ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT
CONSTRUCTION PLANS

ALMA VIRTUAL WEIGH STATION
INSTALLATION(S)

CRAWFORD COUNTY
ROUTE 64 SECTION 2

JOB NO. 040694

LOCATION MAP
(NOT TO SCALE)

LENTH COMPUTE ALONG C. T. HWY. 64 LANES

GROSS LENGTH PROJECT 17500 LF.  6.25 MILE
NET LENGTH OF RAMPWAY 9750 LF.  3.3 MILE
NET LENGTH OF BRIDGE 000 LF.  0.00 MILE
NET LENGTH OF PROJECT 27500 LF.  9.4 MILE

STA. 602+98.50
END JOB 040694
LOG MILE 7.40

STA. 600+00.00
BEGIN JOB 040694
LOG MILE 7.34

PROJECT LOCATION

VICINITY MAP

ARKANSAS HIGHWAY DISTRICT 4
<table>
<thead>
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<th>SHEET NO.</th>
<th>SHEET TITLE</th>
<th>DRAWING NO.</th>
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<td>3</td>
<td>GOVERNING SPECIFICATIONS AND GENERAL NOTES</td>
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<td>4</td>
<td>GENERAL NOTES – SITE AND UTILITIES</td>
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<td>TEMPORARY EROSION CONTROL DETAILS</td>
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<td>MAINTENANCE OF TRAFFIC DETAILS</td>
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<td>8</td>
<td>DEMOLITION PLAN</td>
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<td>PERMANENT PAVEMENT MARKING DETAILS</td>
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<td>10-1</td>
<td>QUANTITIES</td>
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<td>12</td>
<td>SUMMARY OF QUANTITIES AND REVISIONS</td>
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<td>SURVEY CONTROL DETAILS</td>
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<td>SHE-6</td>
<td>09-10-13</td>
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<td>DETAILS OF SPECIAL ITEMS</td>
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GOVERNING SPECIFICATIONS

ARKANSAS STATE HIGHWAY COMMISSION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.
EIGHTH EDITION OF 2014, AND THE FOLLOWING SPECIAL PROVISIONS AND SUPPLEMENTAL SPECIFICATIONS.

TITLE

ERRATA ERRATA FOR THE EIGHTH EDITION OF SPECIFICATIONS

JOB 0406/04 ROLLING REQUIREMENTS AND CONDITIONS

JOB 0406/04 BIDDER'S REQUIREMENTS FOR ASPHALT CONCRETE PLANT

JOB 0406/04 BIDDER'S INTERNET SERVICE FOR FIELD OFFICE

JOB 0406/04 DOCUMENTATION OF PAYMENTS MADE TO DISADVANTAGED BUSINESS ENTERPRISES

JOB 0406/04 HIGH PERFORMANCE PAVEMENT MARKING

JOB 0406/04 MANDATORY ELECTRONIC CONTRACT

JOB 0406/04 REMOVAL AND RELOCATION OF SIGN

JOB 0406/04 SUBMISSION OF ASPHALT CONCRETE MIX ACCEPTANCE TEST RESULTS

JOB 0406/04 VEHICLE SCALE SYSTEM

JOB 0406/04 ROAD MIX ASPHALT

100-11 CONTAINER'S LICENSE

401-1 LIQUIDATED DAMAGES

410-1 TACK COAT

410-1 CONSTRUCTION REQUIREMENTS AND ACCEPTANCE OF ASPHALT CONCRETE PLANT MIX COURSES

424-1 RETROREFLECTIVE SHEETING FOR TRAFFIC CONTROL DEVICES IN CONSTRUCTION ZONES

429-1 MULCH COVER

GENERAL NOTES:

1. ALL REFERENCES TO ELEVATION REFER TO FINISHED GRADE UNLESS OTHERWISE NOTED. PROFILE ELEVATIONS OF ROADWAY ARE TO FINAL GRADE AT CENTERLINE.

2. ALL PIPE LINES, POWER, TELEPHONE, AND TELEGRAPH LINES TO BE MOVED OR LOWERED BY THE RESPECTIVE OWNERS AS PER AGREEMENT WITH SUCH OWNERS.

3. 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.

4. ALL LAND MONUMENTS LOCATED WITHIN THE CONSTRUCTION AREA SHALL BE PROTECTED IN ACCORDANCE WITH SECTION 10.02 OF THE STANDARD SPECIFICATIONS.

5. TREES AND SHRUBBERRY THOSE DO NOT INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL NOT BE DISTURBED. CARE SHALL BE USED TO PROTECT ALL TREES AND SHRUBS AREAS MORE THAN TEN FEET BEYOND THE PROJECT LIMITS (TOP OR TIP OF SLOPES) ARE DESIGNATED AS PRESERVED VEGETATION.

6. CONSTRUCTION METHODS AND MATERIALS SHALL BE IN ACCORDANCE WITH THE ARKANSAS HIGHWAY & TRANSPORATION DEPARTMENT'S STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, 2014 EDITION, AND THE SPECIAL PROVISIONS.

7. THE EXISTING ASPHALT PAVEMENT TO BE REMOVED FROM THE REMAINING PAVEMENT SHALL BE SEPARATED BY SAVING ALONG A NEAT LINE. AFTER SAVING, THE PAVEMENT TO BE REMOVED SHALL BE CAREFULLY REMOVED IN A MANNER THAT WILL NOT DAMAGE THE PAVEMENT. ANY DAMAGE OF THE ASPHALT PAVEMENT THAT IS TO REMAIN IN PLACE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

8. ALL FLEXIBLE BASE AND ASPHALTIC PAVEMENTS REMOVED SHALL BE PAID FOR UNDER THE ITEM NO. 220-UNCLASSIFIED EXCAVATION.
GENERAL SITE NOTES:
2. THE CONTRACTOR IS RESPONSIBLE FOR THE APPROPRIATE BARRIERS AND SAFETY PRECAUTIONS IN ALL EXCAVATED AREAS. EXCAVATED AREAS SHALL BE ADEQUATELY FENCED OR COVERED BY THE CONTRACTOR BEFORE LEAVING THE JOB SITE EACH DAY.
3. CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO EXISTING STRUCTURES, PAVEMENTS, AND UTILITIES.
4. CONTRACTOR SHALL PROVIDE TEMPORARY ACCESS TO THE SITE DURING CONSTRUCTION.
5. THE CONTRACTOR SHALL MAINTAIN THE SITE IN AN ORDENLY AND CLEAN FASHION.
6. ALL WASTE MATERIALS GENERATED FROM CONSTRUCTION BECOME THE PROPERTY OF THE CONTRACTOR. THE CONTRACTOR SHALL REMOVE THE WASTE MATERIALS FROM THE SITE AND DISPOSE OF THEM IN A LEGAL MANNER.
7. ALL REINFORCING STEEL SHALL BE GRADE A-60.

GENERAL UTILITY NOTES:
2. THE CONTRACTOR IS RESPONSIBLE FOR THE APPROPRIATE BARRIERS AND SAFETY PRECAUTIONS IN ALL EXCAVATED AREAS. EXCAVATED AREAS SHALL BE ADEQUATELY FENCED OR COVERED BY THE CONTRACTOR BEFORE LEAVING THE JOB SITE EACH DAY.
3. CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO EXISTING STRUCTURES, PAVEMENTS, AND UTILITIES.
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6. ALL WASTE MATERIALS GENERATED FROM CONSTRUCTION BECOME THE PROPERTY OF THE CONTRACTOR. THE CONTRACTOR SHALL REMOVE THE WASTE MATERIALS FROM THE SITE AND DISPOSE OF THEM IN A LEGAL MANNER.
7. ALL REINFORCING STEEL SHALL BE GRADE A-60.
STORM WATER POLLUTION PREVENTION NOTES:

1. The total area of the site is approximately 2.0 acres. The area disturbed by improvements is approximately 1.00 acres. Clearing and grubbing will be 0.1 acres for the total project.

2. Grading shall be performed in one continuous operation of 4800 ft. daily.

3. Where cut and fill activity is greater than 6' vertical height, slopes are as shown on the plans.

4. Erosion and sediment control measures shall be installed by the contractor upon disturbance of the land. These measures will satisfy the requirements of the Arkansas Department of Environmental Quality and shall include as a minimum:
   - A. On disturbed slopes left open & unmaintained for a period of more than two (2) weeks, mulch cover with hay cracked, anchored, or tied at the rate of 10 tons per acre.
   - B. Protect toes of slope with silt fence where indicated. Silt fence shall be a minimum of 2' high and constructed of filtered fabric supported by posts at not more than 4' on center, internal reinforcing filter fabric or external wire fencing reinforcement shall be provided. Trench along bottom of edge of silt fence and bury a minimum of 4' of filter fabric.
   - C. Sand bag ditch checks will be used if and where directed by the engineer around swales and in ditches.
   - D. In the event that wind erosion becomes evident, the contractor shall sprinkle the construction site with water to control dust.
   - E. Contractor shall keep vehicle tracking of sediment to a minimum and shall clean haul routes if tracking becomes excessive as determined by the local government or contractor.

5. Permanent vegetation cover to be installed by the contractor. Cover will be:
   - A. On all disturbed areas not to be paved, use appropriate cover.
   - B. Temporary erosion control measures for sedimentation and erosion control will be maintained until permanent cover is established.
   - C. Contractor shall obtain all grading permits from the appropriate authorities having jurisdiction.

TEMPORARY EROSION CONTROL ITEMS:

- Silt fence = 670 LF.
- Sand bag ditch checks = 66 bags
- Quantities estimated. Placement to be as directed by the engineer.

NOTE: Additional erosion control items are shown on plan sheet 11.

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EROSION LEGEND

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FLOW ARROWS

LIMITS OF CONSTRUCTION

* E-5 Sand bag ditch checks

E-11 Silt fence

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REVIZIONS

<table>
<thead>
<tr>
<th>DATE</th>
<th>REVISION</th>
<th>SHEET NUMBER</th>
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<tbody>
<tr>
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</tbody>
</table>
NOTE:
1. SURVEY INFORMATION PROVIDED BY AHTD ON JULY 7, 2014.
2. THE LOCATION AND DEPTH OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE HE MAY INFlict TO THE EXISTING UNDERGROUND UTILITIES WITHIN THE PROJECT AREA AS A RESULT OF HIS EXCAVATION, TRENCHING, ETC. (EXCEPT FOR REGISTRED UNDERGROUND UTILITIES). THE CONTRACTOR SHALL CALL 811 FOR A LIST OF ALL REGISTERED UNDERGROUND UTILITIES.

DEMOLITION PLAN
INSTALL 96 L.F. THERMOPLASTIC PAVEMENT MARKING YELLOW (4")

INSTALL 199 L.F. THERMOPLASTIC PAVEMENT MARKING YELLOW (4")

INSTALL 96 L.F. THERMOPLASTIC PAVEMENT MARKING WHITE (4")

INSTALL 199 L.F. THERMOPLASTIC PAVEMENT MARKING WHITE (4")

INSTALL 52 L.F. THERMOPLASTIC PAVEMENT MARKING WHITE (4")
DASH LINE 3F' LINE WITH 30" SPACE

*NOTE:
ALL HIGH PERFORMANCE PAVEMENT MARKINGS WILL BE PAID AS THE ALTERNATE BID BY CONTRACTOR.
### Traffic Items

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<td>LF</td>
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<tr>
<td>SIGNS</td>
<td>545</td>
<td>SQ. FT</td>
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<td>LF</td>
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### Permanent Pavement Markings

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<td></td>
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<td>0' FT</td>
<td>EB US 64 WMM - CENTER LANE 10/30 SKIP</td>
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<td>600+030.00</td>
<td>600+050.00</td>
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<td>600+050.00</td>
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**TOTALS:** 375 290

### Quadrail

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### Clearing & Grubbing

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**TOTALS:** 0.01 0.01

### Earthwork

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**TOTALS:** 240 60

### Basis of Estimate

- Cement Stabilized Crushed Stone Base Course (STONE) 945 MIN. AGGREGATE 65 CEMENT
- AC/CH Surface Course (CB) 945 MIN. AGGREGATE 331 ASPHALT Binder 64-22

**Note:** The quantities shown above, except undercut areas, are to be read as planned quantities. Undercut quantities are estimated and are used if and where directed by the engineer. Paid as unclassified excavation.

**Quantity estimated quantity based on 6' depth. Refer to plan sheet 5.
<table>
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<tr>
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**TOTALS:**

- **SEEDING:** 0.20
- **LIME:** 1.00
- **MULCH COVER:** 0.50
- **WATER:** 51.3
- **SODDING:** 2,420.0
- **BAG:** 66
- **SILT FENCE:** 570
- **SEDIMENT:** 55

**BASE OF ESTIMATE:**

- Lime: $2.00/acre of seeding
- Water: 200 gal/acre of seeding
- Sod: $25/50 yd of sod
- Bag: $15/bag

**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. waterways as explained by the National Pollutant Discharge Elimination System Permit. See Section 103 of the specifications.

- The quantities and locations of the erosion control devices shown above and on the plans are estimated and may be altered if and where directed by the Engineer to maximize their effectiveness. The devices are to be installed in an area only when the soil disturbing activity in that area begins. See Section 103, Basis of the standard specifications.
### SUMMARY OF QUANTITIES

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<td>UNCLASSIFIED EXCAVATION</td>
<td>186</td>
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<td>SIGNS</td>
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<td>SQ. FT</td>
</tr>
<tr>
<td>55 &amp; 604</td>
<td>TRAFFIC DRUMS</td>
<td>18</td>
<td>EACH</td>
</tr>
<tr>
<td>604</td>
<td>INSTALLING AND INSTALLING PRECAST CONCRETE BARRIER</td>
<td>620</td>
<td>L,F</td>
</tr>
<tr>
<td>604</td>
<td>RELOCATING PRECAST CONCRETE BARRIER</td>
<td>620</td>
<td>L,F</td>
</tr>
<tr>
<td>604</td>
<td>CONSTRUCTION PAVEMENT MARKINGS</td>
<td>920</td>
<td>L,F</td>
</tr>
<tr>
<td>604</td>
<td>REMOVAL OF CONSTRUCTION PAVEMENT MARKINGS</td>
<td>920</td>
<td>L,F</td>
</tr>
<tr>
<td>617</td>
<td>GUARDRAIL (TYPE A)</td>
<td>605</td>
<td>L,F</td>
</tr>
<tr>
<td>617</td>
<td>GUARDRAIL, TERMINAL (TYPE 1)</td>
<td>3</td>
<td>EACH</td>
</tr>
<tr>
<td>617</td>
<td>GUARDRAIL, TERMINAL (TYPE 2)</td>
<td>3</td>
<td>EACH</td>
</tr>
<tr>
<td>620</td>
<td>CAN</td>
<td>1</td>
<td>TON</td>
</tr>
<tr>
<td>620</td>
<td>SEEDING</td>
<td>0.50</td>
<td>ACRE</td>
</tr>
<tr>
<td>620</td>
<td>MULCH COVER</td>
<td>0.50</td>
<td>ACRE</td>
</tr>
<tr>
<td>620</td>
<td>MULCH</td>
<td>5.0</td>
<td>M. GAL</td>
</tr>
<tr>
<td>621</td>
<td>SADDLE BAG CHECKS</td>
<td>66</td>
<td>BAGS</td>
</tr>
<tr>
<td>621</td>
<td>DEMOLITION, REMOVAL AND DISPOSAL</td>
<td>55</td>
<td>CU. YD</td>
</tr>
<tr>
<td>621</td>
<td>SADDLE BAGS</td>
<td>550</td>
<td>CU. YD</td>
</tr>
<tr>
<td>624</td>
<td>SOIL SODDING</td>
<td>2,420</td>
<td>SQ. YD</td>
</tr>
<tr>
<td>624</td>
<td>SOIL FENCE</td>
<td>240</td>
<td>CU. YD</td>
</tr>
<tr>
<td>635</td>
<td>ROADWAY CONSTRUCTION CONTROL</td>
<td>1.00</td>
<td>L,S</td>
</tr>
<tr>
<td>638</td>
<td>TYPICAL PUBLISHED PLAN</td>
<td>2,420</td>
<td>SQ. YD</td>
</tr>
<tr>
<td>718</td>
<td>HIGH PERFORMANCE MARKING TAPE WHITE (A) (ALT. NO. 1)</td>
<td>375</td>
<td>L,F</td>
</tr>
<tr>
<td>718</td>
<td>HIGH PERFORMANCE MARKING TAPE WHITE (A) (ALT. NO. 2)</td>
<td>375</td>
<td>L,F</td>
</tr>
<tr>
<td>718</td>
<td>HIGH PERFORMANCE MARKING TAPE YELLOW (A) (ALT. NO. 1)</td>
<td>295</td>
<td>L,F</td>
</tr>
<tr>
<td>718</td>
<td>HIGH PERFORMANCE MARKING TAPE YELLOW (A) (ALT. NO. 2)</td>
<td>295</td>
<td>L,F</td>
</tr>
<tr>
<td>731</td>
<td>TEMPORARY IMPACT ATTENUATION BARRIER</td>
<td>1</td>
<td>EACH</td>
</tr>
<tr>
<td>731</td>
<td>TEMPORARY IMPACT ATTENUATION BARRIER (REPAIR)</td>
<td>1</td>
<td>EACH</td>
</tr>
<tr>
<td>805</td>
<td>VIRTUAL WEIGH IN MOTION SYSTEM</td>
<td>1.00</td>
<td>L,S</td>
</tr>
</tbody>
</table>

*Denotes Alternate Bid Item.*

### REVISIONS

- **DATE:**
- **REVISION:**
- **SHEET NUMBER:**
SURVEY CONTROL COORDINATES

Project: Arkansas State Plane - North Zone Based on GPS Control,
179000 - 179050, 179000 Projected to Ground.
Units: U.S. SURVEY FOOT.

Point | Northing | Easting | Elev. | Feature | Description
------|----------|--------|-------|---------|-----------------|
988   | 424360.7905 | 446327.2476 | 646.74 | SS CUT IN HEADWALL S. HWY 64 E. BOUND | 646.74
939   | 424360.7905 | 446327.2476 | 646.74 | SS CUT IN SW CUR BR VR FOG | 646.74
940   | 424360.7905 | 446327.2476 | 646.74 | SS CUT IN CONC ISLAND INTUNITY | 646.74
914   | 424360.7905 | 446327.2476 | 646.74 | CPS IN 3RD RR BR PIER NSIDE ON BASE | 646.74

Note: Rbar and Cap - Standard "SRP" Rbar with 2" Aluminum Cap stamped
Standard markings common to all copies, or as indicated
Individual point descriptions are at the discretion of the individual project.
ALL DISTANCES ARE GROUND.
USE GRID VALUES FOR THIS PROJECT.
PROJECT CAPS OF S1199366250 HAS BEEN USED TO COMPUTE THE ABOVE LISTED GROUND COORDINATES.

GRID DISTANCE = GRID DISTANCE X GRID COORDINATES ARE PROJECTED FROM FK84 AIR STATE PLANE GRID COORDINATES BY SCALING ALL X,Y COORDINATE VALUES WITH THE INVERSE 1/100 OF THE COMBINED ADJUSTMENT FACTOR (CAF) ABOUT X=0, Y=0.

GRID COORDINATES ARE STORED UNDER FILE NAME:40454data.xls
HORIZONTAL DATUM WAS 1927 NAD.
VERTICAL DATUM NAVD 88 ELEVATIONS FOR POINTS 1-9, 100-192, AND 900 & 999 WERE ESTABLISHED BY 3-VIBE LEVEL TECHNOLOGY
FROM NAV D99 MARKER.

POSITIVE ACCURACY:
HORIZONTAL-300'-30' X 30 MM, PRIMARY CONTROL POINTS 1-100 30 MM 20 PPM
VERTICAL-POSITIVE ACCURACY IS THIRD ORDER, UNLESS SPECIFIED OTHERWISE AT A SPECIFIC POINT

BASE OF RECHARGE:
ARKANSAS STATE PLANE GRID BEARINGS - 0361 NORTH ZONE
DETERMINES FROM GPS CONTROL POINTS
CONVERGENCE ANGLE IS 20.6444 LEFT AT PM 3
GRID AZIMUTH = ASTRONOMICAL AZIMUTH - CONVERGENCE ANGLE.
LT: 35°27'33" LS: 394°17'45"
GRID NORTHING: 4178285.459 GRID EASTING: 628951.909
GROUND NORTHING: 4178663.4861 GROUND EASTING: 628743.7547

SURVEY INFORMATION PROVIDED BY AHTD ON JULY 2014.

SURVEY CONTROL DETAILS
DETAILS OF WIDENING FOR GUARD RAIL

SECTION A-A

SECTION B-B

_Details showing position of guard rail on highway_
CONCRETE PAVEMENT

ASPHALT PAVEMENT

2" FOR ASPHALT OR CONCRETE PAVEMENT
6" FOR BITUMINOUS SURFACE TREATMENT

EDGE OF PAVEMENT

4" CONTINUOUS WHITE

4" CONTINUOUS YELLOW

PAVEMENT EDGE LINE MARKING

NOTE:
THE RED LENS OF THE REFLECTOR SHALL FACE THE MIDDLE TRAFFIC MOVEMENT.

DETAIL OF STANDARD RAISED PAVEMENT MARKERS

4.5"

2" SKIP YELLOW

SECTION 2-10

CENTRE LINE

4" CONTINUOUS YELLOW

CENTRE LINE

RAISED PAVEMENT MARKER (TYPE 1)

2" SKIP YELLOW

TYPICAL REFLECTOR

NOTE:
THE RED LENS OF THE REFLECTOR SHALL FACE THE MIDDLE TRAFFIC MOVEMENT.

CENTRE JOIN

GENERAL NOTES:

1. ALL LINES SHALL HAVE A WIDTH OF 4 INCHES.
2. THE THICKNESS AND RATE OF PAINT APPLICATION SHALL BE AS SPECIFIED IN SECTION 2-10 OF THE
   STANDARD SPECIFICATIONS.
3. THIS DRAWING SHALL BE USED IN CONJUNCTION WITH THE LATEST REVISION ADJUSTMENT OF THE "MANUAL ON
   UNIFORM TRAFFIC CONTROL DEVICES;"
4. RAISED PAVEMENT MARKERS SHALL BE CENTERED BETWEEN SKIP LINES ON 40-FOOT SPACING UNLESS OTHERWISE SHOWN ON THE PLANS.

SOLID LINE STRIPING ON CONCRETE PAVEMENT

SOLID LINE STRIPING ON ASPHALT PAVEMENT

ASPHALT PAVEMENT

CONCRETE PAVEMENT

STRIPING AT ADJACENT NO PASSING LANES

CROSSWALK AND STOPBAR DETAILS

CROSSWALK AND STOPBAR DETAILS

CROSSWALK AND STOPBAR DETAILS
The contractor shall drill and pop-rivet legend, shields, arrows, or other copy as shown.

Direct applied border

Legend on guide signs on the main lanes shall be demountable legend. Legend on guide signs on cross roads and ramps shall be direct applied. The demountable and direct applied legends shall be type I X sheeting.

The background on all guide signs and standard signs shall be constructed using type I I I sheeting.

Type I X sheeting for border, legend, shields, arrows, or other copy shall be oriented vertically as per manufacturers' datum marks, orientation marks, or other recommendations.

Sign legend, shields, arrows or other copy shall be applied with rivets only.

No other method of applying characters is allowed.
CLEARING AND GRUBBING

CONSTRUCTION SEQUENCE
1. PLACE MINIMUM CONTROLS (i.e., Silt Fences, Erosion Ditches, Sediment Basins, etc.)
2. PERFORM CLEARING AND GRUBBING OPERATION.

EXCAVATION

EXISTING GROUND
INTERCEPTOR OR
DIVERSION DITCH
EXISTING GROUND

PHASE 1 EXCAVATION
PHASE 2 EXCAVATION
PHASE 3 EXCAVATION

GENERAL NOTE
ALL CUT SLOPES SHALL BE DRESSED, PREPARED, SEDIMENT AND SLOPES ARE HOLLowered AS PER SPECIFICATIONS. EXPANSION Joints, EXCAVATION AND BLIND JOINTS IN EMBANKMENTS ARE TO BE DRESSED OR PROCESSED AS NEEDED.

CONSTRUCTION SEQUENCE
1. EXCAVATE AND STABILIZE INTERCEPTOR AND/OR DIVERSION DITCHES.
2. PERFORM PHASE 1 EXCAVATION, PLACE PERMANENT OR TEMPORARY SEEDING.
3. PERFORM PHASE 2 EXCAVATION, PLACE PERMANENT OR TEMPORARY SEEDING.
4. PERFORM PHASE 3 EXCAVATION, PLACE PERMANENT OR TEMPORARY SEEDING.
5. PERFORM FINAL, PHASE 4 EXCAVATION, PLACE PERMANENT OR TEMPORARY SEEDING.
6. PERFORM INTERCEPTOR AND/OR DIVERSION DITCHES, PLACE PERMANENT OR TEMPORARY SEEDING.
7. PERFORM OTHER EROSION CONTROL DEVICES AS SPECIFIED.

EMBANKMENT

NOTE:
1. EROSION DITCHES TO BE IN PLACE UNTIL SLAB IS COMPLETELY STABILIZED.
2. PHASE 3 EMBANKMENT
3. PHASE 2 EMBANKMENT
4. PHASE 1 EMBANKMENT
5. EROSION CONTROL DEVICES

GENERAL NOTE
ALL EMBANKMENT SLOPES SHALL BE DRESSED, PREPARED, SEDIMENT AND SLOPES ARE HOLLowered AS PER SPECIFICATIONS. EXPANSION Joints, EXCAVATION AND BLIND JOINTS IN EMBANKMENTS ARE TO BE DRESSED OR PROCESSED AS NEEDED.

CONSTRUCTION SEQUENCE
1. CONSTRUCT EROSION DITCHES, DITCH COVERS, SEEDING BASINS, SILT FENCES, OR OTHER EROSION CONTROL DEVICES AS SPECIFIED.
2. PLACE PHASE 1 EMBANKMENT WITH PERMANENT OR TEMPORARY SEEDING.
3. PLACE PHASE 2 EMBANKMENT WITH PERMANENT OR TEMPORARY SEEDING.
4. PLACE PHASE 3 EMBANKMENT WITH PERMANENT OR TEMPORARY SEEDING.
5. PLACE PHASE 4 EMBANKMENT WITH PERMANENT OR TEMPORARY SEEDING.
6. CONSTRUCT SLOPES AND SHAPING AND MAINTAIN UNTIL EMBANKMENT IS STABILIZED.

ARKANSAS STATE HIGHWAY COMMISSION
TEMPORARY EROSION CONTROL DEVICES
STANDARD DRAWING TEC-3

[Signature]
[Date]

[Signature]
[Date]
TRIANGULAR SILT Dike INSTALLATION FOR DIVERSION DITCH AND/or DITCH LINER

TRIANGULAR SILT Dike INSTALLATION FOR DIVERSION DITCH OR DRAINAGE DITCH

1. This work shall consist of furnishing, installing, and maintaining the triangular silt dikes used as a continuous line barrier at the top of slope directed by the engineer. The triangular silt dikes shall be installed as soon as construction will allow as directed by the engineer.

2. The triangular silt dikes shall be triangular shaped having a height in at least 8 ft to 10 ft at the center with equal sides and a 5 to 6 ft base. The triangular silt dikes shall be placed along the proposed centerline of the ditch or road. The triangular silt dikes shall be placed to minimize the amount of water flowing over the edge and to allow for the flow around the center.

3. Staples shall be placed inside the units overlap and in the center of the unit as shown in the diagram.

4. The contractor shall inspect all work after each rainfall event of at least 0.5 in. of water. Any deficiencies or damage shall be repaired by the contractor.

5. The contractor shall be responsible for furnishing the triangular silt dikes and for the installation, maintenance, and removal as directed by the engineer.

GENERAL NOTES

NOTES:

- Silt dice shall only be used for drop inlets in ramp locations.
- The contractor shall be responsible for furnishing the triangular silt dikes, placing, and maintaining them as directed by the engineer.

ARKANSAS STATE HIGHWAY COMMISSION
TEMPORARY EROSION CONTROL DEVICES

C-04-2 DRAFT

STANDARD DRAWING Tec-4

REV.

DATE

INCH

SR.

PRINT