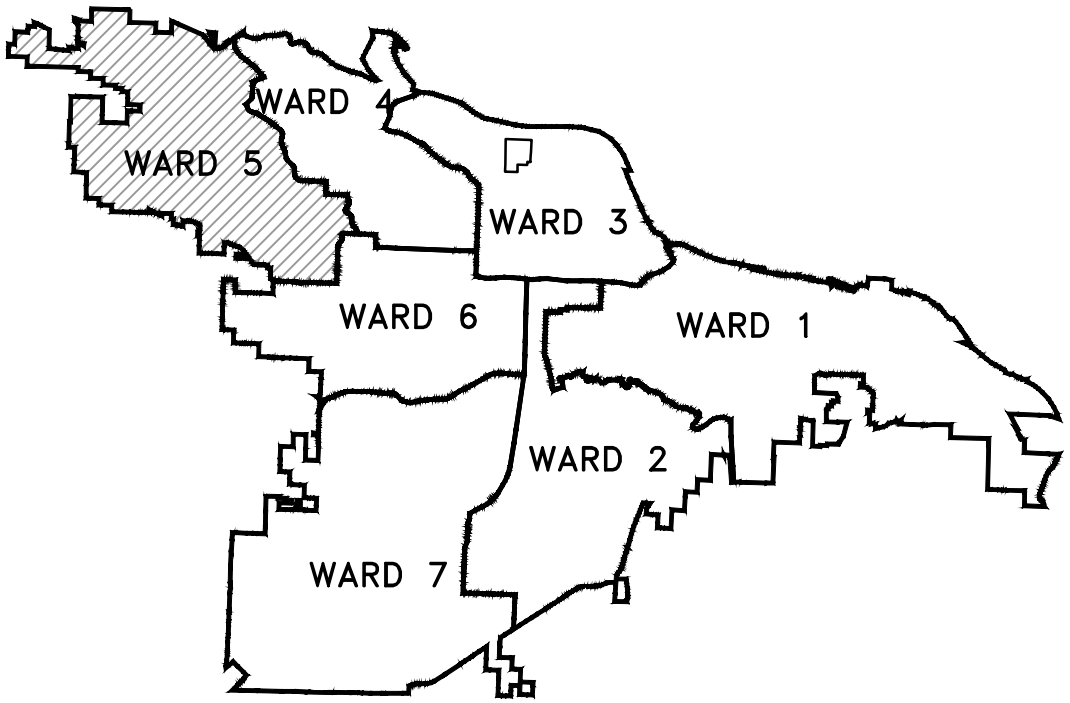
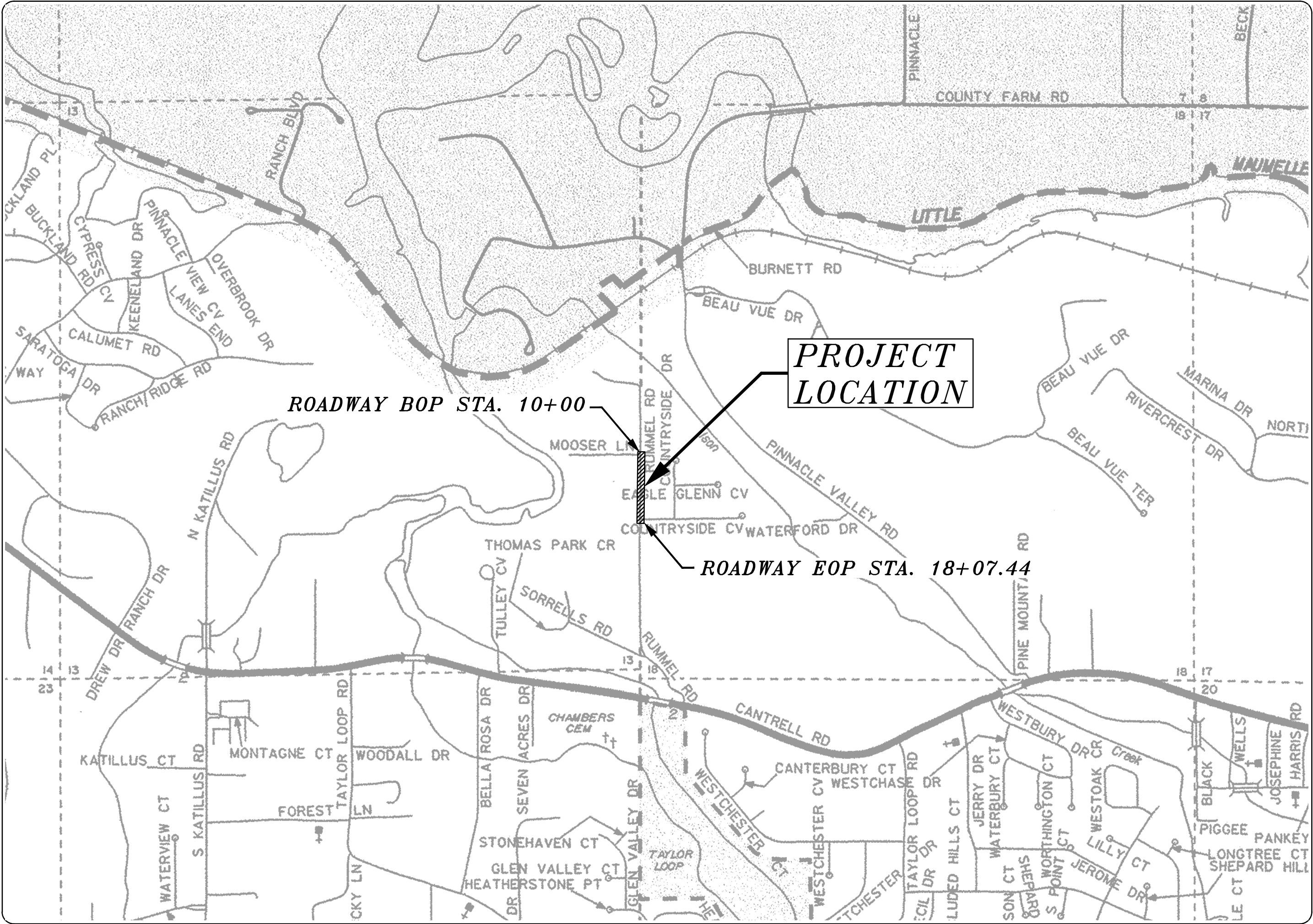


JOB #05-16-ST-224
RUMMEL ROAD IMPROVEMENTS
(MOOSER LANE TO COUNTRYSIDE CV.)
LITTLE ROCK, ARKANSAS



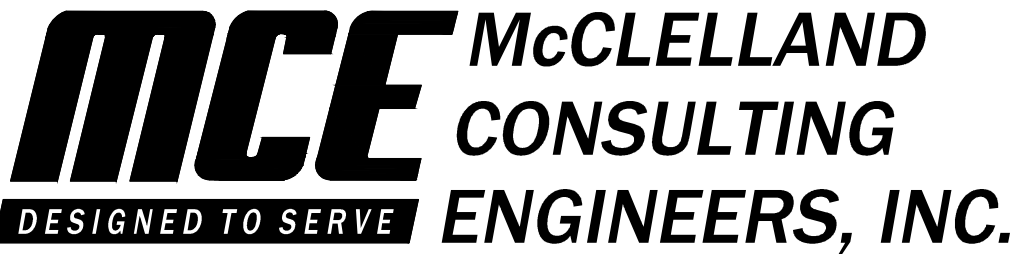
PROJECT LOCATION – WARD 5

SHEET NO.	TITLE
C1	COVER SHEET
C2	LEGEND AND QUANTITIES
C3	TYPICAL SECTION
C4	TYPICAL SECTION MOT
C5	TOPOGRAPHIC SURVEY
C6	EROSION CONTROL PLAN
C7	PLAN AND PROFILE
C8	PLAN AND PROFILE
C9	MAINTENANCE OF TRAFFIC STAGE 1
C10	MAINTENANCE OF TRAFFIC STAGE 2
C11	CROSS SECTIONS
C12	CROSS SECTIONS



PRELIMINARY
SUBJECT TO REVISION
90% SUBMITTAL 9/20/19

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



7302 Kanis Rd.
Little Rock, AR 72204
PH# 501-371-0272

<http://www.mce.us.com>

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
RUMMEL ROAD IMPROVEMENTS

COVER SHEET

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

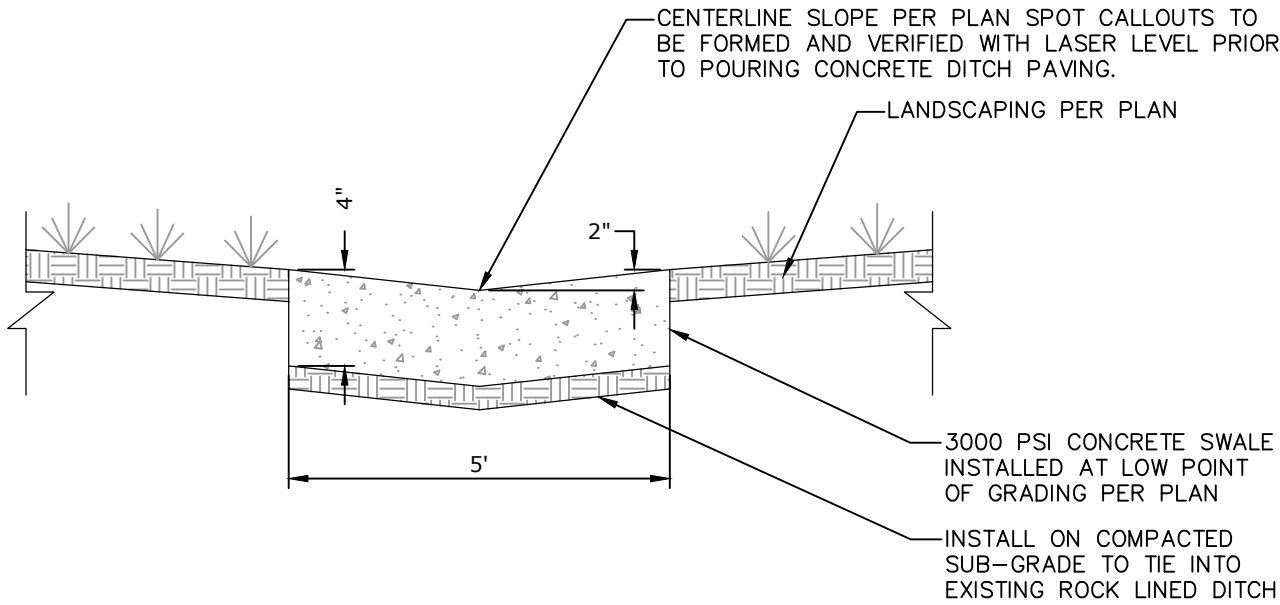
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DRAWN BY JAM
DESIGNED JJW
CHECKED MK
DATE 09/20/2019
SCALE NTS
PROJECT NO. 05-16-ST-224
SHEET NO. C1

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QUANTITIES

Item No.	CLR Item No.	Description	Unit	Estimated Quantity
1	2.01	Site Preparation	LUMP SUM	1
2	3.01	Unclassified Excavation	CU.YD.	240
3	SP & 3.06	Borrow Material	CU.YD.	380
4	4.01	Aggregate Base Couse (Class 7)	TON	255
5	5.01	Tack Coat	GAL	100
6	6.01	ACHM Surface Course	TON	165
7	6.02	ACHM Binder Course	TON	30
8	7.04	Concrete Driveway (6" Thick)	SQ. FT.	1,060
9	8.01	Concrete Curb and Gutter (Class 3)	LIN. FT.	610
10	10.01	Junction Box	EA	1
11	10.04	Curb Inlets	EA	2
12	10.07	Wing 3' Extension	EA	2
13	11.05	18" Reinforced Concrete Precast Headwall	EA	1
14	13.18C	18" Side Drain	LIN. FT.	835
15	13.63	Concrete Plug on Exsiting Storm Drain	EA	2
16	14.01	Solid Sodding, Bermuda (Includes Topsoil)	SQ. YD.	850
17	16.01	Maintenance of Traffic	LUMP SUM	1
18	22.01	Mailbox Relocation	EA	12
19	24.02	Check Dam (CD)	CU.YD.	17
20	24.06	Sediment Barrier, Silt Fence (SD1)	EA	2
21	26.01	Trench or Excavation Safety Systems	LUMP SUM	1
22	27.01	Cold Milling Asphalt Pavement	SQ. YD.	622
23	605	Concrete Ditch Paving	SQ.YD	8
24	606.18C	Flared End Section 18" RCP	EA	1



CONCRETE DITCH PAVING DETAIL N.T.S.

LEGEND

EXISTING	PROPOSED
○ IR	PROPOSED CONTOUR
○ PK	PROPOSED SPOT ELEVATION
○ RR(Sp)	PROPOSED SPOT CURB ELEVATION
□ CM	STORM SEWER – PIPE
✕ WV	STORM SEWER – MITERED END SECTION
□ WM	STORM SEWER – GRATE INLET
▽ FH	STORM SEWER – JUNCTION BOX
□ GM	STORM SEWER – FLARED END SECTION
⊗ GV	STORM SEWER – HEADWALL
○ CO	STORM SEWER – SINGLE WING
● GP	STORM SEWER – DOUBLE WING
—	STORM SEWER – AREA INLET
—	GRADE BREAK LINE
—	HIGH POINT
—	LOW POINT
—	CUT LINE
—	FILL LINE
—	SANITARY SEWER PIPE
—	SANITARY SEWER MANHOLE
—	PROPOSED CURB
—	PROPOSED CONCRETE
—	PROPOSED ASPHALT
—	PROPOSED RIP–RAP
—	CONSTRUCTION – ENTRANCE/EXIT
—	CHECK DAM
—	DIVERSION BERM
—	DOWNDRAIN STRUCTURE – TEMPORARY
—	ROCK DAM
—	SEDIMENT BARRIER – SILT FENCE
—	SEDIMENT BARRIER – GRAVEL RING
—	SEDIMENT BARRIER – BLOCK & GRAVEL
—	SEDIMENT BARRIER – BLOCK
—	TEMPORARY SEDIMENT BASIN
—	SILT FENCE – TYPE A
—	SILT FENCE – TYPE B
—	SILT FENCE – TYPE C
—	STORM DRAIN OUTLET PROTECTION
—	SURFACE ROUGHENING
—	DISTURBED AREA STABILIZATION –TEMPORARY STABILIZATION
—	DISTURBED AREA STABILIZATION –TEMPORARY GRASSING
—	DISTURBED AREA STABILIZATION –PERMANENT GRASSING
—	MATTING/BLANKETS

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
RUMMEL ROAD IMPROVEMENTS

LEGEND AND QUANTITIES

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



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PROJECT NO. 05-16-ST-224
SHEET NO. C2

TYPICAL SECTION

701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201



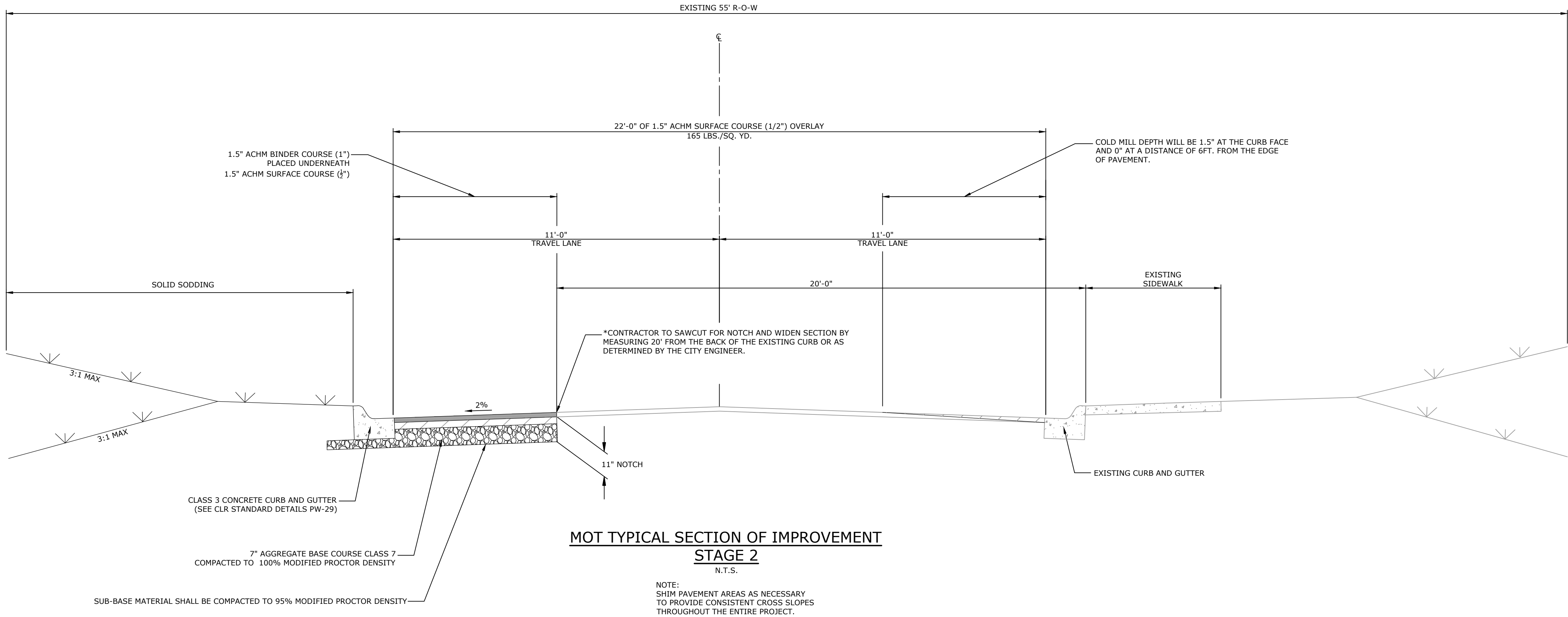
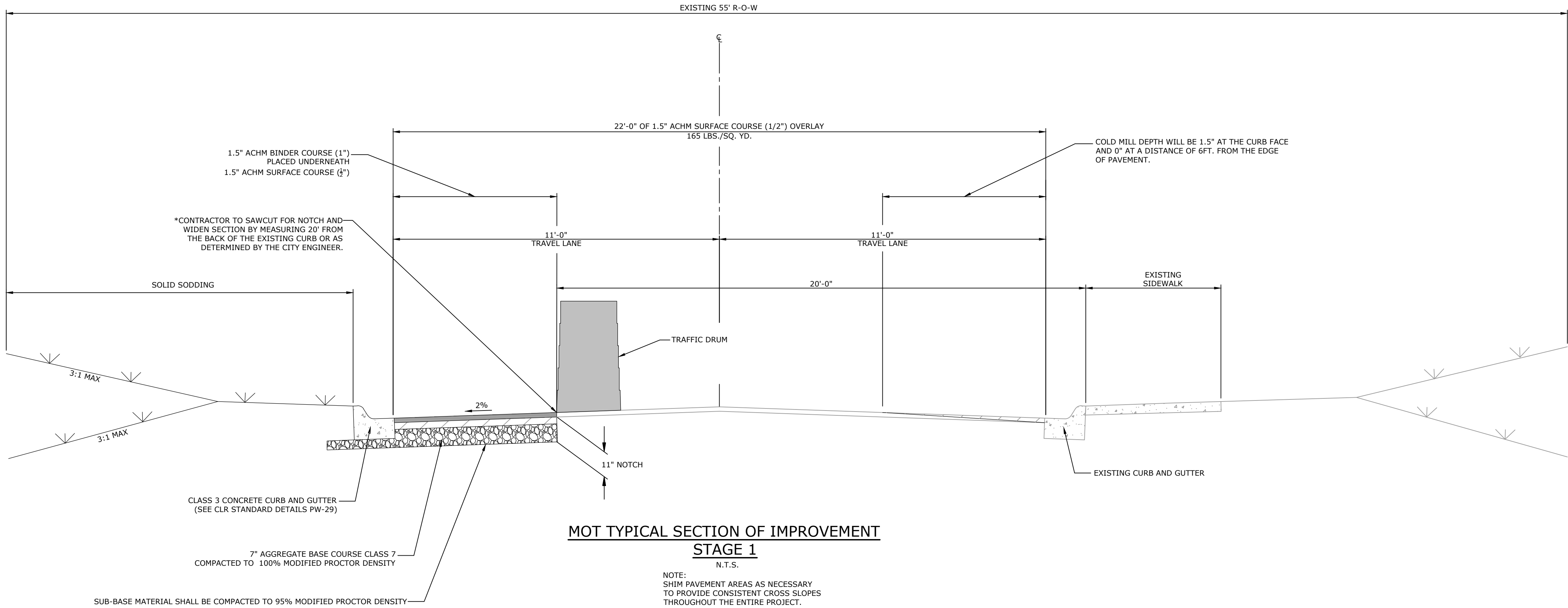
SHEET NO.

C3



NOTE:
SHIM PAVEMENT AREAS AS NECESSARY
TO PROVIDE CONSISTENT CROSS SLOPES
THROUGHOUT THE ENTIRE PROJECT.

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REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS

RUMMEL ROAD IMPROVEMENTS

TYPICAL SECTIONS MOT

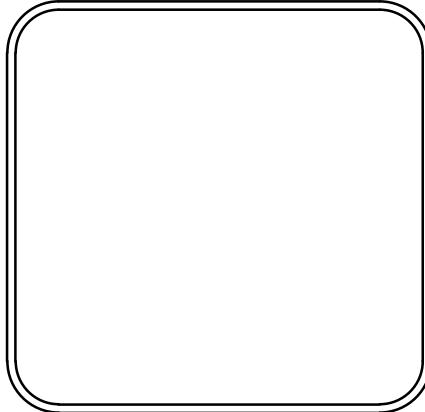
DEPARTMENT OF PUBLIC WORKS

CIVIL ENGINEERING

701 W. MARKHAM

LITTLE ROCK, ARKANSAS 72201





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JAM

DESIGNED
JJW

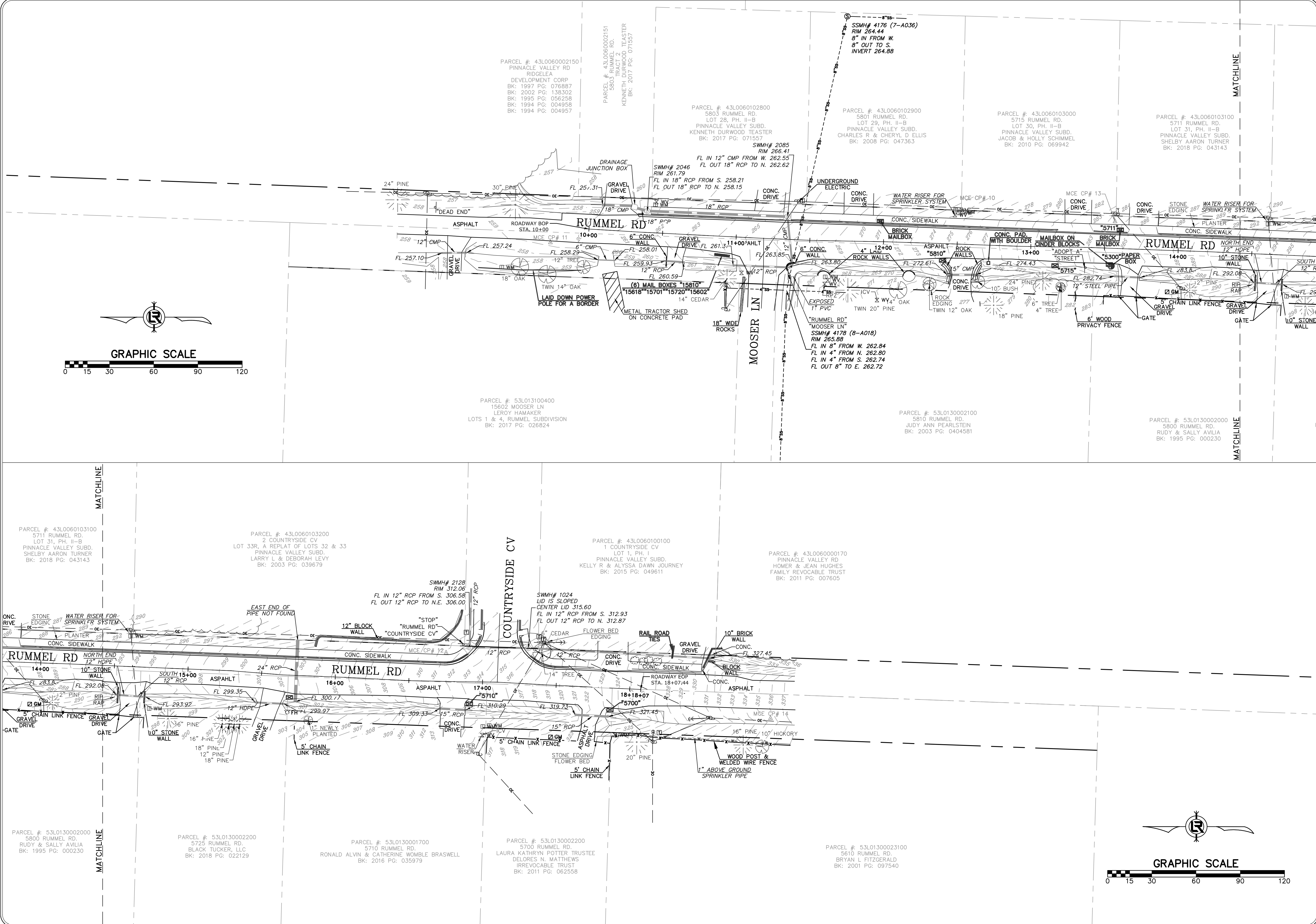
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SCALE
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PROJECT NO.
05-16-ST-224

SHEET NO.
C4



REVISIONS	DATE

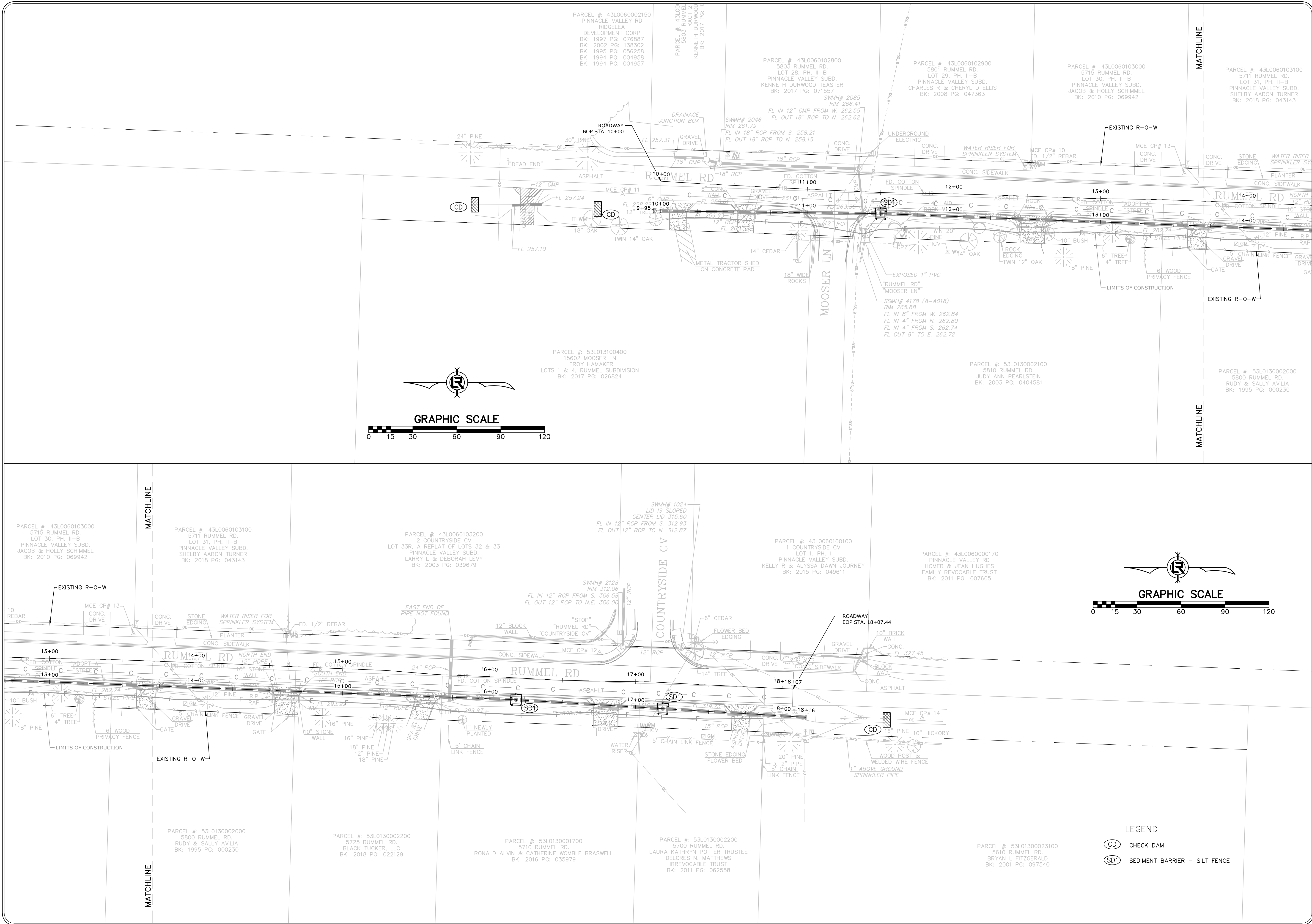
CITY OF LITTLE ROCK, ARKANSAS
RUMMEL RD. RECONSTRUCTION
TOPOGRAPHIC SURVEY



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

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JDM
DESIGNED
NA
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DATE
01/25/2019
SCALE
1" = 30'
PROJECT NO.
05-16-ST-224
SHEET NO.
C5

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REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS

RUMMEL RD. RECONSTRUCTION

EROSION CONTROL PLAN

DEPARTMENT OF PUBLIC WORKS

CIVIL ENGINEERING

701 W. MARKHAM

LITTLE ROCK, ARKANSAS 72201

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JAM

DESIGNED

JJW

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DATE

09/20/2019

SCALE

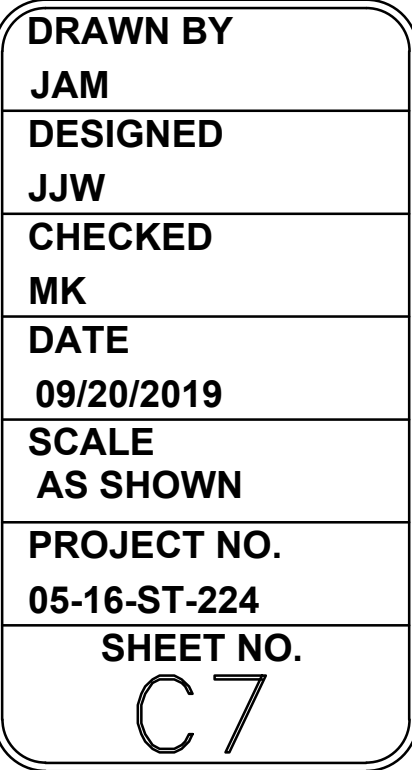
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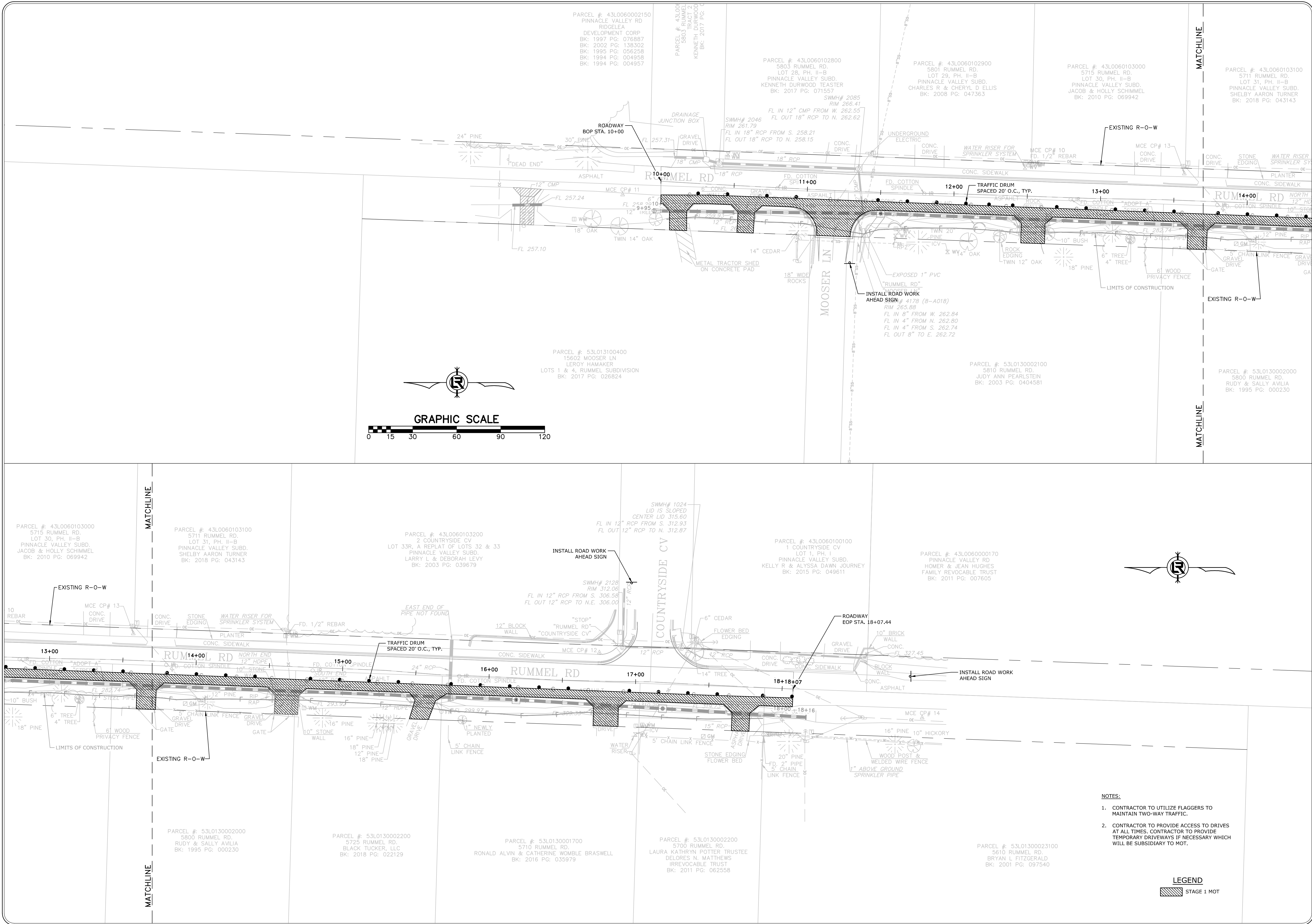
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SHEET NO.

C6



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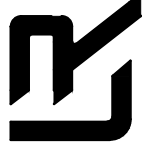


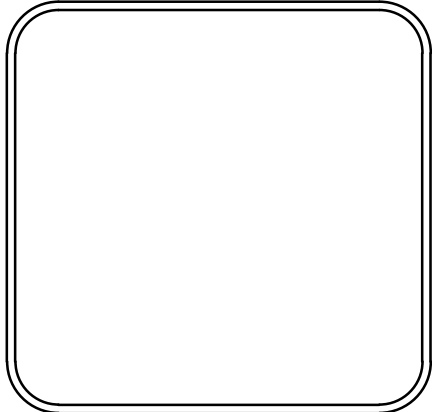
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
RUMMEL RD. RECONSTRUCTION
MAINTENANCE OF TRAFFIC STAGE 1



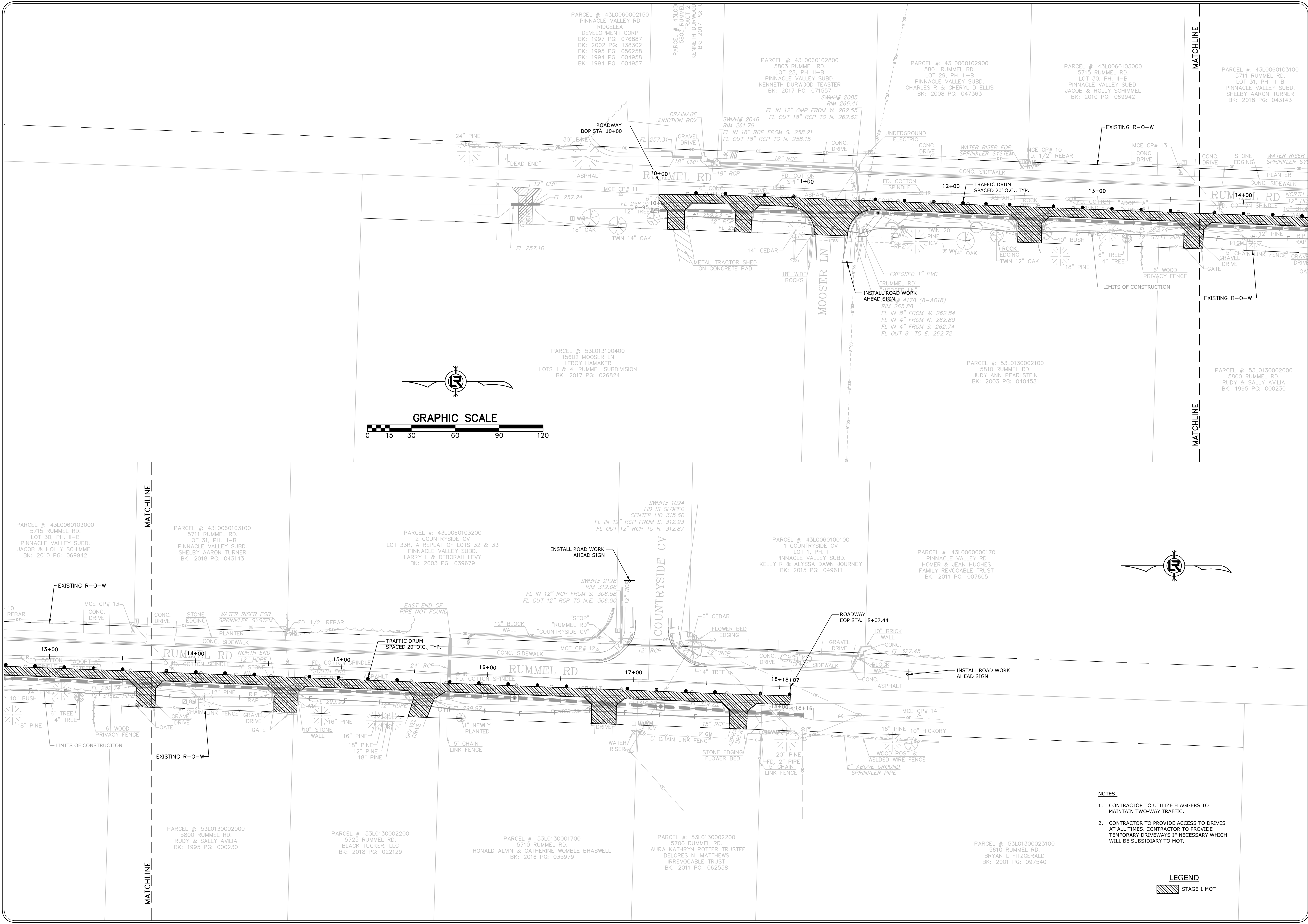
DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
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DATE 09/20/2019
SCALE 1"=30'
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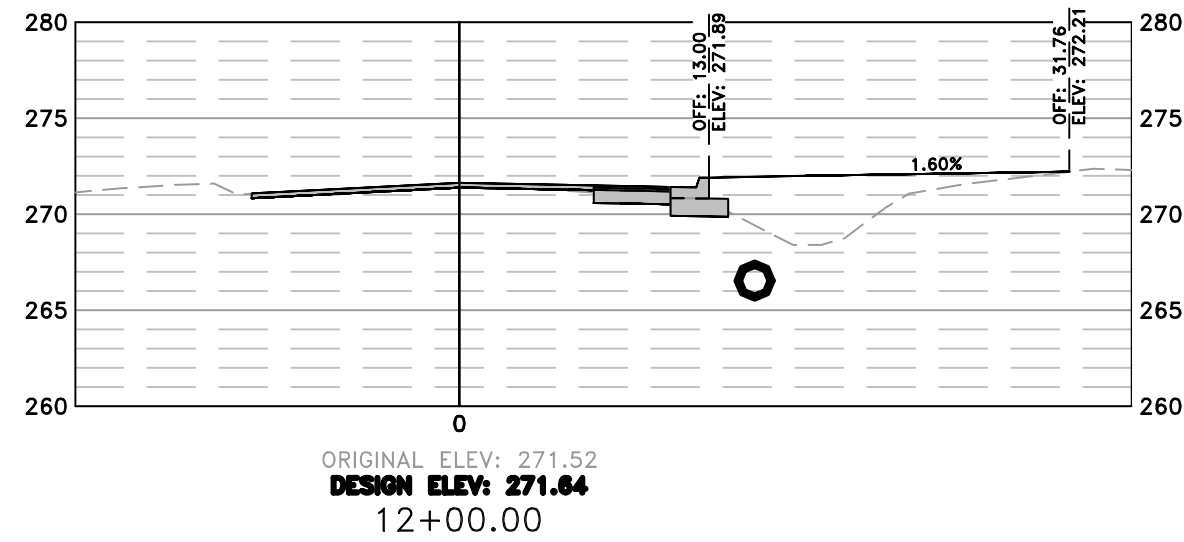
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
RUMMEL RD. RECONSTRUCTION
MAINTENANCE OF TRAFFIC STAGE 2

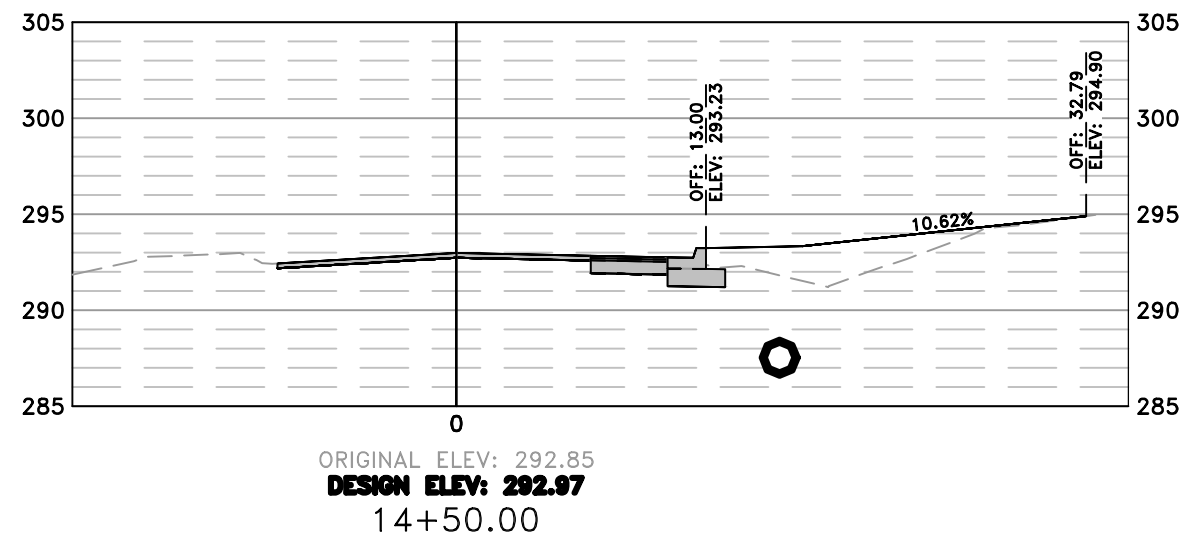
DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201



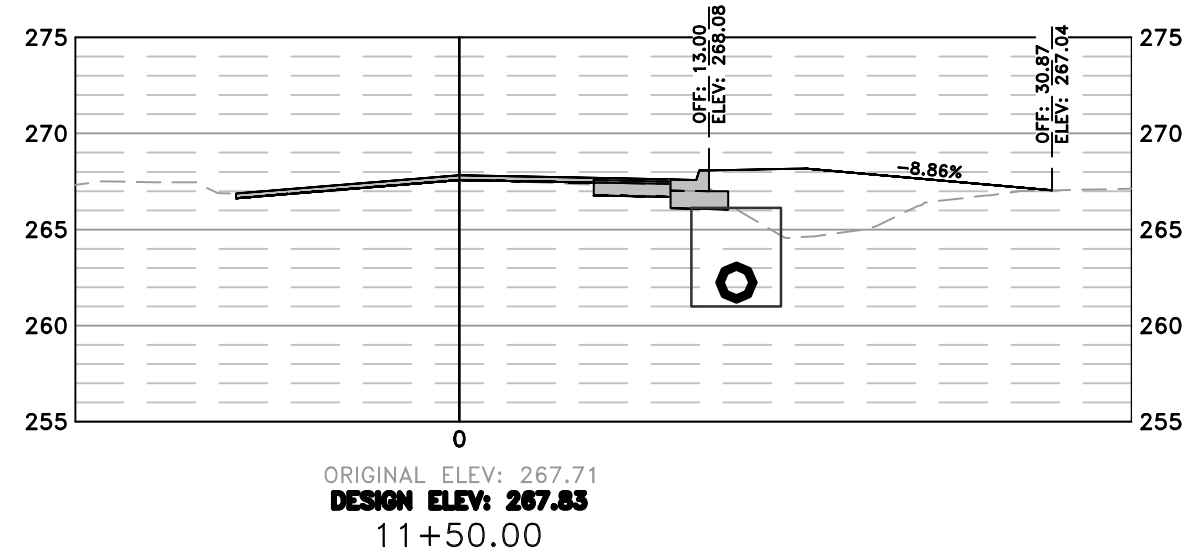
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CHECKED MK
DATE 09/20/2019
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PROJECT NO. 05-16-ST-224
SHEET NO. C10



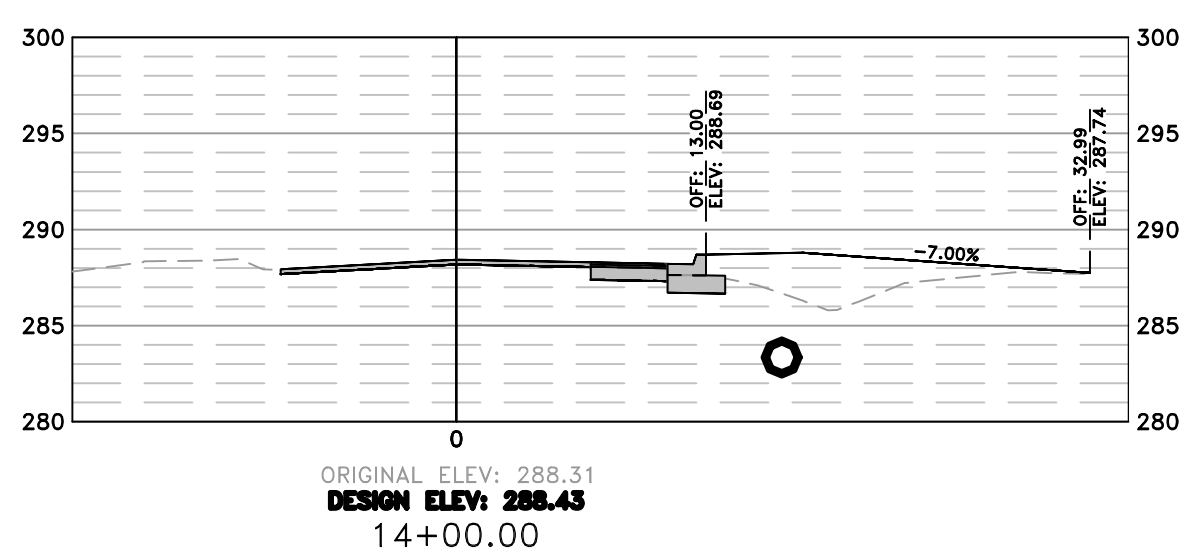
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Cut Area	6.41
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Cut Vol	12.46
Fill Vol	57.97



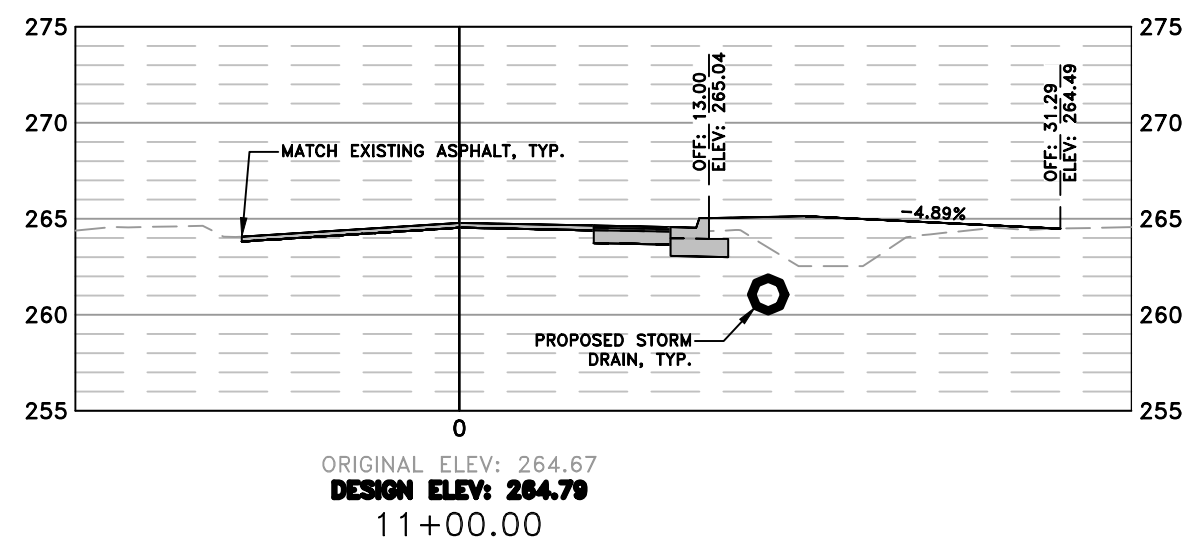
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Fill Area	18.17
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Fill Vol	39.05



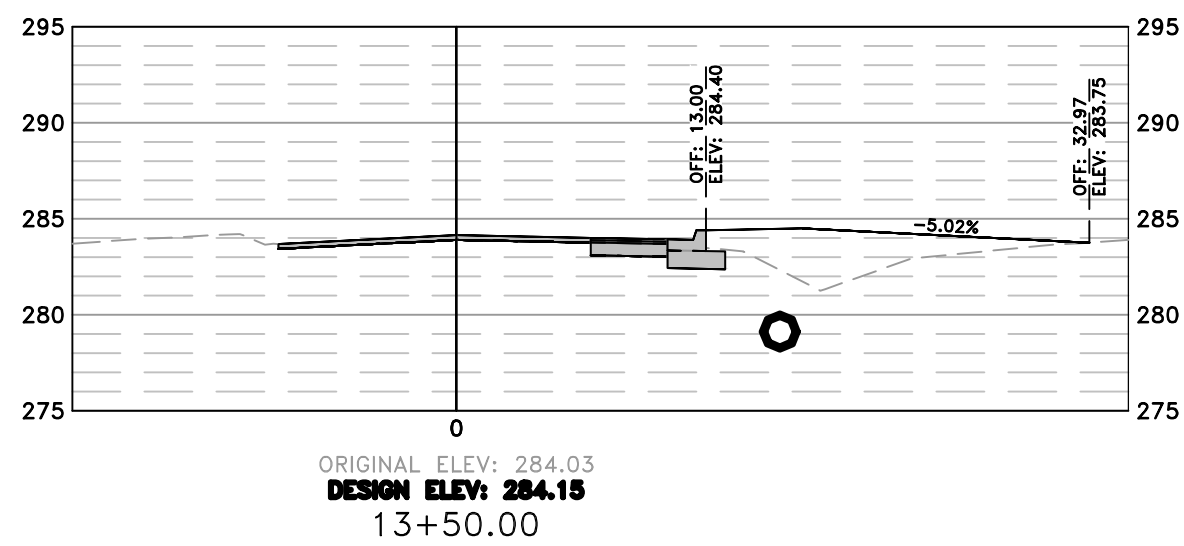
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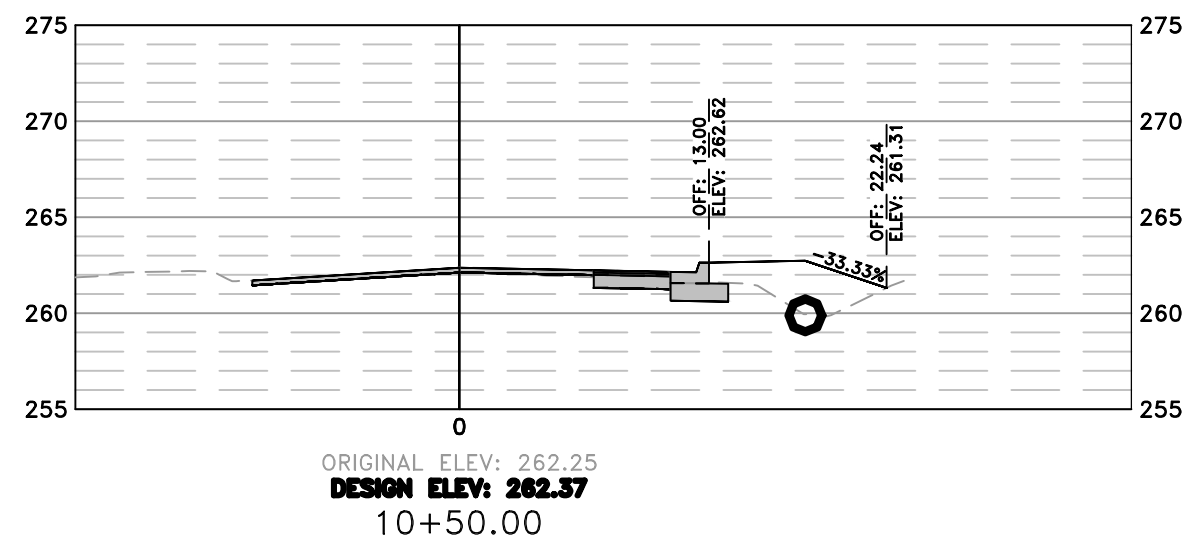
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Cut Vol	15.18
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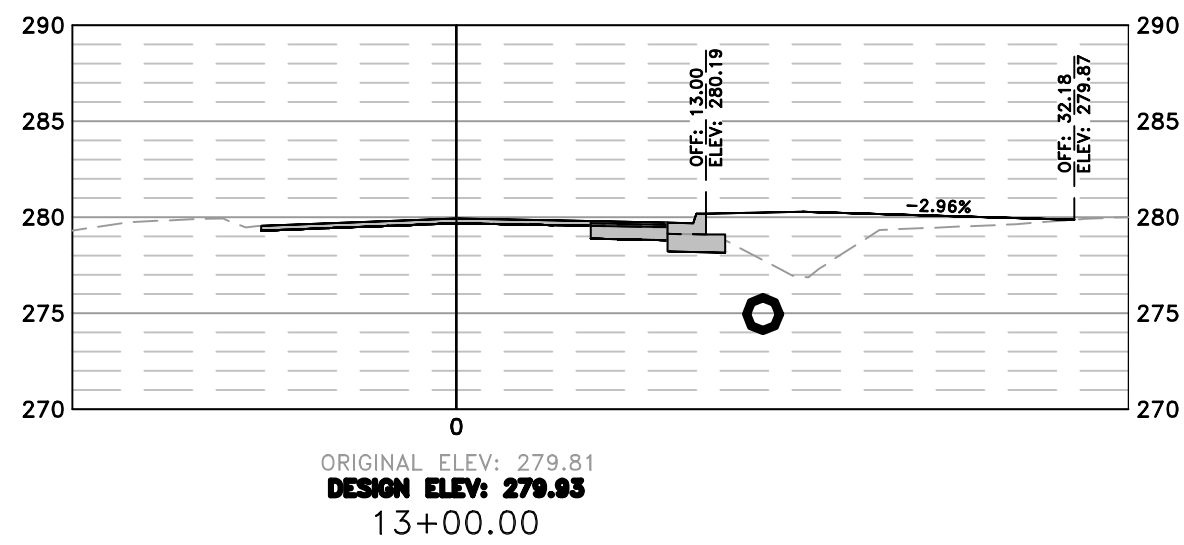
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Cut Vol	15.57
Fill Vol	31.76



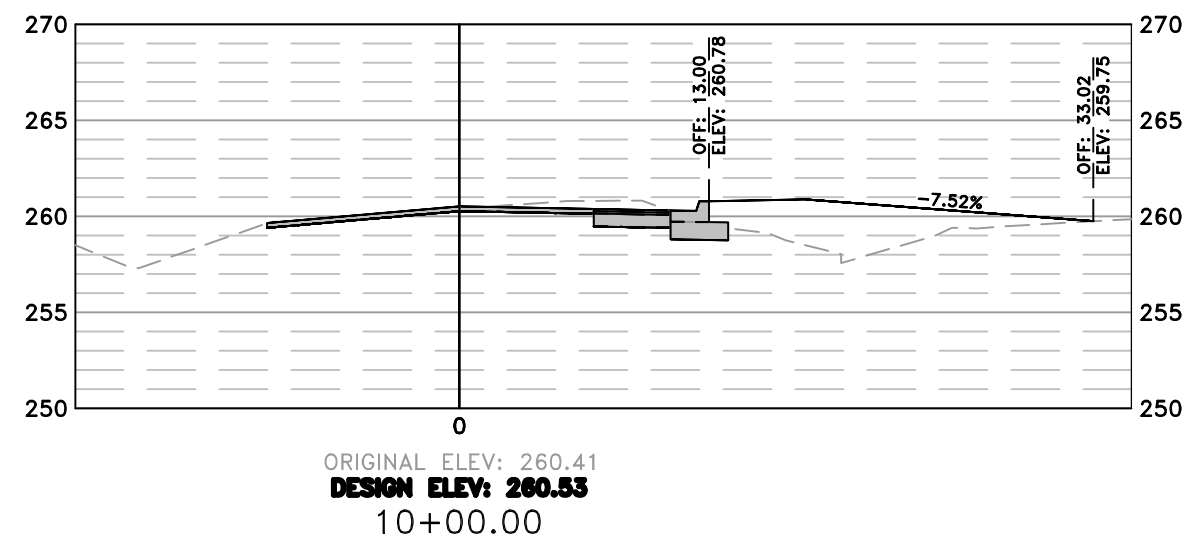
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Fill Area	26.12
Cut Vol	15.57
Fill Vol	45.49



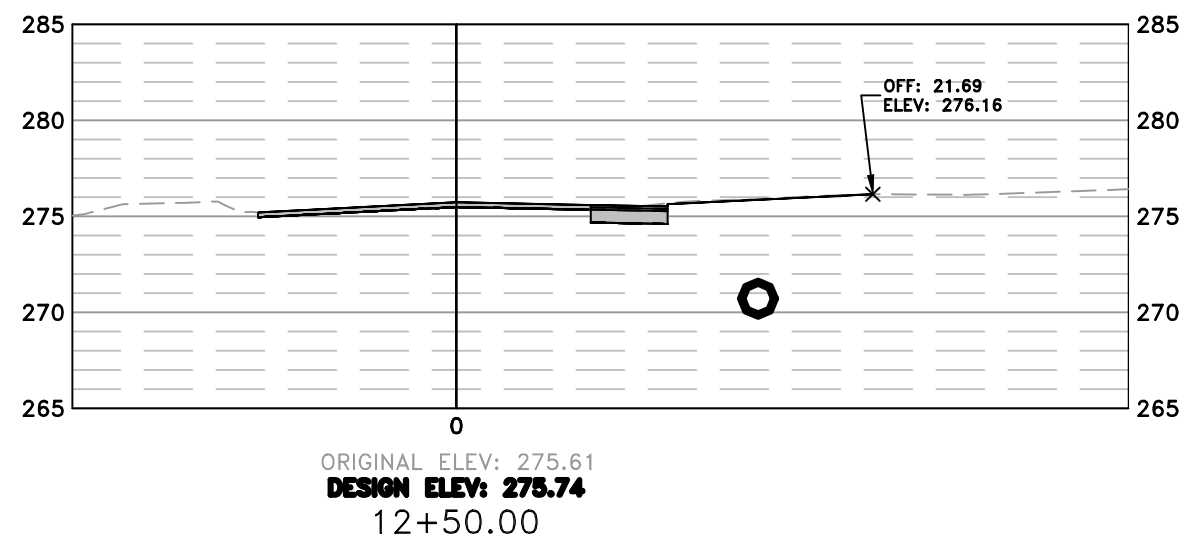
Total Volume at Station 10+50.00	
Cut Area	7.43
Fill Area	14.08
Cut Vol	18.70
Fill Vol	38.70



Total Volume at Station 13+00.00	
Cut Area	8.37
Fill Area	23.40
Cut Vol	14.44
Fill Vol	21.83



Total Volume at Station 10+00.00	
Cut Area	12.76
Fill Area	27.72
Cut Vol	0.00
Fill Vol	0.00

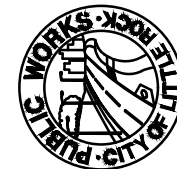


Total Volume at Station 12+50.00	
Cut Area	7.19
Fill Area	0.00
Cut Vol	12.57
Fill Vol	27.17

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
RUMMEL RD. RECONSTRUCTION

CROSS SECTIONS

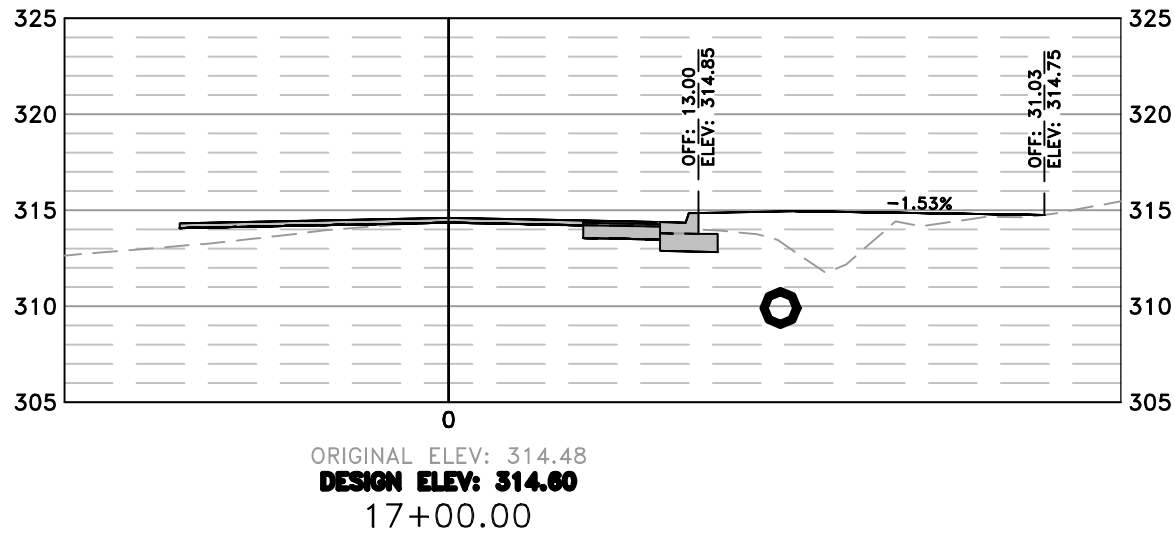


DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201

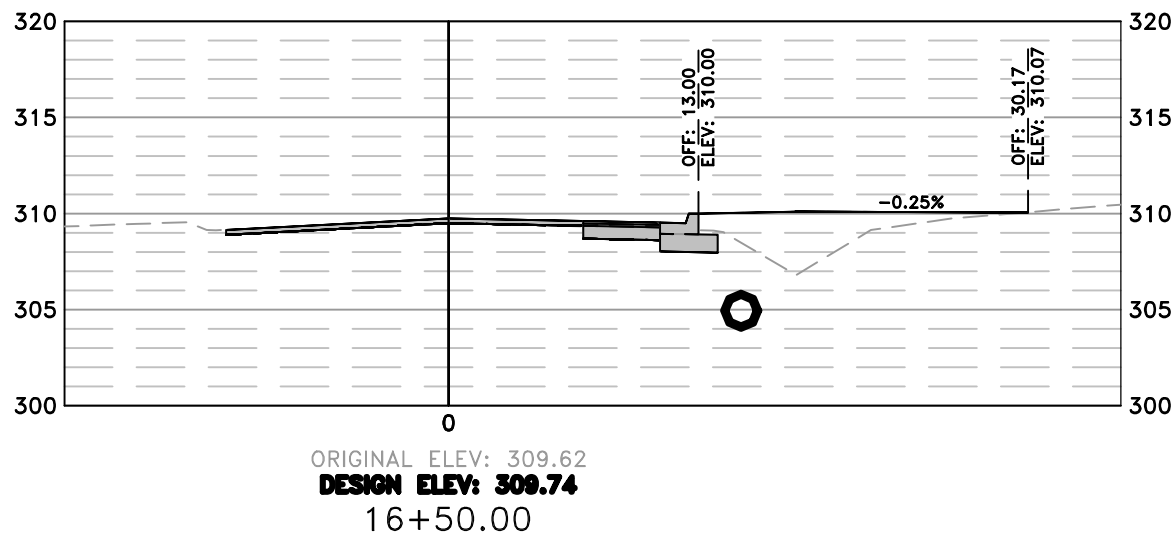


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PROJECT NO. 05-16-ST-224
SHEET NO. C11

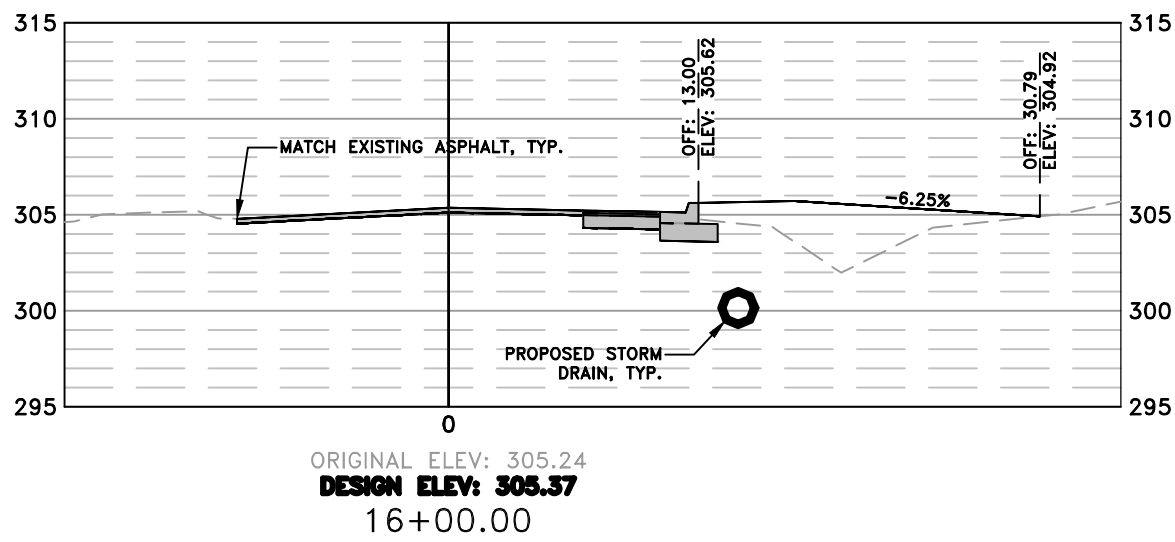
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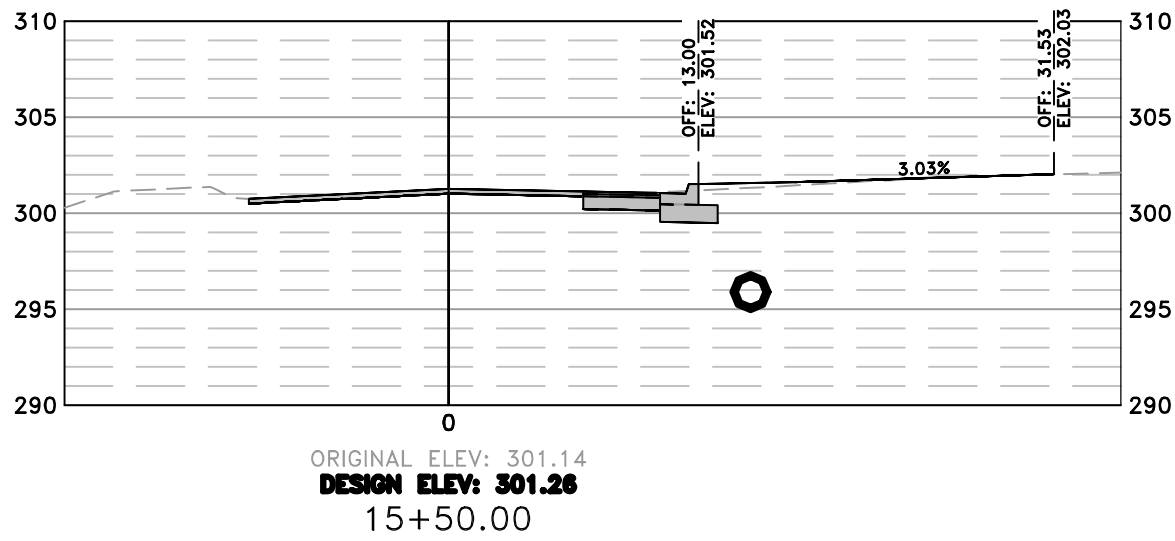
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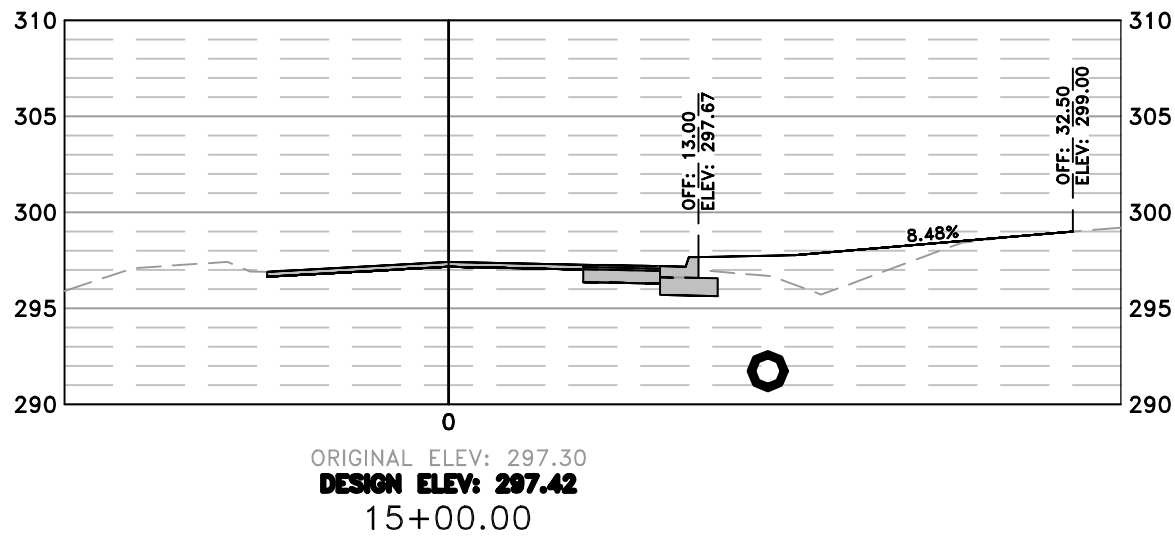
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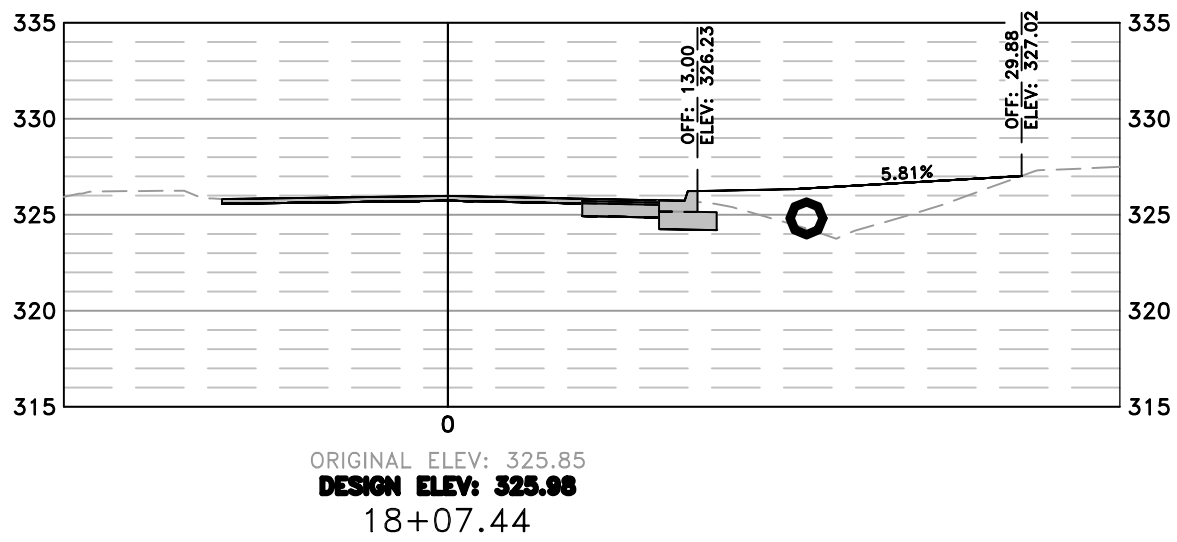
Total Volume at Station 16+00.00	
Cut Area	8.99
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Fill Vol	25.55



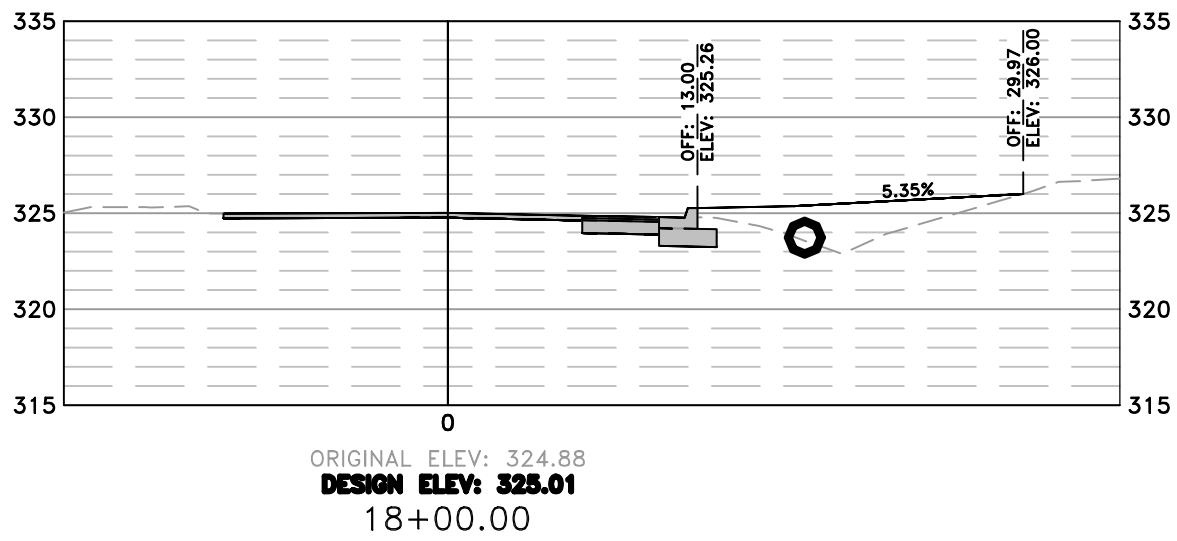
Total Volume at Station 15+50.00	
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Fill Area	1.57
Cut Vol	20.87
Fill Vol	15.27



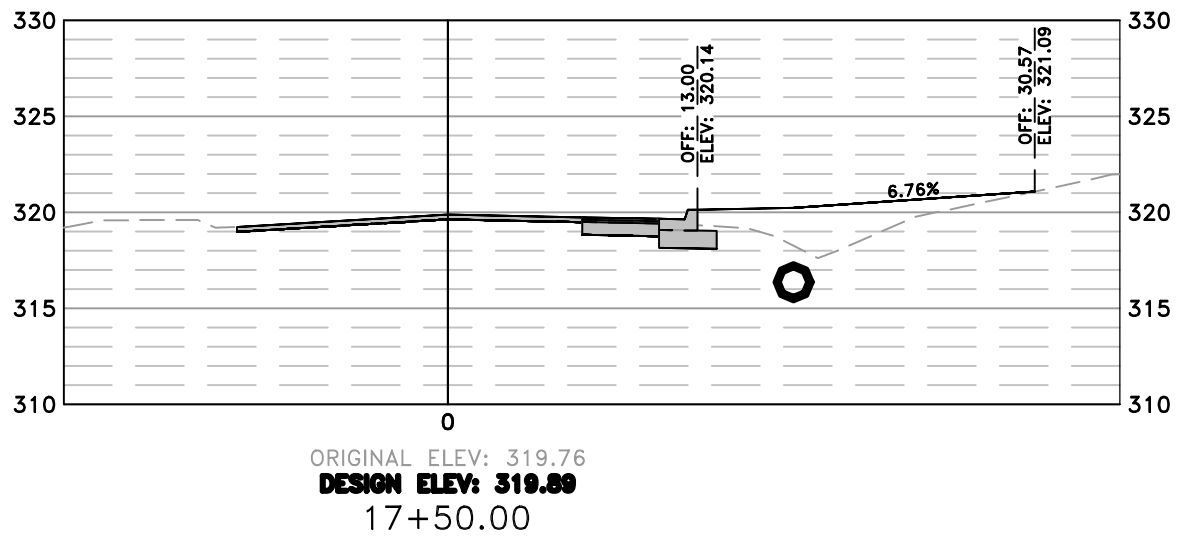
Total Volume at Station 15+00.00	
Cut Area	11.05
Fill Area	15.19
Cut Vol	19.72
Fill Vol	30.89



Total Volume at Station 18+07.44	
Cut Area	11.35
Fill Area	23.34
Cut Vol	3.15
Fill Vol	6.03



Total Volume at Station 18+00.00	
Cut Area	11.48
Fill Area	20.38
Cut Vol	19.36
Fill Vol	37.33



Total Volume at Station 17+50.00	
Cut Area	9.43
Fill Area	19.93
Cut Vol	14.48
Fill Vol	40.80

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
RUMMEL RD. RECONSTRUCTION

CROSS SECTIONS



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



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PROJECT NO. 05-16-ST-224
SHEET NO. C12