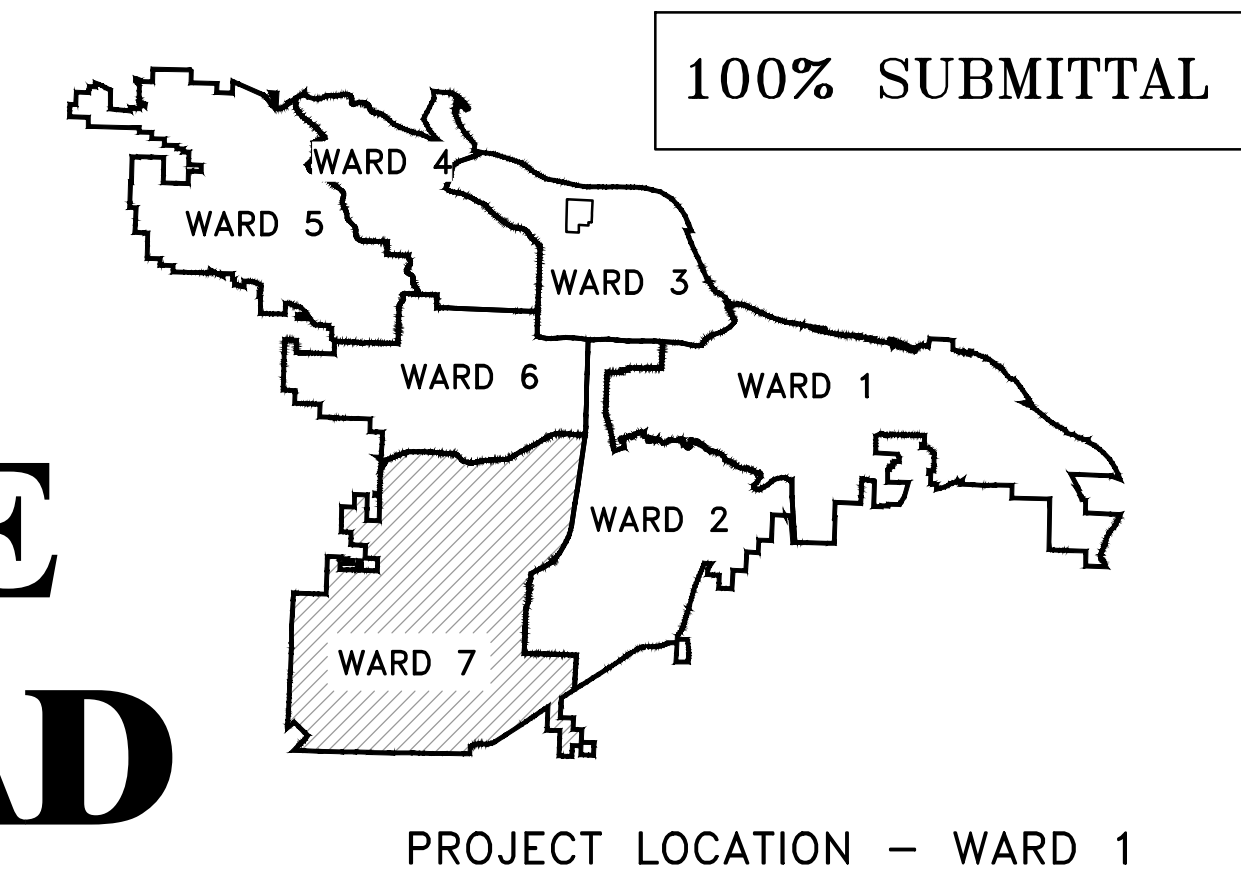


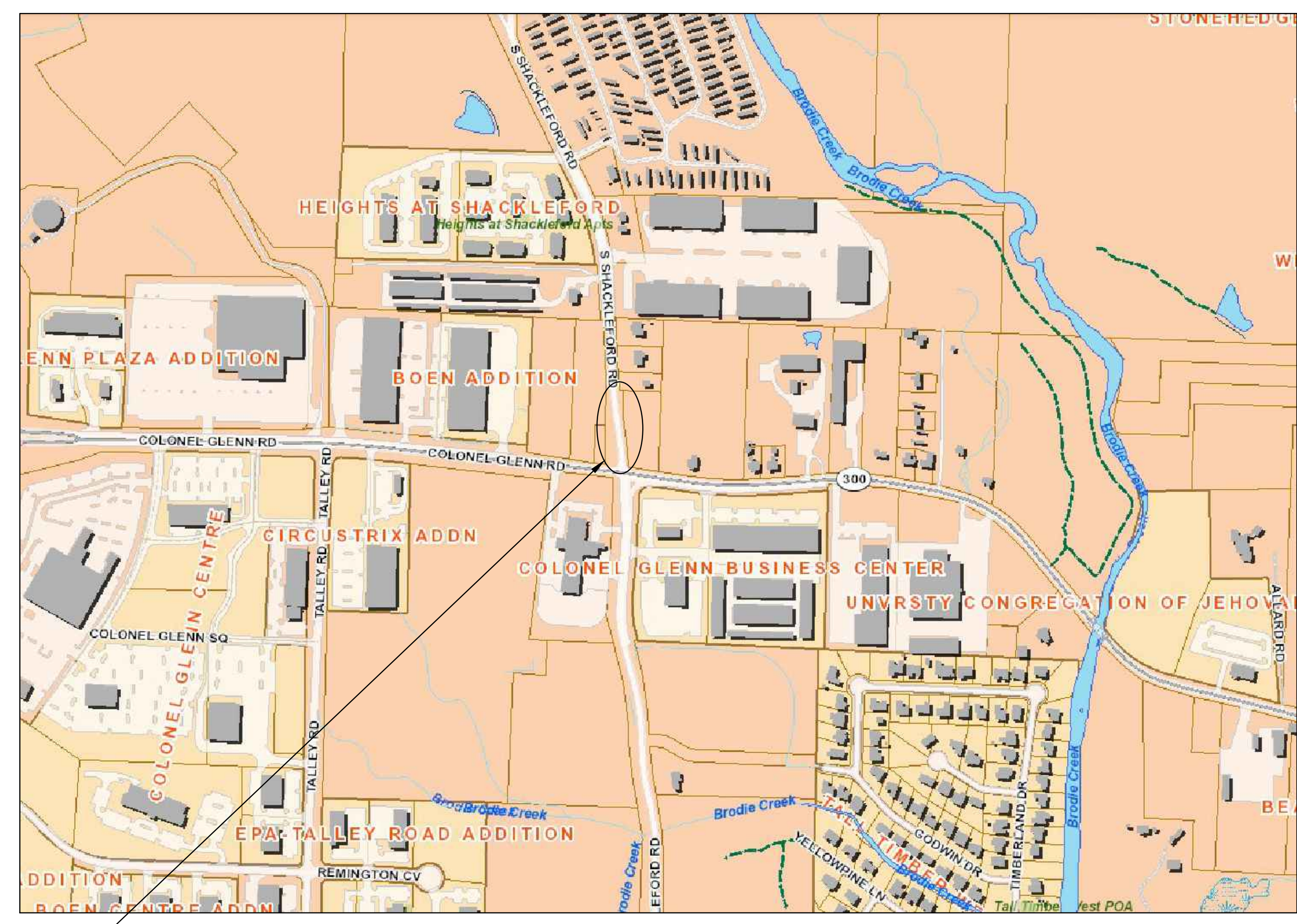
PROJECT # 06-22-DR-158 SHACKLEFORD ROAD DRAINAGE NORTH OF COLONEL GLENN ROAD



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CITY OF LITTLE ROCK, ARKANSAS
SHACKLEFORD ROAD DRAINAGE
NORTH OF COLONEL GLENN ROAD

COVER SHEET



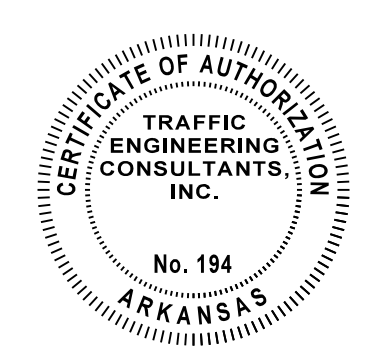
Sheet List Table	
Sheet Number	Sheet Title
C1	COVER SHEET
C2	GENERAL NOTES, LEGEND & QUANTITIES
C3	PLAN & PROFILE SHEET
C4	CENTERLINE FIELD TIES
C5	EROSION CONTROL PH I
C6	EROSION CONTROL PH II
C7	EROSION CONTROL PH III
C8	MAINTENANCE OF TRAFFIC PH I
C9	MAINTENANCE OF TRAFFIC PH II
C10	PAVEMENT MARKING PLAN
C11	STANDARD DETAILS



PROJECT LOCATION

LOCATION

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



TEC
A CLEAR DIRECTION

Traffic Engineering Consultants, Inc.
8221 Ranch Blvd., Suite A-1 - Little Rock, AR 72223, Ph: 501-270-8620, Web: www.tecusa.com

B. Finley Vinson III
B. FINLEY VINSON, III, P.E. # 13224
C.A. # 194, RENEWAL 12-31-24

11/8/24
DATE

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LITTLE ROCK, ARKANSAS 72201



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C1

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REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
SHACKLEFORD ROAD DRAINAGE
NORTH OF COLONEL GLENN ROAD

GENERAL NOTES, LEGEND & QUANTITIES

ITEM	DESCRIPTION	QTY	UNIT
2.01	SITE PREPARATION	1	L.S.
3.03	COMPACTED FILL	6	CY
11.03	CONCRETE REINFORCED HEADWALL	5	CY
13.36C	STORM DRAIN PIPES, 36" (CROSS DRAIN)	92	L.F.
16.01	MAINTENANCE OF TRAFFIC	1	L.S.
17.01	CUT AND REPAIR EXISTING STREET SURFACE	78	SY
18.08	1' THICK RIP RAP (GROUTED, W/ FILTER FABRIC)	10	SY
19.01	FINAL CLEAN UP	1	L.S.
24.02	CHECK DAM	12	CY
24.11	SILT FENCE - TYPE A (SFA)	130	L.F.
24.20	PERMANENT SEEDING	90	SY
32.36	FLARED END SECTION, 36"	2	EA.
50.00W	THERMOPLASTIC PAVEMENT MARKING, 4" (WHITE)	42	L.F.
50.00Y	THERMOPLASTIC PAVEMENT MARKING, 4" (YELLOW)	42	L.F.

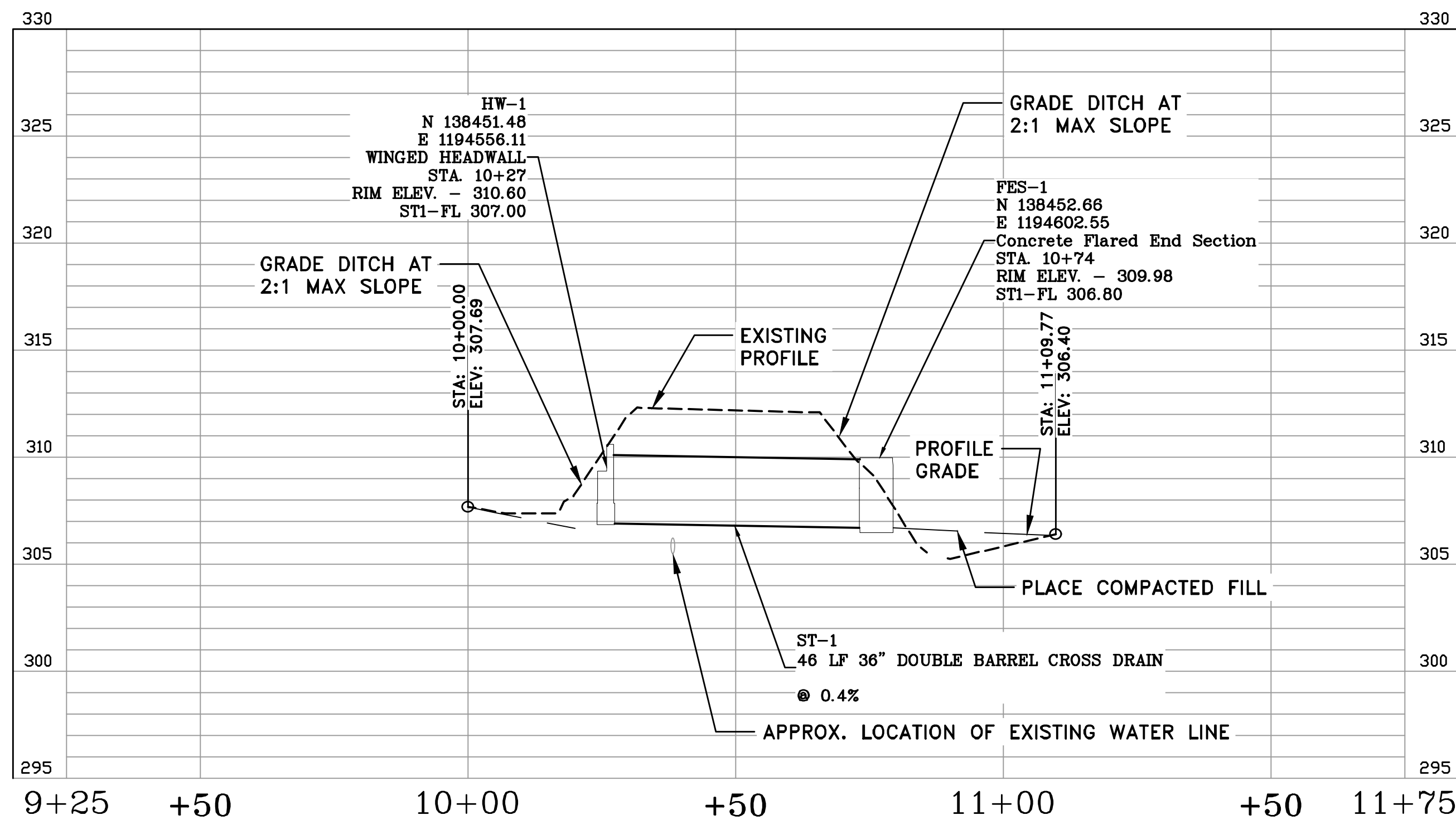
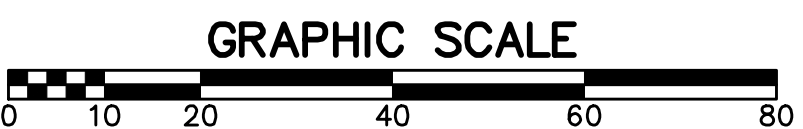
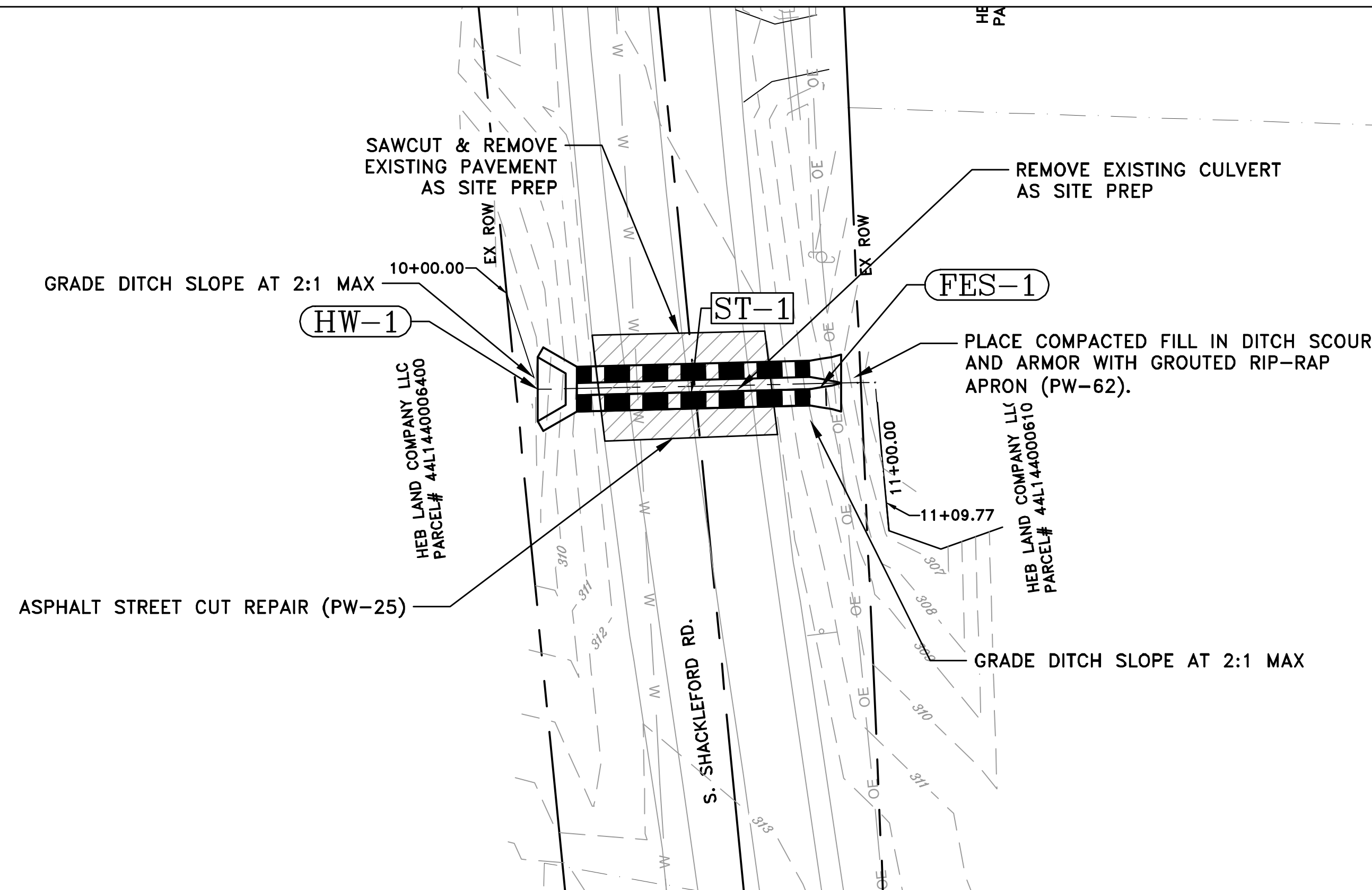
EXISTING	PROPOSED
IRON ROD	PROPOSED CONTOUR
PK NAIL	PROPOSED SPOT ELEVATION
R.R. SPIKE	PROPOSED SPOT CURB ELEVATION
CONC. MONUMENT	STORM SEWER - PIPE
WATER VALVE	STORM SEWER - MITERED END SECTION
WATER METER	STORM SEWER - GRATE INLET
FIRE HYDRANT	STORM SEWER - JUNCTION BOX
GAS METER	STORM SEWER - FLARED END SECTION
GAS VALVE	STORM SEWER - HEADWALL
CLEAN-OUT	STORM SEWER - SINGLE WING
GUARD POST (BOLLARD)	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	

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SHACKLEFORD DRAINAGE

CITY OF LITTLE ROCK, ARKANSAS
SHACKLEFORD ROAD DRAINAGE
NORTH OF COLONEL GLENN ROAD
PLAN & PROFILE SHEET

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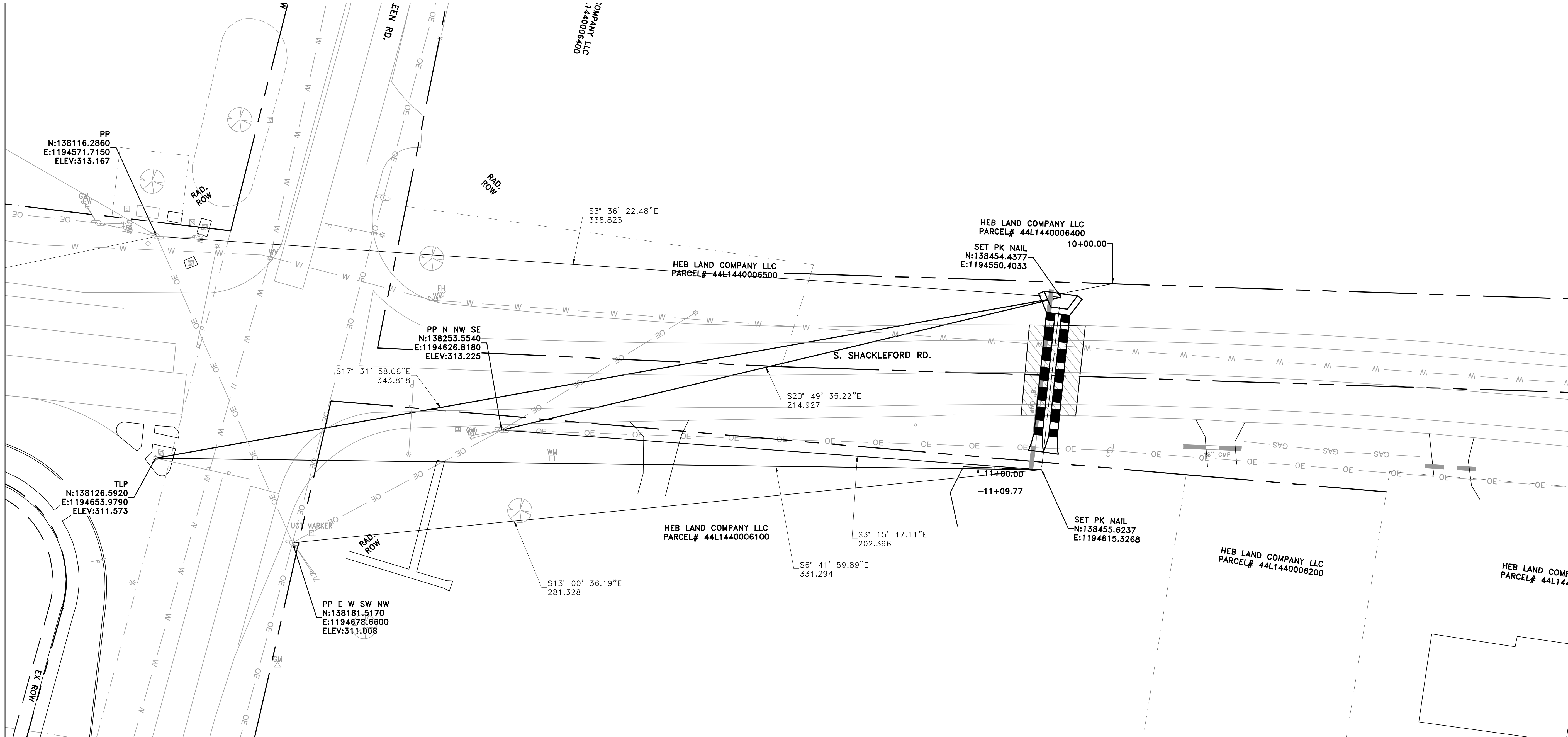
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CITY OF LITTLE ROCK, ARKANSAS
 SHACKLEFORD ROAD DRAINAGE
 NORTH OF COLONEL GLENN ROAD
 CENTERLINE FIELD TIES

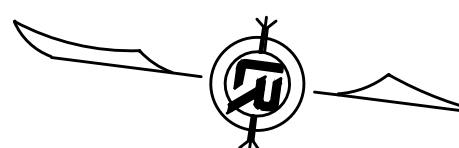
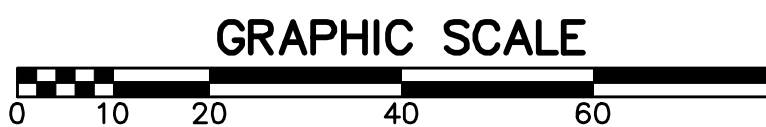
DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201

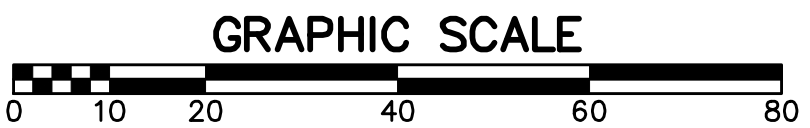
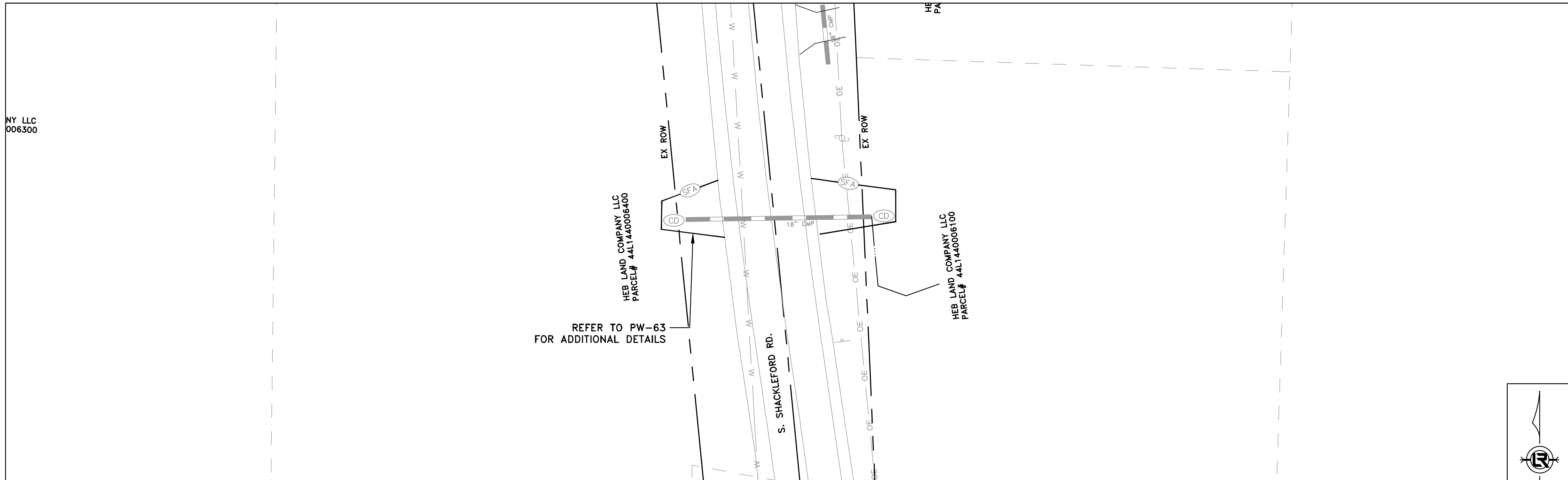


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 H: 1"=20'
 V: 1"=5'
 PROJECT NO.
 # 06-22-DR-158

SHEET NO.
 C4





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 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.

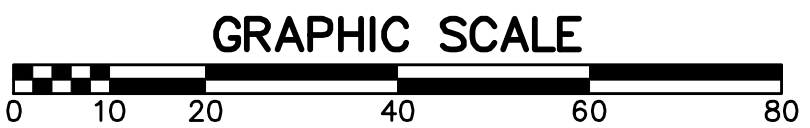
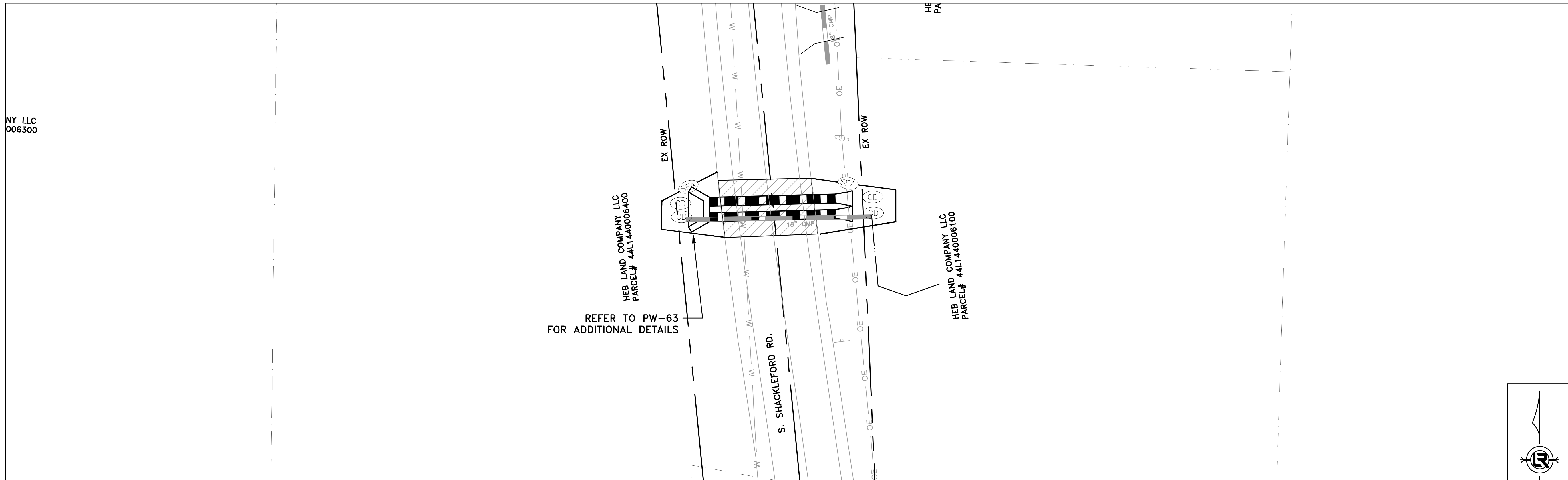
CITY OF LITTLE ROCK, ARKANSAS
SHACKLEFORD ROAD DRAINAGE
NORTH OF COLONEL GLENN ROAD

EROSION CONTROL PH I

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CIVIL ENGINEERING
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LITTLE ROCK, ARKANSAS 72201



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PROJECT NO. # 06-22-DR-158
SHEET NO. C5



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
SHACKLEFORD ROAD DRAINAGE
NORTH OF COLONEL GLENN ROAD

EROSION CONTROL PH II

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LITTLE ROCK, ARKANSAS 72201



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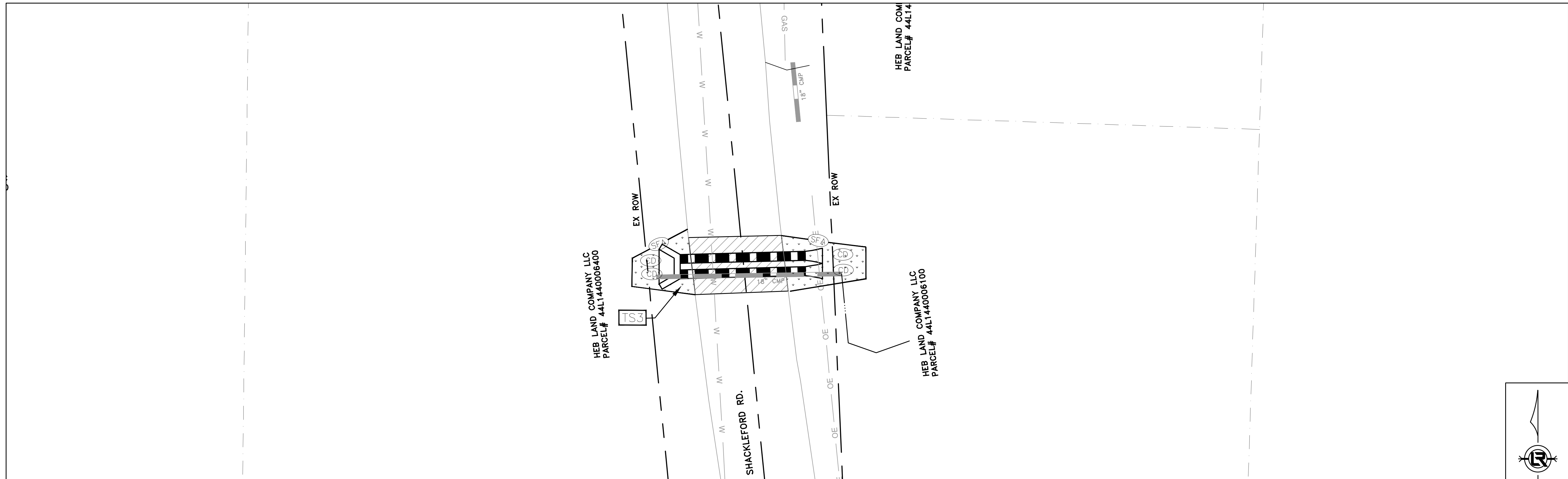
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06-22-DR-158

SHEET NO.

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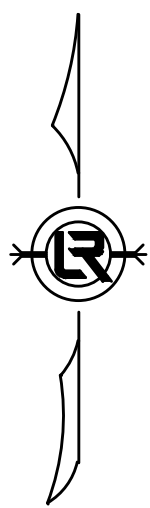
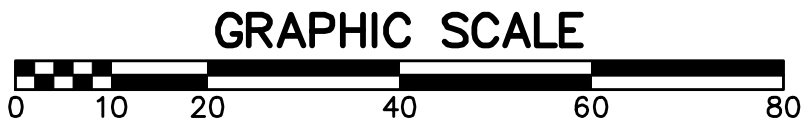
CONSTRUCTION - ENTRANCE/EXIT	(CO)
CHECK DAM	(CD)
DIVERSION BERM	(DI)
DOWNDRAIN STRUCTURE - TEMPORARY	(DN)
ROCK DAM	(RD)
SEDIMENT BARRIER - SILT FENCE	(SD1)
SEDIMENT BARRIER - GRAVEL RING	(SD2)
SEDIMENT BARRIER - BLOCK & GRAVEL	(SD3)
SEDIMENT BARRIER - BLOCK	(SD4)
TEMPORARY SEDIMENT BASIN	(SB1)
SILT FENCE - TYPE A	(SFA)
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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
SHACKLEFORD ROAD DRAINAGE
NORTH OF COLONEL GLENN ROAD

EROSION CONTROL PH III

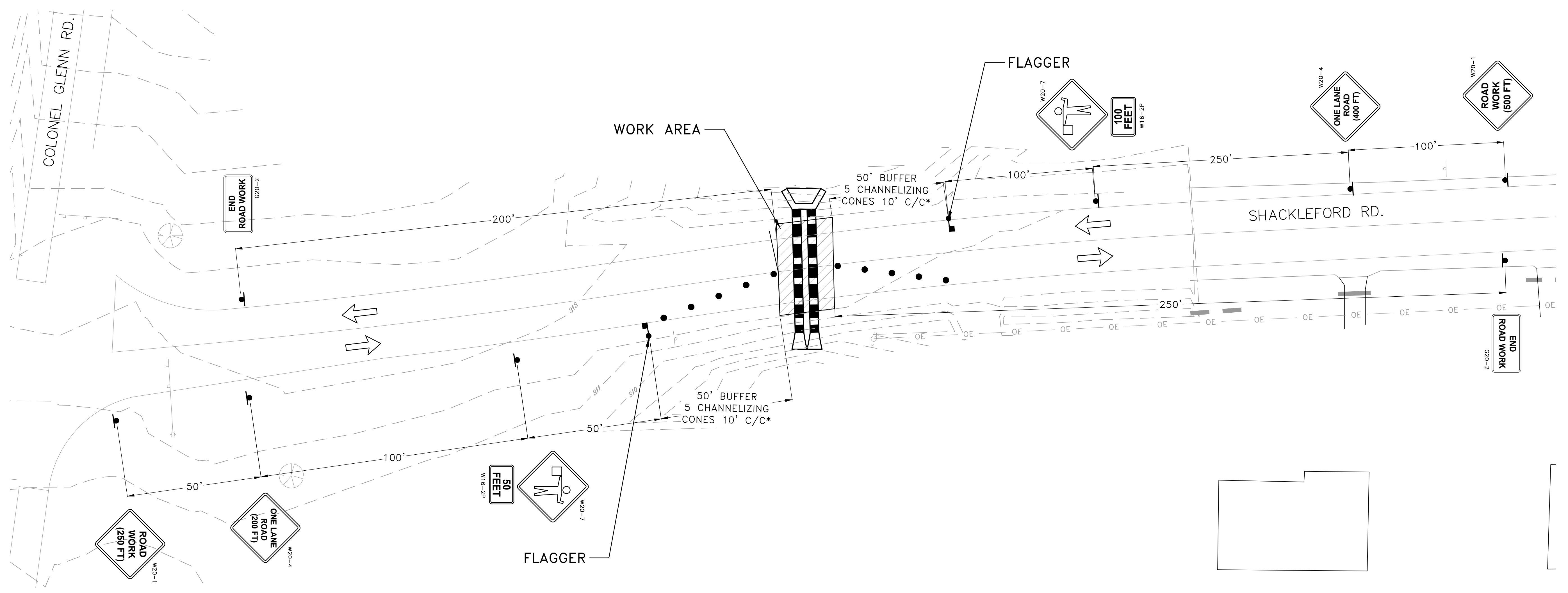
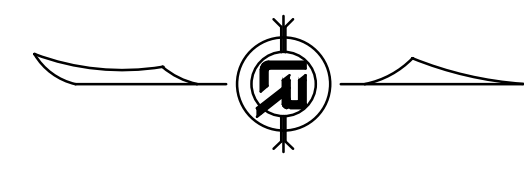
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REVISIONS	DATE

- NOTE:
- LANE CLOSURES MUST BE TEMPORARY. FLAGGERS MUST BE IN PLACE DURING CLOSURES.
 - ONLY ONE LANE MAY BE CLOSED AT A TIME DURING NORMAL WORKING HOURS AND ALL LANES MUST BE REOPENED AT THE END OF EACH DAY USING STEEL PLATES.
- * CONTRACTOR SHALL MODIFY CHANNELIZER CONES AS NEEDED TO MAINTAIN SEPARATION OF WORK AREA FROM TRAVEL WAY.



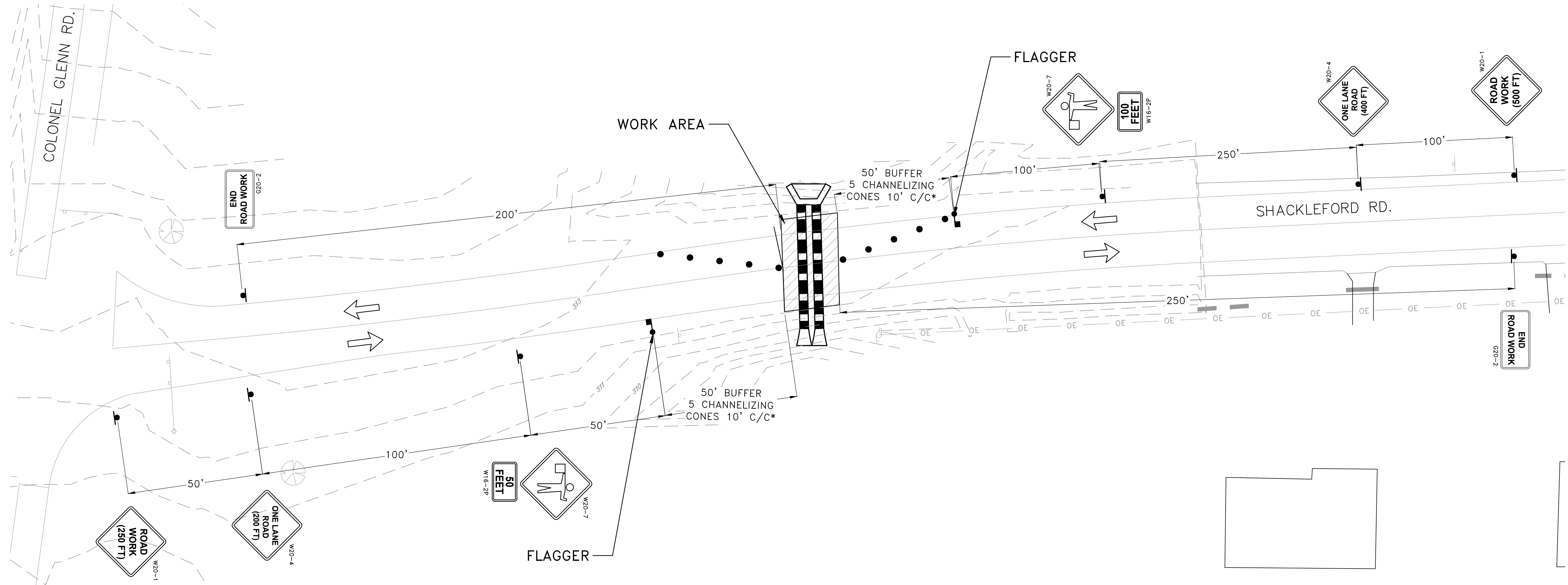
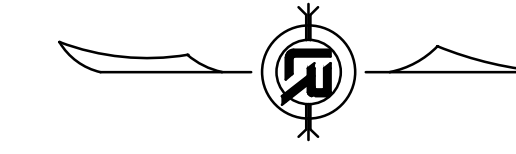
CITY OF LITTLE ROCK, ARKANSAS
 SHACKLEFORD ROAD DRAINAGE
 NORTH OF COLONEL GLENN ROAD
 MAINTENANCE OF TRAFFIC - PH I

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SCALE	NTS
PROJECT NO.	# 06-22-DR-158
SHEET NO.	C8

- NOTE:
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 - ONLY ONE LANE MAY BE CLOSED AT A TIME DURING NORMAL WORKING HOURS AND ALL LANES MUST BE REOPENED AT THE END OF EACH DAY USING STEEL PLATES.
- * CONTRACTOR SHALL MODIFY CHANNELIZER CONES AS NEEDED TO MAINTAIN SEPARATION OF WORK AREA FROM TRAVEL WAY.



CITY OF LITTLE ROCK, ARKANSAS
 SHACKLEFORD ROAD DRAINAGE
 NORTH OF COLONEL GLENN ROAD
 MAINTENANCE OF TRAFFIC - PH II

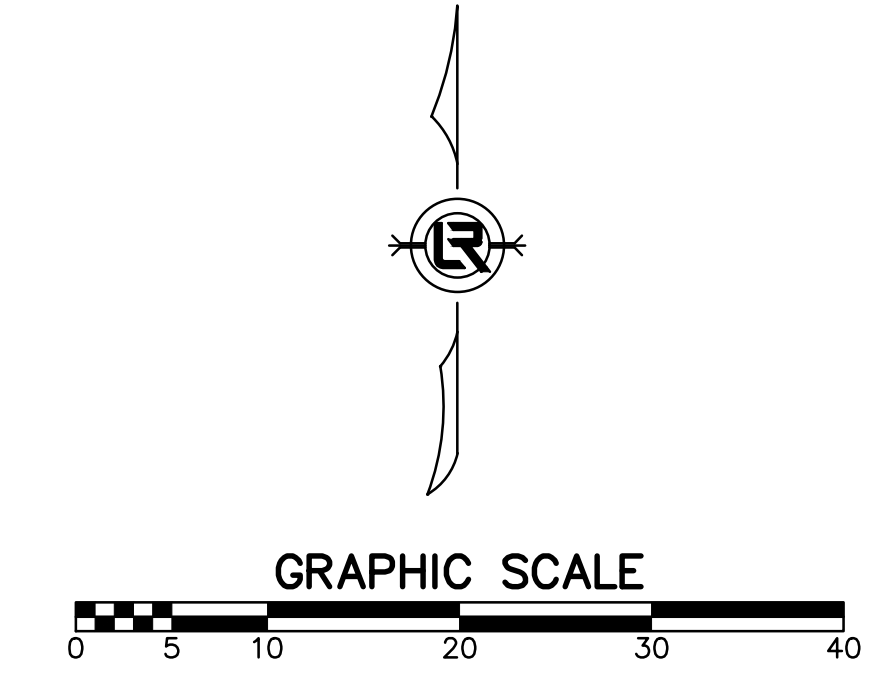
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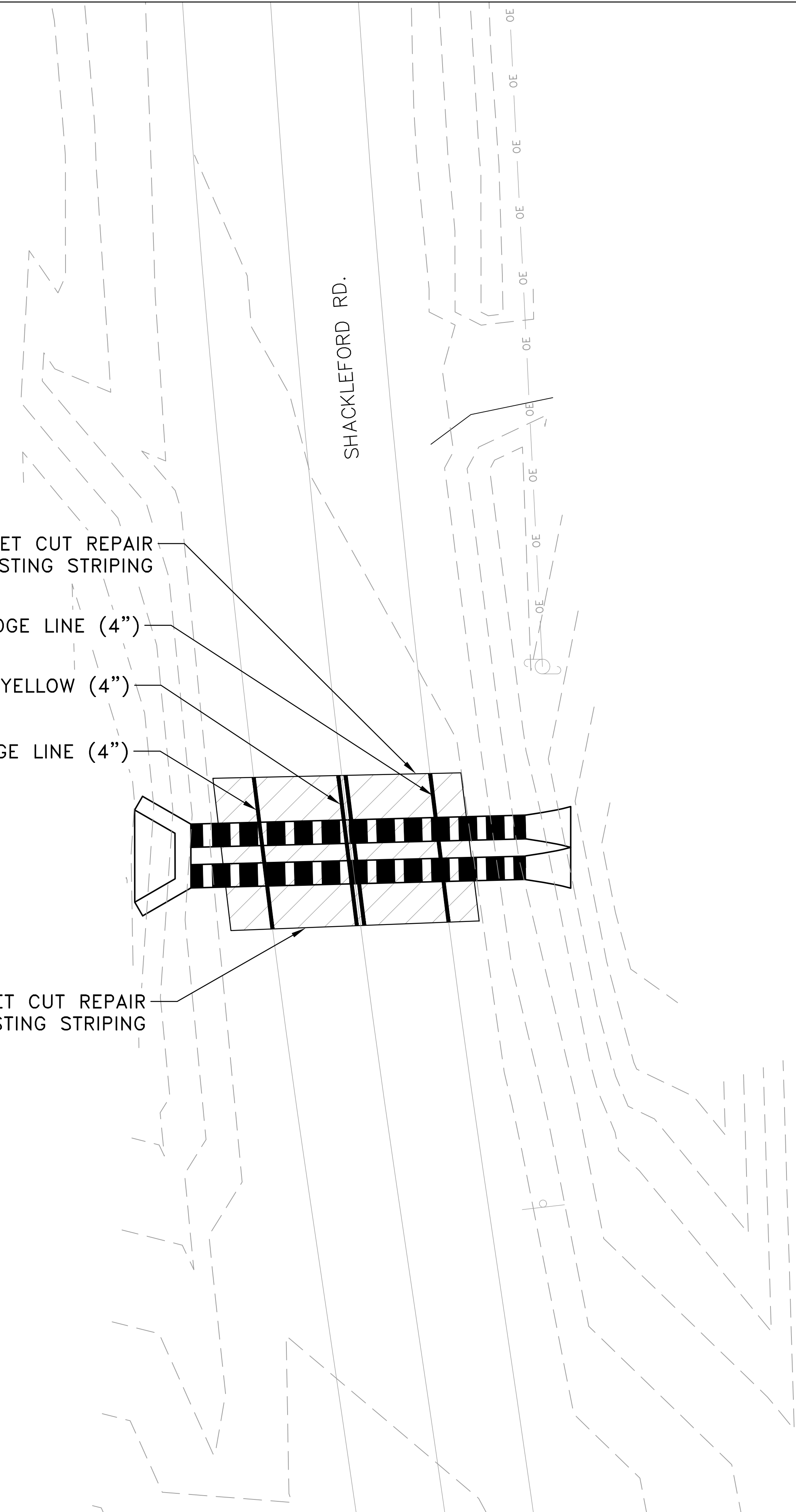
REVISIONS	DATE



SHACKLEFORD RD.

- ASPHALT STREET CUT REPAIR
MATCH EXISTING STRIPING
- 21'LF WHITE EDGE LINE (4")
- 21'LF DOUBLE YELLOW (4")
- 21'LF WHITE EDGE LINE (4")

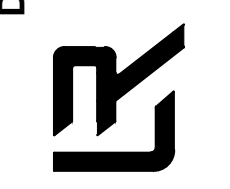
ASPHALT STREET CUT REPAIR
MATCH EXISTING STRIPING



CITY OF LITTLE ROCK, ARKANSAS
SHACKLEFORD ROAD DRAINAGE
NORTH OF COLONEL GLENN ROAD

PAVEMENT MARKING PLAN

DEPARTMENT OF PUBLIC WORKS
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