

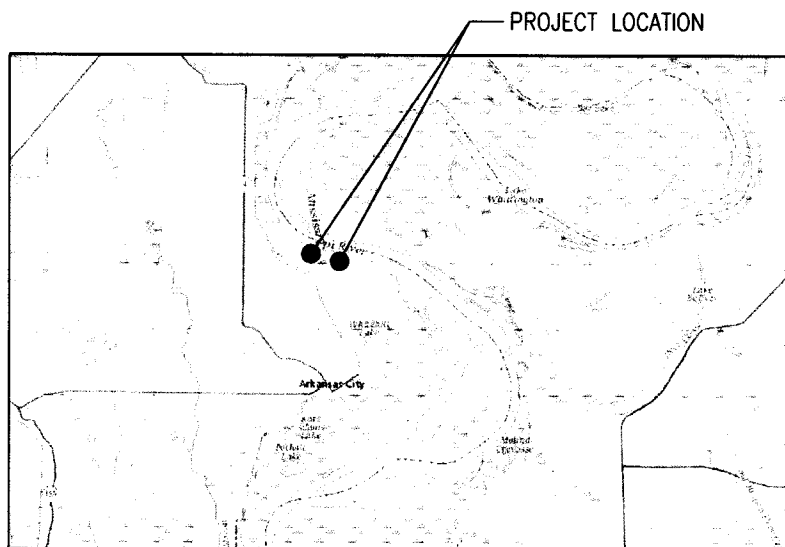
ARKANSAS DEPARTMENT OF TRANSPORTATION  
CONSTRUCTION PLANS

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. NO. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
				JOB NO.		GF0270	1	15
① McCALLIE BOAT RAMPS AND PKG. LOT (MISSISSIPPI RIVER) (S)								

# McCALLIE BOAT RAMPS AND PKG. LOT (MISSISSIPPI RIVER) (S)

DESHA COUNTY

JOB GF0270



VICINITY MAP  
(NOT TO SCALE)

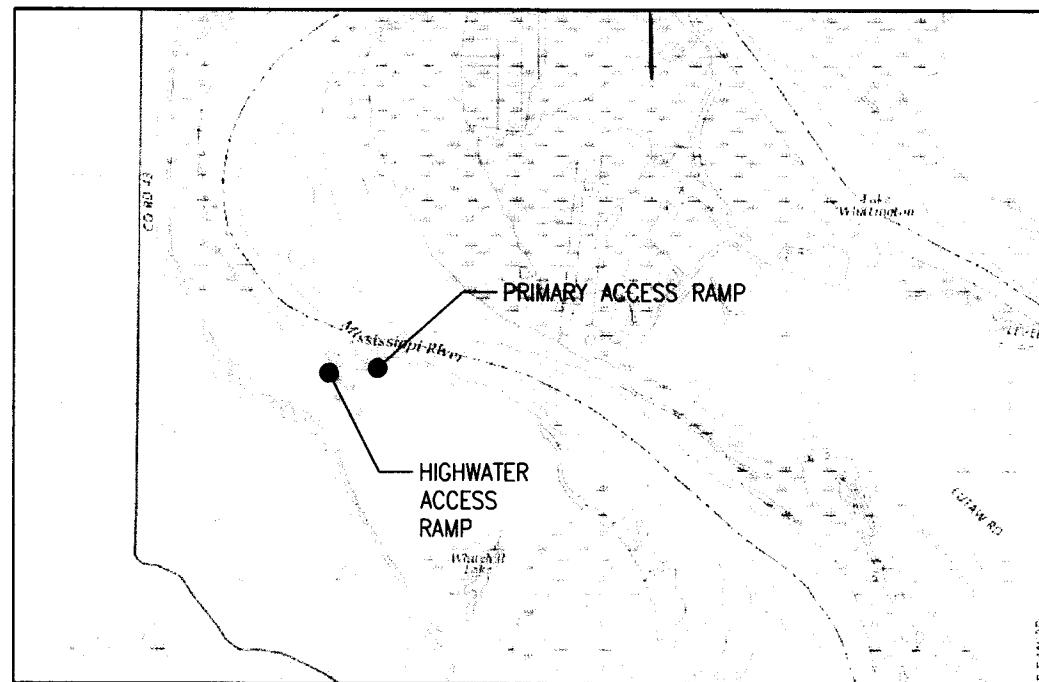
PROJECT COORDINATES

MID-POINT OF PROJECT  
(PRIMARY ACCESS)

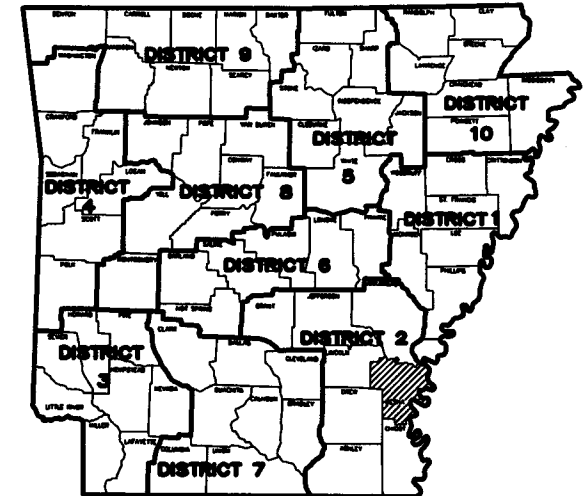
LAT. = N33°39'17"  
LONG. = W91°12'31"

MID-POINT OF PROJECT  
(HIGH WATER ACCESS & SCENIC OVERLOOK)

LAT. = N33°39'18"  
LONG. = W91°12'44"



LOCATION MAP  
(NOT TO SCALE)



ARKANSAS HIGHWAY  
DISTRICT NO. 2



SHEET	NO	NAME	REV NO	DATE	BY	APPRV'D	DESCRIPTION
G-001	1	TITLE SHEET	-	-	-	-	-
G-002	2	INDEX OF SHEETS	-	-	-	-	-
G-003	3	GOVERNING SPECIFICATIONS AND GENERAL NOTES	-	-	-	-	-
G-004	4	SUMMARY OF QUANTITIES AND REVISIONS	-	-	-	-	-
C-001	5	NOTES	-	-	-	-	-
C-010	6	OVERALL SITE PLAN	-	-	-	-	-
PRIMARY ACCESS RAMP							
C-100	7	EXISTING CONDITIONS AND DEMOLITION PLAN (PRIMARY ACCESS RAMP)	-	-	-	-	-
C-110	8	SITE PLAN (PRIMARY ACCESS RAMP)	-	-	-	-	-
C-120	9	GRADING AND EROSION CONTROL PLAN (PRIMARY ACCESS RAMP)	-	-	-	-	-
C-130	10	RAMP PLAN AND PROFILE (PRIMARY ACCESS RAMP)	-	-	-	-	-
HIGH WATER RAMP WITH SCENIC OVERLOOK							
C-101	11	EXISTING CONDITIONS AND SITE PLAN (HIGH WATER RAMP WITH SCENIC OVERLOOK)	-	-	-	-	-
C-121	12	GRADING AND EROSION CONTROL PLAN (HIGH WATER RAMP WITH SCENIC OVERLOOK)	-	-	-	-	-
C-131	13	RAMP PLAN AND PROFILE (HIGH WATER RAMP WITH SCENIC OVERLOOK)	-	-	-	-	-
C-500	14	CONSTRUCTION DETAILS	-	-	-	-	-
C-501	15	RAMP DETAILS	-	-	-	-	-

NO.	DATE	DESCRIPTION

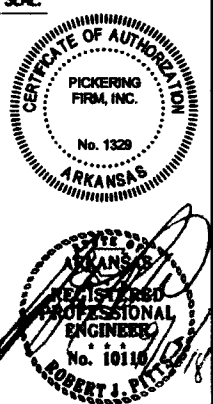
PROJECT #: 25264.00  
DATE: AUGUST 29, 2018  
DRAWN BY: CBB  
DESIGNER: GJC  
CHECKED BY: RJP



**Pickering**  
Pickering Firm, Inc.  
Facility Design • Civil Engineering • Surveying •  
Transportation • Natural / Water Resources  
317 South Church Street  
Joplin, MO 64501  
870.336.6663

**McCALLIE BOAT RAMPS AND  
PKG. LOT  
(MISSISSIPPI RIVER) (S)  
McCALLIE ACCESS  
DESHA, ARKANSAS**

SEAL:



CERTIFICATE OF AUTHORIZATION  
PICKERING FIRM, INC.  
No. 1329  
ARKANSAS

STATE OF ARKANSAS  
REGISTERED PROFESSIONAL ENGINEER  
No. 10118  
ROBERT J. PITTS

SHEET NUMBER:  
**G-002**  
SHEET 2 OF 15  
DESCRIPTION:  
INDEX OF SHEETS

**GENERAL NOTES:**

1. GRADE LINE DENOTES FINISHED GRADE WHERE SHOWN ON PLANS.
2. ANY EQUIPMENT OR APPURTENANCE THAT INTERFERES WITH THE PROPOSED CONSTRUCTION AND WHICH MAY BE THE PROPERTY OF UTILITY SERVICE ORGANIZATIONS SHALL BE MOVED BY THE OWNERS UNLESS OTHERWISE PROVIDED.
3. ALL LAND MONUMENTS LOCATED WITHIN THE CONSTRUCTION AREA SHALL BE PROTECTED IN ACCORDANCE WITH SECTION 107.12 OF THE STANDARDS SPECIFICATIONS.
4. ALL TREES THAT DO NOT DIRECTLY INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE SPARED AS DIRECTED BY THE ENGINEER. CARE AND DISCRETION SHALL BE USED TO INSURE THAT ALL TREES NOT TO BE REMOVED SHALL BE HARMED AS LITTLE AS POSSIBLE DURING THE CONSTRUCTION OPERATIONS.
5. ALL FLEXIBLE BASE AND ASPHALTIC PAVEMENTS REMOVED SHALL BE PAID FOR UNDER THE ITEM NO.210 UNCLASSIFIED EXCAVATION.
6. ANY DAMAGE OF THE ASPHALT PAVEMENT THAT IS TO REMAIN IN PLACE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSES.
7. THIS PROJECT IS COVERED UNDER A SECTION 404 GENERAL PERMIT 25. REFER TO SECTION 110 OF THE STANDARD SPECIFICATIONS, EDITION 2014, FOR PERMIT REQUIREMENTS.

**GOVERNING SPECIFICATIONS**

ARKANSAS STATE HIGHWAY COMMISSION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, EDITION OF 2014, AND THE FOLLOWING:

- |            |       |  |
|------------|-------|--|
| ERRATA     | ----- | ERRATA FOR THE BOOK OF STANDARD SPECIFICATIONS                     |
| 100-3      | ----- | CONTRACTOR'S LICENSE   |
| 100-4      | ----- | DEPARTMENT NAME CHANGE   |
| 102-2      | ----- | ISSUANCE OF PROPOSALS  |
| 108-1      | ----- | LIQUIDATED DAMAGES   |
| 108-2      | ----- | WORK ALLOWED PRIOR TO ISSUANCE OF WORK ORDER                       |
| 110-1      | ----- | PROTECTION OF WATER QUALITY AND WETLANDS                           |
| 303-1      | ----- | AGGREGATE BASE COURSE  |
| 400-1      | ----- | TACK COATS   |
| 400-4      | ----- | DESIGN AND QUALITY CONTROL OF ASPHALT MIXTURES                     |
| 400-5      | ----- | PERCENT AIR VOIDS FOR ACMH MIX DESIGNS                             |
| 400-6      | ----- | LIQUID ANTI-STRIP ADDITIVE   |
| 410-1      | ----- | CONSTRUCTION REQUIREMENTS AND ACCEPTANCE OF ASPHALT CONCRETE PLANT |
| 620-1      | ----- | MULCH COVER  |
| 633-1      | ----- | CONCRETE WALKS, CONCRETE STEPS, AND HAND RAILING                   |
| 634-1      | ----- | CURBING  |
| 800-1      | ----- | STRUCTURES   |
| JOB GF0270 | ----- | BIDDING REQUIREMENTS AND CONDITIONS                                |
| JOB GF0270 | ----- | BOAT RAMP CONCRETE   |
| JOB GF0270 | ----- | BOAT RAMP FILTER BLANKET AND RIPRAP                                |
| JOB GF0270 | ----- | BROADBAND INTERNET SERVICES FOR ASPHALT CONCRETE PLANT             |
| JOB GF0270 | ----- | CONCRETE STOPBLOCK   |
| JOB GF0270 | ----- | CONSTRUCTION IN SPECIAL FLOOD HAZARD AREAS                         |
| JOB GF0270 | ----- | LANDSCAPING  |
| JOB GF0270 | ----- | MANDATORY ELECTRONIC CONTRACT                                      |
| JOB GF0270 | ----- | MANDATORY ELECTRONIC DOCUMENT SUBMITTAL                            |
| JOB GF0270 | ----- | SETTLEMENT AGREEMENTS  |
| JOB GF0270 | ----- | STORM WATER POLLUTION PREVENTION PLAN                              |
| JOB GF0270 | ----- | SUBMISSION OF ASPHALT CONCRETE HOT MIX ACCEPTANCE TEST RESULTS     |
| JOB GF0270 | ----- | TEMPORARY FENCE  |
| JOB GF0270 | ----- | TEMPORARY SILT FENCE (WITH BACKING)                                |
| JOB GF0270 | ----- | WARM MIX ASPHALT   |

**OWNER:**

ARKANSAS GAME AND FISH COMMISSION  
1125 HIGHWAY 56 NORTH  
CALICO ROCK, AR 72519

CONTACT: MICHAEL CANTRELL  
CONSTRUCTION MANAGER, OPERATIONS  
PHONE: 877-297-4331 EXT. 1141  
FAX: 870-297-8994

OPERATOR:  
ARKANSAS GAME AND FISH COMMISSION

DESIGN FIRM ARCHITECTURE AND ENGINEERING:  
PICKERING FIRM, INC.  
317 SOUTH CHURCH STREET  
JONESBORO, AR 72401  
PHONE: 870-336-6663

CIVIL ENGINEER: ROBERT J. PITTS, P.E.

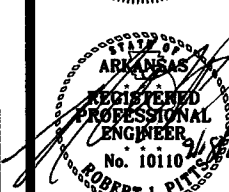
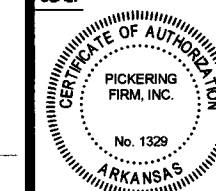
**REVISIONS:**


PROJECT #: 25264.00  
DATE: AUGUST 29, 2018  
DRAWN BY: CBB  
DESIGNER: GJC  
CHECKED BY: RJP



**McCALLIE BOAT RAMPS AND  
PKG. LOT  
(MISSISSIPPI RIVER) (S)  
McCALLIE ACCESS  
DESHA, ARKANSAS**

**SEAL:**



**SHEET NUMBER:**

**G-003**

SHEET 3 OF 15

**DESCRIPTION:**  
GOVERNING SPECIFICATIONS  
AND GENERAL NOTES

SUMMARY OF QUANTITIES					
ARDOT JOB NO GF0270					
HIGH WATER ACCESS RAMP AND SCENIC OVERLOOK					
ITEM NUMBER	ITEM	HIGH WATER ACCESS QUANTITY	PRIMARY ACCESS QUANTITY	TOTAL QUANTITY	UNIT
201	CLEARING	0.50	1.00	1.50	AC
201	GRUBBING	0.50	1.00	1.50	AC
210	UNCLASSIFIED EXCAVATION	3950	4750	8700	CY
210	COMPACTED EMBANKMENT	150	4200	4350	CY
SS & 303	AGGREGATE BASE COURSE (CLASS 3)	125	90	215	CY
SS & 303	AGGREGATE BASE COURSE (CLASS 7)	620	1140	1760	CY
SS & 401	TACK COAT	135	250	385	GAL
SP, SS & 406	MINERAL AGGREGATE IN ACHM BINDER COURSE (1")	430	790	1220	TON
SP, SS & 406	ASPHALT BINDER (PG64-22) IN ACHM BINDER COURSE (1")	20	40	60	TON
SP, SS & 407	MINERAL AGGREGATE IN ACHM SURFACE COURSE (1/2")	285	550	835	TON
SP, SS & 407	ASPHALT BINDER (PG64-22) IN ACHM SURFACE COURSE (1/2")	15	25	40	TON
SP & 501	BOAT RAMP CONCRETE 'CIP'	150	750	900	SY
SP & 501	BOAT RAMP CONCRETE 'CAP'	-	150	150	SY
SP & 502	BOAT RAMP REINFORCING STEEL	4200	16000	20200	LB
601	MOBILIZATION	0.50	0.50	1.00	LS
620	WATER	33.7	17.3	51.0	M. GAL
620	LIME	1	1	2	TON
620	SEEDING	0.33	0.17	0.50	AC
SS & 620	MULCH COVER	0.33	0.17	0.50	AC
SP & 621	TEMPORARY SILT FENCE (WITH BACKING)	1200	1100	2300	LF
621	TEMPORARY SEEDING	0.10	0.10	0.20	AC
621	ROCK DITCH CHECKS	30	30	60	CY
SS & 633	CONCRETE WALKS	52	-	52	SY
SS & 634	CONCRETE CURB (TYPE D)	50	-	50	LF
641	WHEELCHAIR RAMPS (TYPE 3)	4	-	4	SY
718	REFLECTORIZED PAINT PAVEMENT MARKING WHITE (4")	1150	1650	2800	LF
718	REFLECTORIZED PAINT PAVEMENT MARKING BLUE (4")	500	250	750	LF
718	REFLECTORIZED PAINT PAVEMENT MARKING SYMBOLS (WHEELCHAIR)	3	1	4	EA
718	REFLECTORIZED PAINT PAVEMENT MARKING (ARROWS)	13	7	20	EA
726	STANDARD SIGNS	16	4	20	SF
801	UNCLASSIFIED EXCAVATION FOR STRUCTURES-ROADWAY	12	-	12	CY
SS & 802	CONCRETE CLASS 5 - ROADWAY	7.50	-	7.50	CY
804	REINFORCING STEEL (GRADE 60) - ROADWAY	900	-	900	LB
SP & 816	FILTER BLANKET	345	935	1280	SY
SP & 816	DUMPED RIPRAP	675	4050	4725	TON
SP	CONCRETE STOPBLOCK	5	4	9	EA
SP	TEMPORARY FENCE	0	600	600	LF
SP	LANDSCAPING	1.00	-	1.00	LS

**BASIS OF ESTIMATE:**

LIME ..... 2 TONS/ACRE OF SEEDING  
 WATER .. 102 M.G./ACRE OF SEEDING

**NOTE:**  
 THE TEMPORARY EROSION CONTROL DEVICES SHOWN ABOVE AND ON THE PLANS SHALL BE INSTALLED IN SUCH A SEQUENCE AS TO DETER EROSION AND SEDIMENTATION ON U.S. WATER WAYS AS EXPLAINED BY THE NATIONAL POLLUTANT DISCHARGE ELIMINATION.

**NOTE:** EARTHWORK QUANTITIES SHOWN ABOVE SHALL BE PAID AS PLAN QUANTITY.

REVISIONS		
ARDOT JOB NO. GF0270		
DATE	REVISION	SHEET NUMBER

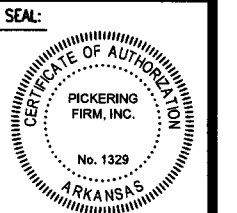
REVISIONS:		

PROJECT #: 25264.00  
 DATE: AUGUST 29, 2018  
 DRAWN BY: CBB  
 DESIGNER: GJC  
 CHECKED BY: RJP



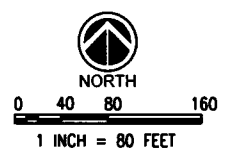
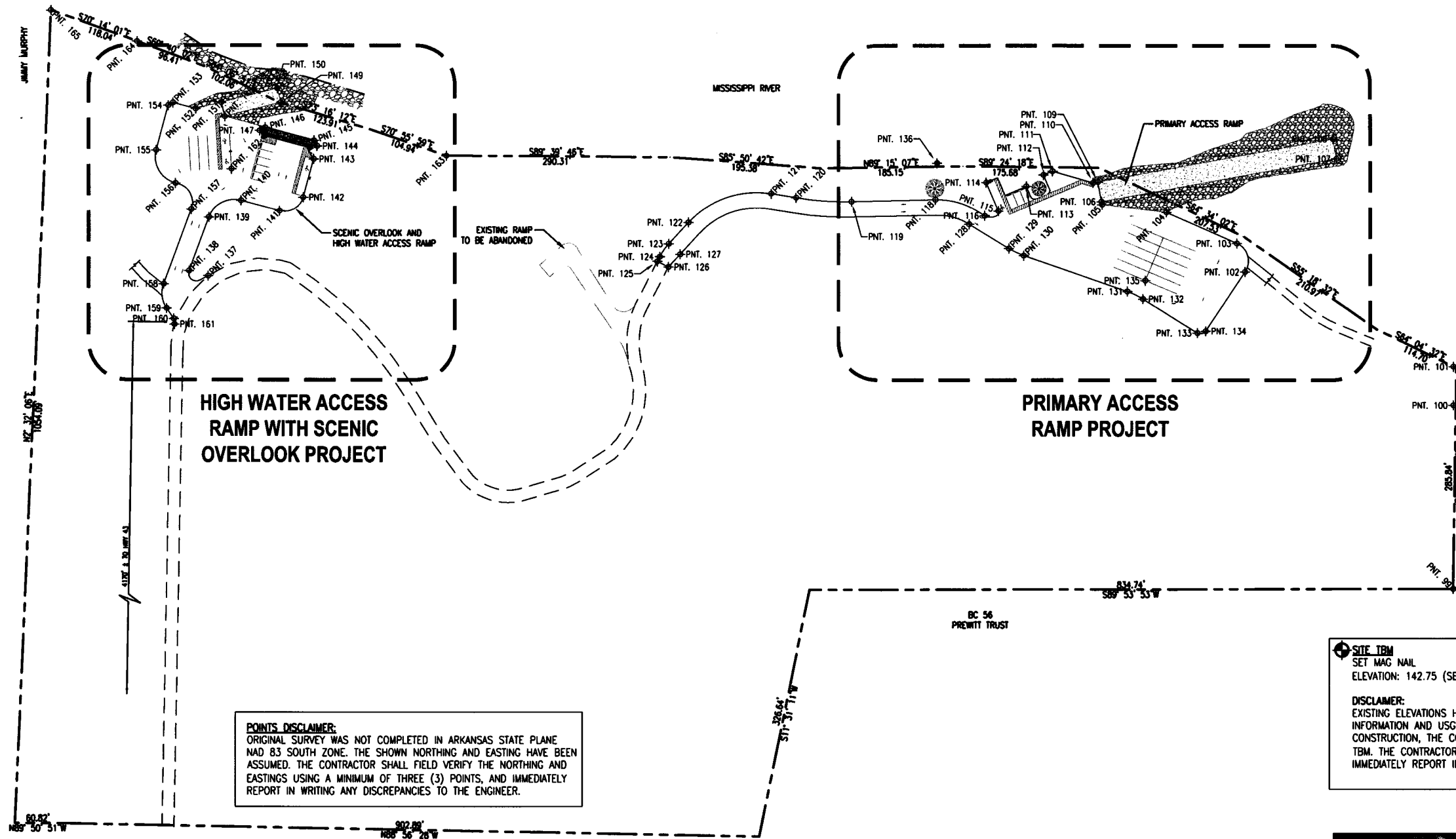
**Pickering**  
 Pickering Firm, Inc.  
 Facility Design - Civil Engineering - Surveying -  
 Transportation - Natural / Water Resources  
 317 South Church Street  
 Jonesboro, AR 72401  
 870.336.6963

**McCALLIE BOAT RAMPS AND  
 PKG. LOT  
 (MISSISSIPPI RIVER) (S)  
 McCALLIE ACCESS  
 DESHA, ARKANSAS**



SHEET NUMBER:  
**G-004**  
 SHEET 4 OF 15  
 DESCRIPTION:  
 SUMMARY OF QUANTITIES  
 AND REVISIONS





**POINTS DISCLAIMER:**  
 ORIGINAL SURVEY WAS NOT COMPLETED IN ARKANSAS STATE PLANE  
 NAD 83 SOUTH ZONE. THE SHOWN NORTHING AND EASTING HAVE BEEN  
 ASSUMED. THE CONTRACTOR SHALL FIELD VERIFY THE NORTHING AND  
 EASTINGS USING A MINIMUM OF THREE (3) POINTS, AND IMMEDIATELY  
 REPORT IN WRITING ANY DISCREPANCIES TO THE ENGINEER.

**SITE TBM**  
 SET MAG NAIL  
 ELEVATION: 142.75 (SEE DISCLAIMER BELOW)

**DISCLAIMER:**  
 EXISTING ELEVATIONS HAVE BEEN PROVIDED BY ENGINEER BASED ON SURVEYED  
 INFORMATION AND USGS QUADRANGLE INFORMATION. BEFORE BEGINNING  
 CONSTRUCTION, THE CONTRACTOR SHALL FIELD VERIFY THE SITE DATUM AND SITE  
 TBM. THE CONTRACTOR SHALL USE A MINIMUM OF THREE (3) POINTS, AND  
 IMMEDIATELY REPORT IN WRITING ANY DISCREPANCIES TO THE ENGINEER.

Point #	Description	Northing	Easting
99	5/8" REBAR	1672317.89	1553611.47
100	5/8" REBAR W/ AL. CAP	1672555.48	1553611.86
101	5/8" REBAR W/ AL. CAP	1672605.48	1553611.93
102	END RADIUS	1672728.24	1553341.28
103	END RADIUS	1672764.99	1553330.70
104	EDGE OF ASPH	1672805.29	1553239.17
105	EDGE OF ASPH	1672815.15	1553155.79
106	RAMP COR.	1672819.09	1553155.07
107	RAMP COR.	1672874.79	1553460.02
108	RAMP COR.	1672900.36	1553455.35
109	RAMP COR.	1672844.66	1553150.40
110	EDGE OF ASPH	1672843.54	1553144.27
111	EDGE OF ASPH	1672858.65	1553092.02
112	EDGE OF ASPH	1672853.69	1553080.41

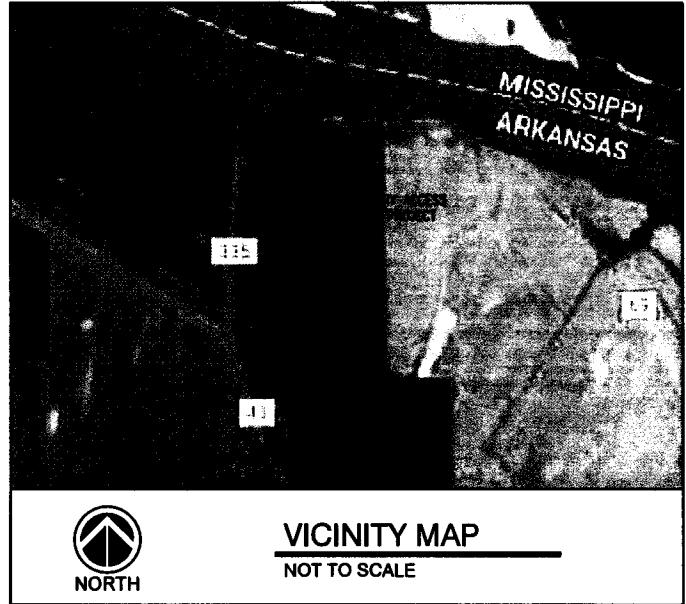
Point #	Description	Northing	Easting
113	EDGE OF ASPH	1672838.94	1553058.12
114	EDGE OF ASPH	1672843.87	1553006.00
115	END RADIUS	1672806.99	1553021.74
116	END RADIUS	1672800.86	1553004.08
118	END RADIUS	1672821.52	1552939.96
119	END RADIUS	1672819.17	1552831.07
120	END RADIUS	1672824.12	1552759.16
121	END RADIUS	1672829.28	1552726.93
122	END RADIUS	1672792.00	1552619.60
123	END RADIUS	1672764.35	1552594.18
124	END RADIUS	1672747.64	1552582.57
125	EXIST ROAD EDGE	1672741.58	1552579.48
126	EXIST ROAD EDGE	1672734.32	1552593.74
127	END RADIUS	1672750.82	1552608.91

Point #	Description	Northing	Easting
128	END RADIUS	1672789.77	1552983.90
129	END RADIUS	1672758.29	1553035.30
130	END RADIUS	1672749.07	1553054.83
131	END RADIUS	1672702.87	1553188.36
132	END RADIUS	1672693.11	1553208.75
133	END RADIUS	1672649.03	1553279.12
134	END RADIUS	1672651.37	1553290.02
135	STRP CNTR LINE	1672717.06	1553211.73
136	TBM	1672868.91	1552942.12
137	EXIST ROAD EDGE	1672722.48	1551997.55
138	END RADIUS	1672729.11	1551972.95
139	END RADIUS	1672798.47	1551998.61
140	END RADIUS	1672820.13	1552040.50
141	END RADIUS	1672806.75	1552090.46

Point #	Description	Northing	Easting
142	END RADIUS	1672824.42	1552121.08
143	EDGE OF ASPH	1672873.87	1552134.33
144	WALL CNTR LINE	1672890.83	1552138.78
145	WALL CNTR LINE	1672897.88	1552134.71
146	WALL CNTR LINE	1672914.77	1552071.66
147	WALL CNTR LINE	1672910.70	1552064.61
148	RAMP COR.	1672928.91	1552019.40
149	RAMP COR.	1672947.09	1552092.16
150	RAMP COR.	1672965.52	1552087.56
151	RAMP COR.	1672947.34	1552014.78
152	EDGE OF ASPH	1672939.04	1551981.55
153	EDGE OF ASPH	1672946.95	1551952.03
154	EDGE OF ASPH	1672943.42	1551945.91
155	END RADIUS	1672885.46	1551930.38

Point #	Description	Northing	Easting
156	END RADIUS	1672842.60	1551955.13
157	END RADIUS	1672808.79	1551975.77
158	END RADIUS	1672712.20	1551940.04
159	END RADIUS	1672680.62	1551943.75
160	END RADIUS	1672666.90	1551952.91
161	EXIST ROAD EDGE	1672659.67	1551953.90
162	STRP END	1672861.18	1552028.01
163	AL. MONUMENT	1672878.23	1552305.73

1A OVERALL SITE PLAN  
 1" = 80'

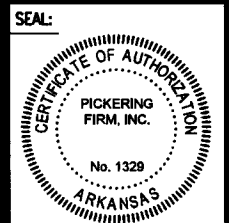


REVISIONS:


PROJECT #: 25264.00  
 DATE: AUGUST 29, 2018  
 DRAWN BY: CBB  
 DESIGNER: GJC  
 CHECKED BY: RJP

**Pickering**  
 Pickering Firm, Inc.  
 Facility Design • Civil Engineering • Surveying •  
 Transportation • Natural / Water Resources  
 317 South Church Street  
 Jonesboro, AR 72401  
 870.386.8865

**McCallie Boat Ramps and  
 PKG. LOT  
 (MISSISSIPPI RIVER) (S)  
 McCallie Access  
 Desha, Arkansas**



SHEET NUMBER:  
**C-010**  
 SHEET 6 OF 15  
 DESCRIPTION:  
 OVERALL SITE PLAN