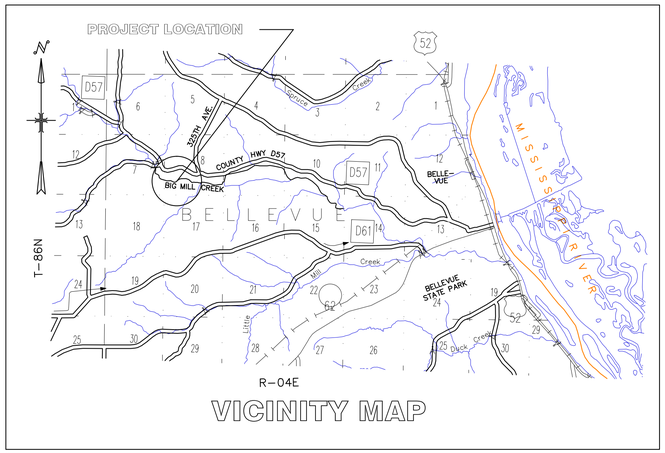
IOWA DEPARTMENT OF NATURAL RESOURCES

CONSTRUCTION PLANS FOR BIG MILL CREEK

JACKSON COUNTY

STREAM BANK RESTORATION
PROJECT NO. 12-06-49-01



VICINITY MAP

LOCATION MAP

DIRECTORY

PROJECT MANAGER		CONSTRUCTION INSPECTOR	
	IOWA DEPARTMENT OF NATURAL RESOURCES		IOWA DEPARTMENT OF NATURAL RESOURCES
	502 EAST 9TH STREET		1884 WILDCAT DEN ROAD
	DES MOINES, IA, 50319		MUSCATINE IA, 52761
	MIKE BRODERICK		BRUCE FLIPPIN
	515-281-0873		515-250-3719
	mike.broderick@dnr.iowa.gov		bruce.flippin@dnr.iowa.gov

ESTIMATE OF QUANTITIES

ITEM NO.	DESCRIPTION	QUANTITY
1	MOBILIZATION	1 LS
2	EXCAVATION, SPOIL	12,000 CY
3	SEED & MULCH	7.25 ACRES
4	PLANTING, SWAMP WHITE OAK SAPLING.	50 EA
5	PLANTING, COTTONWOOD SAPLING	50 EA
6	SILT FENCE	1,200 LF

QUANTITY NOTES

1. MOBILIZATION TO INCLUDE ANY IMPROVEMENTS NEEDED FOR HAUL ROAD. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING TO DETERMINE THE EXTENT OF THIS WORK.

3. PLACEMENT AS DIRECTED BY THE IDNR FIELD ENGINEER AT SPOILS SITE & STREAM BANK.

4 & 5. PLACEMENT AS DIRECTED BY THE IDNR FIELD ENGINEER (CONTAINERIZED SIZE)

6. PLACEMENT AS DIRECTED BY THE IDNR FIELD ENGINEER.

PLANS PREPARED BY
IDNR ENGINEERING BUREAU
CON AND REC DIVISION

IOWA ONE CALL
800/292-8989
TOLL FREE
CALL - BEFORE - YOU DIG

SHEET INDEX

SHEET. NO.	SHEET TITLE
1	COVER SHEET
2	STATIONING PLAN
3	EXISTING CONTOURS
4-6	CROSS SECTIONS

CONSULTANT:

IOWA DEPARTMENT OF NATURAL RESOURCES
ENGINEERING SERVICES - WALLACE BUILING
502 E. 9TH ST., DES MOINES, IA 50319-0034
P: 515.281.5918
F: 515.281.8685

COVER SHEET

STREAM BANK RESTORATION
BIG MILL CREEK

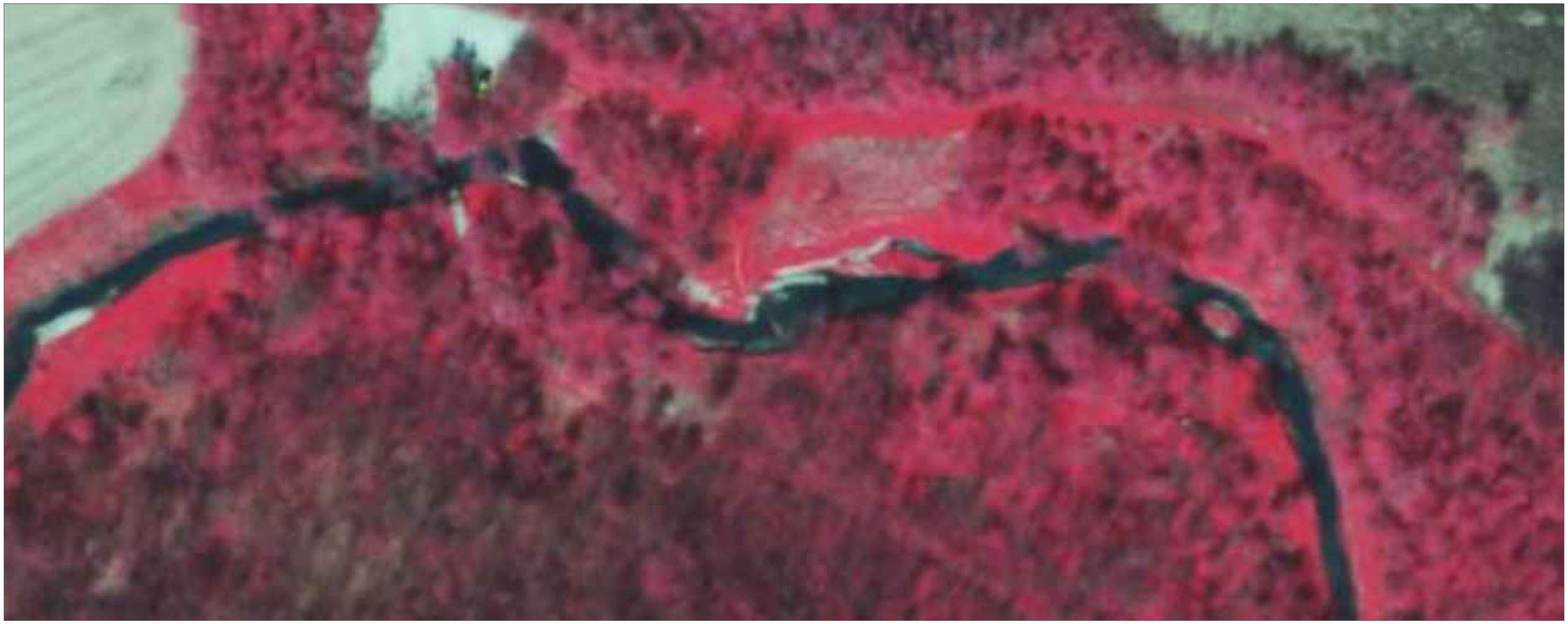
JACKSON COUNTY, IOWA

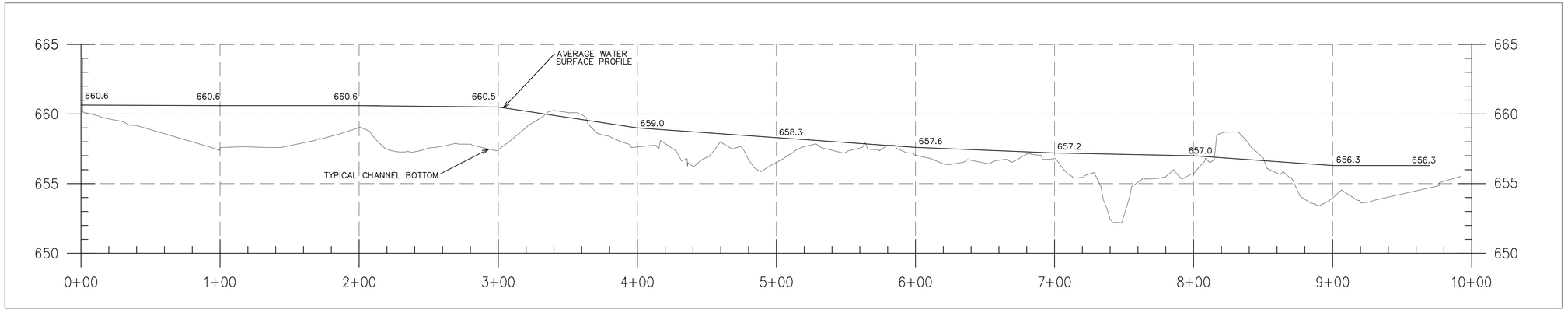
BELLVIEW

NO.	BY DATE	REVISION

DRAWN BY:
PROJECT NUMBER: 12-06-49-01
CHK'D BY:
DATE: MAY 2013

SHEET No:





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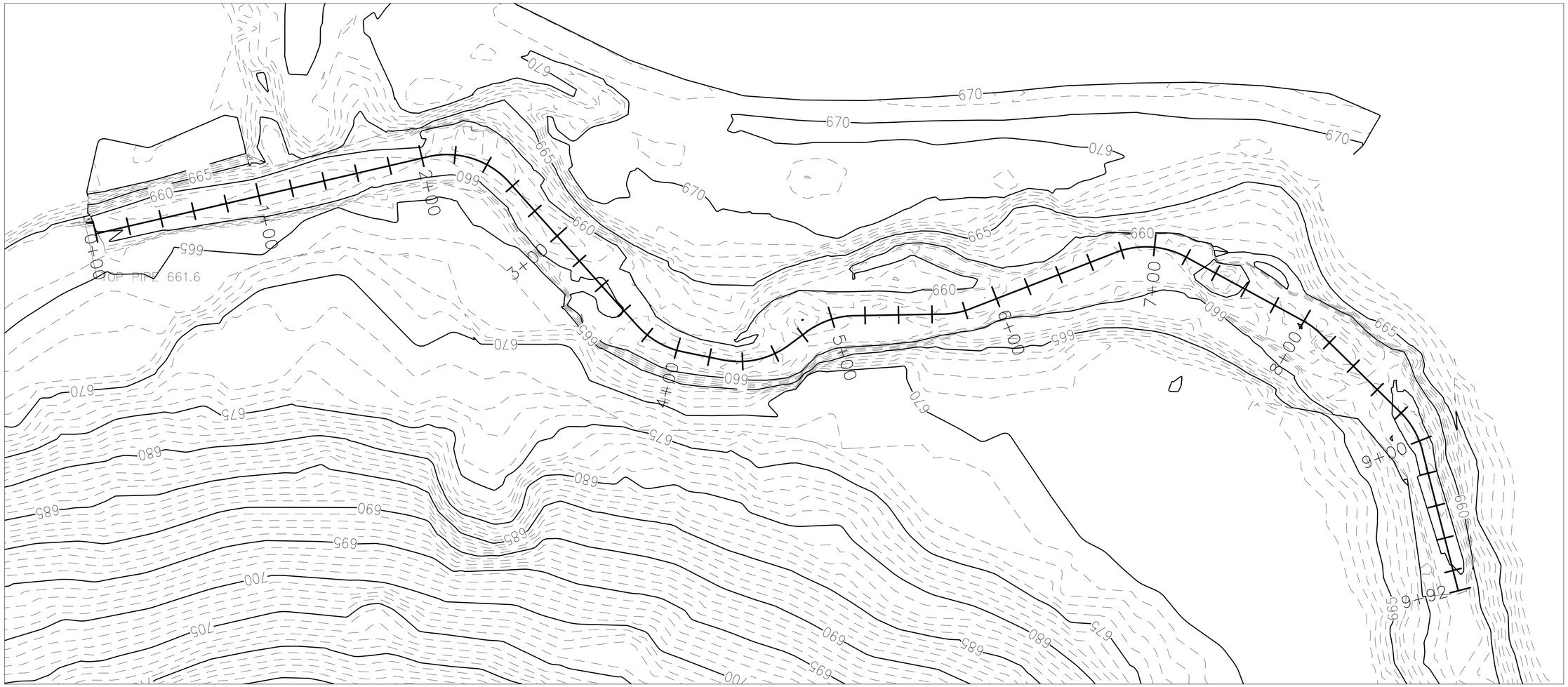
TITLE STATIONING

DRAWN BY MB DATE MAY 2013

PROJECT BIG MILL CREEK BANK RESTORATION

COUNTY JACKSON PROJ. NO. 12-06-49-01

SHEET 2 OF 6



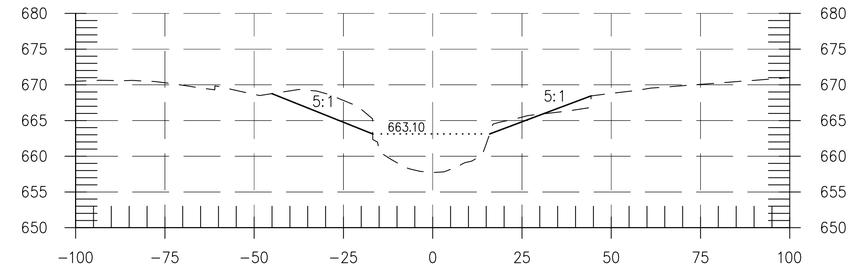
HAUL ROAD & SPOILS SITE DETAIL
NO SCALE

SEED MIXTURE	
COMMON NAME	APPLICATION PER ACRE
VIRGINIA WILD RYE	3 LBS.
CANADA WILD RYE	3 LBS.
BIG BLUESTEM	1 LBS.
SIDE OATS GRAMA	3 LBS.
LITTLE BLUESTEM	4 LBS.
PURPLE PRAIRIE CLOVER	4 OZ.
BLACKEYED SUSAN	4 OZ.
PRAIRIE BLAZING STAR	4 OZ.
BUTTERFLY WEED	4 OZ.
WILD BERGAMOT	4 OZ.
GRAY-HEADED CONEFLOWER	4 OZ.
NEW ENGLAND ASTER	2 OZ.

TITLE EXISTING CONTOURS DRAWN BY MB DATE MAY 2013

PROJECT BIG MILL CREEK BANK RESTORATION COUNTY JACKSON PROJ. NO. 12-06-49-01

SHEET 3 OF 6



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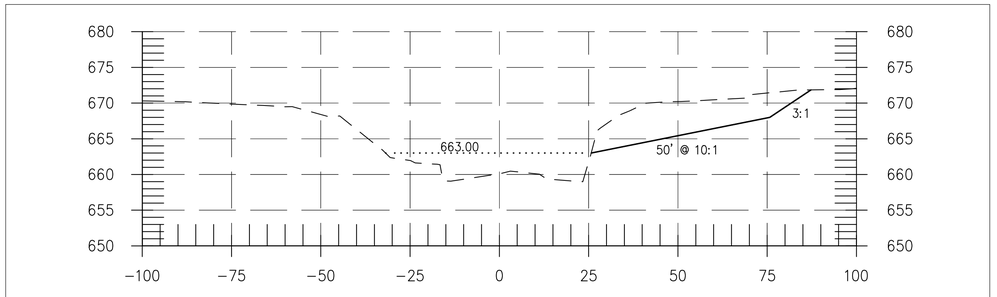

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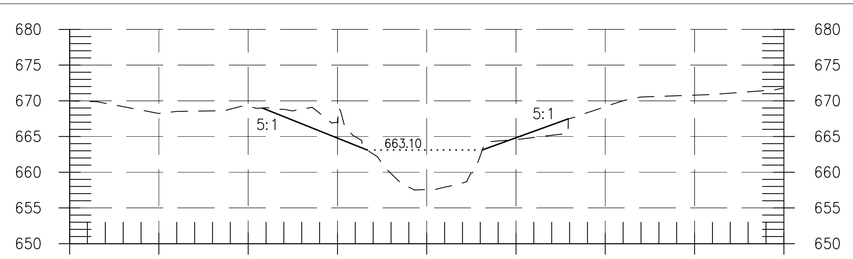

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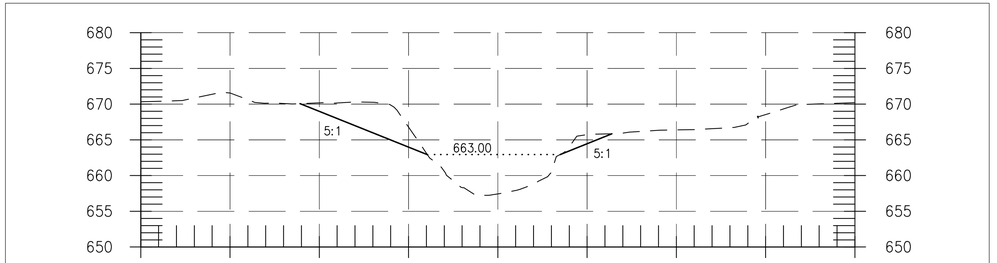

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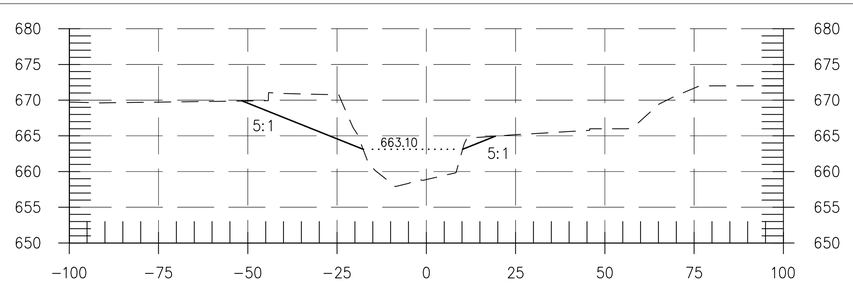

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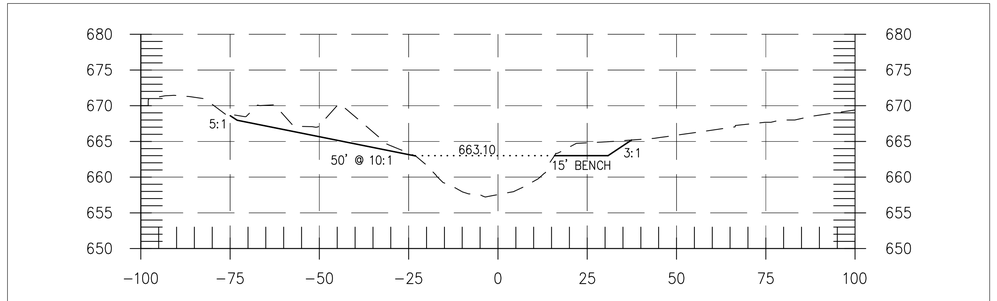

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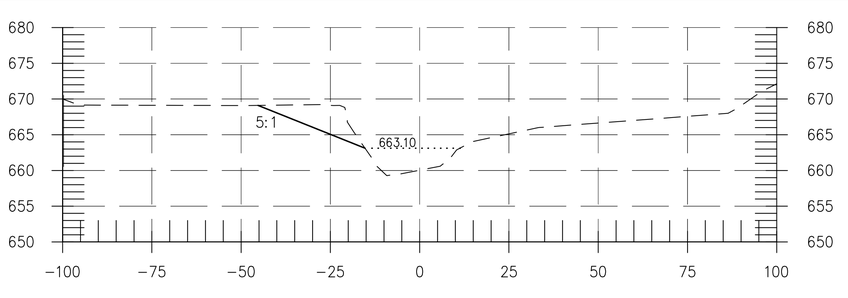

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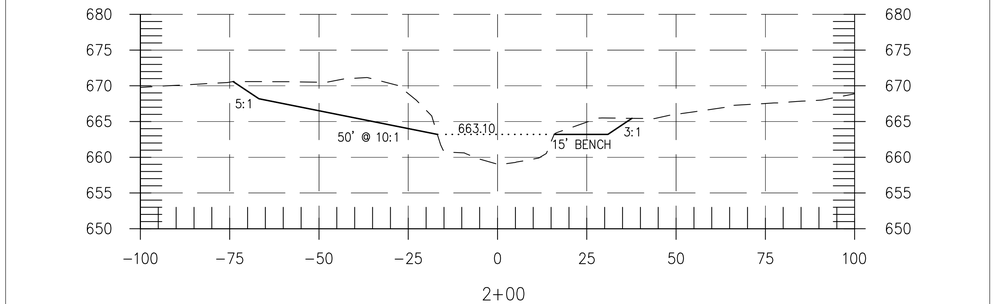

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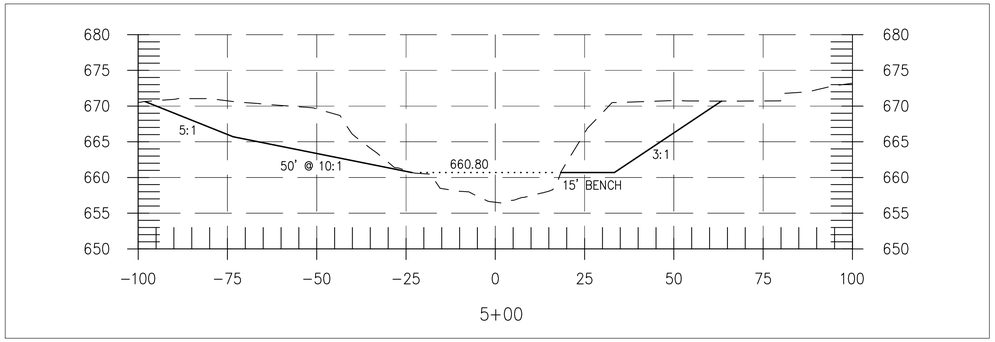
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 10'

LINE LEGEND:

EXISTING CROSS SECTION
PROPOSED GRADE CHANGE
RESTORED FLOODPLAIN HEIGHT

TITLE CROSS SECTIONS
DRAWN BY MB
DATE MAY 2013
PROJECT BIG MILL CREEK BANK RESTORATION
COUNTY JACKSON
PROJ. NO. 12-06-49-01
SHEET 4 OF 6



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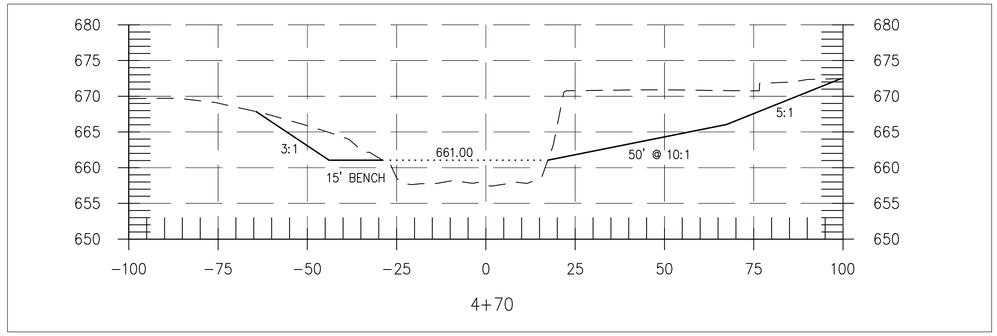

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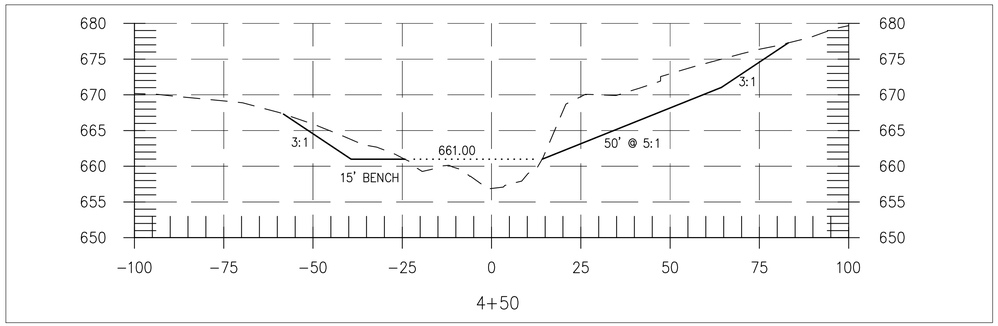

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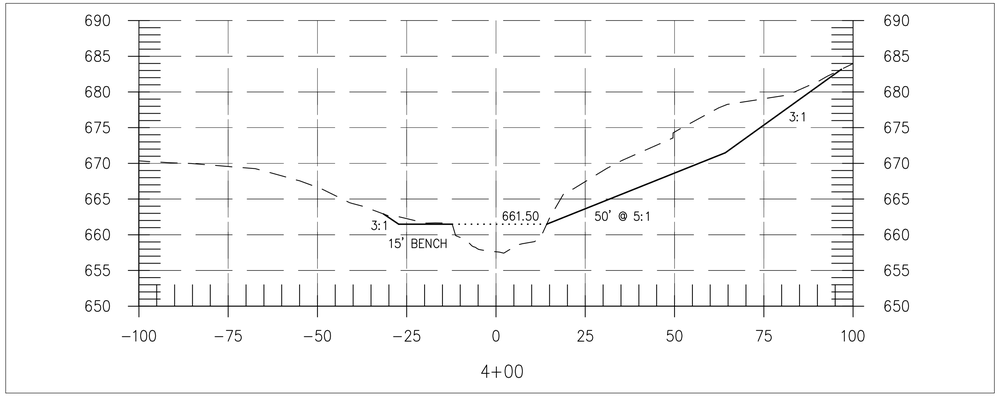

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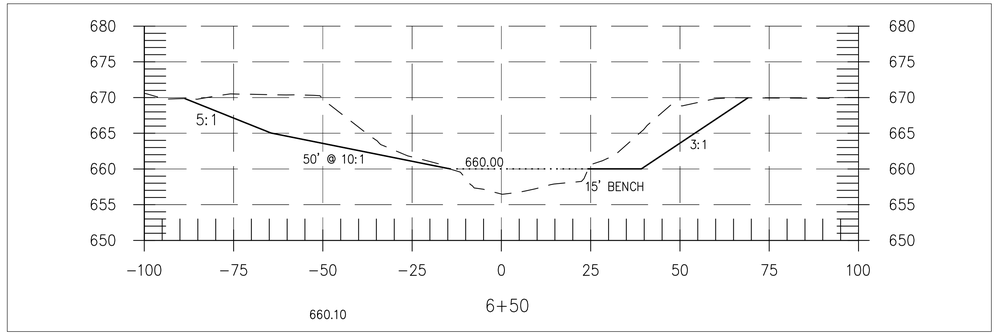

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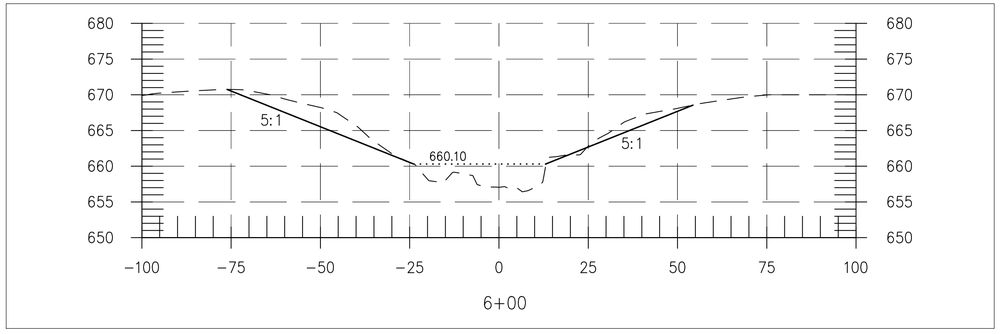

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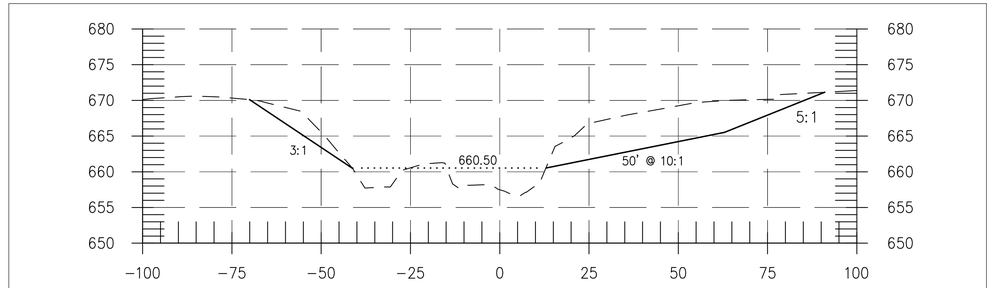

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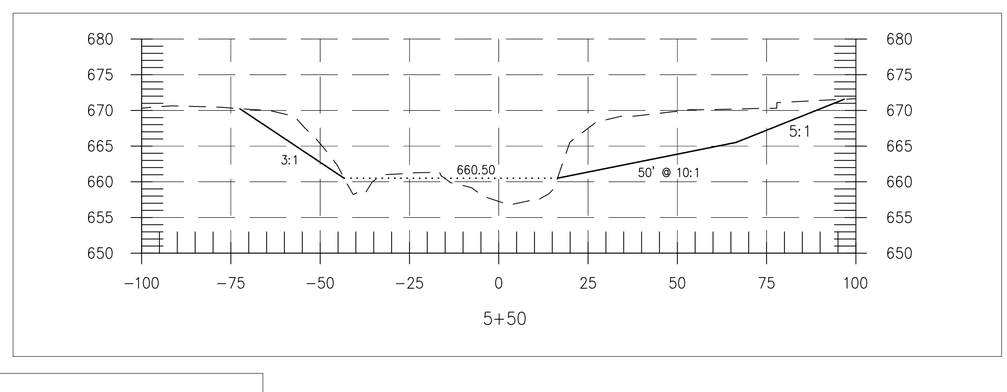

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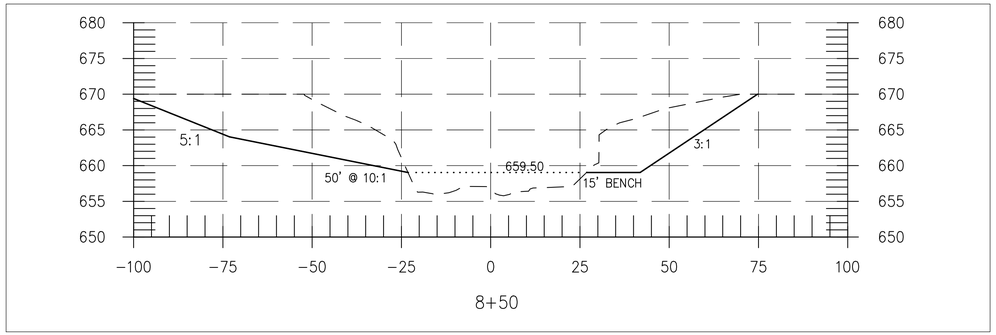
LINE LEGEND:

EXISTING CROSS SECTION
PROPOSED GRADE CHANGE
RESTORED FLOODPLAIN HEIGHT

TITLE CROSS SECTIONS DRAWN BY MB DATE MAY 2013
PROJECT BIG MILL CREEK BANK RESTORATION COUNTY JACKSON PROJ. NO. 12-06-49-01
SHEET 5 OF 6



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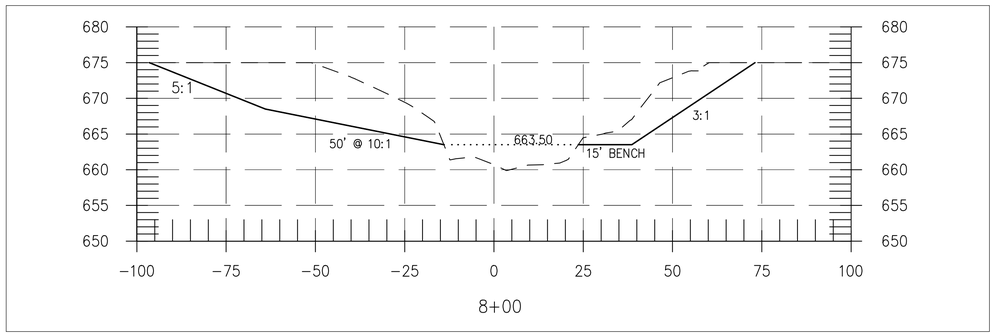

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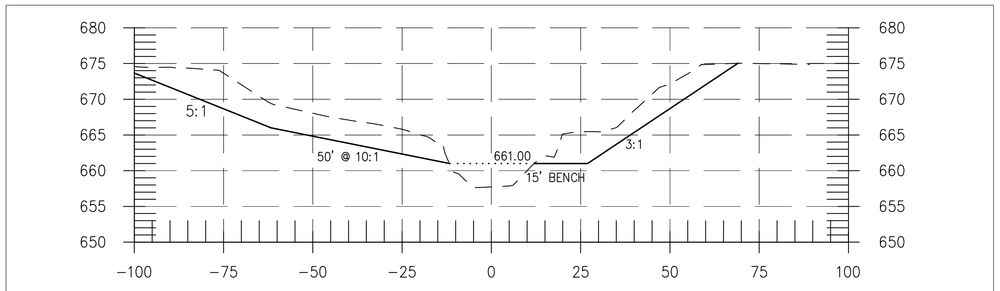

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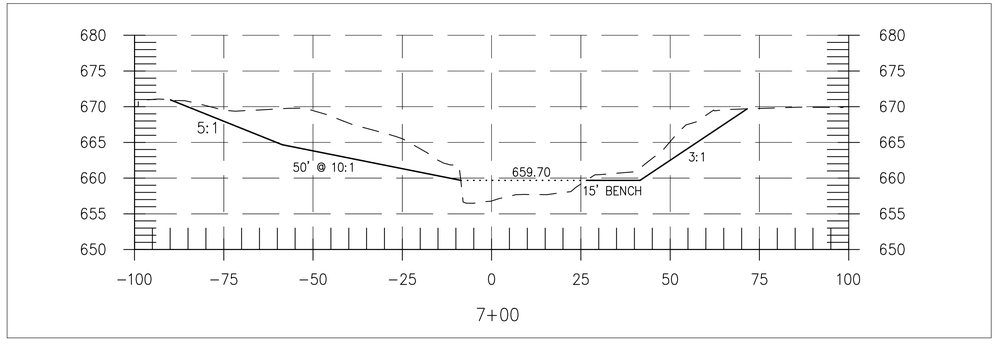

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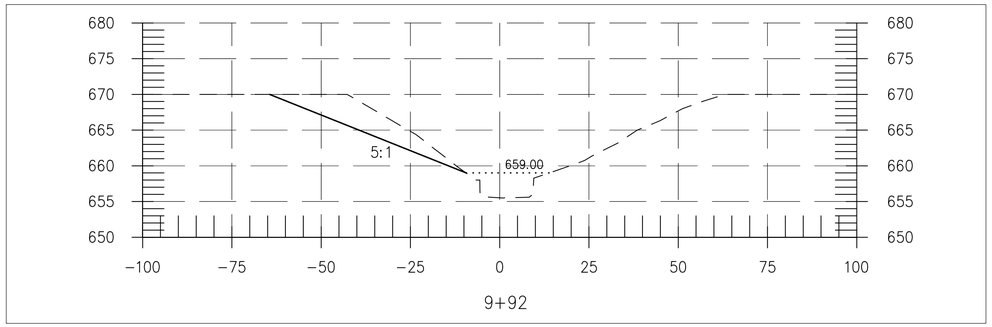

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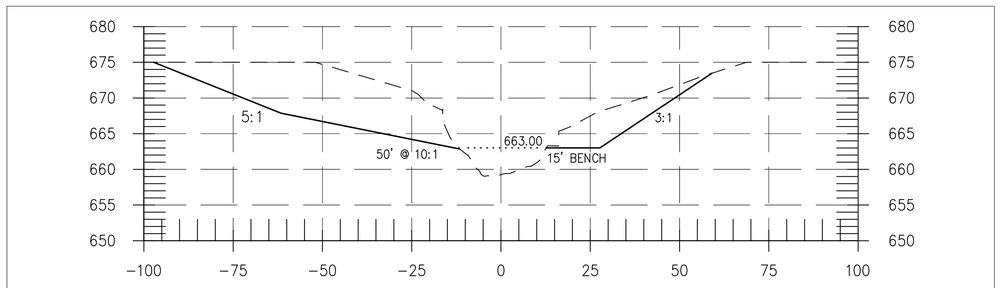

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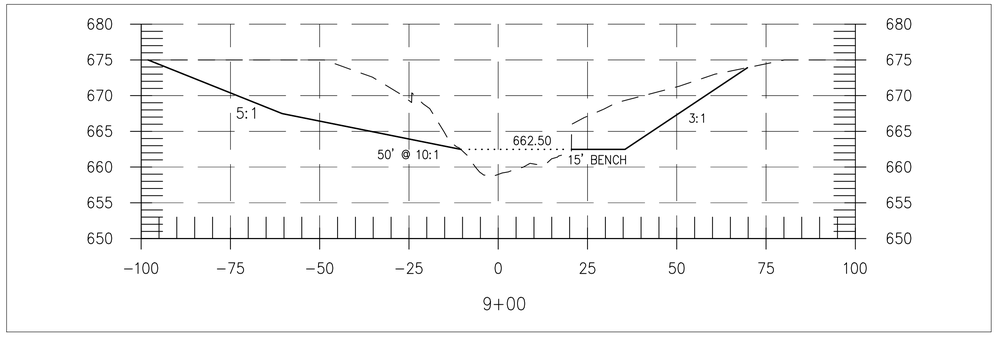

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PROPOSED GRADE CHANGE
RESTORED FLOODPLAIN HEIGHT

TITLE CROSS SECTIONS DRAWN BY MB DATE MAY 2013
PROJECT BIG MILL CREEK BANK RESTORATION COUNTY JACKSON PROJ. NO. 12-06-49-01
SHEET 6 OF 6