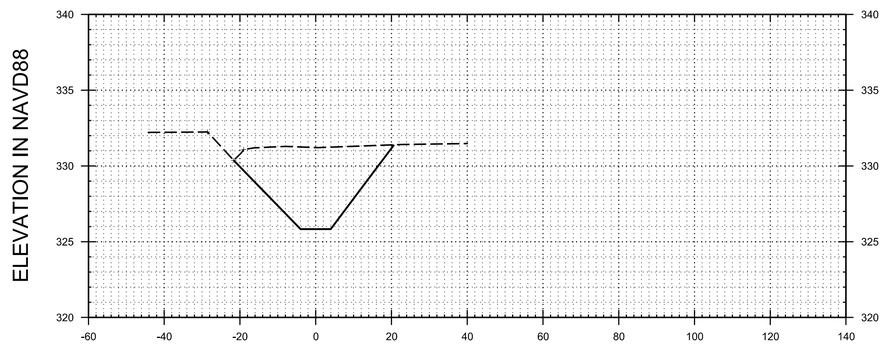

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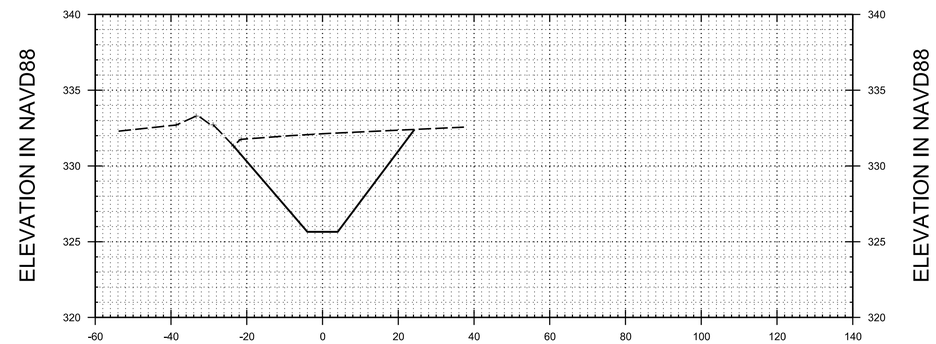

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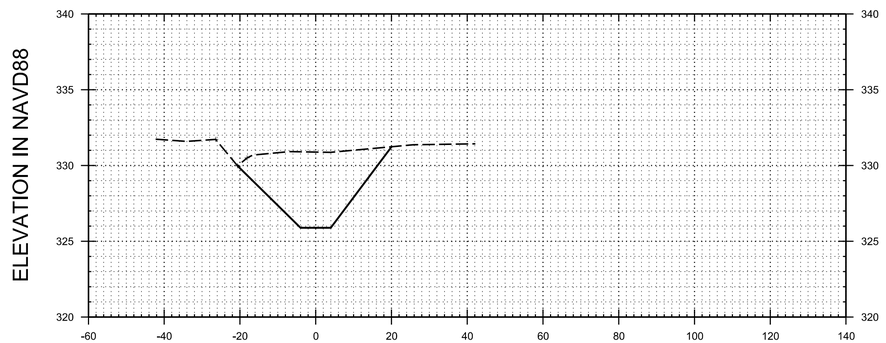

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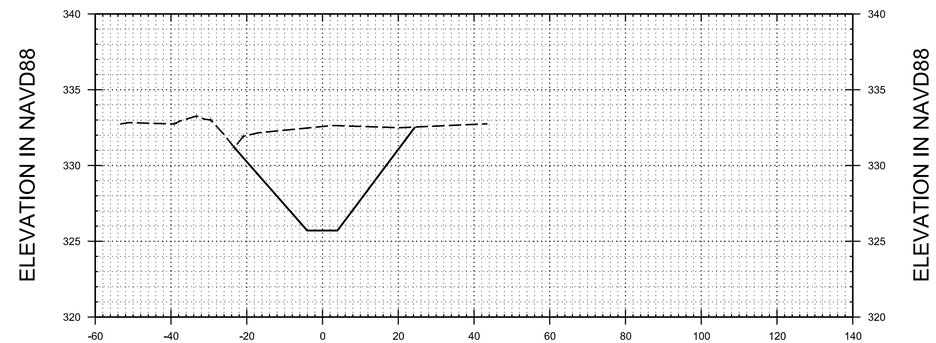

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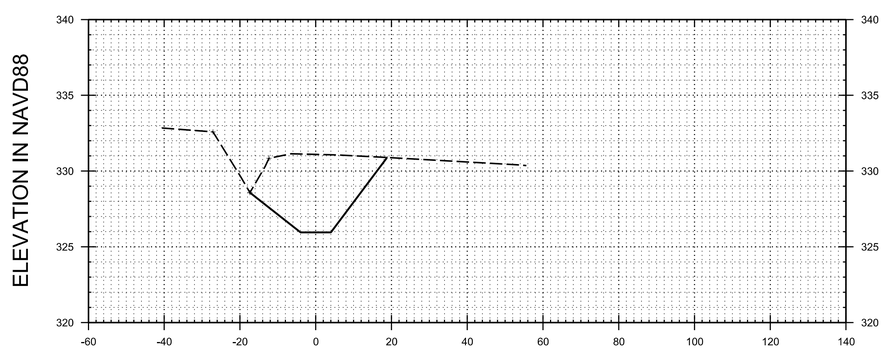

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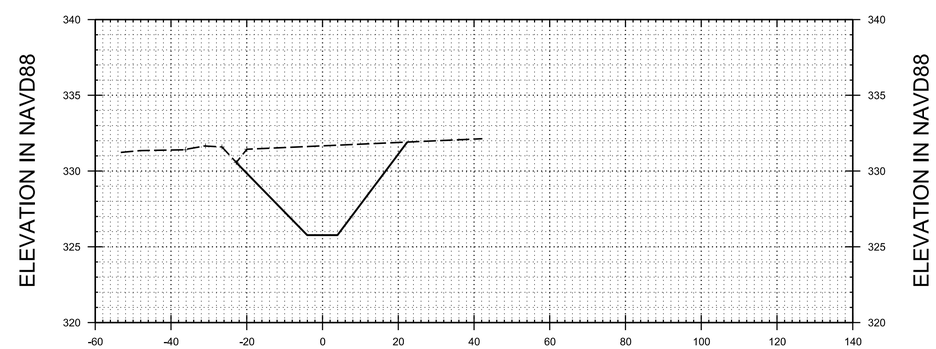


38+50

US Army Corps of Engineers®
Memphis District

MARK	DESCRIPTION	DATE	APPR.

MARK	DESCRIPTION	DATE	APPR.

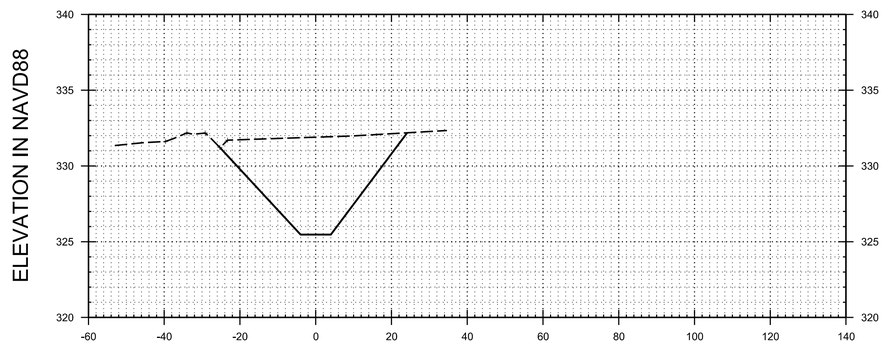
U.S. ARMY CORPS OF ENGINEERS
MEMPHIS DISTRICT
MEMPHIS, TENNESSEE

DESIGNED BY: N. Aleman
DWN BY: DBA
CKD BY: NEN
SUBMITTED BY: Cory R. Williams, P.E.
PLOT SCALE: 1:40 "=1'-0"
PLOT DATE: 2019/02/13
SIZE: ANSI D
FILE NAME: Misc_5_Sections.dgn
DATE: 2018/2/06
SOLICITATION NO.: W912EQ-18-R-XXXX
CONTRACT NO.: W912EQ-18-R-XXXX
FILE NUMBER:

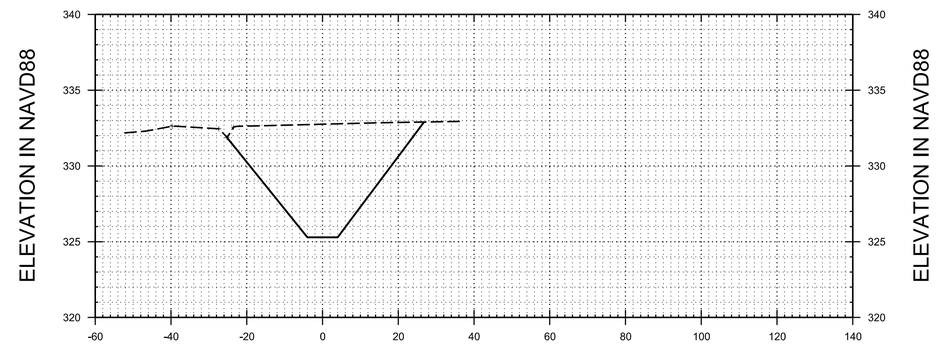
MISCELLANEOUS RELIEF WELLS - ILLINOIS AND MISSOURI
ARMY CORPS OF ENGINEERS - MEMPHIS DISTRICT
SCOTT COUNTY / MISSISSIPPI COUNTY, MISSOURI
ALEXANDER COUNTY, ILLINOIS
STA. 36+00 TO STA. 41+00
DITCH "A" CROSS SECTIONS

Sheet ID
C-116

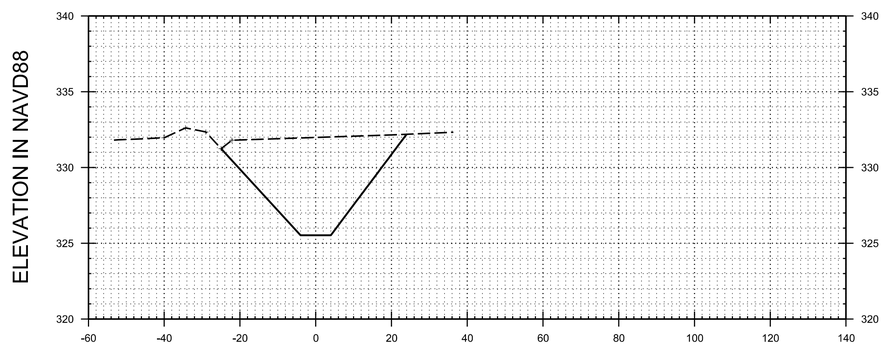
auto_time



48+50



54+50



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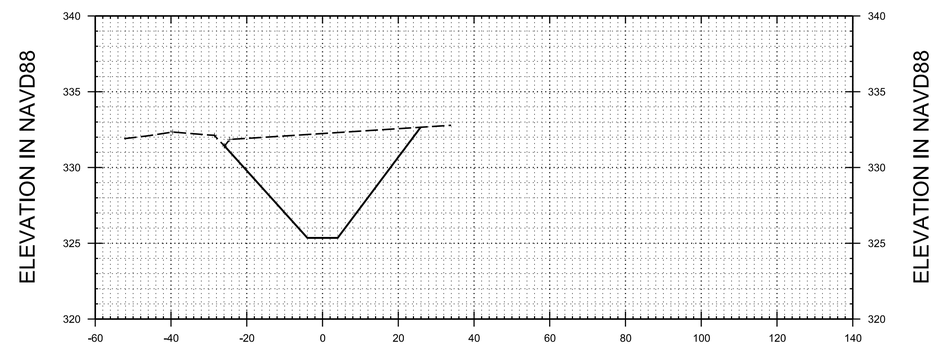

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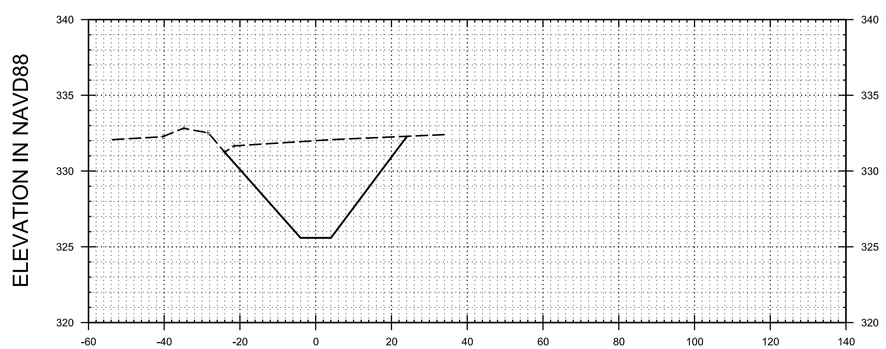

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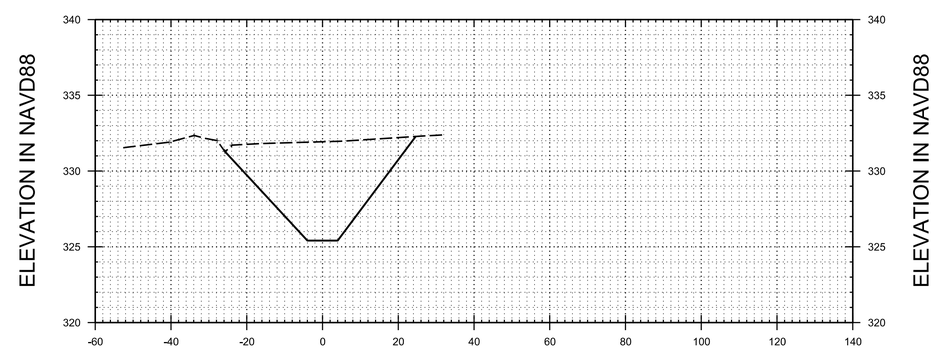


50+50

US Army Corps of Engineers®
Memphis District

MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION	DATE	APPR.

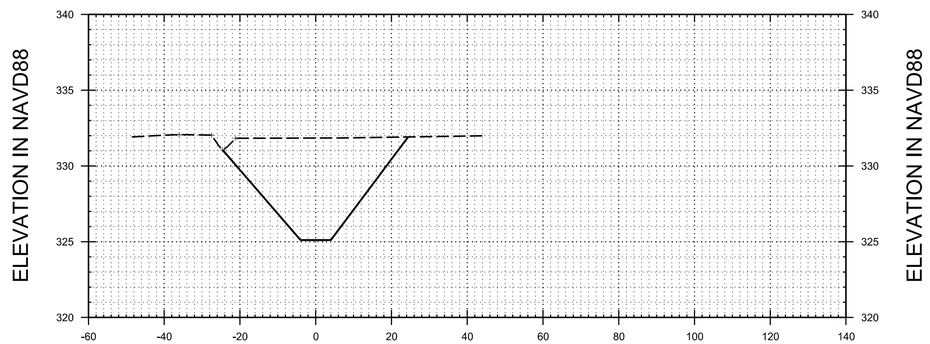
U.S. ARMY CORPS OF ENGINEERS
MEMPHIS DISTRICT
MEMPHIS, TENNESSEE

DESIGNED BY: N. Aleman
DWN BY: DBA
CKD BY: NEN
SUBMITTED BY: Cory R. Williams, P.E.
PLOT SCALE: 1:40 PLOT DATE: 20190205
SIZE: ANSI D
FILE NAME: Miss_5_Sections.dgn
DATE: 2018/2/06
SOLICITATION NO.: W912EQ-18-R-XXXX
CONTRACT NO.: W912EQ-18-R-XXXX
FILE NUMBER:

MISCELLANEOUS RELIEF WELLS - ILLINOIS AND MISSOURI
ARMY CORPS OF ENGINEERS - MEMPHIS DISTRICT
SCOTT COUNTY / MISSISSIPPI COUNTY, MISSOURI
ALEXANDER COUNTY, ILLINOIS
STA. 42+00 TO STA. 47+00
DITCH "A" CROSS SECTIONS

Sheet ID
C-117

auto_time



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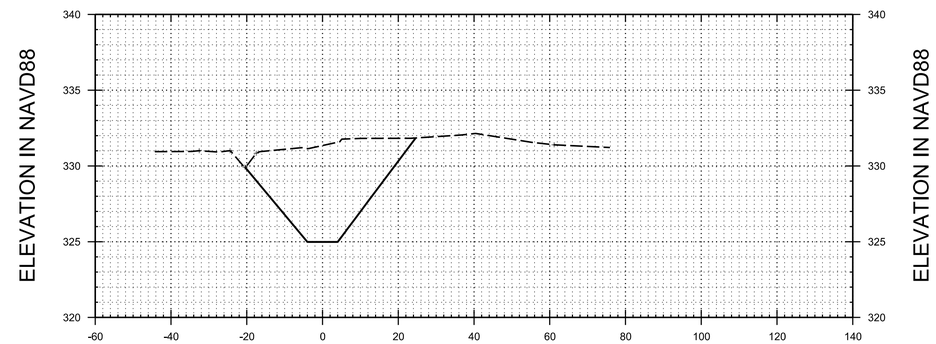

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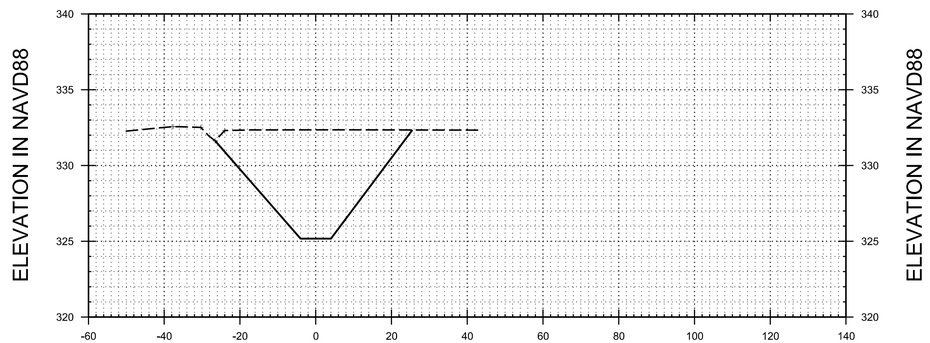

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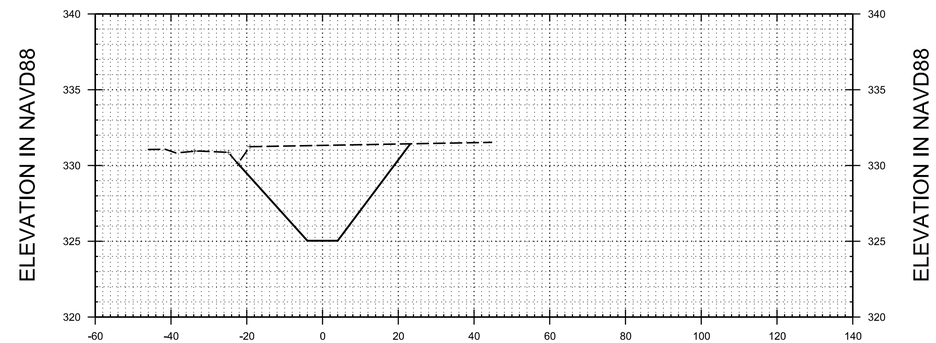
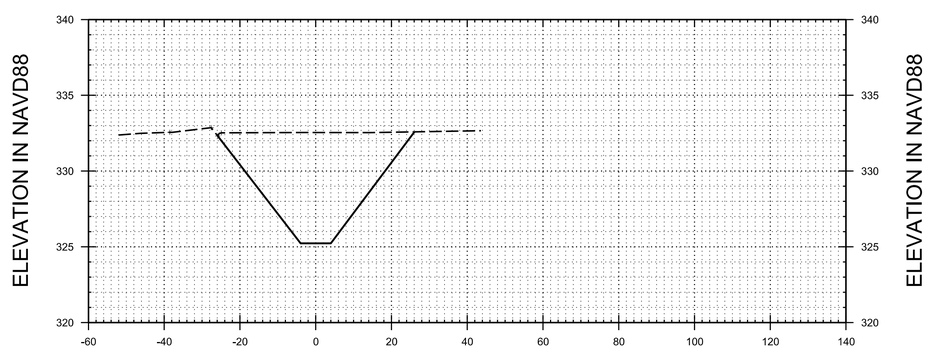


63+00



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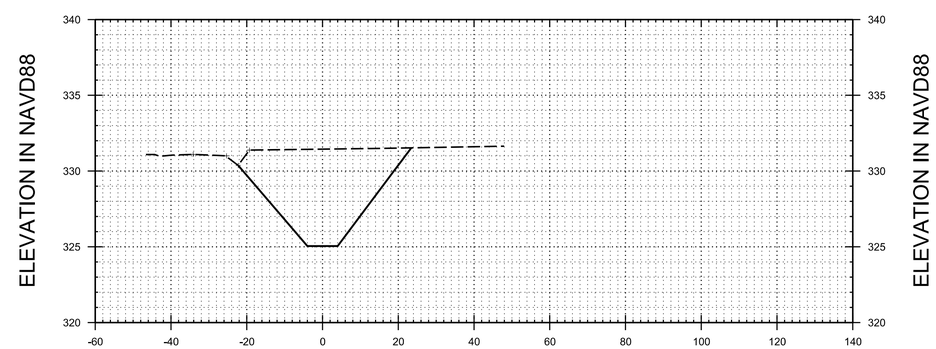


62+50

US Army Corps of Engineers®
Memphis District

MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION	DATE	APPR.

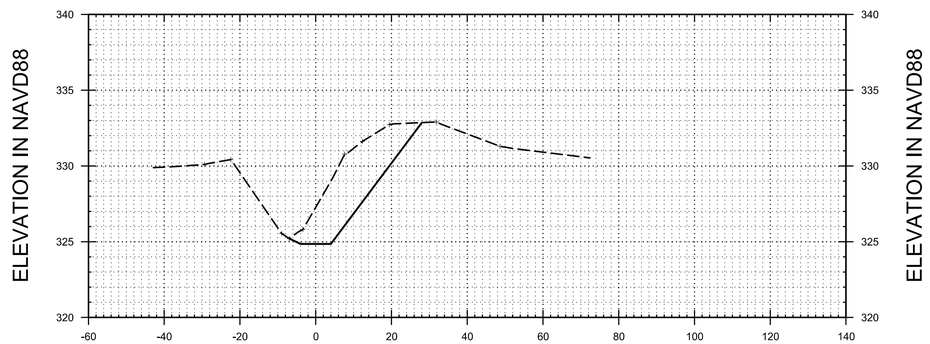
U.S. ARMY CORPS OF ENGINEERS
MEMPHIS DISTRICT
MEMPHIS, TENNESSEE

DESIGNED BY: N. Aleman
DWN BY: DBA
CKD BY: NEN
SUBMITTED BY: Cory R. Williams, P.E.
PLOT SCALE: 1:40 ft / 20mm
PLOT DATE: 2019/02/13
SIZE: ANSI D
FILE NAME: Misc_5_Sections.dgn
DATE: 2018/2/06
SOLICITATION NO.: W912EQ-18-R-XXXX
CONTRACT NO.: W912EQ-18-R-XXXX
FILE NUMBER:

MISCELLANEOUS RELIEF WELLS - ILLINOIS AND MISSOURI
ARMY CORPS OF ENGINEERS - MEMPHIS DISTRICT
SCOTT COUNTY / MISSISSIPPI COUNTY, MISSOURI
ALEXANDER COUNTY, ILLINOIS
STA. 48+00 TO STA. 53+00
DITCH "A" CROSS SECTIONS

Sheet ID
C-118

auto_time



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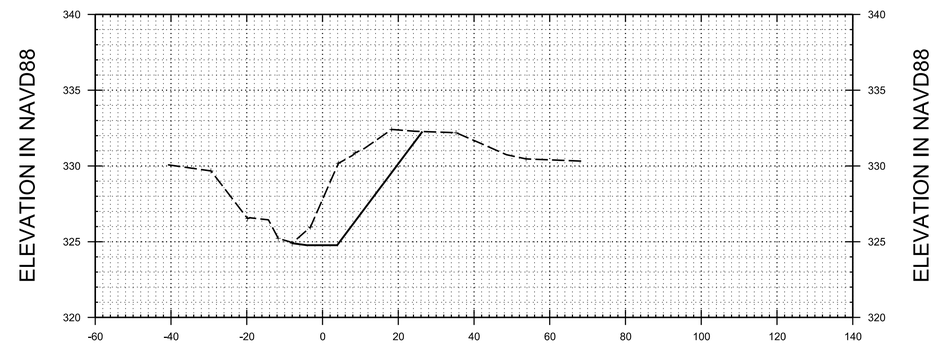

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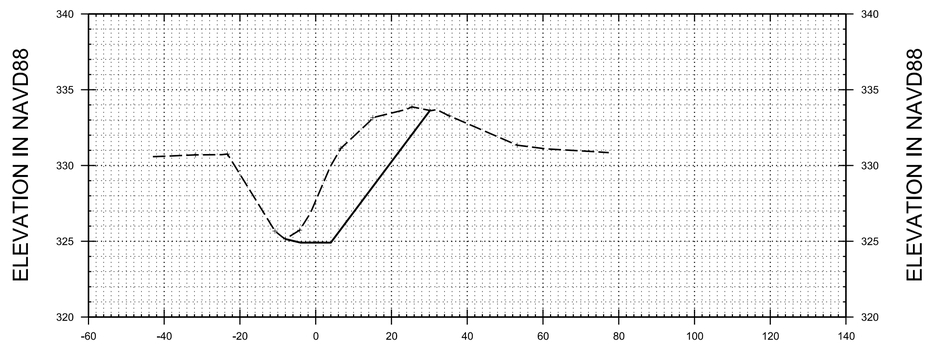
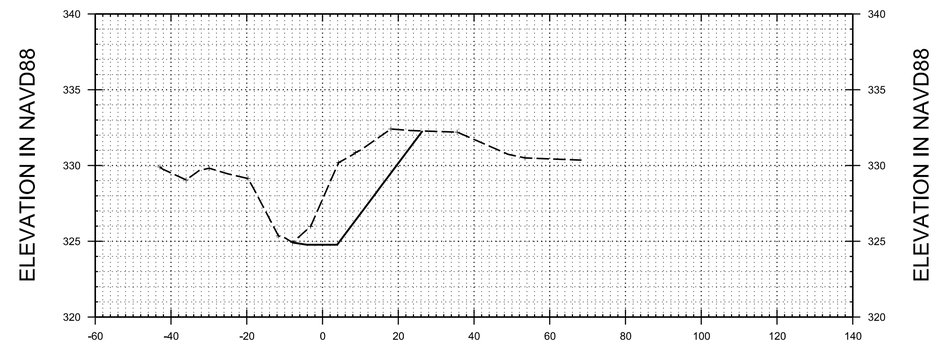


67+00



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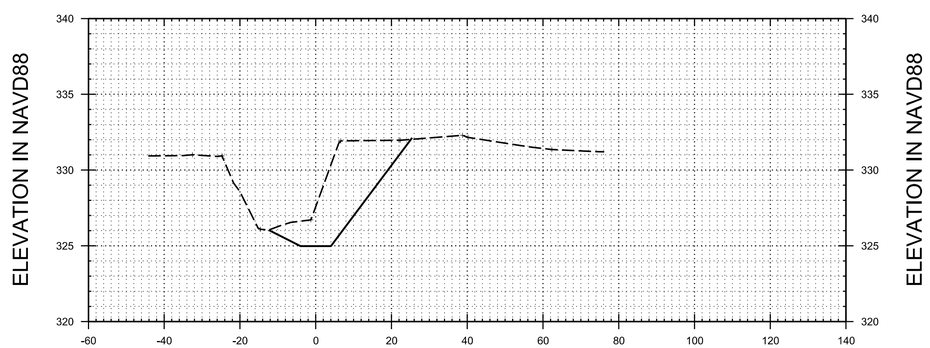

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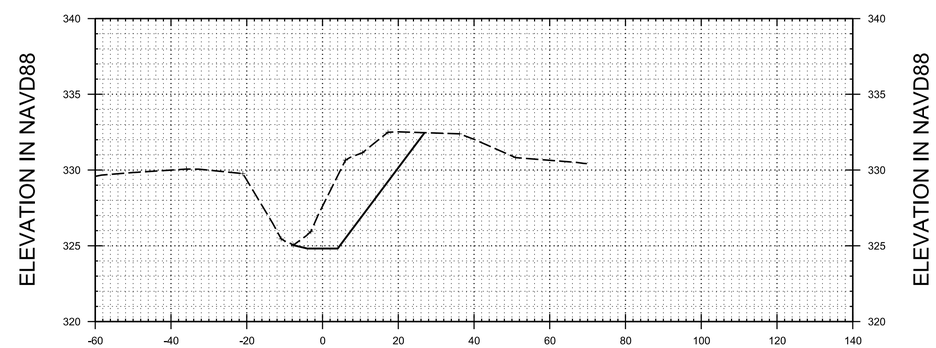


70+00

US Army Corps of Engineers®
Memphis District

MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION	DATE	APPR.

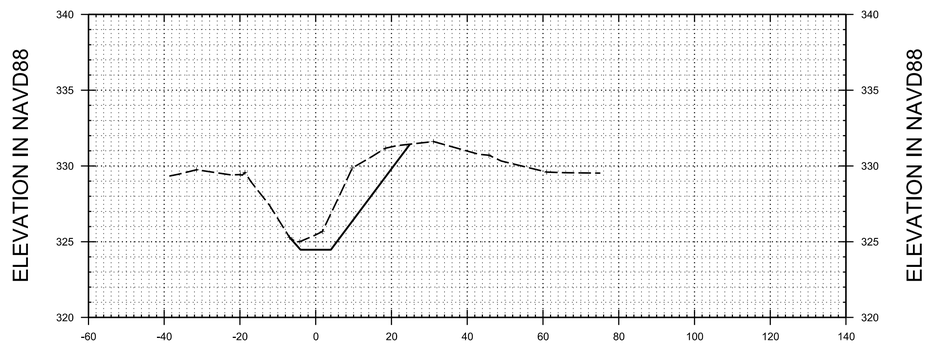
U.S. ARMY CORPS OF ENGINEERS
MEMPHIS DISTRICT
MEMPHIS, TENNESSEE

DESIGNED BY: N. Aleman
DWN BY: DBA
CKD BY: NEN
SUBMITTED BY: Cory R. Williams, P.E.
PLOT SCALE: 1:40 PLOT DATE: 20190403
SIZE: ANSI D
FILE NAME: Misc_5_Sections.dgn
DATE: 2019/2/06
SOLICITATION NO.: W912EQ-18-R-XXXX
CONTRACT NO.: W912EQ-18-R-XXXX
FILE NUMBER:

MISCELLANEOUS RELIEF WELLS - ILLINOIS AND MISSOURI
ARMY CORPS OF ENGINEERS - MEMPHIS DISTRICT
SCOTT COUNTY / MISSISSIPPI COUNTY , MISSOURI
ALEXANDER COUNTY, ILLINOIS
STA. 54+00 TO STA. 57+90.97
DITCH "A" CROSS SECTIONS

Sheet ID
C-119

auto_time



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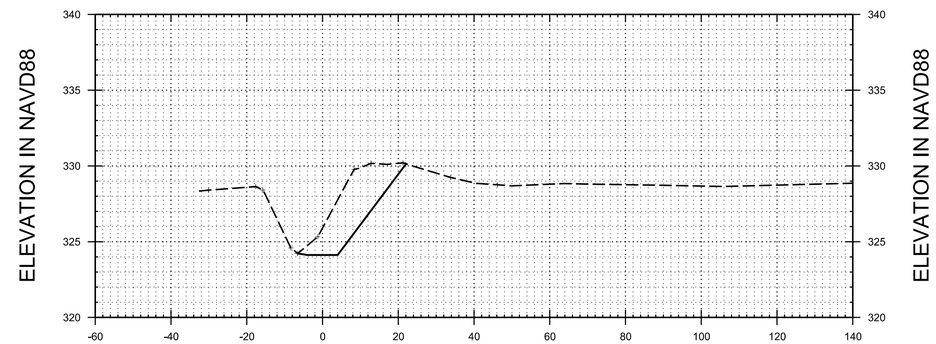

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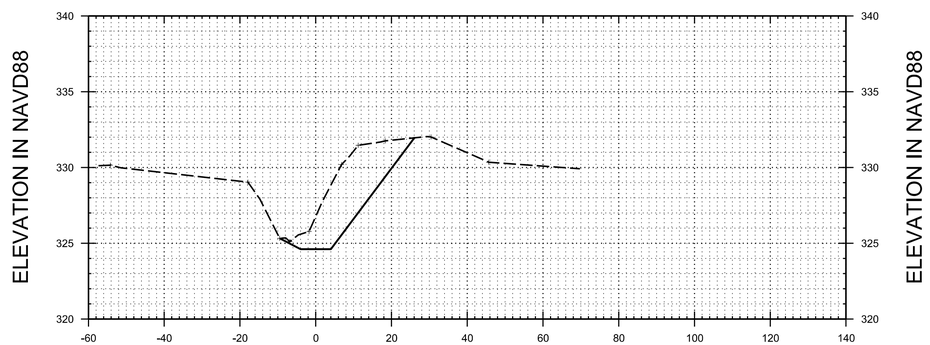
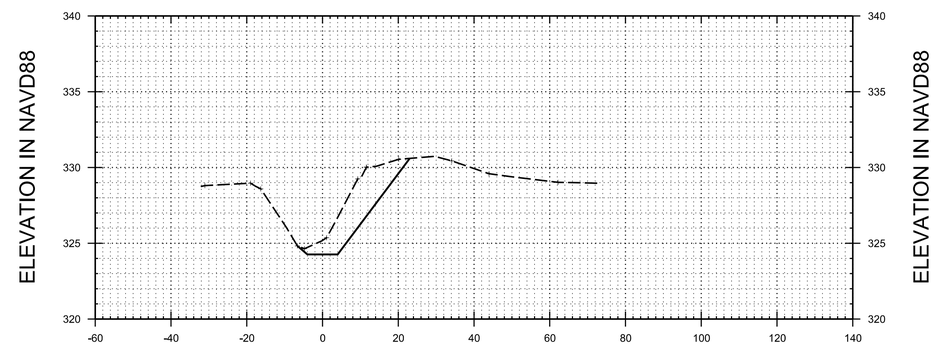


73+00



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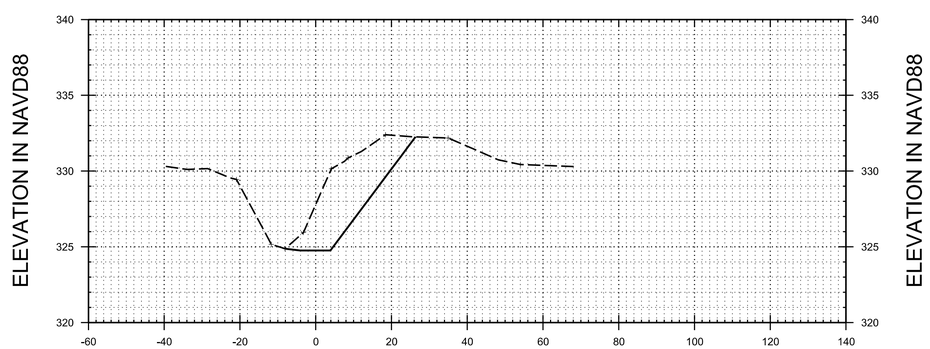

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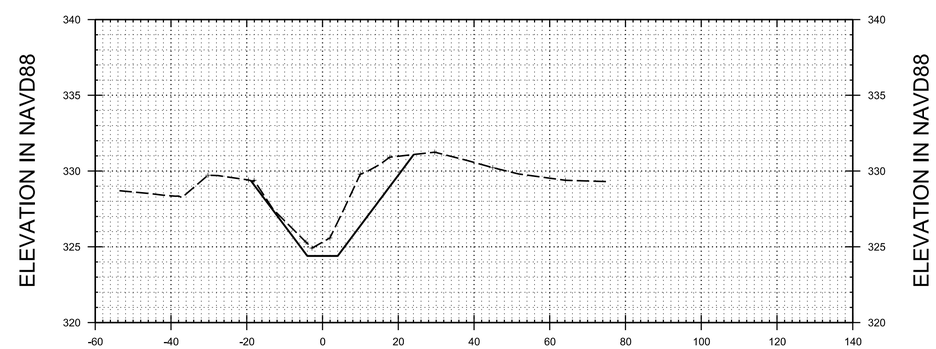


76+08

US Army Corps of Engineers®
Memphis District

MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION	DATE	APPR.

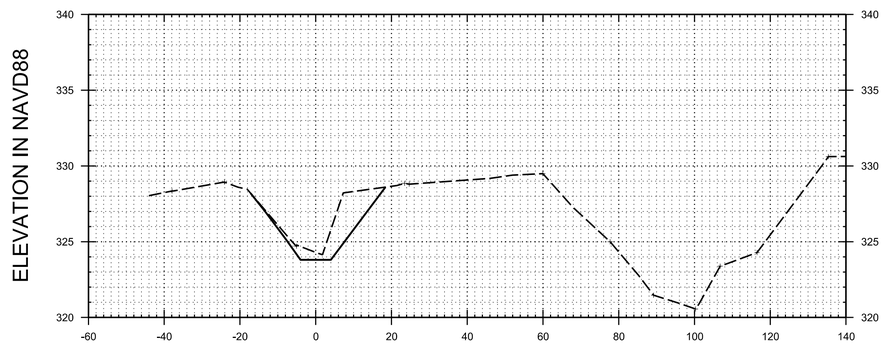
U.S. ARMY CORPS OF ENGINEERS
MEMPHIS DISTRICT
MEMPHIS, TENNESSEE

DESIGNED BY: N. Aleman
DWN BY: DBA
CKD BY: NEN
SUBMITTED BY: Cory R. Williams, P.E.
PLOT SCALE: 1:40 PLOT DATE: 20190415
SIZE: ANSI D
FILE NAME: Misc_5_Sections.dgn
DATE: 2019/2/06
SOLICITATION NO.: W912EQ-18-R-XXXX
CONTRACT NO.: W912EQ-18-R-XXXX
FILE NUMBER:

MISCELLANEOUS RELIEF WELLS - ILLINOIS AND MISSOURI
ARMY CORPS OF ENGINEERS - MEMPHIS DISTRICT
SCOTT COUNTY / MISSISSIPPI COUNTY, MISSOURI
ALEXANDER COUNTY, ILLINOIS
STA. 58+00 TO STA. 63+00
DITCH "A" CROSS SECTIONS

Sheet ID
C-120

auto_time



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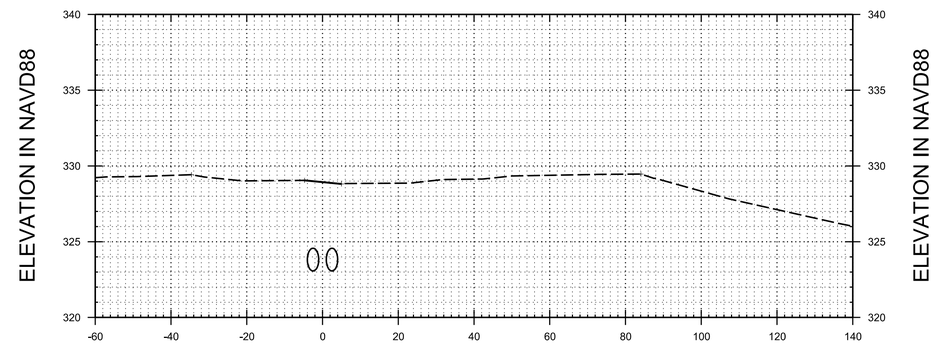

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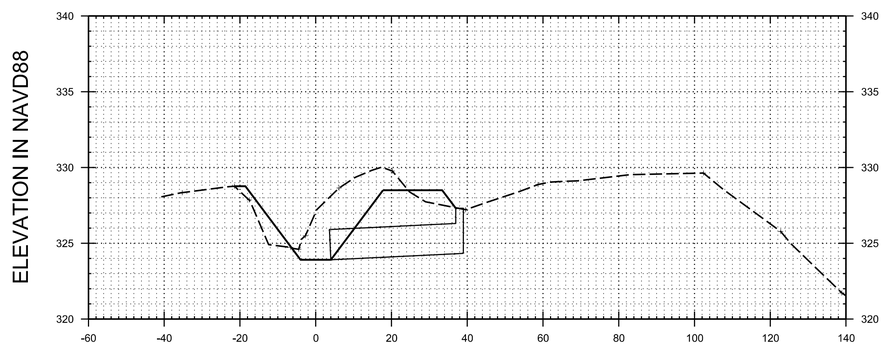

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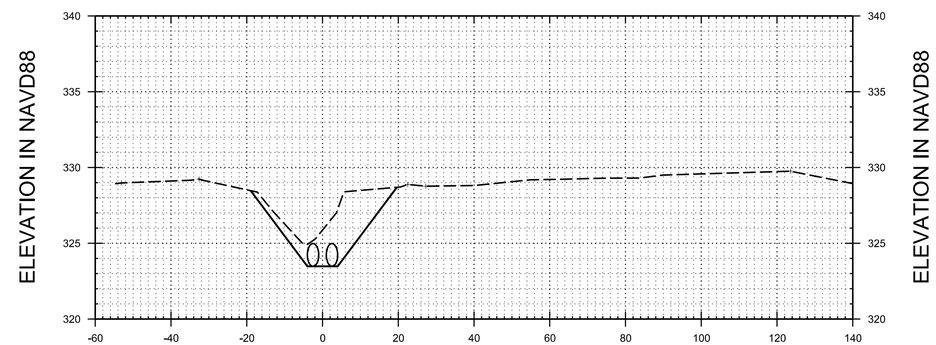

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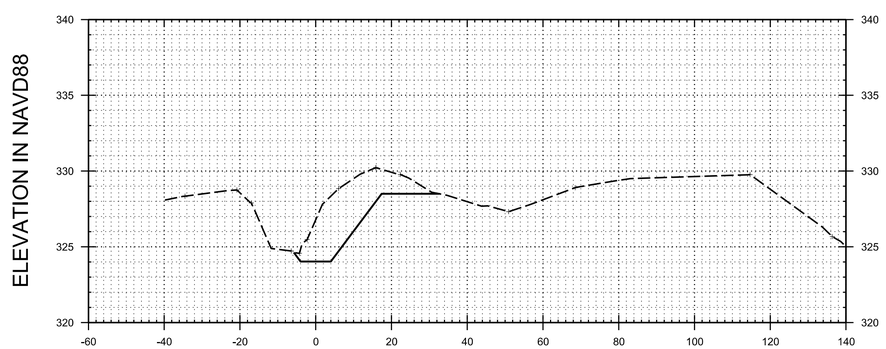

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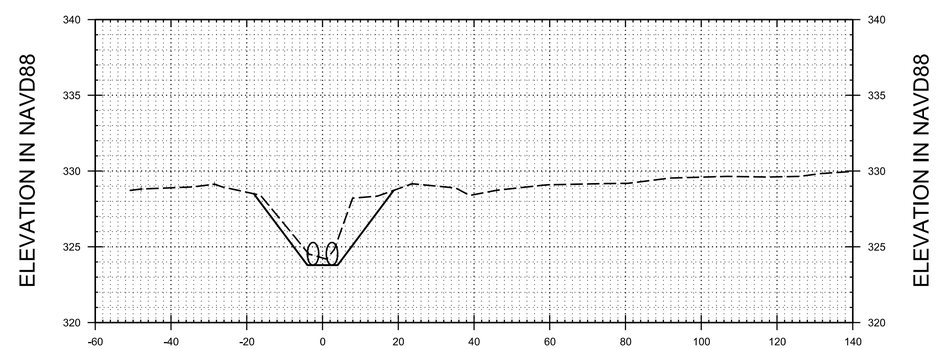


81+88

US Army Corps of Engineers®
Memphis District

MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION	DATE	APPR.

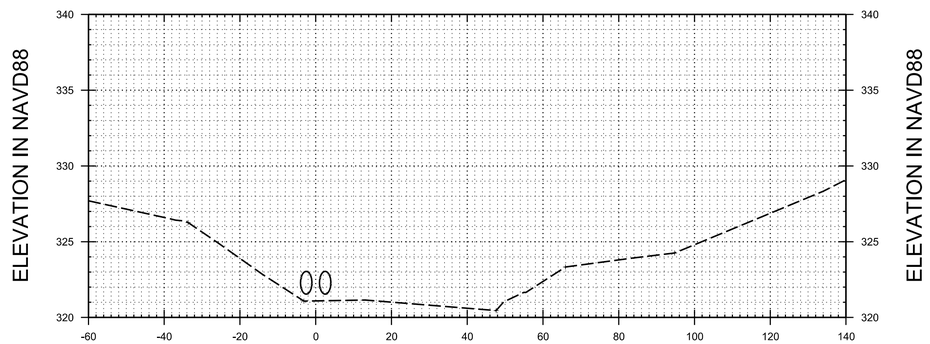
U.S. ARMY CORPS OF ENGINEERS
MEMPHIS DISTRICT
MEMPHIS, TENNESSEE

DESIGNED BY: N. Aleman
DWN BY: DBA
CKD BY: NEN
SUBMITTED BY: Cory R. Williams, P.E.
PLOT SCALE: 1:40 / 1:1
PLOT DATE: 2019/04/15
SIZE: ANSI D
FILE NAME: Misc_5_Sections.dgn
DATE: 2018/2/06
SOLICITATION NO.: W912EQ-18-R-XXXX
CONTRACT NO.: W912EQ-18-R-XXXX
FILE NUMBER:

MISCELLANEOUS RELIEF WELLS - ILLINOIS AND MISSOURI
ARMY CORPS OF ENGINEERS - MEMPHIS DISTRICT
SCOTT COUNTY / MISSISSIPPI COUNTY, MISSOURI
ALEXANDER COUNTY, ILLINOIS
STA. 64+00 TO STA. 67+00
DITCH "A" CROSS SECTIONS

Sheet ID
C-121

auto_time



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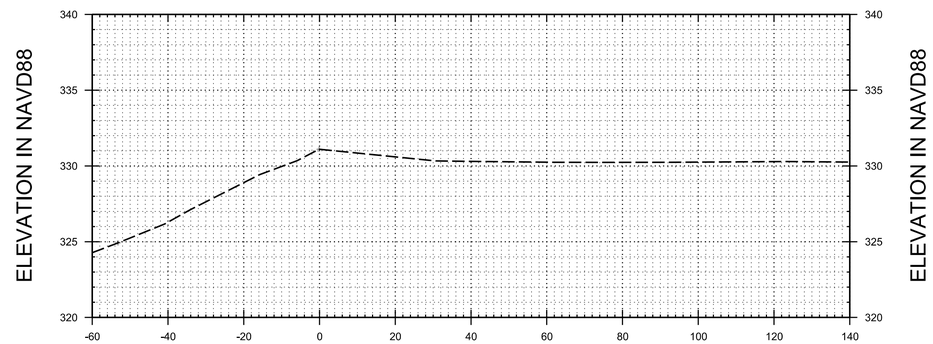
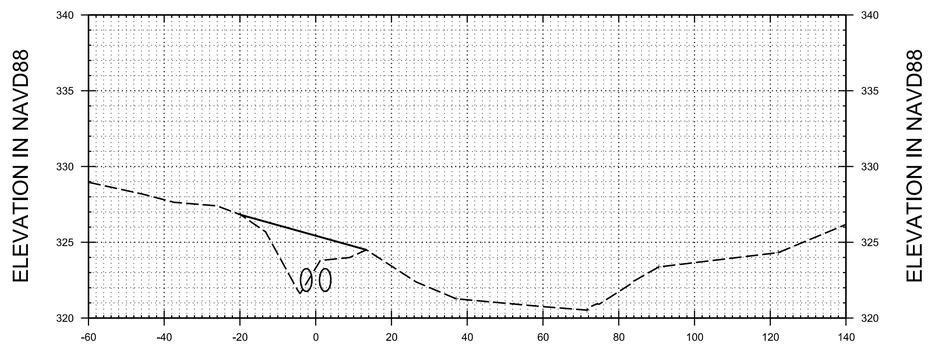


82+70



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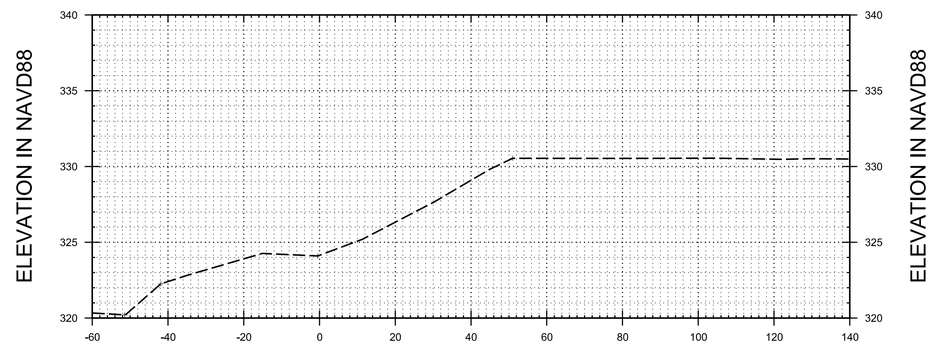

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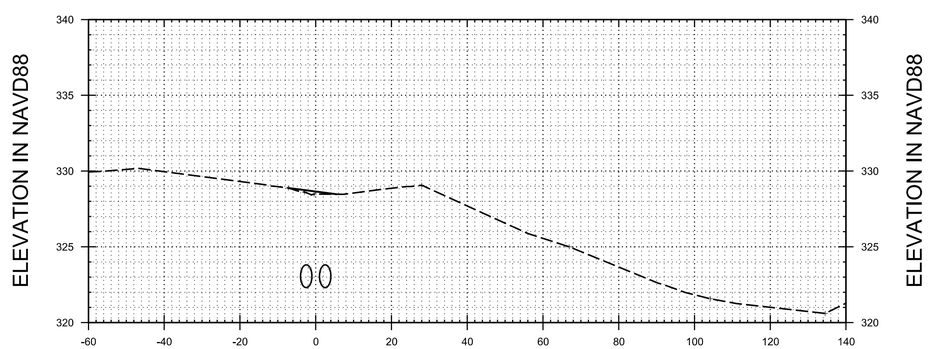

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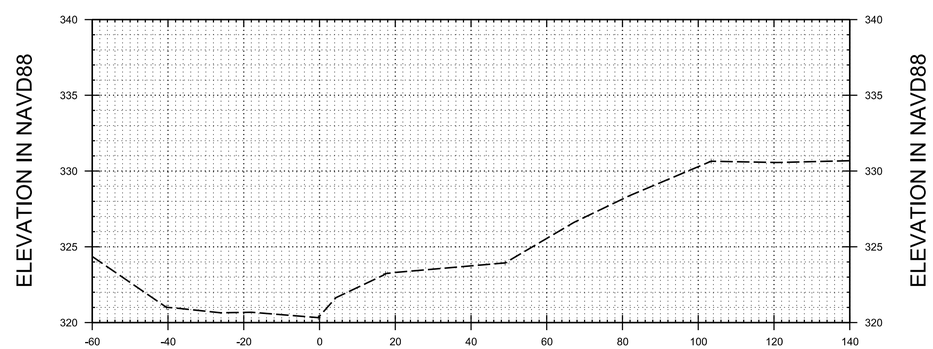


82+48

US Army Corps of Engineers®
Memphis District

MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION	DATE	APPR.

U.S. ARMY CORPS OF ENGINEERS
MEMPHIS DISTRICT
MEMPHIS, TENNESSEE

DESIGNED BY: N. Aleman
DWN BY: DBA
CKD BY: NEN
SUBMITTED BY: Cory R. Williams, P.E.
PLOT SCALE: 1:40 PLOT DATE: 20190401
SIZE: ANSI D
FILE NAME: Misc_5_Sections.dgn
DATE: 2019/2/06
SOLICITATION NO.: W912EQ-18-R-XXXX
CONTRACT NO.: W912EQ-18-R-XXXX
FILE NUMBER:

MISCELLANEOUS RELIEF WELLS -
ILLINOIS AND MISSOURI
ARMY CORPS OF ENGINEERS - MEMPHIS DISTRICT
SCOTT COUNTY / MISSISSIPPI COUNTY, MISSOURI
ALEXANDER COUNTY, ILLINOIS
STA. 68+00 TO STA. 70+63
DITCH "A" CROSS SECTIONS

Sheet ID
C-122

auto_time

US Army Corps of Engineers®
Memphis District

MARK	DESCRIPTION	DATE	APPR.

MARK	DESCRIPTION	DATE	APPR.

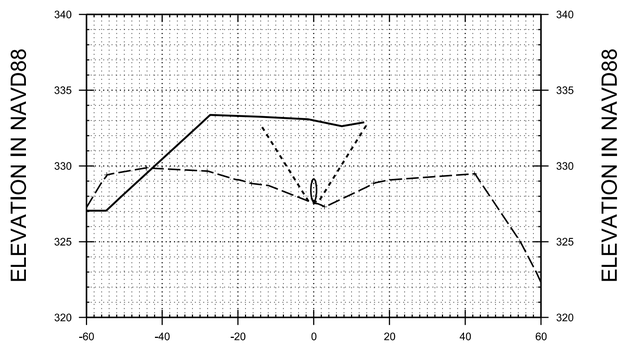
U.S. ARMY CORPS OF ENGINEERS
MEMPHIS DISTRICT
MEMPHIS, TENNESSEE

DESIGNED BY: N. Aleman
DWN BY: DBA
CKD BY: NEN
SUBMITTED BY: Cory H. Williams, P.E.
PLOT SCALE: Proportional
PLOT DATE: 2/09/2006
SIZE: ANSI D
FILE NAME: Mile_5_Sections.dgn
DATE: 2/19/2006
SOLICITATION NO.: W912EQ-18-R-XXXX
CONTRACT NO.: W912EQ-18-R-XXXX
FILE NUMBER:

MISCELLANEOUS RELIEF WELLS -
ILLINOIS AND MISSOURI
ARMY CORPS OF ENGINEERS - MEMPHIS DISTRICT
SCOTT COUNTY / MISSISSIPPI COUNTY , MISSOURI
ALEXANDER COUNTY, ILLINOIS
STA. 71+00 TO STA. 75+86.39
DITCH "A" CROSS SECTIONS

Sheet ID
C-123

auto_time



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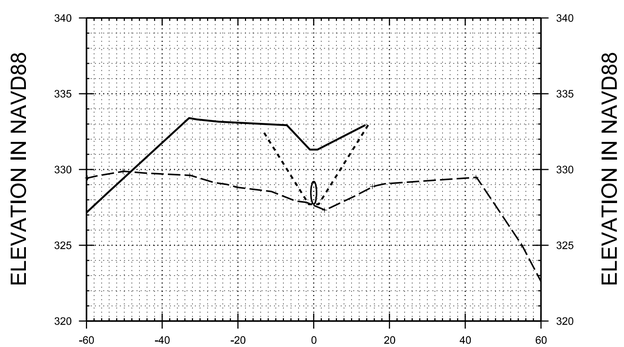

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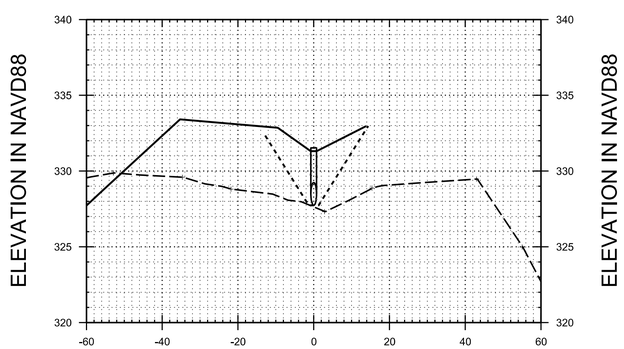
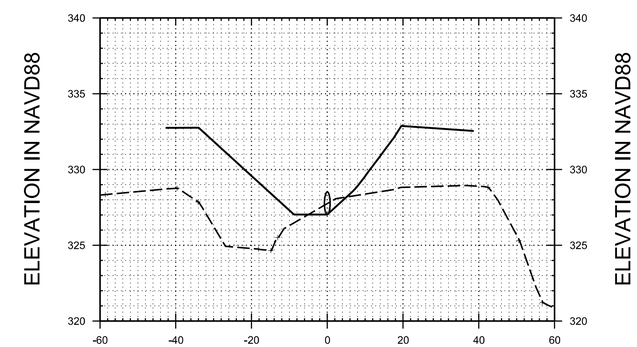


0+44.49 (Inv. New Pipe)



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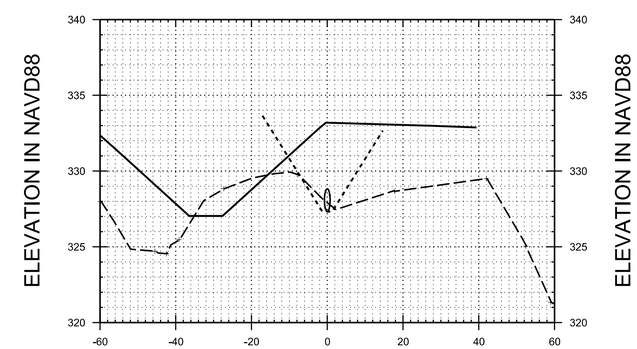


0+78.27

US Army Corps of Engineers®
Memphis District

MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION	DATE	APPR.

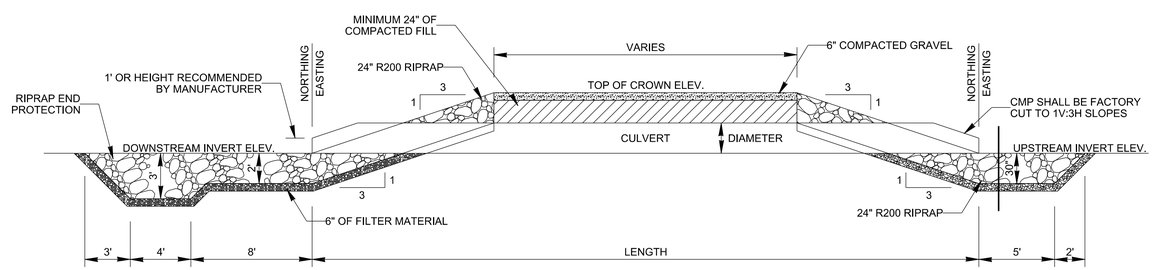
U.S. ARMY CORPS OF ENGINEERS
MEMPHIS DISTRICT
MEMPHIS, TENNESSEE

DESIGNED BY: N. Aleman
DWN BY: DBA
CKD BY: NEN
SUBMITTED BY: Cory R. Williams, P.E.
DATE: 2018/2/06
SOLICITATION NO.: W912EQ-18-R-XXXX
CONTRACT NO.: W912EQ-18-R-XXXX
PLOT SCALE: 1:40 (Horizontal) 1:40 (Vertical)
PLOT DATE: 2018/2/06
FILE NUMBER:
SIZE: ANSI D
FILE NAME: Misc_5_Sections.dgn

MISCELLANEOUS RELIEF WELLS - ILLINOIS AND MISSOURI
ARMY CORPS OF ENGINEERS - MEMPHIS DISTRICT
SCOTT COUNTY / MISSISSIPPI COUNTY, MISSOURI
ALEXANDER COUNTY, ILLINOIS
STA. 0+44.49 TO STA. 1+04.06
DITCH "B" CROSS SECTIONS

Sheet ID
C-124

auto_time



TO BE UPDATED FOR CULVERTS ON BELOW COMMERCE MILE 5

SCALE: 1" = 5'

BELOW COMMER MILE 5 - CULVERT INFORMATION										
CULVERT	SIZE (IN.)	LENGTH (FT.)	CULVERT TYPE	TOP OF CROWN ELEV. (FT.)	UPSTREAM			DOWNSTREAM		
					NORTHING	EASTING	INVERT ELEV.	NORTHING	EASTING	INVERT ELEV.
A-1	36	50	ROUND CMP, POLYMER COATED	328.93	134950703.1	923206.32	323.79	13495100.68	923166.81	321.54
A-2	36	50	ROUND CMP, POLYMER COATED	328.93	13495066.17	923203.26	323.79	13495096.73	923163.75	321.54
B	24	35	ROUND STEEL (FROM SITE)	328.5	13495098.49	923250.05	324.4	13495064.14	923242.77	323.91

US Army Corps of Engineers®
Memphis District

MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION	DATE	APPR.

U.S. ARMY CORPS OF ENGINEERS
MEMPHIS DISTRICT
MEMPHIS, TENNESSEE

DESIGNED BY: N. Aleman
DATE: 2018/2/06
DWN BY: DBA
CKD BY: NEN
SOLICITATION NO.: W912EQ-18-R-XXXX
SUBMITTED BY: Cory H. Williams, P.E.
CONTRACT NO.: W912EQ-18-R-XXXX
PLOT SCALE: 1:1000
PLOT DATE: 2018/02/06
FILE NUMBER:
SIZE: ANSI D
FILE NAME: C-125_Commerce-Miles-5_Culvert-Details.dgn

MISCELLANEOUS RELIEF WELLS - ILLINOIS AND MISSOURI
ARMY CORPS OF ENGINEERS - MEMPHIS DISTRICT
SCOTT COUNTY / MISSISSIPPI COUNTY , MISSOURI
ALEXANDER COUNTY, ILLINOIS
BELOW COMMERCE MILE 5
CULVERT DETAILS

Sheet ID
C-125

auto_time

NOTES:

1. BELOW COMMERCE MISSOURI CAN BE ACCESSED FROM HWY N.
2. ROW LINE OBTAINED FROM HTTP://SCOTTGIS.COUNTYPORTAL.NET.
3. NEW AND EXISTING WELLS ARE SHOWN.

US Army Corps of Engineers®
Memphis District

MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION	DATE	APPR.

U.S. ARMY CORPS OF ENGINEERS
MEMPHIS DISTRICT
MEMPHIS, TENNESSEE

DESIGNED BY: N. Aleman
DWN BY: GBA
CKD BY: NEN
SUBMITTED BY: Cory H. Williams, P.E.
PLOT SCALE: 1" = 200'
PLOT DATE: 2018/06/06
DATE: 2018/2/06
SOLICITATION NO.: W912EQ-18-R-XXXX
CONTRACT NO.: W912EQ-18-A-XXXX
FILE NUMBER:
SIZE: ANSI D
FILE NAME: C-131_Commerce-Mile-15_Site-Plan.dgn

MISCELLANEOUS RELIEF WELLS - ILLINOIS AND MISSOURI
ARMY CORPS OF ENGINEERS - MEMPHIS DISTRICT
SCOTT COUNTY / MISSISSIPPI COUNTY , MISSOURI
ALEXANDER COUNTY, ILLINOIS
BELOW COMMERCE MILE 15 - OVERALL SITE PLAN

Sheet ID
C-131

auto_time

NOTES:

1. ALL WOODY VEGETATION (DIAMETER OF 2 INCHES OR MORE) SHALL BE CLEARED FROM WITHIN 40 FEET OF EXISTING AND PROPOSED RELIEF WELLS IN THE AREAS OF THE CONSTRUCTION EASEMENT BETWEEN STATION 14/38+23 AND STATION 15/31+70.
2. NO BURNING PERMITTED. DEBRIS SHALL BE HAULED OFFSITE OR PROCESSED AND GRADED ONSITE.
2. ALL WELLS SHOWN ON THIS SHEET ARE EXISTING AND NEW WELLS.
3. ROW LINE OBTAINED FROM HTTP://SCOTTGIS.COUNTYPORTAL.NET.

US Army Corps of Engineers®
Memphis District

MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION	DATE	APPR.

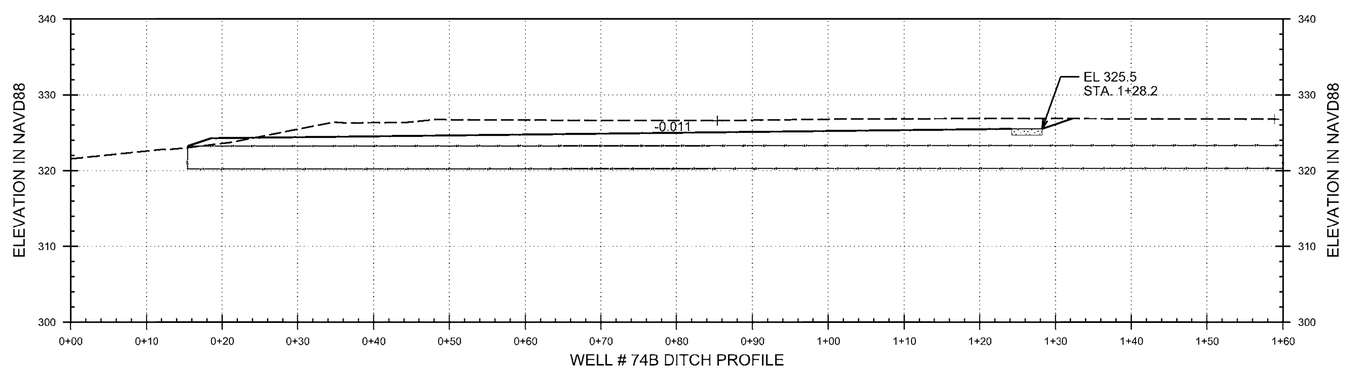
U.S. ARMY CORPS OF ENGINEERS
MEMPHIS DISTRICT
MEMPHIS, TENNESSEE

DESIGNED BY: N. Aleman
DWN BY: DBA
CKD BY: NEN
SUBMITTED BY: Cory H. Williams, P.E.
PLOT SCALE: 1" = 200'
PLOT DATE: 20200618
SIZE: ANSI D
FILE NAME: C-132_Commerce-Mile-5_Clearing-Grubbing.dgn
DATE: 2018/2/06
SOLICITATION NO.: W912EQ-18-R-XXXX
CONTRACT NO.: W912EQ-18-R-XXXX
FILE NUMBER:

MISCELLANEOUS RELIEF WELLS - ILLINOIS AND MISSOURI
ARMY CORPS OF ENGINEERS - MEMPHIS DISTRICT
SCOTT COUNTY / MISSISSIPPI COUNTY , MISSOURI
ALEXANDER COUNTY, ILLINOIS
BELOW COMMERCE MILE 15
CLEARING AND GRUBBING AREA

Sheet ID
C-132

SCOTT COUNTY, MO



0 10' 20'

NOTES:
1. SEE WELL TABLE ON SHEET G-008 FOR ELEVATIONS, COORDINATE LOCATIONS OF WELLS, AND DITCH ALIGNMENTS.
2. THE 36-INCH CULVERT UNDER HIGWAY N SHALL BE CLEARED OF ALL SOIL AND DEBRIS. THE DITCH AT THE INLET AND OUTLET OF THE CULVERT SHALL BE GRADED TO PREVENT FUTURE FUTURE CLOGGING OF THE CULVERT.
2. SEE SHEETS C-134 AND C-135 FOR CROSS SECTIONS.

US Army Corps of Engineers®
Memphis District

MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION	DATE	APPR.

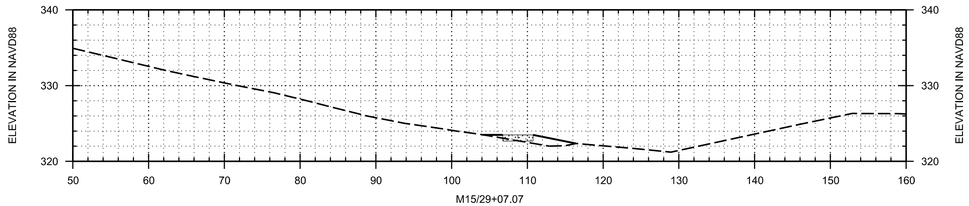
U.S. ARMY CORPS OF ENGINEERS
MEMPHIS DISTRICT
MEMPHIS, TENNESSEE

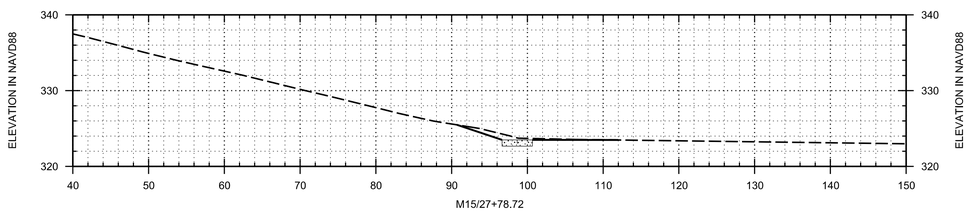
DESIGNED BY: N. Aleman
DWN BY: DBA
CKD BY: NEN
SUBMITTED BY: Cory H. Williams, P.E.
PLOT SCALE: 1:1
PLOT DATE: 2/20/2020
SIZE: ANSI D
FILE NAME: C-133_Commerce-Mile-15_P&P.dgn
DATE: 2018/2/06
SOLICITATION NO.: W912EQ-18-R-XXXX
CONTRACT NO.: W912EQ-18-R-XXXX
FILE NUMBER:

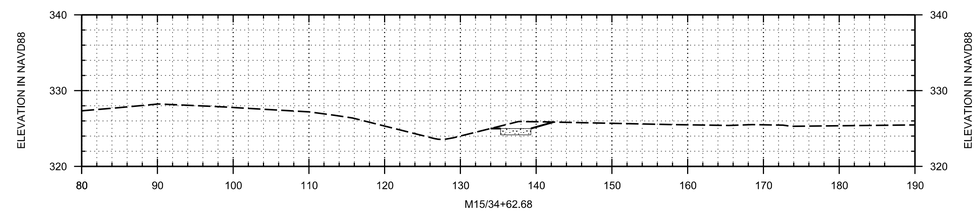
MISCELLANEOUS RELIEF WELLS - ILLINOIS AND MISSOURI
ARMY CORPS OF ENGINEERS - MEMPHIS DISTRICT
SCOTT COUNTY / MISSISSIPPI COUNTY , MISSOURI
ALEXANDER COUNTY, ILLINOIS
BELOW COMMERCE MILE 15 - PLAN AND PROFILE

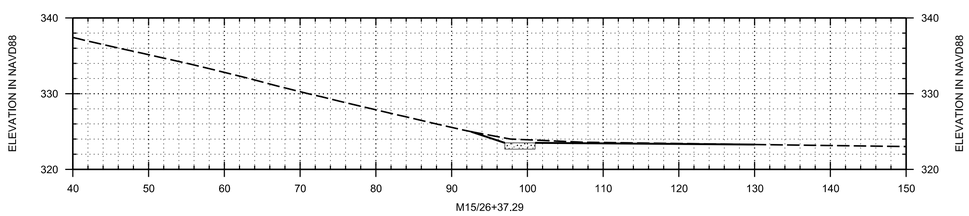
Sheet ID
C-133

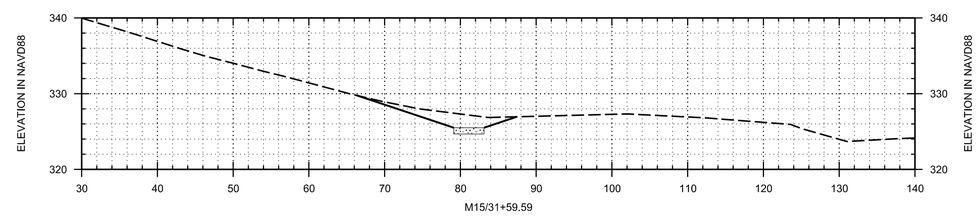
auto_time

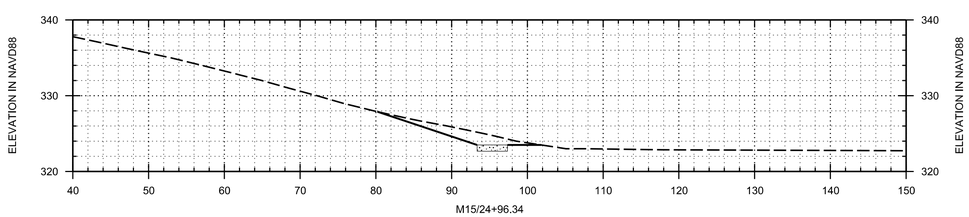


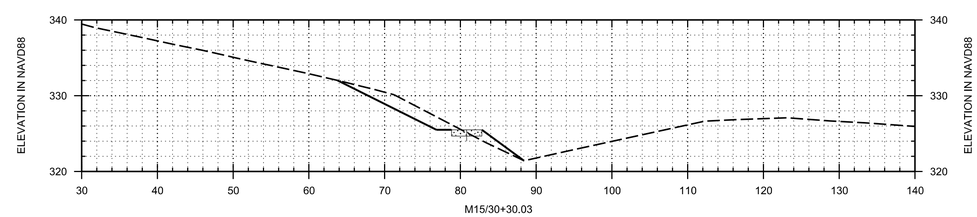












US Army Corps of Engineers®
Memphis District

MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION	DATE	APPR.

U.S. ARMY CORPS OF ENGINEERS
MEMPHIS DISTRICT
MEMPHIS, TENNESSEE

DESIGNED BY: N. Aleman
DWN BY: DBA
CKD BY: NEN
SUBMITTED BY: Cory H. Williams, P.E.
PLOT SCALE: 1:1
PLOT DATE: 20200918
DATE: 2018/2/06
SOLICITATION NO.: W912EQ-18-R-XXXX
CONTRACT NO.: W912EQ-18-R-XXXX
FILE NUMBER:
SIZE: ANSI D
FILE NAME: C010_Commerce-Mile-15_Sections.dgn

MISCELLANEOUS RELIEF WELLS - ILLINOIS AND MISSOURI
ARMY CORPS OF ENGINEERS - MEMPHIS DISTRICT
SCOTT COUNTY / MISSISSIPPI COUNTY , MISSOURI
ALEXANDER COUNTY, ILLINOIS
DITCH "C"
CROSS SECTIONS

Sheet ID
C-134

auto_time

US Army Corps of Engineers®
Memphis District

MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION	DATE	APPR.

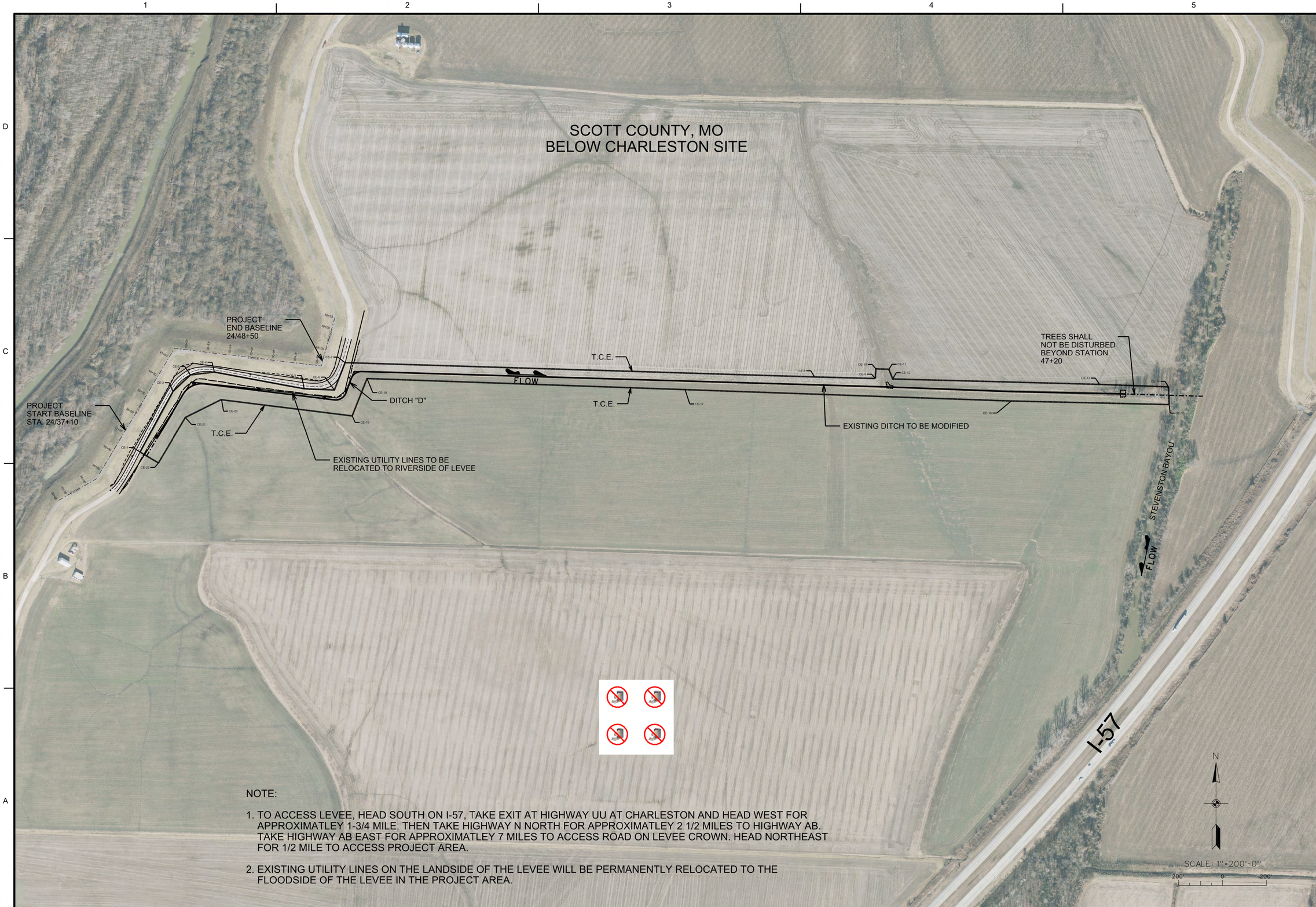
U.S. ARMY CORPS OF ENGINEERS
MEMPHIS DISTRICT
MEMPHIS, TENNESSEE

DESIGNED BY: N. Aleman
DATE: 2018/2/06
DWN BY: DBA
CKD BY: NEN
SOLICITATION NO.: W912EQ-18-R-XXXX
SUBMITTED BY: Cory H. Williams, P.E.
CONTRACT NO.: W912EQ-18-R-XXXX
PLOT SCALE: 1" = 5'
PLOT DATE: 2/6/2018
FILE NUMBER:
SIZE: ANSI D
FILE NAME: C-010_Commerce-Mile-15_Sections.dgn

MISCELLANEOUS RELIEF WELLS - ILLINOIS AND MISSOURI
ARMY CORPS OF ENGINEERS - MEMPHIS DISTRICT
SCOTT COUNTY / MISSISSIPPI COUNTY , MISSOURI
ALEXANDER COUNTY, ILLINOIS
DITCH "C"
CROSS SECTIONS

Sheet ID
C-135

auto_time



NOTE:

1. TO ACCESS LEVEE, HEAD SOUTH ON I-57, TAKE EXIT AT HIGHWAY UU AT CHARLESTON AND HEAD WEST FOR APPROXIMATLEY 1-3/4 MILE, THEN TAKE HIGHWAY N NORTH FOR APPROXIMATLEY 2 1/2 MILES TO HIGHWAY AB. TAKE HIGHWAY AB EAST FOR APPROXIMATLEY 7 MILES TO ACCESS ROAD ON LEVEE CROWN. HEAD NORTHEAST FOR 1/2 MILE TO ACCESS PROJECT AREA.

2. EXISTING UTILITY LINES ON THE LANDSIDE OF THE LEVEE WILL BE PERMANENTLY RELOCATED TO THE FLOODSIDE OF THE LEVEE IN THE PROJECT AREA.

US Army Corps of Engineers®
Memphis District

MARK	DESCRIPTION	DATE	APPR.

MARK	DESCRIPTION	DATE	APPR.

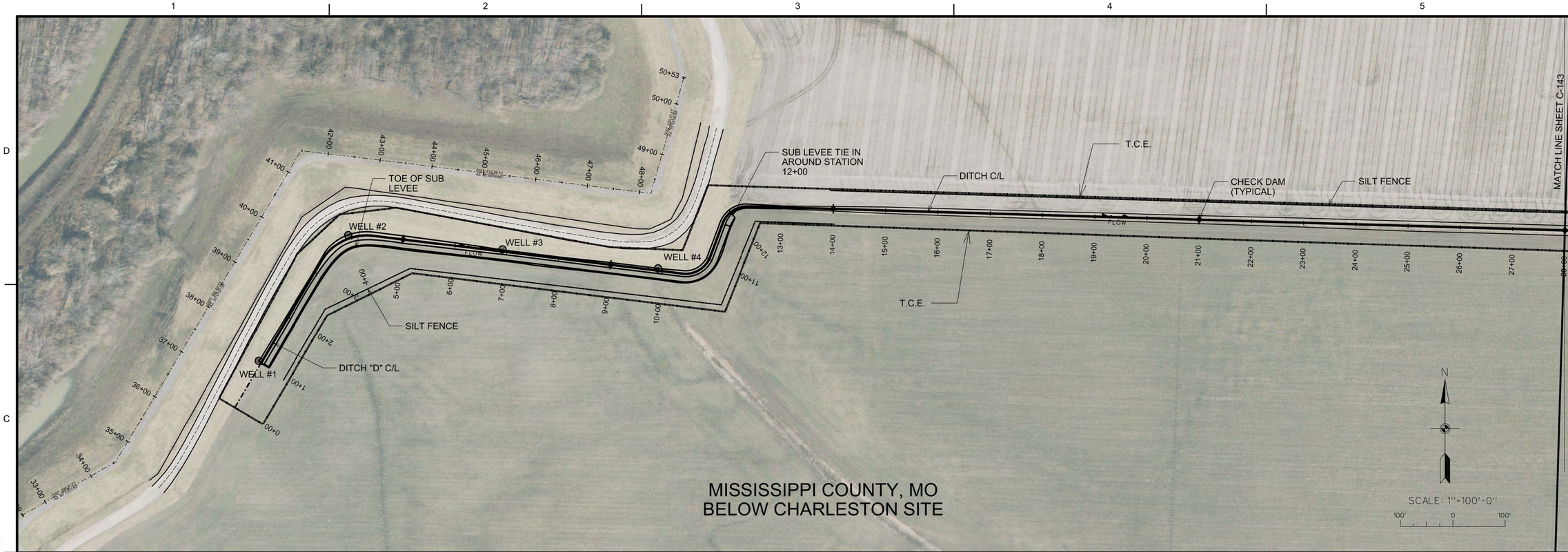
U.S. ARMY CORPS OF ENGINEERS
MEMPHIS DISTRICT
MEMPHIS, TENNESSEE

DESIGNED BY: N. Aleman
DWN BY: DBA
CKD BY: NEN
SUBMITTED BY: Cory H. Williams, P.E.
PLOT SCALE: 1:1
PLOT DATE: 2018/02/06
DATE: 2018/2/06
SOLICITATION NO.: W912EQ-18-R-XXXX
CONTRACT NO.: W912EQ-18-R-XXXX
FILE NUMBER:
SIZE: ANSI D
FILE NAME: C-141_Below-Charleston_SitePlan

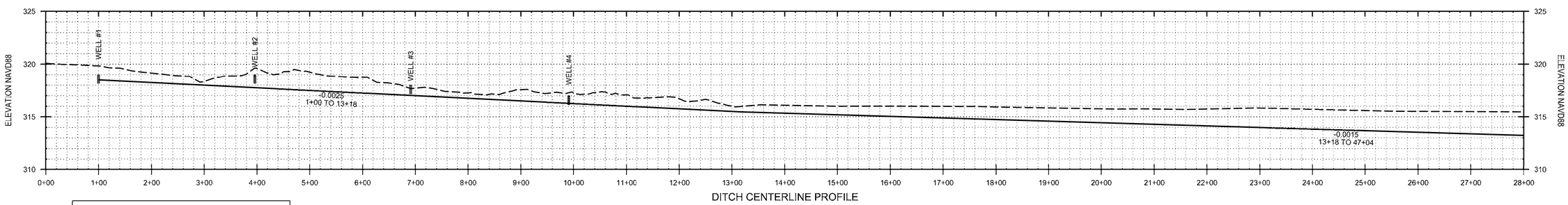
MISCELLANEOUS RELIEF WELLS -
ILLINOIS AND MISSOURI
ARMY CORPS OF ENGINEERS - MEMPHIS DISTRICT
SCOTT COUNTY / MISSISSIPPI COUNTY, MISSOURI
ALEXANDER COUNTY, ILLINOIS
BELOW CHARLESTON
OVERALL SITE PLAN & WELL LOCATIONS

Sheet ID
C-141

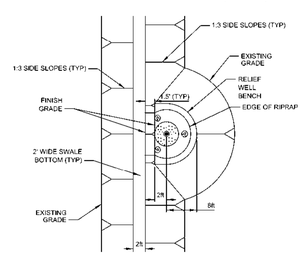
outo_time



PLAN VIEW

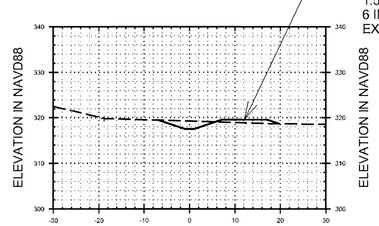


TYPICAL WELL WITH DITCH BELOW CHARLESTON AREA (N.T.S.)

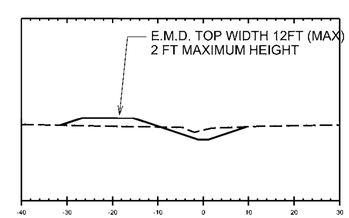


NOTE:

1. ENSURE POSITIVE DRAINAGE TOWARD THE SWALE.
2. R-90 RIPRAP TO BE PLACED ON FILTER FABRIC SURROUNDING THE WELL PAD.



TYPICAL SECTION FROM 1+00 TO 12+00 (AT 5+00) N.T.S.



TYPICAL E.M.D. FROM 14+00 TO 35+00 (AT 27+00) N.T.S.

NOTES:
1. ALL CUT AND FILL SLOPES SHALL BE 1V:3H.
2. DITCH "D" BOTTOM WIDTH IS 2 FT THROUGHOUT PROJECT EXTENTS.
3. SEE WELL TABLE ON SHEET G-008 FOR ELEVATIONS AND COORDINATE LOCATIONS OF WELLS.
4. EXCAVATED MATERIAL THAT IS NOT USED SHALL BE LEFT IN E.M.D. COORDINATE WITH LEVEE SPONSOR AND FARMER TO HAVE MATERIAL MOVED PRIOR TO SEEDING.
5. SEE SHEETS C-144 TO C-149 FOR CROSS-SECTIONS.

US Army Corps of Engineers®
Memphis District

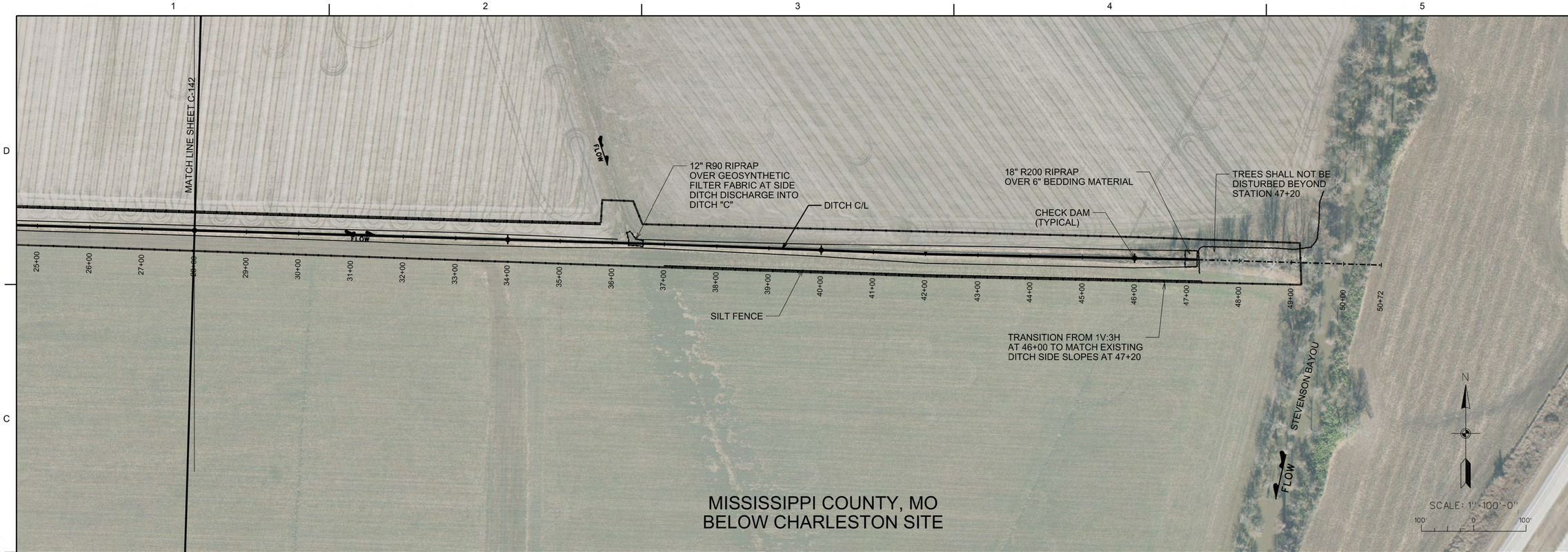
MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION	DATE	APPR.

U.S. ARMY CORPS OF ENGINEERS
MEMPHIS DISTRICT
MEMPHIS, TENNESSEE

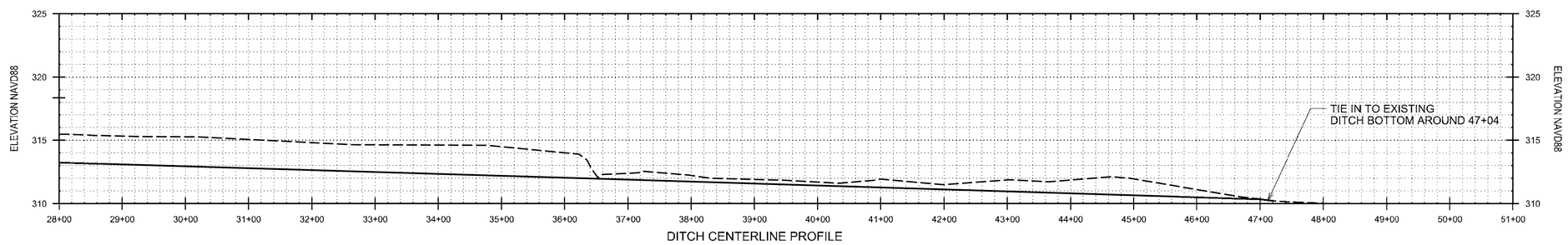
DESIGNED BY: N. Aleman
DWN BY: DBA
CKD BY: NEN
SUBMITTED BY: Cory H. Williams, P.E.
PLOT SCALE: 1" = 100'
PLOT DATE: 2016/06/06
DATE: 2016/2/06
SOLICITATION NO.: W912EQ-16-R-XXXX
CONTRACT NO.: W912EQ-16-R-XXXX
FILE NUMBER:
SIZE: ANSI D
FILE NAME: C-142_Below-Charleston_P&P.dgn

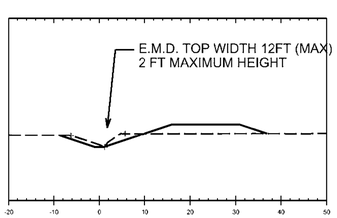
MISCELLANEOUS RELIEF WELLS - ILLINOIS AND MISSOURI
ARMY CORPS OF ENGINEERS - MEMPHIS DISTRICT
SCOTT COUNTY / MISSISSIPPI COUNTY , MISSOURI
ALEXANDER COUNTY, ILLINOIS
BELOW CHARLESTON - PLAN AND PROFILE
DITCH "D"

Sheet ID
C-142



PLAN VIEW





TYPICAL E.M.D. FROM 37+00 TO 47+00
(AT 38+00) N.T.S.

NOTES:
1. ALL CUT SLOPES SHALL BE 1V:3H.
2. DITCH "D" BOTTOM WIDTH IS 2 FT THROUGHOUT PROJECT EXTENTS.
3. SEE WELL TABLE ON SHEET G-008 FOR ELEVATIONS AND COORDINATE LOCATIONS OF WELLS.
4. EXCAVATED MATERIAL THAT IS NOT USED SHALL BE LEFT IN E.M.D. COORDINATE WITH LEVEE SPONSOR AND FARMER TO HAVE MATERIAL MOVED PRIOR TO SEEDING.
5. SEE SHEETS C-144 TO C-149 FOR CROSS-SECTIONS.

US Army Corps of Engineers®
Memphis District

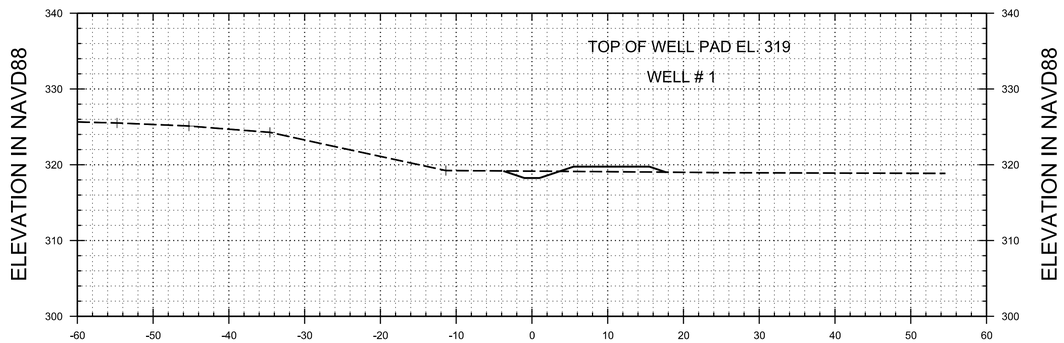
MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION	DATE	APPR.

U.S. ARMY CORPS OF ENGINEERS
MEMPHIS DISTRICT
MEMPHIS, TENNESSEE

DESIGNED BY: N. Aleman
DATE: 2016/2/06
DWN BY: DBA
CKD BY: NEN
SOLICITATION NO.: W912EQ-16-R-XXXX
SUBMITTED BY: Cory H. Williams, P.E.
CONTRACT NO.: W912EQ-16-R-XXXX
PLOT SCALE: 1" = 100'
PLOT DATE: 2/2/2016
FILE NUMBER:
SIZE: ANSI D
FILE NAME: C-143_Below-Charleston_PMP.dgn

MISCELLANEOUS RELIEF WELLS - ILLINOIS AND MISSOURI
ARMY CORPS OF ENGINEERS - MEMPHIS DISTRICT
SCOTT COUNTY / MISSISSIPPI COUNTY , MISSOURI
ALEXANDER COUNTY, ILLINOIS
BELOW CHARLESTON - PLAN AND PROFILE
DITCH "D"

Sheet ID
C-143



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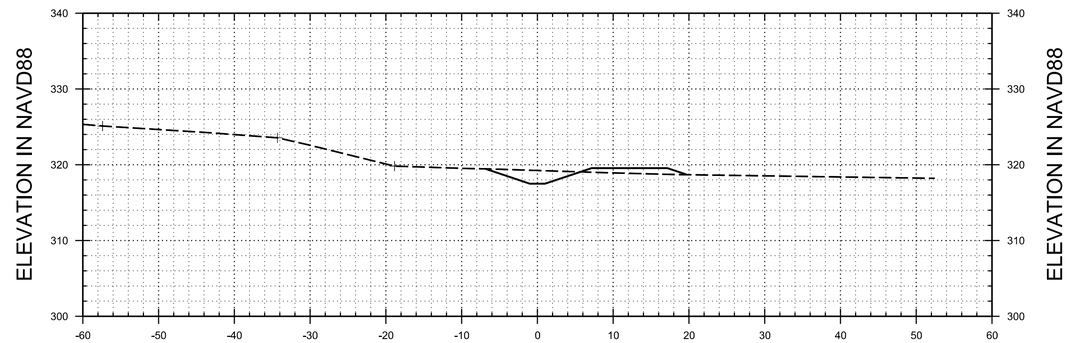

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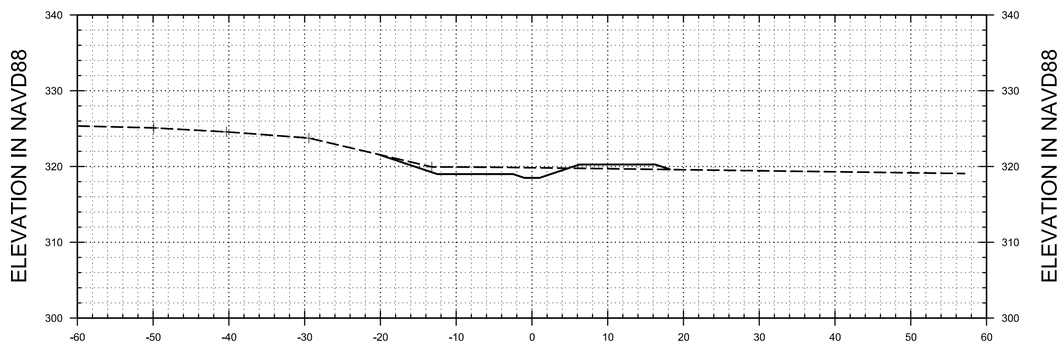
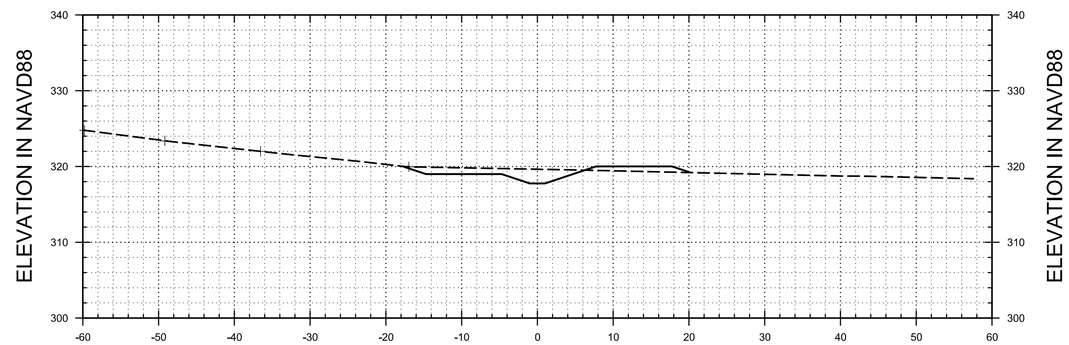


1+00



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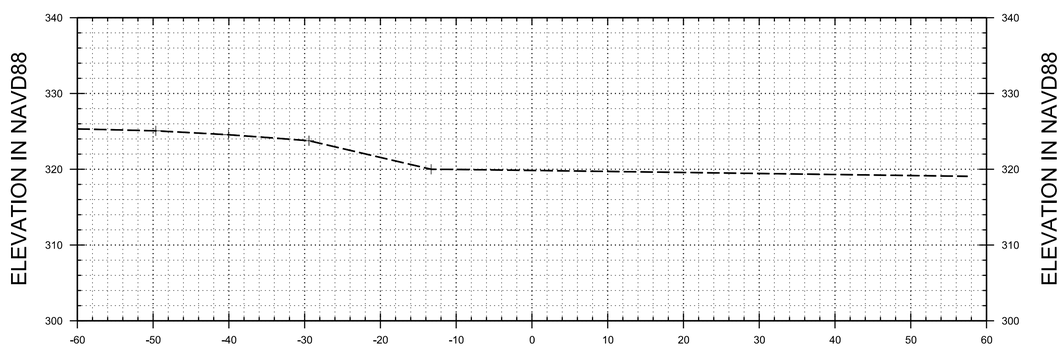

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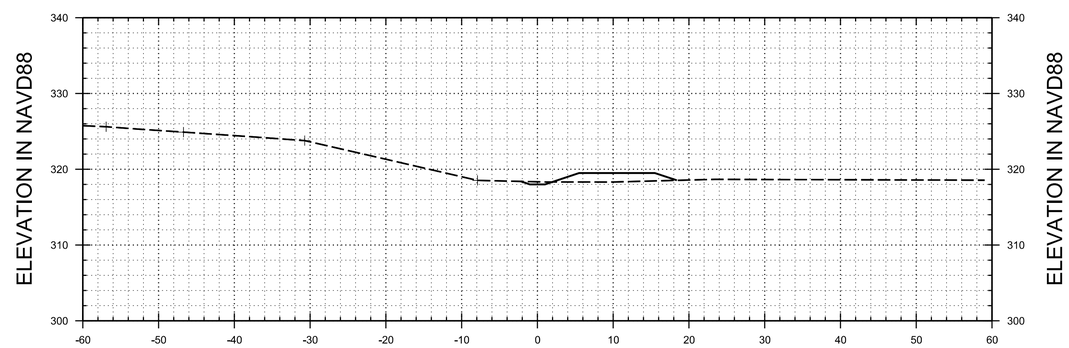


3+00

US Army Corps of Engineers®
Memphis District

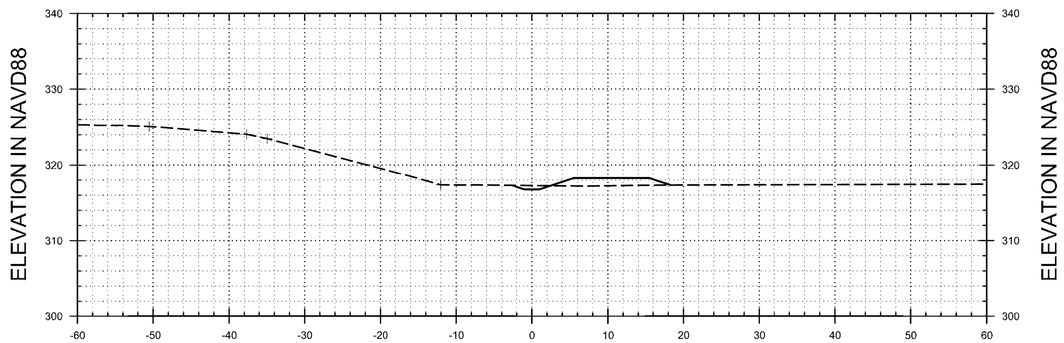
MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION	DATE	APPR.

U.S. ARMY CORPS OF ENGINEERS
MEMPHIS DISTRICT
MEMPHIS, TENNESSEE

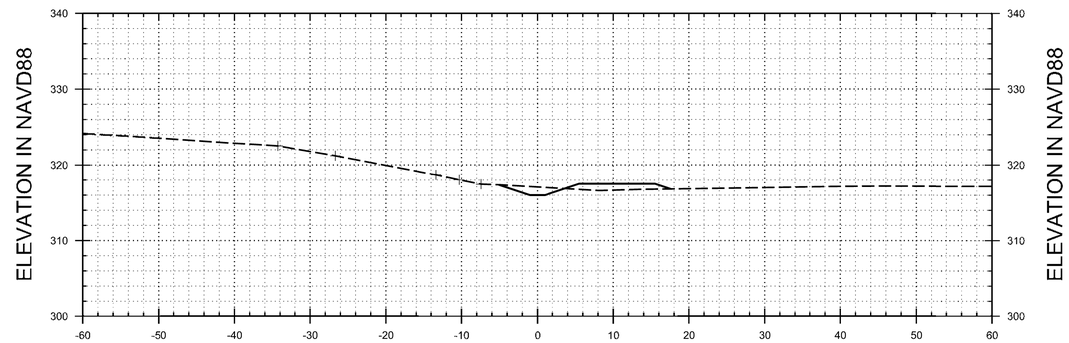
DESIGNED BY: N. Aleman
DATE: 2018/2/06
DWN BY: DBA
CKD BY: NEN
SOLICITATION NO.: W912EQ-18-R-XXXX
SUBMITTED BY: Cory H. Williams, P.E.
CONTRACT NO.: W912EQ-18-R-XXXX
PLOT SCALE: 1" = 10' VERIFY SCALE BAR IS ACCURATE
PLOT DATE: 2018/2/07
FILE NUMBER:
SIZE: ANSI D
FILE NAME: C-144_Below-Charleston_Sections.dgn

MISCELLANEOUS RELIEF WELLS -
ILLINOIS AND MISSOURI
ARMY CORPS OF ENGINEERS - MEMPHIS DISTRICT
SCOTT COUNTY / MISSISSIPPI COUNTY , MISSOURI
ALEXANDER COUNTY, ILLINOIS
CROSS SECTIONS - WELL #1
DITCH "D" STA. 0+96 TO 5+00

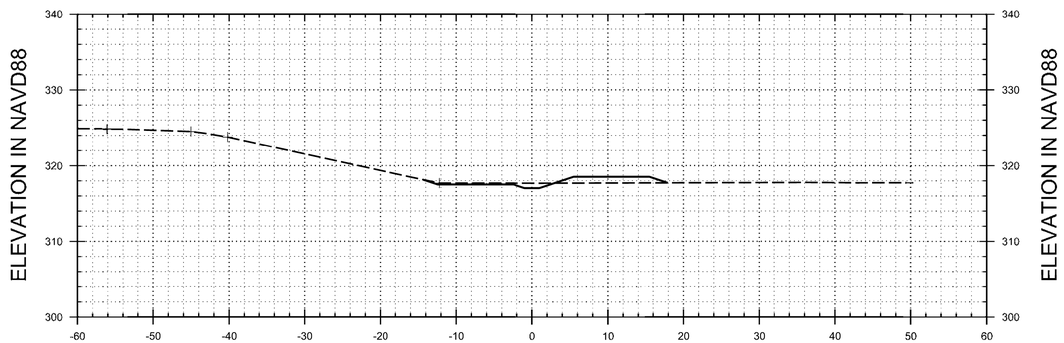
Sheet ID
C-144



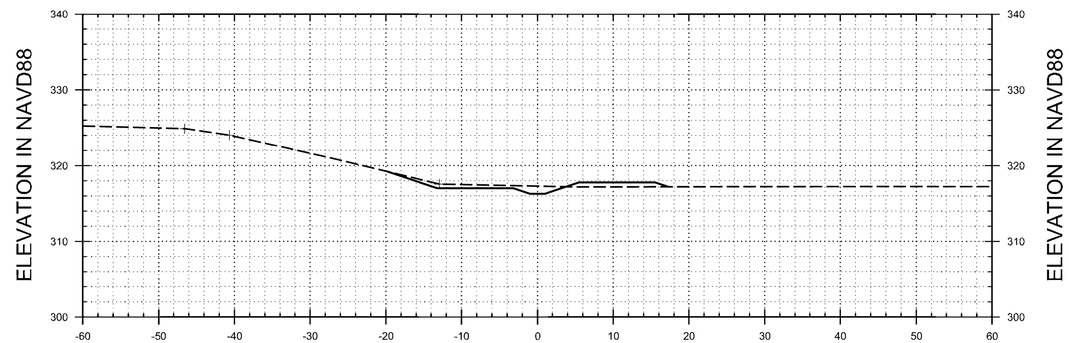
8+00



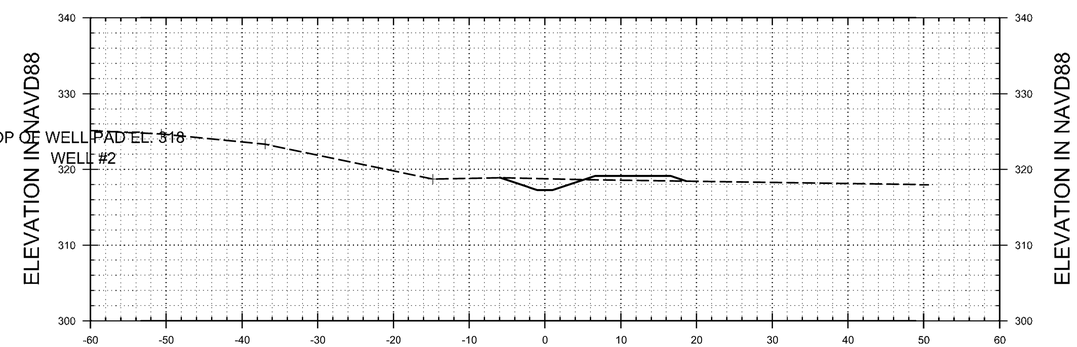
11+00



6+91

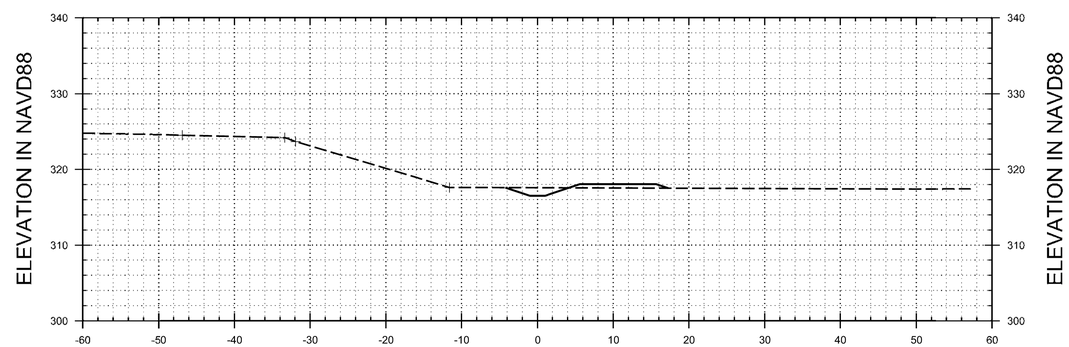


9+91



TOP OF WELL PAD EL. 318
WELL #2

6+00



9+00

US Army Corps of Engineers®
Memphis District

MARK	DESCRIPTION	DATE	APPR.

MARK	DESCRIPTION	DATE	APPR.

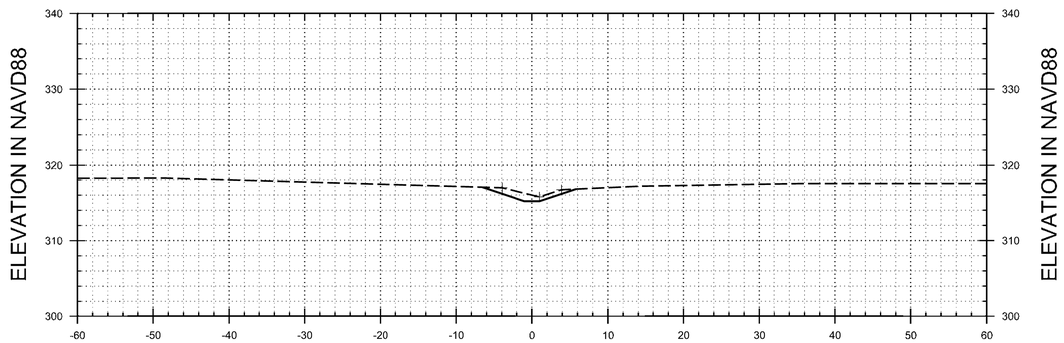
U.S. ARMY CORPS OF ENGINEERS
MEMPHIS DISTRICT
MEMPHIS, TENNESSEE

DESIGNED BY: N. Alleman
DATE: 2016/2/06
DWN BY: DBA
CKD BY: NEN
SOLICITATION NO.: W912EQ-16-R-XXXX
SUBMITTED BY: Cory H. Williams, P.E.
CONTRACT NO.: W912EQ-16-R-XXXX
PLOT SCALE: 1" = 10'
PLOT DATE: 2/06/2016
FILE NUMBER:
SIZE: ANSI D
FILE NAME: C-145_Below-Charleston_Sections.dgn

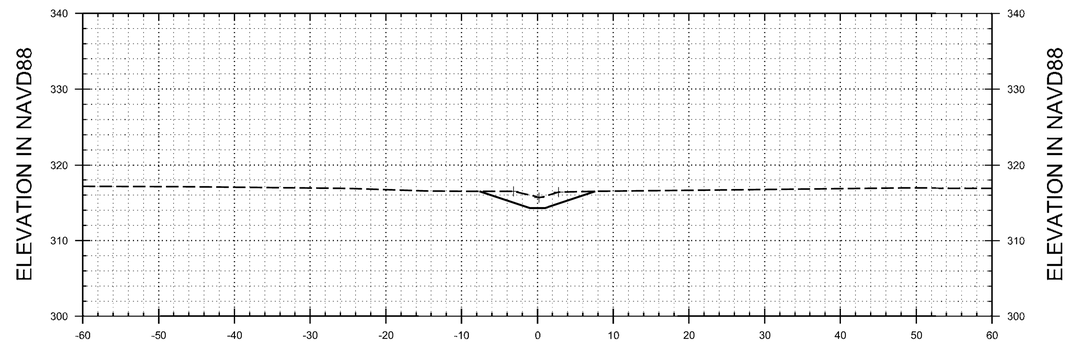
MISCELLANEOUS RELIEF WELLS - ILLINOIS AND MISSOURI
ARMY CORPS OF ENGINEERS - MEMPHIS DISTRICT
SCOTT COUNTY / MISSISSIPPI COUNTY , MISSOURI
ALEXANDER COUNTY, ILLINOIS
CROSS SECTIONS - WELL #2 AND WELL #3
DITCH "D" STA. 6+00 TO STA. 11+00

Sheet ID
C-145

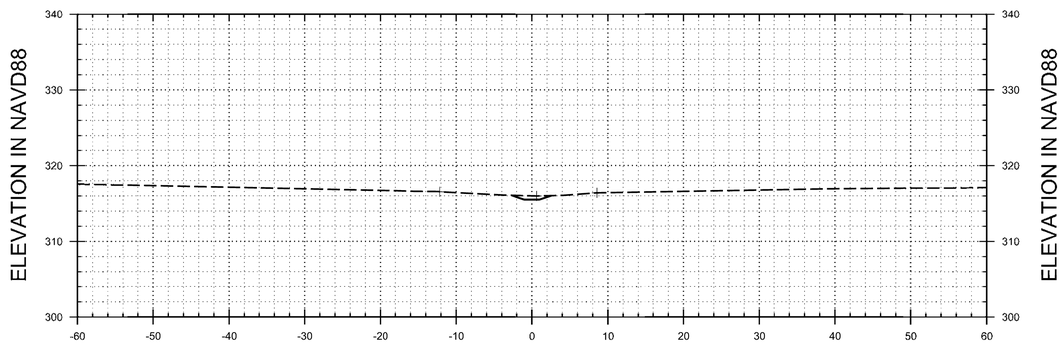
auto_time



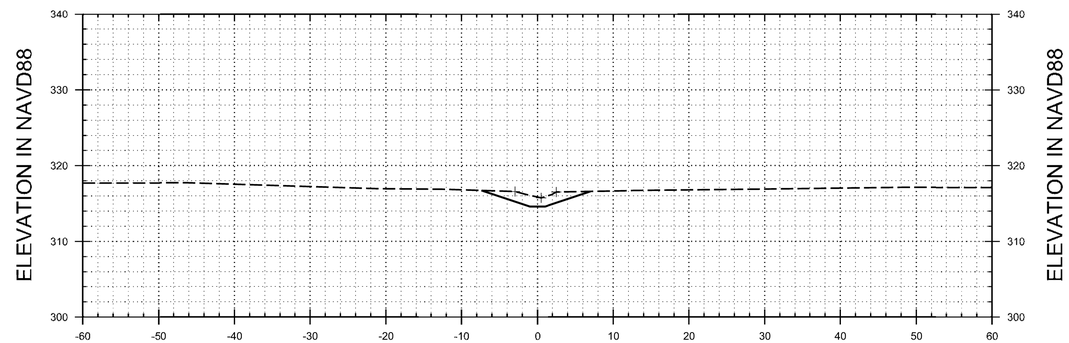
15+00



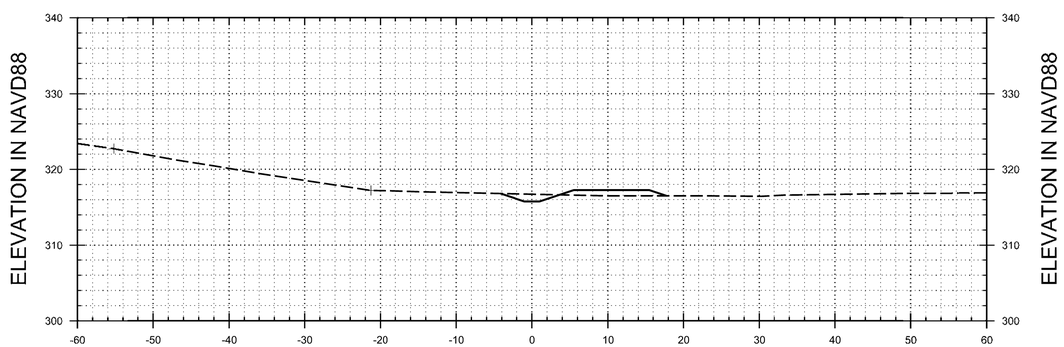
21+00



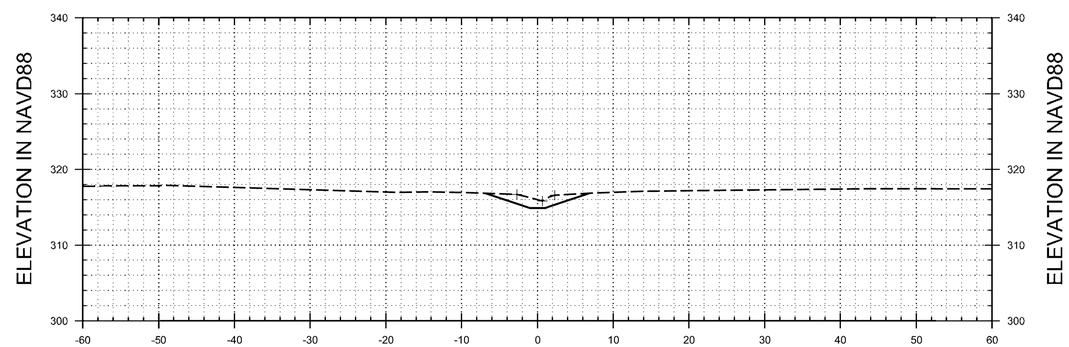
13+00



19+00



12+00



17+00

US Army Corps of Engineers®
Memphis District

MARK	DESCRIPTION	DATE	APPR.

MARK	DESCRIPTION	DATE	APPR.

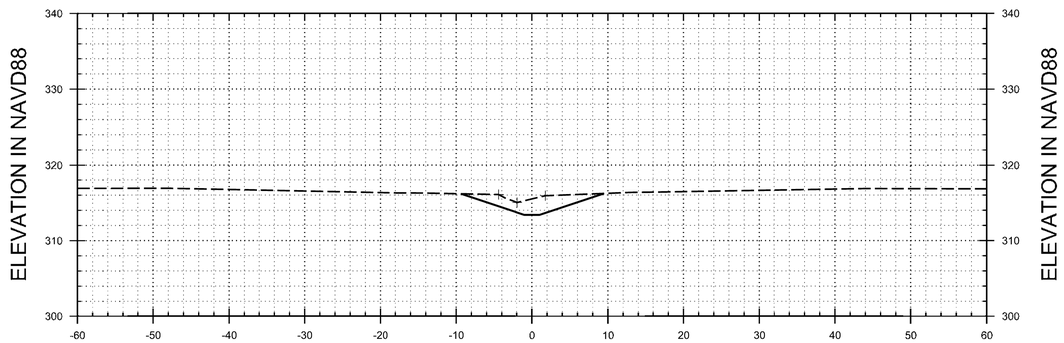
U.S. ARMY CORPS OF ENGINEERS
MEMPHIS DISTRICT
MEMPHIS, TENNESSEE

DESIGNED BY: N. Aleman
DATE: 2016/2/06
DWN BY: DBA
CKD BY: NEN
SOLICITATION NO.: W912EQ-16-R-XXXX
SUBMITTED BY: Cory H. Williams, P.E.
CONTRACT NO.: W912EQ-16-R-XXXX
PLOT SCALE: 1" = 10'
PLOT DATE: 2/06/2016
FILE NUMBER:
SIZE: ANSI D
FILE NAME: C-146_Below-Charleston_Sections.dgn

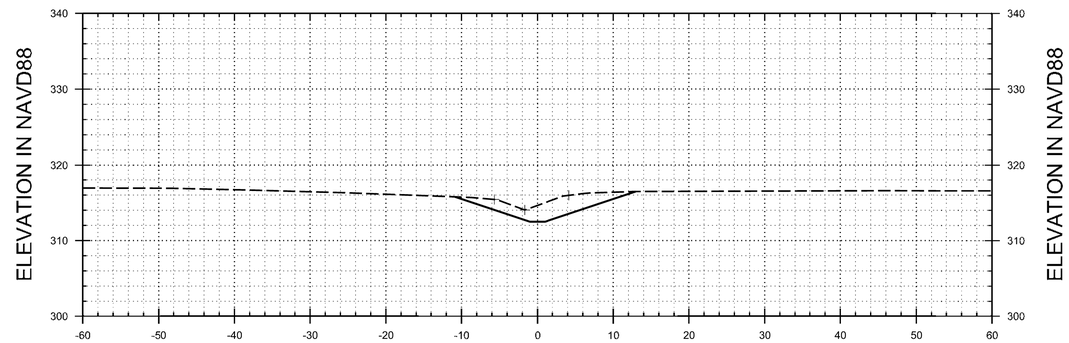
MISCELLANEOUS RELIEF WELLS -
ILLINOIS AND MISSOURI
ARMY CORPS OF ENGINEERS - MEMPHIS DISTRICT
SCOTT COUNTY / MISSISSIPPI COUNTY , MISSOURI
ALEXANDER COUNTY, ILLINOIS
CROSS SECTIONS - WELL #4
DITCH "D" STA. 12+00 TO STA. 21+00

Sheet ID
C-146

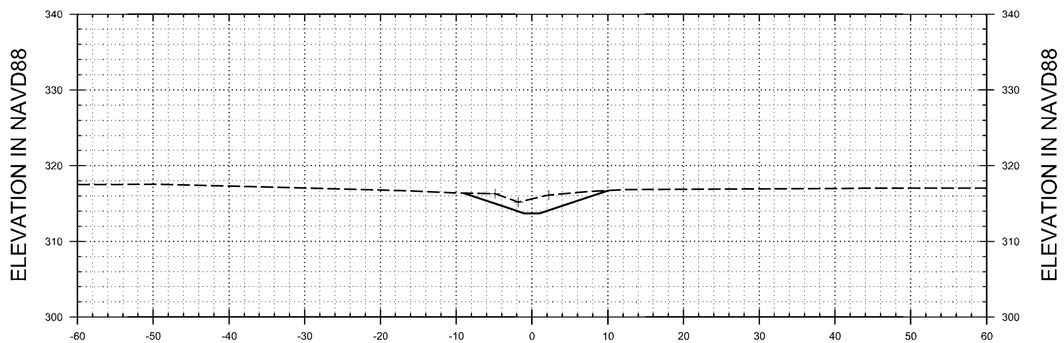
auto_time



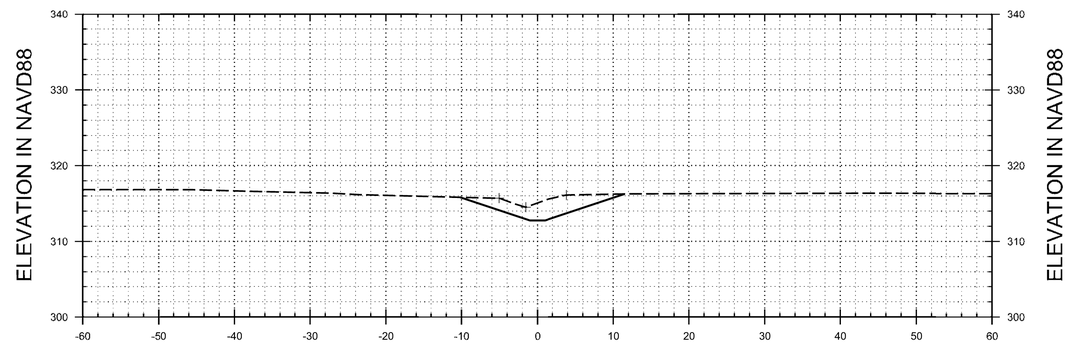
27+00



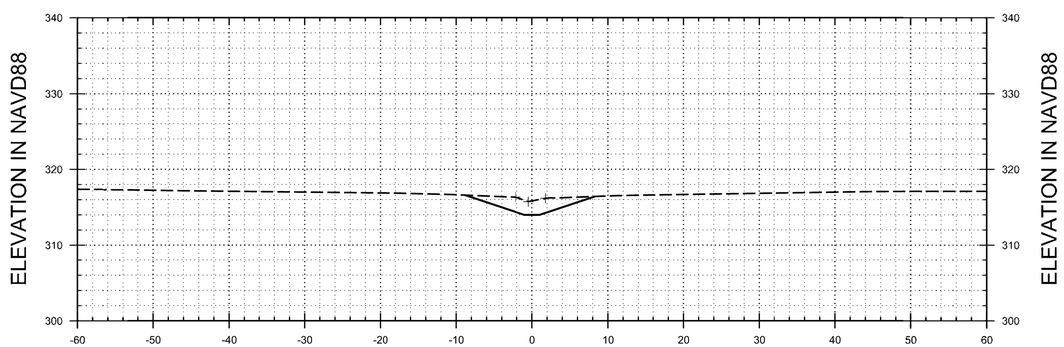
33+00



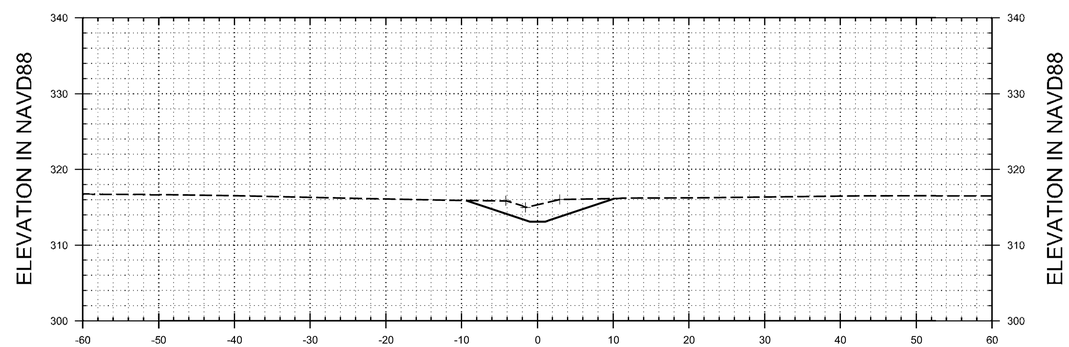
25+00



31+00



23+00



29+00

US Army Corps of Engineers®
Memphis District

MARK	DESCRIPTION	DATE	APPR.

MARK	DESCRIPTION	DATE	APPR.

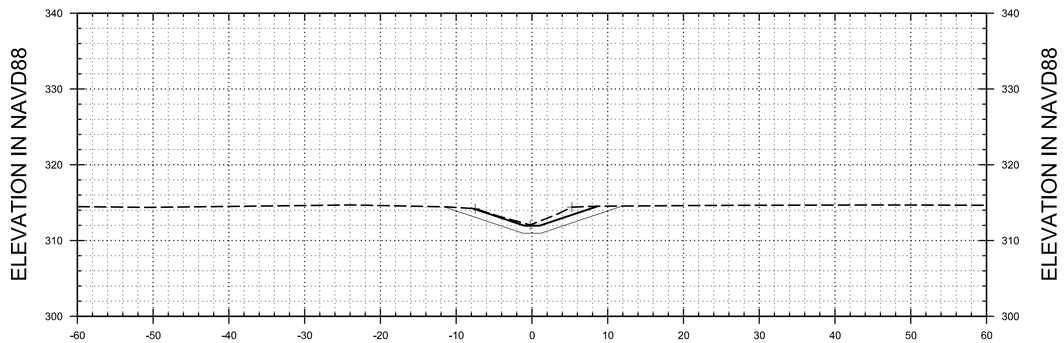
U.S. ARMY CORPS OF ENGINEERS
MEMPHIS DISTRICT
MEMPHIS, TENNESSEE

DESIGNED BY: N. Aleman
DATE: 2016/2/06
DWN BY: DBA
CKD BY: NEN
SOLICITATION NO.: W912EQ-16-R-XXXX
SUBMITTED BY: Cory H. Williams, P.E.
CONTRACT NO.: W912EQ-16-R-XXXX
PLOT SCALE: 1" = 10'
PLOT DATE: 2/06/2016
FILE NUMBER:
SIZE: ANSI D
FILE NAME: C-147_Below-Commerce_Sections.dgn

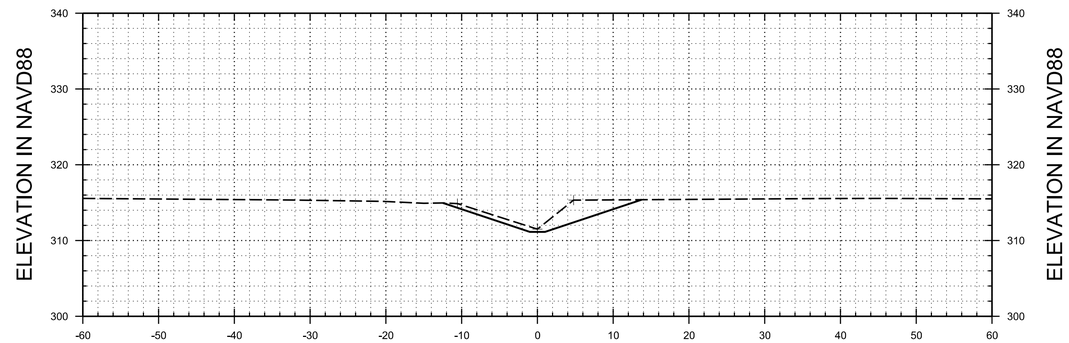
MISCELLANEOUS RELIEF WELLS -
ILLINOIS AND MISSOURI
ARMY CORPS OF ENGINEERS - MEMPHIS DISTRICT
SCOTT COUNTY / MISSISSIPPI COUNTY , MISSOURI
ALEXANDER COUNTY, ILLINOIS
CROSS SECTIONS -
DITCH "D" STA. 23+00 TO 33+00

Sheet ID
C-147

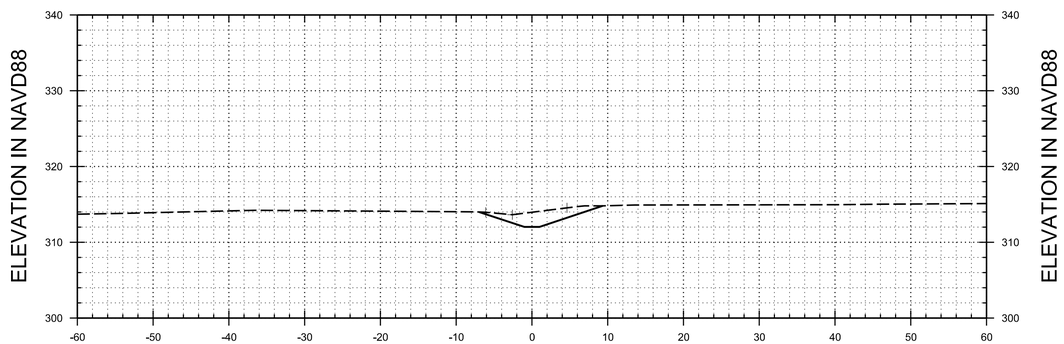
auto_time



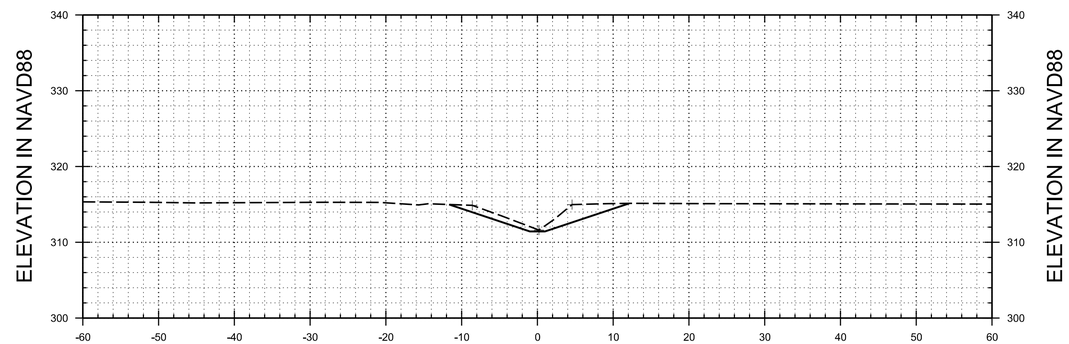
36+51



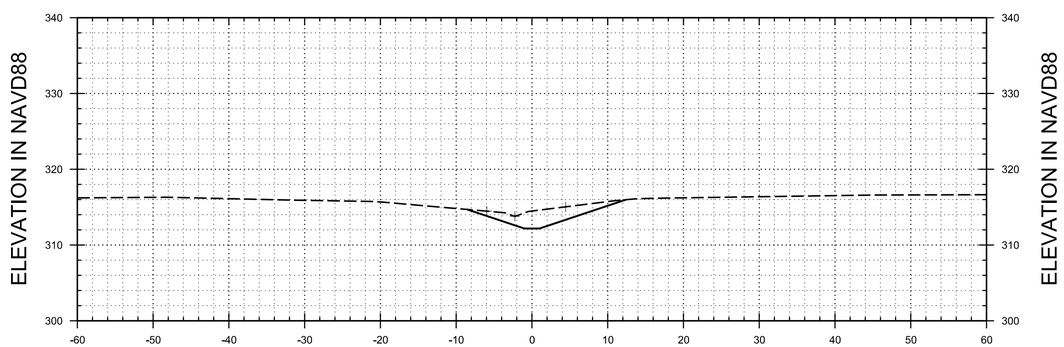
42+00



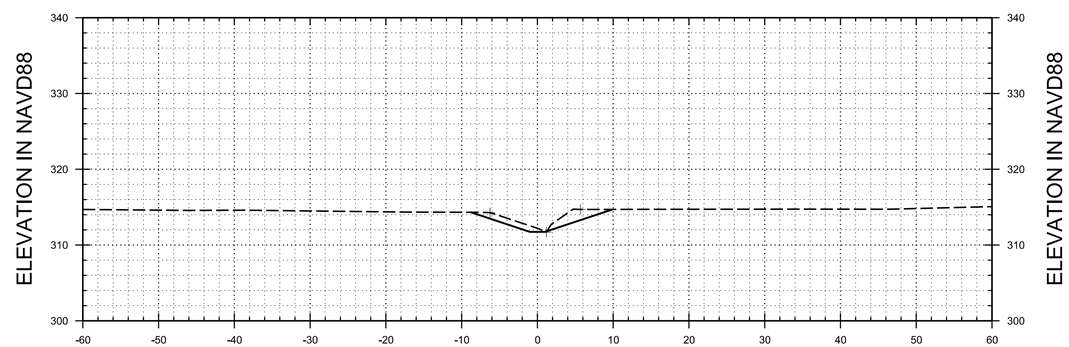
36+10



40+00



35+00



38+00

US Army Corps of Engineers®
Memphis District

MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION	DATE	APPR.

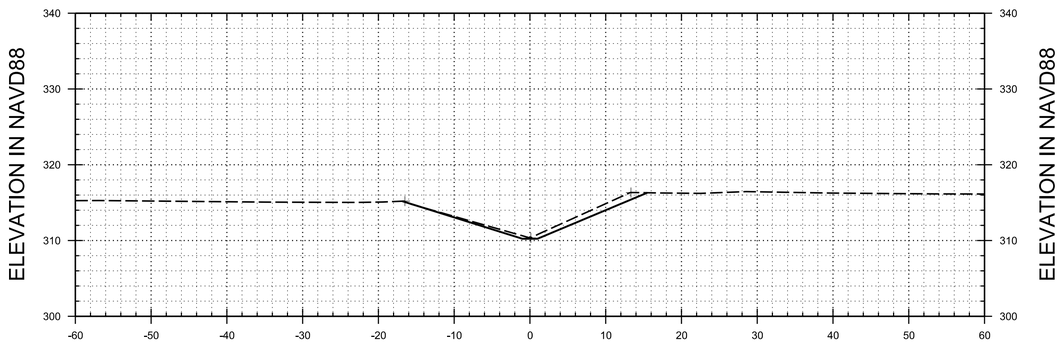
U.S. ARMY CORPS OF ENGINEERS
MEMPHIS DISTRICT
MEMPHIS, TENNESSEE

DESIGNED BY: N. Aleman
DWN BY: DBA
CKD BY: NEN
SUBMITTED BY: Cory R. Williams, P.E.
PLOT SCALE: 1" = 10'
PLOT DATE: 20190108
SIZE: ANSI D
DATE: 2019/02/06
SOLICITATION NO.: W912EQ-18-R-XXXX
CONTRACT NO.: W912EQ-18-R-XXXX
FILE NUMBER:
FILE NAME: C-148_Below-Commerce_Sections.dgn

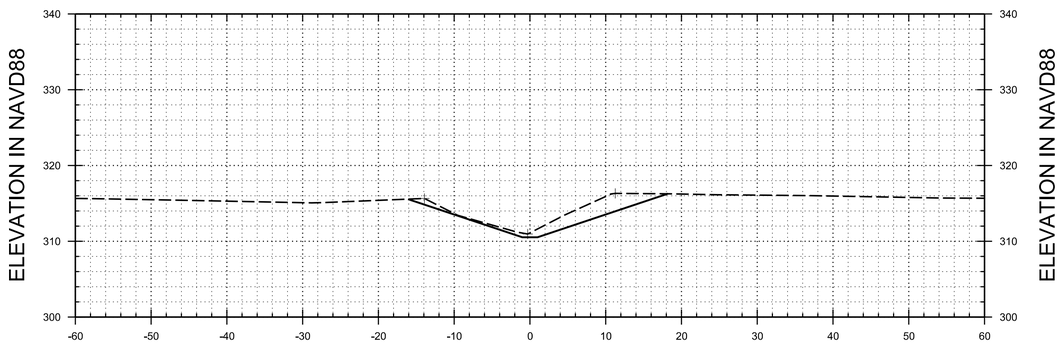
MISCELLANEOUS RELIEF WELLS - ILLINOIS AND MISSOURI
ARMY CORPS OF ENGINEERS - MEMPHIS DISTRICT
SCOTT COUNTY / MISSISSIPPI COUNTY , MISSOURI
ALEXANDER COUNTY, ILLINOIS
CROSS SECTIONS
DITCH "D" STA. 35+00 TO STA. 42+00

Sheet ID
C-148

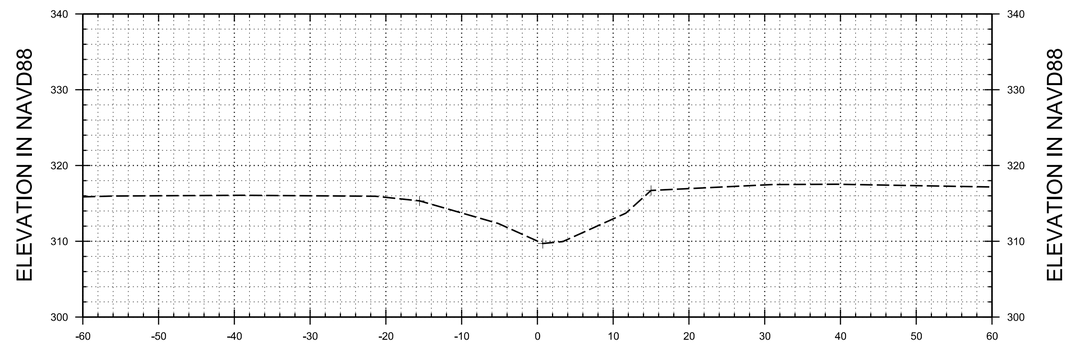
auto_time



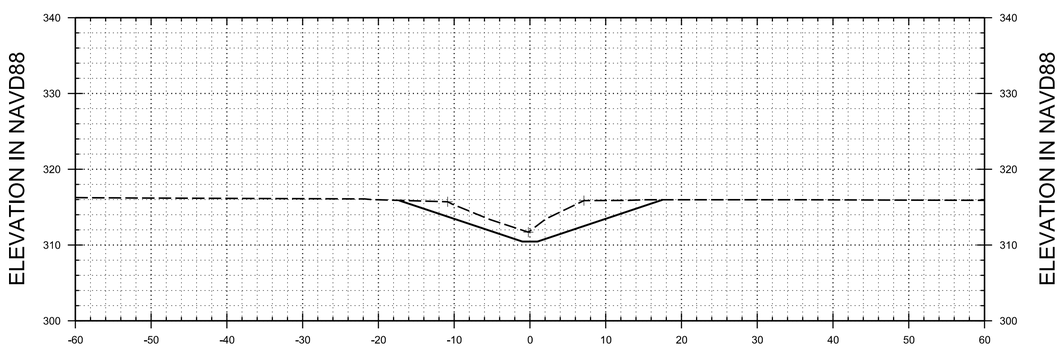
47+00



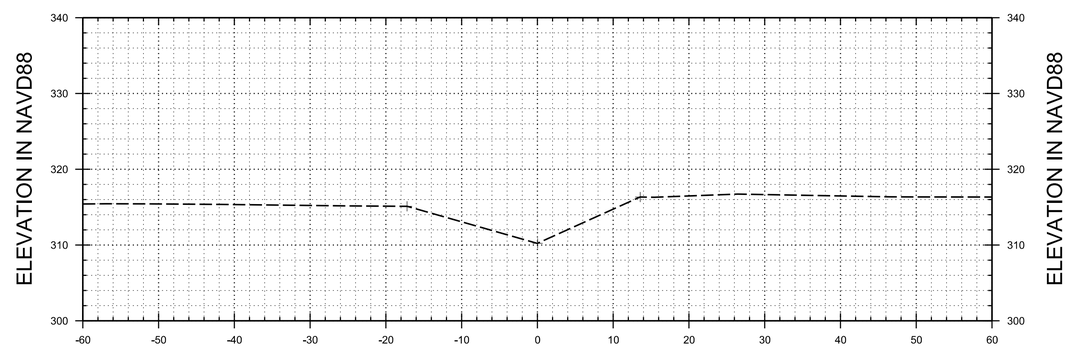
46+00



48+00



44+00



47+20

US Army Corps of Engineers®
Memphis District

MARK	DESCRIPTION	DATE	APPR.

MARK	DESCRIPTION	DATE	APPR.

U.S. ARMY CORPS OF ENGINEERS
MEMPHIS DISTRICT
MEMPHIS, TENNESSEE

DESIGNED BY: N. Aleman
DWN BY: DBA
CKD BY: NEN
SUBMITTED BY: Cory R. Williams, P.E.
PLOT SCALE: 1" = 10'
PLOT DATE: 2/19/2026
SIZE: ANSI D
DATE: 2019/2/06
SOLICITATION NO.: W912EQ-18-R-XXXX
CONTRACT NO.: W912EQ-18-R-XXXX
FILE NUMBER:
FILE NAME: C-149_Below-Charleston.dgn

MISCELLANEOUS RELIEF WELLS - ILLINOIS AND MISSOURI
ARMY CORPS OF ENGINEERS - MEMPHIS DISTRICT
SCOTT COUNTY / MISSISSIPPI COUNTY , MISSOURI
ALEXANDER COUNTY, ILLINOIS
CROSS SECTIONS
DITCH "D" STA. 44+00 TO STA. 48+00

Sheet ID
C-149

auto_time