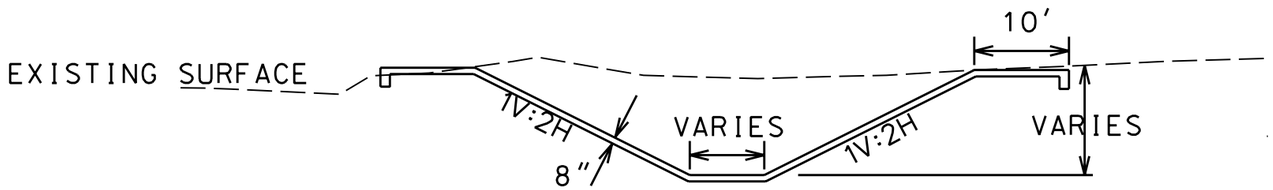
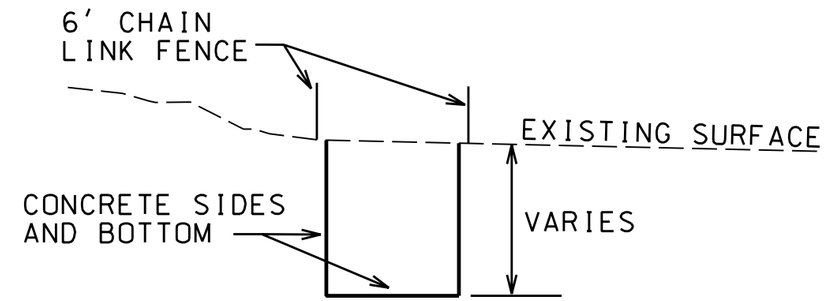
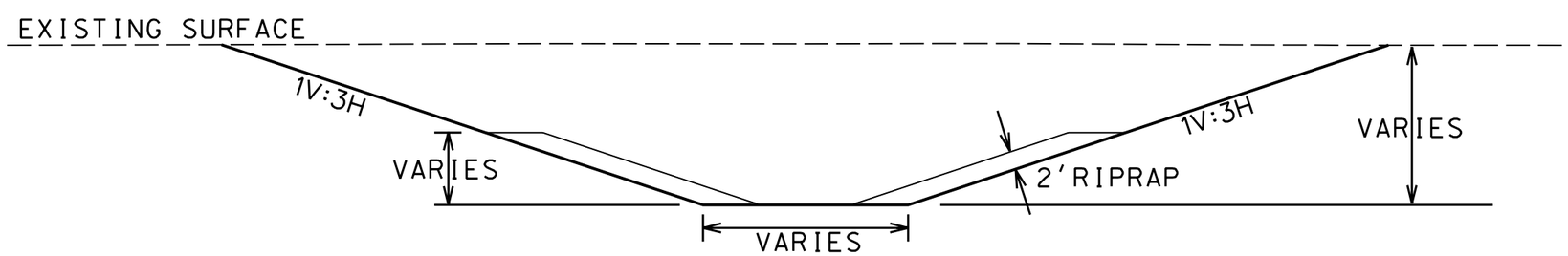


A TYPICAL SECTION N.T.S.
CONCRETE LINED CHANNEL
STA. 100+60 - STA. 112+60



B TYPICAL SECTION N.T.S.
VERTICAL CONCRETE WALL
STA. 82+30 - STA. 86+35



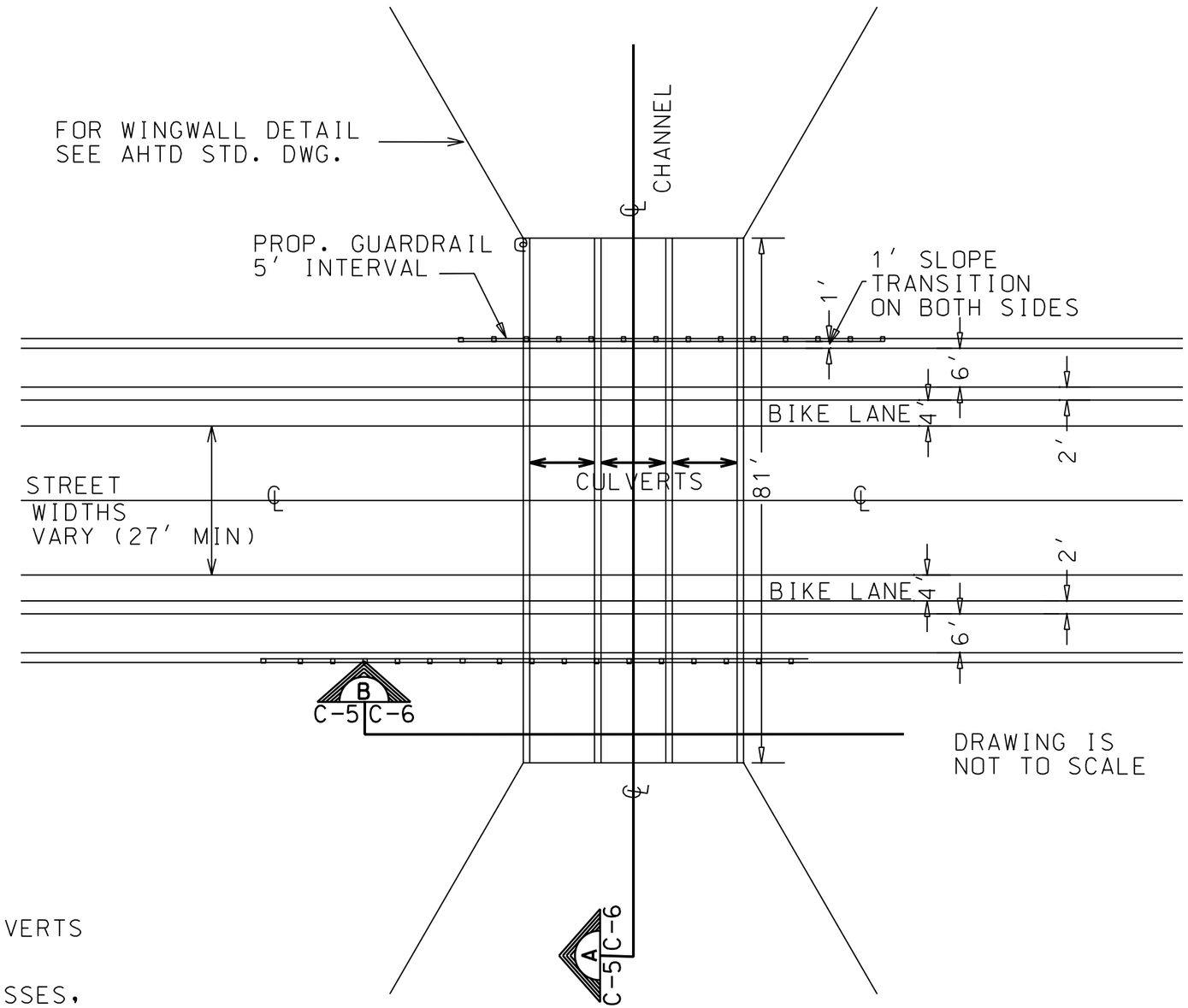
C TYPICAL SECTION N.T.S.
RIPRAP CHANNEL

DEPARTMENT OF THE ARMY
LITTLE ROCK DISTRICT, CORPS OF ENGINEERS
LITTLE ROCK, ARKANSAS

ARKANSAS RIVER WATERSHED — ARKANSAS RIVER, ARKANSAS

MAY BRANCH - FORT SMITH, ARKANSAS
FEASIBILITY STUDY
TYPICAL CHANNEL SECTIONS

SCALE: AS SHOWN | JANUARY 2005



NOTES:

1. THE NUMBER, SIZE AND LENGTH OF THE CULVERTS VARY AT DIFFERENT LOCATIONS.

2. CULVERT SLAB THICKNESSES, WALL THICKNESSES, INVERT ELEVATIONS AND DEPTH OF COVER VARY AT DIFFERENT LOCATIONS

3. CULVERT AND HEADWALL DESIGNS ARE IN ACCORDANCE WITH THE ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT STANDARD DRAWINGS:

DEPARTMENT OF THE ARMY
LITTLE ROCK DISTRICT, CORPS OF ENGINEERS
LITTLE ROCK, ARKANSAS

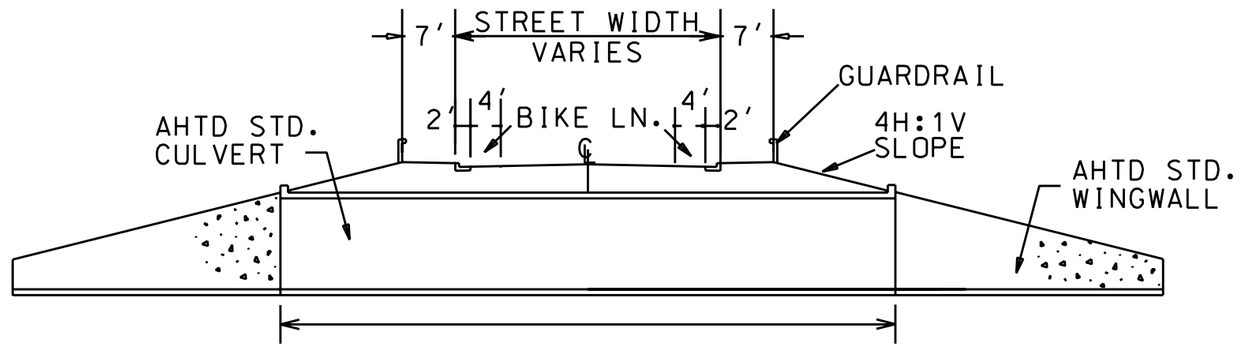
ARKANSAS RIVER WATERSHED — ARKANSAS RIVER, ARKANSAS

MAY BRANCH - FORT SMITH, ARKANSAS

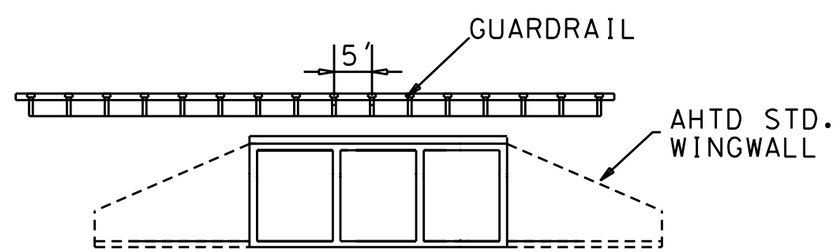
FEASIBILITY STUDY

TYPICAL CULVERT PLAN

SCALE: AS SHOWN | JANUARY 2005



A C-5|C-6 TYPICAL SECTION CULVERTS N.T.S.



B C-5|C-6 TYPICAL SECTION CULVERTS N.T.S.

NOTE:

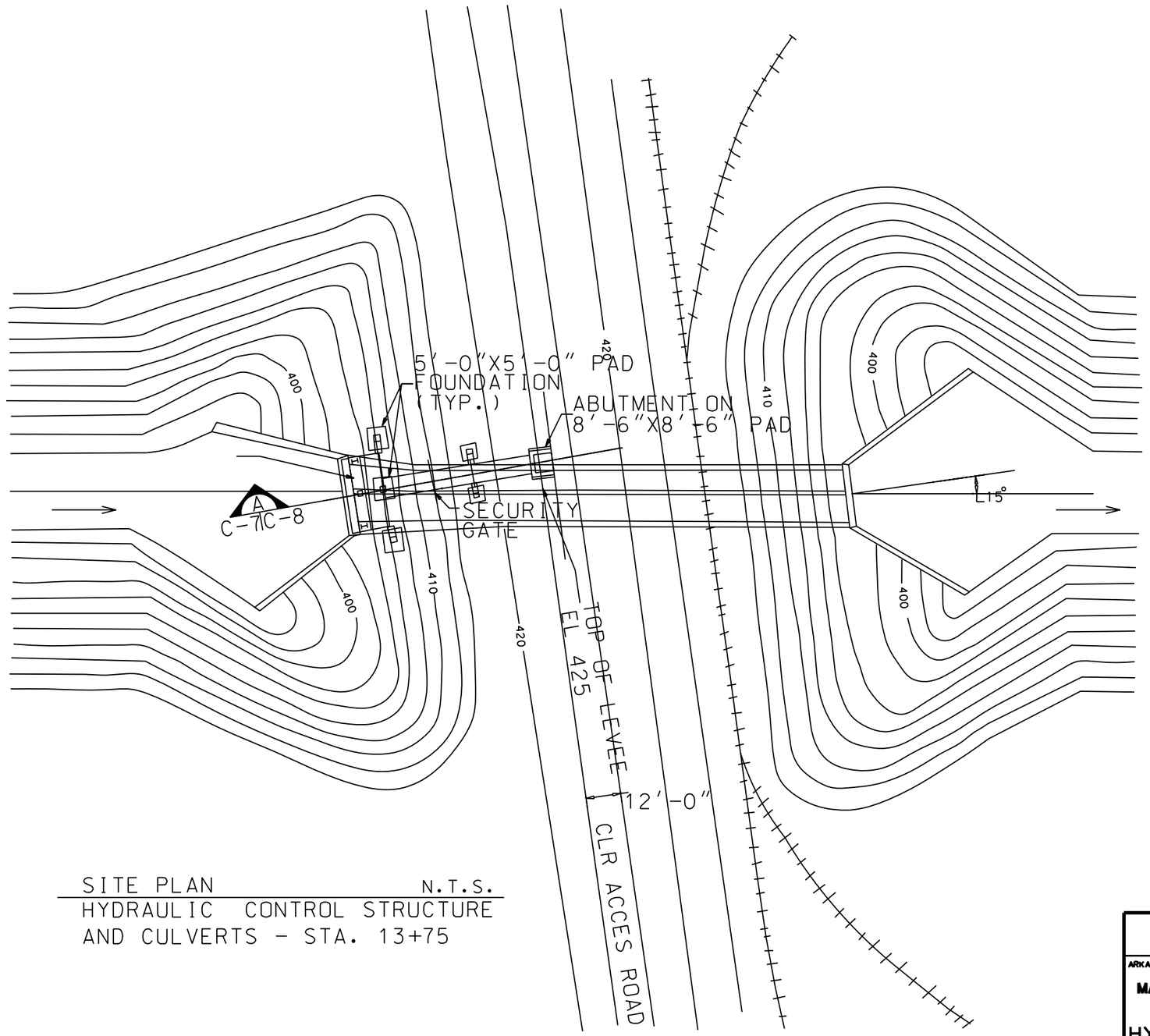
1. AHTD INDICATES ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT.

DEPARTMENT OF THE ARMY
LITTLE ROCK DISTRICT, CORPS OF ENGINEERS
LITTLE ROCK, ARKANSAS

ARKANSAS RIVER WATERSHED — ARKANSAS RIVER, ARKANSAS

MAY BRANCH - FORT SMITH, ARKANSAS
FEASIBILITY STUDY
TYPICAL CULVERT SECTIONS

SCALE: AS SHOWN | JANUARY 2005



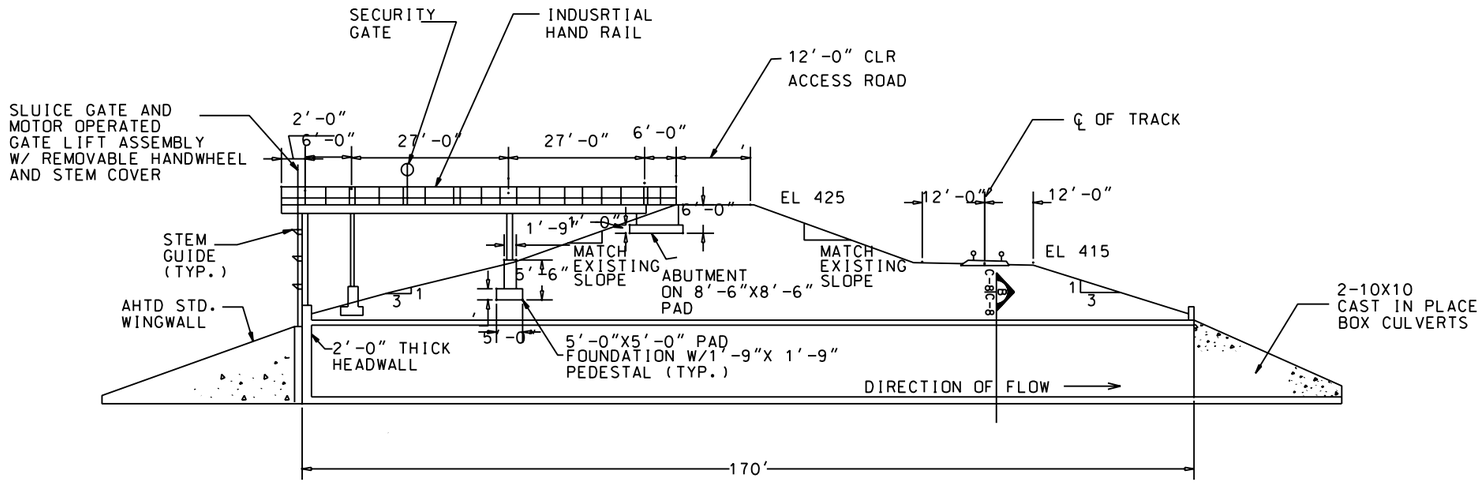
SITE PLAN N.T.S.
HYDRAULIC CONTROL STRUCTURE
AND CULVERTS - STA. 13+75

DEPARTMENT OF THE ARMY
LITTLE ROCK DISTRICT, CORPS OF ENGINEERS
LITTLE ROCK, ARKANSAS

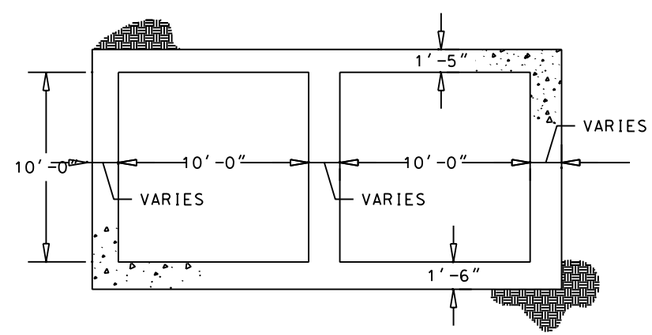
ARKANSAS RIVER WATERSHED — ARKANSAS RIVER, ARKANSAS

MAY BRANCH - FORT SMITH, ARKANSAS
FEASIBILITY STUDY
HYDRAULIC CONTROL STRUCTURE

SCALE: AS SHOWN | JANUARY 2005



A SECTION NTS
C-7|C-8 HYDRAULIC CONTROL STRUCTURE



B SECTION NTS
C-8|C-8 CULVERTS THROUGH LEVEE

NOTE:

1. AHTD INDICATES ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT.

DEPARTMENT OF THE ARMY
LITTLE ROCK DISTRICT, CORPS OF ENGINEERS
LITTLE ROCK, ARKANSAS

ARKANSAS RIVER WATERSHED — ARKANSAS RIVER, ARKANSAS

MAY BRANCH - FORT SMITH, ARKANSAS
FEASIBILITY STUDY
HYDRAULIC CONTROL STRUCTURE DETAILS

SCALE: AS SHOWN | JANUARY 2005