. CLEAR ONLY THOSE AREAS NECESSARY TO INSTALL SILT FENCE.
3. PREPARE TEMPORARY PARKING AND STORAGE AREA.
4. HALT ALL ACTIVITIES AND CONTACT THE CITY OF LITTLE ROCK TO PERFORM INSPECTION AND ACCEPTANCE OF BMP'S.
5. CONSTRUCT AND STABILIZE SEDIMENT BASIN(S) AND SEDIMENT TRAP(S) WITH APPROPRIATE OUTFALL STRUCTURES. CLEAR ONLY THOSE AREAS NECESSARY TO INSTALL BASINS AND TRAPS.
6. INSTALL AND STABILIZE HYDRAULIC CONTROL STRUCTURES (DIKES, SWALES, CHECK DAMS, ETC.). CLEAR ONLY THOSE AREAS NECESSARY TO INSTALL HYDRAULIC CONTROL DEVICES.



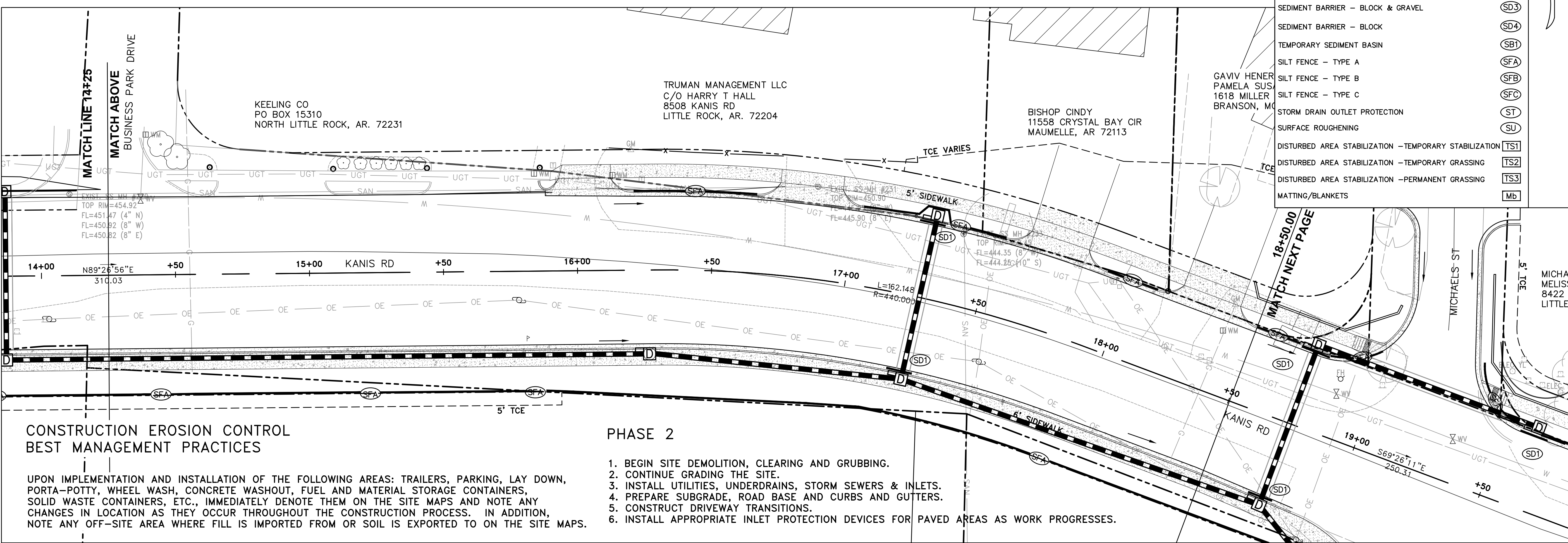
REVISIONS	DATE



100% SUBMITTAL



CONSTRUCTION - ENTRANCE/EXIT	(CO)
CHECK DAM	(CD)
DIVERSION BERM	(DI)
DOWNDRAIN STRUCTURE - TEMPORARY	(DN)
ROCK DAM	(RD)
SEDIMENT BARRIER - SILT FENCE	(SD1)
SEDIMENT BARRIER - GRAVEL RING	(SD2)
SEDIMENT BARRIER - BLOCK & GRAVEL	(SD3)
SEDIMENT BARRIER - BLOCK	(SD4)
TEMPORARY SEDIMENT BASIN	(SB1)
SILT FENCE - TYPE A	(SFA)
SILT FENCE - TYPE B	(SFB)
SILT FENCE - TYPE C	(SFC)
STORM DRAIN OUTLET PROTECTION	(ST)
SURFACE ROUGHENING	(SU)
DISTURBED AREA STABILIZATION - TEMPORARY STABILIZATION	(TS1)
DISTURBED AREA STABILIZATION - TEMPORARY GRASSING	(TS2)
DISTURBED AREA STABILIZATION - PERMANENT GRASSING	(TS3)
MATTING/BLANKETS	(Mb)



CONSTRUCTION EROSION CONTROL BEST MANAGEMENT PRACTICES

UPON IMPLEMENTATION AND INSTALLATION OF THE FOLLOWING AREAS: TRAILERS, PARKING, LAY DOWN, PORTA-POTTY, WHEEL WASH, CONCRETE WASHOUT, FUEL AND MATERIAL STORAGE CONTAINERS, SOLID WASTE CONTAINERS, ETC., IMMEDIATELY DENOTE THEM ON THE SITE MAPS AND NOTE ANY CHANGES IN LOCATION AS THEY OCCUR THROUGHOUT THE CONSTRUCTION PROCESS. IN ADDITION, NOTE ANY OFF-SITE AREA WHERE FILL IS IMPORTED FROM OR SOIL IS EXPORTED TO ON THE SITE MAPS.

PHASE 2

- BEGIN SITE DEMOLITION, CLEARING AND GRUBBING.
- CONTINUE GRADING THE SITE.
- INSTALL UTILITIES, UNDERDRAINS, STORM SEWERS & INLETS.
- PREPARE SUBGRADE, ROAD BASE AND CURBS AND GUTTERS.
- CONSTRUCT DRIVEWAY TRANSITIONS.
- INSTALL APPROPRIATE INLET PROTECTION DEVICES FOR PAVED AREAS AS WORK PROGRESSES.

CITY OF LITTLE ROCK, ARKANSAS
 KANIS ROAD IMPROVEMENTS
 EROSION CONTROL PH II SHEET 1

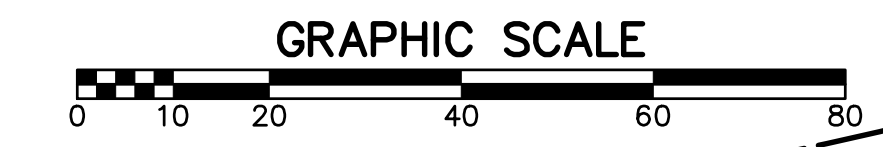
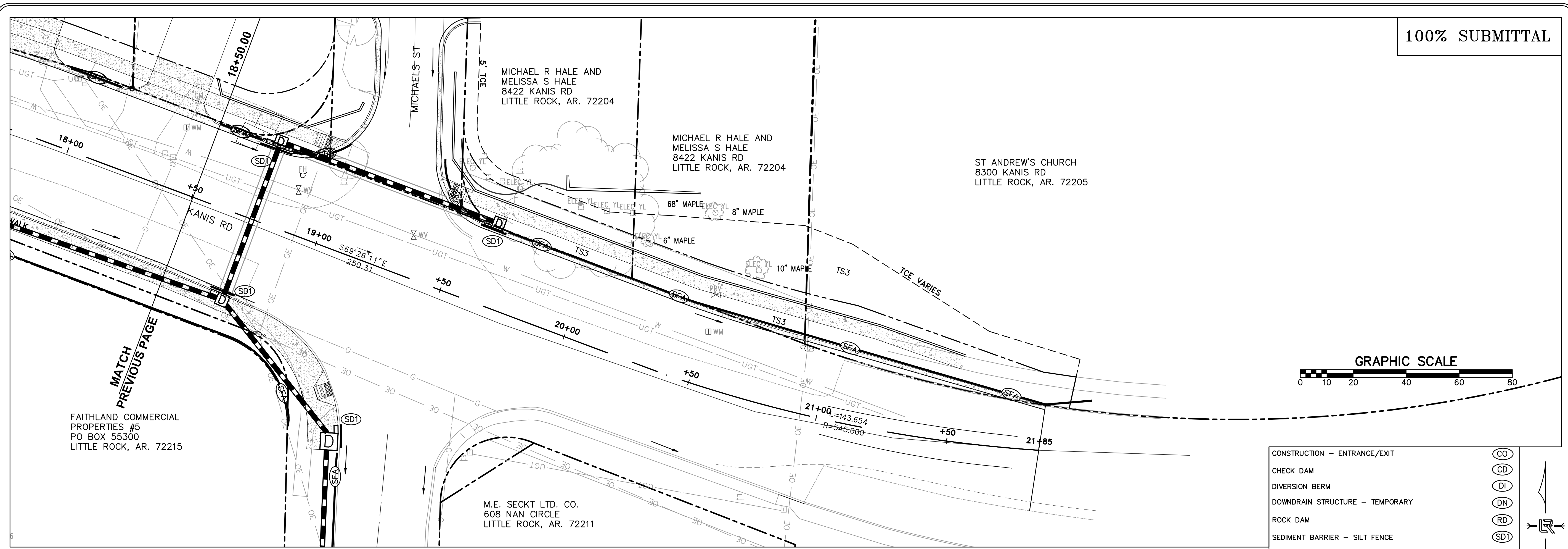
DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201



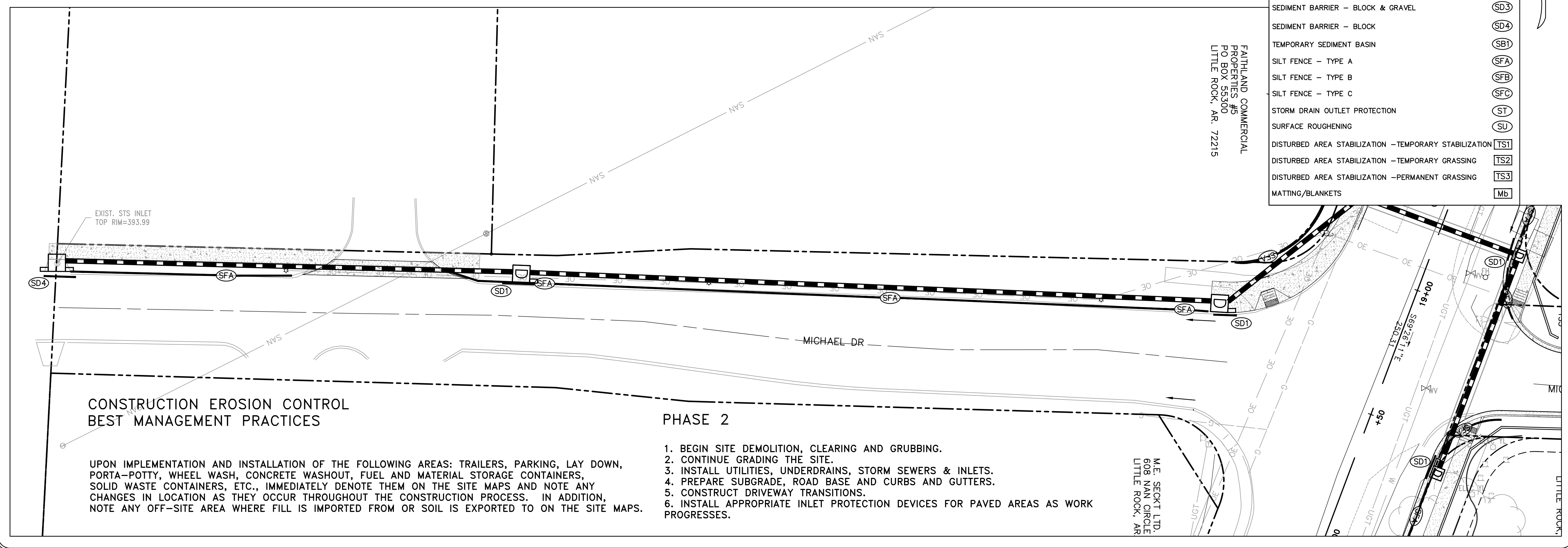
DRAWN BY	TH
DESIGNED	TDF
CHECKED	
BAP	
DATE	09-02-2021
SCALE	H: 1"=20'
PROJECT NO.	06-17-222B
SHEET NO.	C20

100% SUBMITTAL

REVISIONS	DATE



CONSTRUCTION - ENTRANCE/EXIT	(CO)
CHECK DAM	(CD)
DIVERSION BERM	(DI)
DOWNDRAIN STRUCTURE - TEMPORARY	(DN)
ROCK DAM	(RD)
SEDIMENT BARRIER - SILT FENCE	(SD1)
SEDIMENT BARRIER - GRAVEL RING	(SD2)
SEDIMENT BARRIER - BLOCK & GRAVEL	(SD3)
SEDIMENT BARRIER - BLOCK	(SD4)
TEMPORARY SEDIMENT BASIN	(SBI)
SILT FENCE - TYPE A	(SFA)
SILT FENCE - TYPE B	(SFB)
SILT FENCE - TYPE C	(SFC)
STORM DRAIN OUTLET PROTECTION	(ST)
SURFACE ROUGHENING	(SU)
DISTURBED AREA STABILIZATION - TEMPORARY STABILIZATION	(TS1)
DISTURBED AREA STABILIZATION - TEMPORARY GRASSING	(TS2)
DISTURBED AREA STABILIZATION - PERMANENT GRASSING	(TS3)
MATTING/BLANKETS	(Mb)



FAITHLAND COMMERCIAL PROPERTIES #5
PO BOX 55300
LITTLE ROCK, AR. 72215

CONSTRUCTION EROSION CONTROL BEST MANAGEMENT PRACTICES

UPON IMPLEMENTATION AND INSTALLATION OF THE FOLLOWING AREAS: TRAILERS, PARKING, LAY DOWN, PORTA-POTTY, WHEEL WASH, CONCRETE WASHOUT, FUEL AND MATERIAL STORAGE CONTAINERS, SOLID WASTE CONTAINERS, ETC., IMMEDIATELY DENOTE THEM ON THE SITE MAPS AND NOTE ANY CHANGES IN LOCATION AS THEY OCCUR THROUGHOUT THE CONSTRUCTION PROCESS. IN ADDITION, NOTE ANY OFF-SITE AREA WHERE FILL IS IMPORTED FROM OR SOIL IS EXPORTED TO ON THE SITE MAPS.

PHASE 2

- BEGIN SITE DEMOLITION, CLEARING AND GRUBBING.
- CONTINUE GRADING THE SITE.
- INSTALL UTILITIES, UNDERDRAINS, STORM SEWERS & INLETS.
- PREPARE SUBGRADE, ROAD BASE AND CURBS AND GUTTERS.
- CONSTRUCT DRIVEWAY TRANSITIONS.
- INSTALL APPROPRIATE INLET PROTECTION DEVICES FOR PAVED AREAS AS WORK PROGRESSES.

CITY OF LITTLE ROCK, ARKANSAS
KANIS ROAD IMPROVEMENTS
EROSION CONTROL PH II SHEET 2

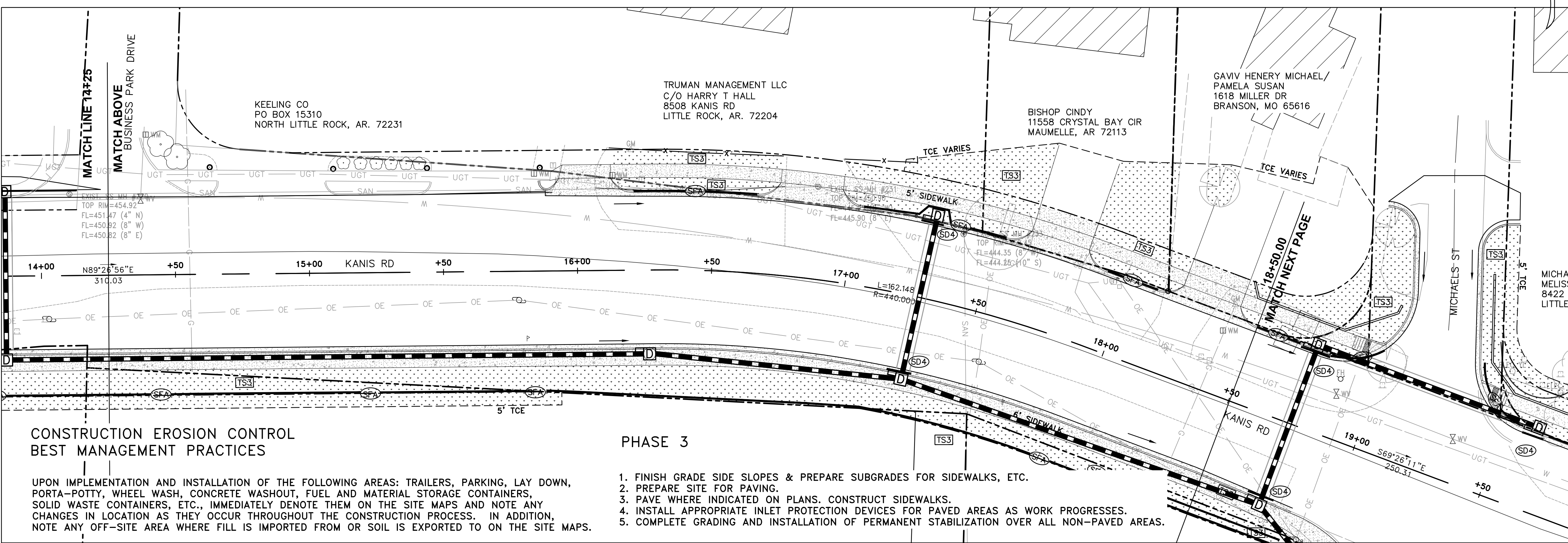
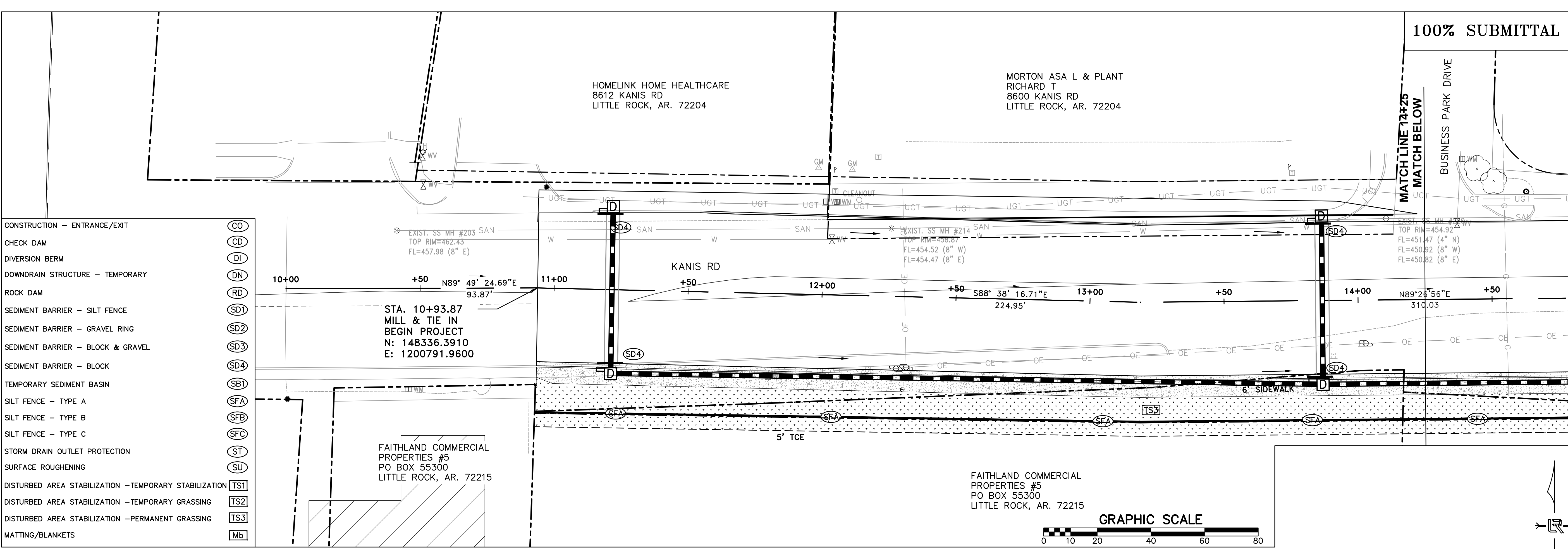
DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201



DRAWN BY	TH
DESIGNED	TDF
CHECKED	BAP
DATE	09-02-2021
SCALE	H: 1"=20'
PROJECT NO.	06-17-222B
SHEET NO.	C21

REVISIONS	DATE

100% SUBMITTAL



CONSTRUCTION EROSION CONTROL BEST MANAGEMENT PRACTICES

UPON IMPLEMENTATION AND INSTALLATION OF THE FOLLOWING AREAS: TRAILERS, PARKING, LAY DOWN, PORTA-POTTY, WHEEL WASH, CONCRETE WASHOUT, FUEL AND MATERIAL STORAGE CONTAINERS, SOLID WASTE CONTAINERS, ETC., IMMEDIATELY DENOTE THEM ON THE SITE MAPS AND NOTE ANY CHANGES IN LOCATION AS THEY OCCUR THROUGHOUT THE CONSTRUCTION PROCESS. IN ADDITION, NOTE ANY OFF-SITE AREA WHERE FILL IS IMPORTED FROM OR SOIL IS EXPORTED TO ON THE SITE MAPS.

PHASE 3

1. FINISH GRADE SIDE SLOPES & PREPARE SUBGRADES FOR SIDEWALKS, ETC.
2. PREPARE SITE FOR PAVING.
3. PAYE WHERE INDICATED ON PLANS. CONSTRUCT SIDEWALKS.
4. INSTALL APPROPRIATE INLET PROTECTION DEVICES FOR PAVED AREAS AS WORK PROGRESSES.
5. COMPLETE GRADING AND INSTALLATION OF PERMANENT STABILIZATION OVER ALL NON-PAVED AREAS.

CITY OF LITTLE ROCK, ARKANSAS
KANIS ROAD IMPROVEMENTS
EROSION CONTROL PH III SHEET 1

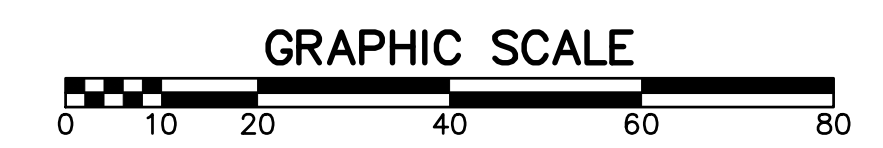
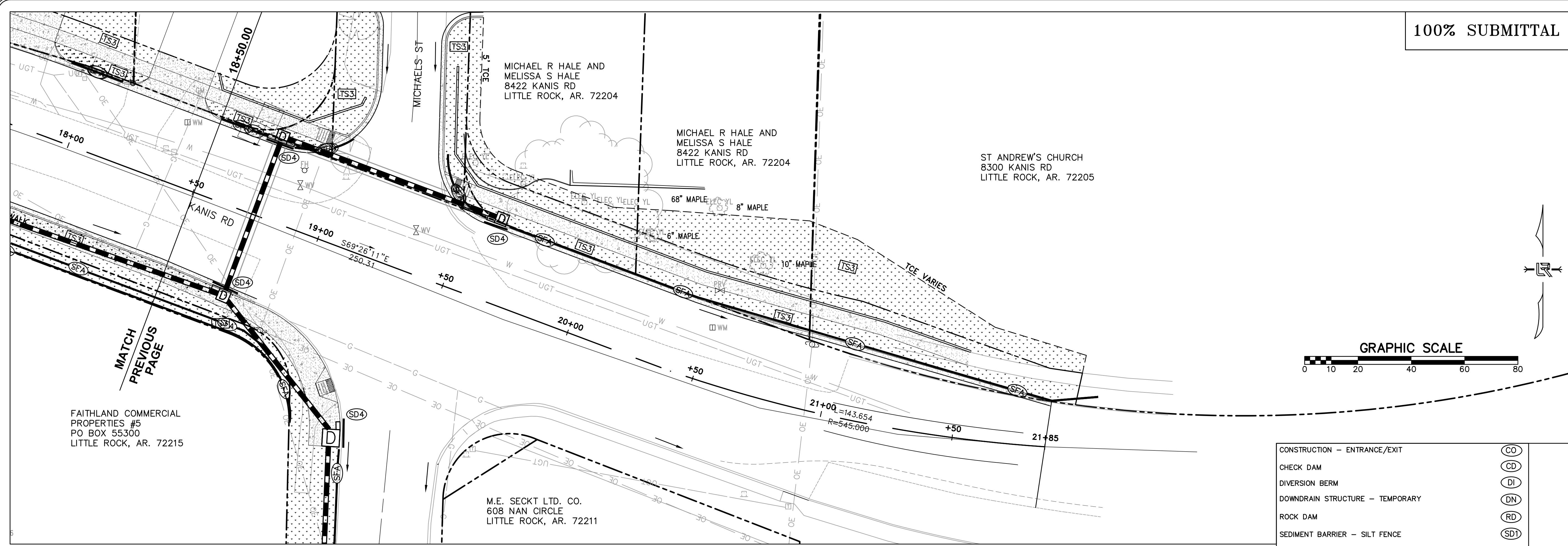
DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201



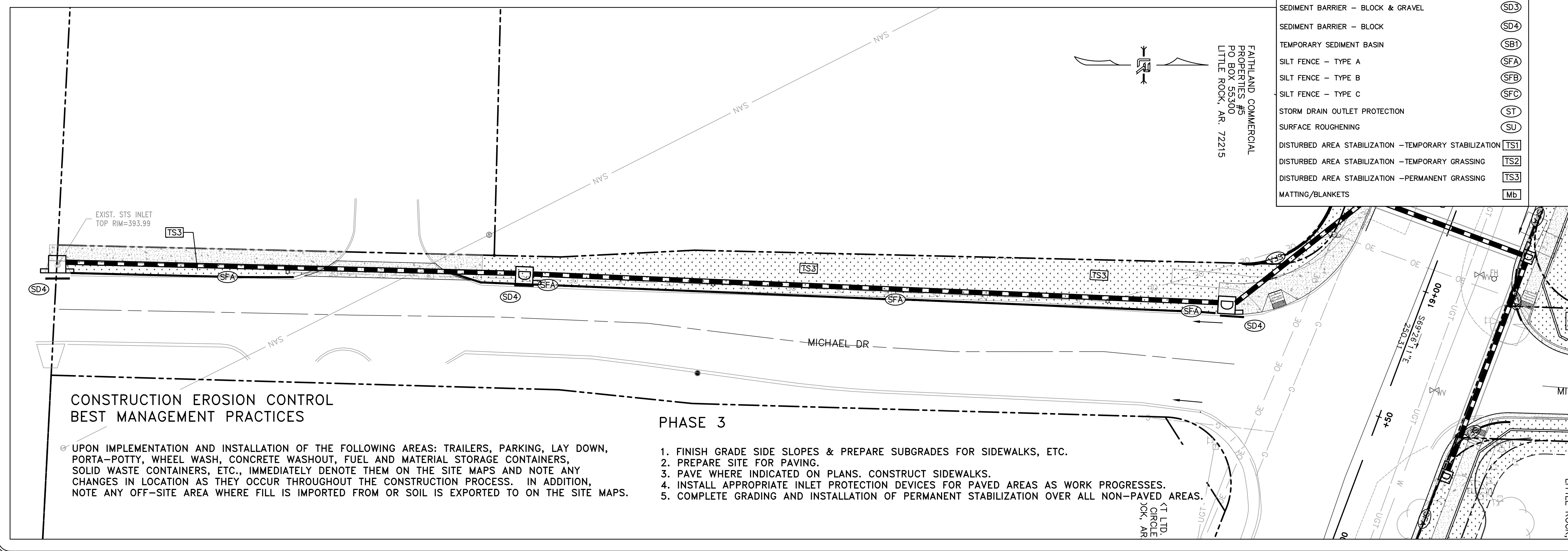
DRAWN BY TH
DESIGNED TDF
CHECKED
BAP
DATE 09-02-2021
SCALE H: 1"=20'
PROJECT NO. 06-17-222B
SHEET NO. C22

100% SUBMITTAL

REVISIONS DATE



CONSTRUCTION - ENTRANCE/EXIT	(CO)
CHECK DAM	(CD)
DIVERSION BERM	(DI)
DOWNDRAIN STRUCTURE - TEMPORARY	(DN)
ROCK DAM	(RD)
SEDIMENT BARRIER - SILT FENCE	(SD1)
SEDIMENT BARRIER - GRAVEL RING	(SD2)
SEDIMENT BARRIER - BLOCK & GRAVEL	(SD3)
SEDIMENT BARRIER - BLOCK	(SD4)
TEMPORARY SEDIMENT BASIN	(SBI)
SILT FENCE - TYPE A	(SFA)
SILT FENCE - TYPE B	(SFB)
SILT FENCE - TYPE C	(SFC)
STORM DRAIN OUTLET PROTECTION	(ST)
SURFACE ROUGHENING	(SU)
DISTURBED AREA STABILIZATION - TEMPORARY STABILIZATION	(TS1)
DISTURBED AREA STABILIZATION - TEMPORARY GRASSING	(TS2)
DISTURBED AREA STABILIZATION - PERMANENT GRASSING	(TS3)
MATTING/BANKETS	(Mb)



CONSTRUCTION EROSION CONTROL BEST MANAGEMENT PRACTICES

UPON IMPLEMENTATION AND INSTALLATION OF THE FOLLOWING AREAS: TRAILERS, PARKING, LAY DOWN, PORTA-POTTY, WHEEL WASH, CONCRETE WASHOUT, FUEL AND MATERIAL STORAGE CONTAINERS, SOLID WASTE CONTAINERS, ETC., IMMEDIATELY DENOTE THEM ON THE SITE MAPS AND NOTE ANY CHANGES IN LOCATION AS THEY OCCUR THROUGHOUT THE CONSTRUCTION PROCESS. IN ADDITION, NOTE ANY OFF-SITE AREA WHERE FILL IS IMPORTED FROM OR SOIL IS EXPORTED TO ON THE SITE MAPS.

PHASE 3

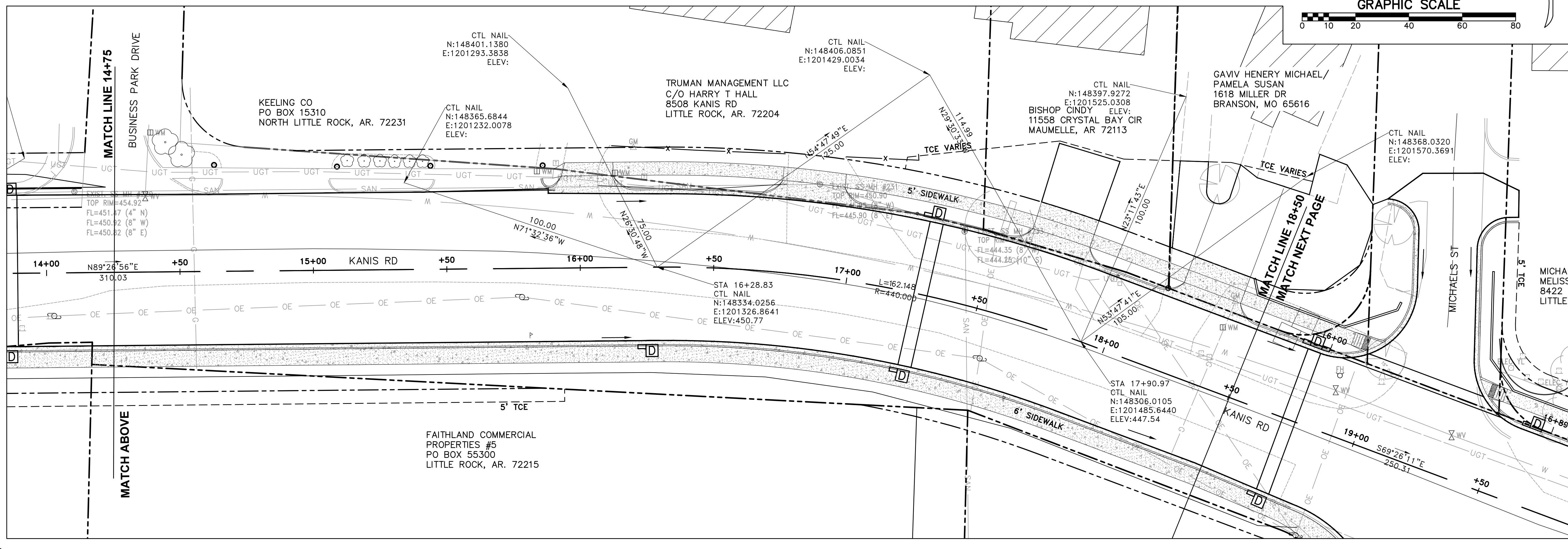
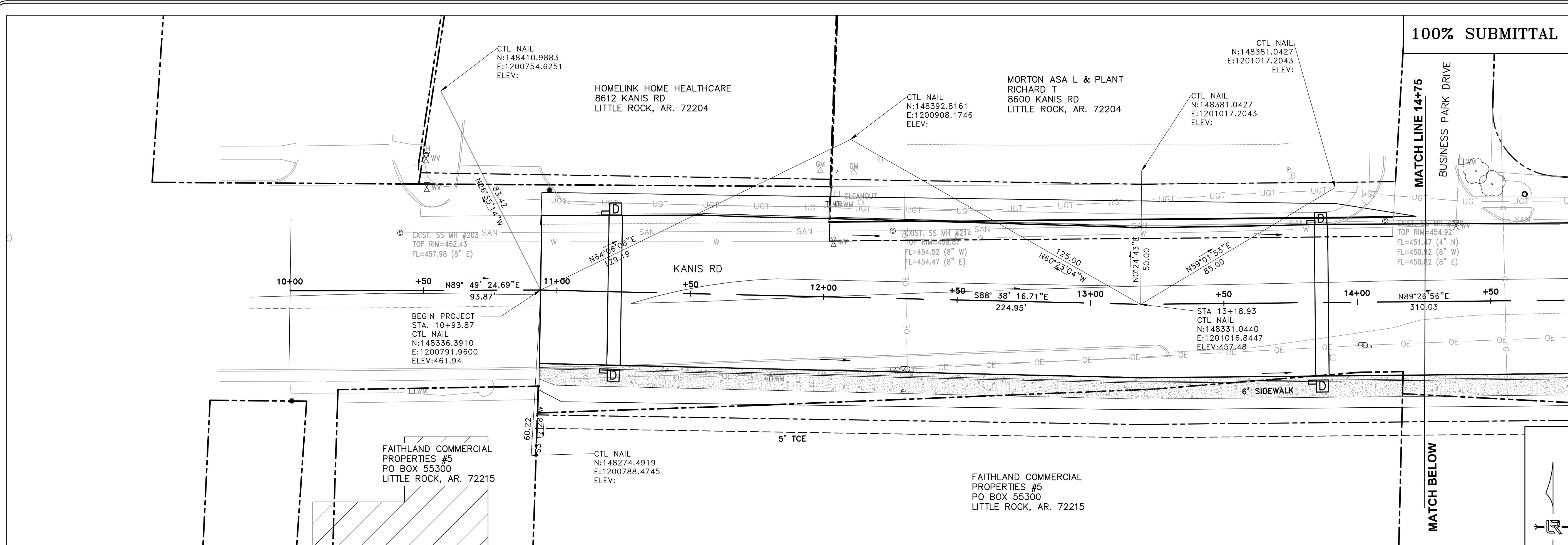
1. FINISH GRADE SIDE SLOPES & PREPARE SUBGRADES FOR SIDEWALKS, ETC.
2. PREPARE SITE FOR PAVING.
3. PAVE WHERE INDICATED ON PLANS. CONSTRUCT SIDEWALKS.
4. INSTALL APPROPRIATE INLET PROTECTION DEVICES FOR PAVED AREAS AS WORK PROGRESSES.
5. COMPLETE GRADING AND INSTALLATION OF PERMANENT STABILIZATION OVER ALL NON-PAVED AREAS.

CITY OF LITTLE ROCK, ARKANSAS
KANIS ROAD IMPROVEMENTS
EROSION CONTROL PH III SHEET 2

DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201



DRAWN BY TH
DESIGNED TDF
CHECKED BAP
DATE 09-02-2021
SCALE H: 1"=20'
PROJECT NO. 06-17-222B
SHEET NO. C23



100% SUBMITTAL

REVISIONS	DATE

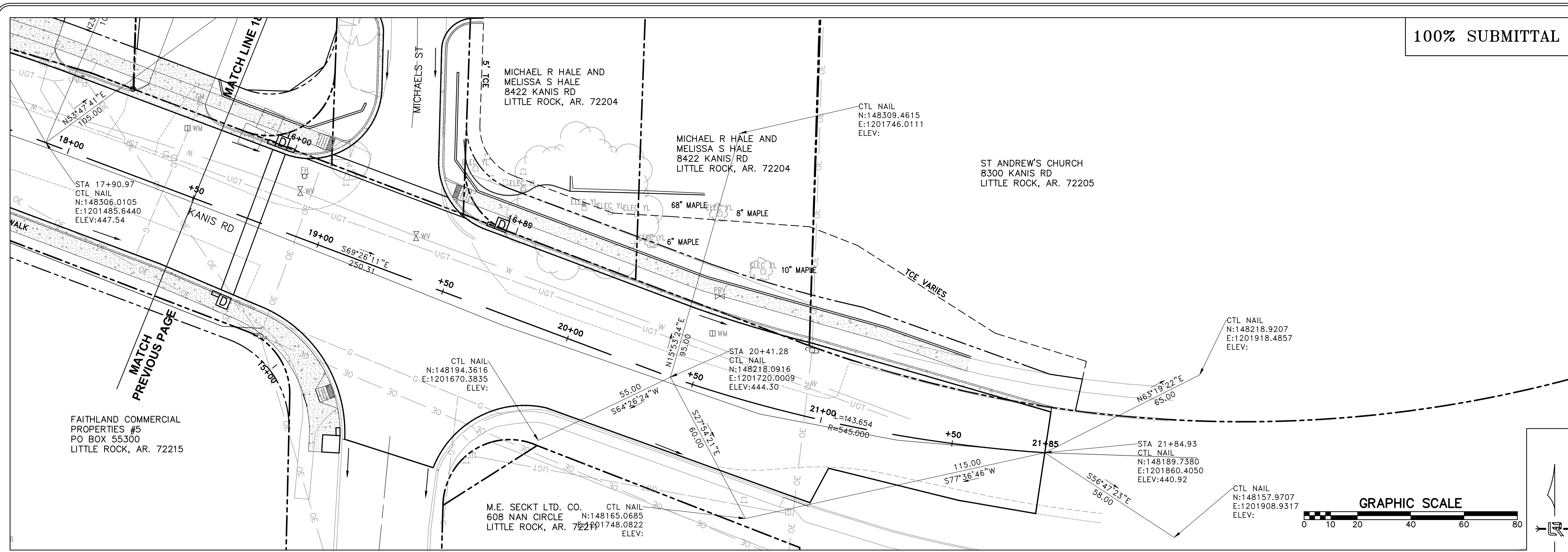
CITY OF LITTLE ROCK, ARKANSAS
 KANIS ROAD IMPROVEMENTS
 CENTERLINE TIES SHEET 1

DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201



DRAWN BY
 TH
 DESIGNED
 TDF
 CHECKED
 BAP
 DATE
 09-02-2021
 SCALE
 H: 1"=20'
 PROJECT NO.
 06-17-222B
 SHEET NO.
 C24

100% SUBMITTAL



REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 KANIS ROAD IMPROVEMENTS
 CENTERLINE TIES SHEET 2

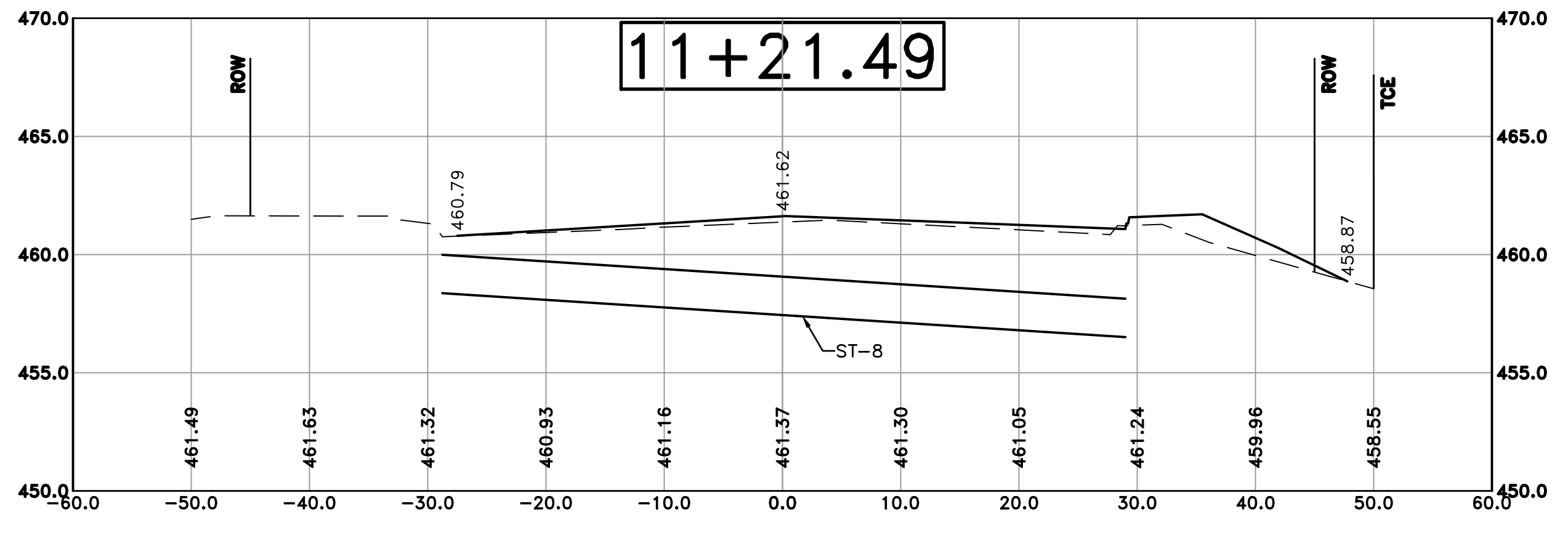
DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201



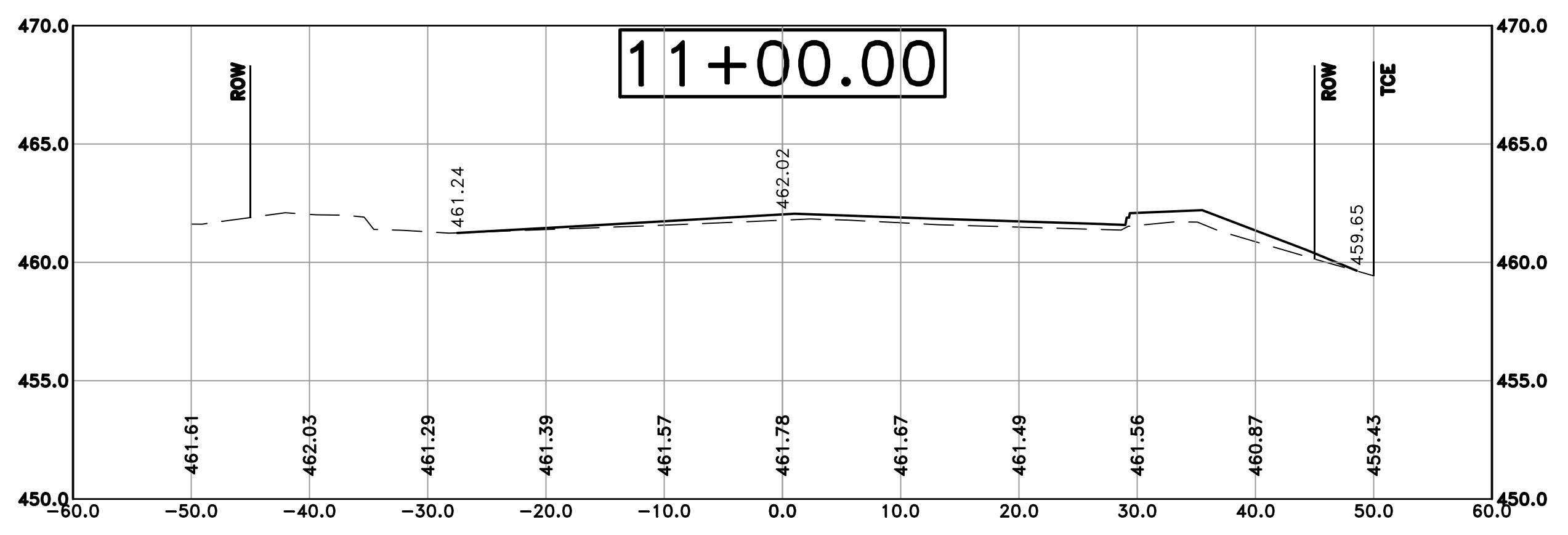
DRAWN BY	TH
DESIGNED	TDF
CHECKED	BAP
DATE	09-02-2021
SCALE	H: 1"=20'
PROJECT NO.	06-17-222B
SHEET NO.	C25

100% SUBMITTAL

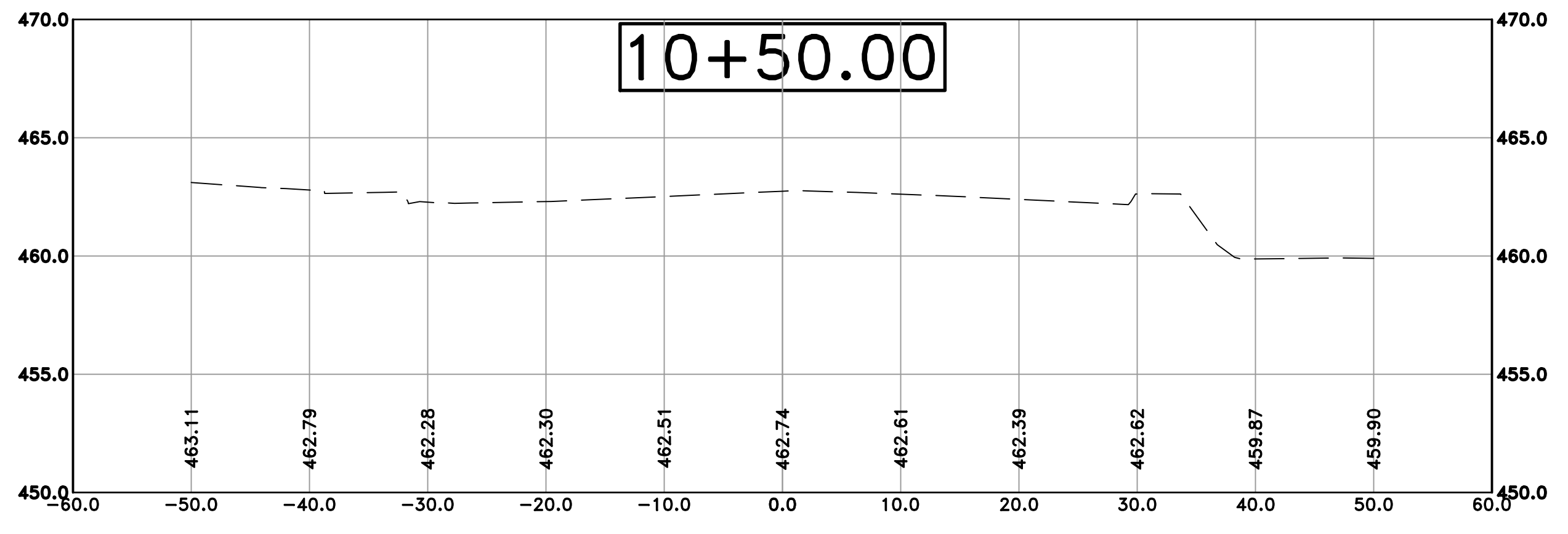
REVISIONS	DATE



Cut Area 2.95 ft2
 Fill Area 7.57 ft2
 Cut Vol 1.90 yds
 Fill Vol 4.92 yds



Cut Area 1.81 ft2
 Fill Area 4.78 ft2
 Cut Vol 1.65 yds
 Fill Vol 4.33 yds



Cut Area 0.00 ft2
 Fill Area 0.00 ft2
 Cut Vol 0.00 yds
 Fill Vol 0.00 yds

CITY OF LITTLE ROCK, ARKANSAS
 KANIS ROAD IMPROVEMENTS
 CROSS SECTION SHEET 1

DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201



DRAWN BY TH
 DESIGNED TDF
 CHECKED BAP
 DATE 09-02-2021
 SCALE V: 1"=5'
 PROJECT NO. 06-17-222B
 SHEET NO. C26

100% SUBMITTAL

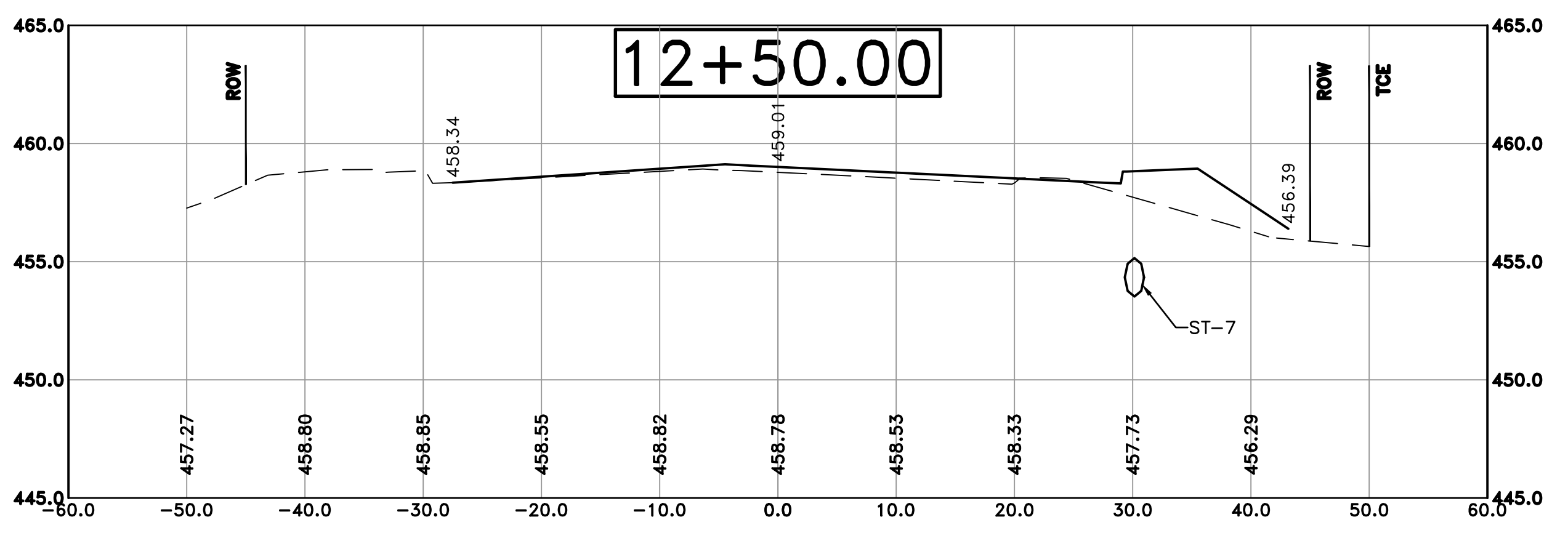
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 KANIS ROAD IMPROVEMENTS
 CROSS SECTION SHEET 2

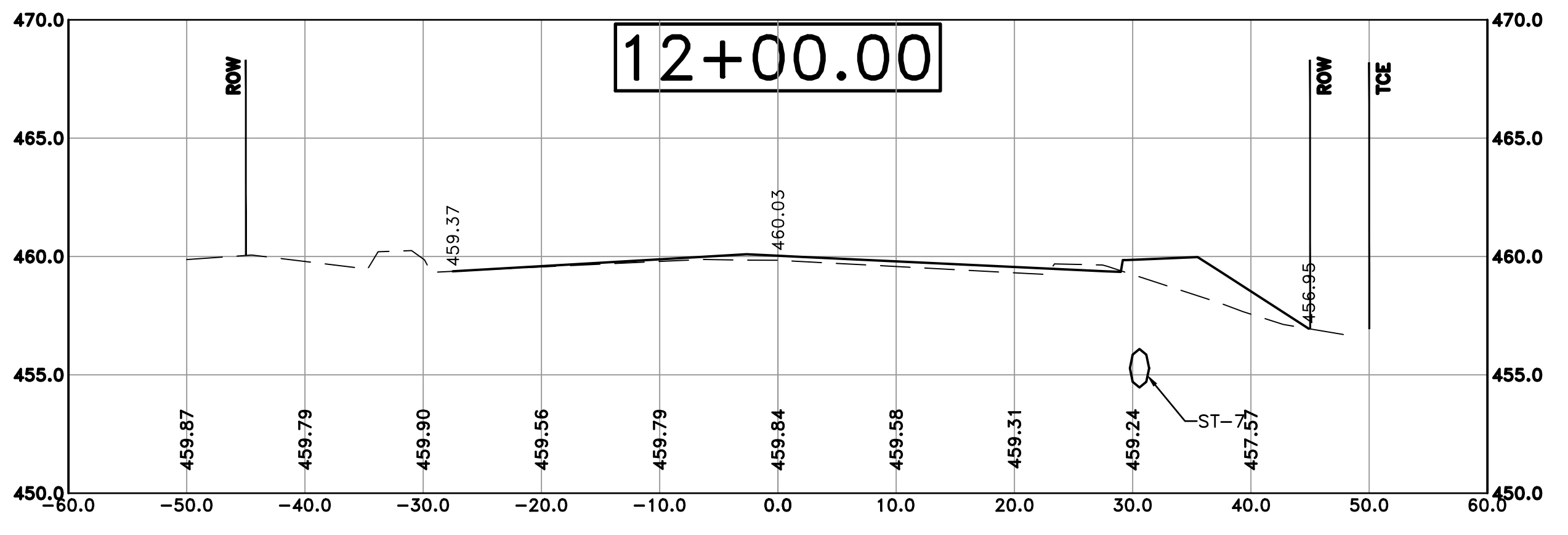
DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201



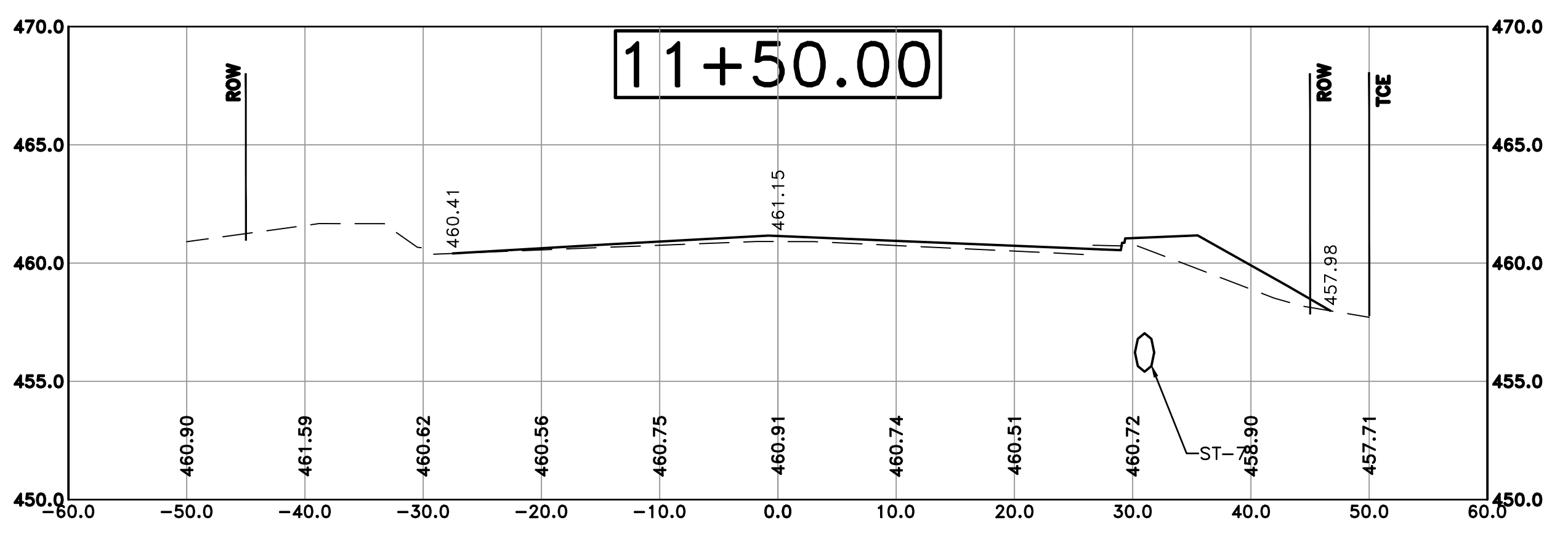
DRAWN BY
 TH
 DESIGNED
 TDF
 CHECKED
 BAP
 DATE
 09-02-2021
 SCALE
 H: 1"=10'
 V: 1"=5'
 PROJECT NO.
 06-17-222B
 SHEET NO.
 C27



Cut Area 17.27 ft²
 Fill Area 13.63 ft²
 Cut Vol 28.06 yds
 Fill Vol 22.78 yds



Cut Area 13.04 ft²
 Fill Area 10.97 ft²
 Cut Vol 17.90 yds
 Fill Vol 20.14 yds



Cut Area 6.30 ft²
 Fill Area 10.78 ft²
 Cut Vol 4.88 yds
 Fill Vol 9.69 yds

100% SUBMITTAL

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 KANIS ROAD IMPROVEMENTS
 CROSS SECTION SHEET 3

DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201



DRAWN BY
TH

DESIGNED
TDF

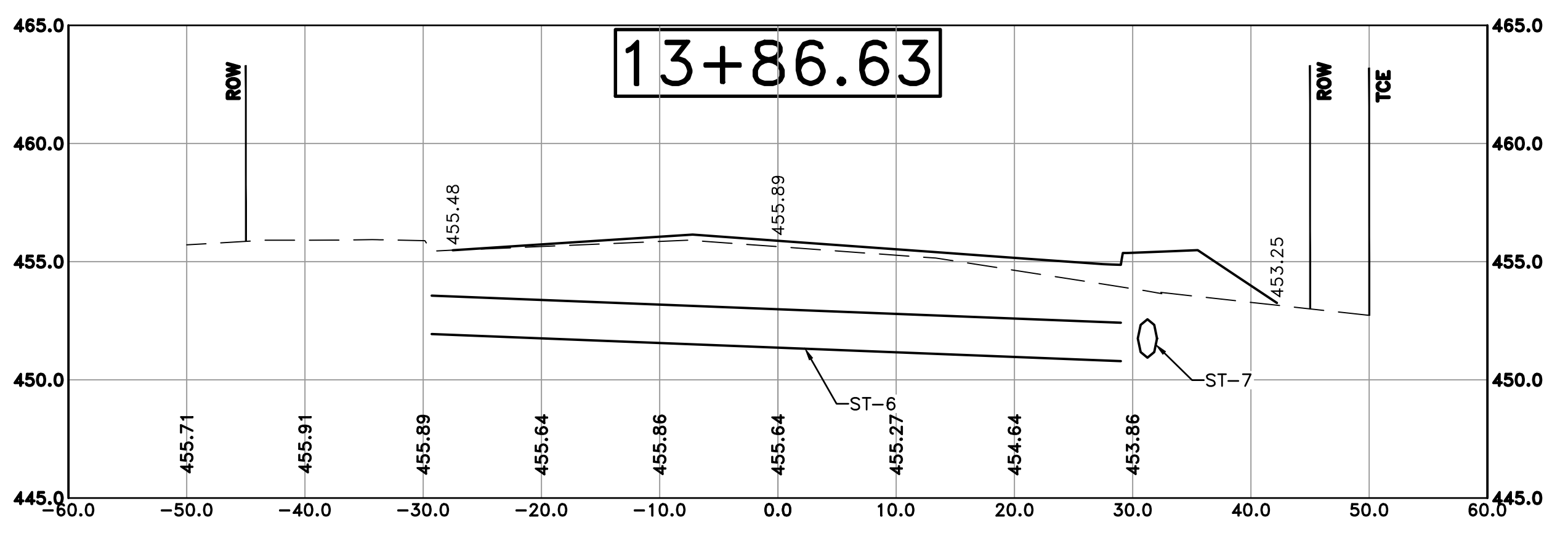
CHECKED
BAP

DATE
09-02-2021

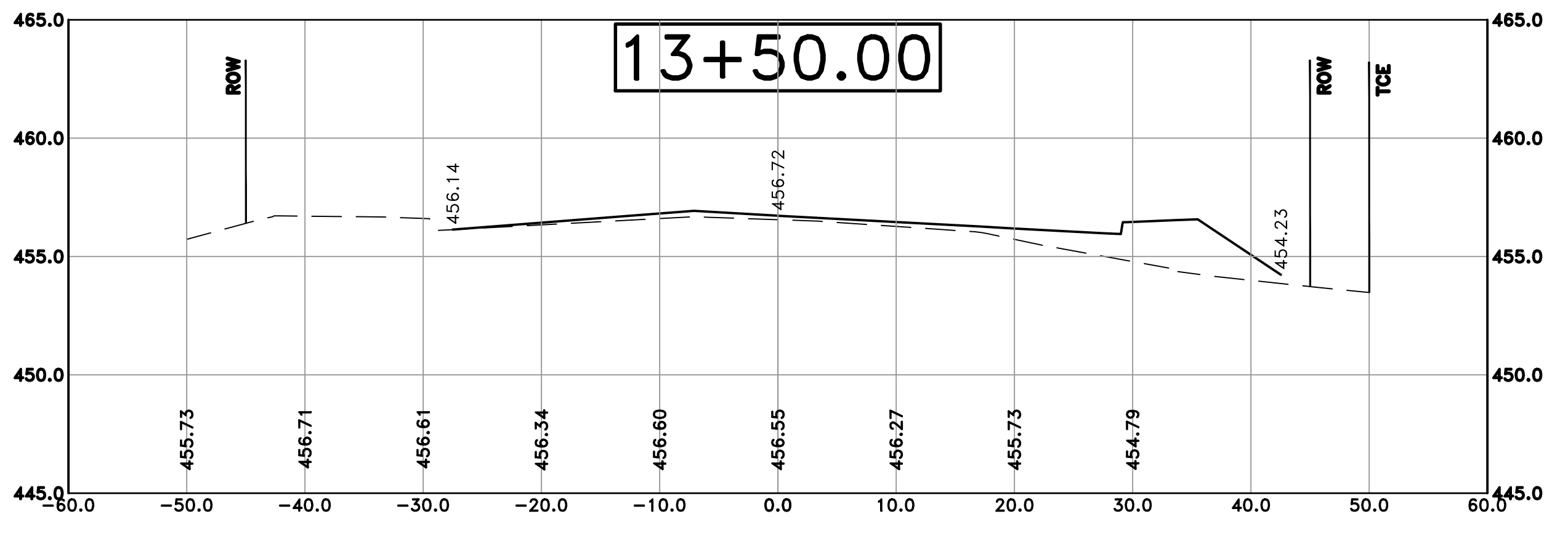
SCALE
H: 1"=10'
V: 1"=5'

PROJECT NO.
06-17-222B

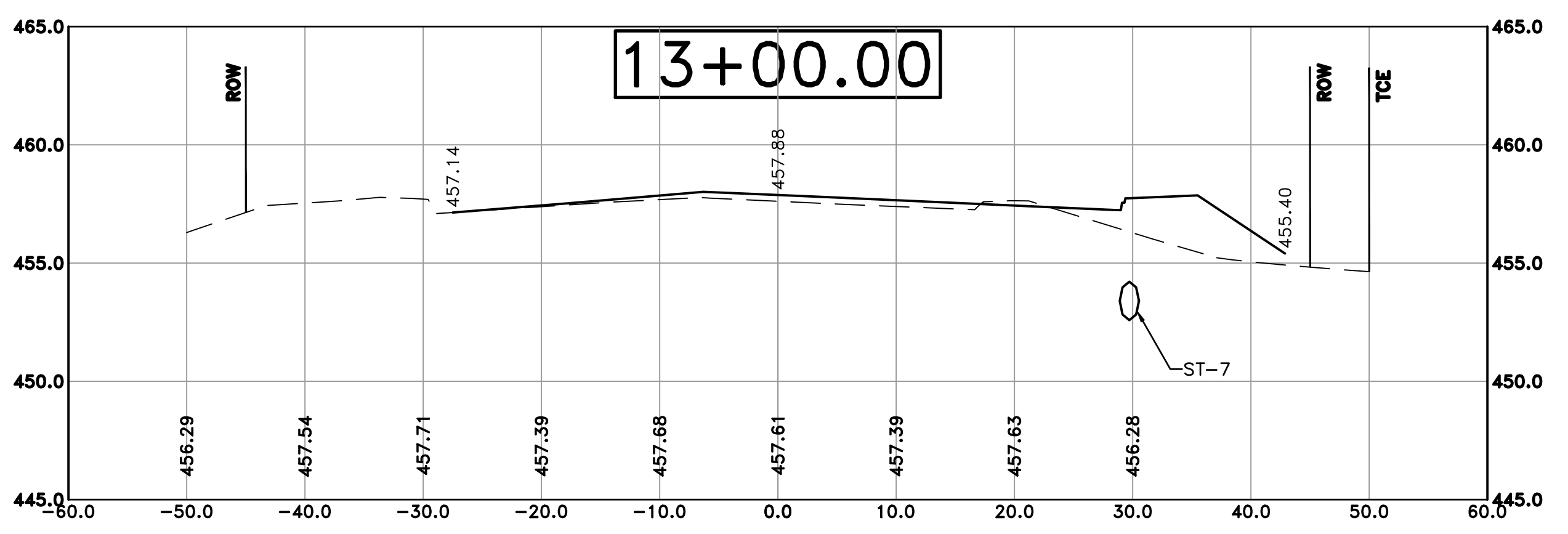
SHEET NO.
C28



Cut Area 21.95 ft2
 Fill Area 2.84 ft2
 Cut Vol 25.17 yds
 Fill Vol 4.75 yds



Cut Area 15.15 ft2
 Fill Area 4.16 ft2
 Cut Vol 35.43 yds
 Fill Vol 11.97 yds



Cut Area 22.57 ft2
 Fill Area 8.49 ft2
 Cut Vol 36.89 yds
 Fill Vol 20.48 yds

100% SUBMITTAL

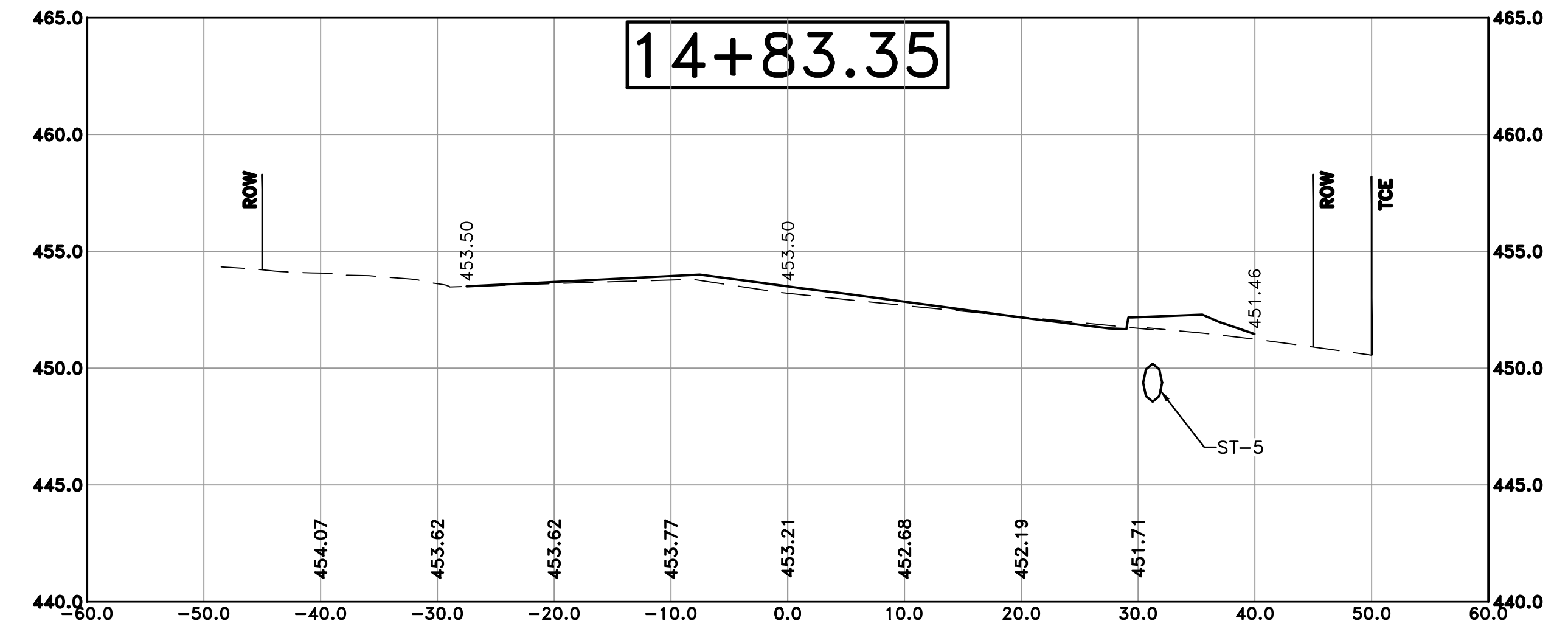
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 KANIS ROAD IMPROVEMENTS
 CROSS SECTION SHEET 4

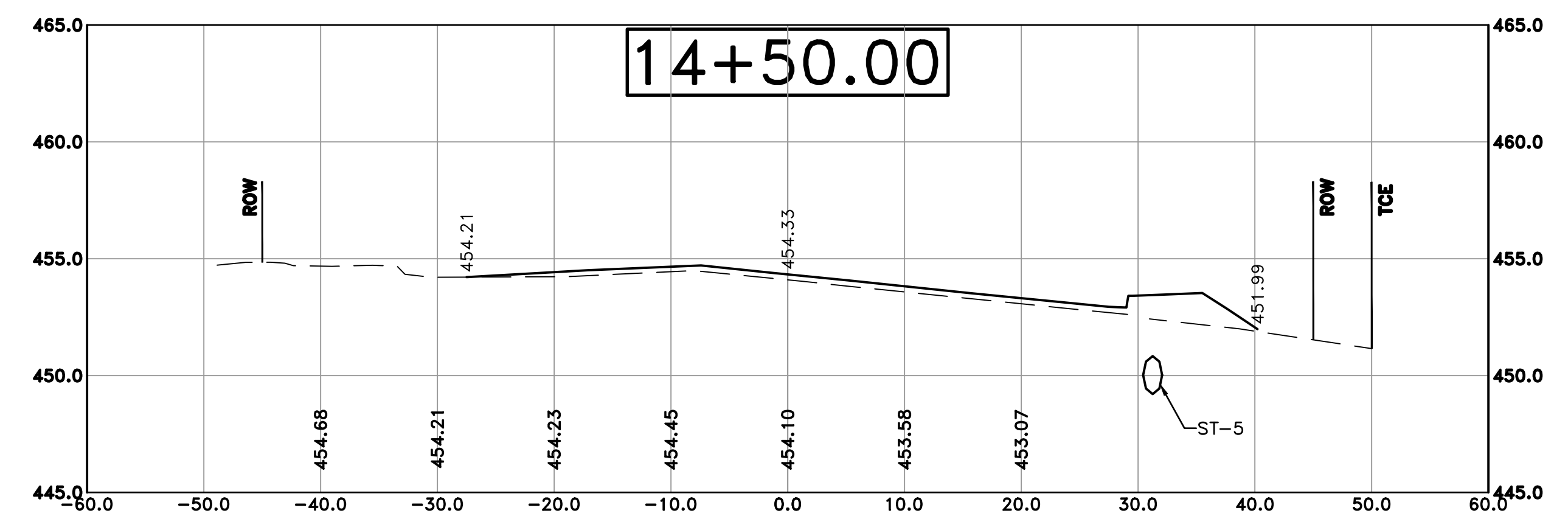
DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201



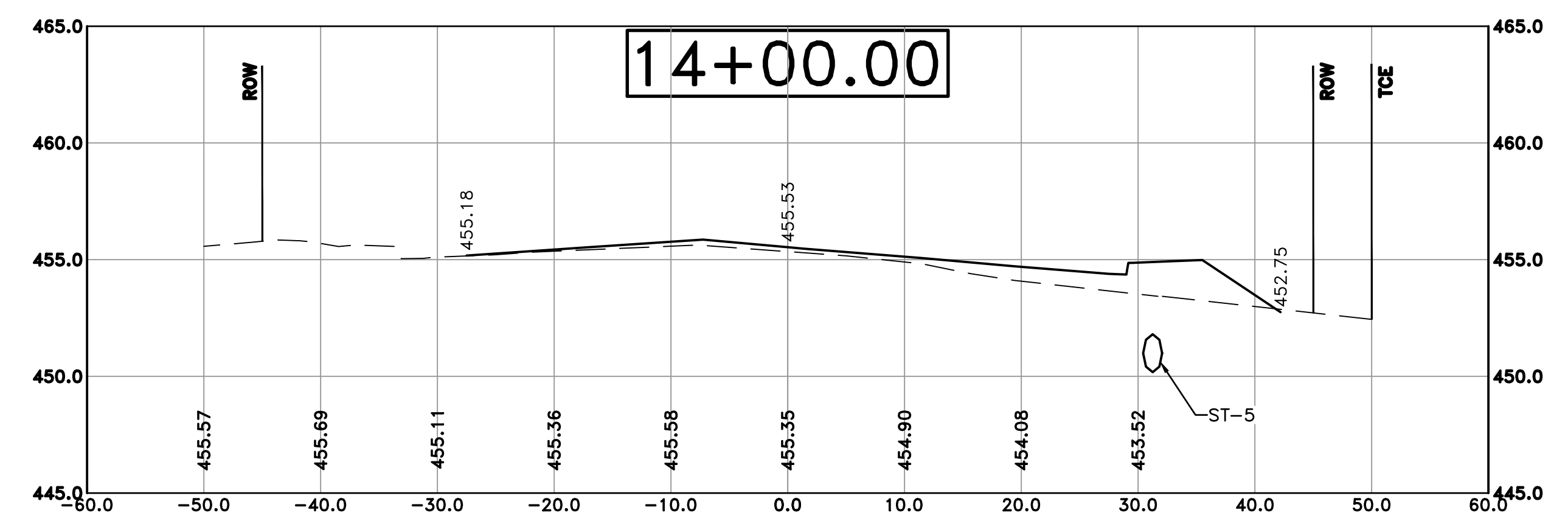
DRAWN BY
 TH
DESIGNED
 TDF
CHECKED
 BAP
DATE
 09-02-2021
SCALE
 H: 1"=20'
 V: 1"=5'
PROJECT NO.
 06-17-222B
SHEET NO.
 C29



Cut Area 48.72 ft2
 Fill Area 0.00 ft2
 Cut Vol 56.14 yds
 Fill Vol 0.00 yds



Cut Area 42.18 ft2
 Fill Area 0.00 ft2
 Cut Vol 62.02 yds
 Fill Vol 1.49 yds



Cut Area 24.81 ft2
 Fill Area 1.61 ft2
 Cut Vol 11.58 yds
 Fill Vol 1.10 yds

100% SUBMITTAL

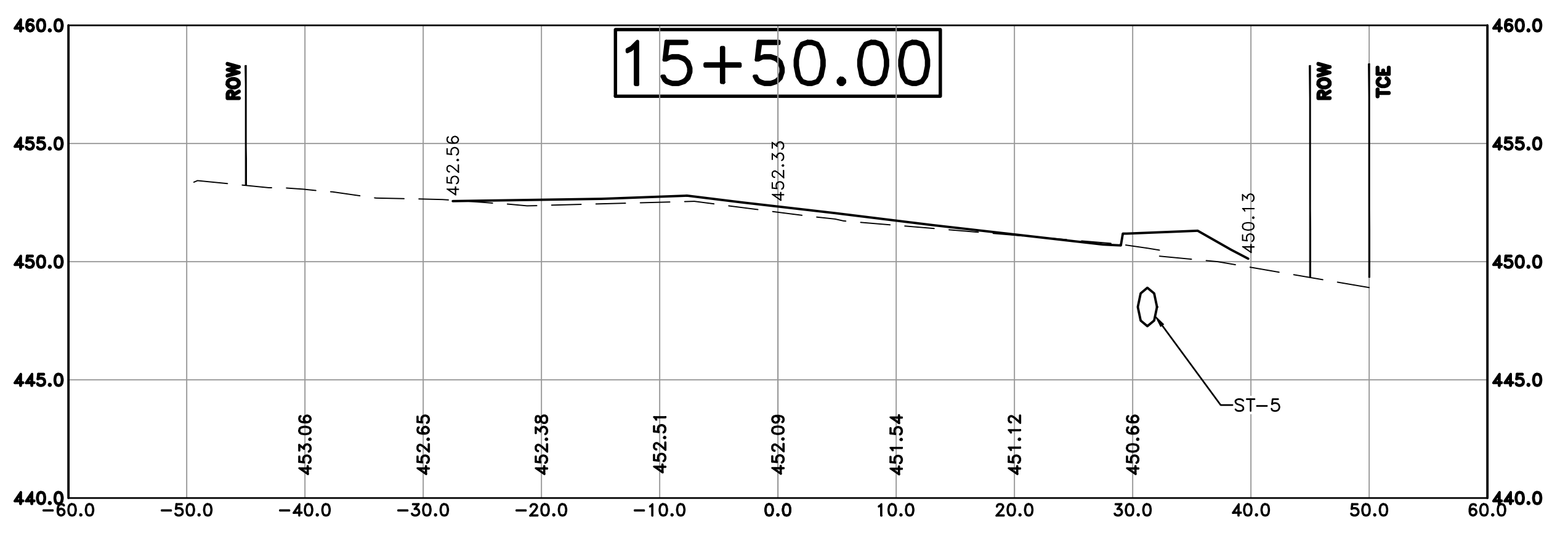
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 KANIS ROAD IMPROVEMENTS
 CROSS SECTION SHEET 5

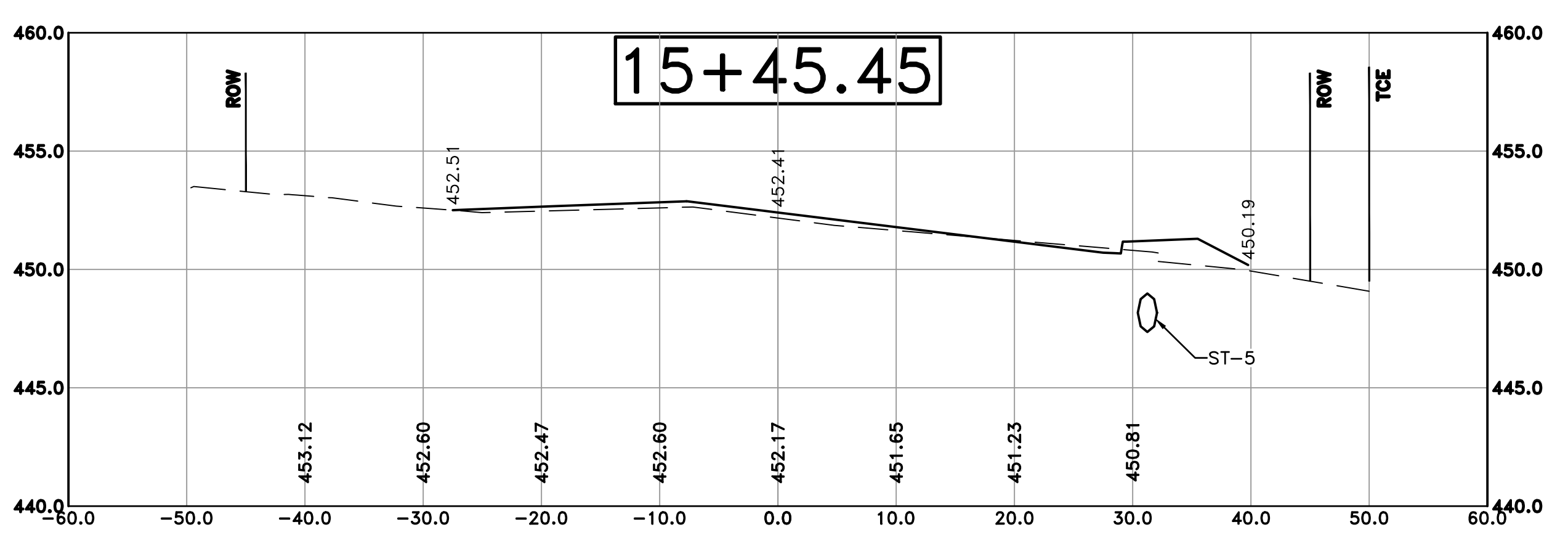
DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201



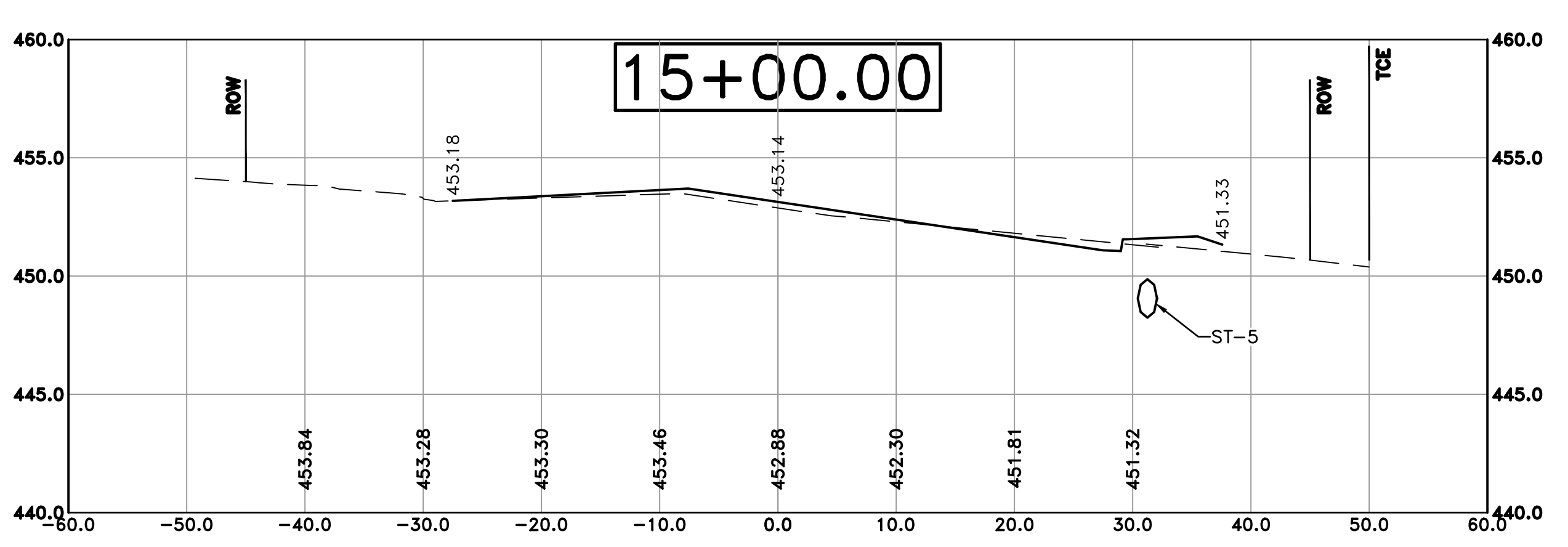
DRAWN BY
 TH
DESIGNED
 TDF
CHECKED
 BAP
DATE
 09-02-2021
SCALE
 H: 1"=10'
 V: 1"=5'
PROJECT NO.
 06-17-222B
SHEET NO.
 C30



Cut Area 47.29 ft2
 Fill Area 0.04 ft2
 Cut Vol 8.18 yds
 Fill Vol 0.00 yds



Cut Area 49.85 ft2
 Fill Area 0.00 ft2
 Cut Vol 86.47 yds
 Fill Vol 0.00 yds



Cut Area 52.88 ft2
 Fill Area 0.00 ft2
 Cut Vol 31.33 yds
 Fill Vol 0.00 yds

100% SUBMITTAL

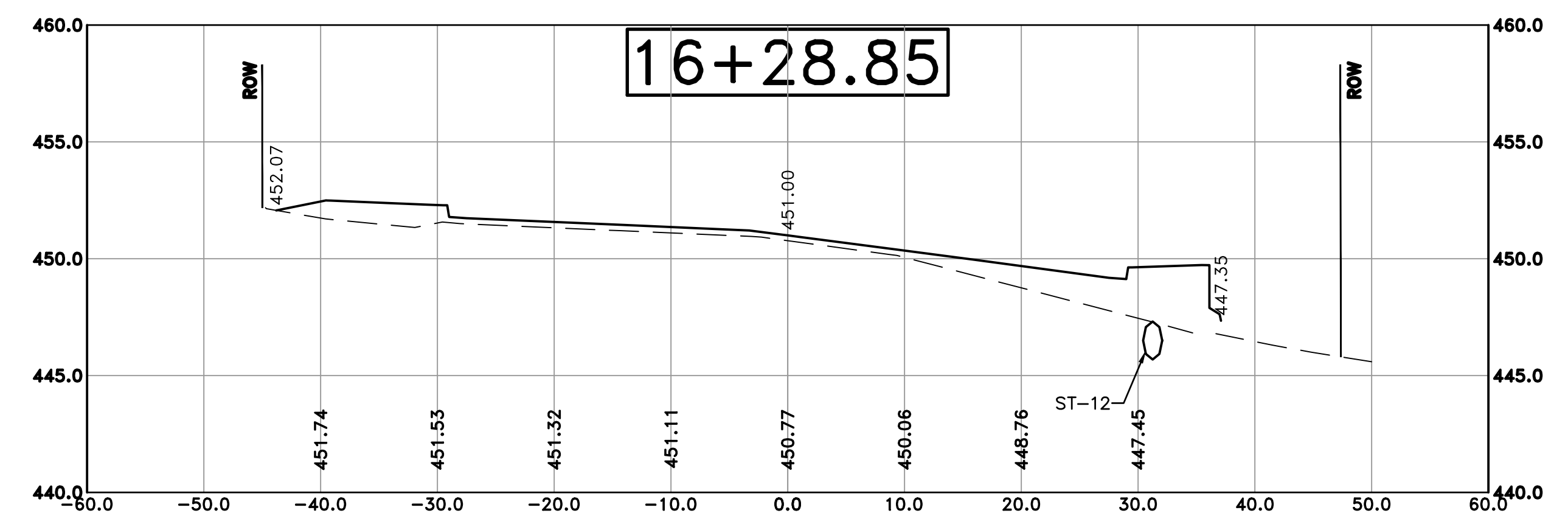
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 KANIS ROAD IMPROVEMENTS
 CROSS SECTION SHEET 6

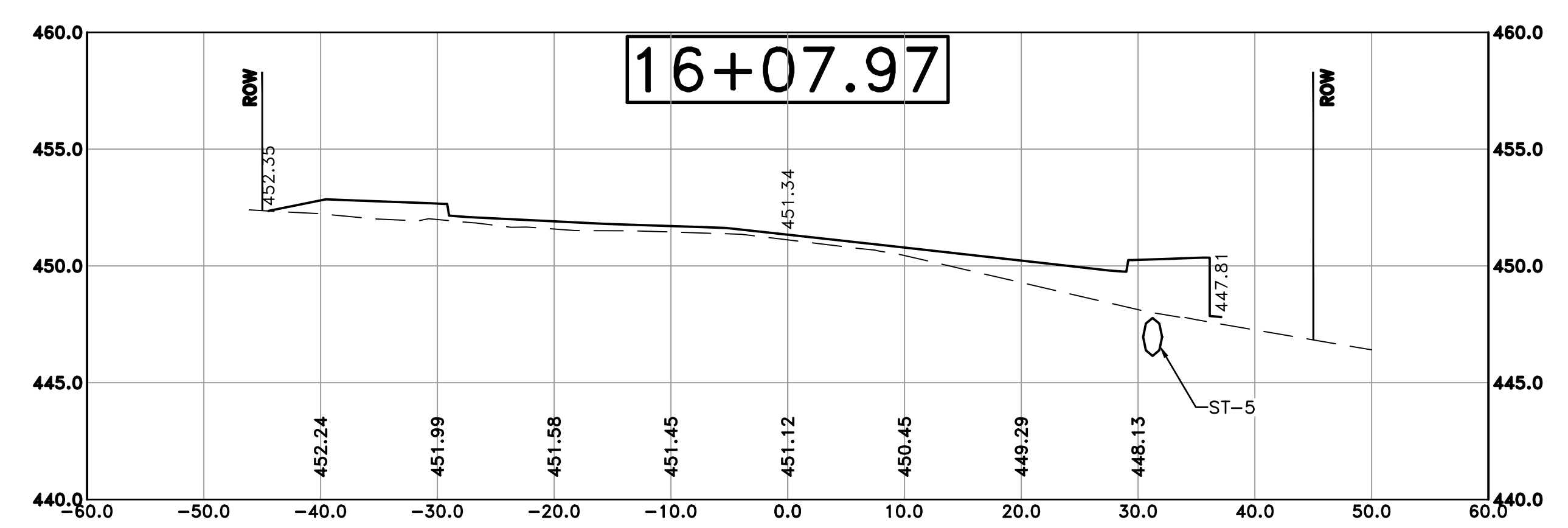
DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201



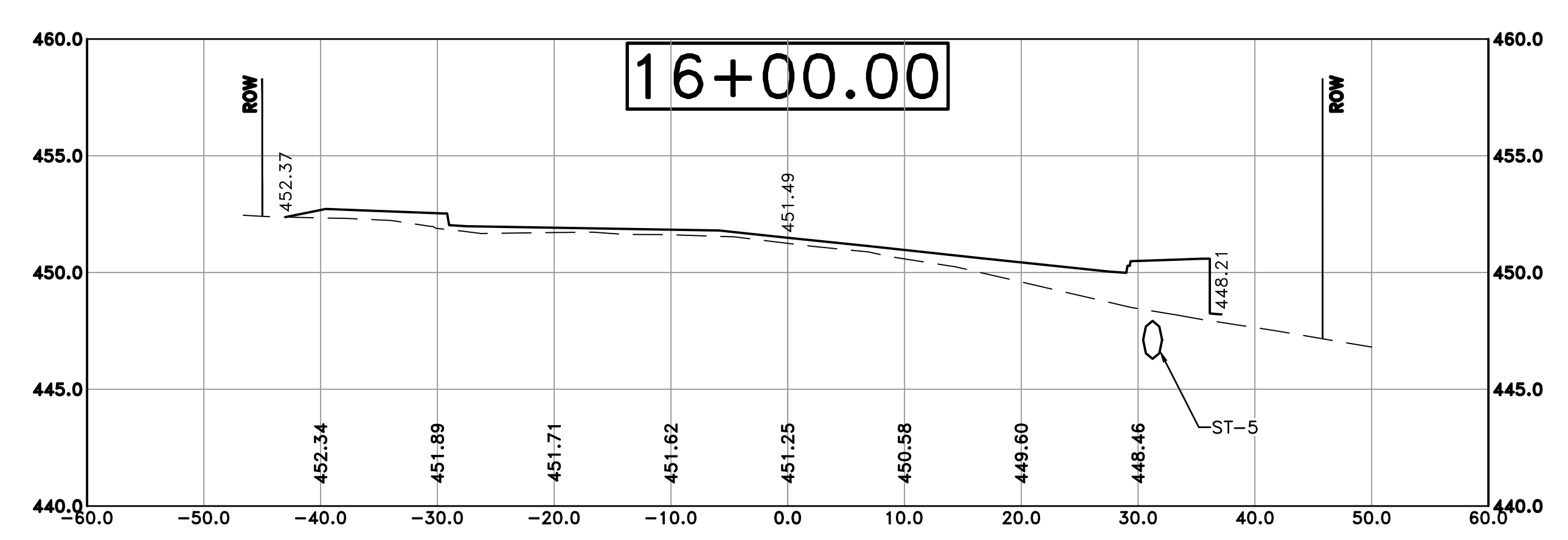
DRAWN BY
 TH
DESIGNED
 TDF
CHECKED
 BAP
DATE
 09-02-2021
SCALE
 H: 1"=10'
 V: 1"=5'
PROJECT NO.
 06-17-222B
SHEET NO.
 C31



Cut Area 49.62 ft2
 Fill Area 15.07 ft2
 Cut Vol 30.74 yds
 Fill Vol 10.57 yds



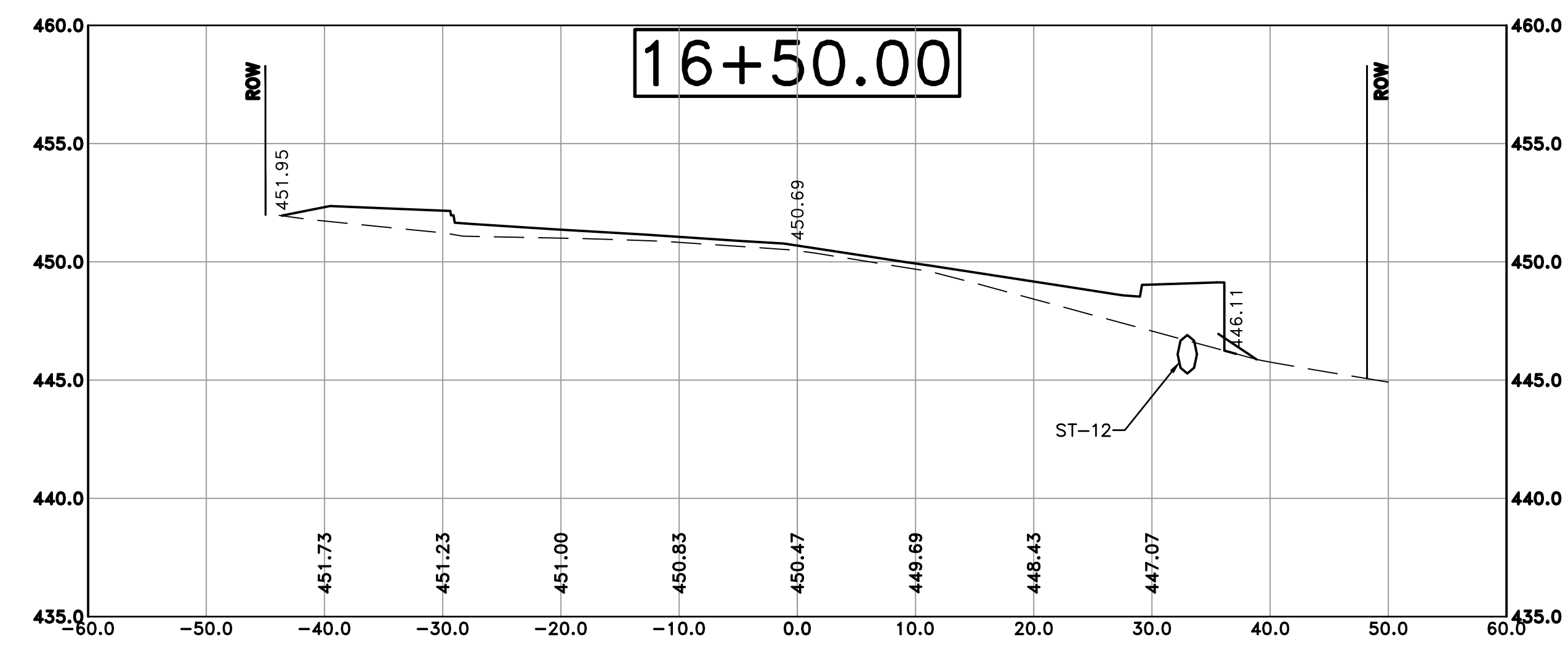
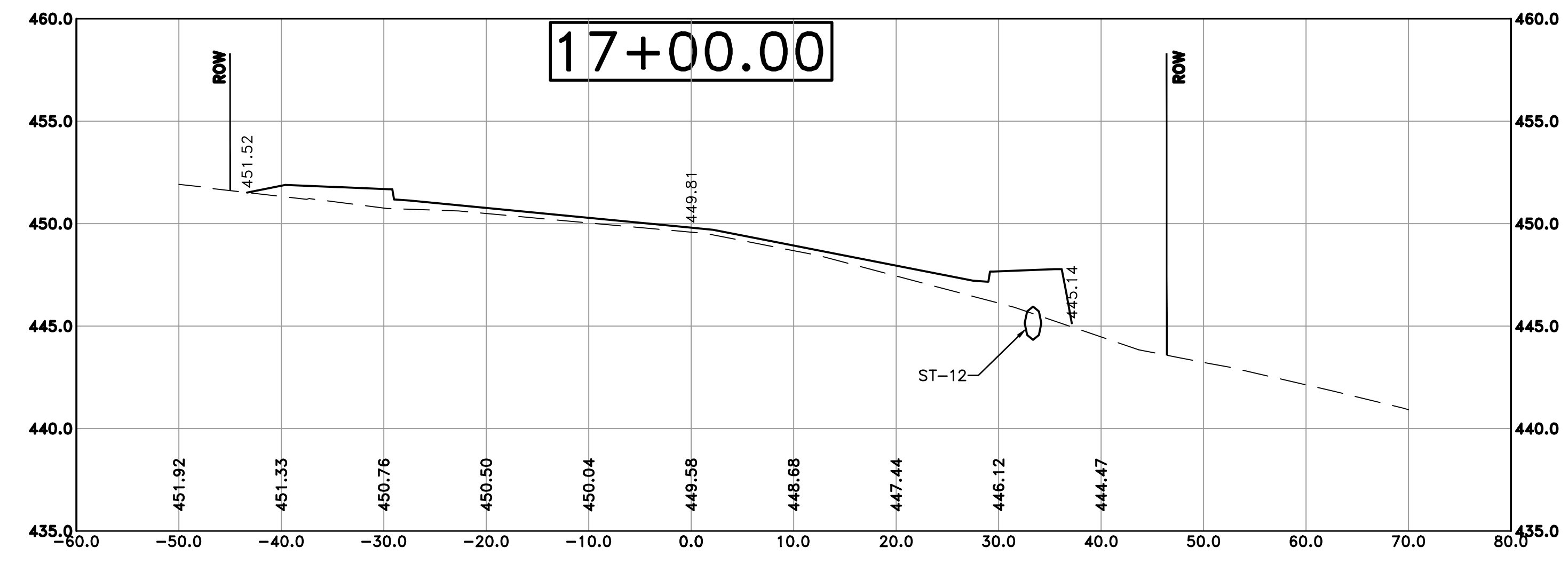
Cut Area 29.88 ft2
 Fill Area 12.26 ft2
 Cut Vol 9.13 yds
 Fill Vol 3.14 yds



Cut Area 31.96 ft2
 Fill Area 9.05 ft2
 Cut Vol 73.38 yds
 Fill Vol 8.41 yds

100% SUBMITTAL

REVISIONS	DATE

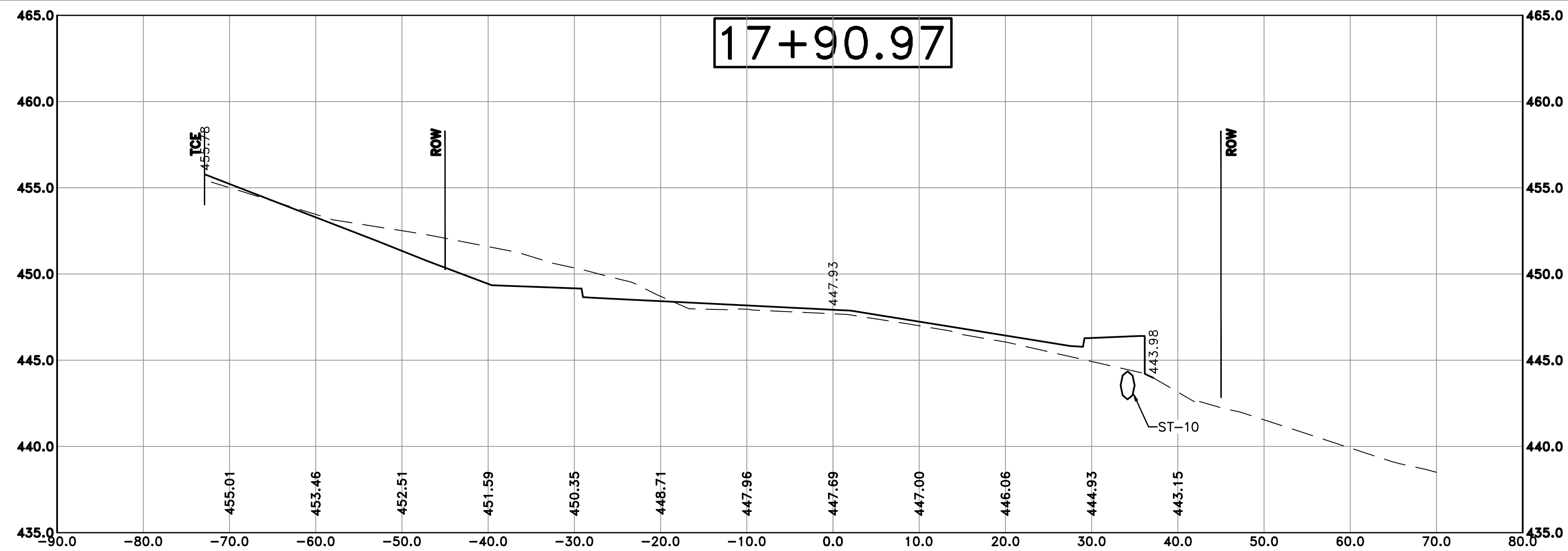


CITY OF LITTLE ROCK, ARKANSAS
 KANIS ROAD IMPROVEMENTS
 CROSS SECTION SHEET 7

DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201

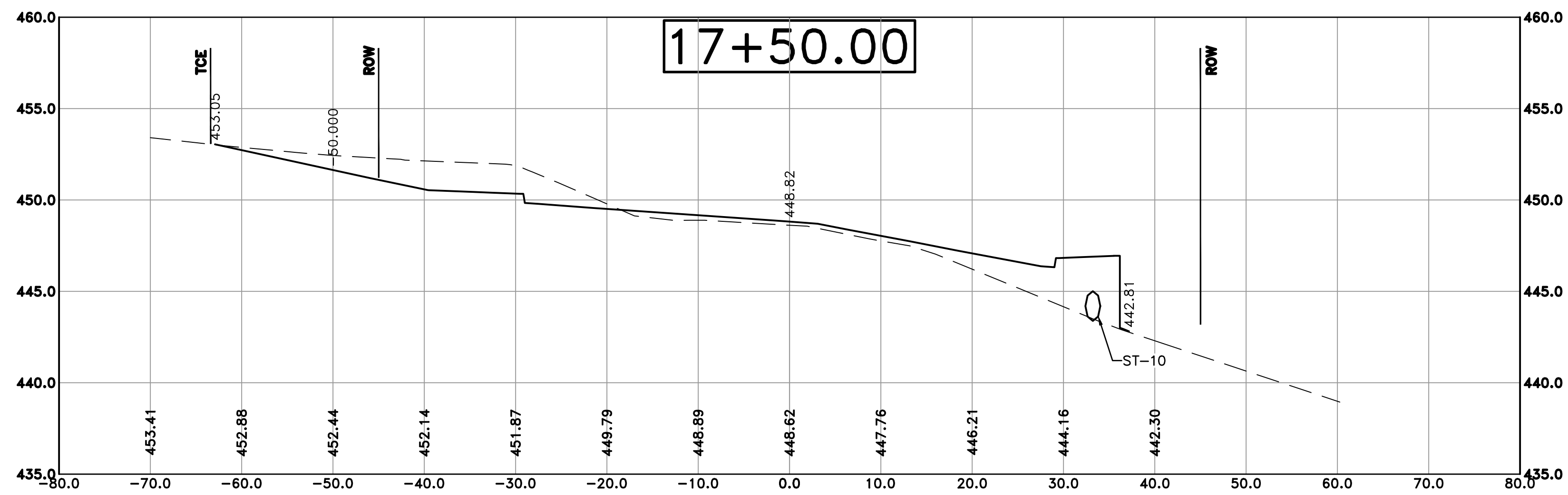


DRAWN BY	TH
DESIGNED	TDF
CHECKED	BAP
DATE	09-02-2021
SCALE	H: 1"=10' V: 1"=5'
PROJECT NO.	06-17-222B
SHEET NO.	C32

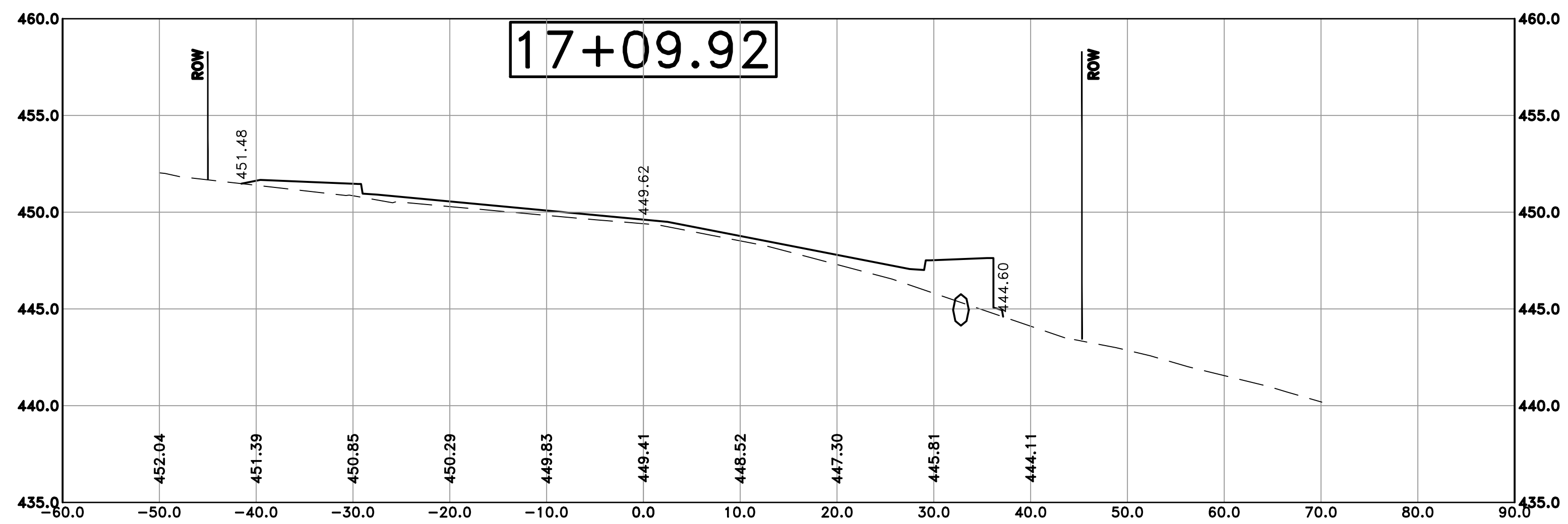


Cut Area 125.58 ft²
 Fill Area 5.12 ft²
 Cut Vol 184.96 yds
 Fill Vol 12.39 yds

100% SUBMITTAL



Cut Area 108.42 ft²
 Fill Area 12.20 ft²
 Cut Vol 131.95 yds
 Fill Vol 14.37 yds



Cut Area 64.84 ft²
 Fill Area 8.30 ft²
 Cut Vol 23.47 yds
 Fill Vol 3.25 yds

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 KANIS ROAD IMPROVEMENTS
 CROSS SECTION SHEET 8

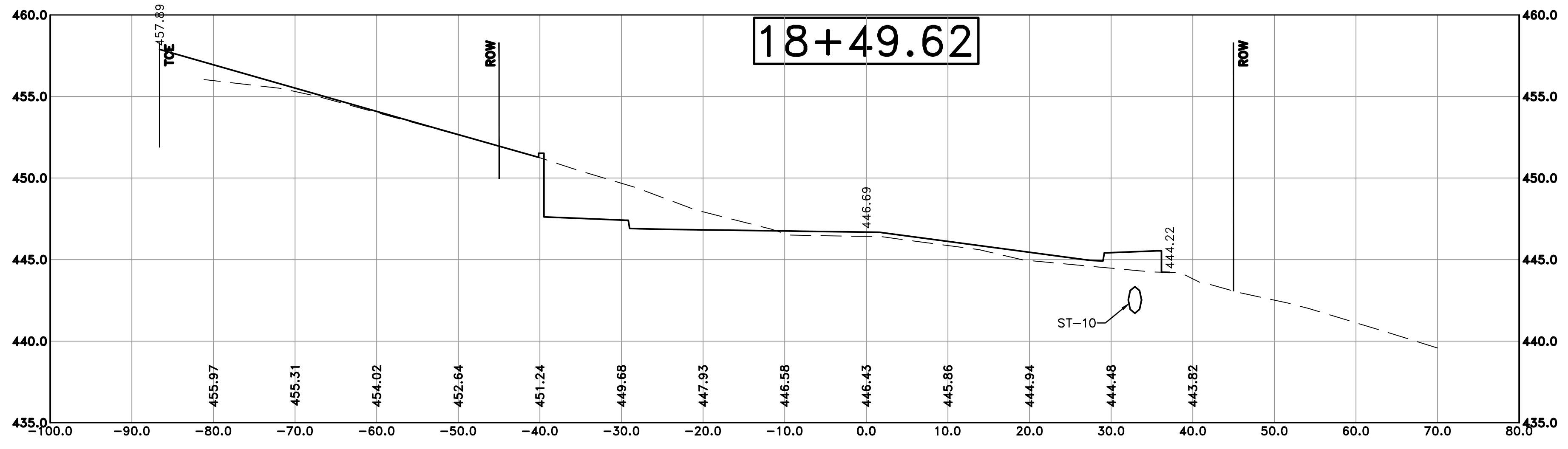
DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201



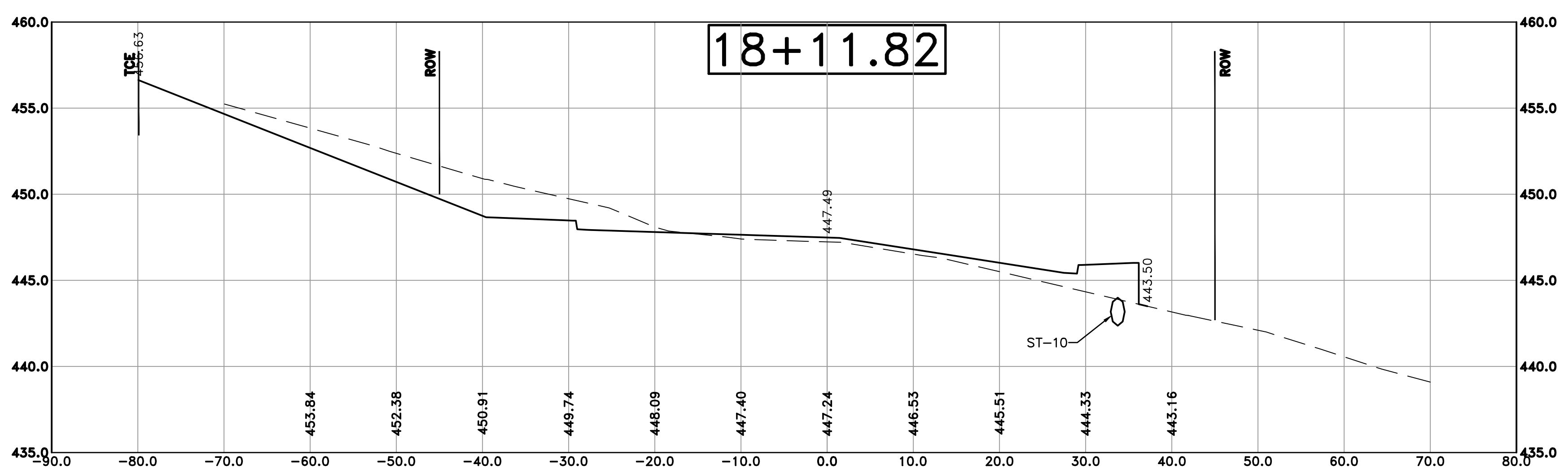
DRAWN BY TH
 DESIGNED TDF
 CHECKED BAP
 DATE 09-02-2021
 SCALE H: 1"=10'
 V: 1"=5'
 PROJECT NO. 06-17-222B
 SHEET NO. C33

100% SUBMITTAL

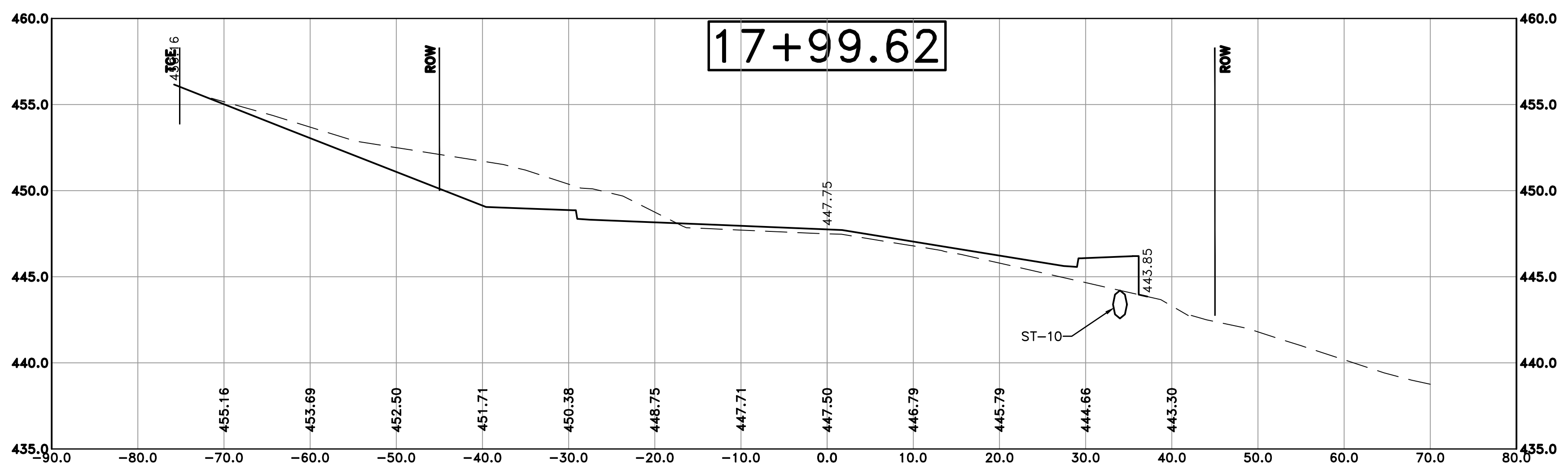
REVISIONS	DATE



Cut Area 142.55 ft²
 Fill Area 10.28 ft²
 Cut Vol 198.96 yds
 Fill Vol 10.66 yds



Cut Area 141.65 ft²
 Fill Area 4.94 ft²
 Cut Vol 64.09 yds
 Fill Vol 2.09 yds



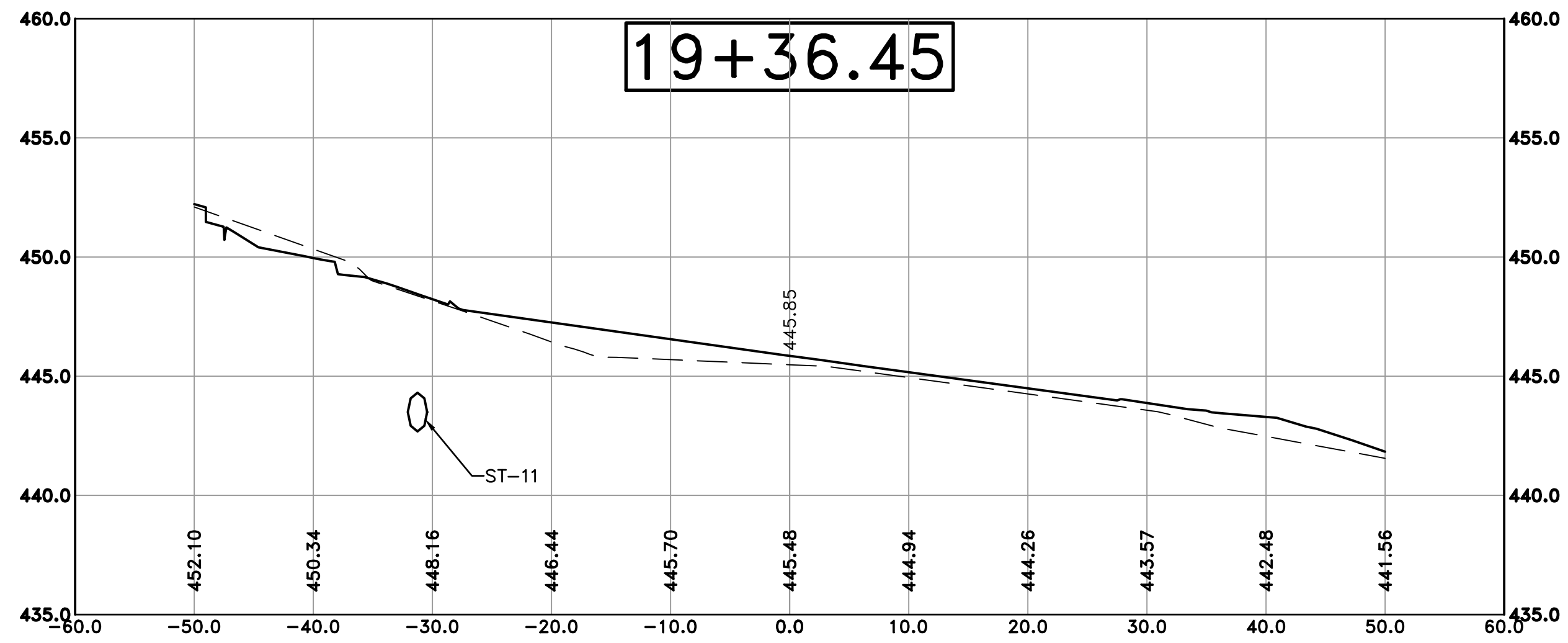
Cut Area 142.15 ft²
 Fill Area 4.29 ft²
 Cut Vol 42.89 yds
 Fill Vol 1.51 yds

CITY OF LITTLE ROCK, ARKANSAS
 KANIS ROAD IMPROVEMENTS
 CROSS SECTION SHEET 9

DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201

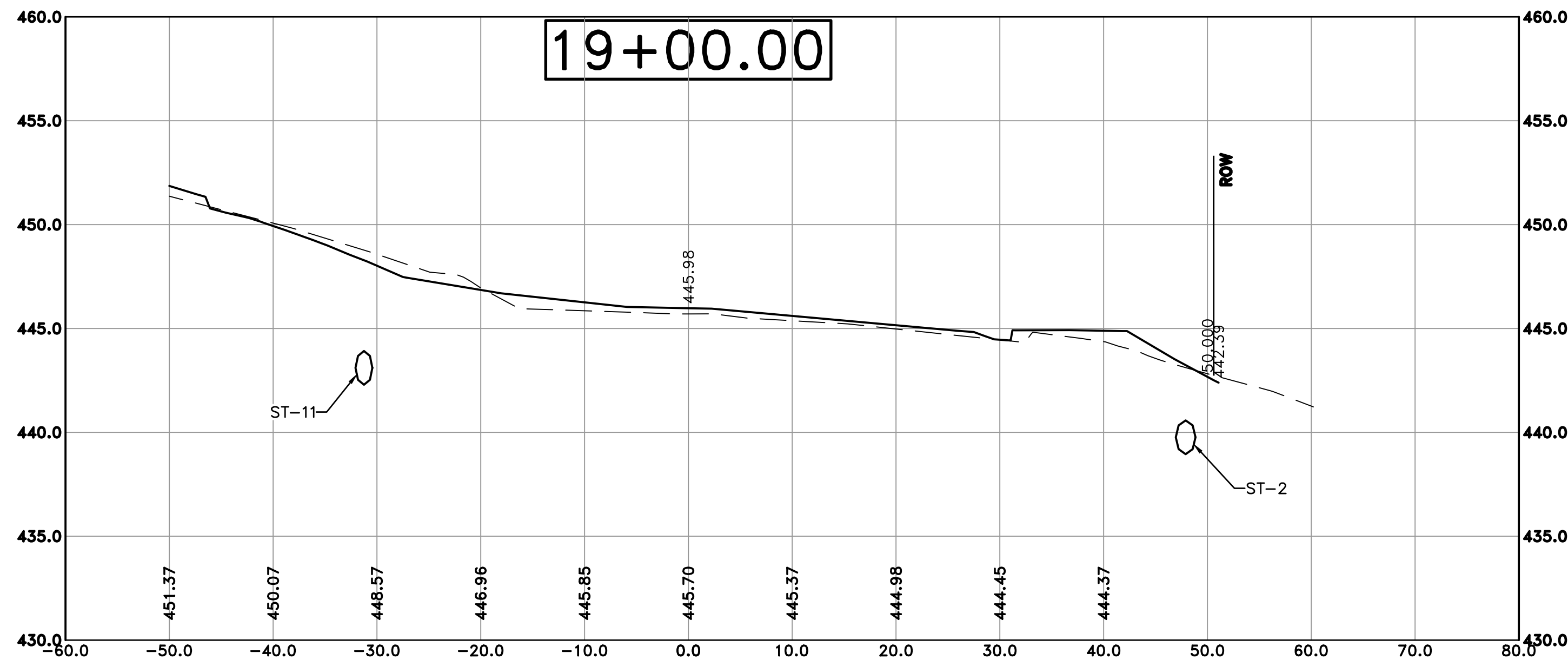


DRAWN BY TH
 DESIGNED TDF
 CHECKED BAP
 DATE 09-02-2021
 SCALE H: 1"=10'
 V: 1"=5'
 PROJECT NO. 06-17-222B
 SHEET NO. C34

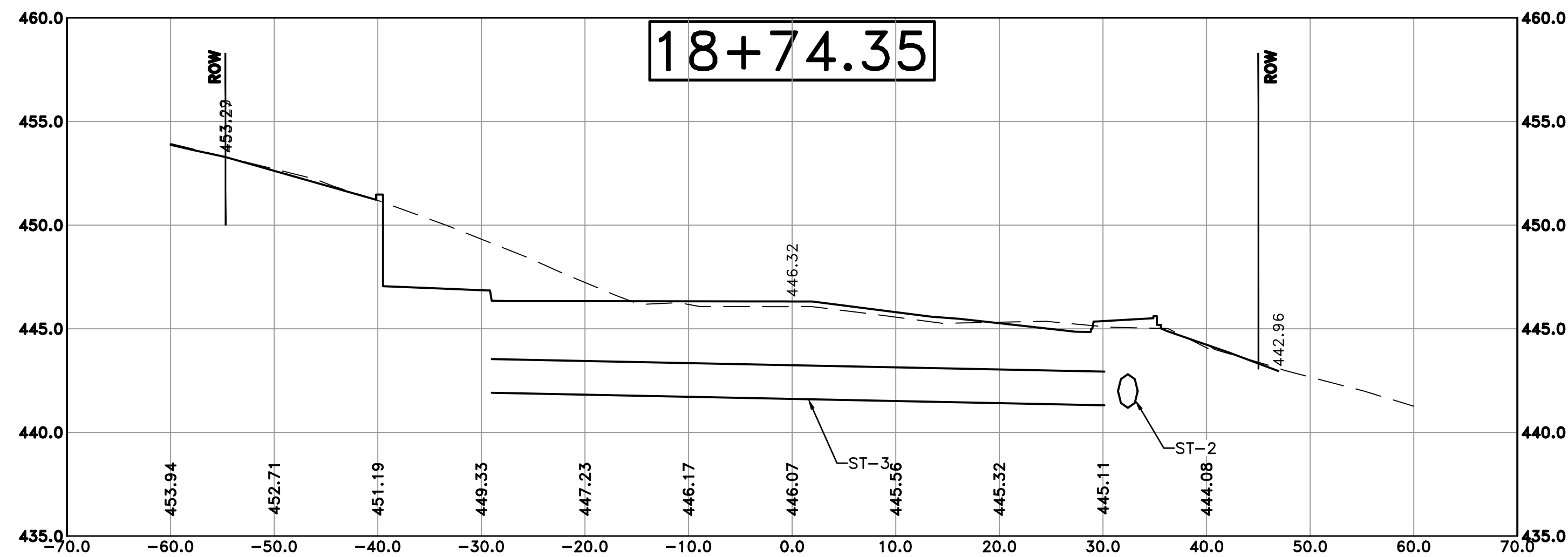


Cut Area 22.28 ft²
 Fill Area 0.00 ft²
 Cut Vol 11.44 yds
 Fill Vol 0.01 yds

100% SUBMITTAL



Cut Area 50.38 ft²
 Fill Area 3.62 ft²
 Cut Vol 95.69 yds
 Fill Vol 1.86 yds



Cut Area 151.07 ft²
 Fill Area 0.30 ft²
 Cut Vol 134.44 yds
 Fill Vol 4.84 yds

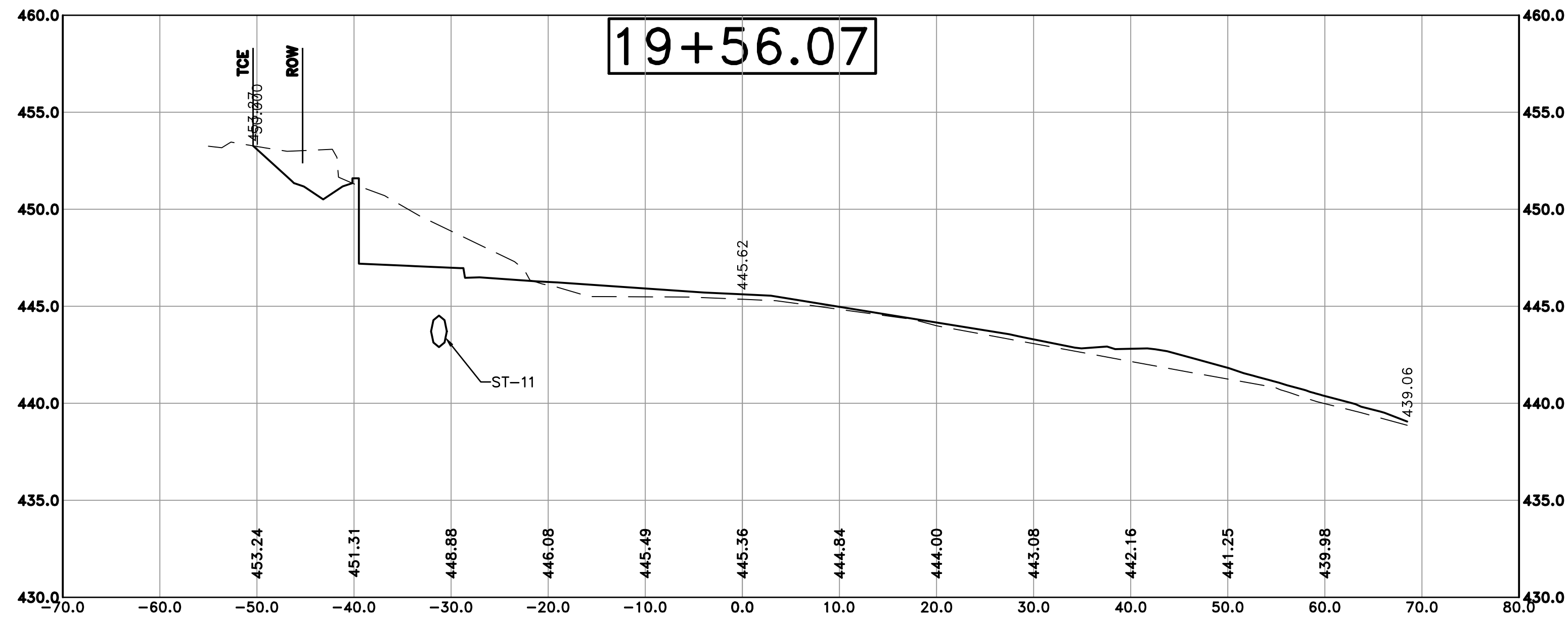
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 KANIS ROAD IMPROVEMENTS
 CROSS SECTION SHEET 10

DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201



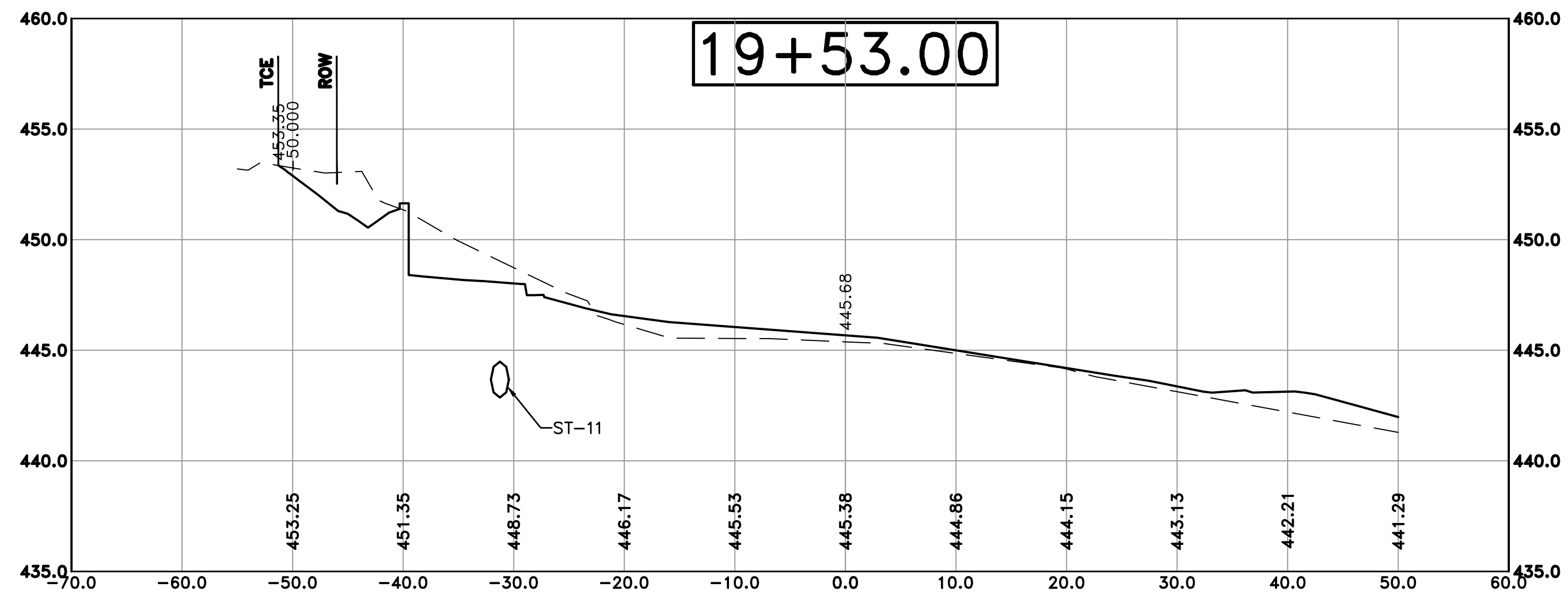
DRAWN BY TH
 DESIGNED TDF
 CHECKED BAP
 DATE 09-02-2021
 SCALE H: 1"=10'
 V: 1"=5'
 PROJECT NO. 06-17-222B
 SHEET NO. C35



100% SUBMITTAL

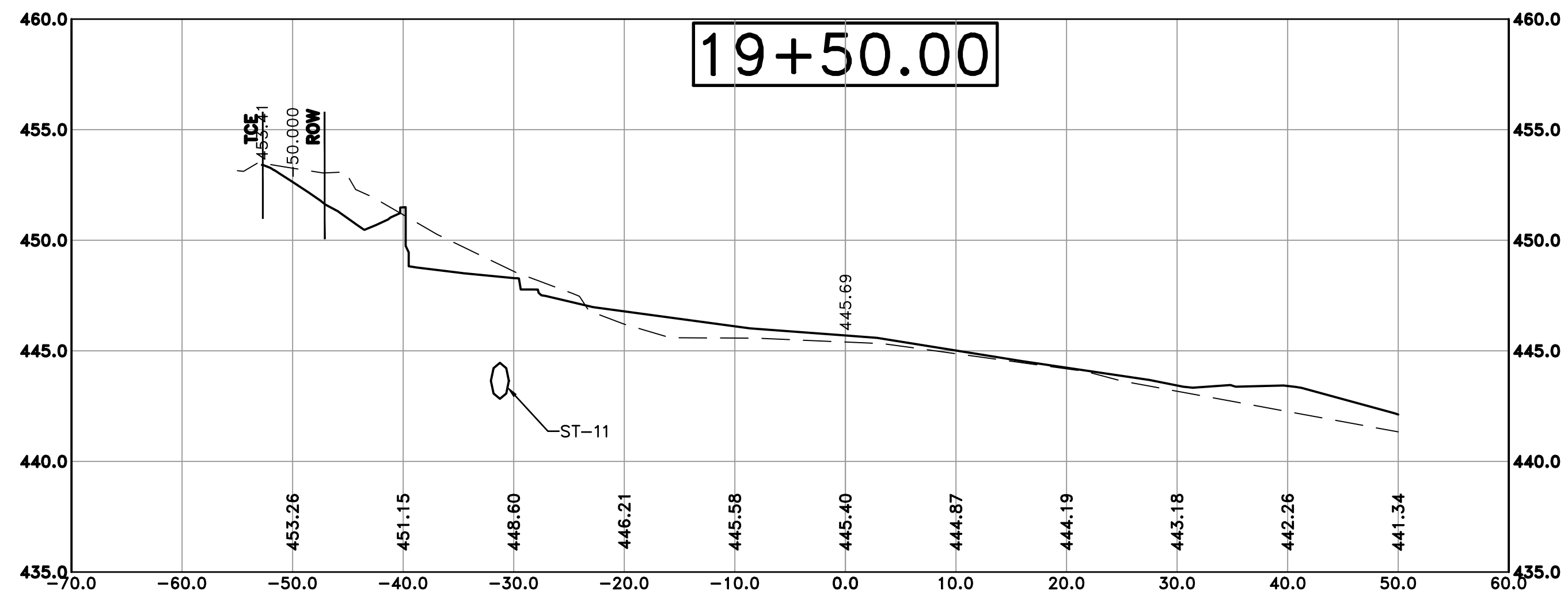
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 KANIS ROAD IMPROVEMENTS
 CROSS SECTION SHEET 11



Cut Area	52.32 ft2
Fill Area	0.00 ft2
Cut Vol	5.39 yds
Fill Vol	0.00 yds

DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201



Cut Area	44.88 ft2
Fill Area	0.00 ft2
Cut Vol	16.85 yds
Fill Vol	0.00 yds

DRAWN BY	TH
DESIGNED	TDF
CHECKED	BAP
DATE	09-02-2021
SCALE	H: 1"=10' V: 1"=5'
PROJECT NO.	06-17-222B
SHEET NO.	C36

100% SUBMITTAL

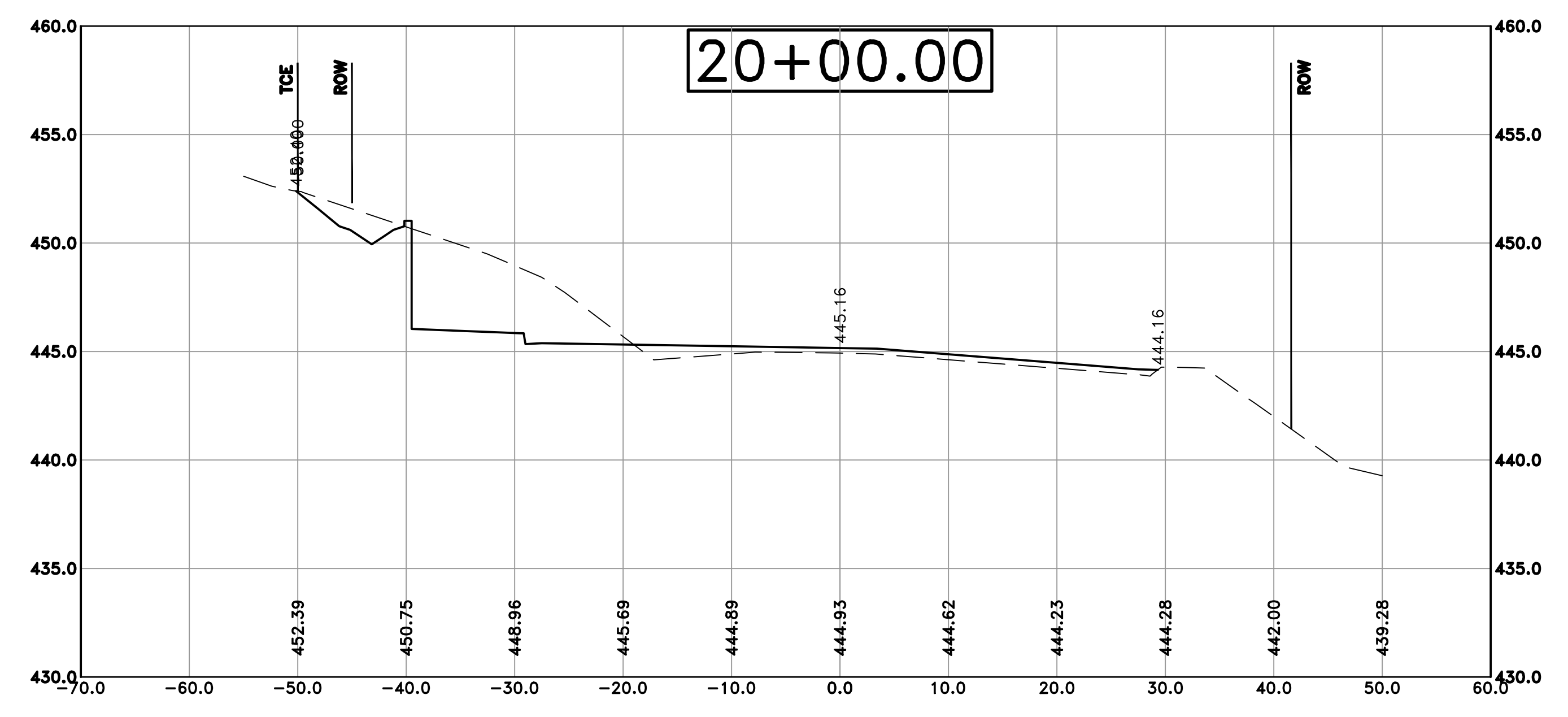
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 KANIS ROAD IMPROVEMENTS
 CROSS SECTION SHEET 12

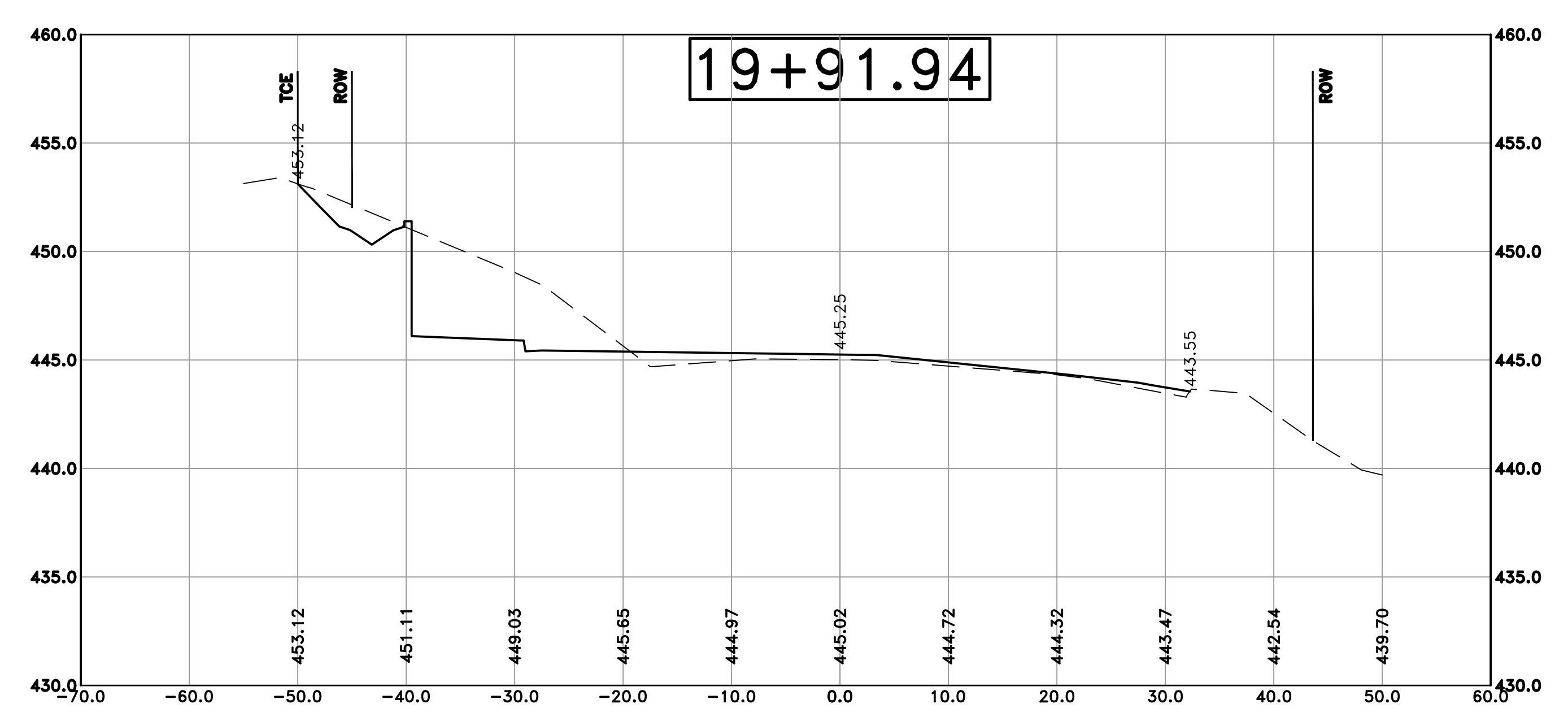
DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201



DRAWN BY
 TH
 DESIGNED
 TDF
 CHECKED
 BAP
 DATE
 09-02-2021
 SCALE
 H: 1"=10'
 V: 1"=5'
 PROJECT NO.
 06-17-222B
 SHEET NO.
 C37



Cut Area 125.91 ft2
 Fill Area 0.00 ft2
 Cut Vol 38.17 yds
 Fill Vol 0.00 yds



Cut Area 129.93 ft2
 Fill Area 0.00 ft2
 Cut Vol 147.62 yds
 Fill Vol 0.00 yds

100% SUBMITTAL

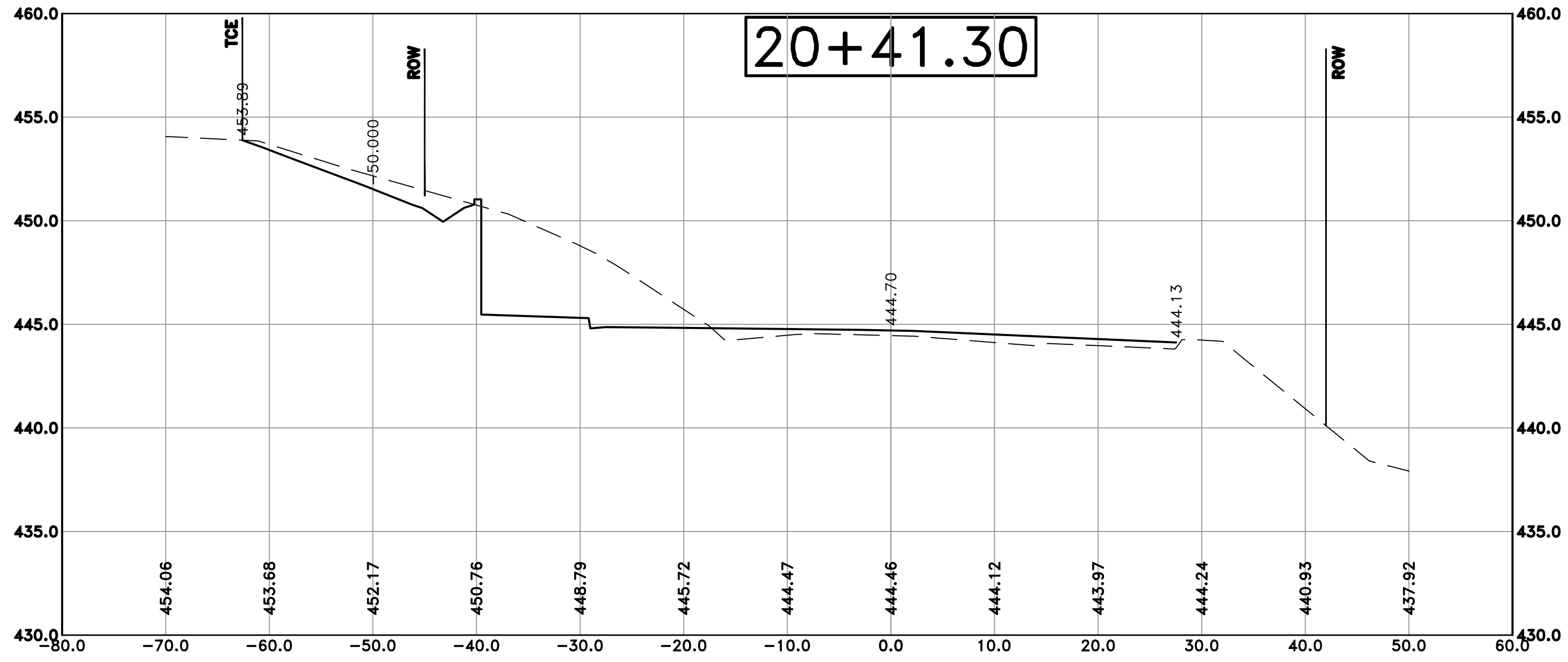
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 KANIS ROAD IMPROVEMENTS
 CROSS SECTION SHEET 13

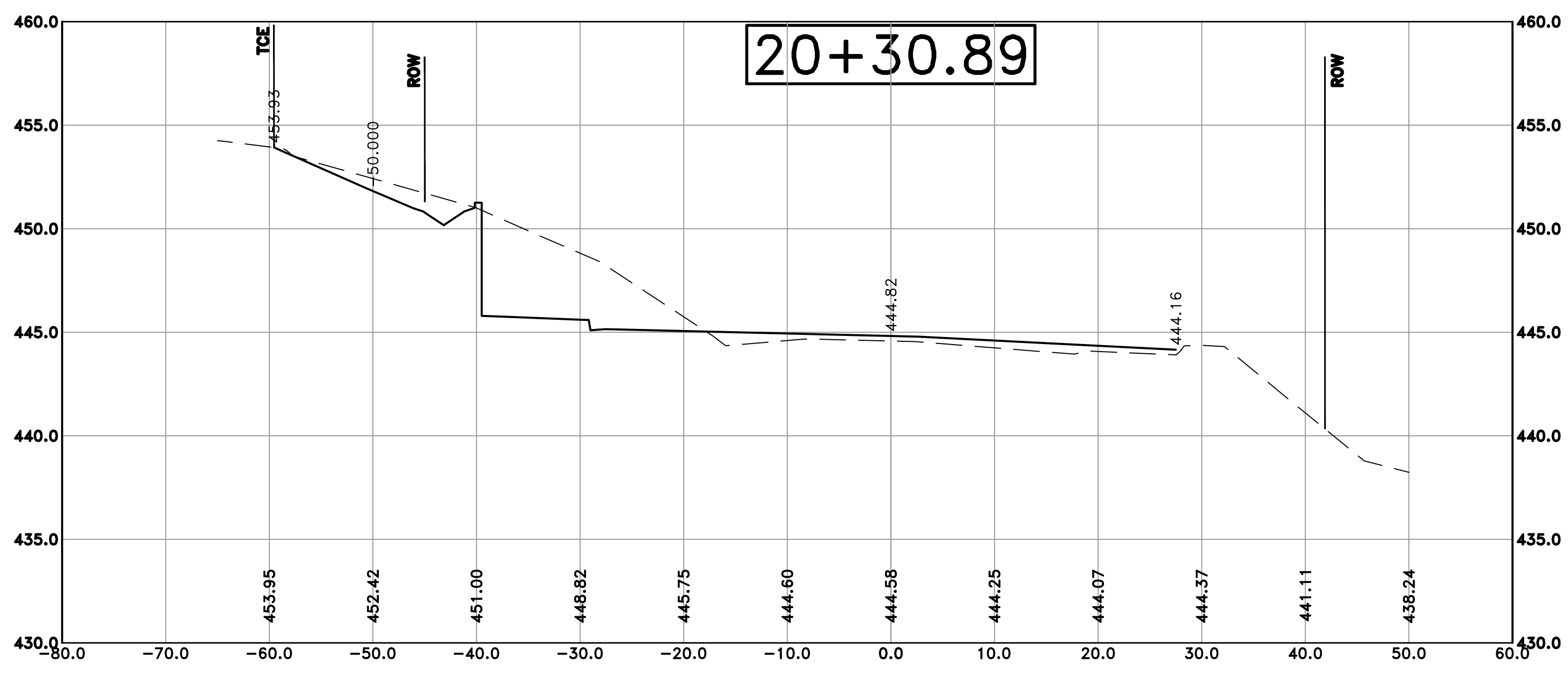
DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201



DRAWN BY
 TH
DESIGNED
 TDF
CHECKED
 BAP
DATE
 09-02-2021
SCALE
 H: 1"=10'
 V: 1"=5'
PROJECT NO.
 06-17-222B
SHEET NO.
 C38



Cut Area 145.45 ft²
 Fill Area 0.00 ft²
 Cut Vol 54.52 yds
 Fill Vol 0.00 yds



Cut Area 137.31 ft²
 Fill Area 0.00 ft²
 Cut Vol 150.58 yds
 Fill Vol 0.00 yds

100% SUBMITTAL

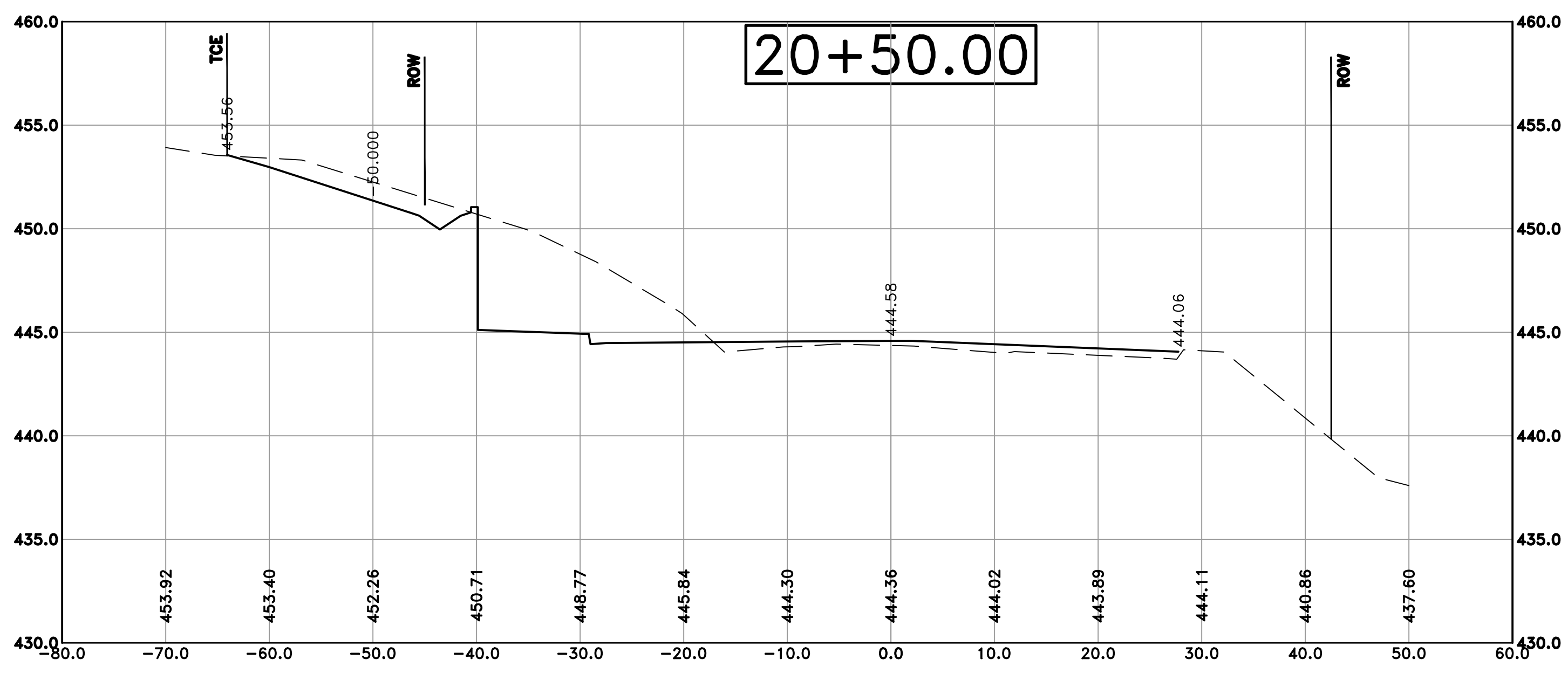
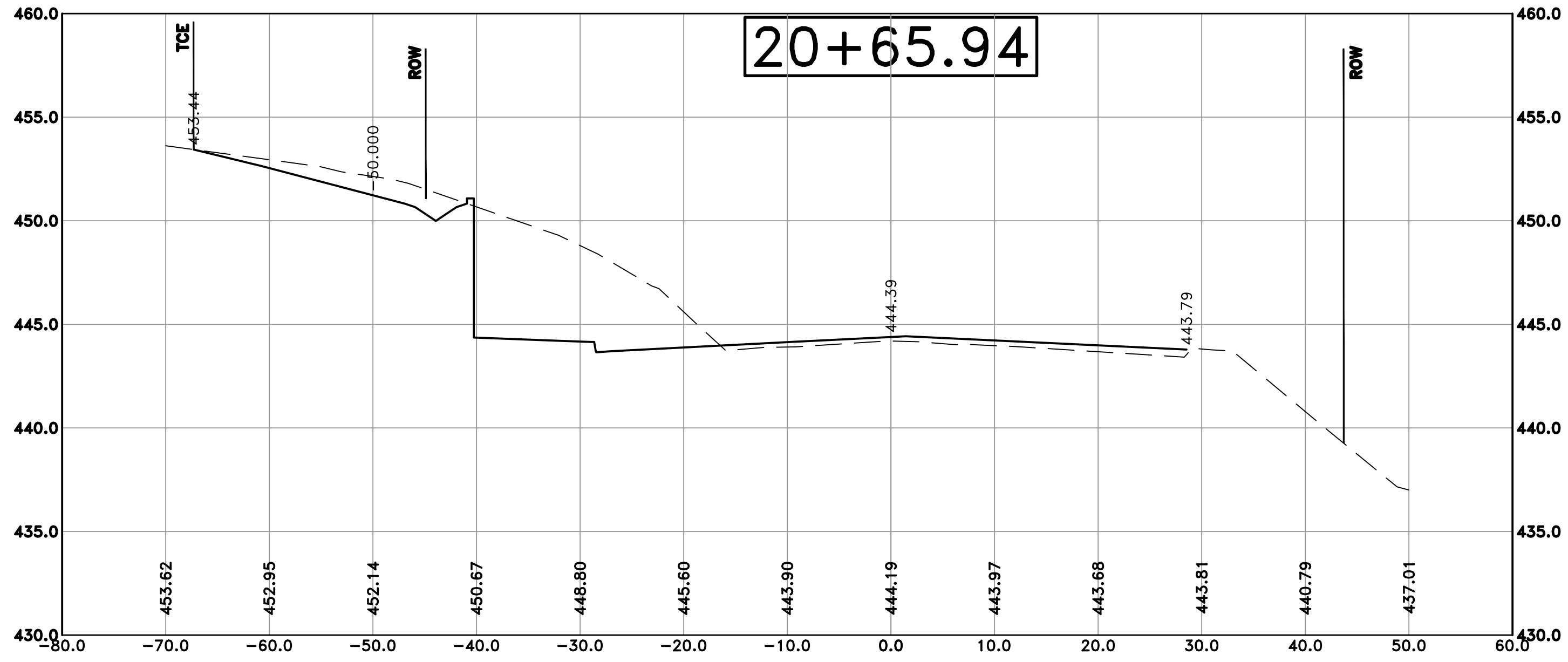
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 KANIS ROAD IMPROVEMENTS
 CROSS SECTION SHEET 14

DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201

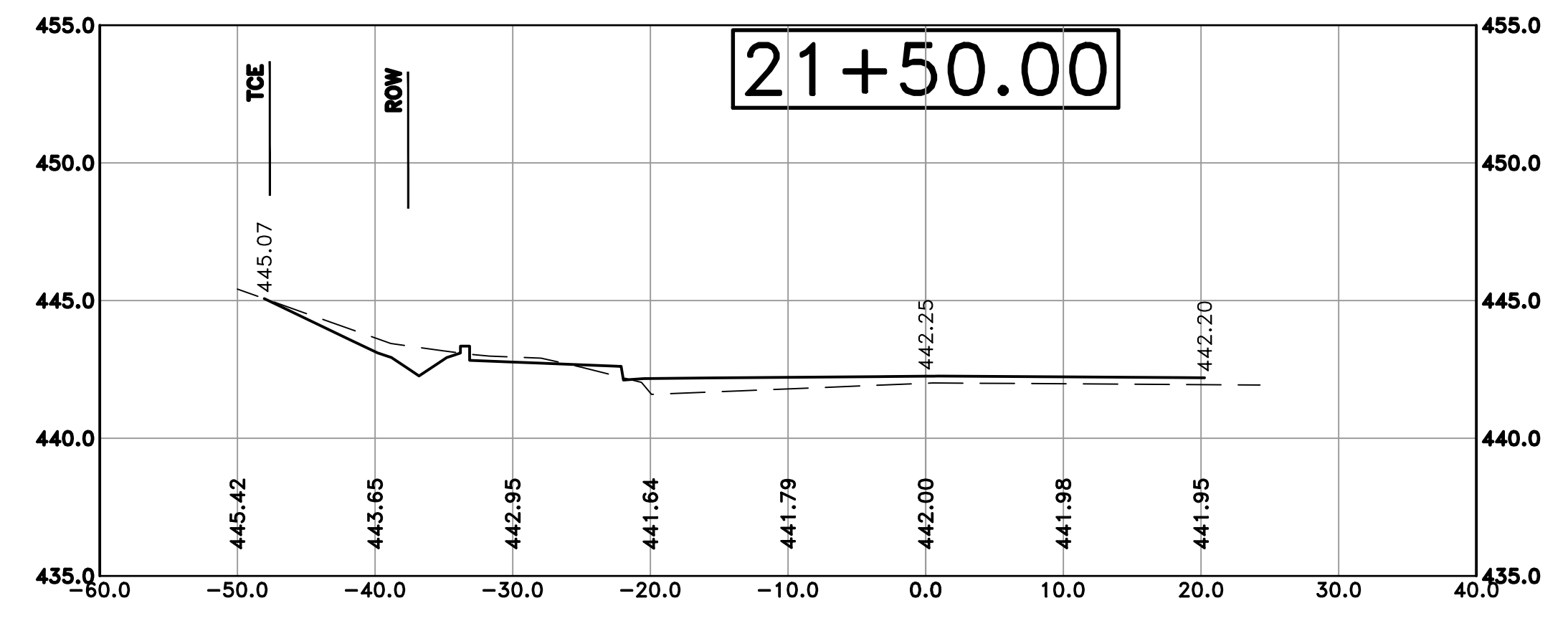


DRAWN BY
 TH
DESIGNED
 TDF
CHECKED
 BAP
DATE
 09-02-2021
SCALE
 H: 1"=10'
 V: 1"=5'
PROJECT NO.
 06-17-222B
SHEET NO.
 C39

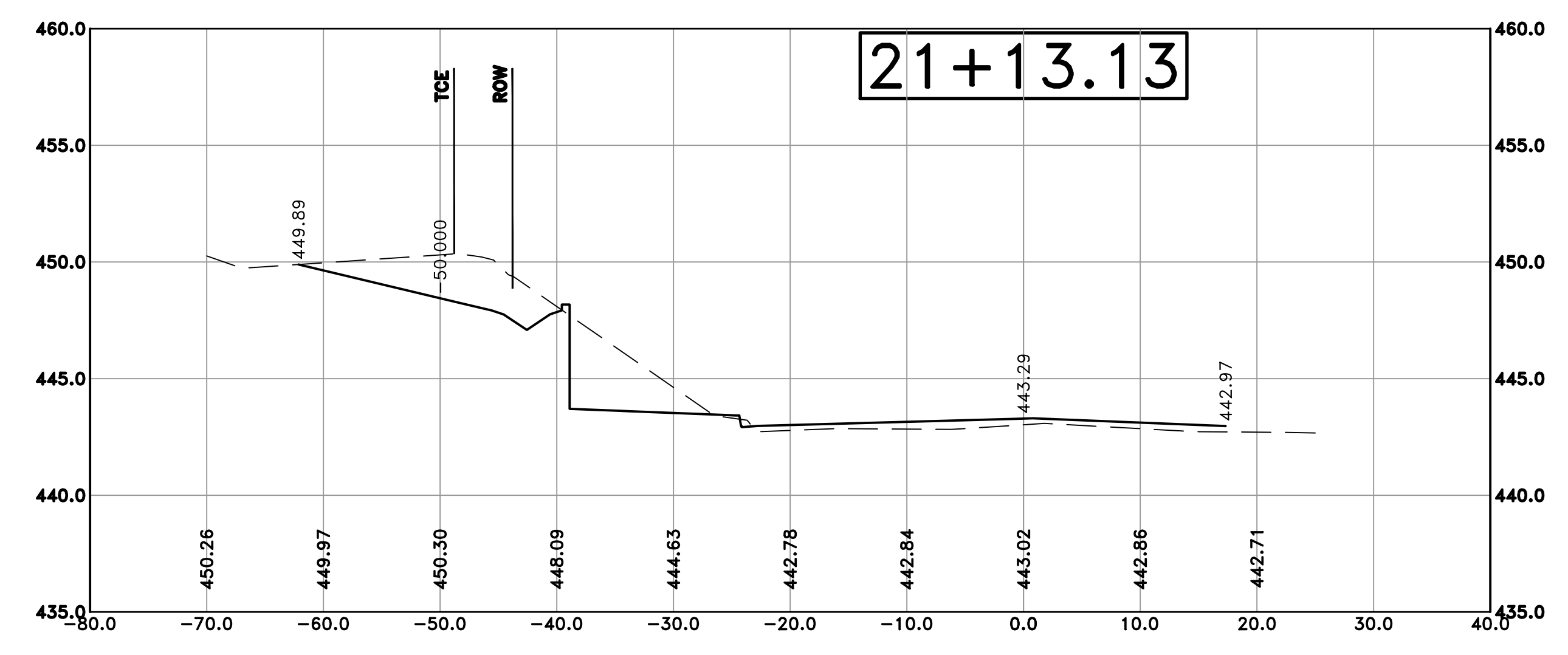


100% SUBMITTAL

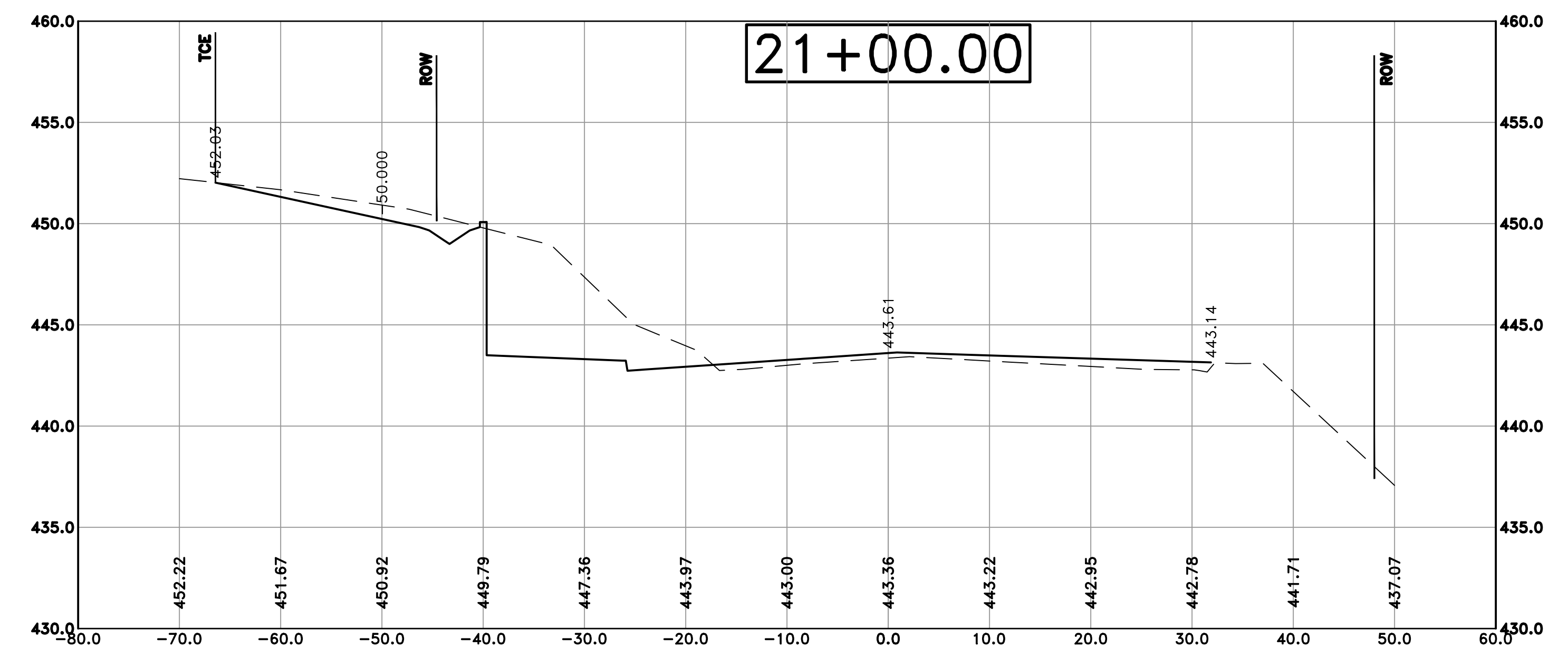
REVISIONS	DATE



Cut Area 19.97 ft2
 Fill Area 0.17 ft2
 Cut Vol 60.95 yds
 Fill Vol 0.11 yds



Cut Area 76.23 ft2
 Fill Area 0.00 ft2
 Cut Vol 52.13 yds
 Fill Vol 0.00 yds



Cut Area 152.96 ft2
 Fill Area 0.00 ft2
 Cut Vol 198.04 yds
 Fill Vol 0.00 yds

CITY OF LITTLE ROCK, ARKANSAS
 KANIS ROAD IMPROVEMENTS
 CROSS SECTION SHEET 15

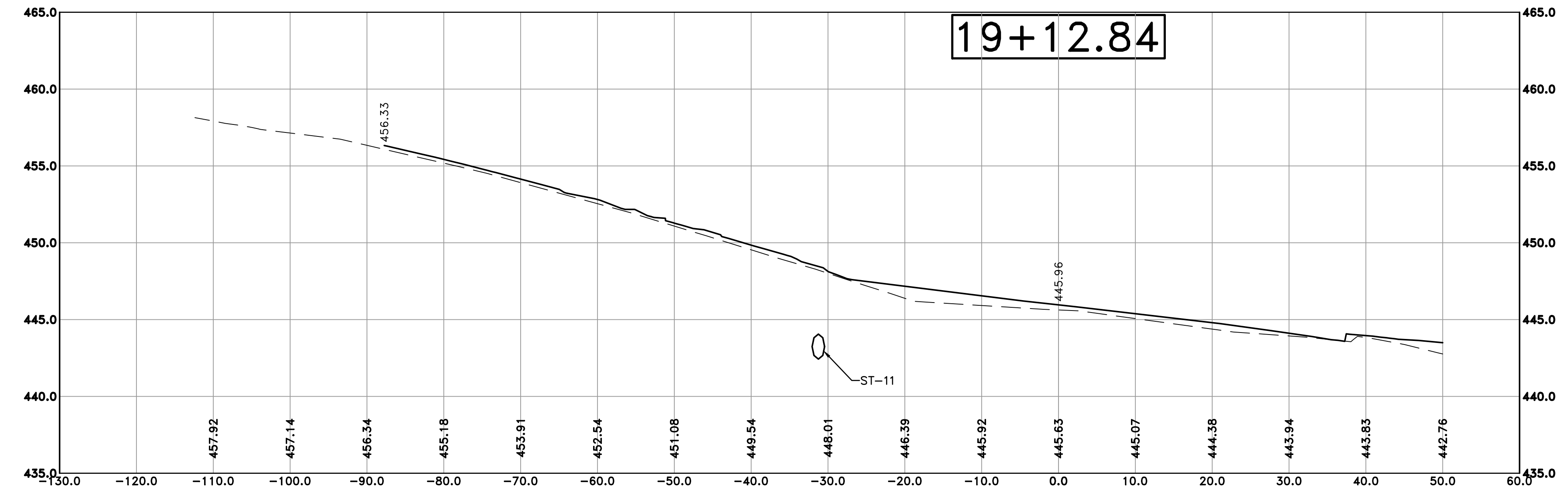
DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201



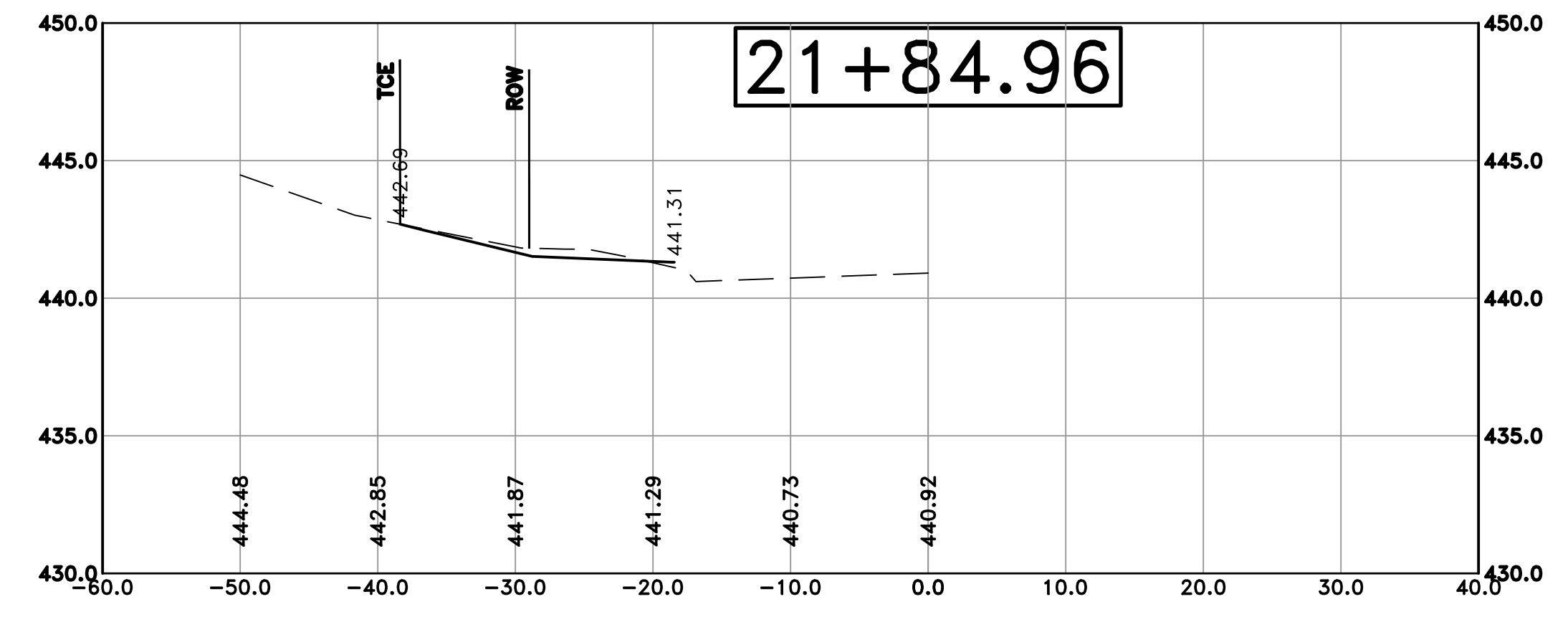
DRAWN BY TH
 DESIGNED TDF
 CHECKED BAP
 DATE 09-02-2021
 SCALE H: 1"=10'
 V: 1"=5'
 PROJECT NO. 06-17-222B
 SHEET NO. C40

100% SUBMITTAL

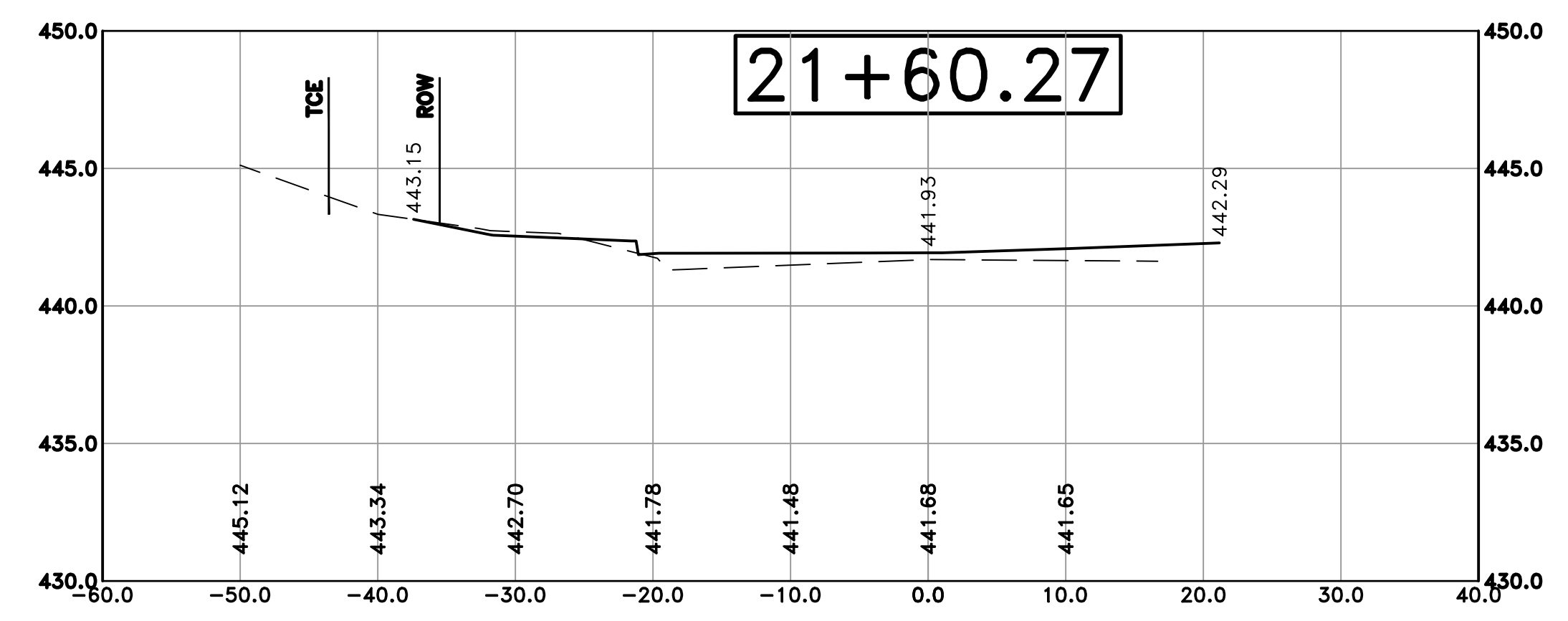
REVISIONS	DATE



Cut Area 3.87 ft²
 Fill Area 0.03 ft²
 Cut Vol 12.90 yds
 Fill Vol 0.87 yds



Cut Area 7.46 ft²
 Fill Area 0.00 ft²
 Cut Vol 6.75 yds
 Fill Vol 0.10 yds



Cut Area 8.06 ft²
 Fill Area 0.23 ft²
 Cut Vol 5.03 yds
 Fill Vol 0.07 yds

CITY OF LITTLE ROCK, ARKANSAS
 KANIS ROAD IMPROVEMENTS
 CROSS SECTION SHEET 16

DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201



DRAWN BY TH
 DESIGNED TDF
 CHECKED BAP
 DATE 09-02-2021
 SCALE H: 1"=10'
 V: 1"=5'
 PROJECT NO. 06-17-222B
 SHEET NO. C41