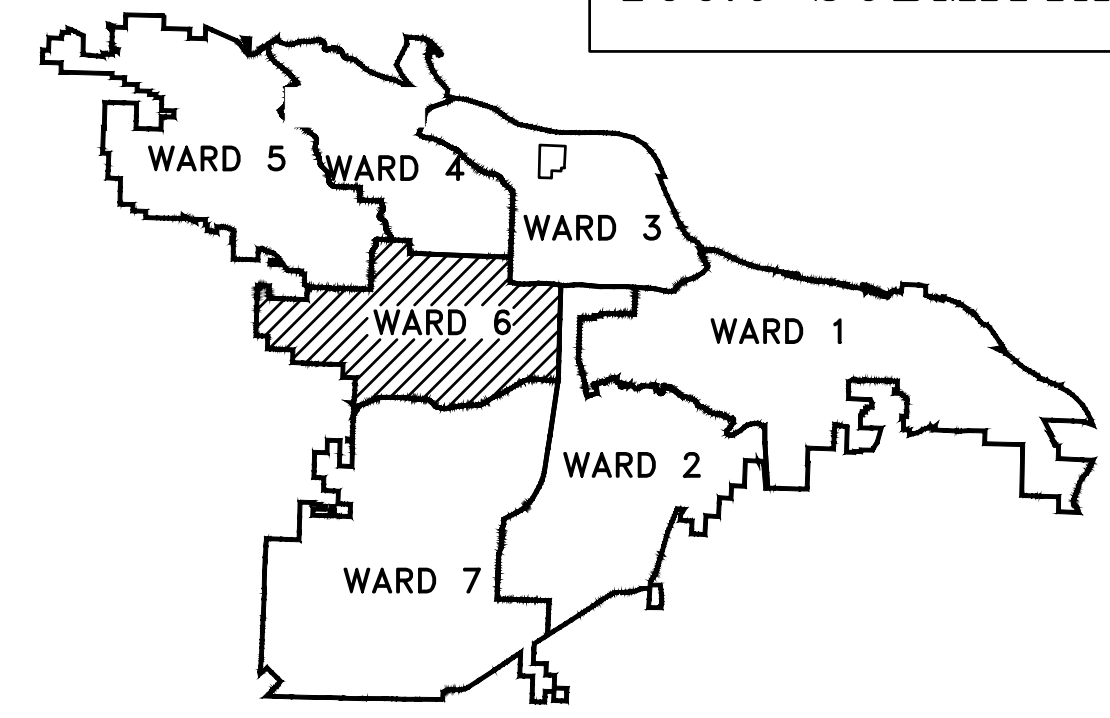


CLR PROJECT 06-17-222B KANIS ROAD IMPROVEMENTS

(NEAR BUSINESS PARK DR TO MICHAELS ST)

100% SUBMITTAL



REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
KANIS ROAD IMPROVEMENTS
COVER SHEET

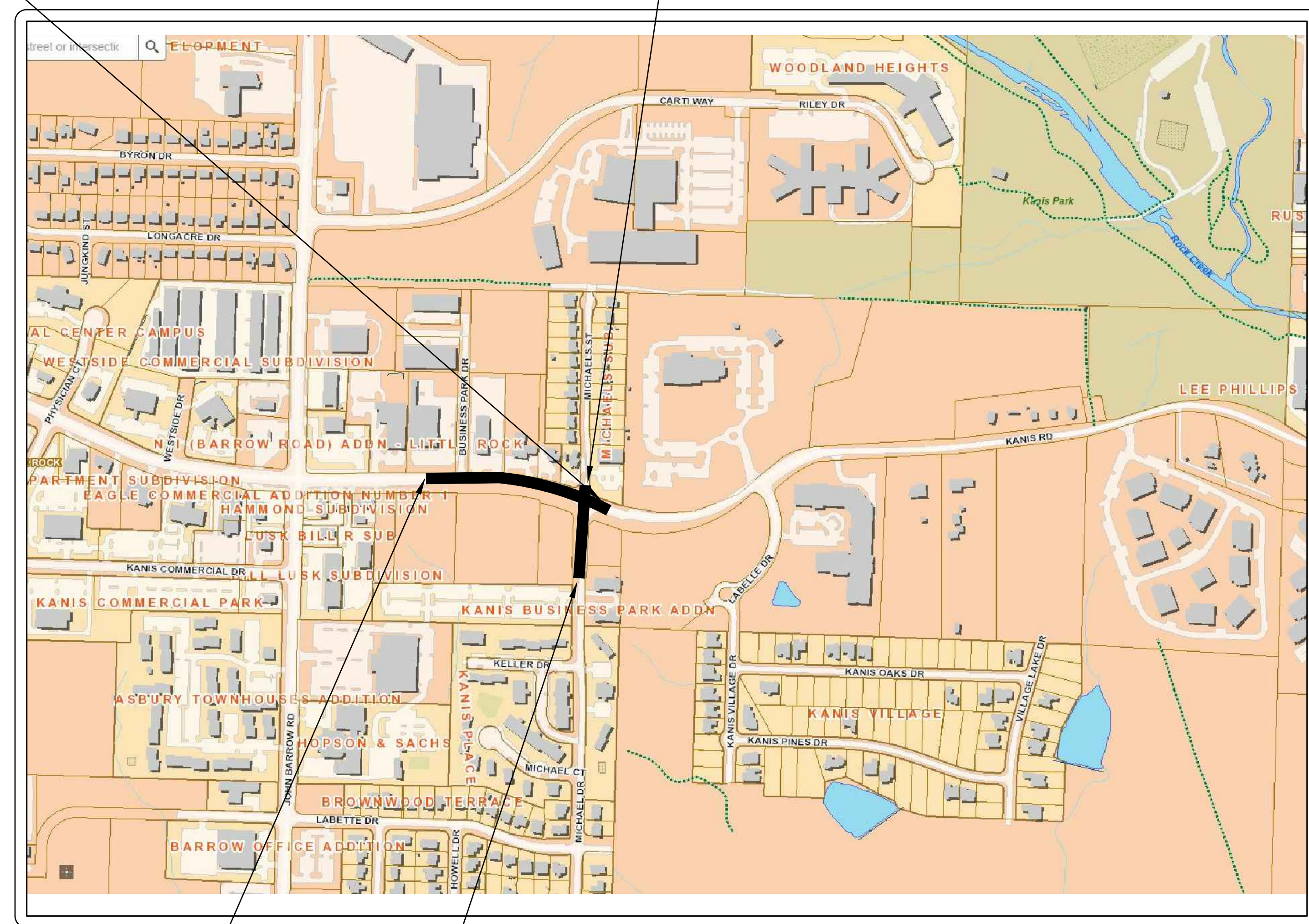
Sheet List Table	
Sheet Number	Sheet Title
C1	COVER SHEET
C2	LEGEND, QUANTITIES AND DETAILS
C3	TYPICAL SECTIONS SHEET 1
C4	TYPICAL SECTIONS SHEET 2
C5	TYPICAL SECTIONS SHEET 3
C6	P&P SHEET 1
C7	P&P SHEET 2
C8	P&P SHEET 3
C9	P&P SHEET 4
C10	P&P SHEET 5
C11	MAINTENANCE OF TRAFFIC PHASE I SHEET 1
C12	MAINTENANCE 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
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C24	CENTERLINE TIES SHEET 2
C25-C45	CROSS SECTIONS

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



PROJECT END
STATION 21+85

OFFSITE DRAINAGE
PROJECT END
STATION 16+32



PROJECT START
STATION 10+00

OFFSITE DRAINAGE
PROJECT START
STATION 10+00

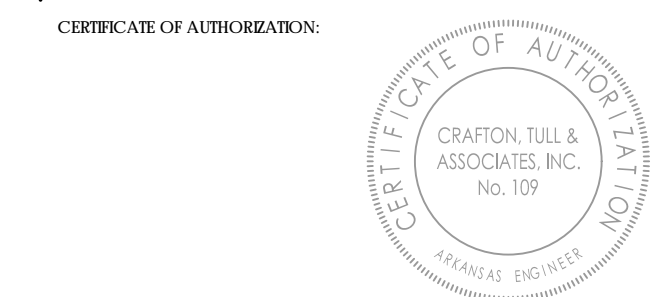
LOCATION



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 f
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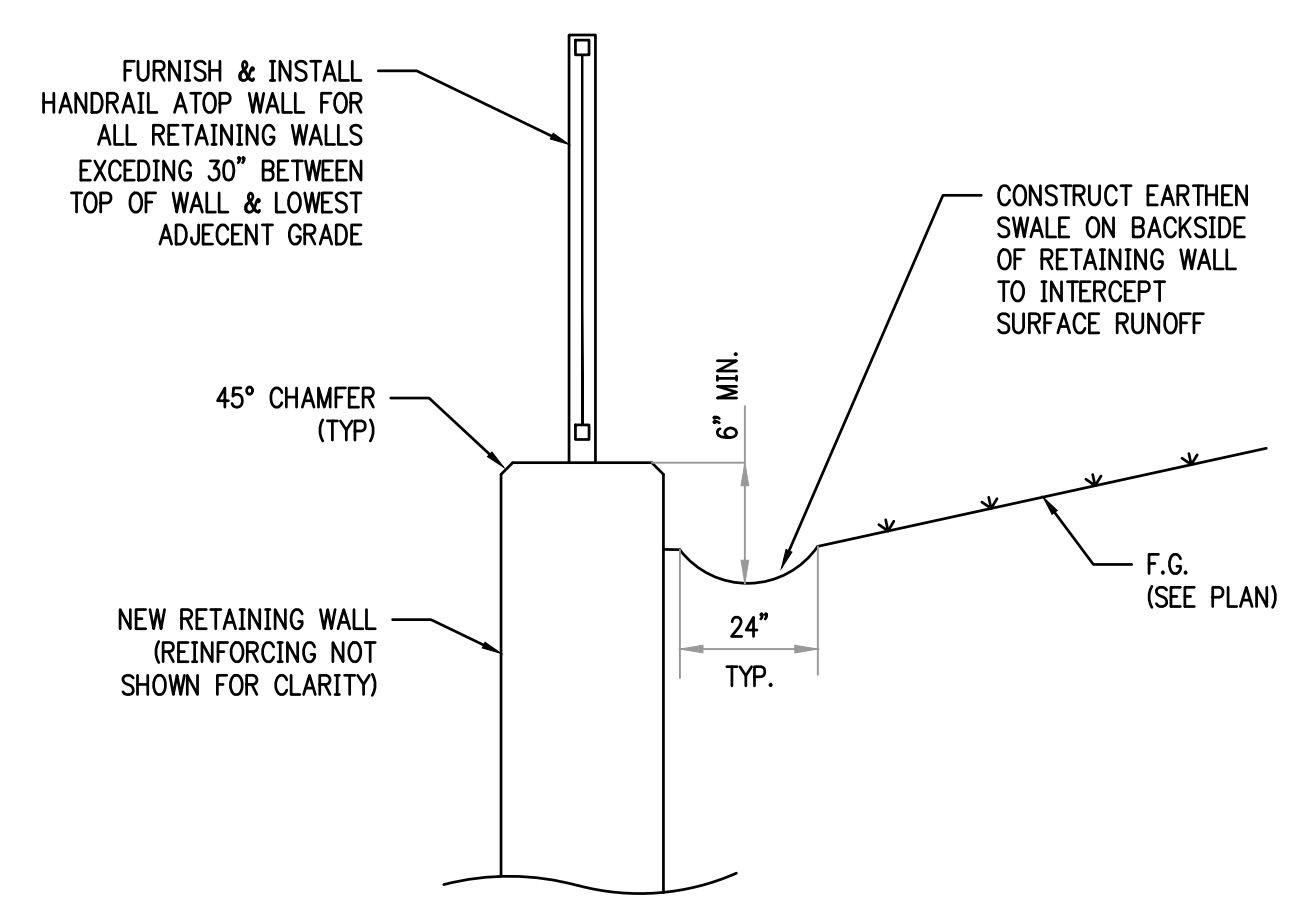
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DATE
05-08-2020
SCALE
H: 1"=20'
V: 1"=5'
PROJECT NO.
06-17-222B
SHEET NO.
C1

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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	1460	C.Y.
3.02	SELECT FILL	1562	C.Y.
3.06	COMPACTED EMBANKMENT	60	C.Y.
4.01	AGGREGATE BASE COURSE	1185	TON
5.01	TACK COAT	377	GAL
6.01	ACHM SURFACE COURSE	1221	TON
6.20	ACHM BINDER COURSE	736	TON
7.06	CONCRETE DRIVEWAY (6" THICK), STANDARD FINISH	1286	S.F.
7.19	CONCRETE (8" THICK), STREET REPAIR	11	C.Y.
8.03	CONCRETE CURB AND GUTTER (CLASS 1)	1396	L.F.
9.04	CONCRETE SIDEWALK (4" THICK)	4875	S.F.
9.30	CONCRETE SIDEWALK "TURN DOWN" WALL (PW-43)	1860	S.F.
10.04	CURB INLET - 4' BOX	10	EA.
10.06	CURB INLET - 6' BOX	3	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	1149	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		PROPOSED
IRON ROD	○ IR	PROPOSED CONTOUR
PK NAIL	○ PK	PROPOSED SPOT ELEVATION
R.R. SPIKE	○ RR(Sp)	PROPOSED SPOT CURB ELEVATION
CONC. MONUMENT	□ CM	STORM SEWER - PIPE
WATER VALVE	⊗ WV	STORM SEWER - MITERED END SECTION
WATER METER	□ WM	STORM SEWER - GRATE INLET
FIRE HYDRANT	⊕ FH	STORM SEWER - JUNCTION BOX
GAS METER	⊗ GM	STORM SEWER - FLARED END SECTION
GAS VALVE	⊗ GV	STORM SEWER - HEADWALL
CLEAN-OUT	○ CO	STORM SEWER - SINGLE WING
GUARD POST (BOLLARD)	● GP	STORM SEWER - DOUBLE WING
SIGN POST	⊕	STORM SEWER - AREA INLET
BENCHMARK	⊕	GRADE BREAK LINE
STORM SEWER MANHOLE	⊕	HIGH POINT
SANITARY SEWER MANHOLE	⊕	LOW POINT
TELEPHONE MANHOLE	⊕	CUT LINE
ELECTRIC MANHOLE	⊕	FILL LINE
TELEPHONE BOX	⊕	SANITARY SEWER PIPE
ELECTRIC BOX	⊕	SANITARY SEWER MANHOLE
CABLE BOX	⊕	PROPOSED CURB
UTILITY POLE	⊕	PROPOSED CONCRETE
GUY WIRE	⊕	CONSTRUCTION - ENTRANCE/EXIT
LIGHT POLE	⊕	CHECK DAM
POST OR POLE (TYPE AS NOTED)	⊕	DIVERSION BERM
MAILBOX	⊕	DOWNDRAIN STRUCTURE - TEMPORARY
DECIDUOUS TREE	⊕	ROCK DAM
EVERGREEN/CONIFEROUS TREE	⊕	SEDIMENT BARRIER - SILT FENCE
BUSH	⊕	SEDIMENT BARRIER - GRAVEL RING
PROPERTY LINE	⊕	SEDIMENT BARRIER - BLOCK & GRAVEL
SETBACK LINE	⊕	SEDIMENT BARRIER - BLOCK
EASEMENT LINE	⊕	TEMPORARY SEDIMENT BASIN
CURB	⊕	SILT FENCE - TYPE A
FENCE	⊕	SILT FENCE - TYPE B
OVERHEAD ELECTRIC	⊕	SILT FENCE - TYPE C
OVERHEAD TELEPHONE	⊕	STORM DRAIN OUTLET PROTECTION
OVERHEAD CABLE	⊕	SURFACE ROUGHENING
UNDERGROUND TELEPHONE	⊕	DISTURBED AREA STABILIZATION - TEMPORARY STABILIZATION
UNDERGROUND ELECTRIC	⊕	DISTURBED AREA STABILIZATION - TEMPORARY GRASSING
UNDERGROUND CABLE	⊕	DISTURBED AREA STABILIZATION - PERMANENT GRASSING
WATER LINE	⊕	MATTING/BLANKETS
SEWER LINE	⊕	
GAS LINE	⊕	
STORM SEWER/CULVERT	⊕	
EDGE OF WOODS	⊕	
CONTOUR LINE	⊕	

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

DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
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 LITTLE ROCK, ARKANSAS 72201



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 C2

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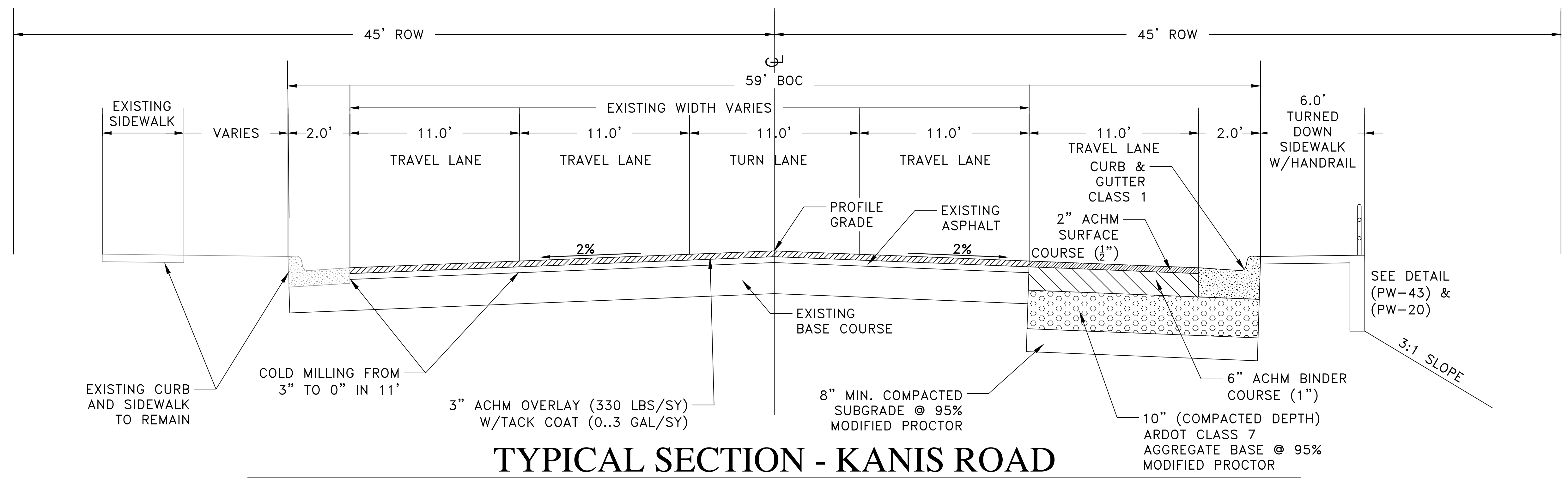
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CITY OF LITTLE ROCK, ARKANSAS
KANIS ROAD IMPROVEMENTS
TYPICAL SECTIONS SHEET 1

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CIVIL ENGINEERING
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LITTLE ROCK, ARKANSAS 72201

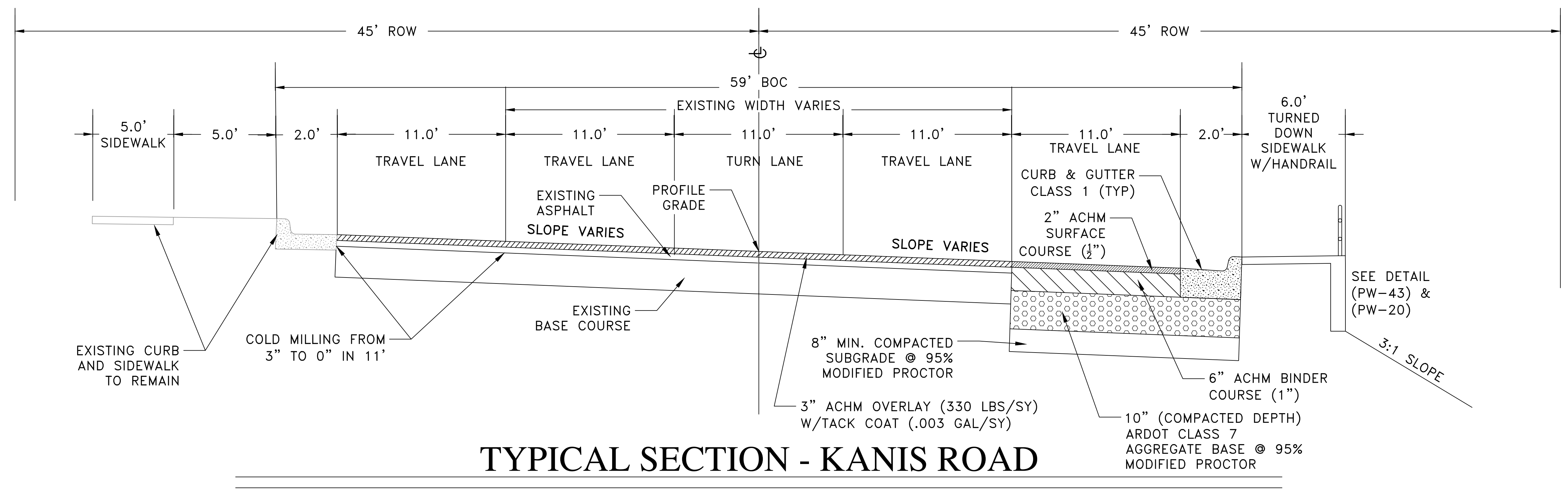


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SHEET NO.	C3



TYPICAL SECTION - KANIS ROAD

STA 10+93.85 TO STA 14+83.35

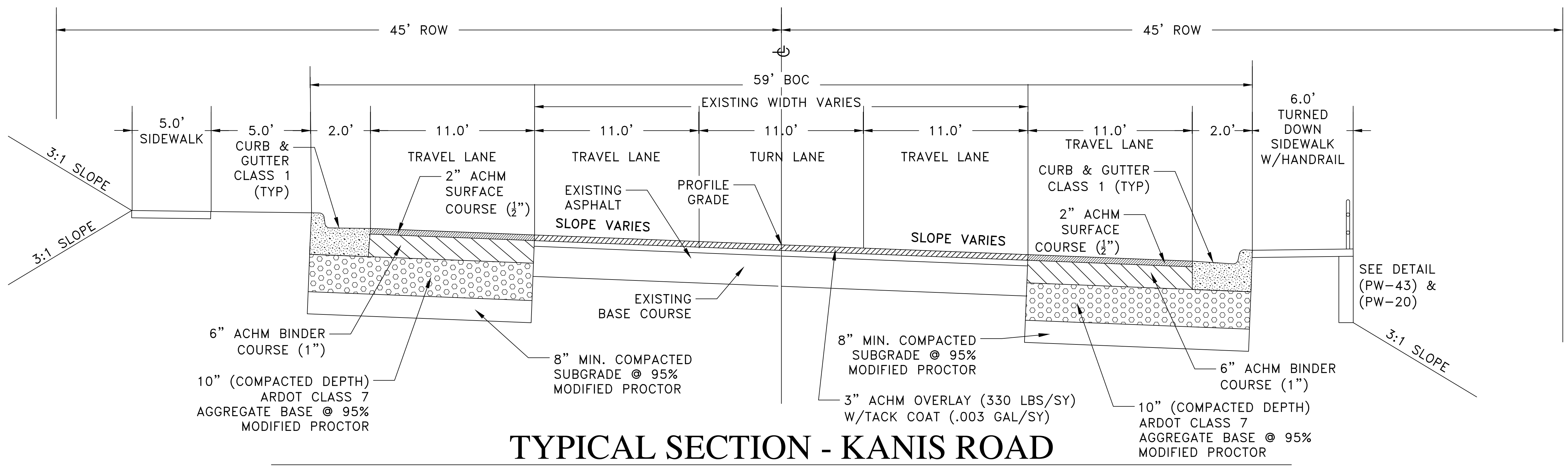


TYPICAL SECTION - KANIS ROAD

STA 14+83.35 TO STA 15+91.30

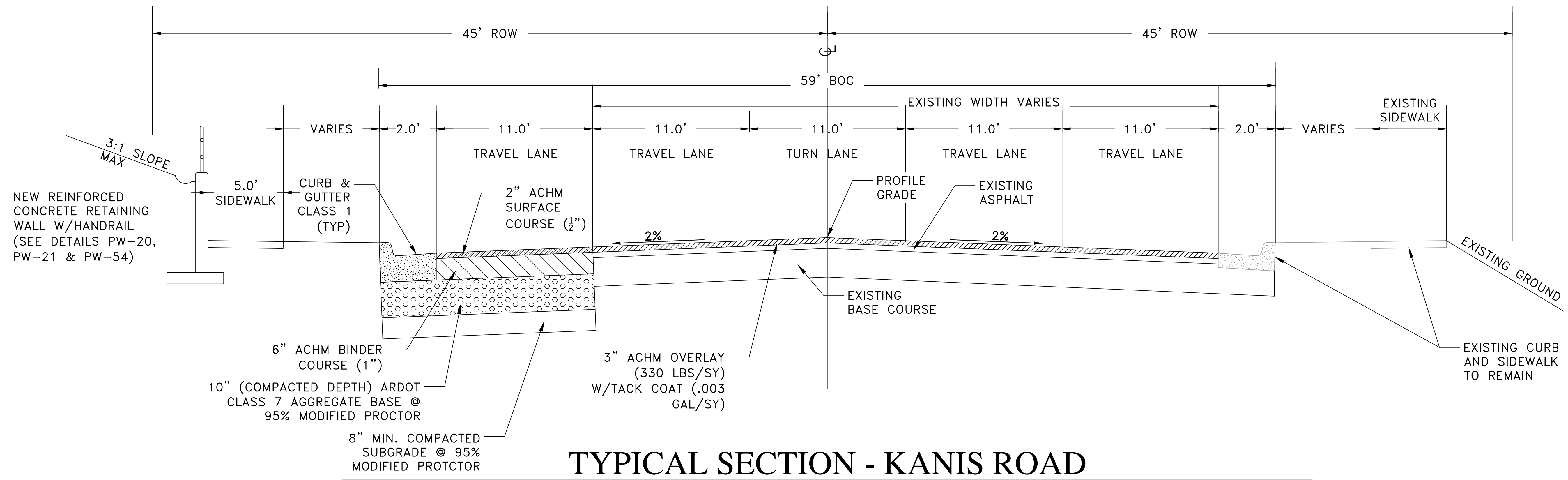
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TYPICAL SECTION - KANIS ROAD

STA 15+91.30 TO STA 19+36.45



TYPICAL SECTION - KANIS ROAD

STA 20+00.00 TO STA 21.01.95

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

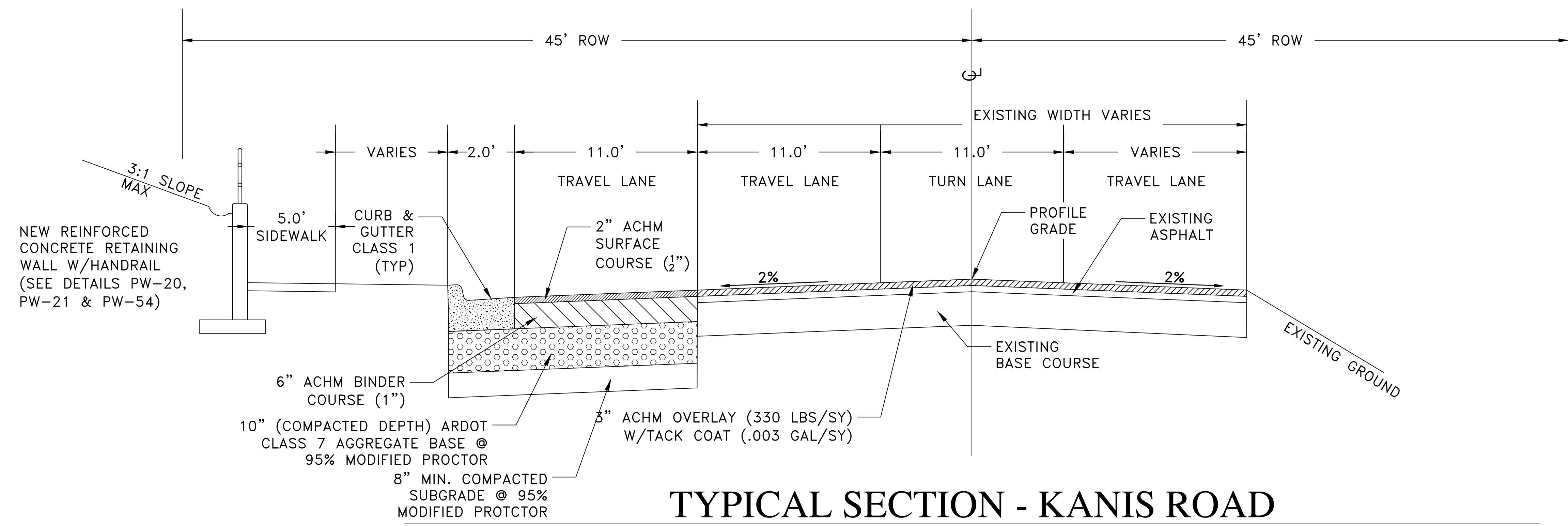
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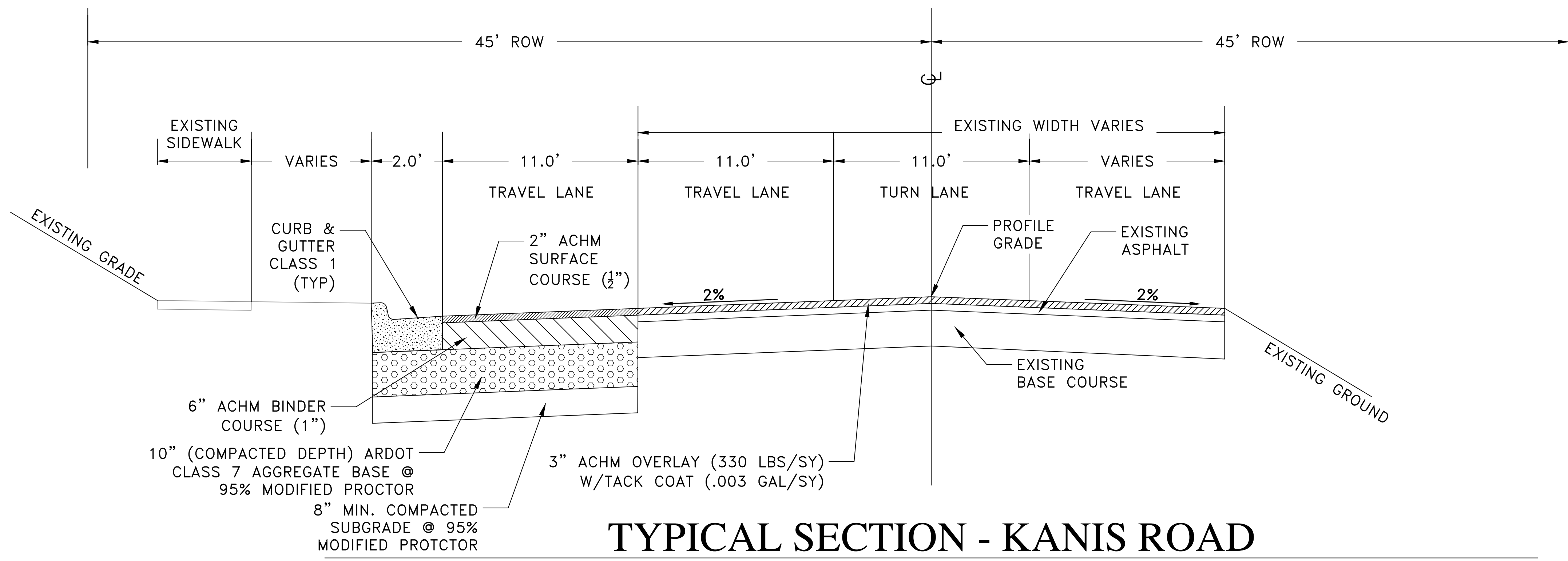
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TYPICAL SECTION - KANIS ROAD

STA 21+01.95 TO STA 21+52.65



TYPICAL SECTION - KANIS ROAD

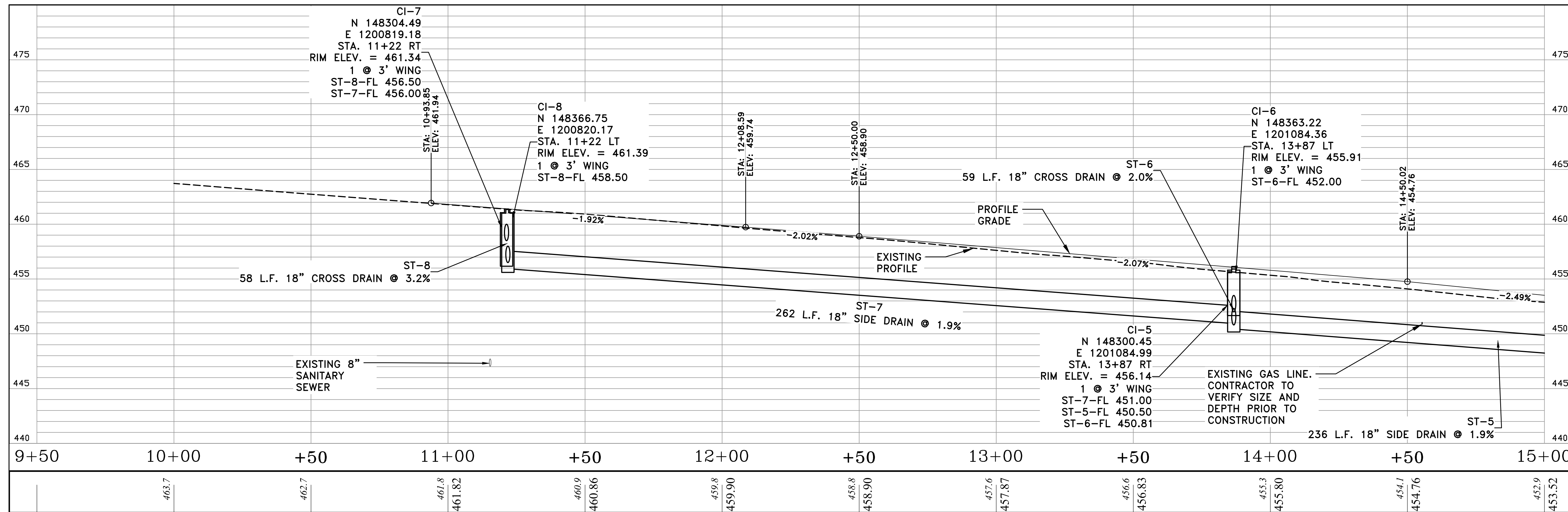
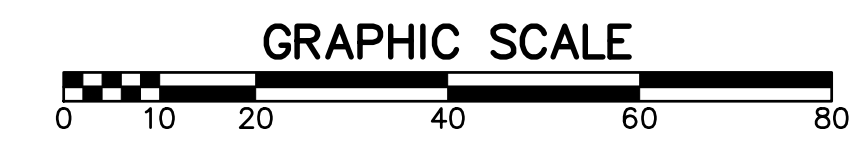
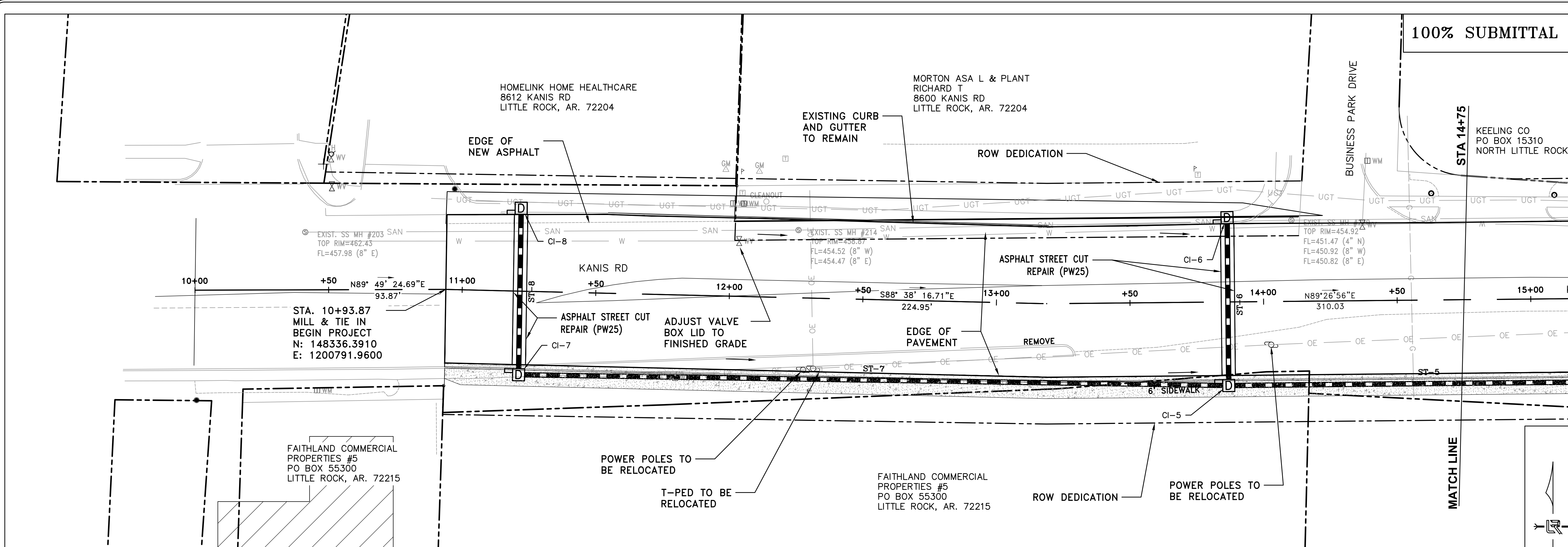
STA 21+52.65 TO STA 21+85.00

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

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SHEET NO.	C5



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

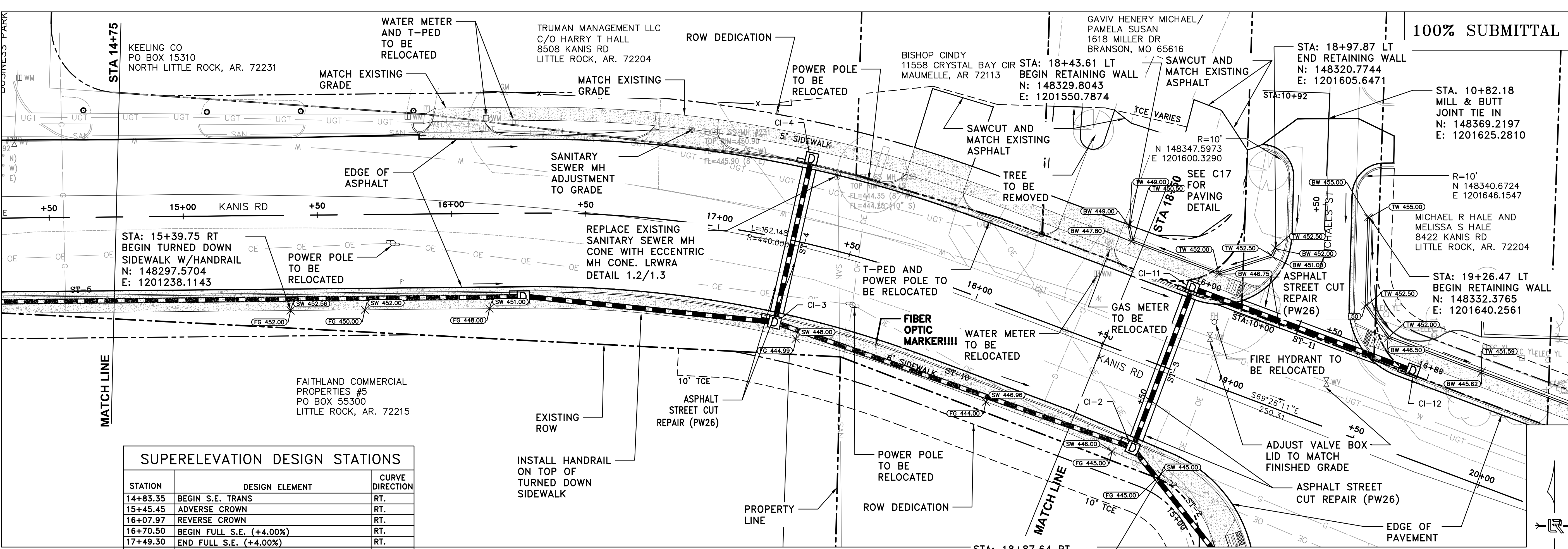
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SCALE H: 1"=20' V: 1"=5'
PROJECT NO. 06-17-222B
SHEET NO. C6

REVISIONS	DATE

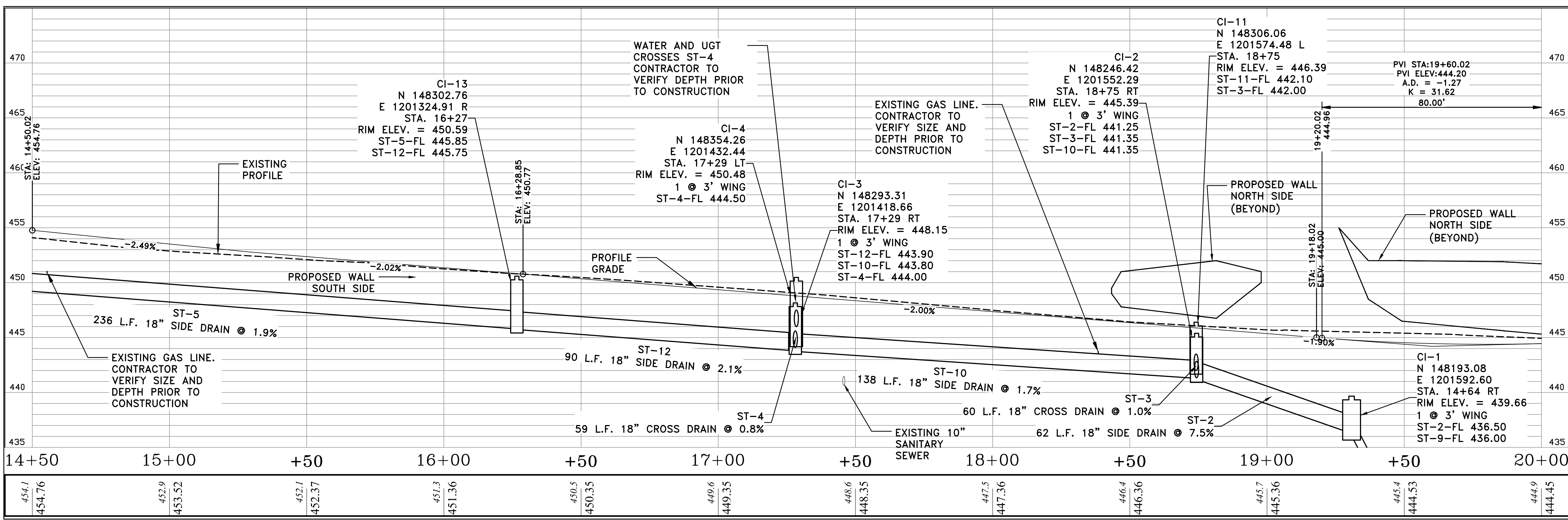
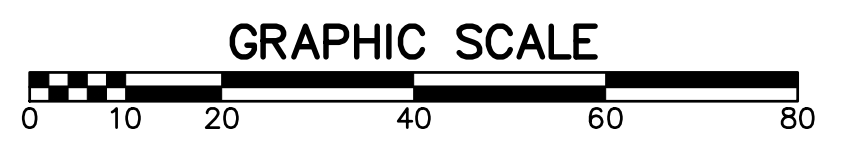
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SUPERELEVATION DESIGN STATIONS

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.

STA: 18+87.64 RT
END TURNED DOWN
SIDEWALK W/HANDRAIL
N: 148236.6784
E: 1201562.8494



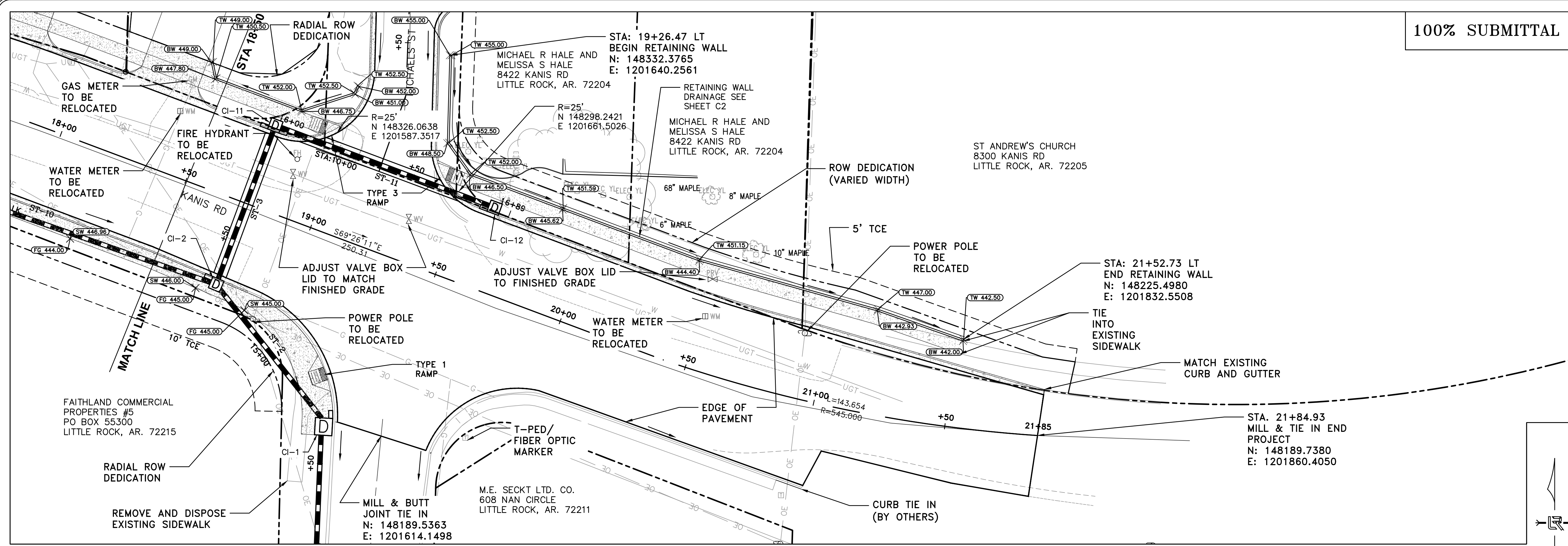
CITY OF LITTLE ROCK, ARKANSAS
KANIS ROAD IMPROVEMENTS
P&P SHEET 2

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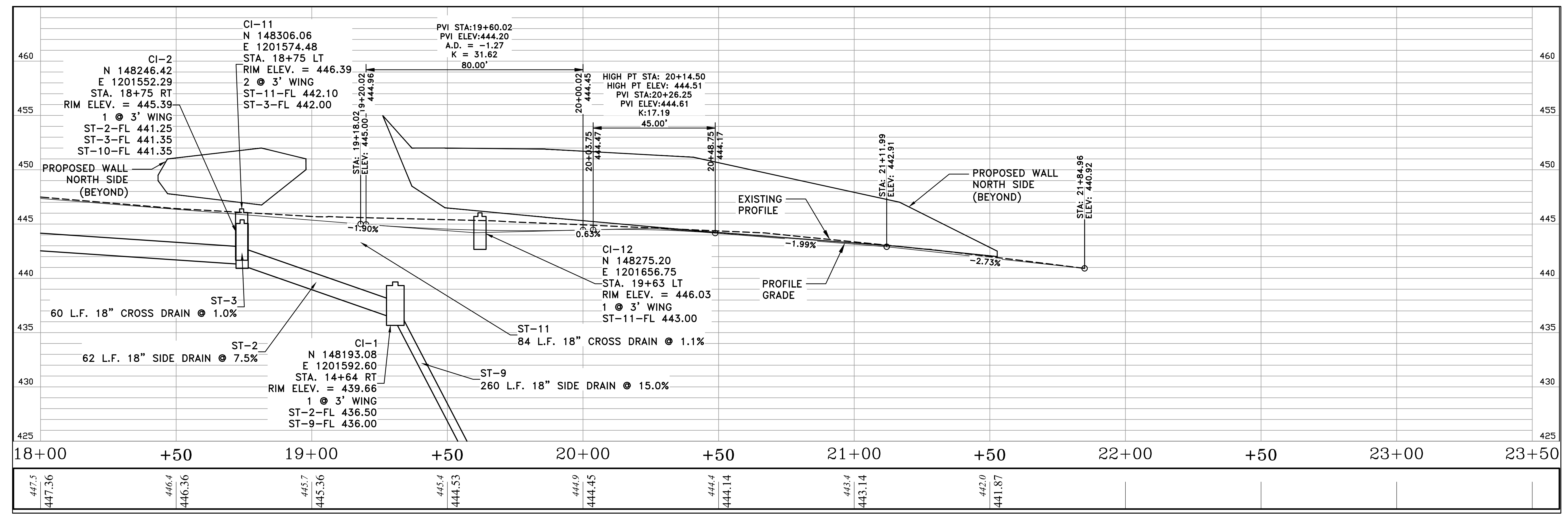
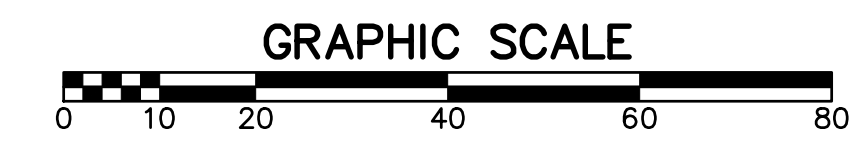
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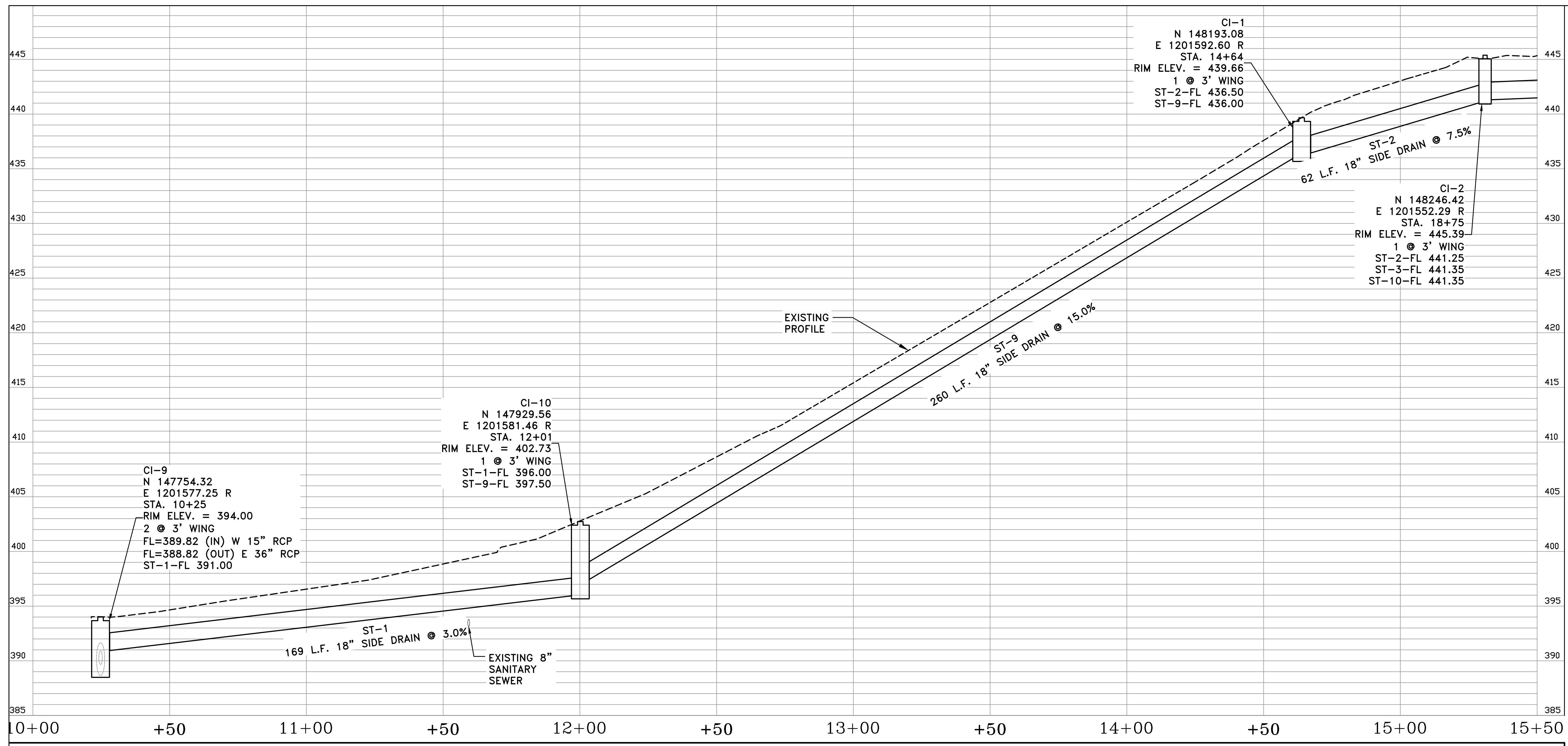
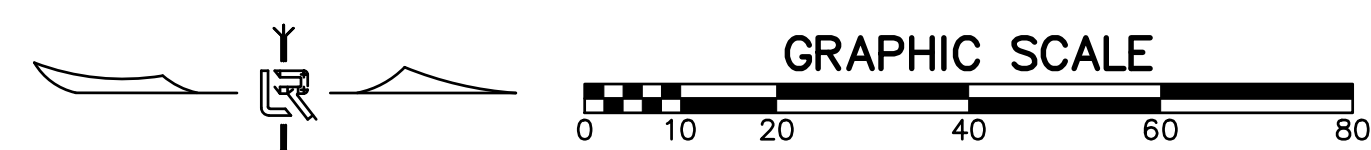
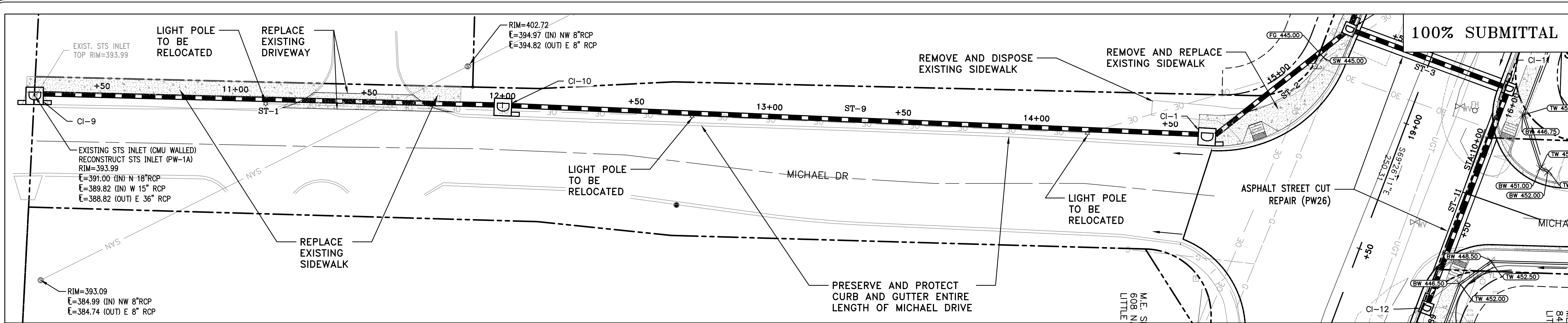
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CITY OF LITTLE ROCK, ARKANSAS
 KANIS ROAD IMPROVEMENTS
 P&P SHEET 3

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 CIVIL ENGINEERING
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 C8



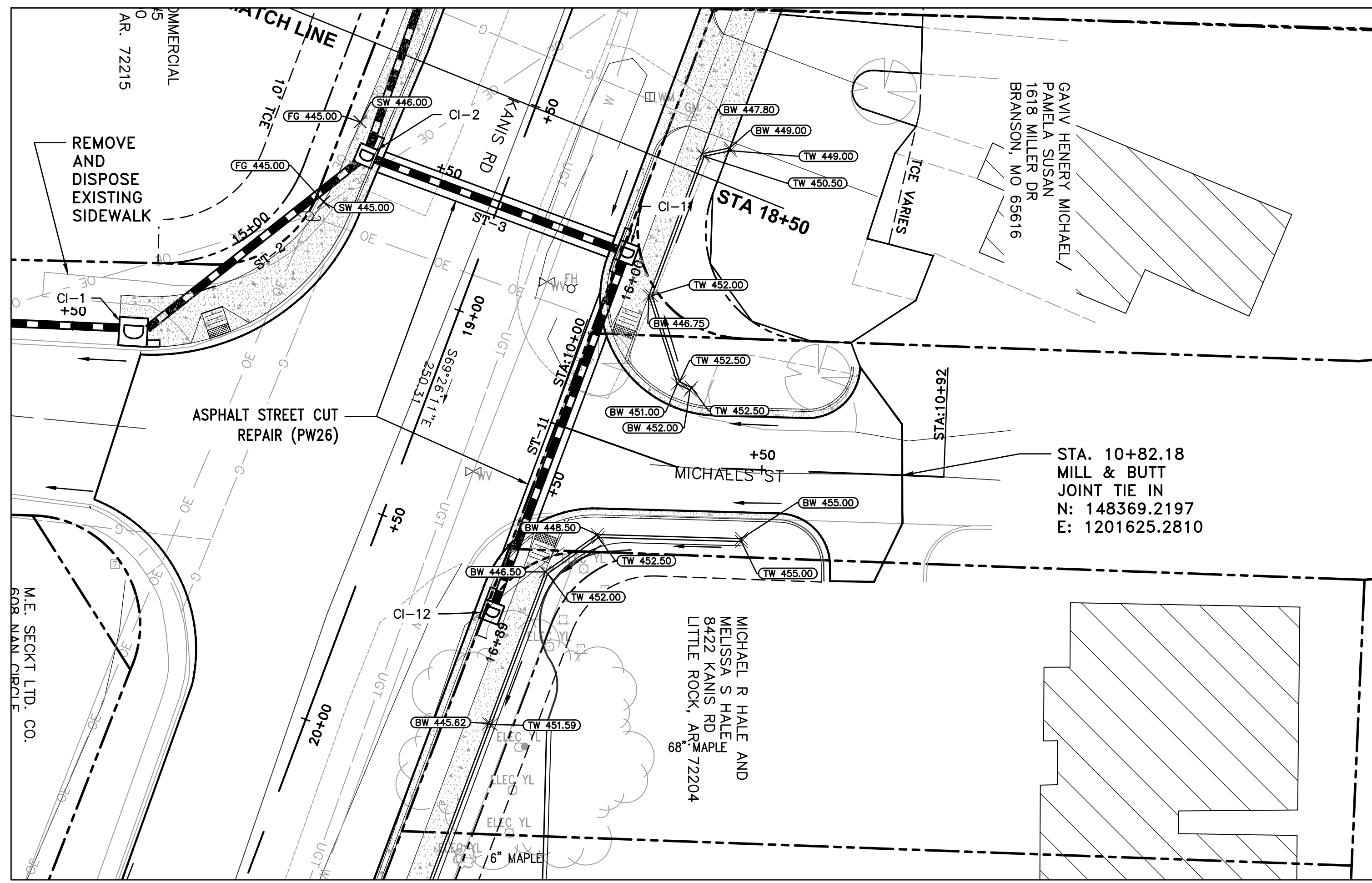
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CITY OF LITTLE ROCK, ARKANSAS
KANIS ROAD IMPROVEMENTS
P&P SHEET 4

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LITTLE ROCK, ARKANSAS 72201



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SHEET NO.	C9



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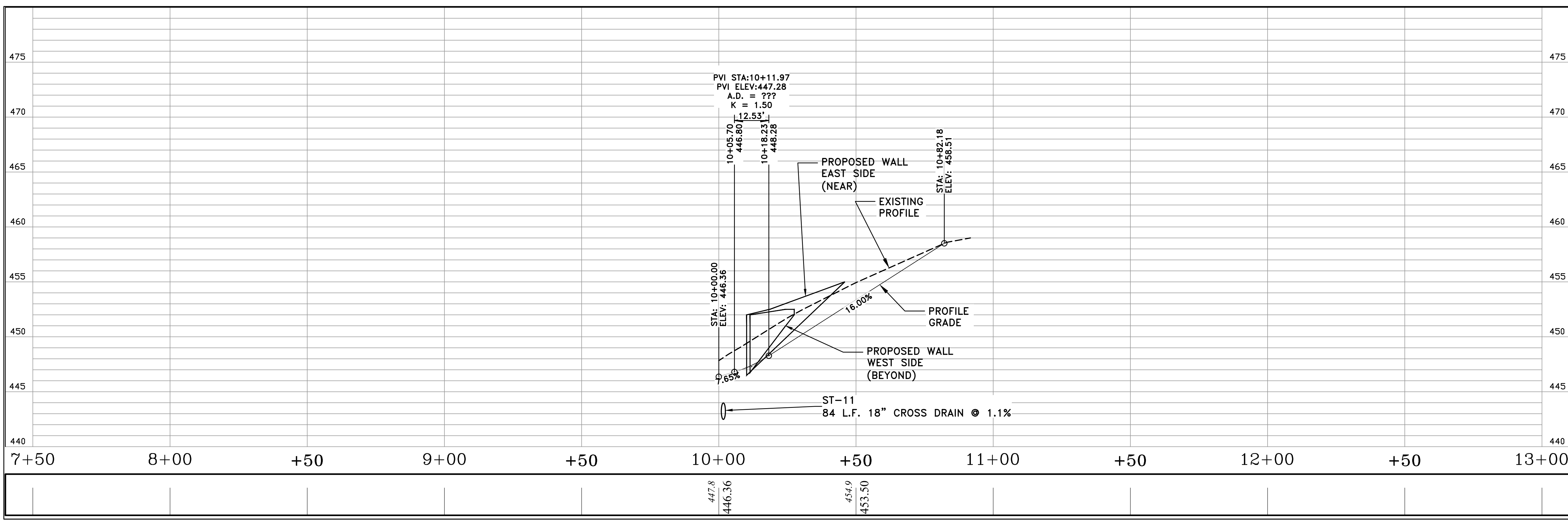
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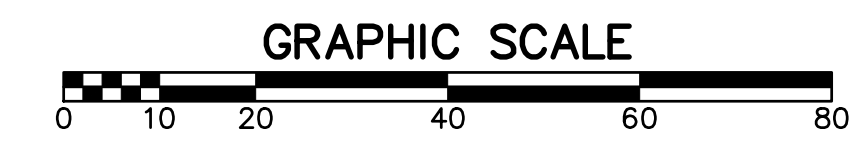
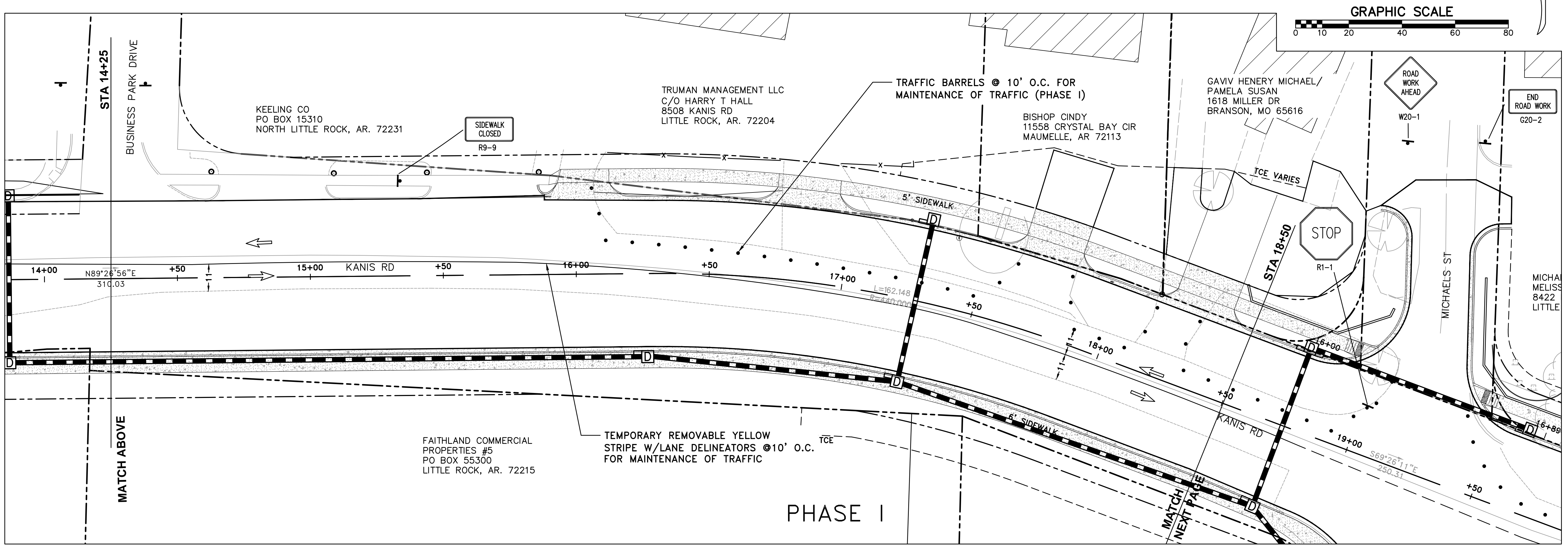
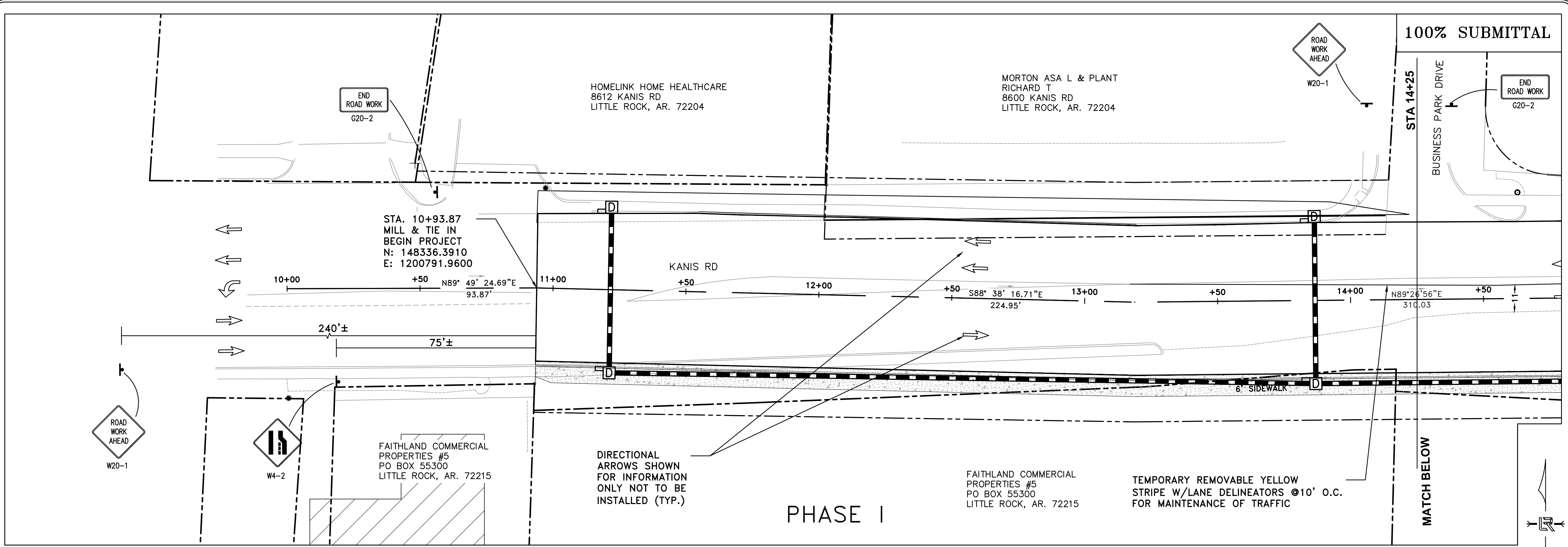
CITY OF LITTLE ROCK, ARKANSAS
 KANSAS ROAD IMPROVEMENTS
 P&P SHEET 5

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 C10





REVISIONS	DATE

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

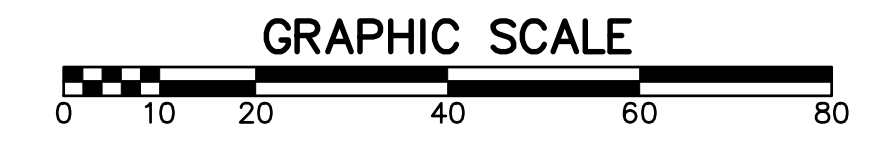
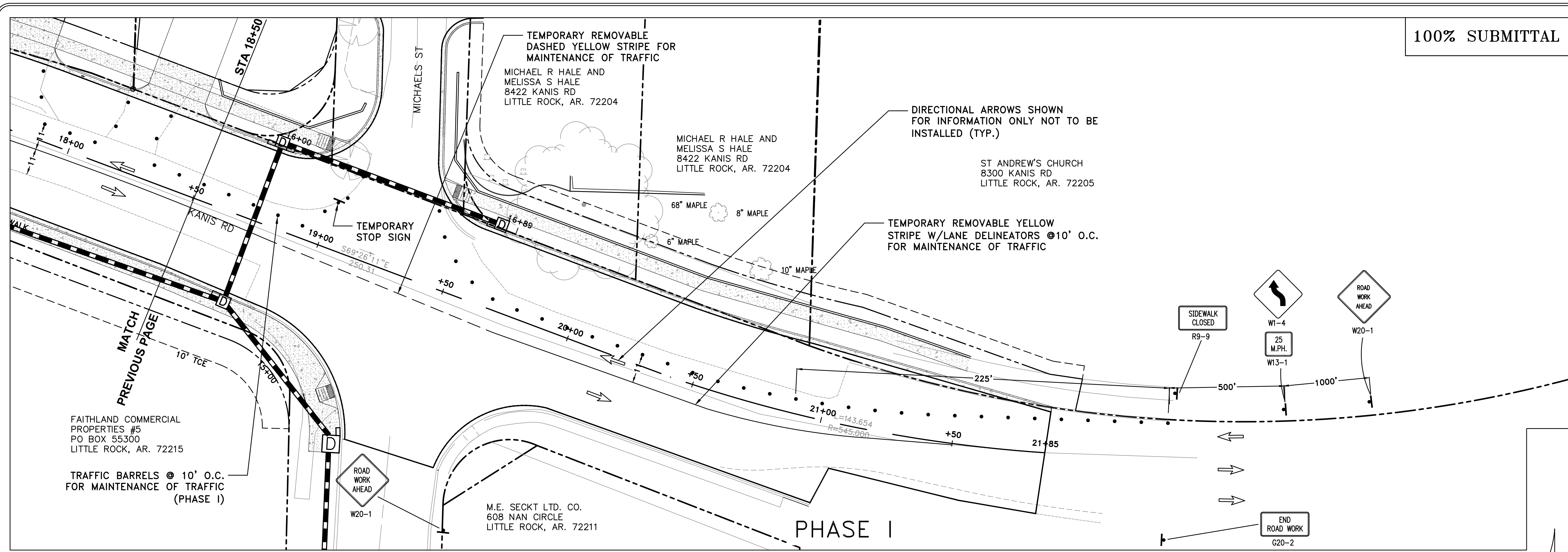
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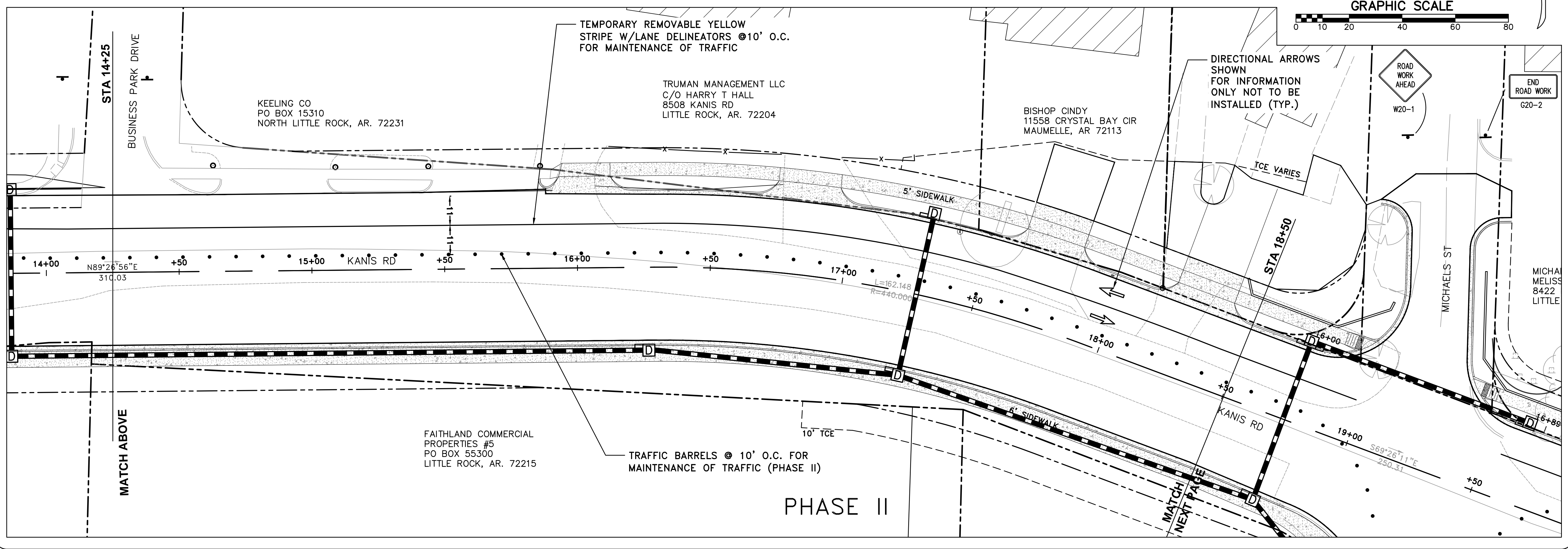
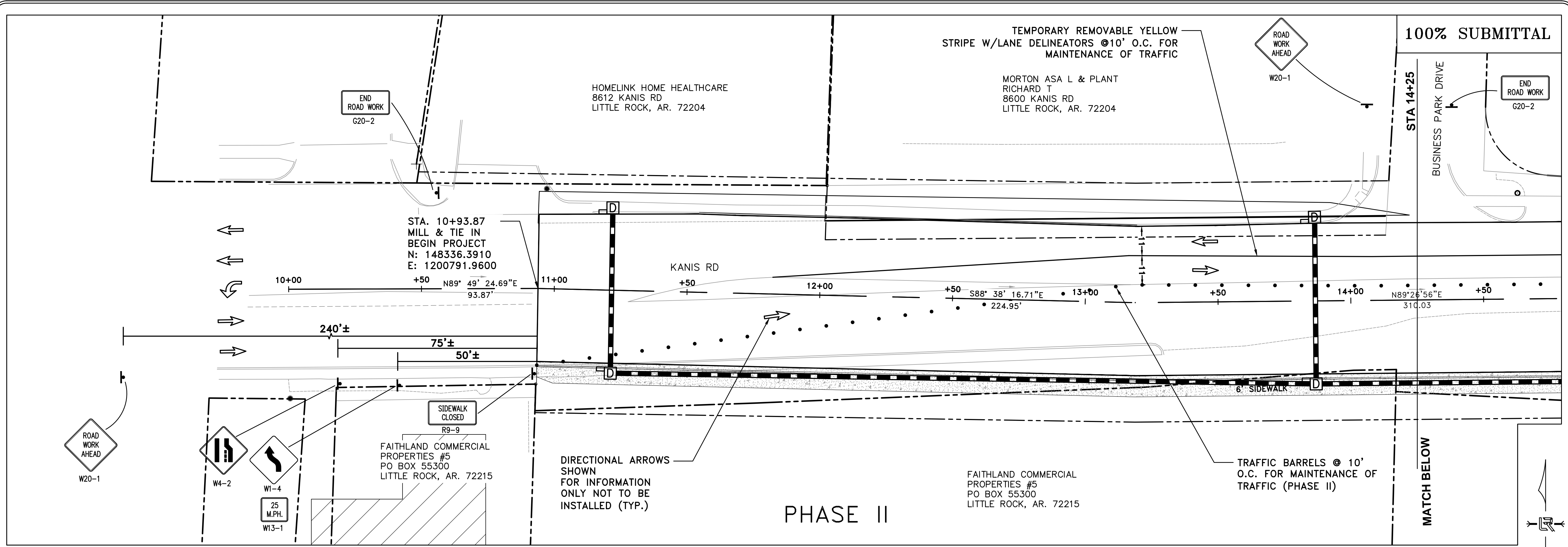


CITY OF LITTLE ROCK, ARKANSAS
 KANIS ROAD IMPROVEMENTS
 MAINTENANCE OF TRAFFIC PHASE I SHEET 2

DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
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SHEET NO.	C12



REVISIONS	DATE

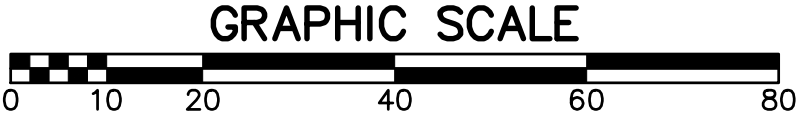
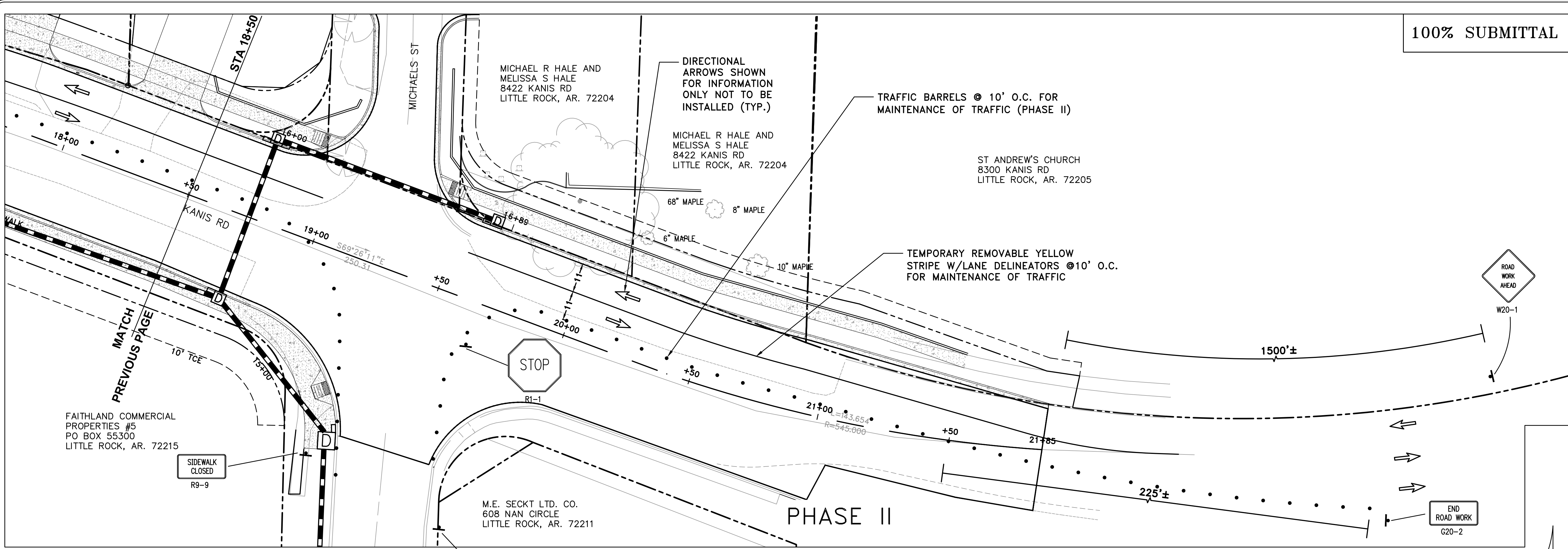
CITY OF LITTLE ROCK, ARKANSAS
 KANIS ROAD IMPROVEMENTS
 MAINTENANCE OF TRAFFIC PHASE II SHEET 1

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SHEET NO.	C14

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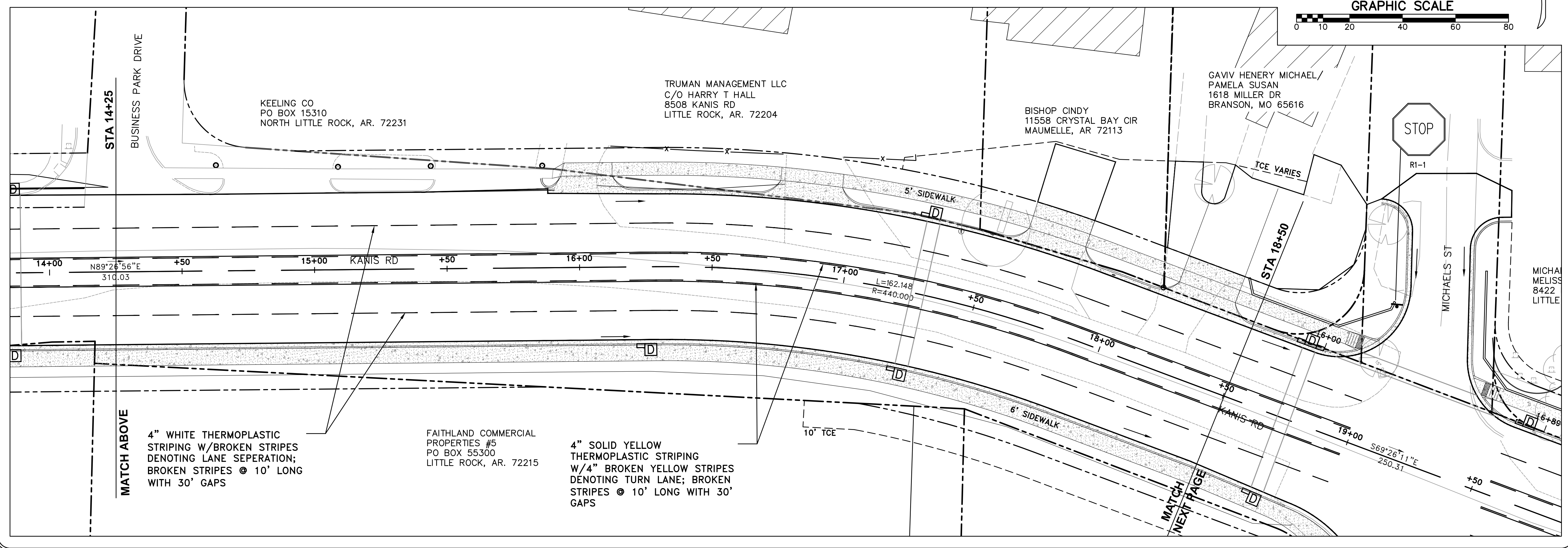
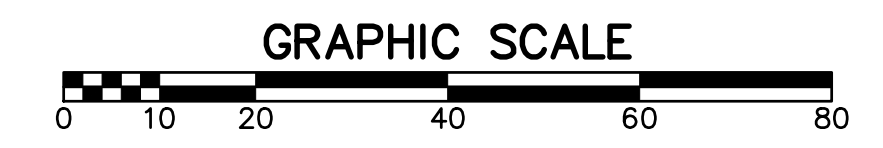
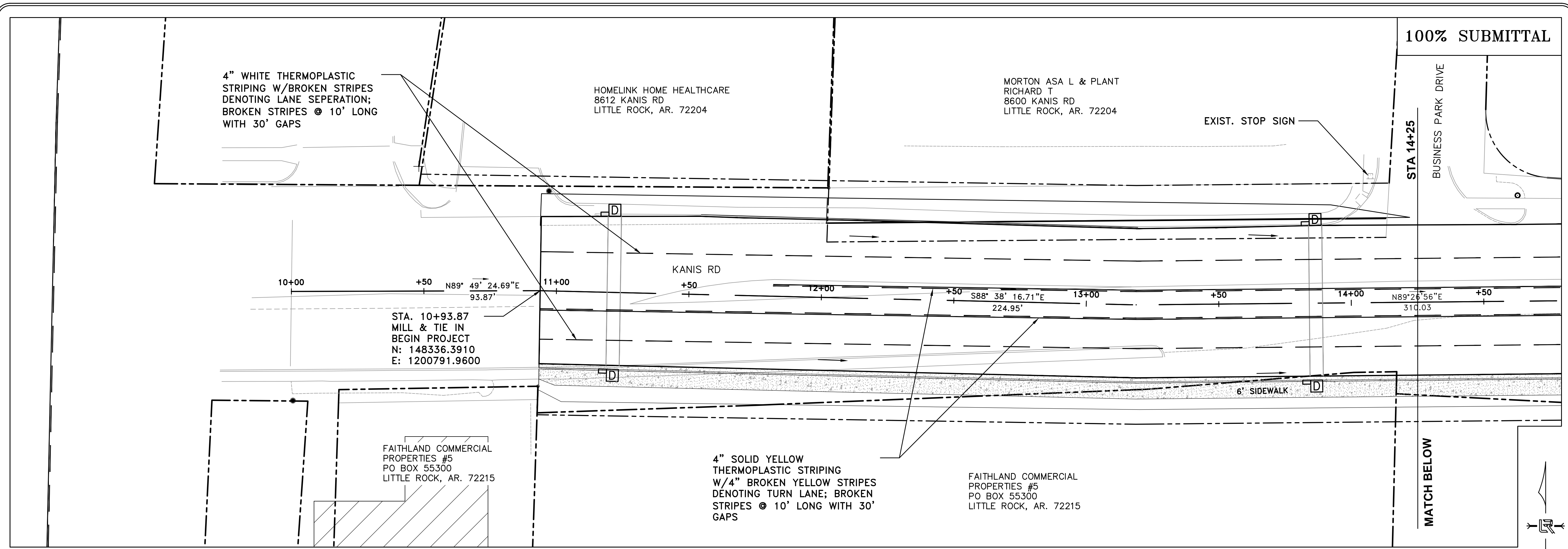
REVISIONS	DATE

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

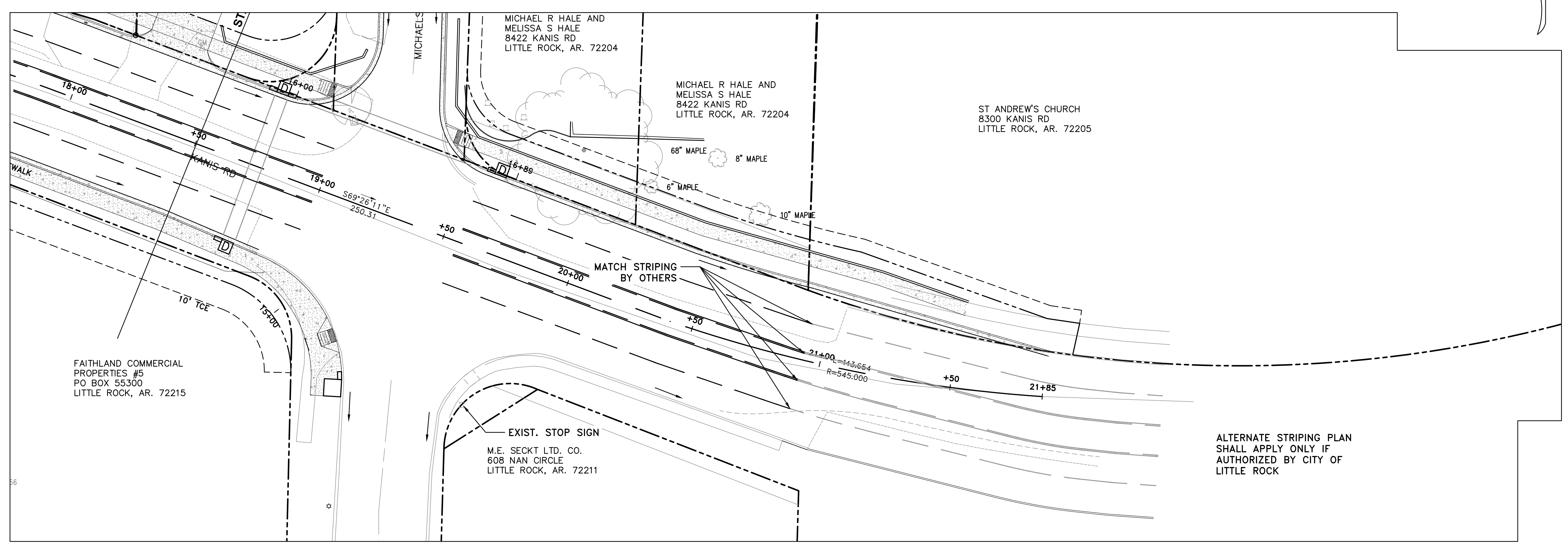
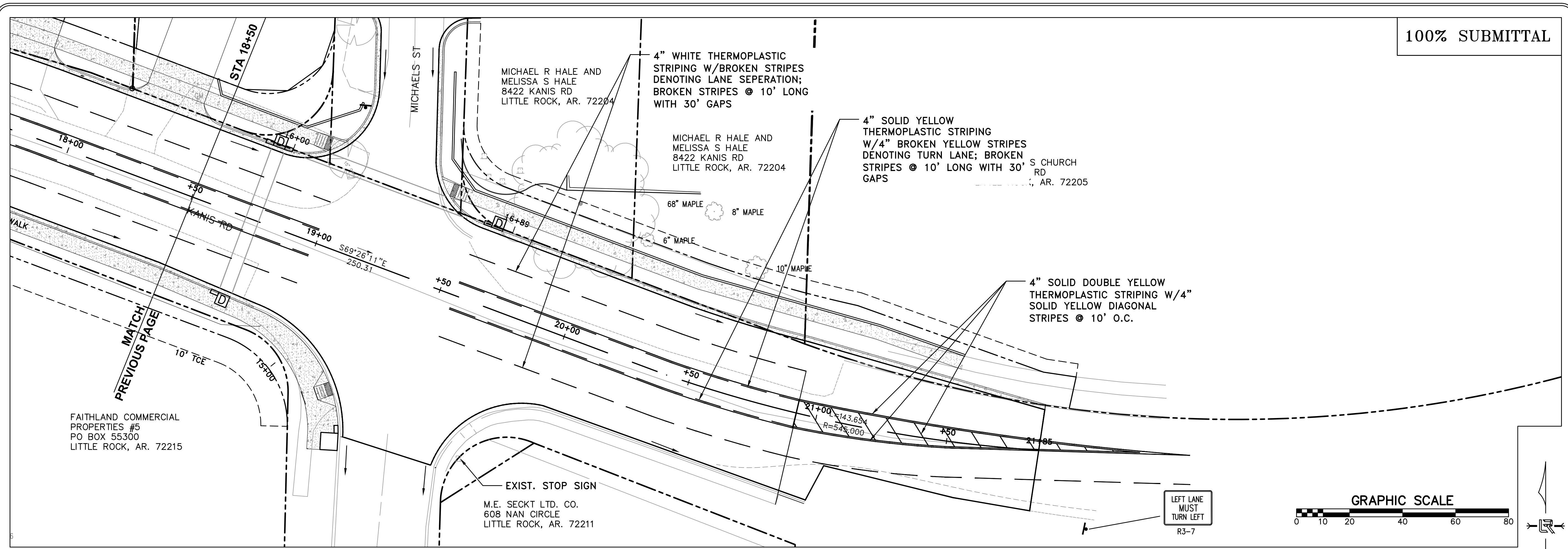


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 TH
 DESIGNED
 TDF
 CHECKED
 BAP
 DATE
 05-08-2020
 SCALE
 H: 1"=20'
 V: 1"=5'
 PROJECT NO.
 06-17-222B
 SHEET NO.
 C15



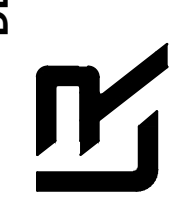
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REVISIONS	DATE



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

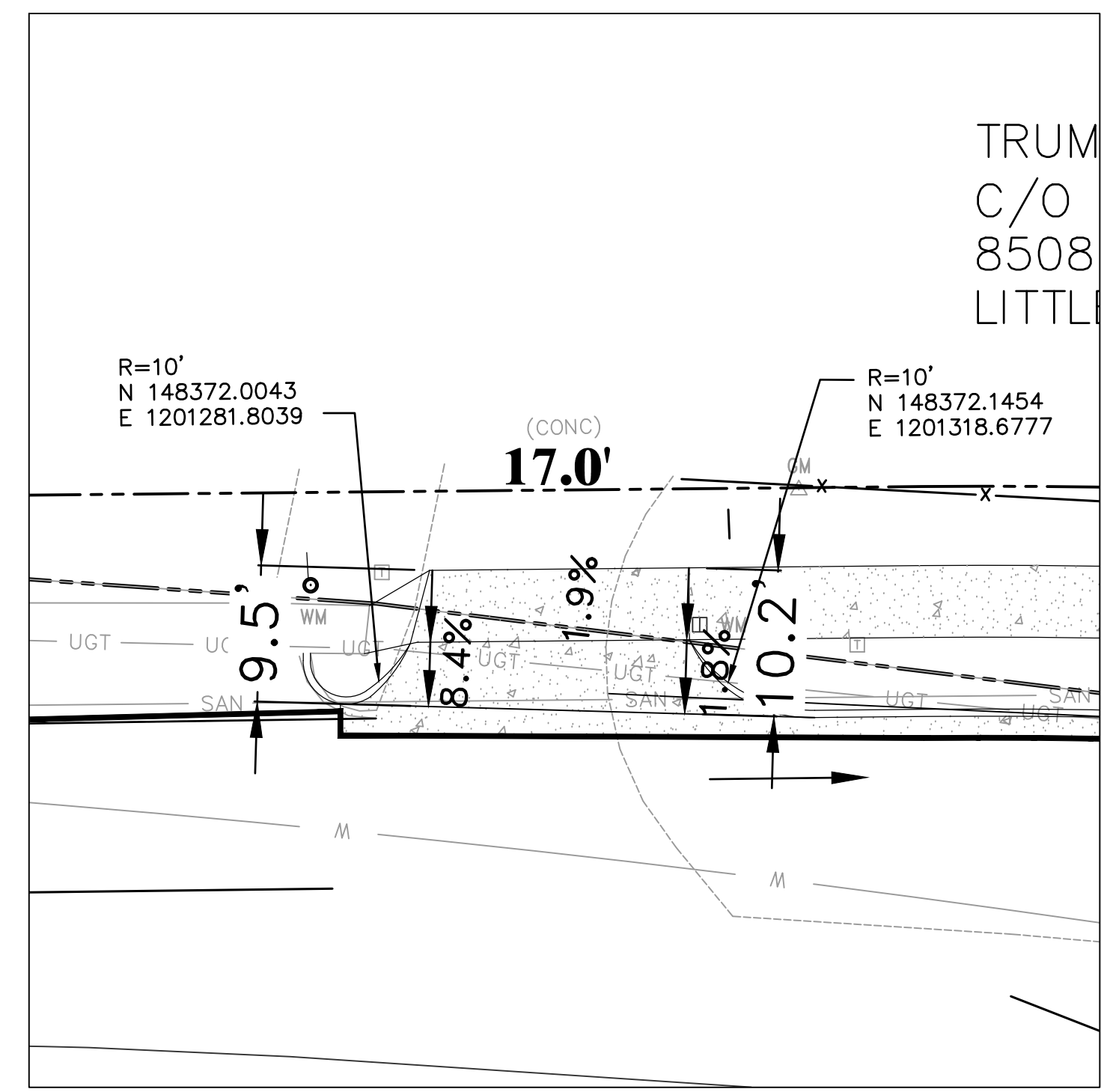


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DATE	05-08-2020
SCALE	H: 1"=20' V: 1"=5'
PROJECT NO.	06-17-222B
SHEET NO.	C16

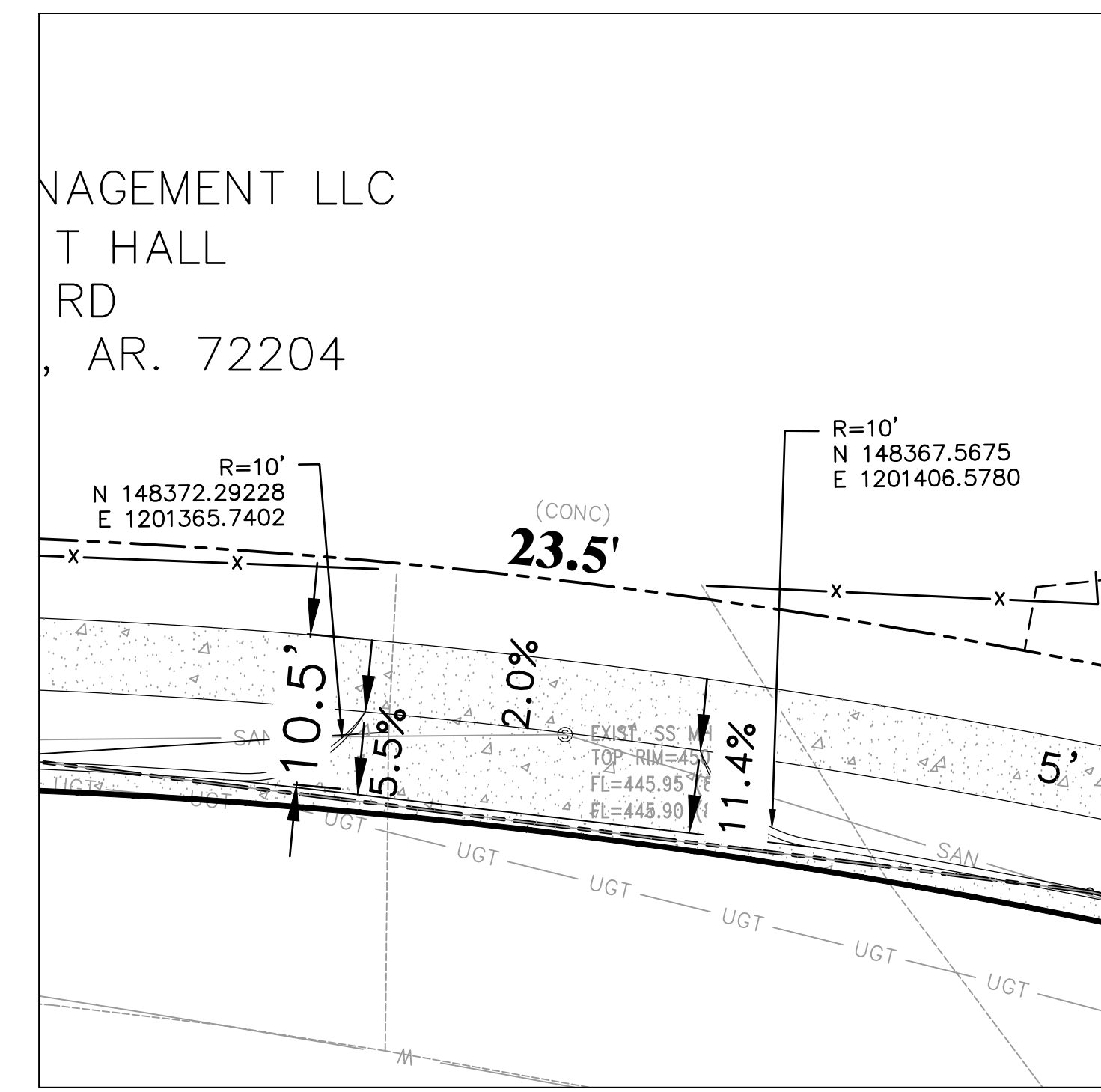
ALTERNATE STRIPING PLAN
 SHALL APPLY ONLY IF
 AUTHORIZED BY CITY OF
 LITTLE ROCK

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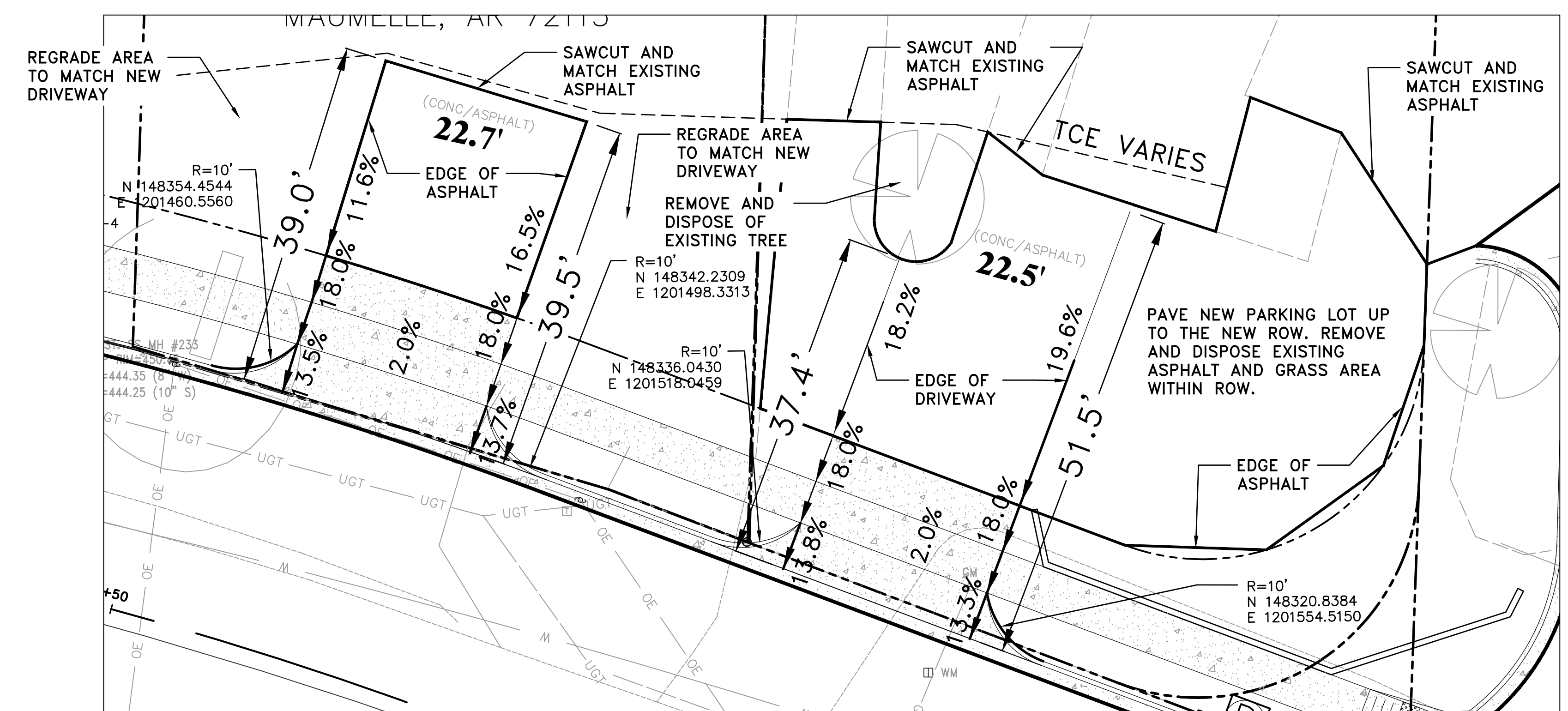
REVISIONS	DATE



STA: 16+00 LT

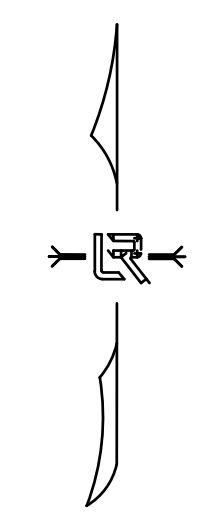
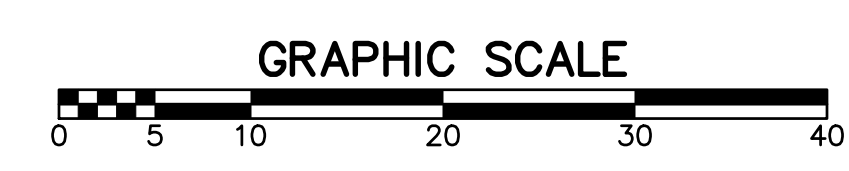


STA: 16+85 LT



STA: 17+70 LT

STA: 18+30 LT



CITY OF LITTLE ROCK, ARKANSAS
KANIS ROAD IMPROVEMENTS
DRIVEWAY GRADING

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



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TH
DESIGNED
TDF
CHECKED
BAP
DATE
05-08-2020
SCALE
H: 1"=10'
PROJECT NO.
06-17-222B
SHEET NO.
C17

REVISIONS	DATE

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

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CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201



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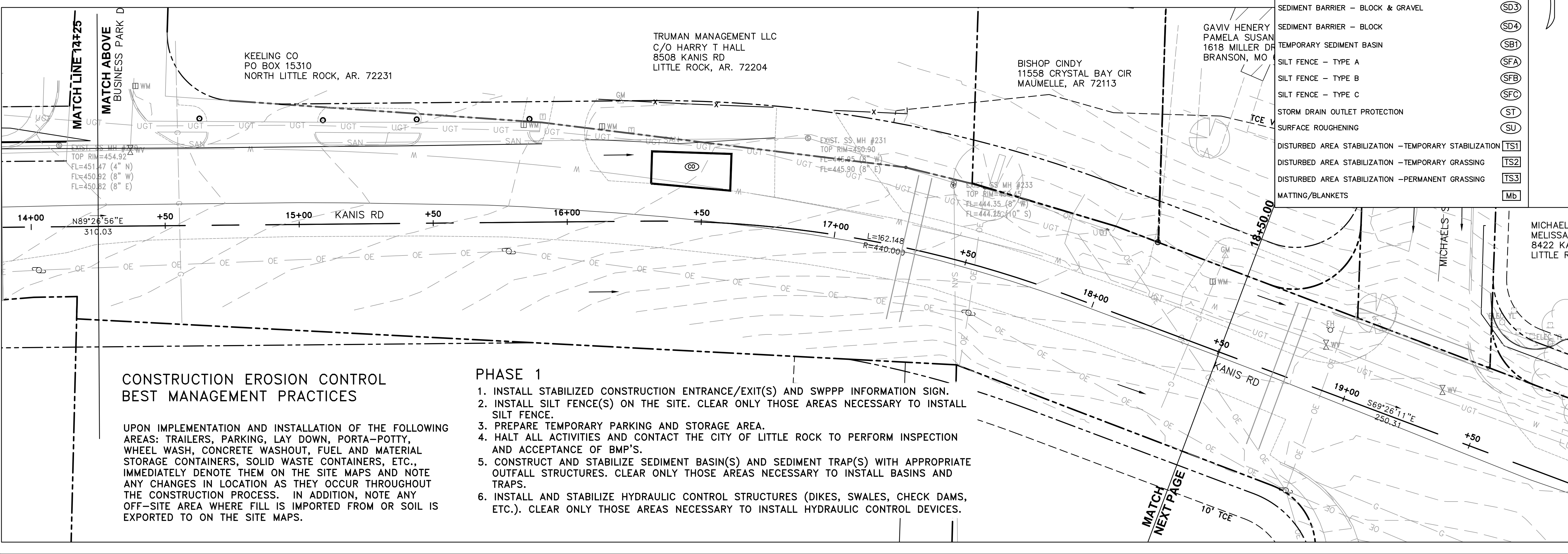
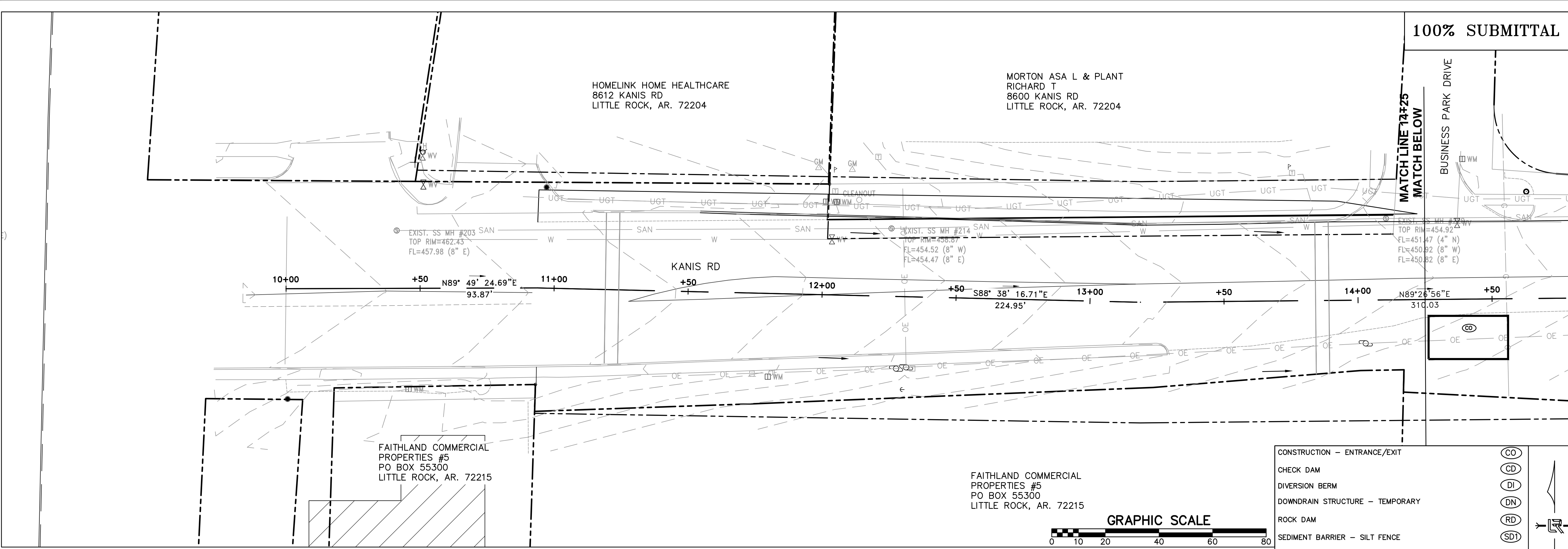
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DATE
05-08-2020

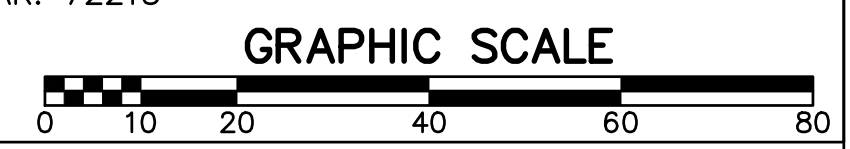
SCALE
H: 1"=20'

PROJECT NO.
06-17-222B

SHEET NO.
C18



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.

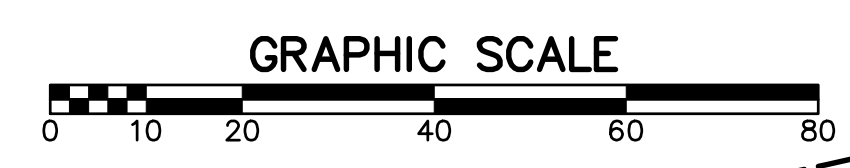
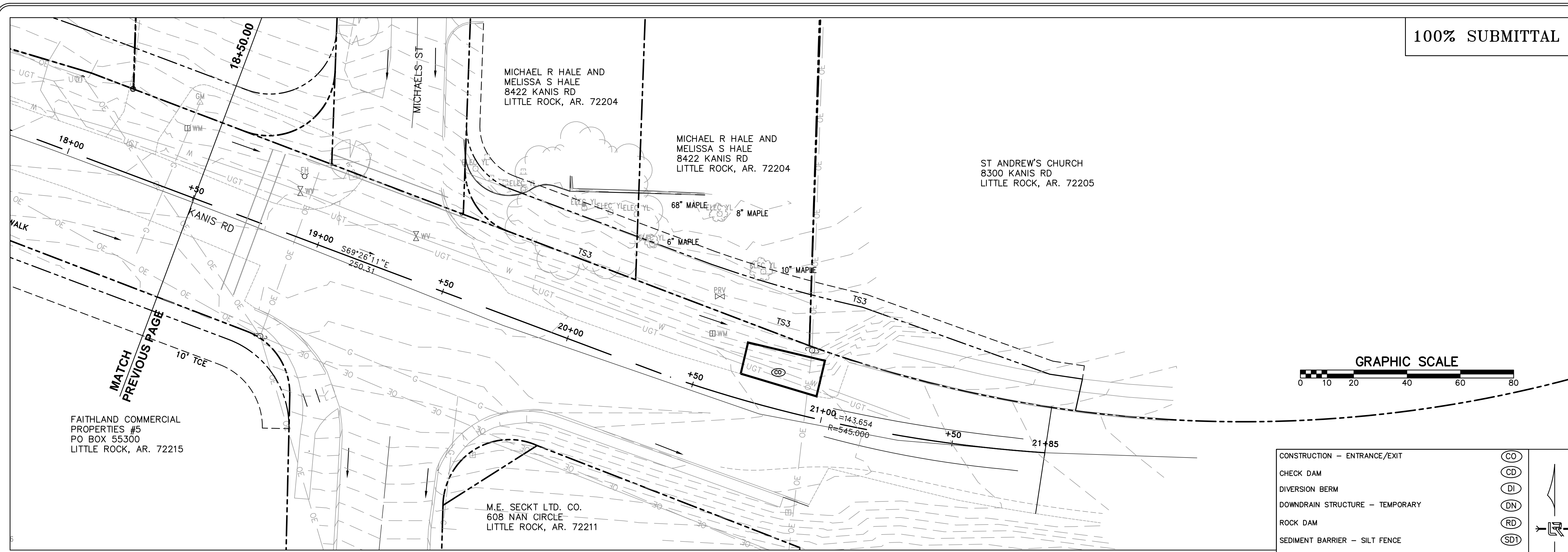
PHASE 1

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.

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REVISIONS	DATE

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



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)

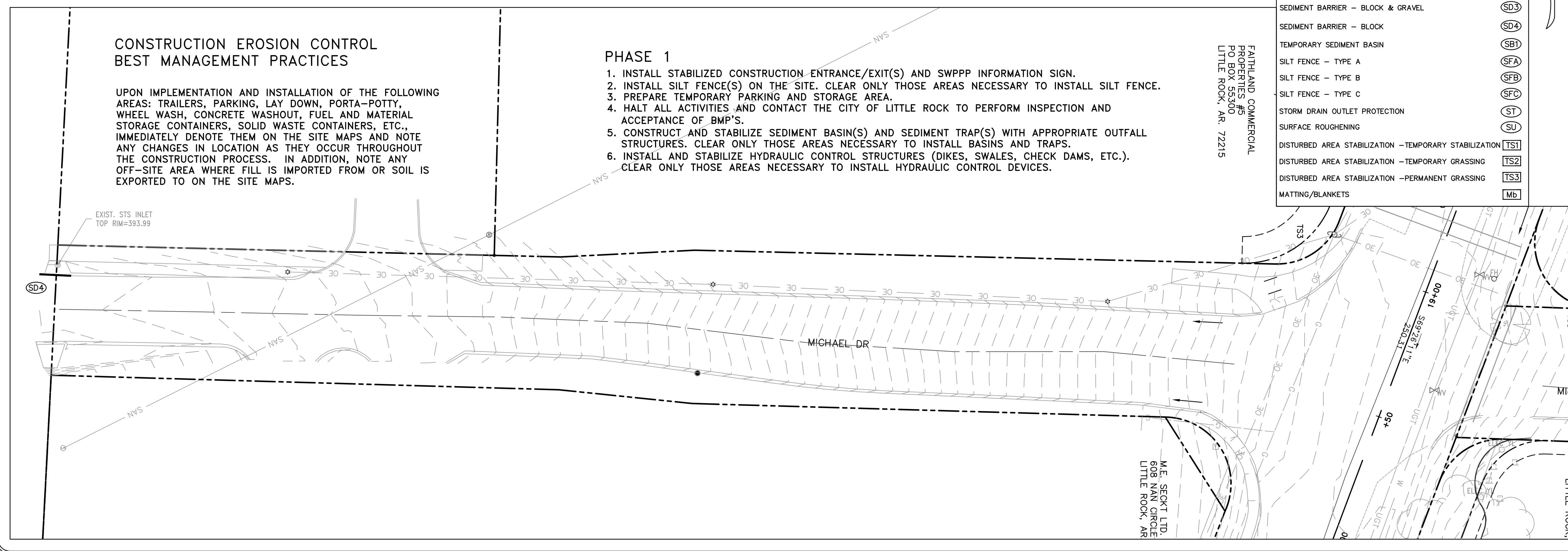
CONSTRUCTION EROSION CONTROL BEST MANAGEMENT PRACTICES

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 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.

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

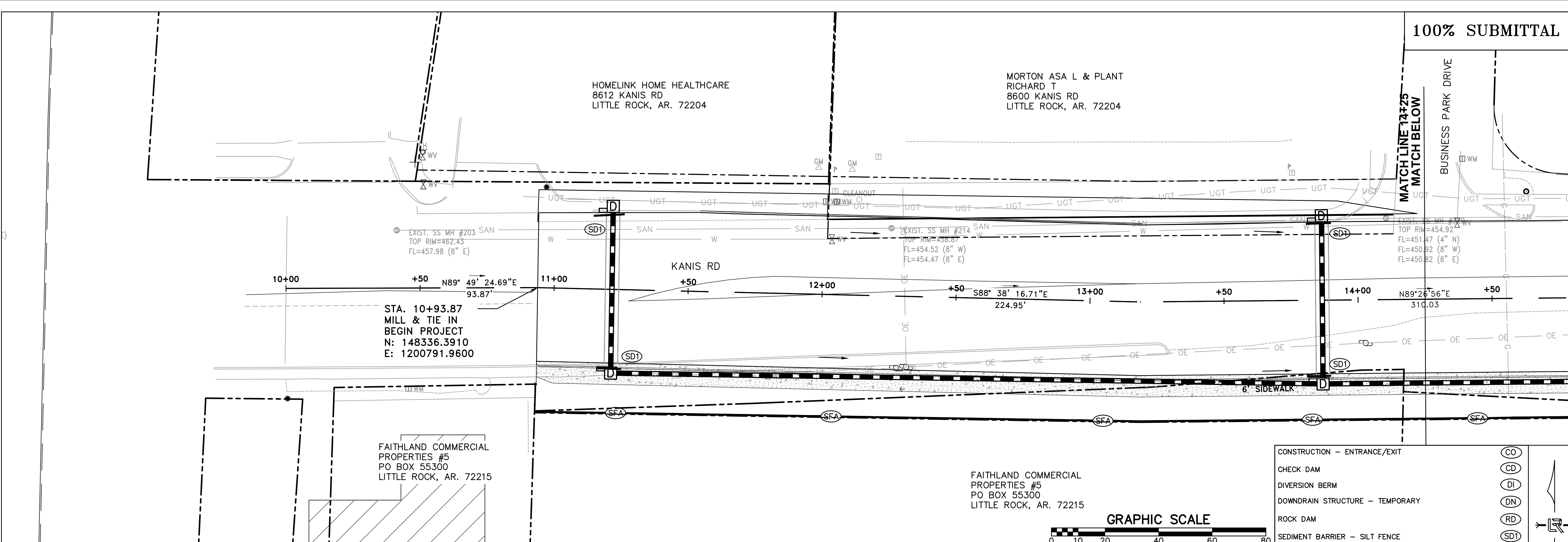


DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201



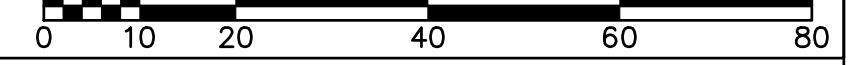
DRAWN BY	TH
DESIGNED	TDF
CHECKED	BAP
DATE	05-08-2020
SCALE	H: 1"=20'
PROJECT NO.	06-17-222B
SHEET NO.	C19

REVISIONS	DATE

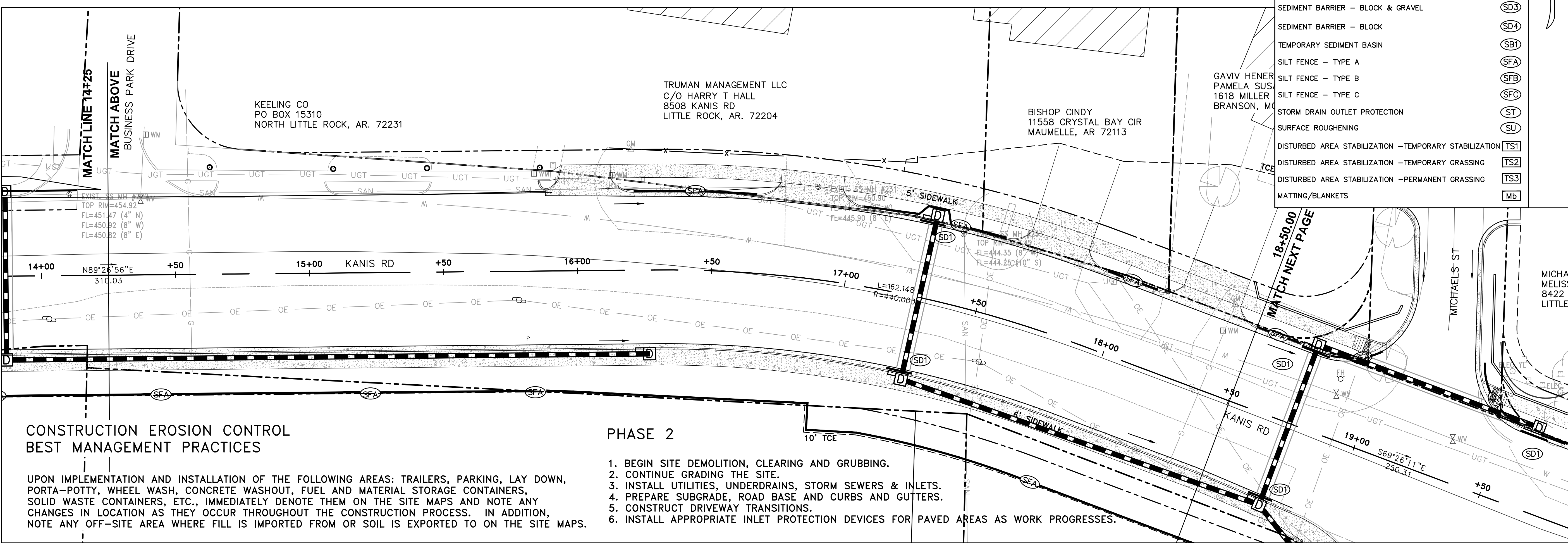


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GRAPHIC SCALE



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

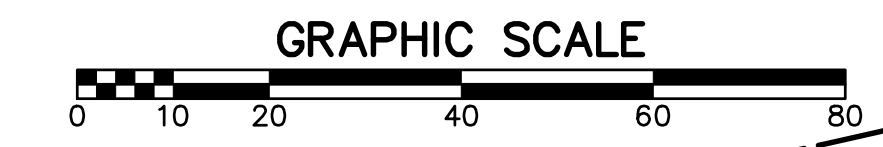
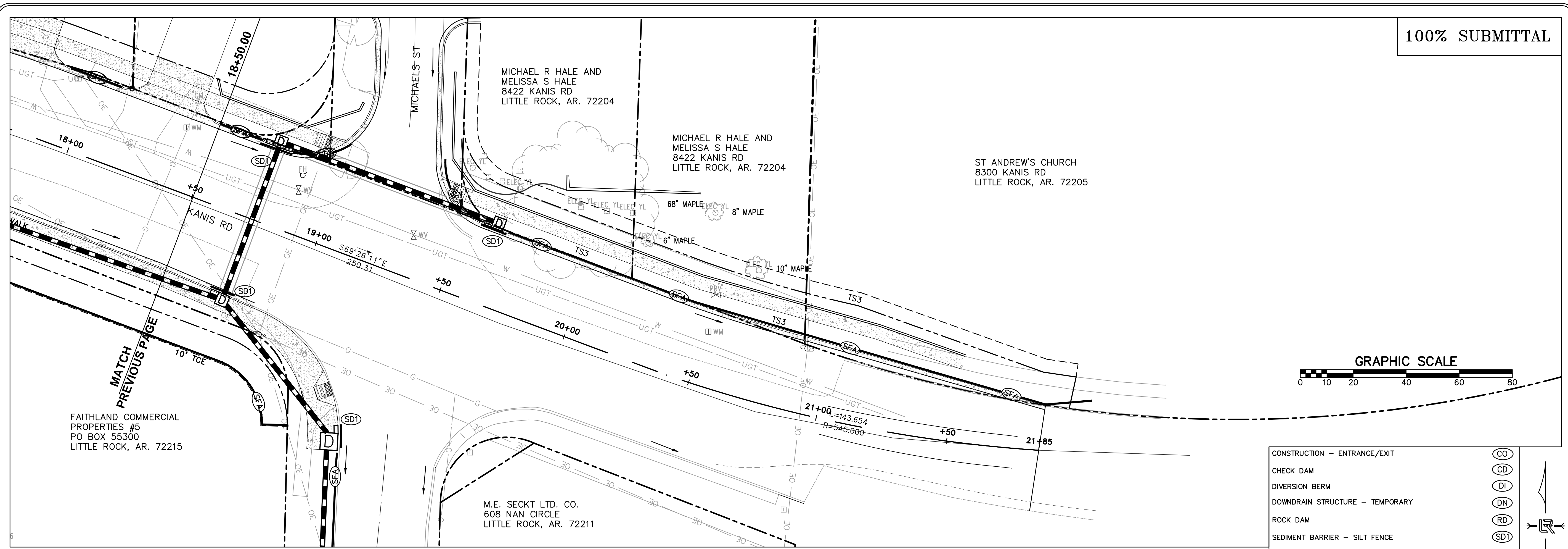
DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201



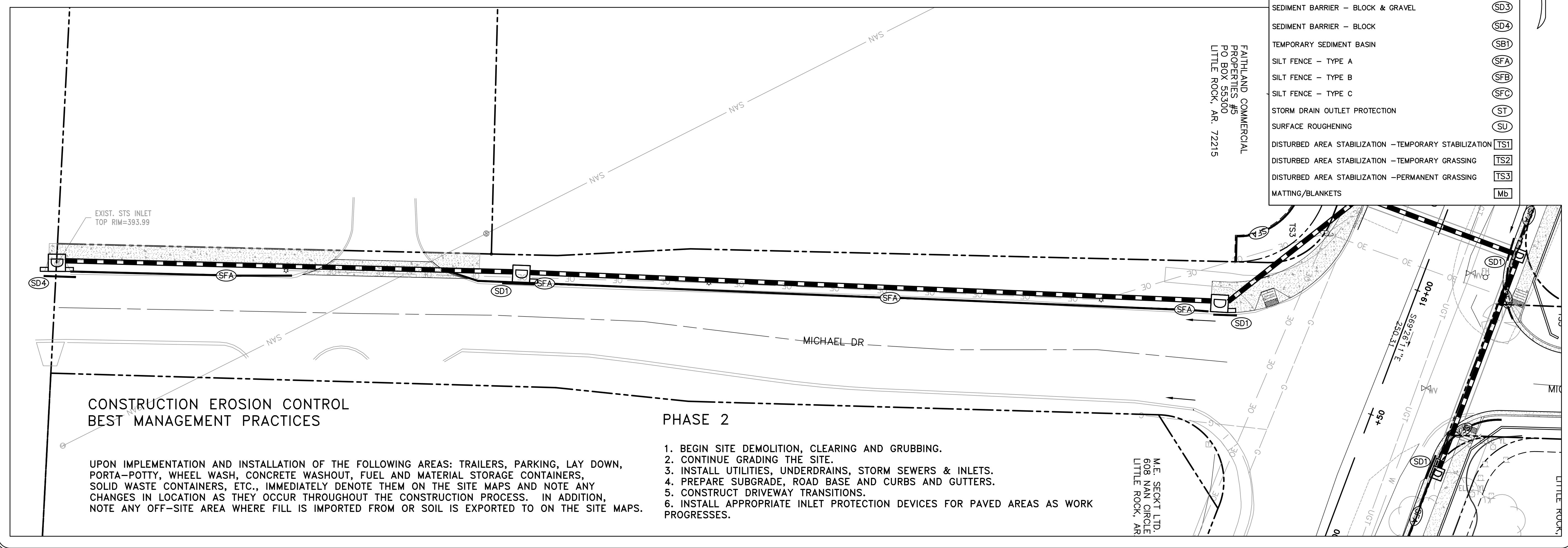
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DATE	05-08-2020
SCALE	H: 1"=20'
PROJECT NO.	06-17-222B
SHEET NO.	C20

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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)



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

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

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

1. BEGIN SITE DEMOLITION, CLEARING AND GRUBBING.
2. CONTINUE GRADING THE SITE.
3. INSTALL UTILITIES, UNDERDRAINS, STORM SEWERS & INLETS.
4. PREPARE SUBGRADE, ROAD BASE AND CURBS AND GUTTERS.
5. CONSTRUCT DRIVEWAY TRANSITIONS.
6. 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

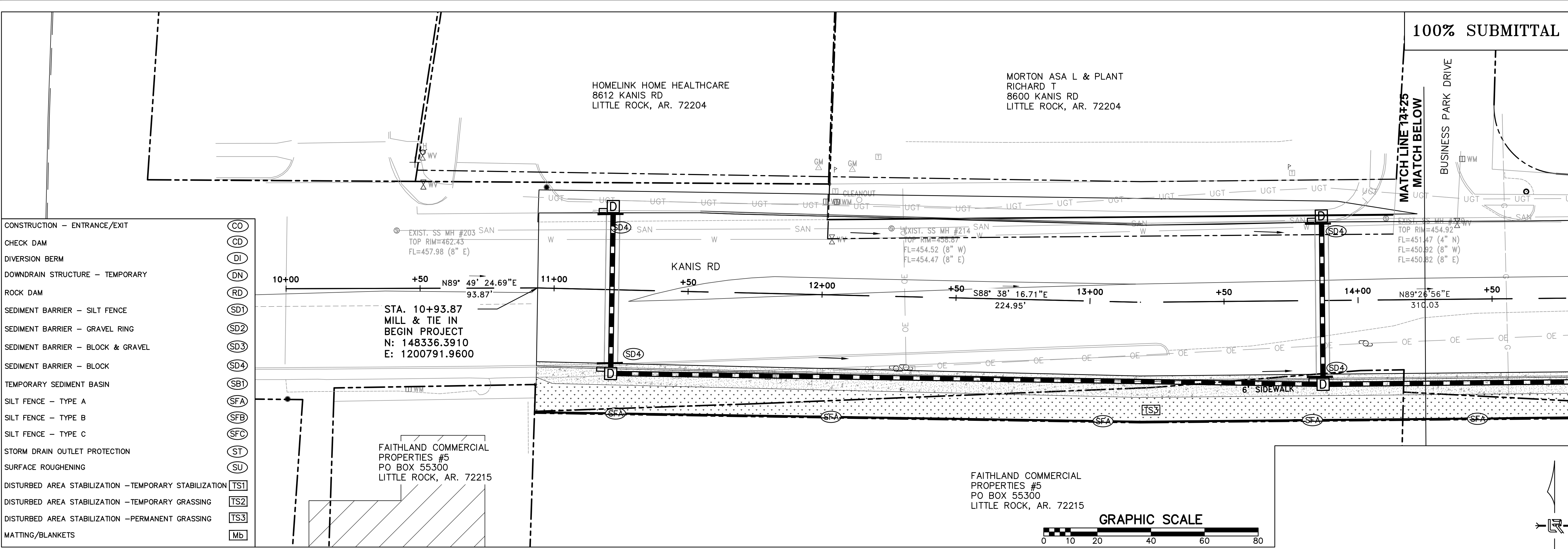
DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201



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CHECKED BAP
DATE 05-08-2020
SCALE H: 1"=20'
PROJECT NO. 06-17-222B
SHEET NO. C21

REVISIONS	DATE

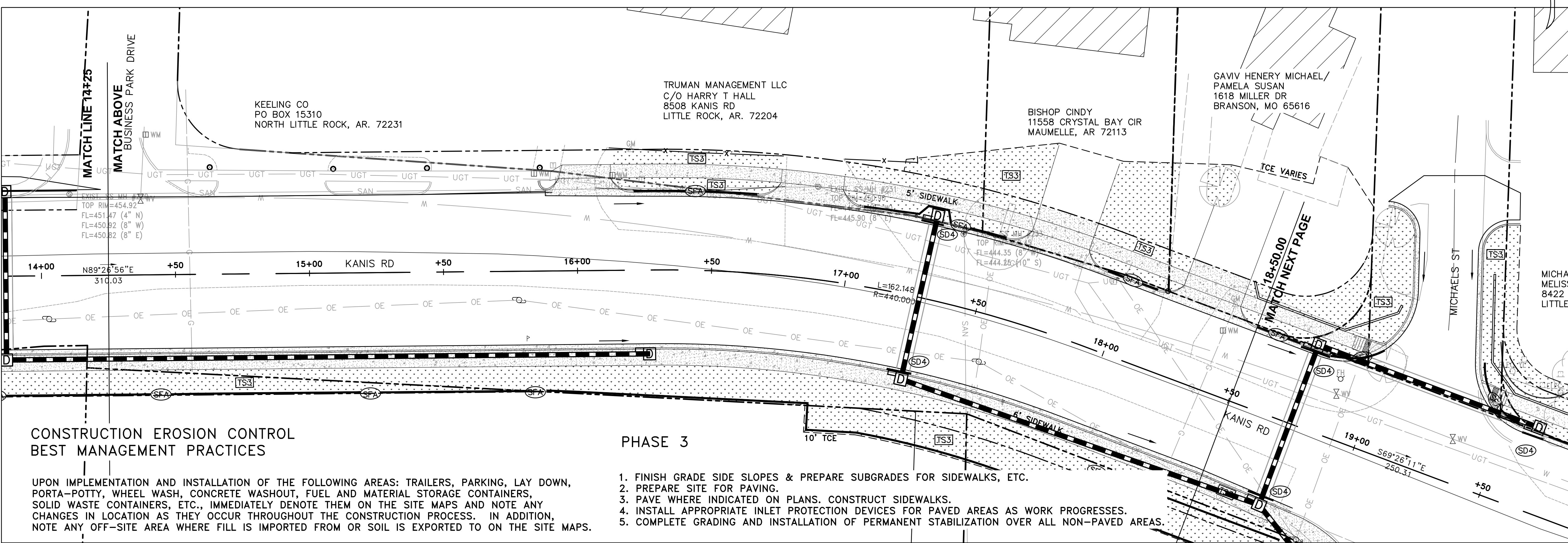
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CONSTRUCTION - ENTRANCE/EXIT	(CO)
CHECK DAM	(CD)
DIVERSION BERM	(DI)
DOWNDRAIN STRUCTURE - TEMPORARY	(DN)
ROCK DAM	(RD)
SEDIMENT BARRIER - SILT FENCE	(SD1)
SEDIMENT BARRIER - GRAVEL RING	(SD2)
SEDIMENT BARRIER - BLOCK & GRAVEL	(SD3)
SEDIMENT BARRIER - 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)

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



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.

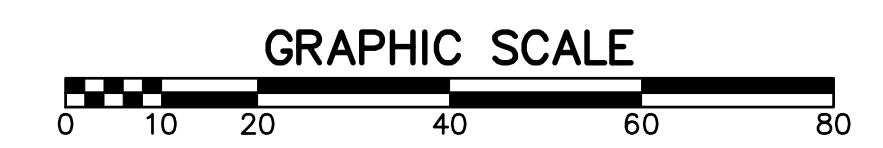
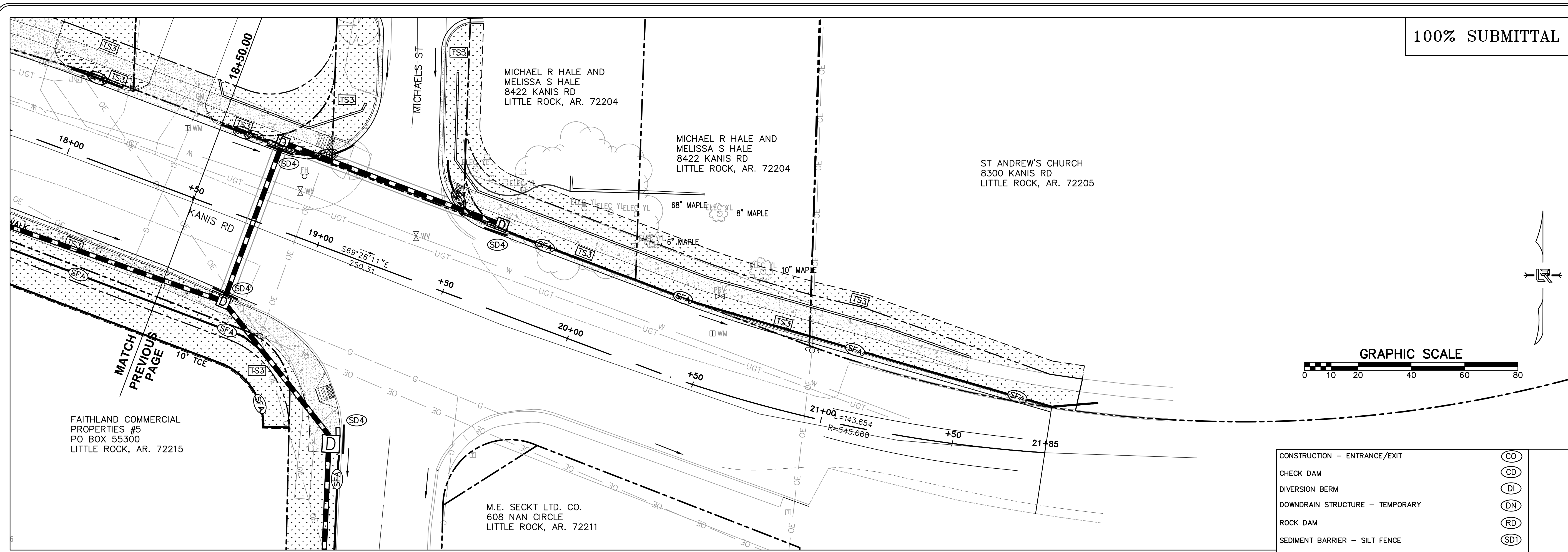
PHASE 3

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.

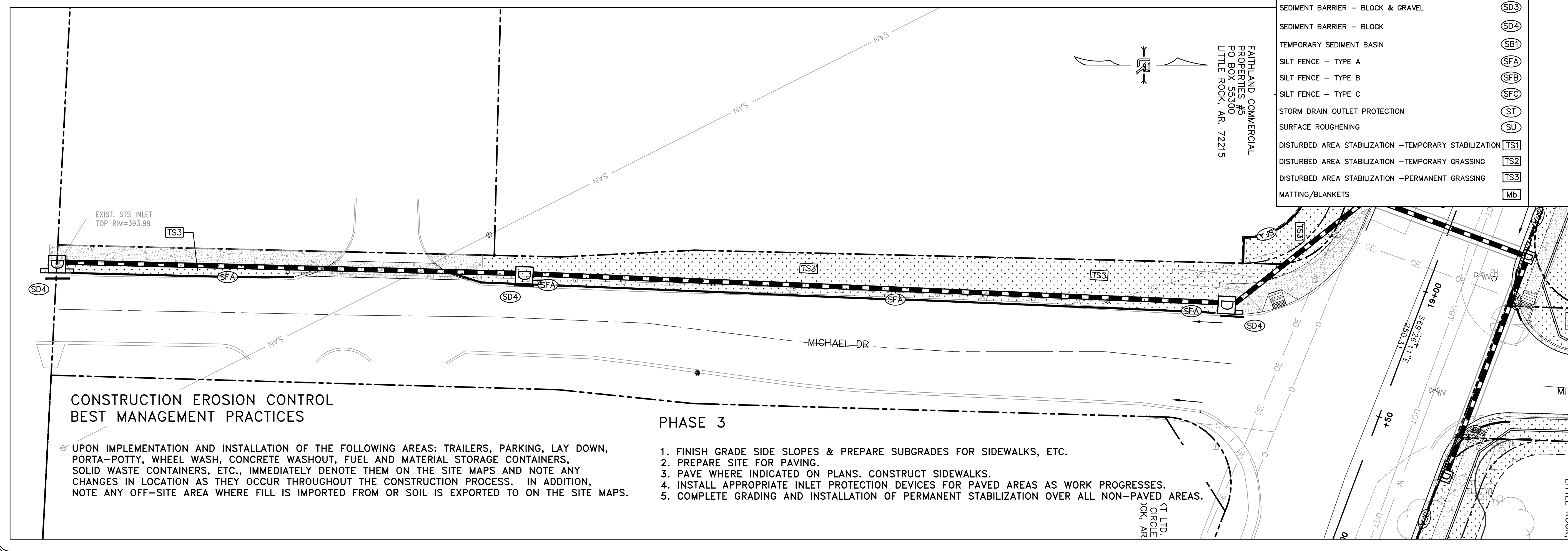
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CHECKED	
BAP	
DATE	05-08-2020
SCALE	H: 1"=20'
PROJECT NO.	06-17-222B
SHEET NO.	C22

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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)



**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.

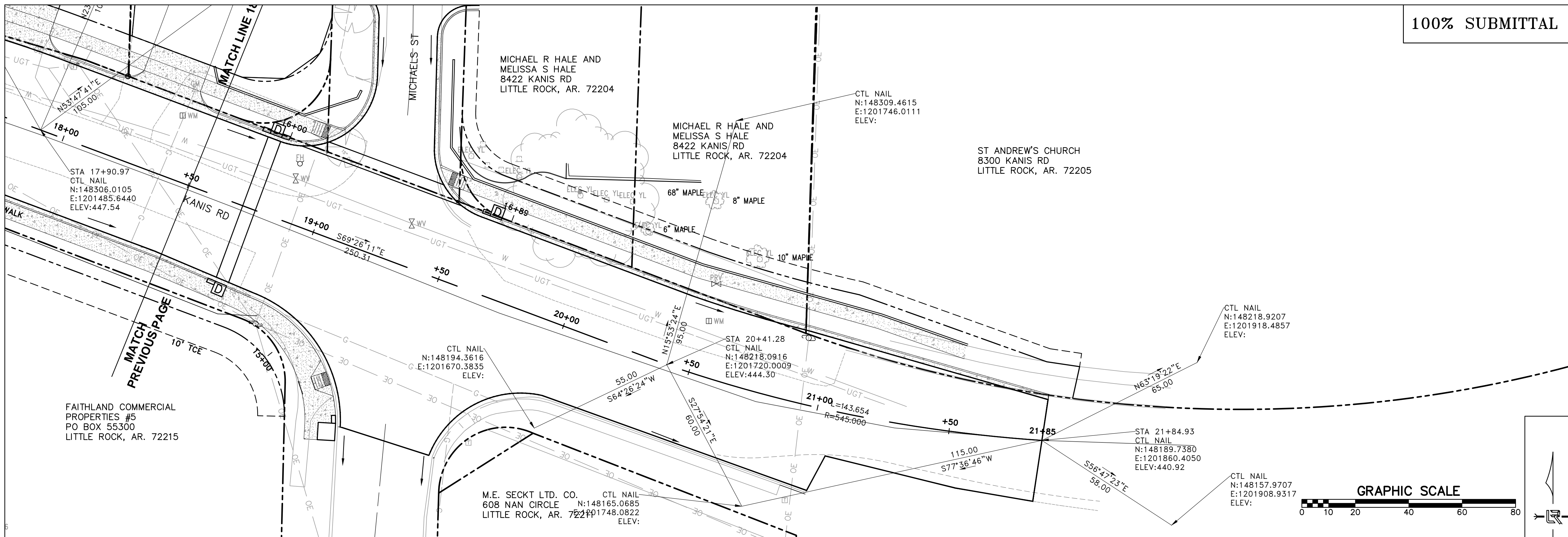
CITY OF LITTLE ROCK, ARKANSAS
KANIS ROAD IMPROVEMENTS
EROSION CONTROL PH III SHEET 2

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



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DESIGNED	TDF
CHECKED	BAP
DATE	05-08-2020
SCALE	H: 1"=20'
PROJECT NO.	06-17-222B
SHEET NO.	C23

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REVISIONS	DATE

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

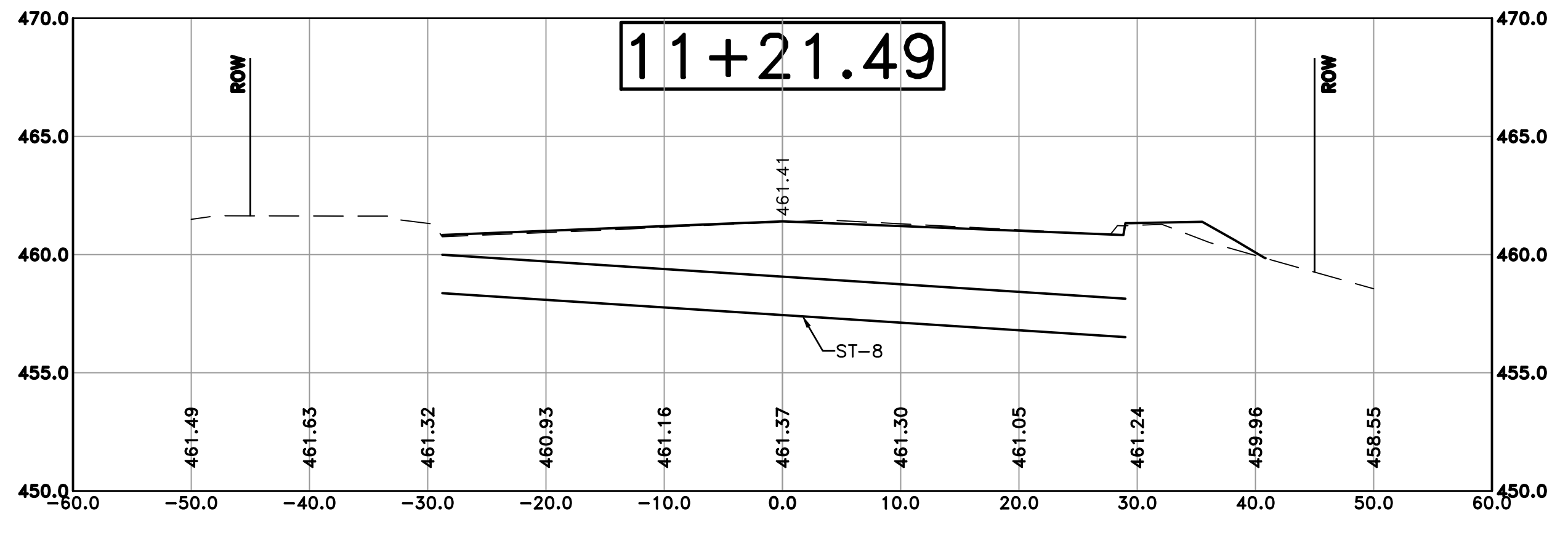
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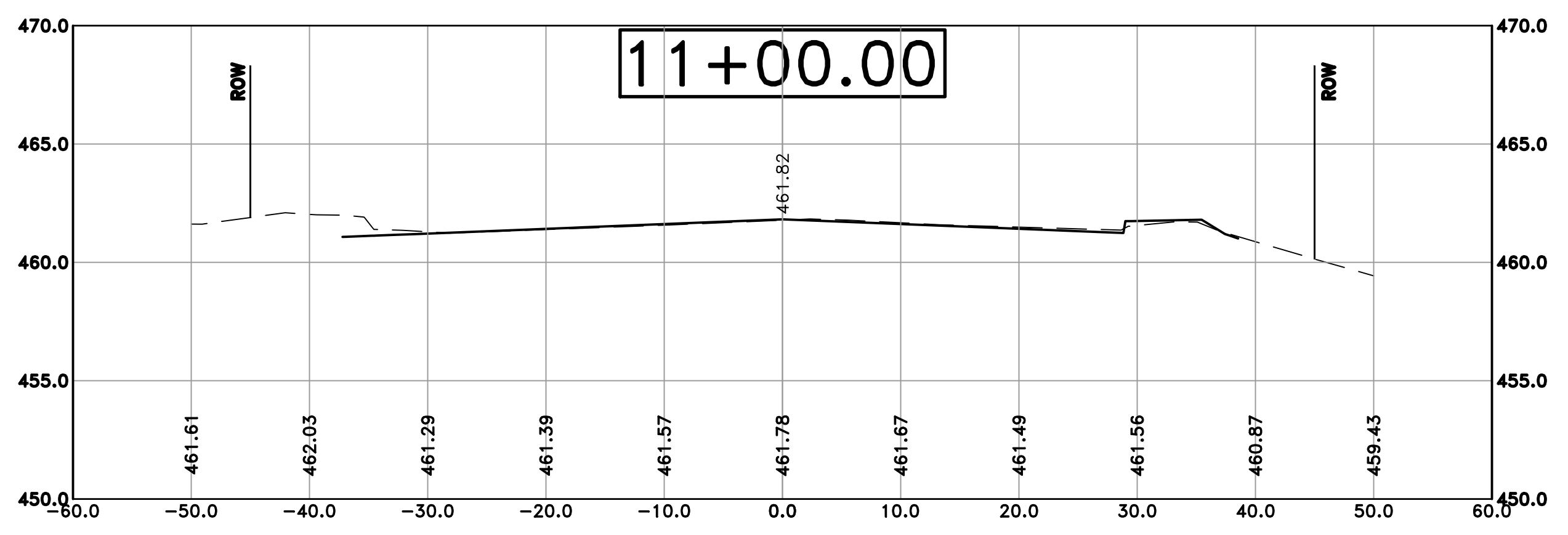
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DESIGNED	TDF
CHECKED	BAP
DATE	05-08-2020
SCALE	H: 1"=20'
PROJECT NO.	06-17-222B
SHEET NO.	C25

100% SUBMITTAL

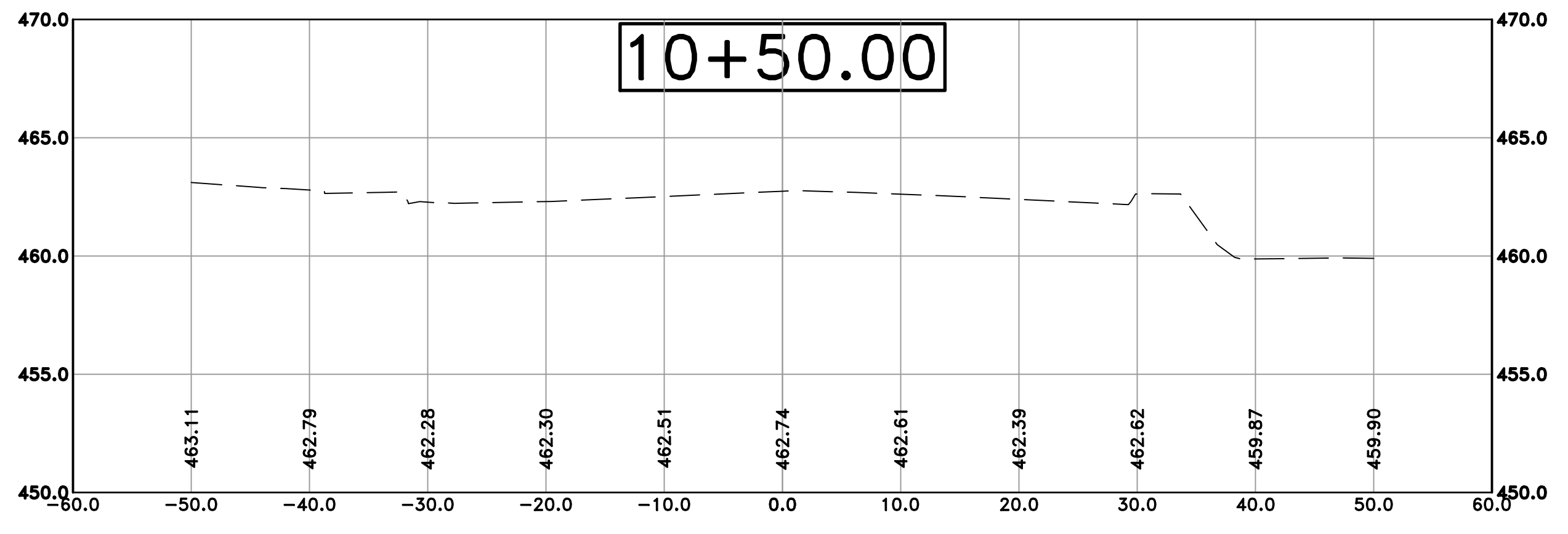
REVISIONS	DATE



Cut Area 57.72 ft2
 Fill Area 0.46 ft2
 Cut Vol 48.09 yds
 Fill Vol 0.18 yds



Cut Area 63.09 ft2
 Fill Area 0.00 ft2
 Cut Vol 58.56 yds
 Fill Vol 0.00 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

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 DESIGNED TDF
 CHECKED BAP
 DATE 05-08-2020
 SCALE V: 1"=5'
 PROJECT NO. 06-17-222B
 SHEET NO. C25

100% SUBMITTAL

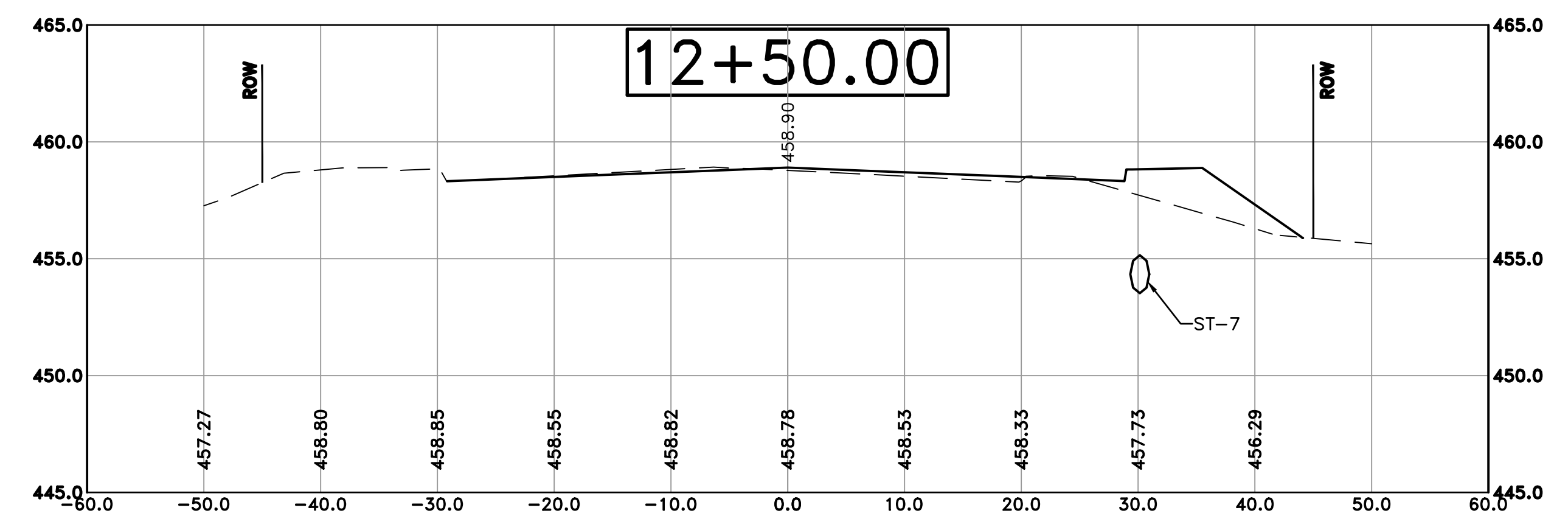
REVISIONS	DATE

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

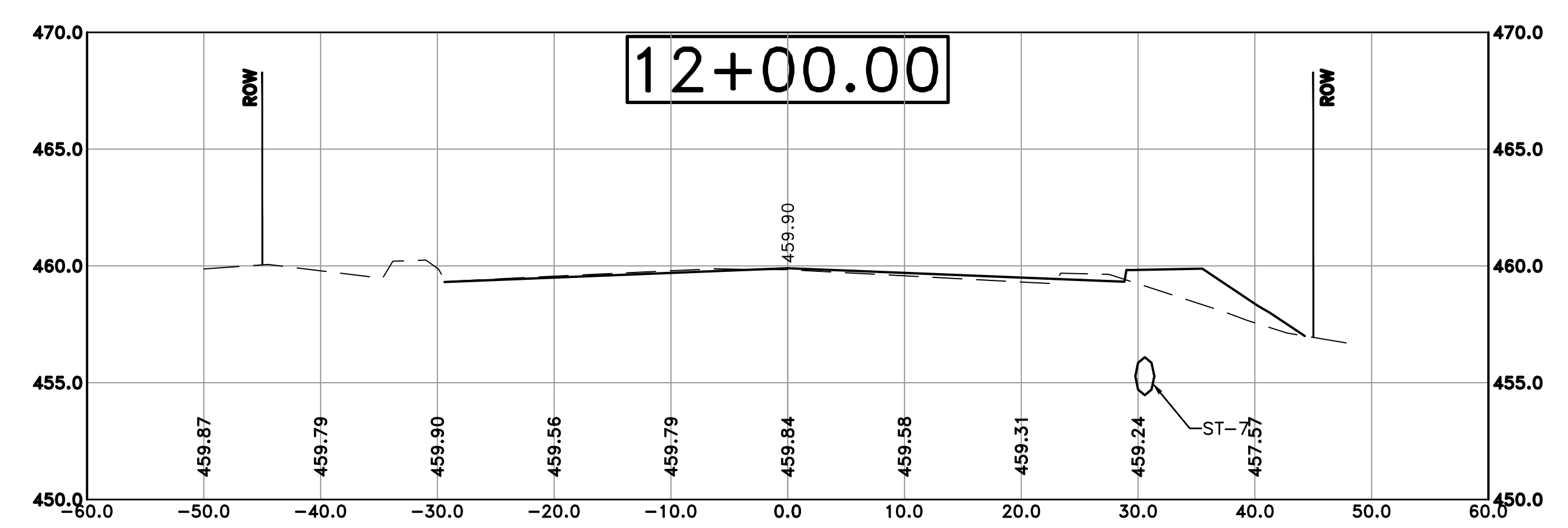
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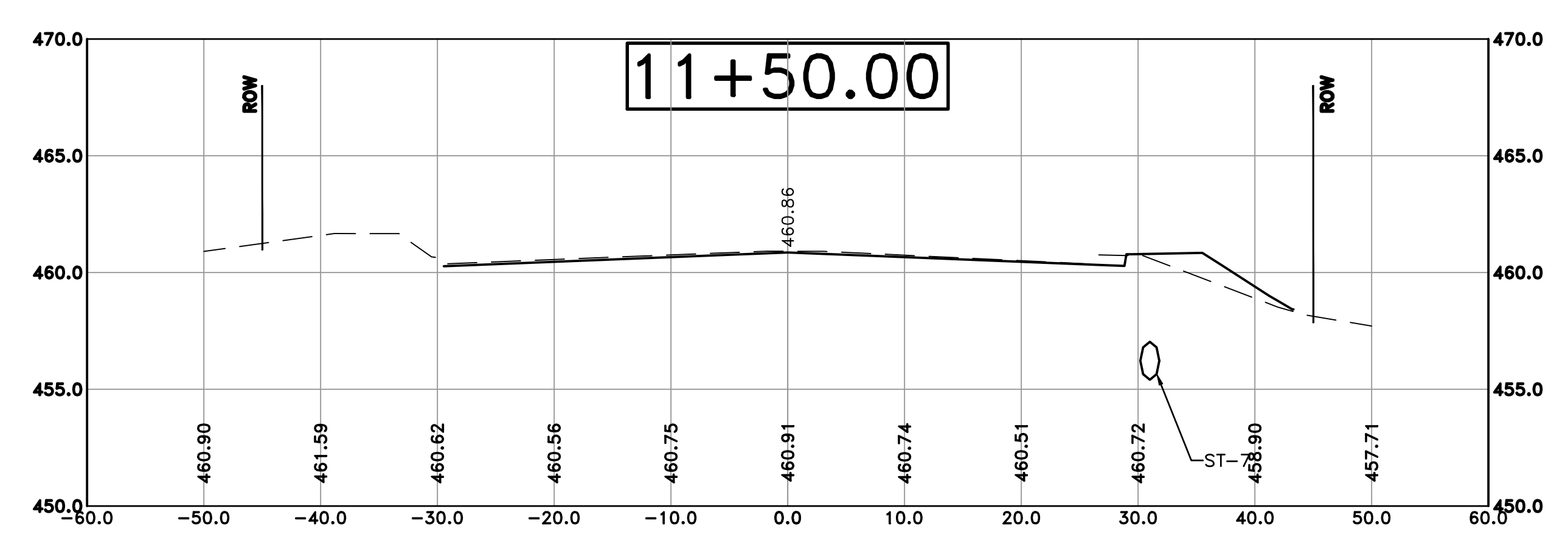
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CHECKED
 BAP
DATE
 05-08-2020
SCALE
 H: 1"=10'
 V: 1"=5'
PROJECT NO.
 06-17-222B
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 C26



Cut Area 43.99 ft2
 Fill Area 6.11 ft2
 Cut Vol 84.29 yds
 Fill Vol 9.26 yds



Cut Area 47.04 ft2
 Fill Area 3.89 ft2
 Cut Vol 93.42 yds
 Fill Vol 4.91 yds



Cut Area 53.86 ft2
 Fill Area 1.42 ft2
 Cut Vol 58.91 yds
 Fill Vol 0.99 yds

100% SUBMITTAL

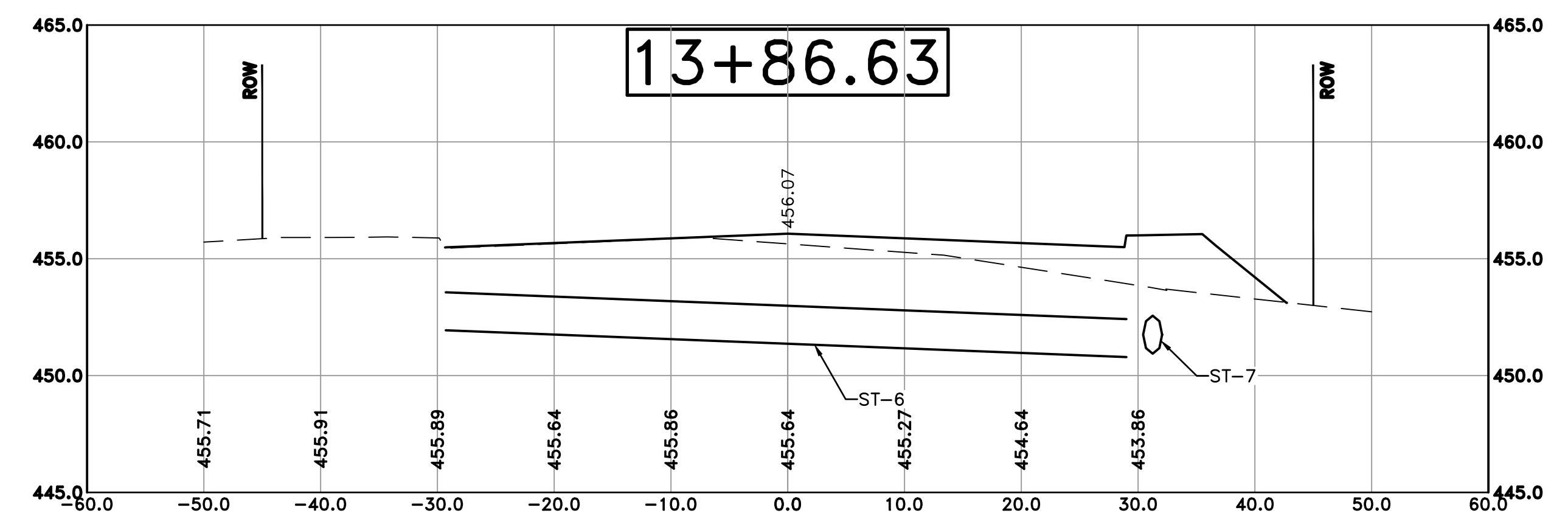
REVISIONS	DATE

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

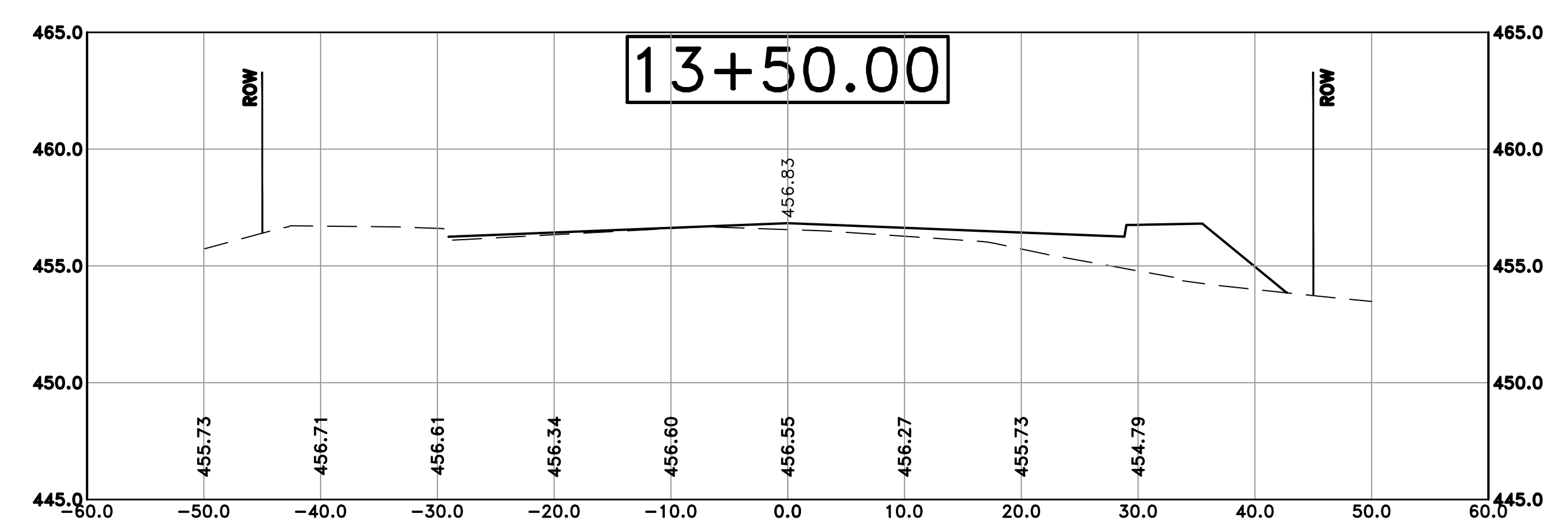
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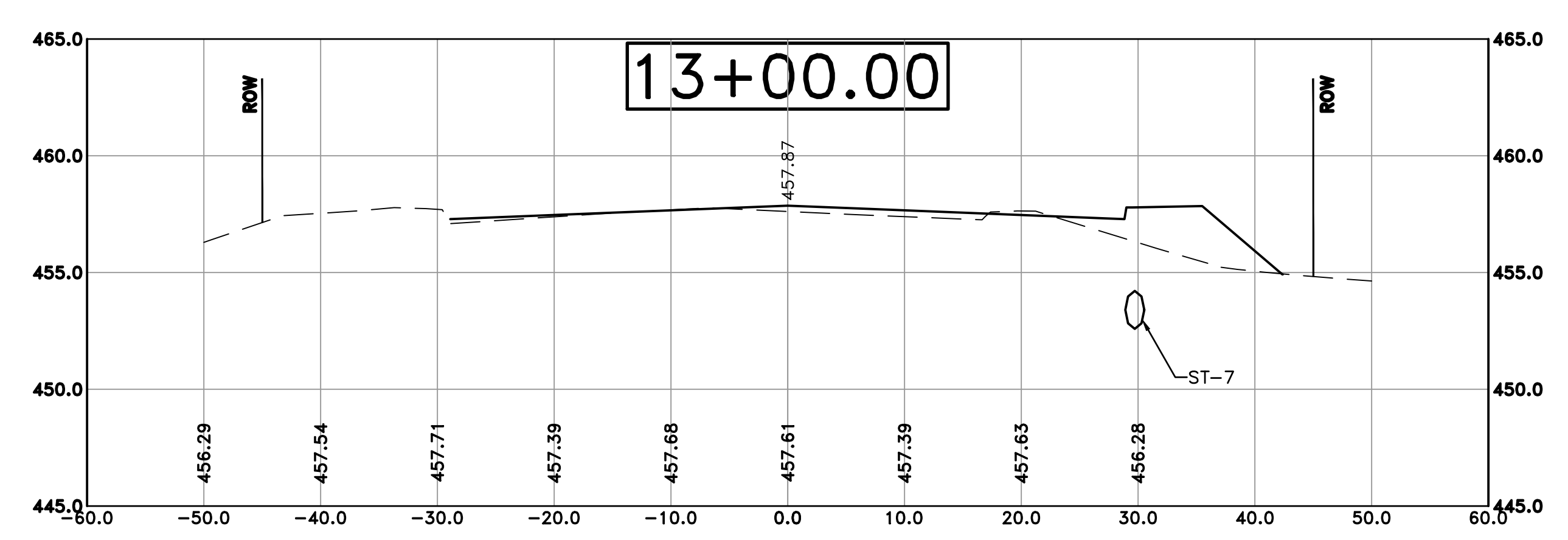
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DESIGNED
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CHECKED
 BAP
DATE
 05-08-2020
SCALE
 H: 1"=10'
 V: 1"=5'
PROJECT NO.
 06-17-222B
SHEET NO.
 C27



Cut Area: 22.52 ft²
 Fill Area: 8.49 ft²
 Cut Vol: 33.35 yds
 Fill Vol: 10.16 yds



Cut Area: 26.65 ft²
 Fill Area: 6.49 ft²
 Cut Vol: 58.58 yds
 Fill Vol: 13.98 yds



Cut Area: 36.75 ft²
 Fill Area: 8.29 ft²
 Cut Vol: 74.76 yds
 Fill Vol: 13.34 yds

100% SUBMITTAL

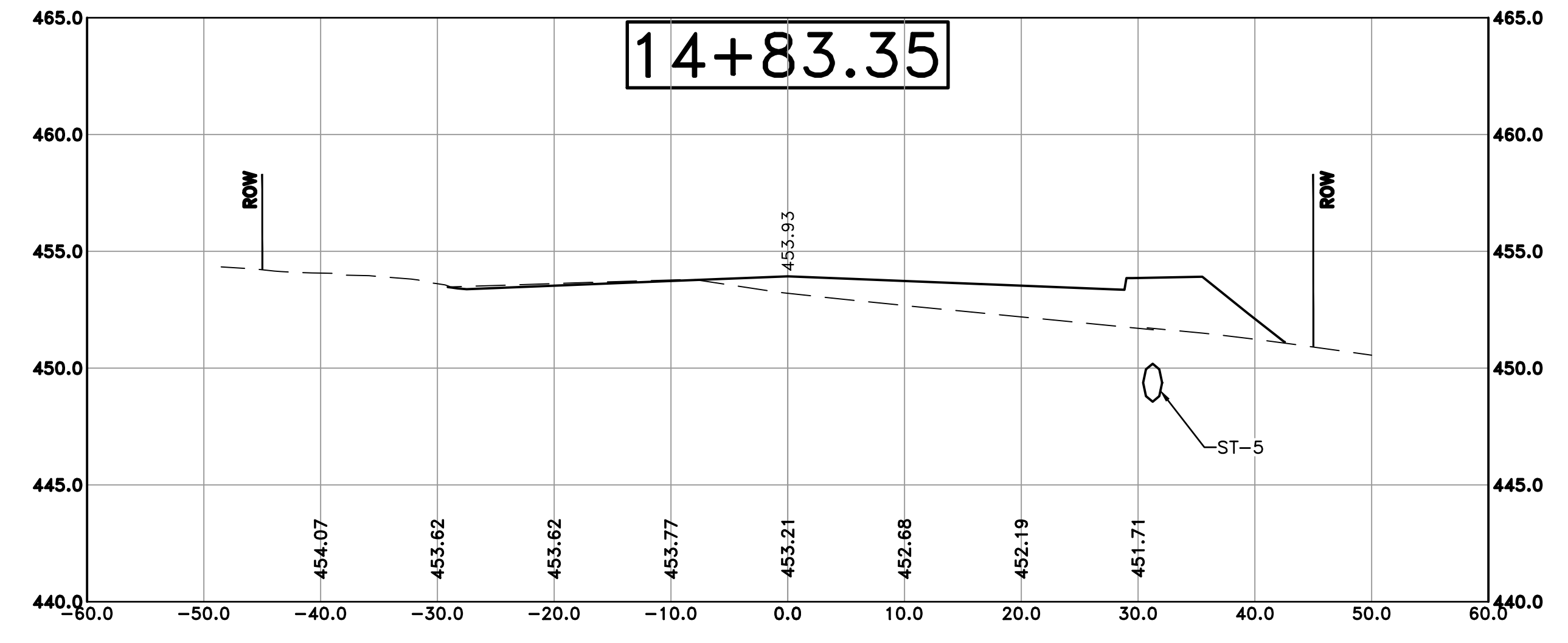
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 KANIS ROAD IMPROVEMENTS
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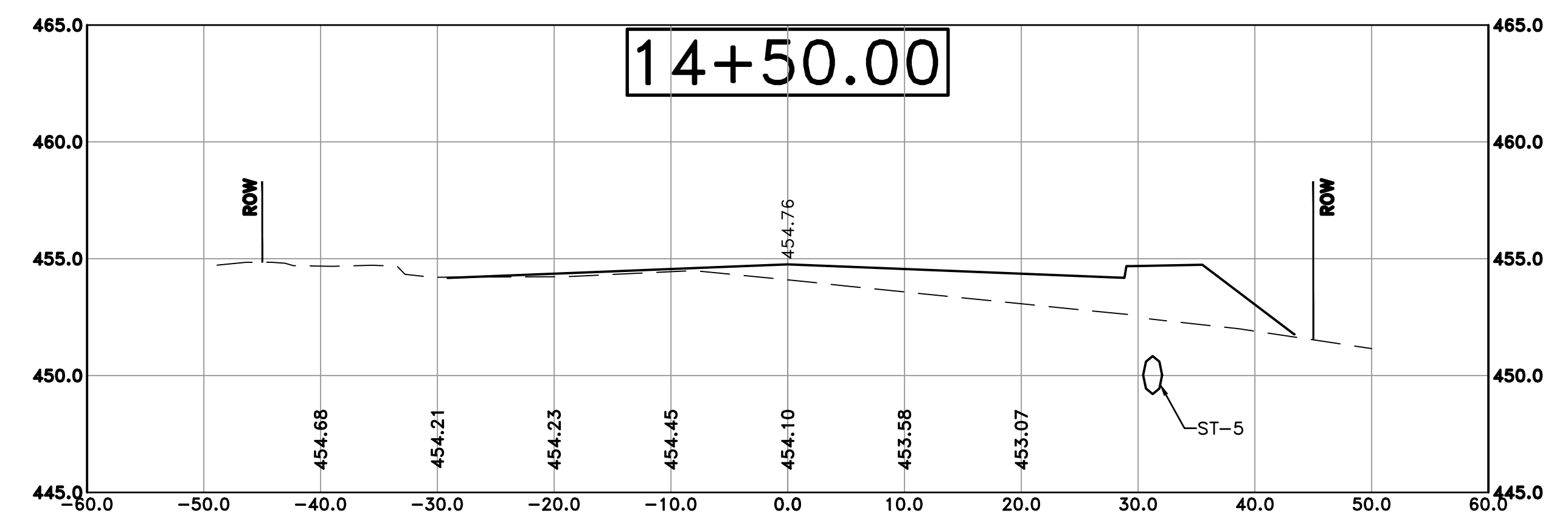
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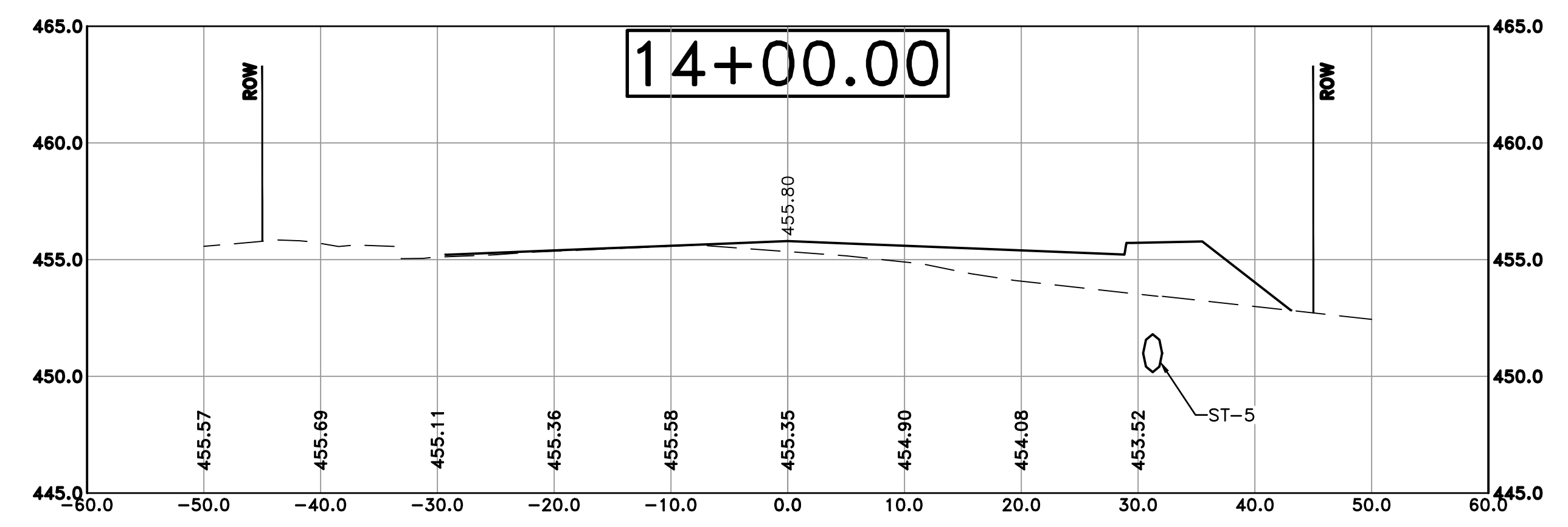
DRAWN BY
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DESIGNED
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CHECKED
 BAP
DATE
 05-08-2020
SCALE
 H: 1"=10'
 V: 1"=5'
PROJECT NO.
 06-17-222B
SHEET NO.
 C28



Cut Area 20.33 ft2
 Fill Area 12.88 ft2
 Cut Vol 22.98 yds
 Fill Vol 13.92 yds



Cut Area 16.87 ft2
 Fill Area 9.66 ft2
 Cut Vol 35.29 yds
 Fill Vol 18.80 yds



Cut Area 21.24 ft2
 Fill Area 10.65 ft2
 Cut Vol 10.84 yds
 Fill Vol 4.74 yds

100% SUBMITTAL

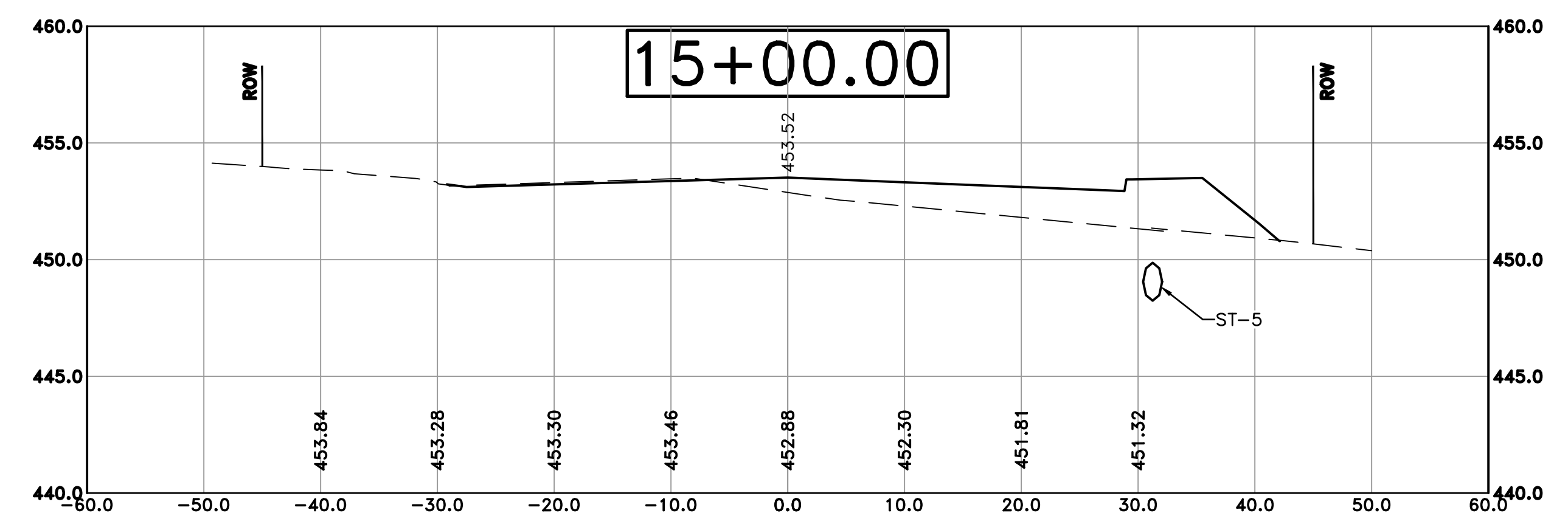
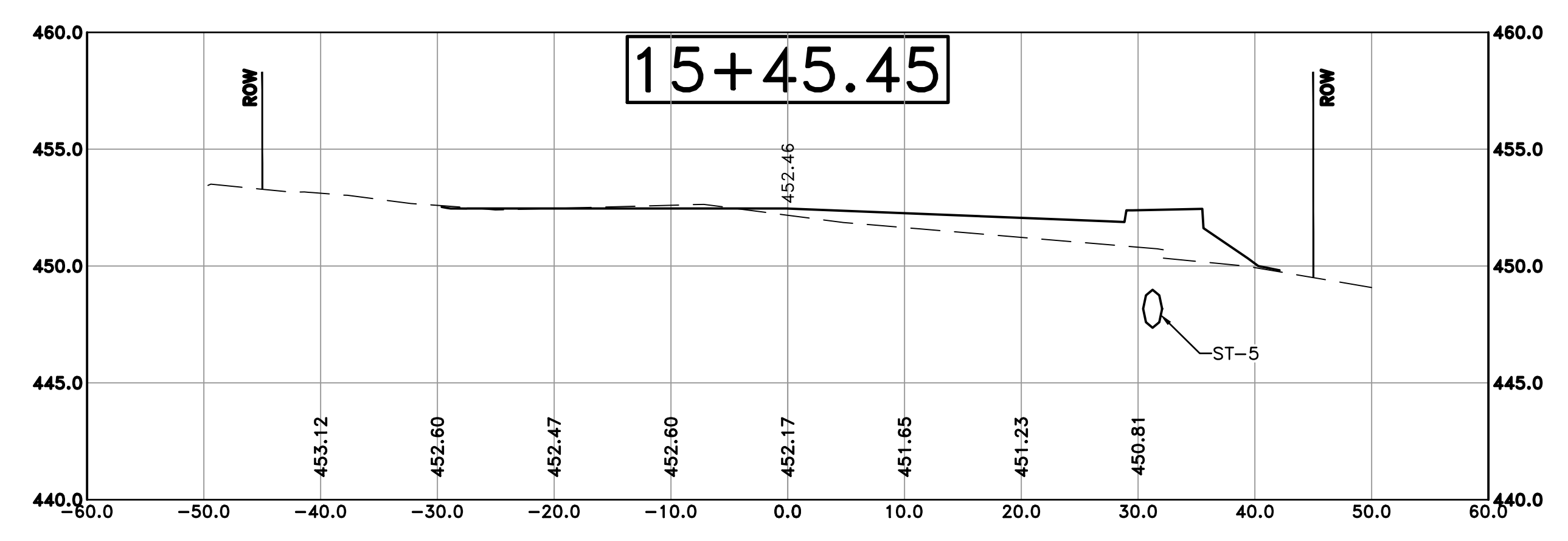
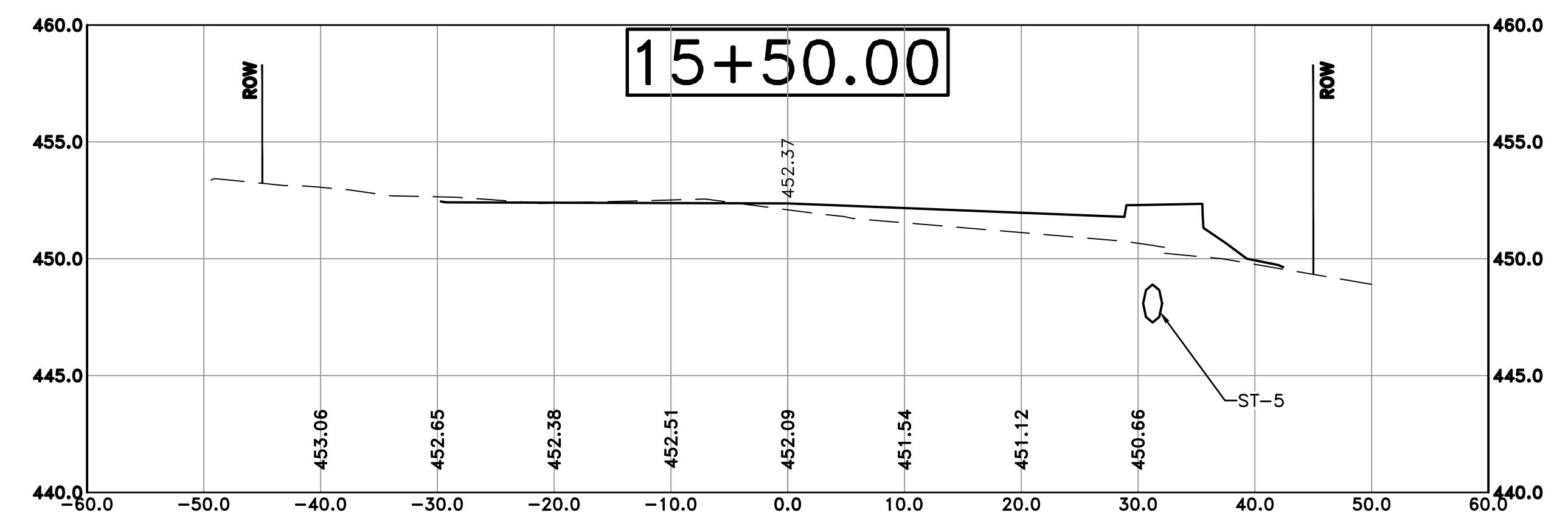
REVISIONS	DATE

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

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DATE
 05-08-2020
SCALE
 H: 1"=10'
 V: 1"=5'
PROJECT NO.
 06-17-222B
SHEET NO.
 C29



100% SUBMITTAL

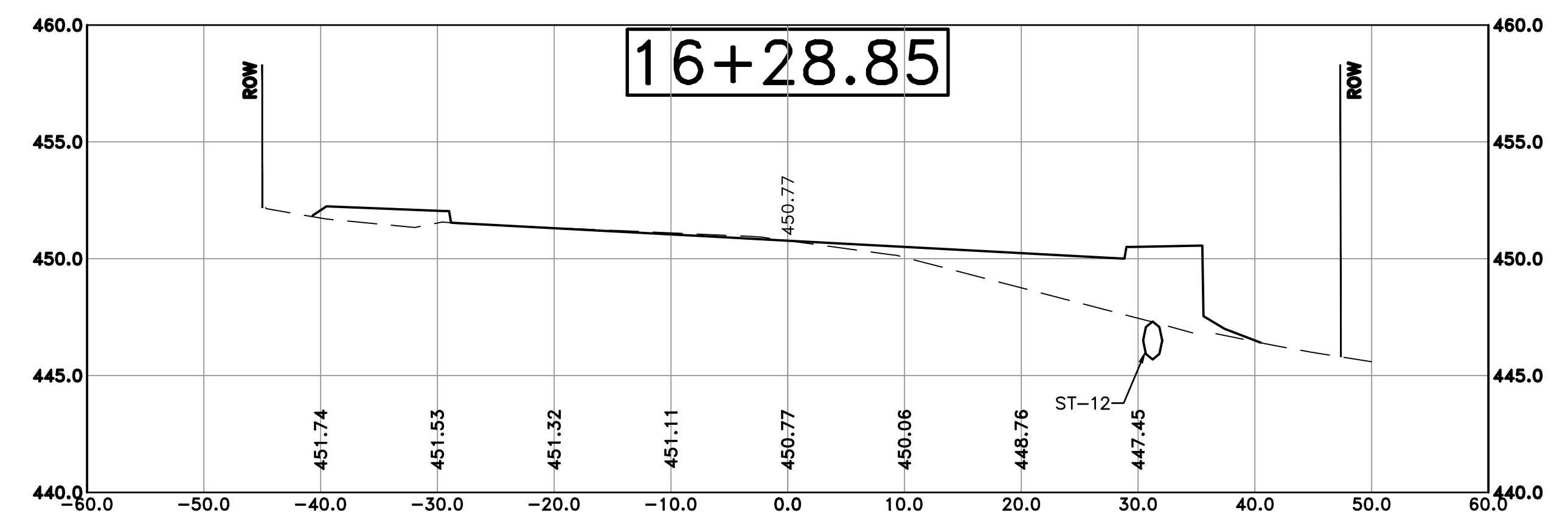
REVISIONS	DATE

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

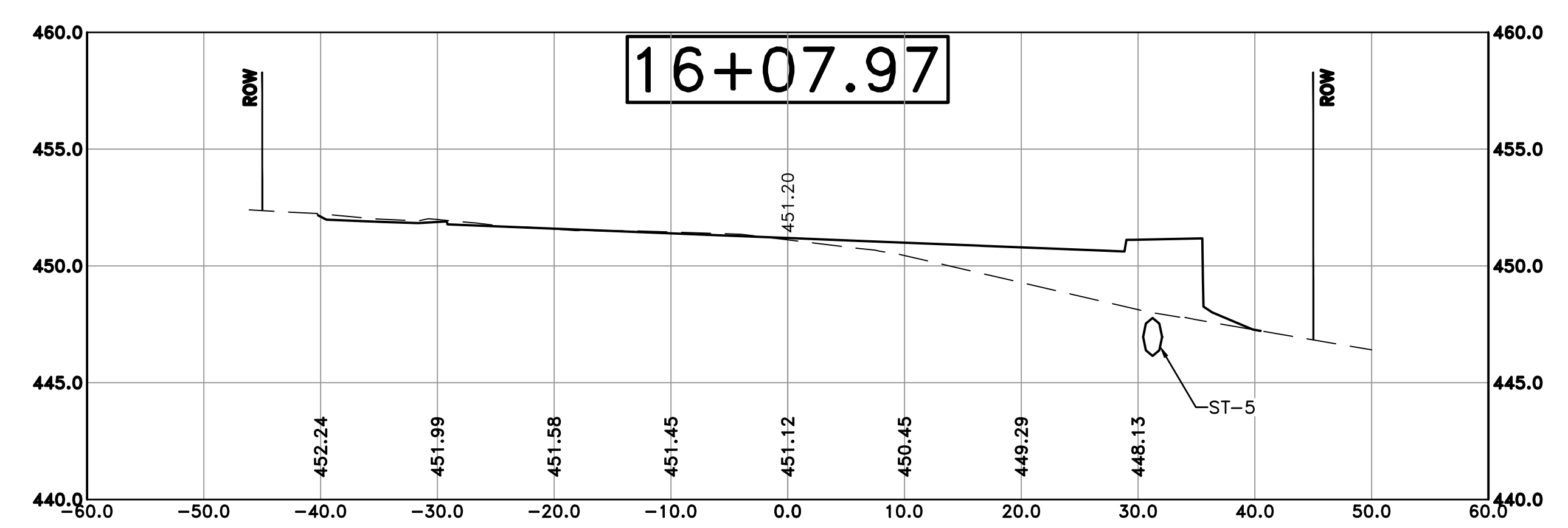
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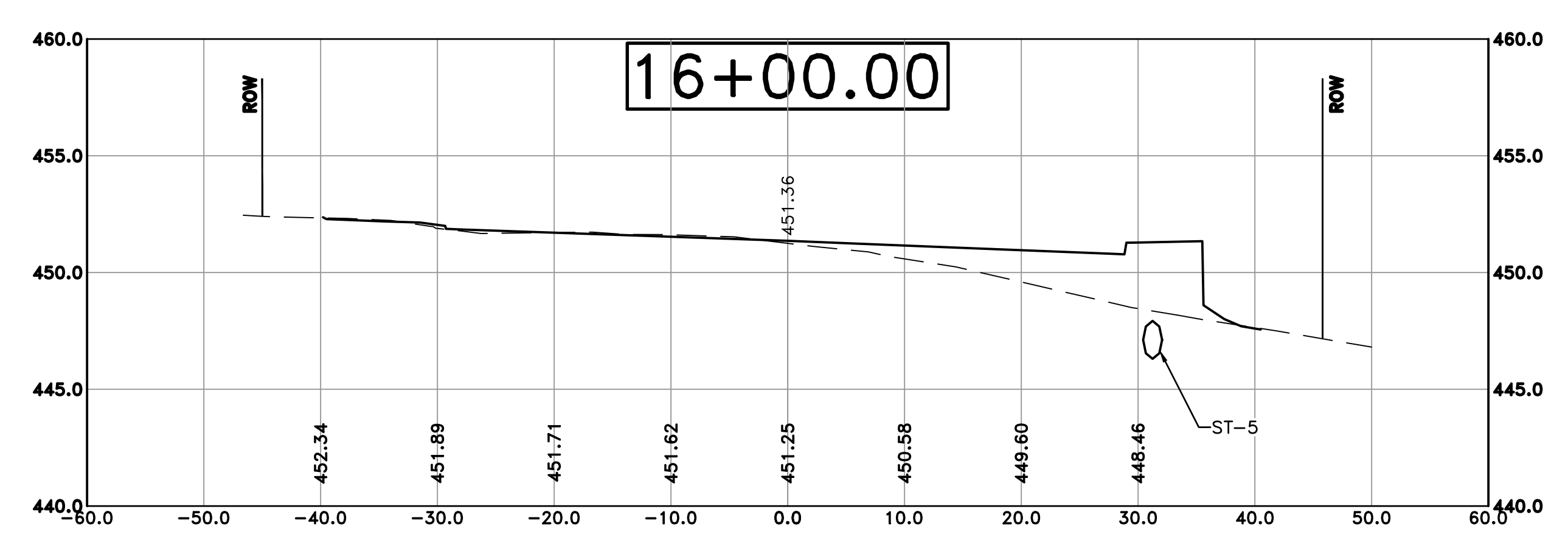
DRAWN BY
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CHECKED
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DATE
 05-08-2020
SCALE
 H: 1"=10'
 V: 1"=5'
PROJECT NO.
 06-17-222B
SHEET NO.
 C30



Cut Area 32.11 ft2
 Fill Area 31.22 ft2
 Cut Vol 25.18 yds
 Fill Vol 20.90 yds



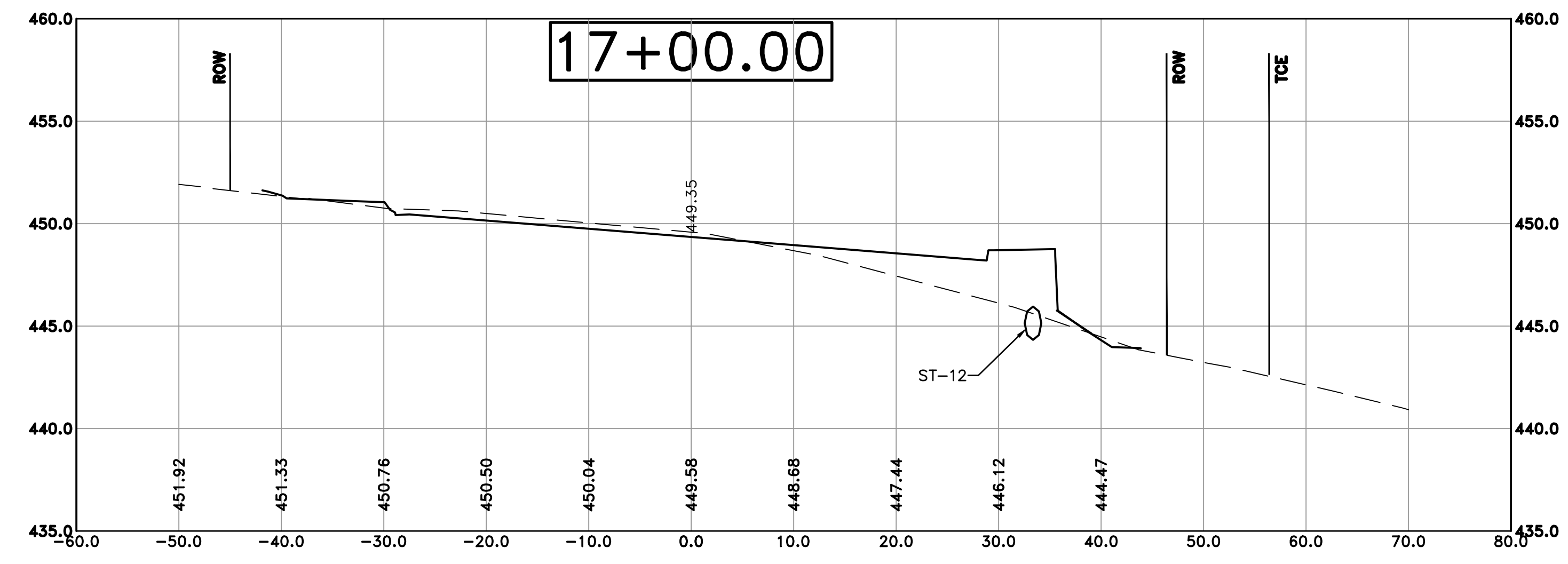
Cut Area 33.02 ft2
 Fill Area 22.84 ft2
 Cut Vol 9.65 yds
 Fill Vol 6.20 yds



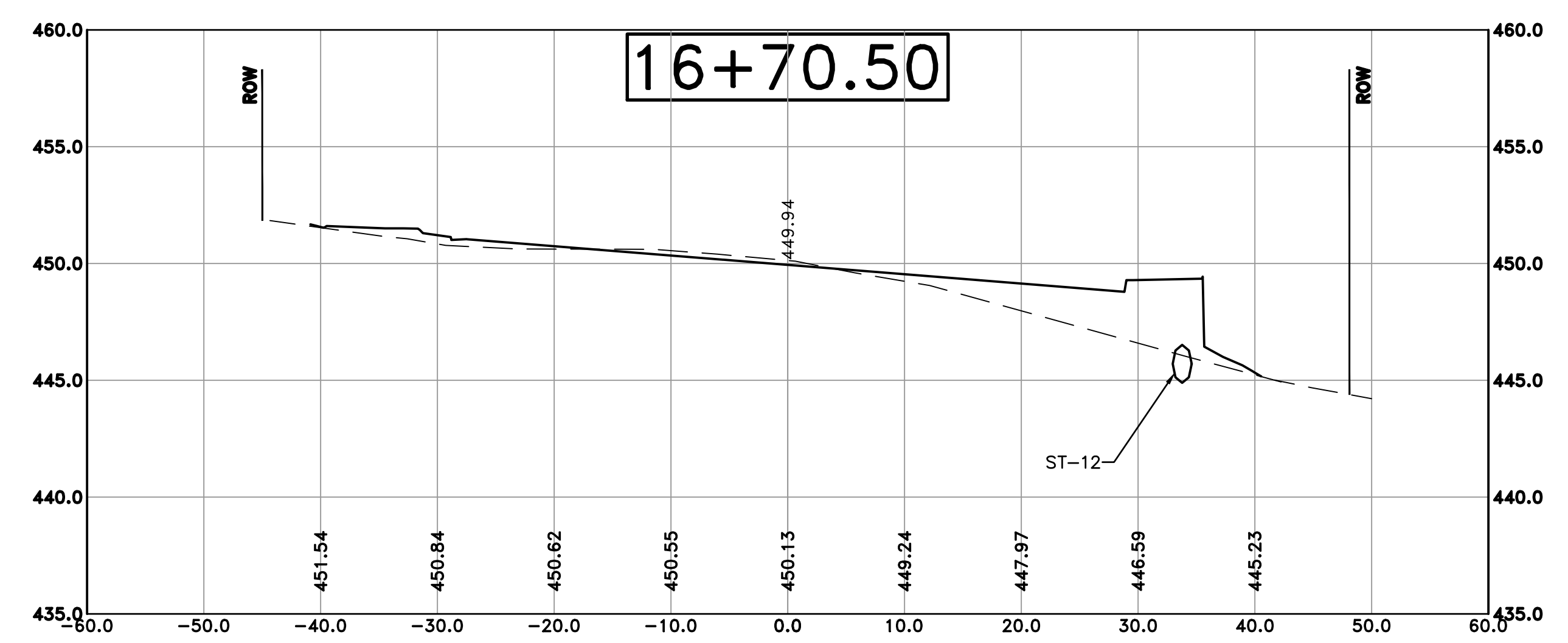
Cut Area 32.34 ft2
 Fill Area 19.15 ft2
 Cut Vol 55.69 yds
 Fill Vol 21.53 yds

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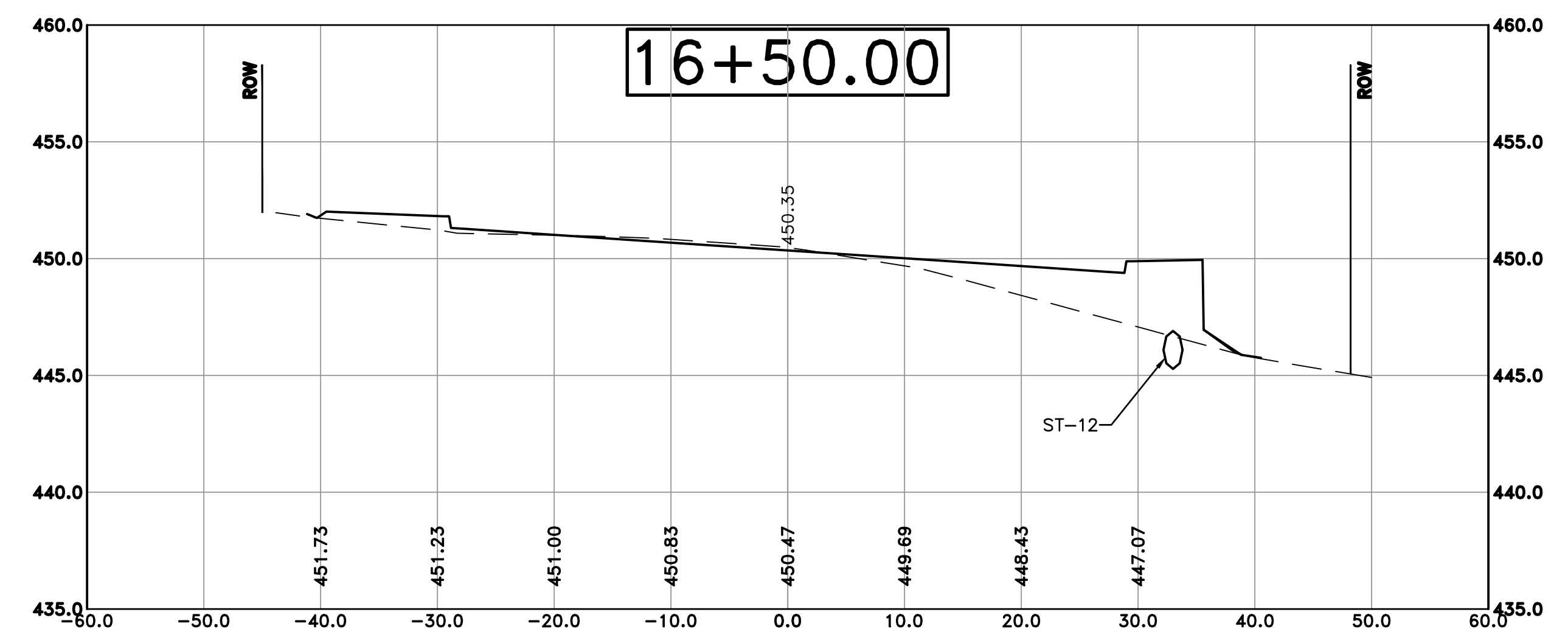
REVISIONS	DATE



Cut Area 43.91 ft2
 Fill Area 20.98 ft2
 Cut Vol 42.55 yds
 Fill Vol 22.15 yds



Cut Area 32.12 ft2
 Fill Area 22.54 ft2
 Cut Vol 25.54 yds
 Fill Vol 17.69 yds



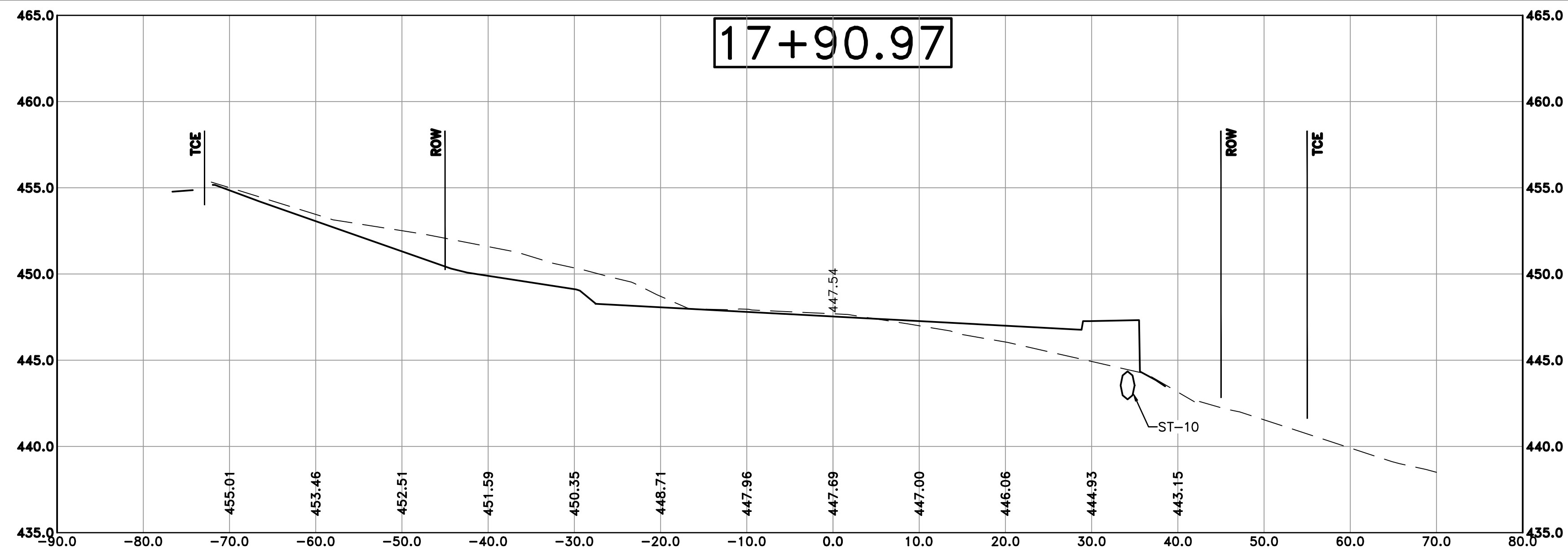
Cut Area 33.73 ft2
 Fill Area 27.04 ft2
 Cut Vol 26.45 yds
 Fill Vol 21.72 yds

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 KANIS ROAD IMPROVEMENTS
 CROSS SECTION SHEET 7

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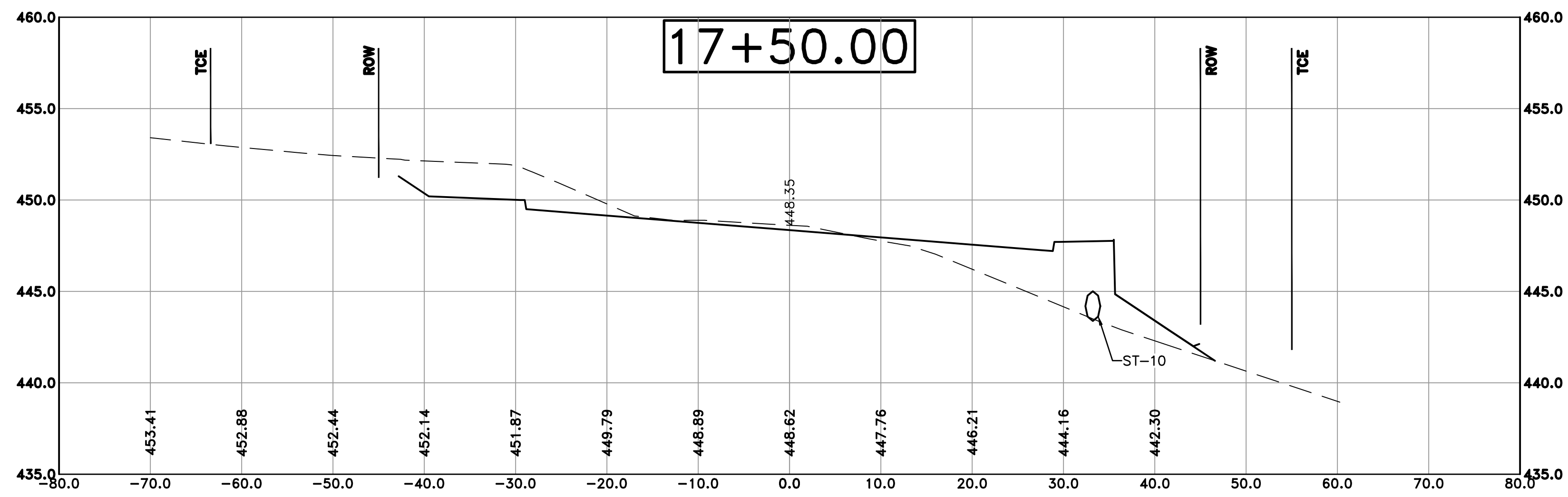


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 DATE 05-08-2020
 SCALE H: 1"=10' V: 1"=5'
 PROJECT NO. 06-17-222B
 SHEET NO. C31

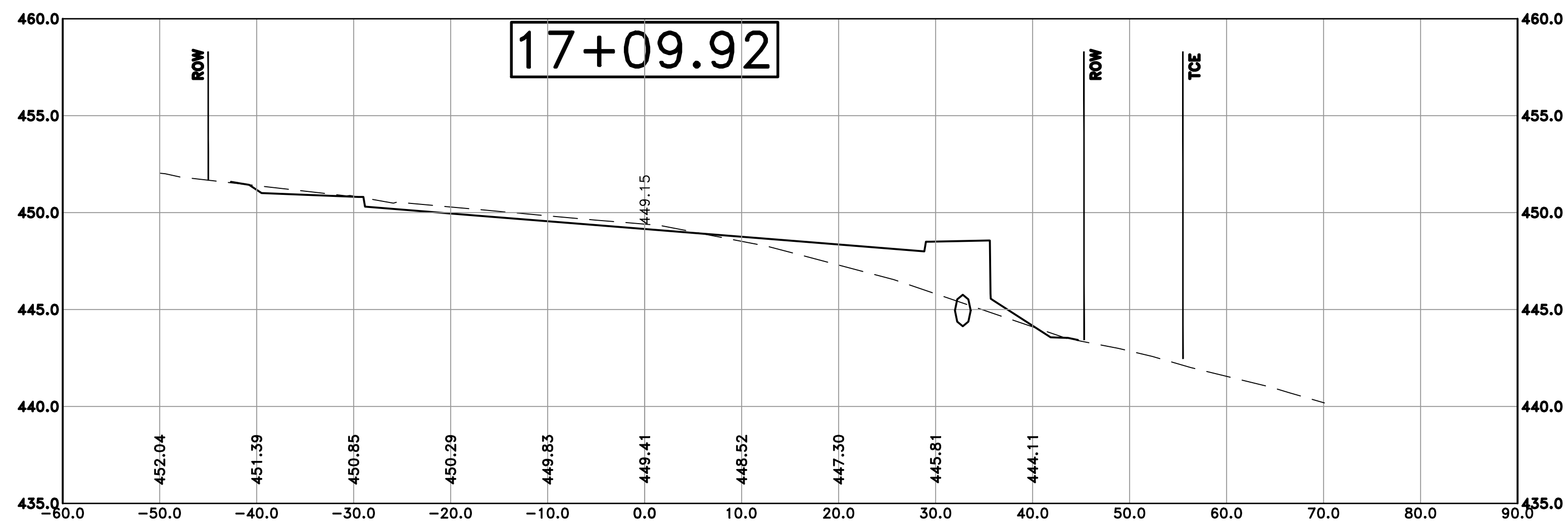


Cut Area 69.54 ft2
 Fill Area 17.56 ft2
 Cut Vol 119.54 yds
 Fill Vol 36.20 yds

100% SUBMITTAL



Cut Area 80.79 ft2
 Fill Area 33.49 ft2
 Cut Vol 99.75 yds
 Fill Vol 38.05 yds



Cut Area 48.20 ft2
 Fill Area 21.54 ft2
 Cut Vol 17.42 yds
 Fill Vol 7.28 yds

REVISIONS	DATE

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

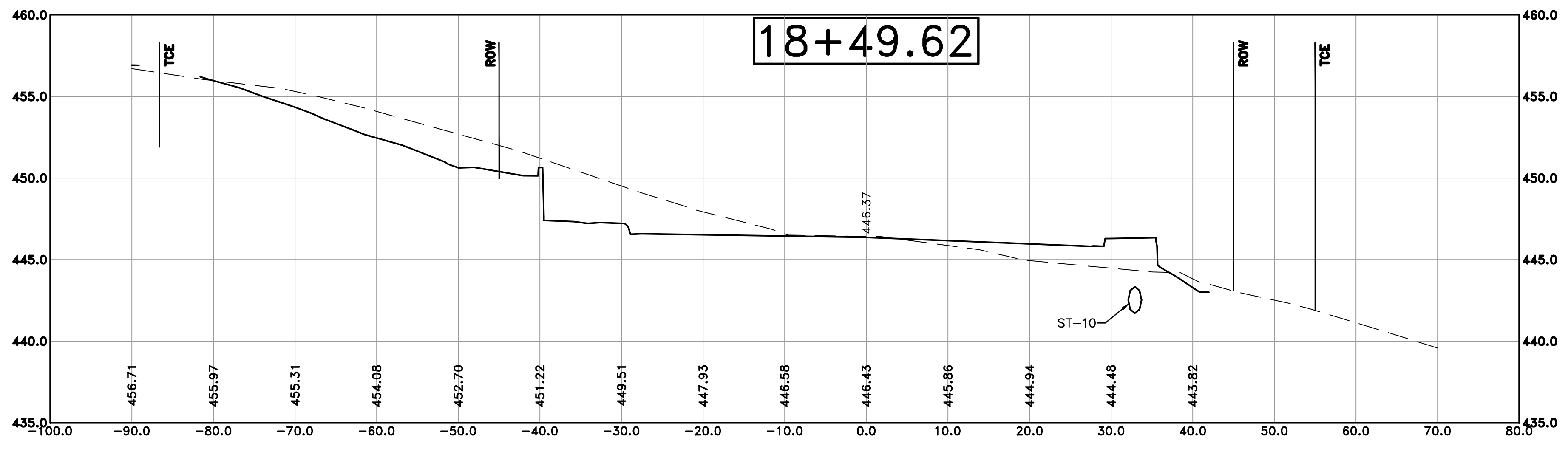
DEPARTMENT OF PUBLIC WORKS
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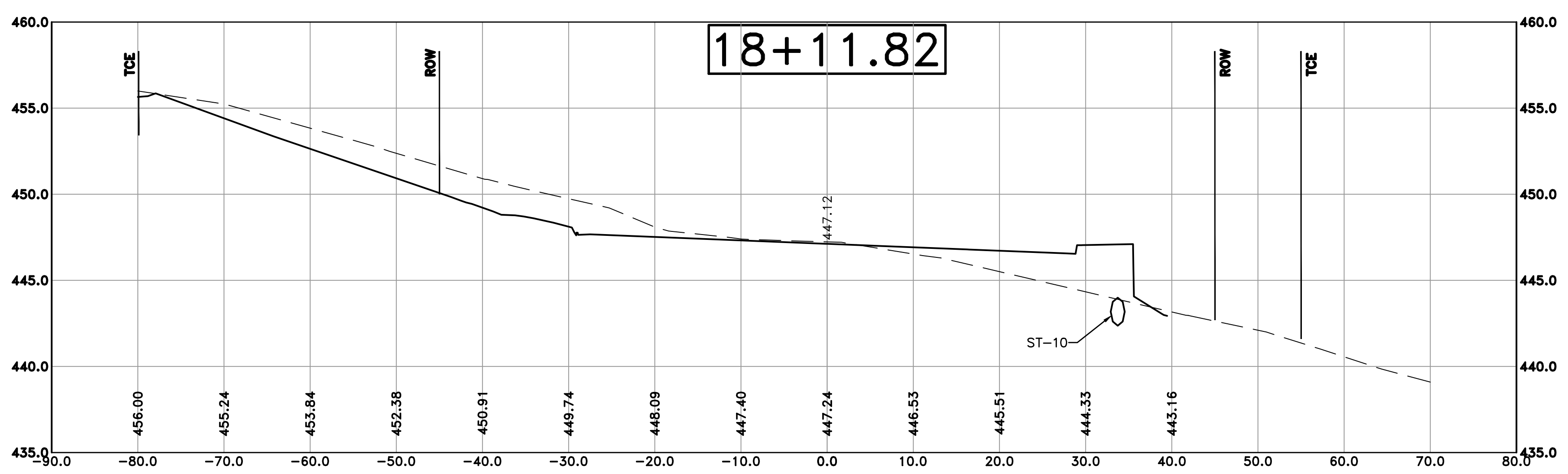
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 DESIGNED TDF
 CHECKED BAP
 DATE 05-08-2020
 SCALE H: 1"=10' V: 1"=5'
 PROJECT NO. 06-17-222B
 SHEET NO. C32

100% SUBMITTAL

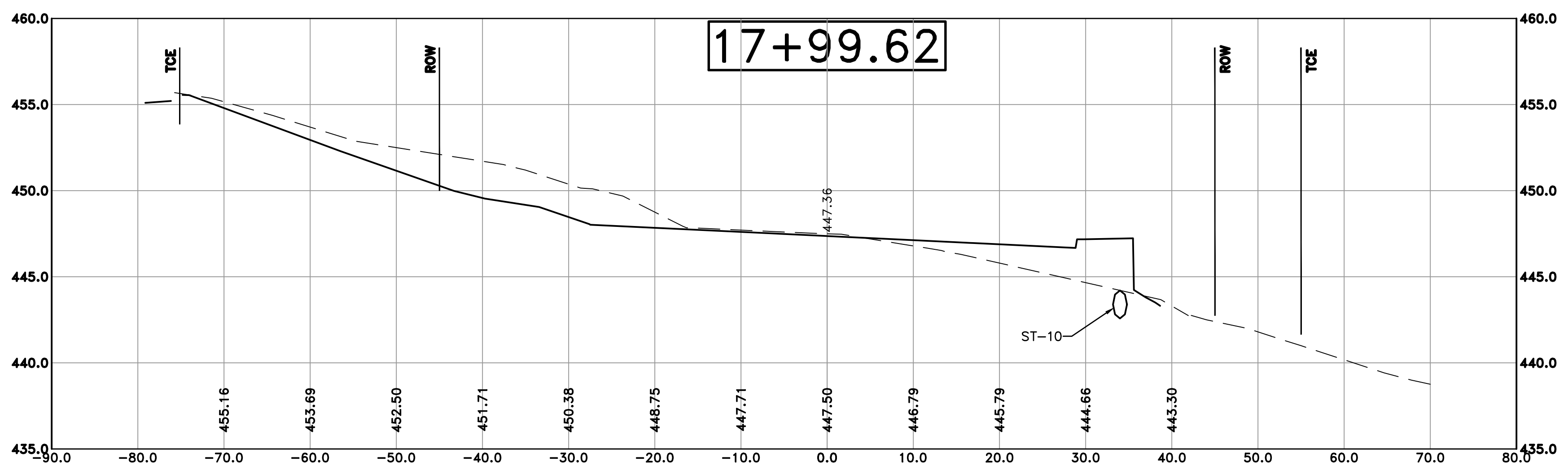
REVISIONS	DATE



Cut Area 130.07 ft2
 Fill Area 11.85 ft2
 Cut Vol 137.15 yds
 Fill Vol 25.08 yds



Cut Area 65.83 ft2
 Fill Area 23.98 ft2
 Cut Vol 32.36 yds
 Fill Vol 10.08 yds



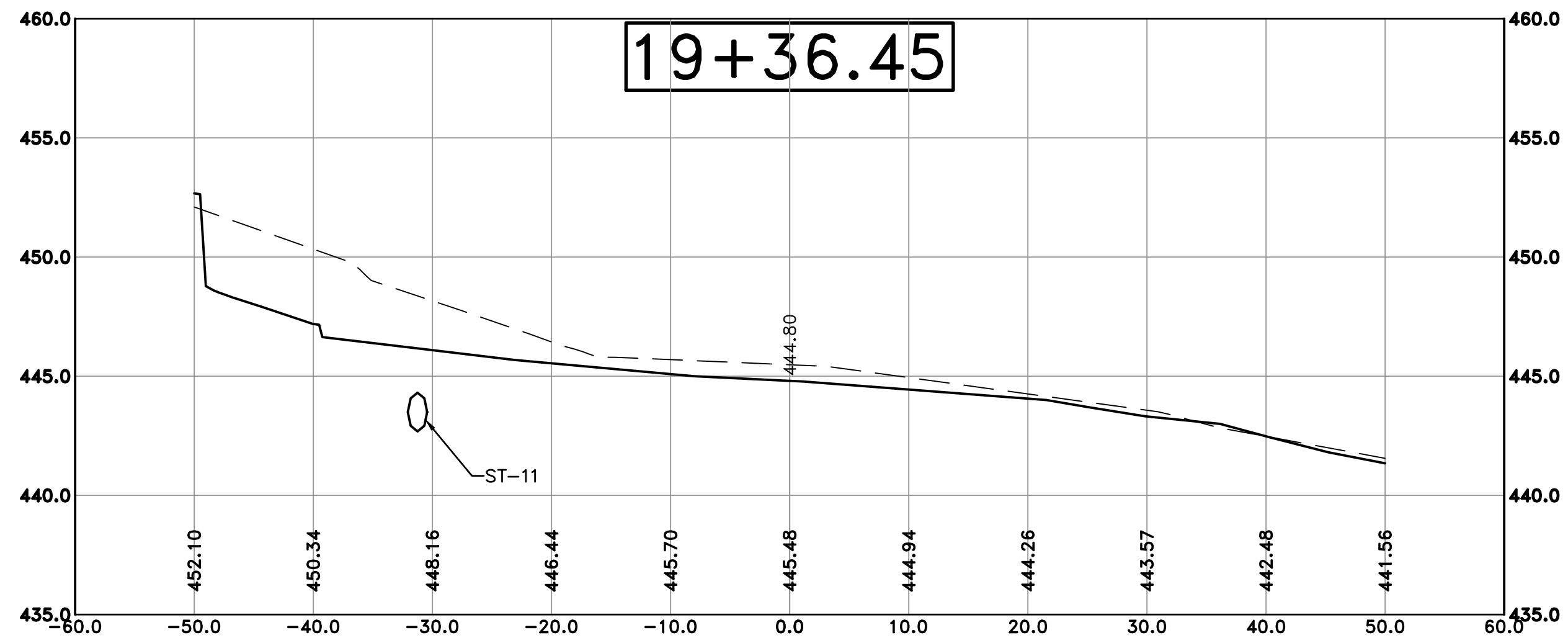
Cut Area 77.44 ft2
 Fill Area 20.67 ft2
 Cut Vol 23.55 yds
 Fill Vol 6.12 yds

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 SCALE H: 1"=10' V: 1"=5'
 PROJECT NO. 06-17-222B
 SHEET NO. C33

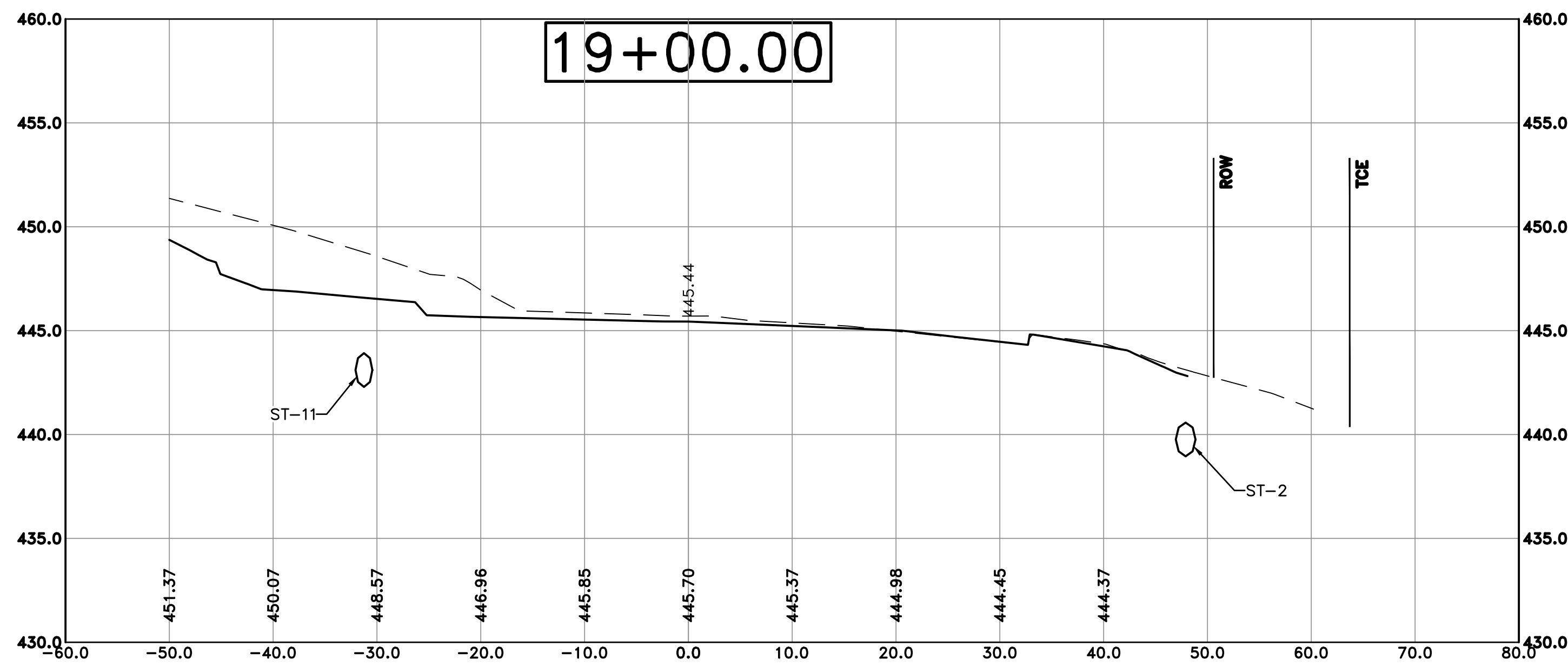


Cut Area 141.87 ft²
 Fill Area 4.70 ft²
 Cut Vol 114.60 yds
 Fill Vol 4.63 yds

100% SUBMITTAL

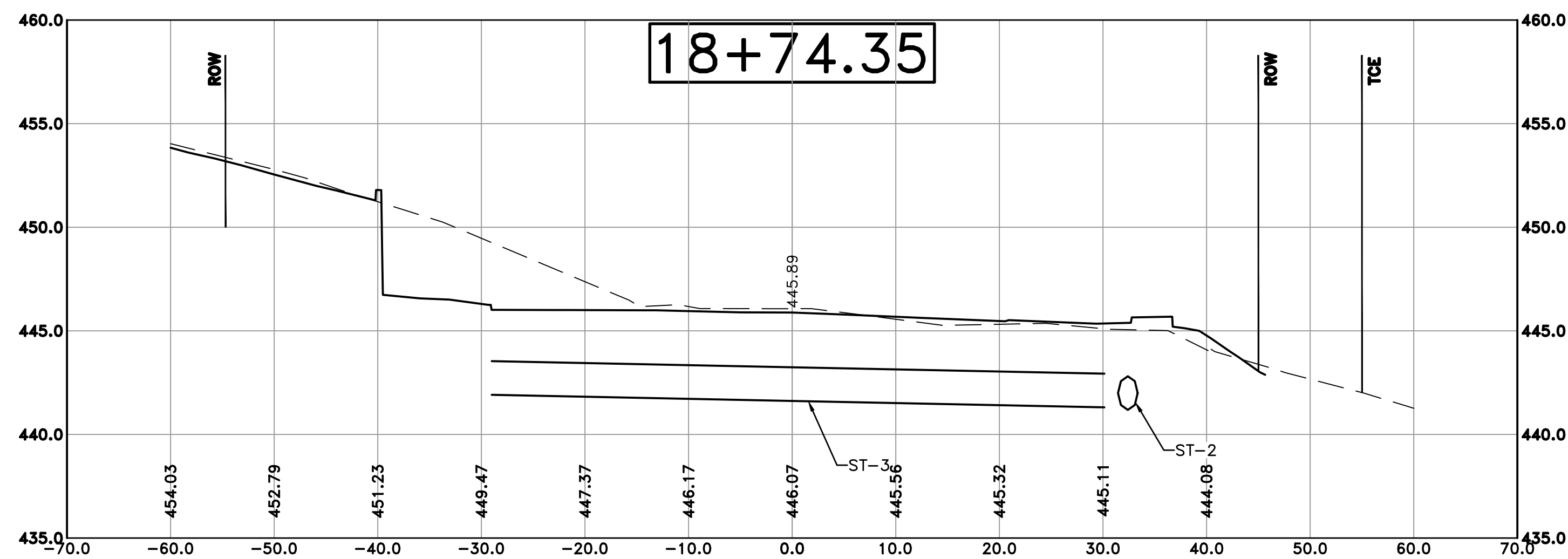
REVISIONS	DATE

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



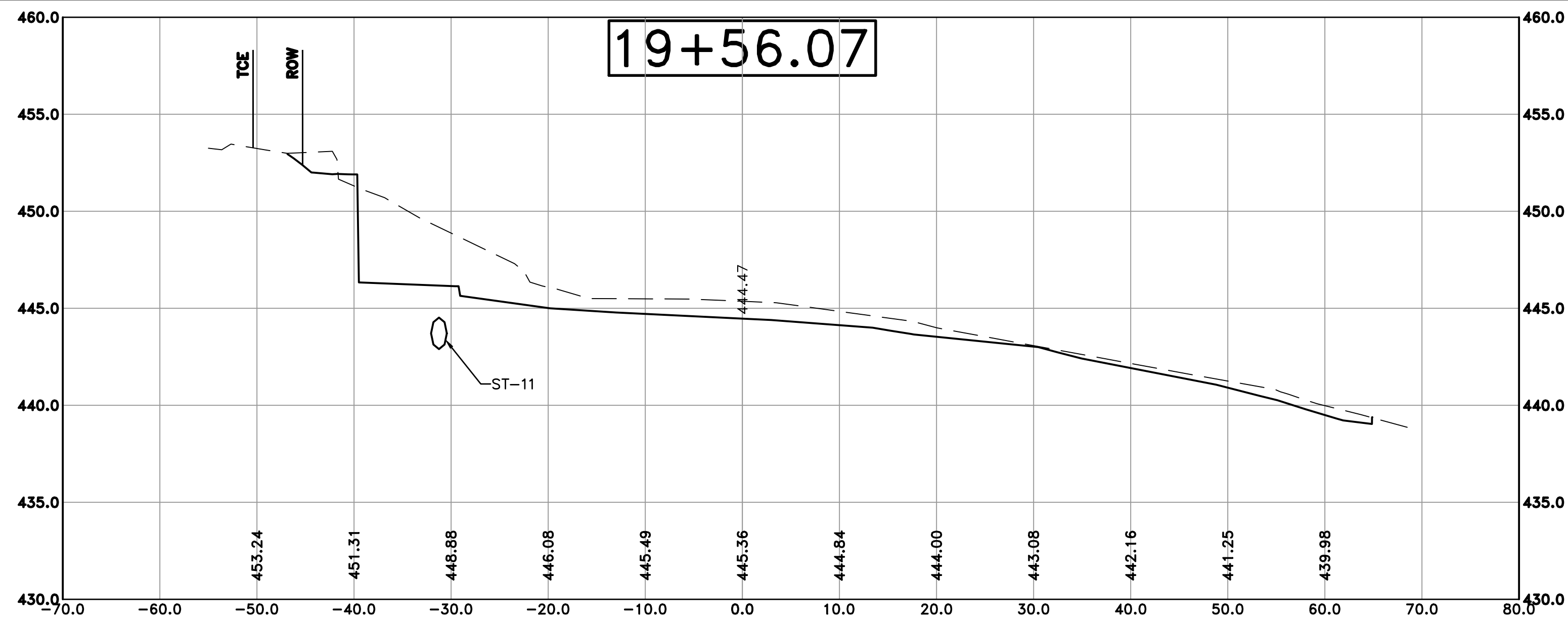
Cut Area 129.80 ft²
 Fill Area 2.83 ft²
 Cut Vol 142.35 yds
 Fill Vol 2.65 yds

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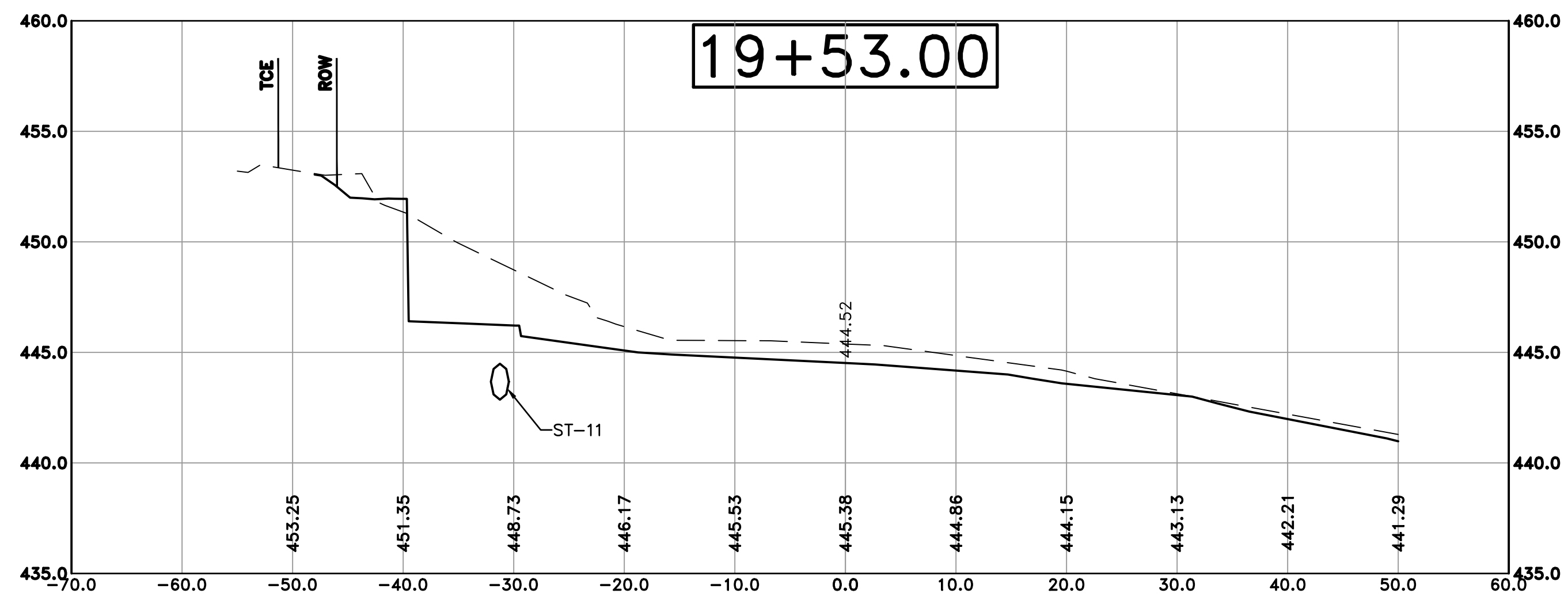
Cut Area 169.89 ft²
 Fill Area 2.74 ft²
 Cut Vol 137.34 yds
 Fill Vol 6.68 yds

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 DESIGNED TDF
 CHECKED BAP
 DATE 05-08-2020
 SCALE H: 1"=10' V: 1"=5'
 PROJECT NO. 06-17-222B
 SHEET NO. C34

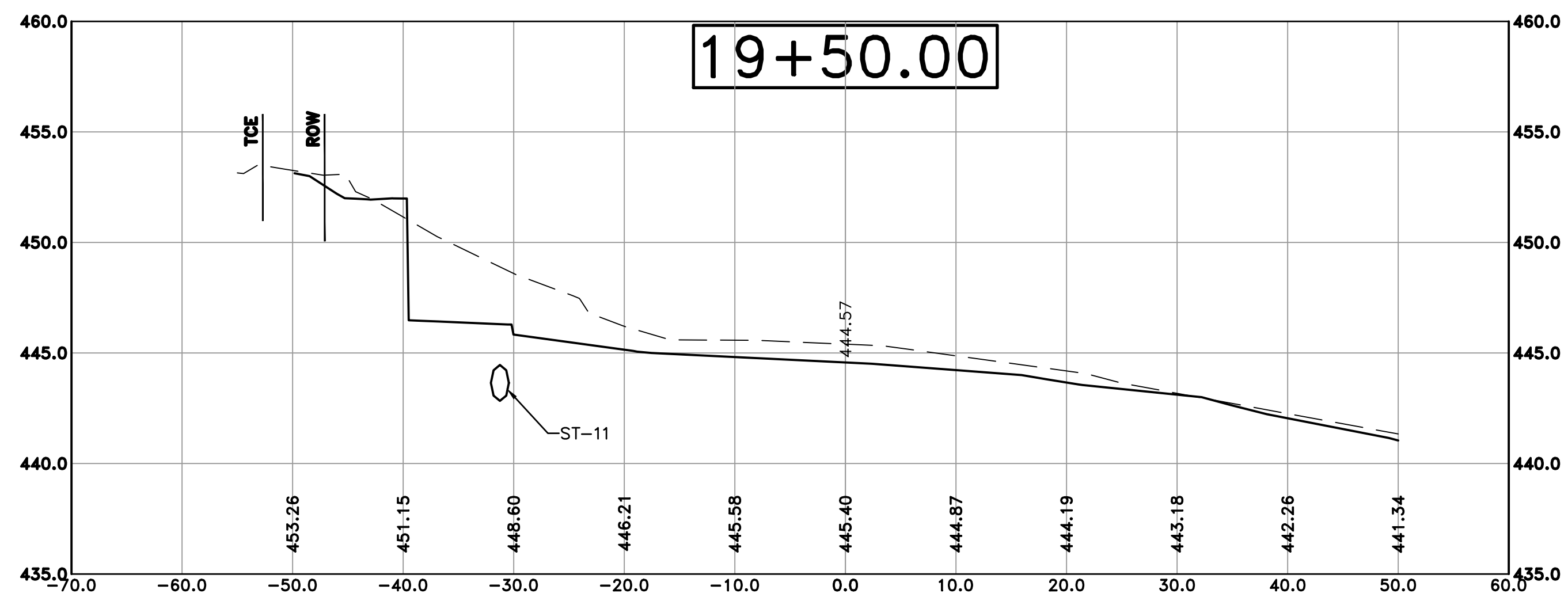


Cut Area 178.62 ft²
 Fill Area 5.82 ft²
 Cut Vol 20.15 yds
 Fill Vol 0.66 yds

100% SUBMITTAL



Cut Area 175.55 ft²
 Fill Area 5.71 ft²
 Cut Vol 19.32 yds
 Fill Vol 0.62 yds



Cut Area 172.67 ft²
 Fill Area 5.48 ft²
 Cut Vol 78.93 yds
 Fill Vol 2.55 yds

REVISIONS	DATE

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

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SCALE	H: 1"=10' V: 1"=5'
PROJECT NO.	06-17-222B
SHEET NO.	C35

100% SUBMITTAL

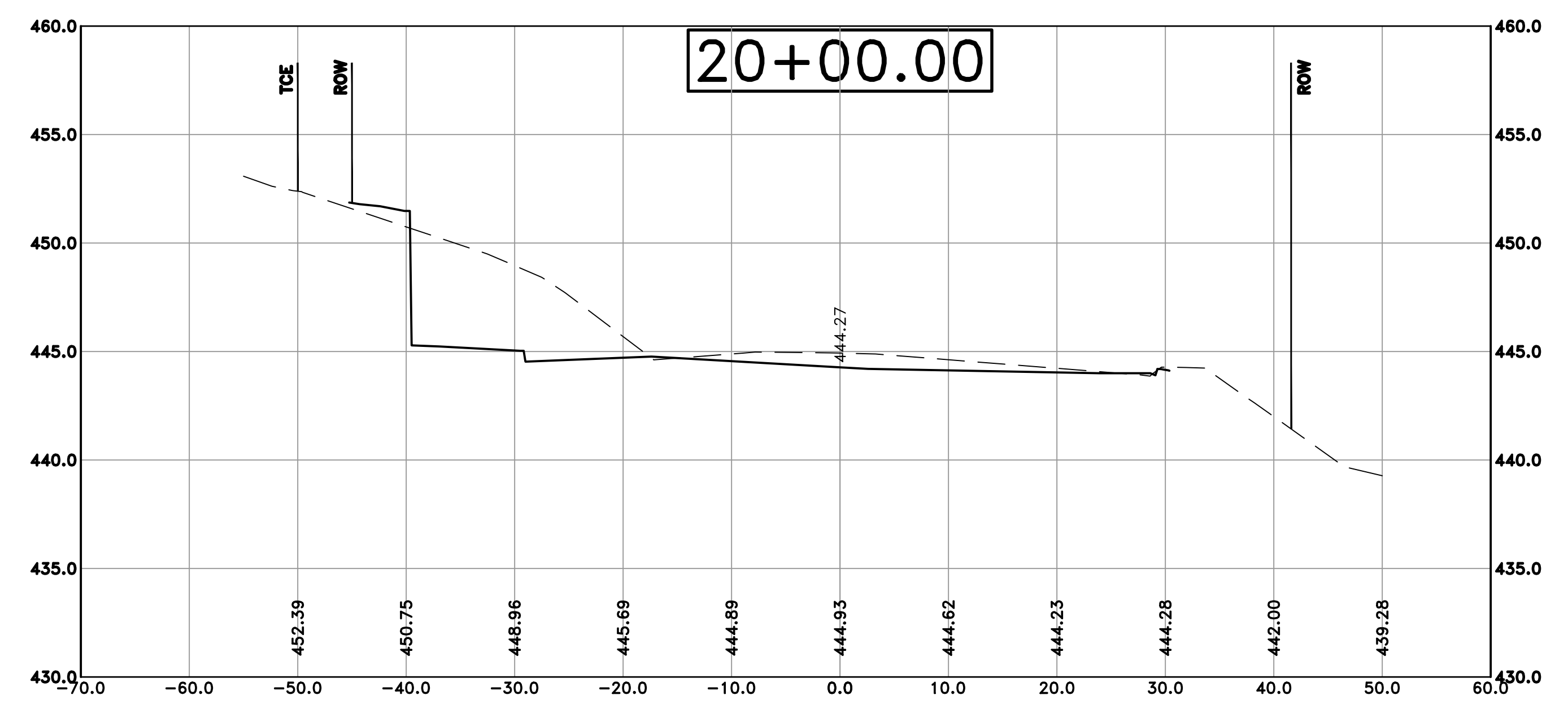
REVISIONS	DATE

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

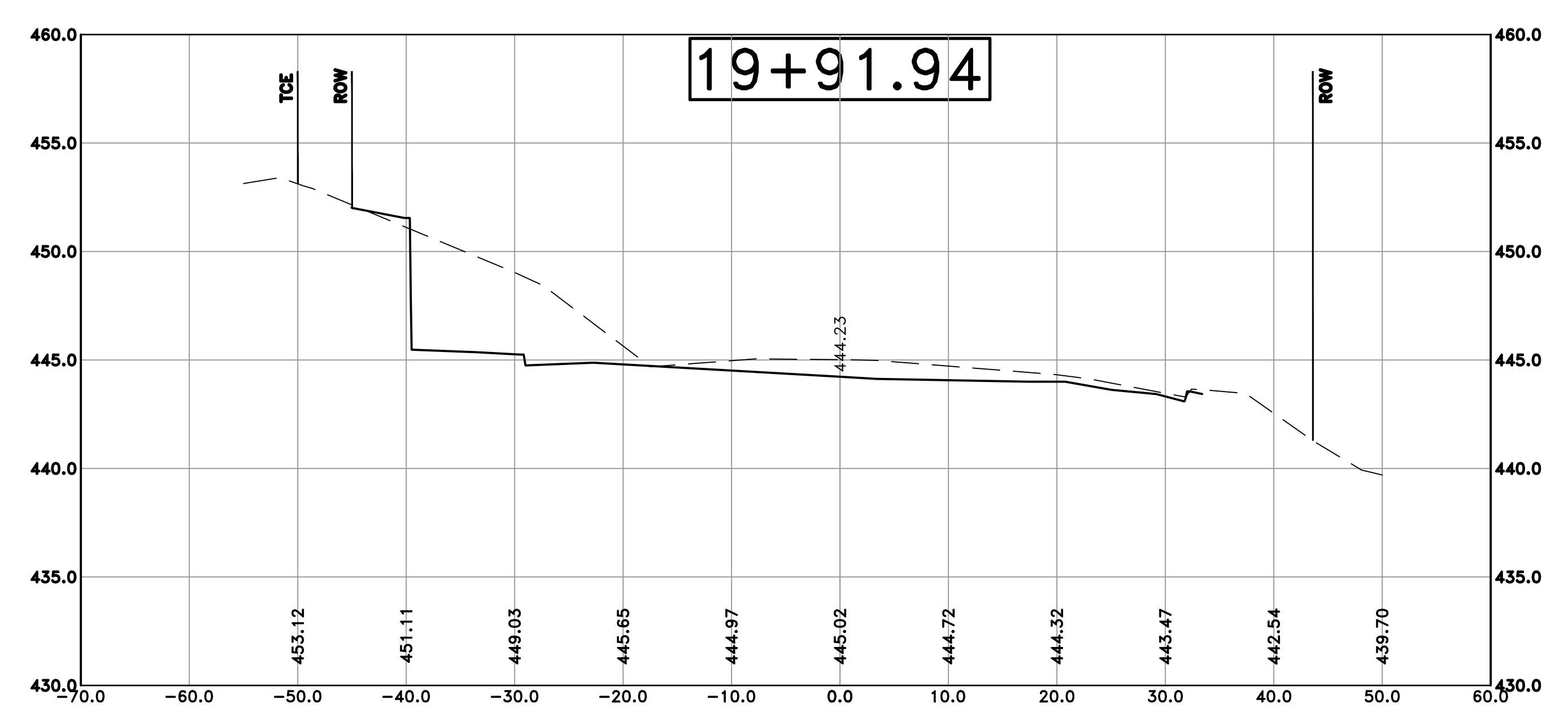
DEPARTMENT OF PUBLIC WORKS
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CHECKED
 BAP
DATE
 05-08-2020
SCALE
 H: 1"=10'
 V: 1"=5'
PROJECT NO.
 06-17-222B
SHEET NO.
 C36



Cut Area 158.15 ft²
 Fill Area 0.00 ft²
 Cut Vol 48.05 yds
 Fill Vol 0.03 yds



Cut Area 163.93 ft²
 Fill Area 0.23 ft²
 Cut Vol 227.57 yds
 Fill Vol 4.02 yds

100% SUBMITTAL

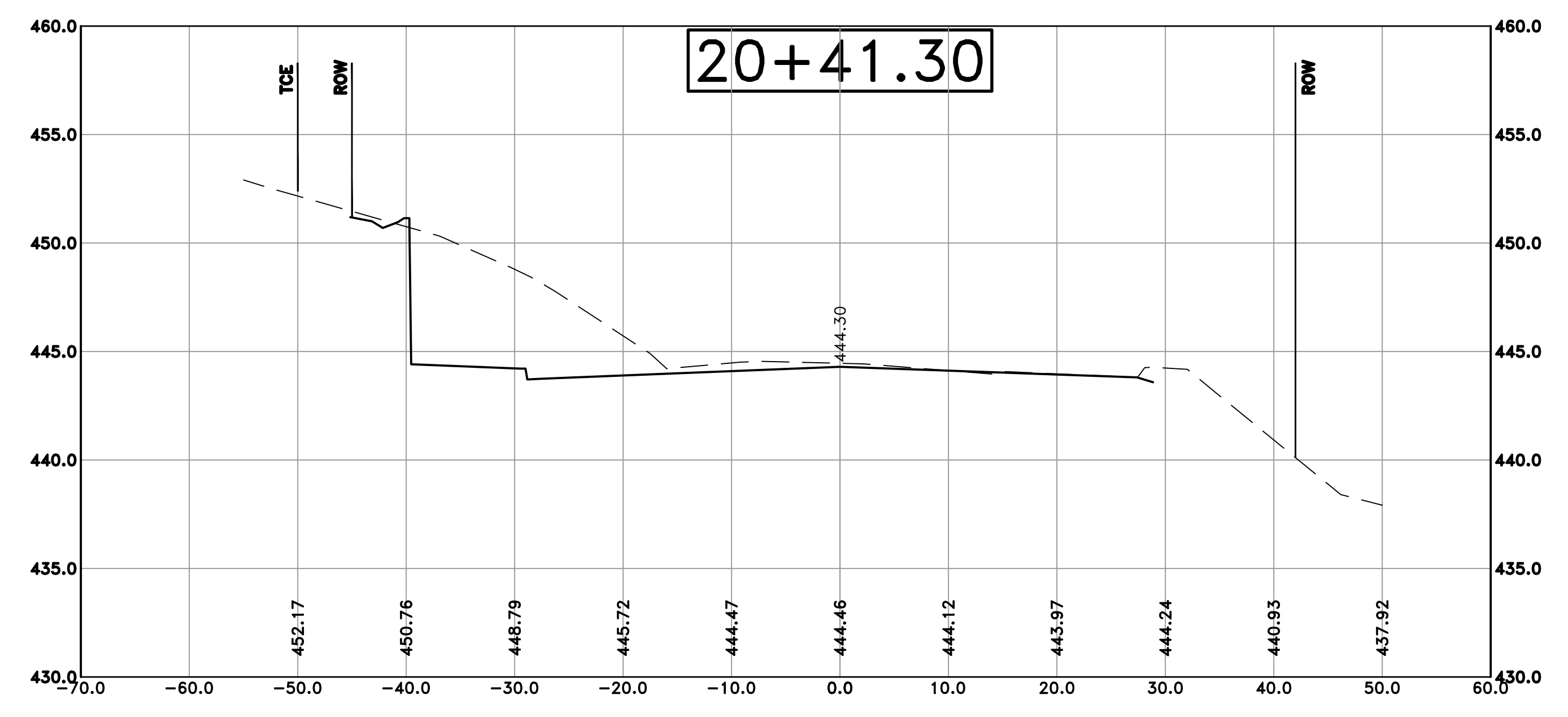
REVISIONS	DATE

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

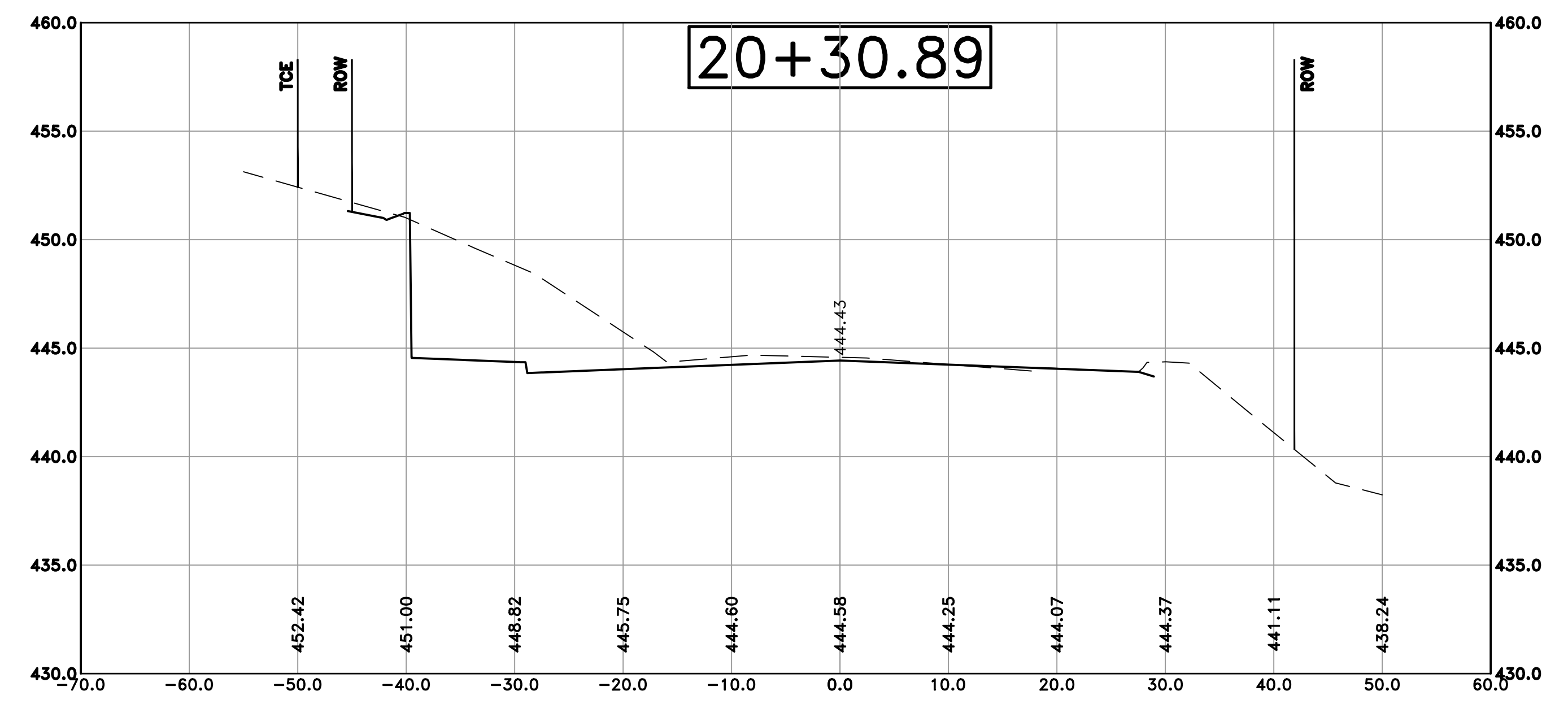
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SCALE
 H: 1"=10'
 V: 1"=5'
PROJECT NO.
 06-17-222B
SHEET NO.
 C37



Cut Area 147.79 ft2
 Fill Area 0.00 ft2
 Cut Vol 56.03 yds
 Fill Vol 0.00 yds



Cut Area 142.78 ft2
 Fill Area 0.00 ft2
 Cut Vol 172.15 yds
 Fill Vol 0.00 yds

100% SUBMITTAL

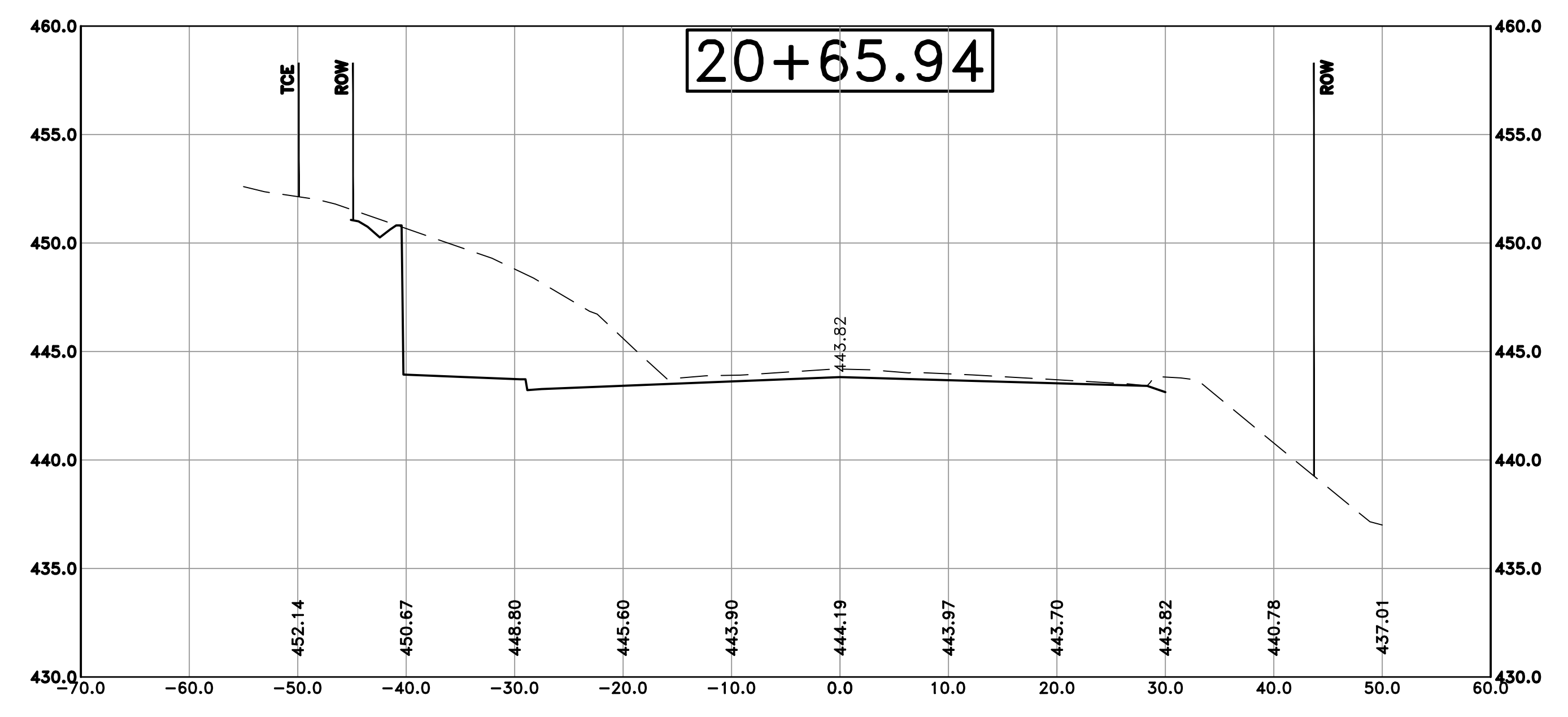
REVISIONS	DATE

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

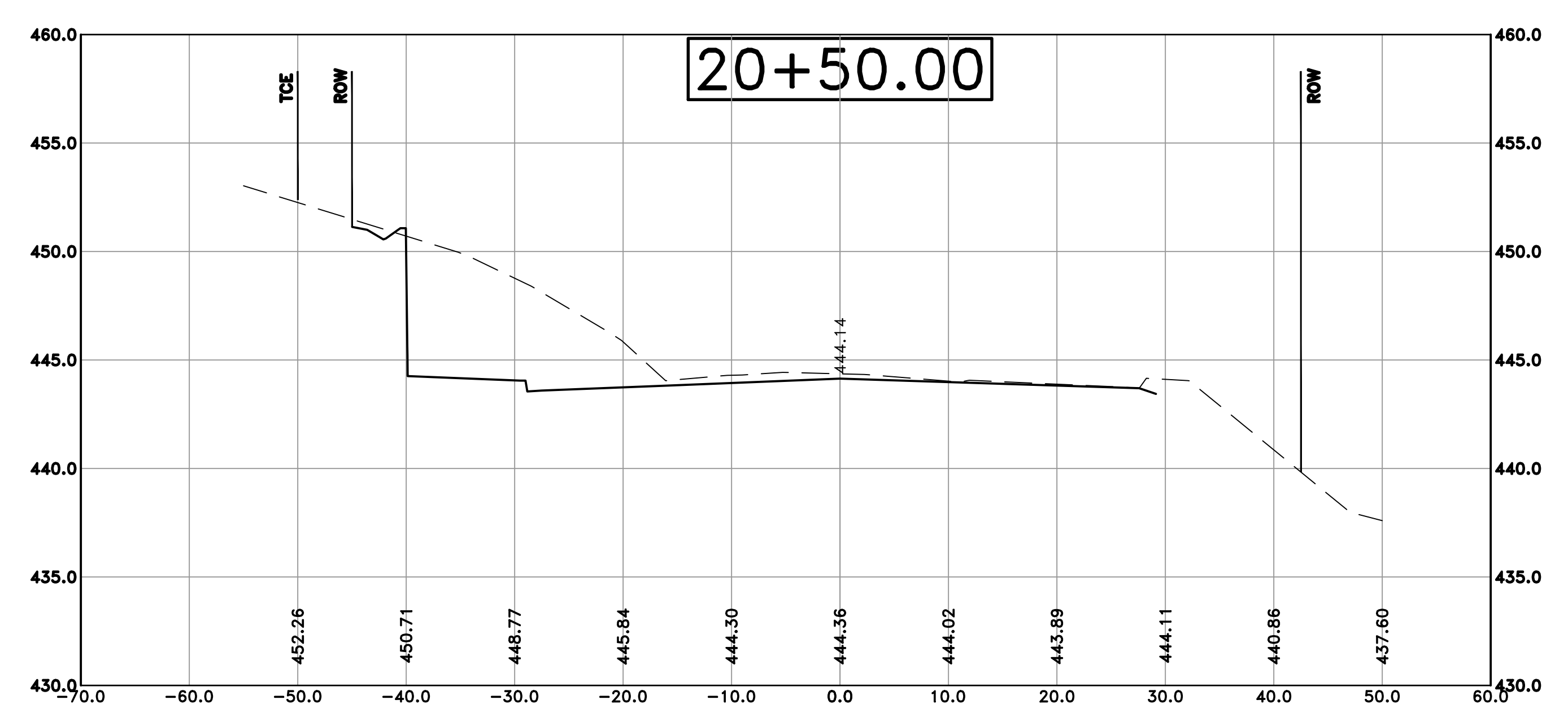
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 DATE
 05-08-2020
 SCALE
 H: 1"=10'
 V: 1"=5'
 PROJECT NO.
 06-17-222B
 SHEET NO.
 C38



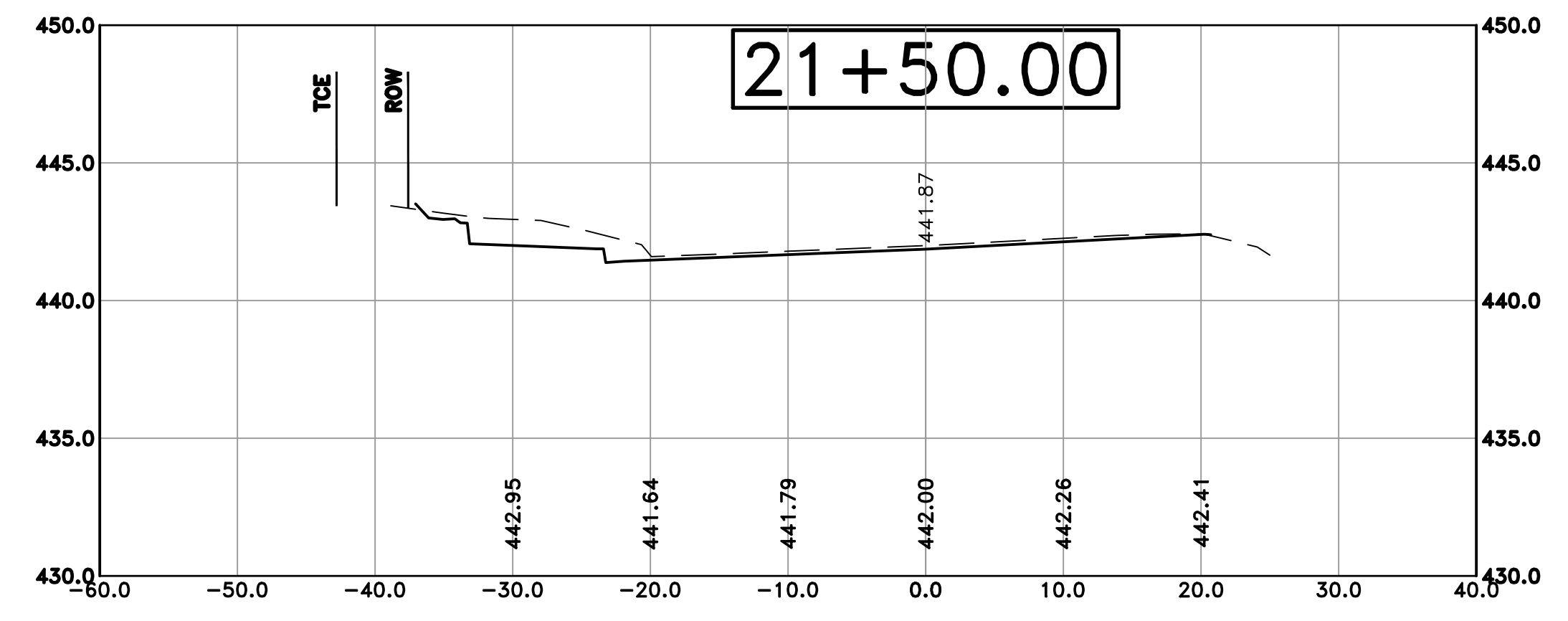
Cut Area 166.78 ft2
 Fill Area 0.00 ft2
 Cut Vol 90.94 yds
 Fill Vol 0.00 yds



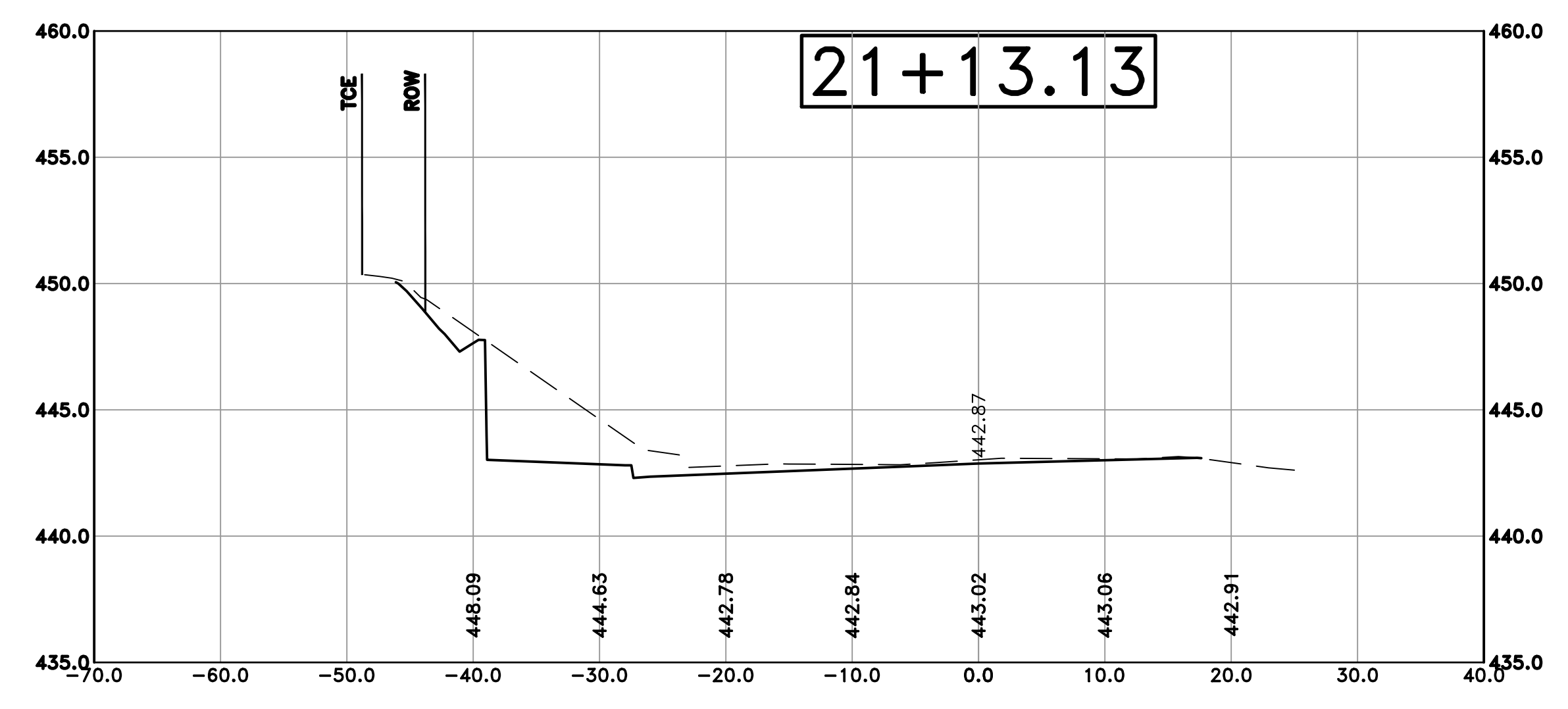
Cut Area 153.51 ft2
 Fill Area 0.00 ft2
 Cut Vol 43.36 yds
 Fill Vol 0.00 yds

100% SUBMITTAL

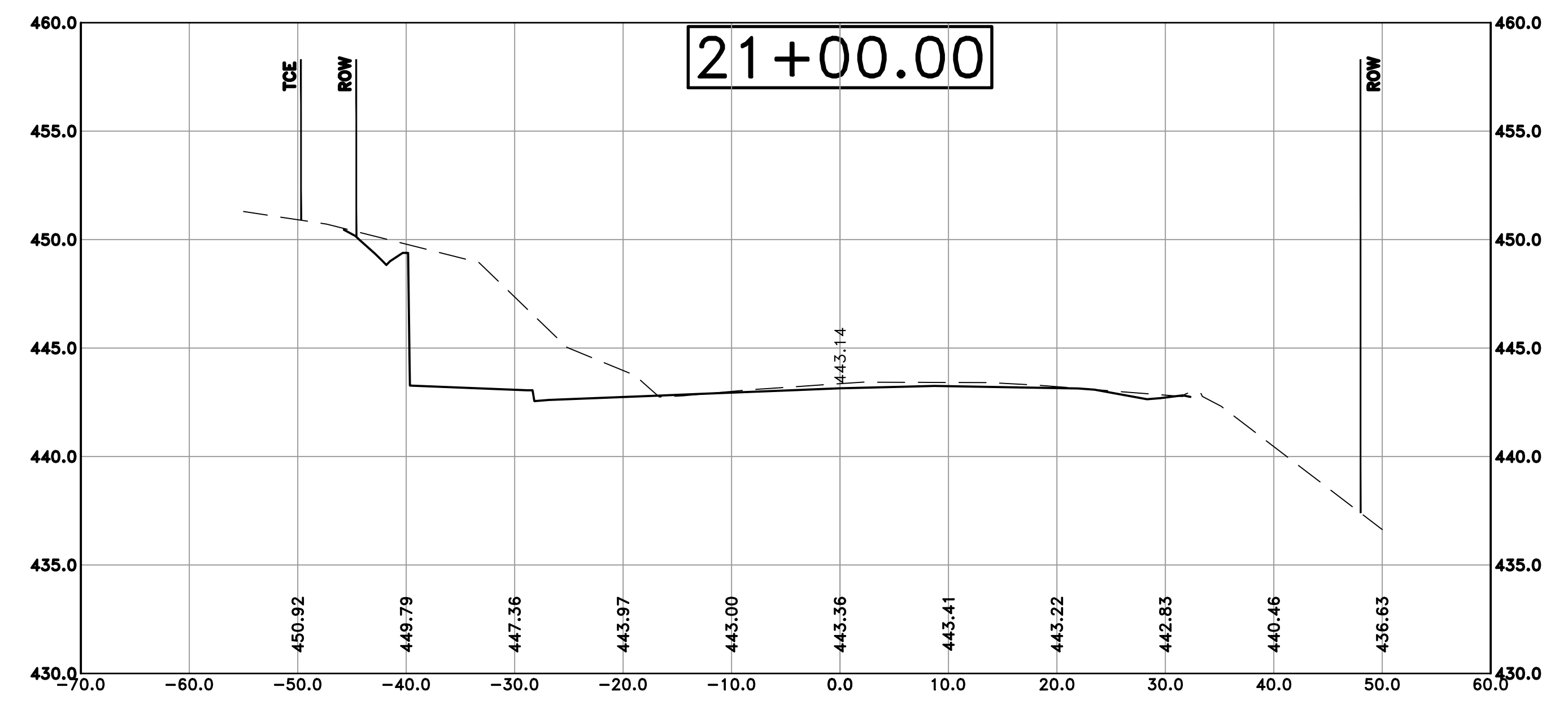
REVISIONS	DATE



Cut Area 55.88 ft2
 Fill Area 0.00 ft2
 Cut Vol 95.21 yds
 Fill Vol 0.00 yds



Cut Area 87.32 ft2
 Fill Area 0.00 ft2
 Cut Vol 53.60 yds
 Fill Vol 0.00 yds



Cut Area 140.93 ft2
 Fill Area 0.00 ft2
 Cut Vol 186.90 yds
 Fill Vol 0.00 yds

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

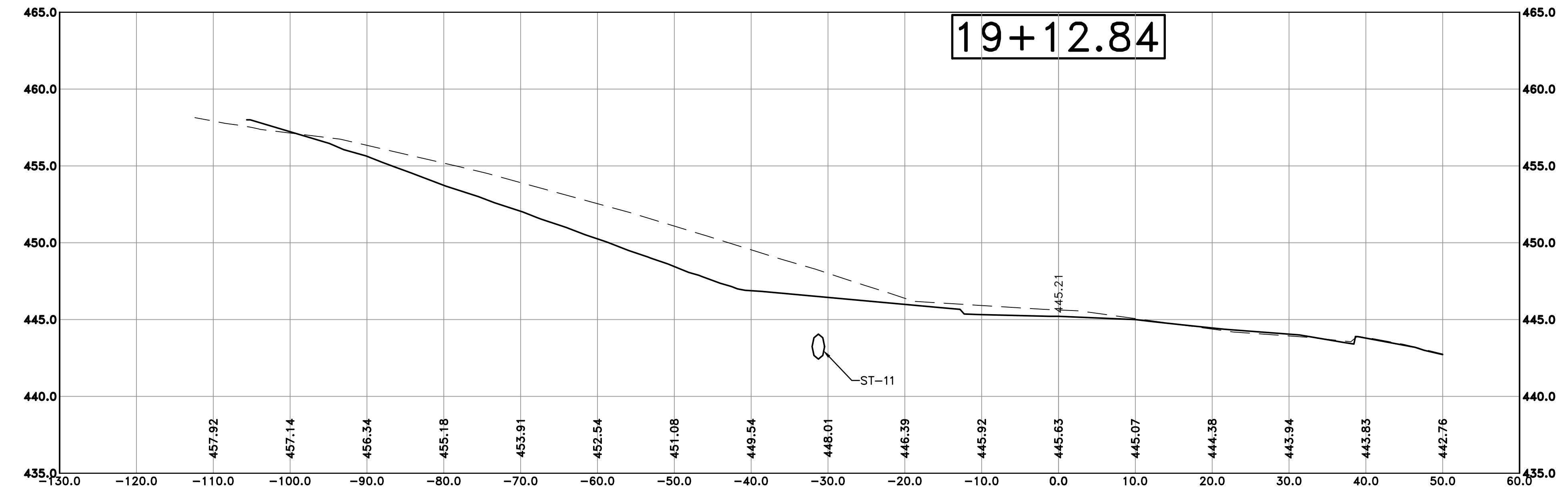
DEPARTMENT OF PUBLIC WORKS
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DESIGNED	TDF
CHECKED	BAP
DATE	05-08-2020
SCALE	H: 1"=10' V: 1"=5'
PROJECT NO.	06-17-222B
SHEET NO.	C39

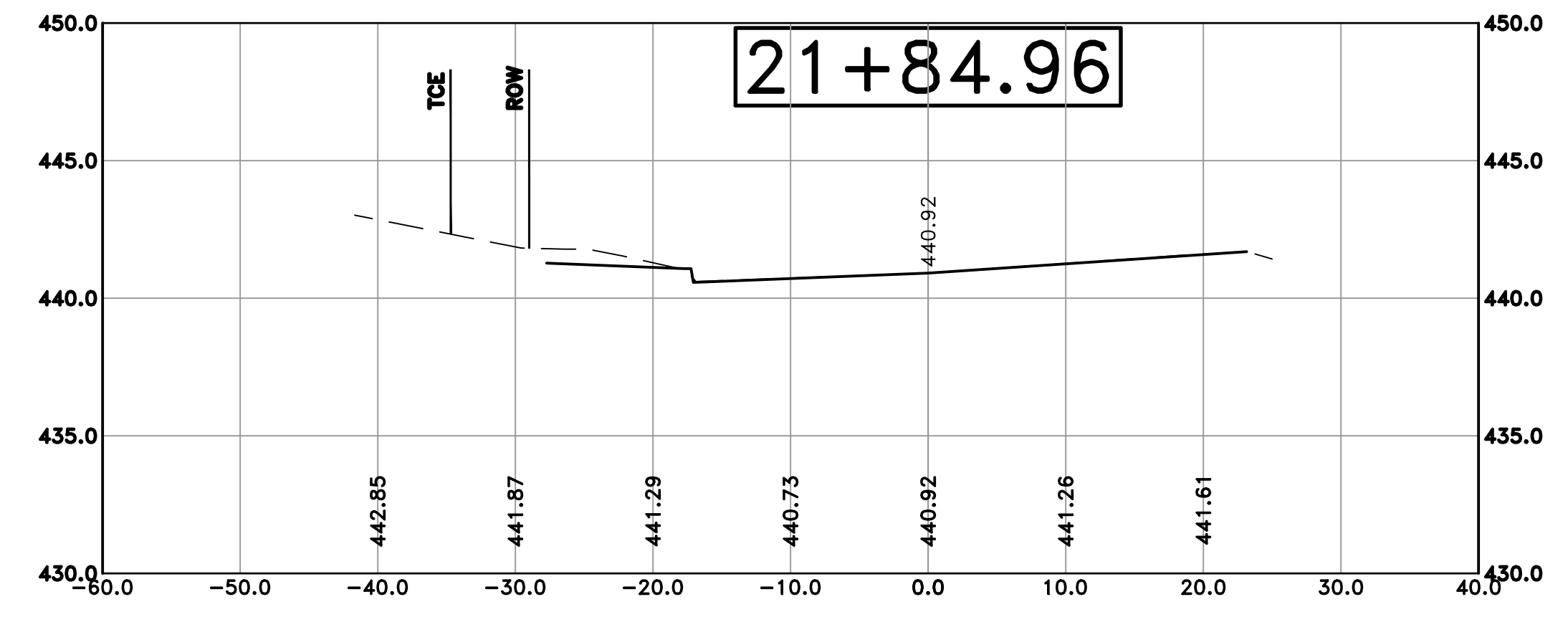
100% SUBMITTAL

REVISIONS	DATE



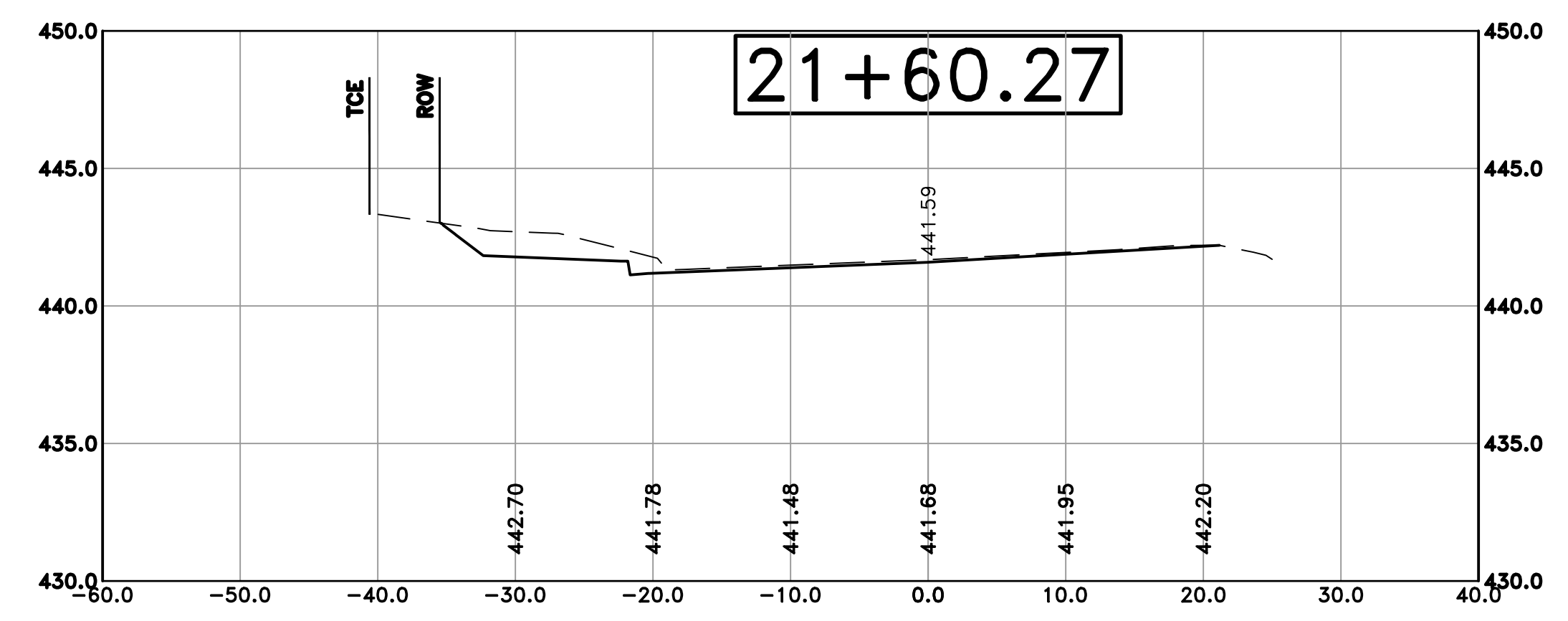
Cut Area	120.27 ft ²
Fill Area	5.90 ft ²
Cut Vol	59.47 yds
Fill Vol	2.08 yds

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



Cut Area	40.20 ft ²
Fill Area	0.00 ft ²
Cut Vol	41.46 yds
Fill Vol	0.00 yds

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Cut Area	51.47 ft ²
Fill Area	0.00 ft ²
Cut Vol	20.09 yds
Fill Vol	0.00 yds

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CHECKED	BAP
DATE	05-08-2020
SCALE	H: 1"=10' V: 1"=5'
PROJECT NO.	06-17-222B
SHEET NO.	C40