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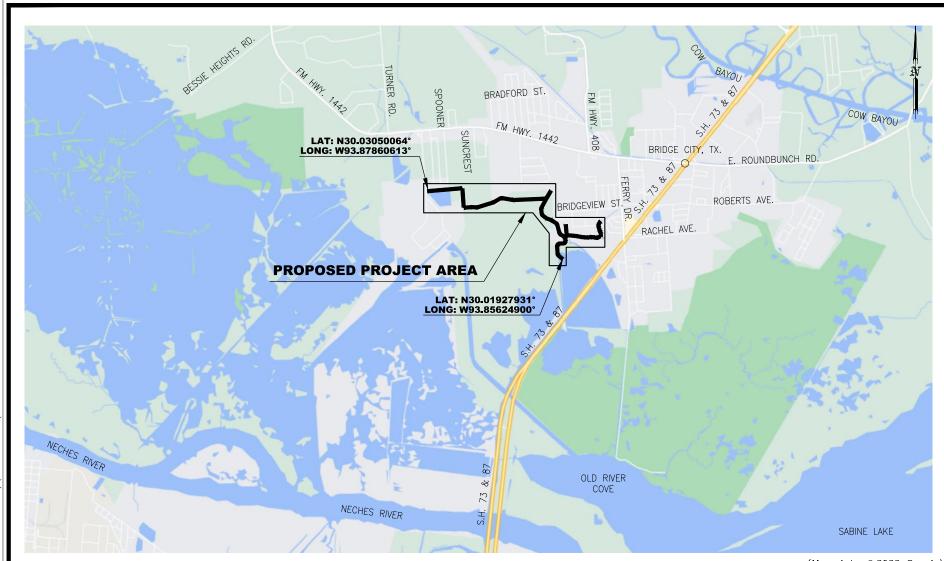
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RESTORATION PROJECT FEMA, HMGP DR-4332-TX BRIDGE CITY, ORANGE COUNTY, TEXAS

INDEX OF DRAWINGS

BRIDGE CITY DRAINAGE

	Action	Name	Date		
	Design	DMP	10/31/21		
	Drawn	BDS	08/26/22		
;	Approved	DMP	08-27-22		
	Last Revised	-			
	Scale	-			
	Sheet	1Of30			



(Map data @ 2022 Google)

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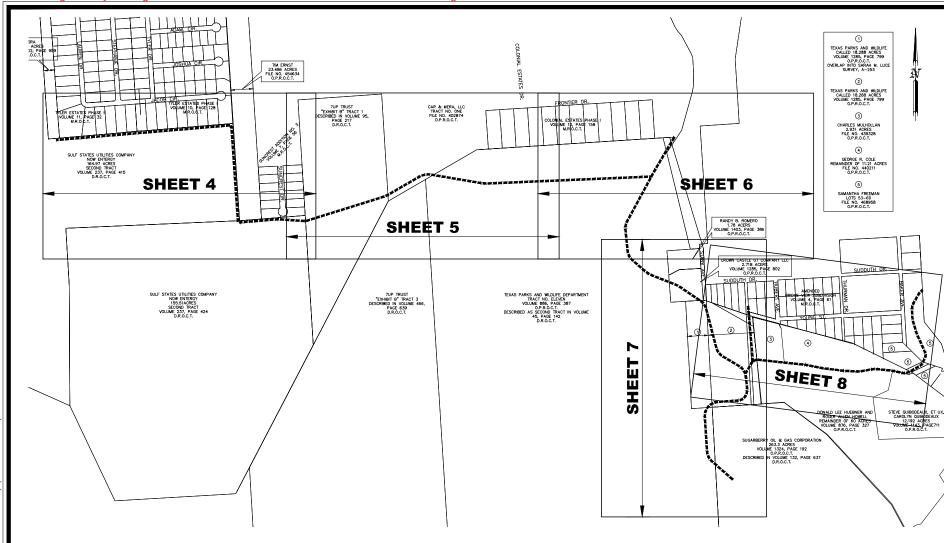
Plot Date: 9/26/2022

Phone 409.833.3363 Fax 409.833.0317 FRN - F-1386 BRIDGE CITY DRAINAGE RESTORATION PROJECT FEMA, HMGP DR-4332-TX BRIDGE CITY, ORANGE COUNTY, TEXAS

VICINITY MAP

	Action	Name	Date		
	Design	DMP	10/31/21		
	Drawn	BDS	08/26/22		
3	Approved	DMP	08/27/22		
	Last Revised	_			
	Scale	1" = 5,000'			
	Sheet	2Of	30		

BRIDGE CITY\1015 - DRAINAGE EY)\ACOE PERMIT\02 VICINITY MAP.DWG BXXX\B824 — CITY OF BRII 4332_HURRICANE HARVEY)\ O:\PROJECTS LJA B000 -IMPROVEMENTS (HMGP DR:



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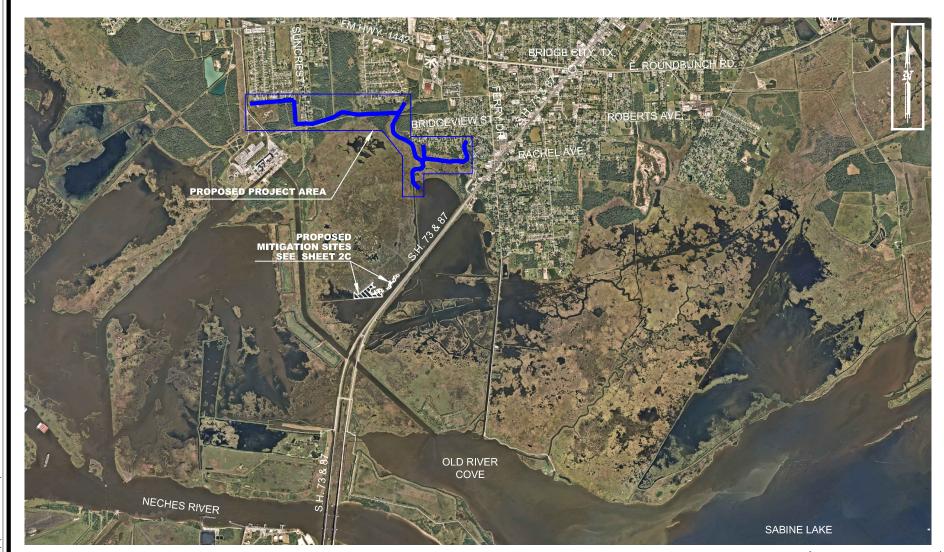
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Plot Date: 9/26/2022

BRIDGE CITY DRAINAGE
RESTORATION PROJECT
FEMA, HMGP DR-4332-TX
BRIDGE CITY, ORANGE COUNTY, TEXAS

PROJECT KEY MAP

Action	Name	Date	
Design	DMP	10/31/21	
Drawn	JS	12/15/21	
Approved	DMP	12/20/21	
Last Revised	08/26/2	22 (BDS)	
Scale	0.4		
Sheet			



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MITIGATION SITE & BENEFICIAL USE PLACEMENT LOCATION MAP

BRIDGE CITY DRAINAGE RESTORATION PROJECT FEMA, HMGP DR-4332-TX

BRIDGE CITY, ORANGE COUNTY, TEXAS

Action	Name	Date
Design	DMP	10/31/21
Dra wn	BDS	08/26/22
Approved	DMP	08/27/22
Last Revised	-	_
Scale	1" =	4,000'
Sheet	2B Of	30



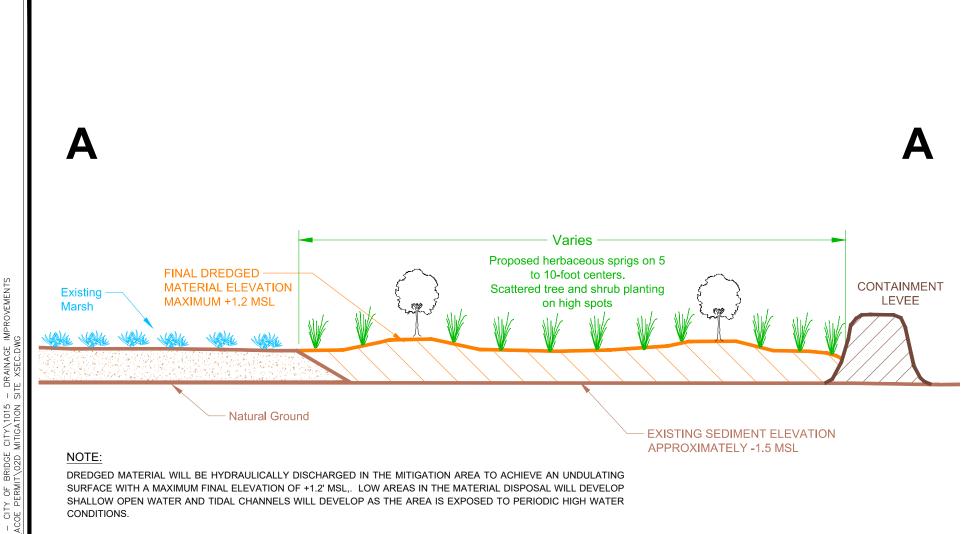


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BRIDGE CITY DRAINAGE
RESTORATION PROJECT
FEMA, HMGP DR-4332-TX
BRIDGE CITY, ORANGE COUNTY, TEXAS
MITIGATION SITE & BENEFICIAL
USE PLACEMENT ENLARGED
LOCATION DETAIL

Action	Name	Date		
Design	DMP	10/31/21		
Drawn	BDS	08/26/22		
Approved	DMP	08/27/22		
Last Revised	_			
Scale	AS SHOWN			
Sheet	2C Of	30		



SURFACE WITH A MAXIMUM FINAL ELEVATION OF +1.2' MSL,. LOW AREAS IN THE MATERIAL DISPOSAL WILL DEVELOP SHALLOW OPEN WATER AND TIDAL CHANNELS WILL DEVELOP AS THE AREA IS EXPOSED TO PERIODIC HIGH WATER CONDITIONS.

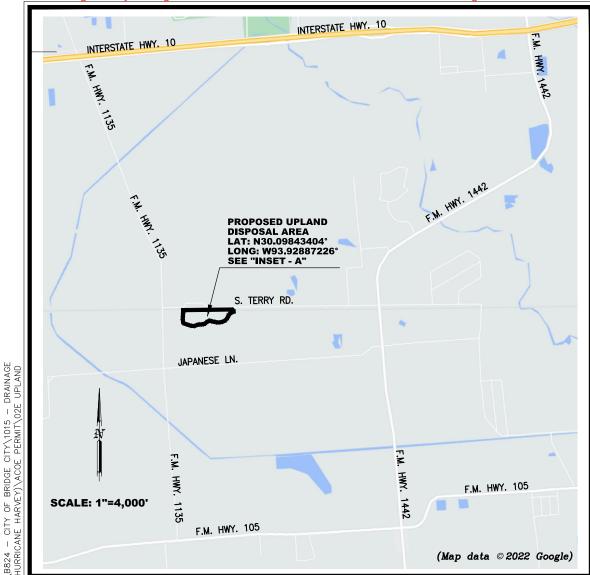
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BRIDGE CITY DRAINAGE RESTORATION PROJECT FEMA, HMGP DR-4332-TX BRIDGE CITY, ORANGE COUNTY, TEXAS TYPICAL PLANTING MITIGATION AREA SECTION "A-A"

Action	Name	Date	
Design	DMP	10/31/21	
Drawn	BD,S'	08/26/22	
Approved	DMP	08/27/22	
Last Revised	-	_	
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Sheet	2 <u>D</u> Of	30	





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BRIDGE CITY DRAINAGE RESTORATION PROJECT FEMA, HMGP DR-4332-TX BRIDGE CITY, ORANGE COUNTY, TEXAS

UPLAND DISPOSAL AREA MAP

Action	Name	Date	
Design	DMP	10/31/21	
Drawn	BDS	08/26/22	
Approved	DMP	08/27/22	
Last Revised	-		
Scale	AS SHOWN		
Sheet	2C Of	30	

BXXX\B824 — CITY OF BRIDGE CITY\1015 — I 4332_HURRICANE HARVEY)\ACOE PERMIT\02E

WATERS_NAME	SHEET NO.	COWADIN_CODE	HGM_CODE	AREA (ACRES)	LINEAR (FT)	WATERS TYPES	LATITUDE DD (NAD83)	LONGITUDE DD (NAD83)	LOCAL_WATERWAY
WAA1	5	E2EM1P	ESTUARINEF	0.029	21	TNWW	30.02804	-93.86862	SABINE RIVER
WAA2	5	PFO1A	ESTUARINEF	0.036	2	TNWW	30.02808	-93.86842	SABINE RIVER
WAA3	5	E1UBL	ESTUARINEF	0.420	777	TNW	30.02867	-93.86568	SABINE RIVER
WAA4	5	E2EM1P	ESTUARINEF	0.879	645	TNWW	30.02851	-93.86360	SABINE RIVER
WAA5	6	E2EM1P	ESTUARINEF	1.294	1,380	TNWW	30.02847	-93.85895	SABINE RIVER
WAA6	6	E2EM1P	ESTUARINEF	0.060	107	TNWW	30.02909	-93.85725	SABINE RIVER
WAA7	6	E1UBL	ESTUARINEF	1.000	1,380	TNW	30.02796	-93.85872	SABINE RIVER
WAA8	6	E2EM1P	ESTUARINEF	0.697	1,064	TNWW	30.02757	-93.85867	SABINE RIVER
WAA9	7	E2EM1P	ESTUARINEF	1.205	1,902	TNWW	30.02438	-93.85655	SABINE RIVER
WAA10	7	E2EM1P	ESTUARINEF	0.163	432	TNWW	30.02106	-93.85645	SABINE RIVER
WAA11	7	E1UBL	ESTUARINEF	0.408	100	TNW	30.01963	-93.85648	SABINE RIVER
WAA12	7	E2EM1P	ESTUARINEF	1.646	3,114	TNWW	30.02333	-93.85685	SABINE RIVER
WAA13	7	E1UBL	ESTUARINEF	3.641	3,236	TNW	30.02340	-93.85655	SABINE RIVER
WAA14	8	E2EM1P	ESTUARINEF	0.690	1,866	TNWW	30.02276	-93.85261	SABINE RIVER
WAA15	8	E2EM1P	ESTUARINEF	0.295	701	TNWW	30.02385	-93.84992	SABINE RIVER
WAA16	8	E2EM1P	ESTUARINEF	0.142	473	TNWW	30.02291	-93.84929	SABINE RIVER
WAA17	8	E2EM1P	ESTUARINEF	0.558	1,627	TNWW	30.02203	-93.85232	SABINE RIVER
WAA18	8	E1UBL	ESTUARINEF	2.812	2,863	TNW	30.02227	-93.85176	SABINE RIVER
WAA19	4	PFO1A	ORGSOILFLT	0.003	20	RPWWN	30.03048	-93.87309	SABINE RIVER
WAA20	4	PSS1C	ORGSOILFLT	0.096	190	RPWWN	30.02769	-93.87144	SABINE RIVER
WAA21	4	PAB3	ORGSOILFLT	0.003	65	RPWWN	30.02774	-30.02774	SABINE RIVER

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RESTORATION PROJECT
FEMA, HMGP DR-4332-TX
BRIDGE CITY, ORANGE COUNTY, TEXAS

WATERS UPLOAD SHEET

	Action	Name	Date		
	Design	DMP	10/31/21		
	Dra wn	BD,S	08/26/22		
(Approved	DMP	08/27/22		
	Last Revised	_			
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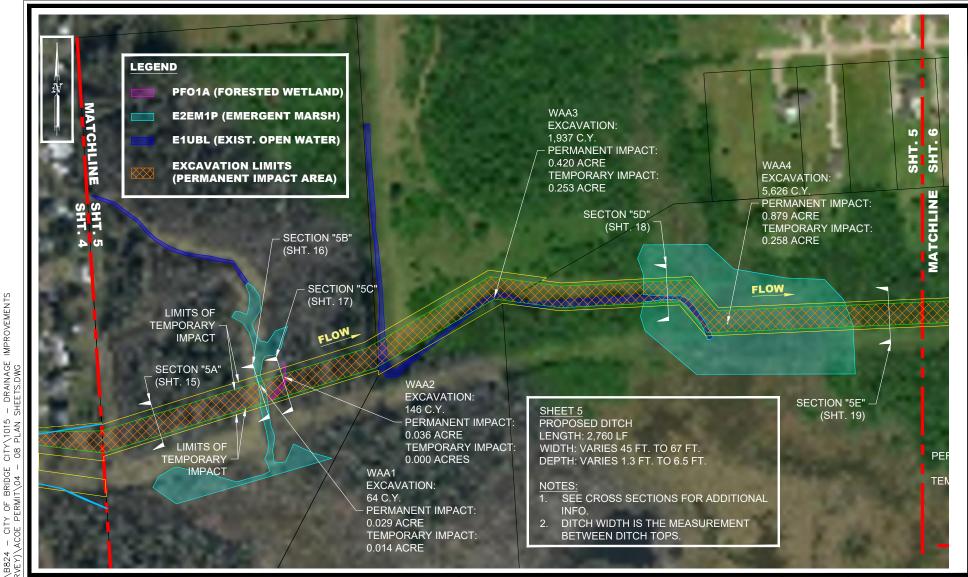
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RESTORATION PROJECT
FEMA, HMGP DR-4332-TX
BRIDGE CITY, ORANGE COUNTY, TEXAS

PLAN SHEET

	Action	Name	Date	
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	Dra wn	J\$	12/15/21	
	Approved	DMP	12/20/21	
	Last Revised	08/27/22 (BDS)		
	Scale	1" = 300'		
	Sheet	4 Of	30	

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IMPROVEMENTS



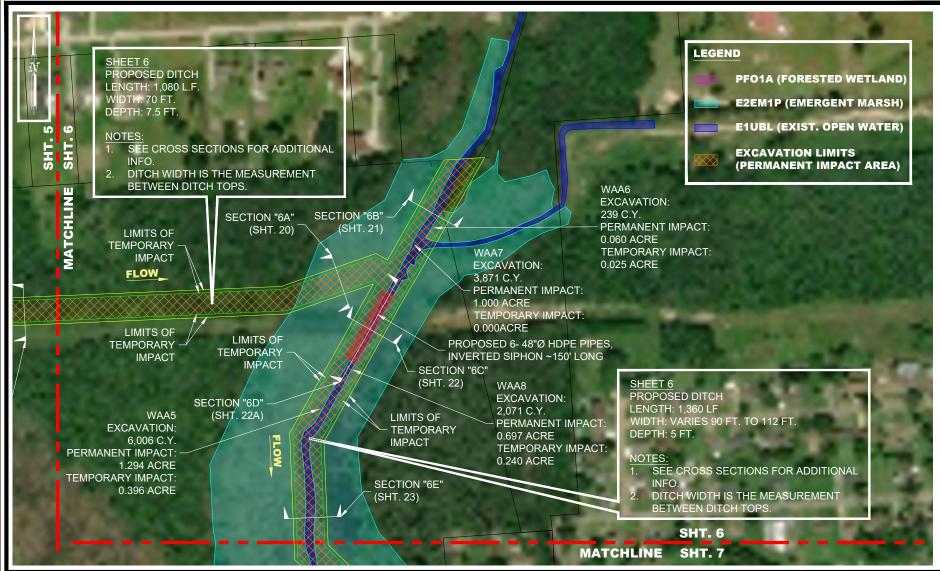
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RESTORATION PROJECT
FEMA, HMGP DR-4332-TX
BRIDGE CITY, ORANGE COUNTY, TEXAS

PLAN SHEET

	Action	Name	Date	
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1	Approved	DMP	12/20/21	
	Last Revised	08/27/22 (BDS)		
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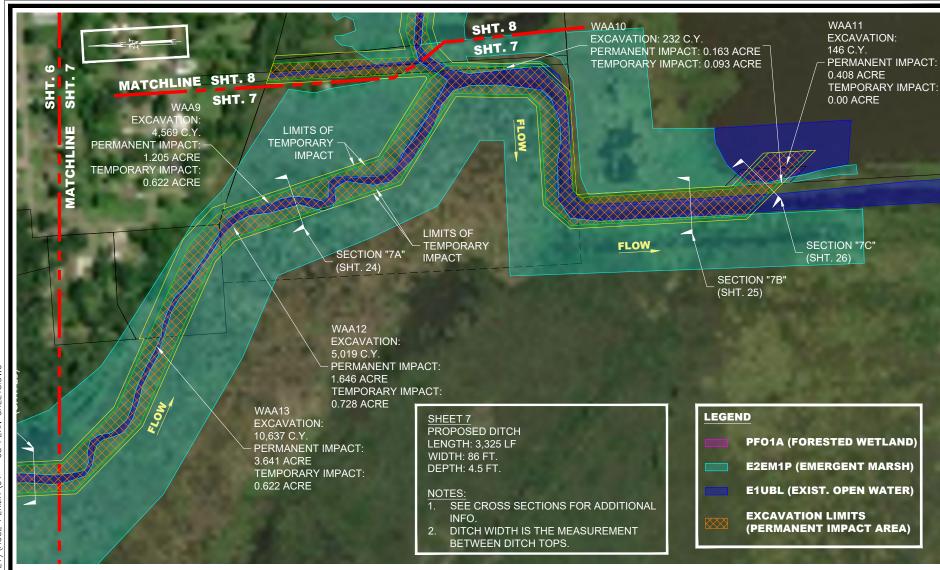
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RESTORATION PROJECT
FEMA, HMGP DR-4332-TX
BRIDGE CITY, ORANGE COUNTY, TEXAS

PLAN SHEET

Action	Name	Date
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Dra wn	J\$	12/15/21
Approved	DMP	12/20/21
Last Revised	11/17/2	2 (BDS)
Scale	1" =	300'
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O:\PROJECTS LJA B000 - BXXX\B824 - CITY OF BRIDGE CITY\1015 - DRAINAGE (HMGP DR-4332_HURRICANE HARVEY)\ACOE PERMIT\04 - 08 PLAN SHEETS.DWG

Plot Date: 12/2/2022



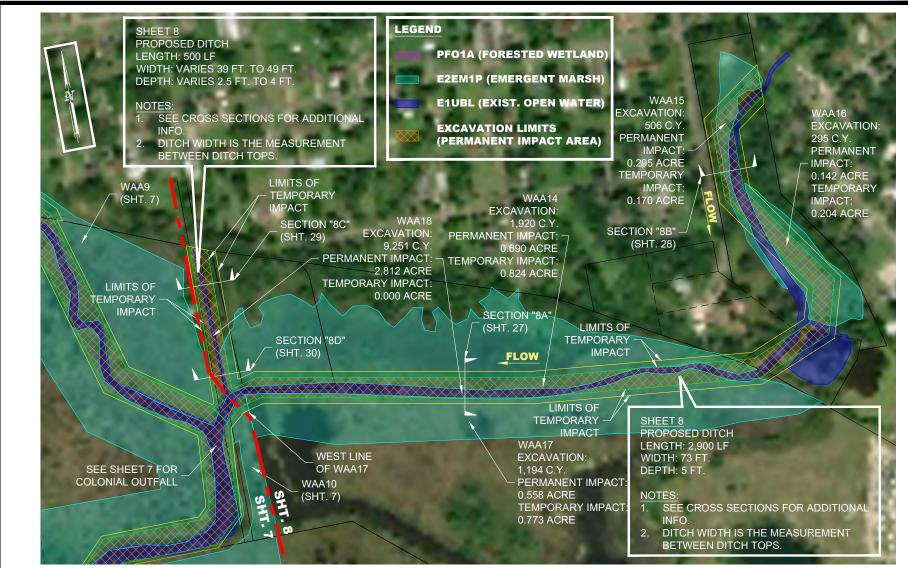
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RESTORATION PROJECT
FEMA, HMGP DR-4332-TX
BRIDGE CITY, ORANGE COUNTY, TEXAS

PLAN SHEET

	Action	Name	Date
	Design	DMP	10/31/21
	Dra wn	J\$	12/15/21
3	Approved	DMP	12/20/21
	Last Revised	11/17/22 (BDS)	
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	Sheet	7 Of	30

Plot Date: 11/17/2022



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BRIDGE CITY DRAINAGE RESTORATION PROJECT FEMA, HMGP DR-4332-TX BRIDGE CITY, ORANGE COUNTY, TEXAS

PLAN SHEET

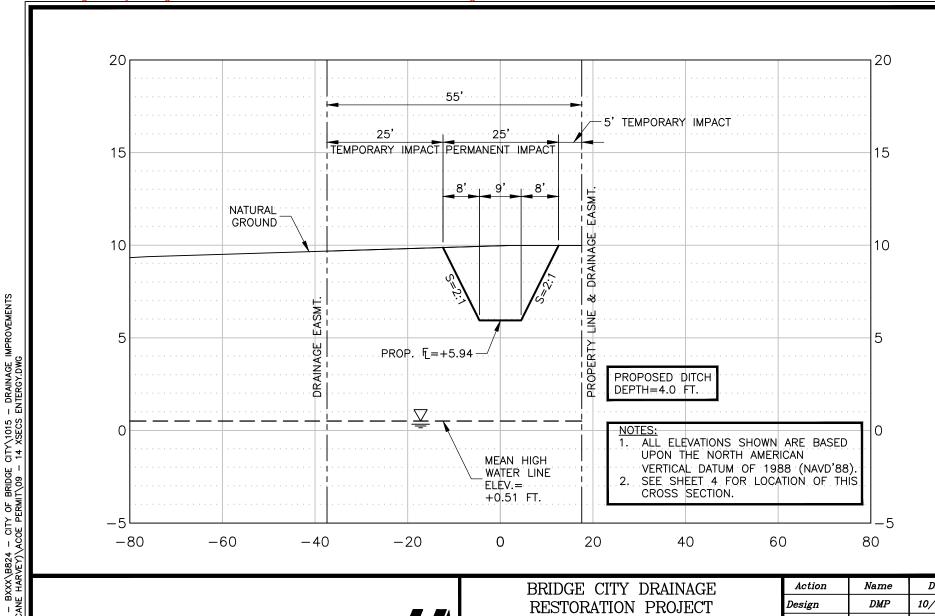
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	Last Revised	08/27/2	22 (BDS)
	Scale	1" =	300'
	Sheet	8 Of	30

Beaumont, Texas 77702

- DRAINAGE SHEETS.DWG

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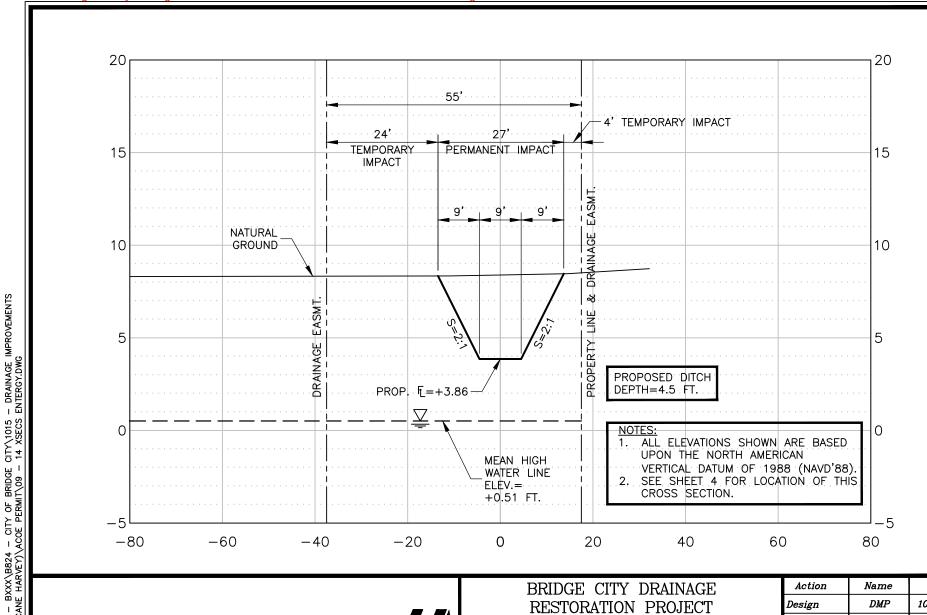
Plot Date: 9/26/2022

BRIDGE CITY DRAINAGE
RESTORATION PROJECT
FEMA, HMGP DR-4332-TX
BRIDGE CITY, ORANGE COUNTY, TEXAS
SECTION "4A"

LAT: N30.03050837° LONG: W93.87826933°

Action	Name	Date	
Design	DMP	10/31/21	
Dra wn	BDS	08/27/22	
Approved	DMP	08/27/22	
Last Revised	-		
Scale	HOR.: 1"=20', VERT. 1"=5'		
Sheet	9 Of	30	

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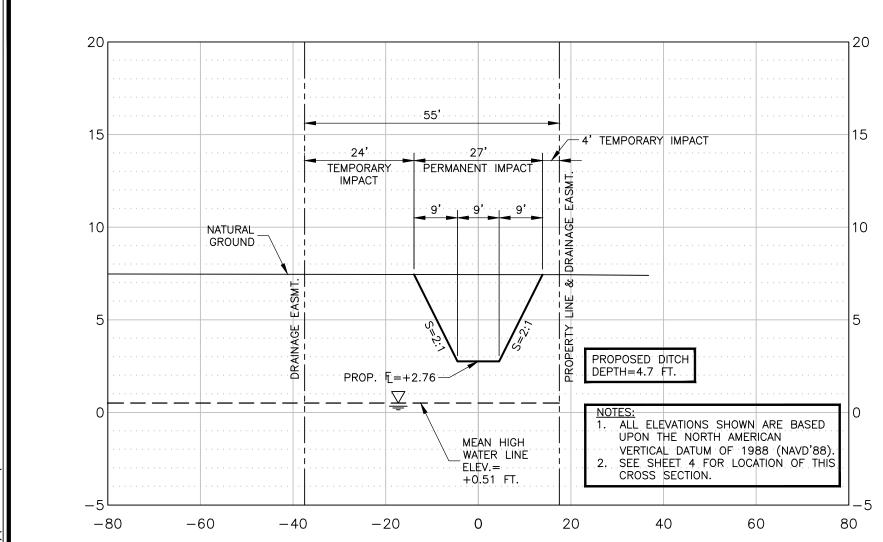
Plot Date: 9/26/2022

BRIDGE CITY DRAINAGE
RESTORATION PROJECT
FEMA, HMGP DR-4332-TX
BRIDGE CITY, ORANGE COUNTY, TEXAS
SECTION "4B"

LAT: N30.03062780° LONG: W93.87306003°

Action	Name	Date
Design	DMP	10/31/21
Drawn	BDS	08/27/22
Approved	DMP	08/27/22
Last Revised	-	
Scale	HOR.: 1"=20',	VERT. 1"=5"
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Received: 2 December 2022



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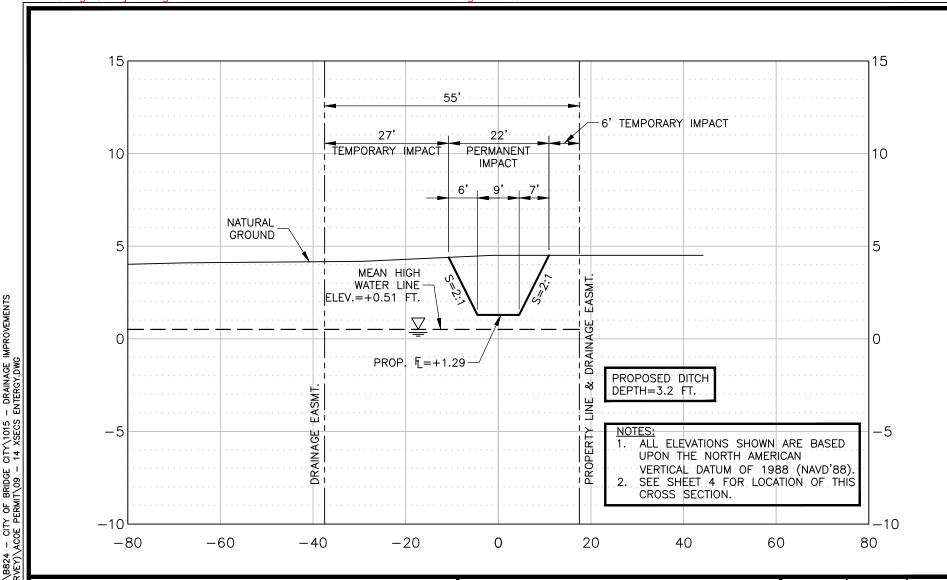
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Plot Date: 9/26/2022

BRIDGE CITY DRAINAGE RESTORATION PROJECT FEMA, HMGP DR-4332-TX BRIDGE CITY, ORANGE COUNTY, TEXAS SECTION "4C"

> LAT: N30.02925362° LONG: W93.87259925°

Action	Name	Date	
Design	DMP	10/31/21	
Dra wn	BDS	08/27/22	
Approved	DMP	08/27/22	
Last Revised	_		
Scale	HOR.: 1"=20', VERT. 1"=5'		
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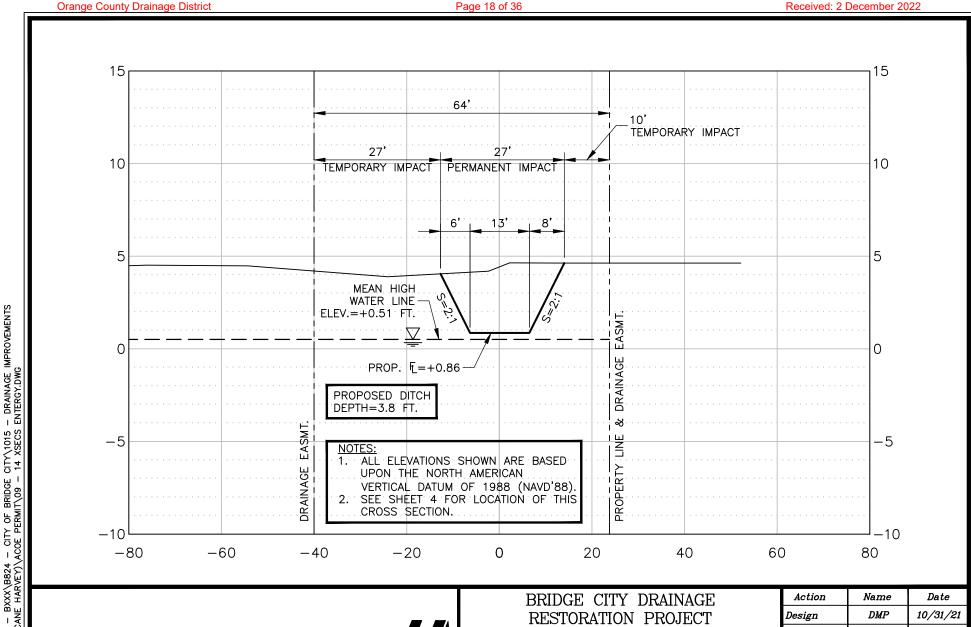
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Plot Date: 9/26/2022

BRIDGE CITY DRAINAGE
RESTORATION PROJECT
FEMA, HMGP DR-4332-TX
BRIDGE CITY, ORANGE COUNTY, TEXAS
SECTION "4D"

LAT: N30.02776251° LONG: W93.87170525°

Action	Name	Date	
Design	DMP	10/31/21	
Dra wn	BDS	08/27/22	
Approved	DMP	08/27/22	
Last Revised	_		
Scale	HOR.: 1"=20', VERT. 1"=5'		
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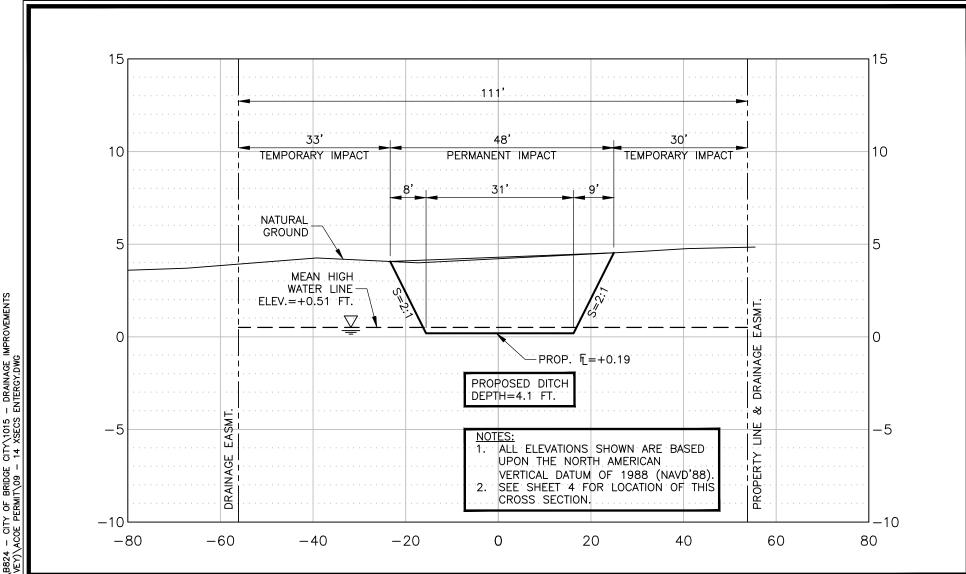
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\PROJECTS I

BRIDGE CITY DRAINAGE
RESTORATION PROJECT
FEMA, HMGP DR-4332-TX
BRIDGE CITY, ORANGE COUNTY, TEXAS
SECTION "4E"

LAT: N30.02776651° LONG: W93.87115580°

Action	Name	Date	
Design	DMP	10/31/21	
Drawn	BDS	08/27/22	
Approved	DMP	08/27/22	
Last Revised	_		
Scale	HOR.: 1"=20', VERT. 1"=5'		
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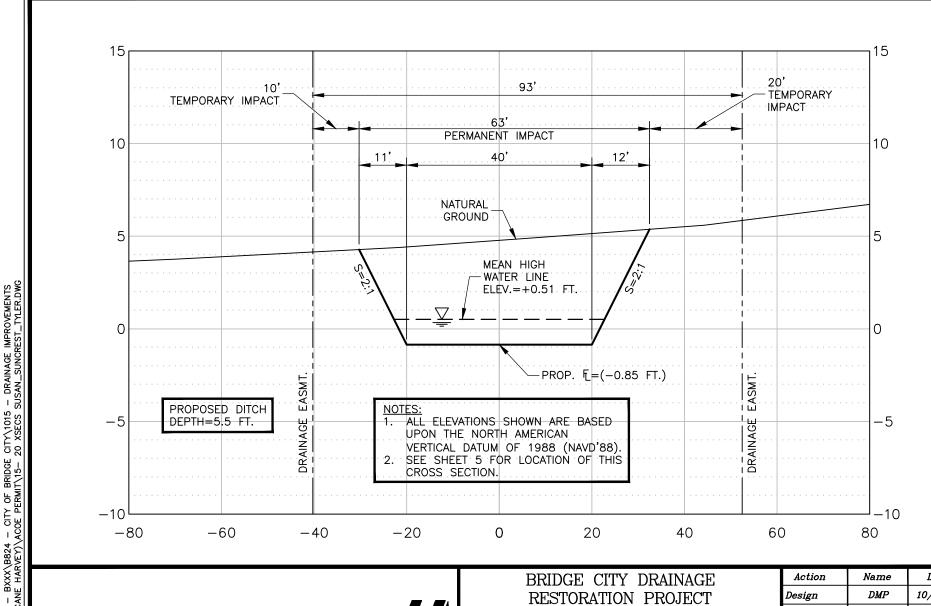
Plot Date: 9/26/2022

BRIDGE CITY DRAINAGE
RESTORATION PROJECT
FEMA, HMGP DR-4332-TX
BRIDGE CITY, ORANGE COUNTY, TEXAS
SECTION "4F"

LAT: N30.02768285° LONG: W93.87039069°

Action	Name	Date
Design	DMP	10/31/21
Dra wn	BDS	08/27/22
Approved	DMP	08/27/22
Last Revised	_	
Scale	HOR.: 1"=20',	VERT. 1"=5'
Sheet	14Of	30

Received: 2 December 2022



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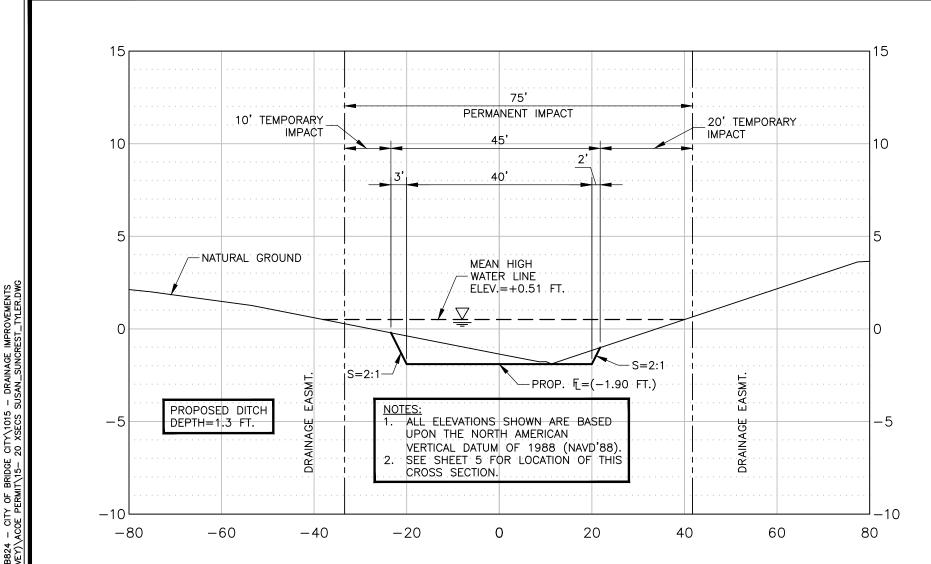
Plot Date: 9/26/2022

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BRIDGE CITY DRAINAGE
RESTORATION PROJECT
FEMA, HMGP DR-4332-TX
BRIDGE CITY, ORANGE COUNTY, TEXAS
SECTION "5A"

LAT: N30.02779570° LONG: W93.86975515°

Action	Name	Date
Design	DMP	10/31/21
Dra wn	BDS	08/27/22
Approved	DMP	08/27/22
Last Revised	-	=
Scale	HOR.: 1"=20',	VERT. 1"=5"
Sheet	15 Of	30



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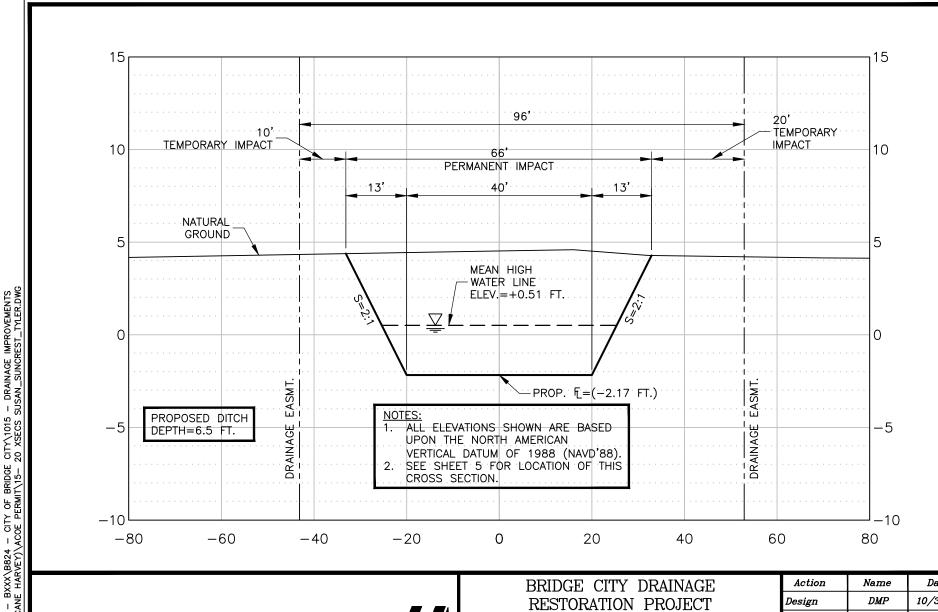
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Plot Date: 9/26/2022

BRIDGE CITY DRAINAGE
RESTORATION PROJECT
FEMA, HMGP DR-4332-TX
BRIDGE CITY, ORANGE COUNTY, TEXAS
SECTION "5B"

LAT: N30.02803830° LONG: W93.86863182°

Action	Name	Date
Design	DMP	10/31/21
Drawn	BDS	08/27/22
Approved	DMP	08/27/22
Last Revised	-	_
Scale	HOR.: 1"=20',	VERT. 1"=5'
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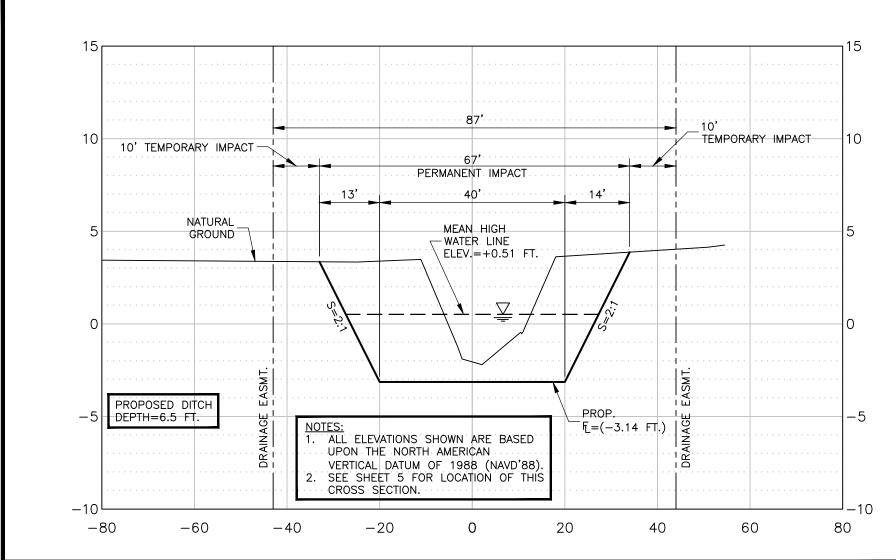
Plot Date: 9/26/2022

\PROJECTS I

BRIDGE CITY DRAINAGE RESTORATION PROJECT FEMA, HMGP DR-4332-TX BRIDGE CITY, ORANGE COUNTY, TEXAS SECTION "5C"

> LAT: N30.02809121° LONG: W93.86838861°

Action	Name	Date	
Design	DMP	10/31/21	
Dra wn	BDS	08/27/22	
Approved	DMP	08/27/22	
Last Revised	_		
Scale	HOR.: 1"=20', VERT. 1"=5'		
Sheet	17 Of	30	



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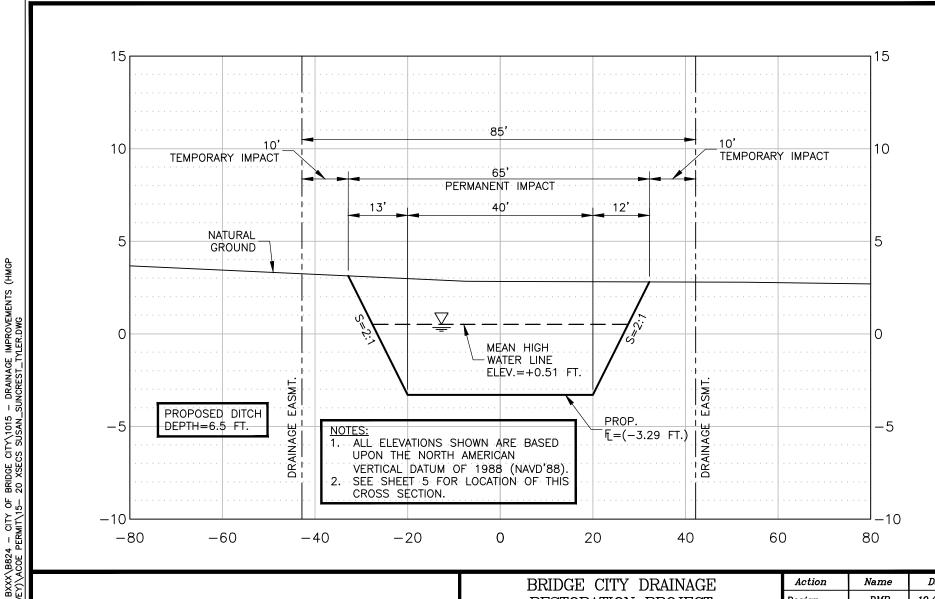
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BRIDGE CITY DRAINAGE RESTORATION PROJECT FEMA, HMGP DR-4332-TX BRIDGE CITY, ORANGE COUNTY, TEXAS SECTION "5D"

> LAT: N30.02870570° LONG: W93.86442812°

1	Action	Name	Date
ı	Design	DMP	10/31/21
ı	Drawn	BDS	08/27/22
ı	Approved	DMP	08/27/22
ı	Last Revised	-	=
ı	Scale	HOR.: 1"=20',	VERT. 1"=5"
	Sheet	18 Of	30

 DRAINAGE IMPROVEMENTS (HMGP.SUNCREST_TYLER.DWG BXXX\B824 - CITY OF BRIDGE CITY\1015 FY)\ACOE PERMIT\15- 20 XSECS SUSAN_



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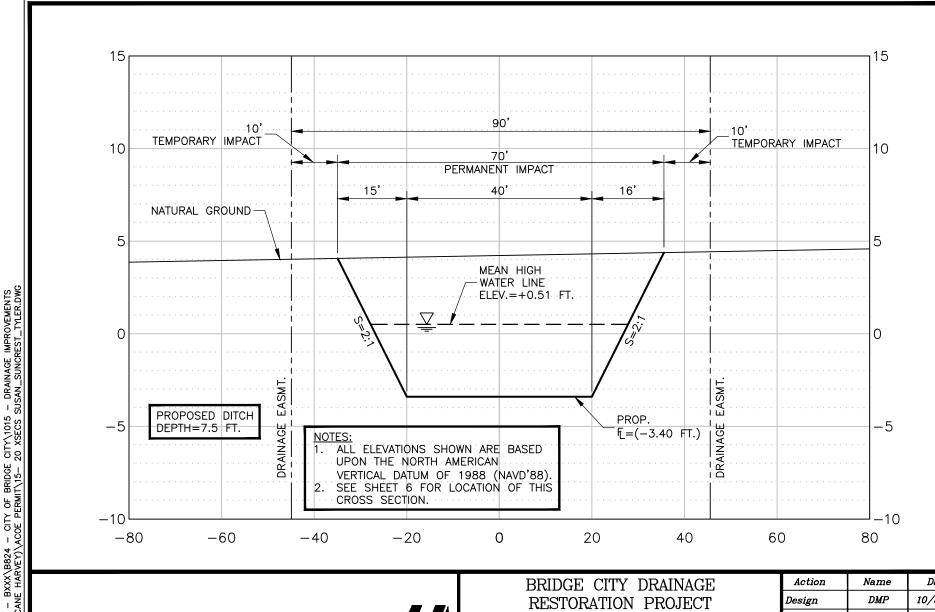
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Plot Date: 9/26/2022

BRIDGE CITY DRAINAGE
RESTORATION PROJECT
FEMA, HMGP DR-4332-TX
BRIDGE CITY, ORANGE COUNTY, TEXAS
SECTION "5E"

LAT: N30.02838907° LONG: W93.86217731°

Action	Name	Date
Design	DMP	10/31/21
Dra wn	BDS	08/27/22
Approved	DMP	08/27/22
Last Revised	-	=
Scale	HOR.: 1"=20',	VERT. 1"=5"
Sheet	19Of	30



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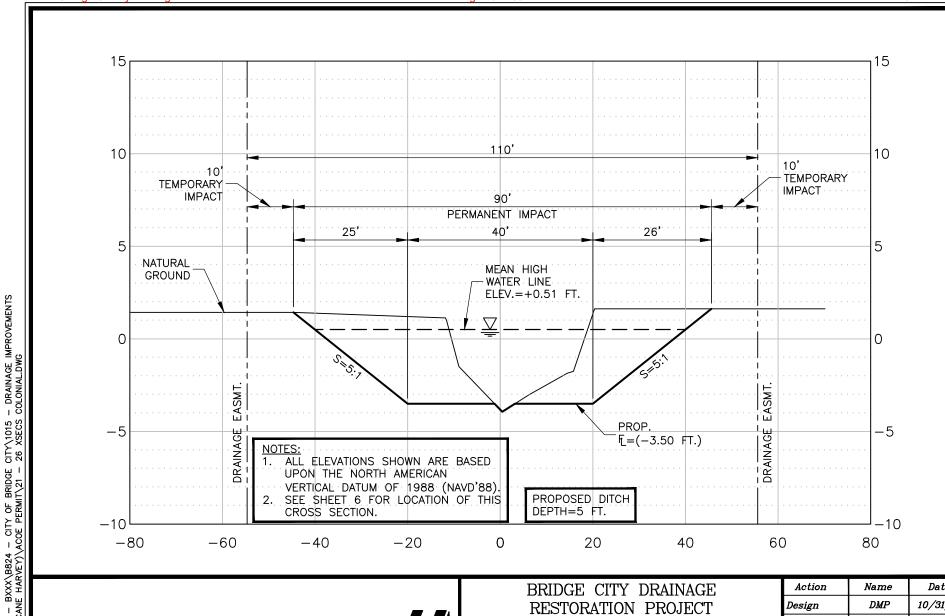
Plot Date: 9/26/2022

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BRIDGE CITY DRAINAGE RESTORATION PROJECT FEMA, HMGP DR-4332-TX BRIDGE CITY, ORANGE COUNTY, TEXAS SECTION "6A"

> LAT: N30.02850060° LONG: W93.85893415°

Action	Name	Date
Design	DMP	10/31/21
Drawn	BDS	08/27/22
Approved	DMP	08/27/22
Last Revised	=	
Scale	HOR.: 1"=20',	VERT. 1"=5'
Sheet	20 Of	30



none 409.833.3363

2615 Calder Avenue, Suite 500 Beaumont, Texas 77702

Phone 409.833.3363 Fax 409.833.0317 FRN - F-1386

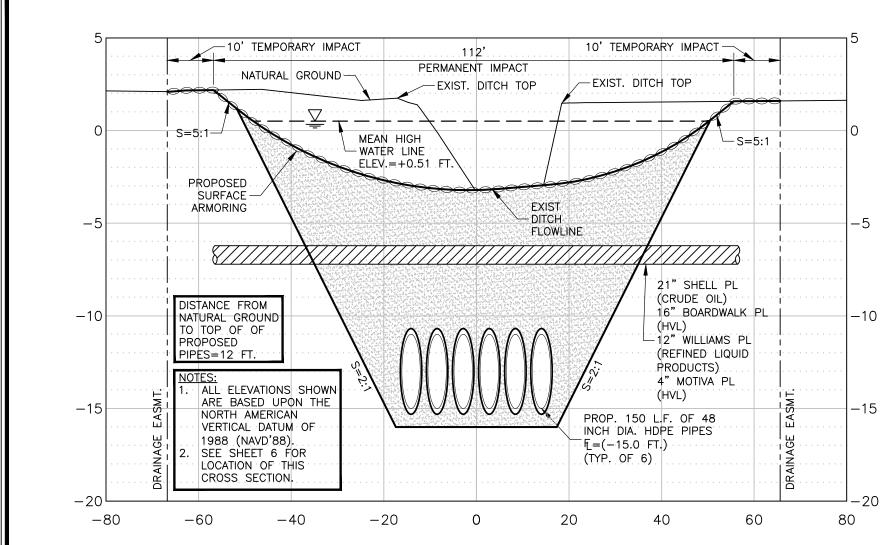
Plot Date: 9/26/2022

\PROJECTS I

BRIDGE CITY DRAINAGE
RESTORATION PROJECT
FEMA, HMGP DR-4332-TX
BRIDGE CITY, ORANGE COUNTY, TEXAS
SECTION "6B"

LAT: N30.02904366° LONG: W93.85792774°

Action	Name	Date
Design	DMP	10/31/21
Dra wn	BDS	08/27/22
Approved	DMP	08/27/22
Last Revised	-	
Scale	HOR.: 1"=20', VERT. 1"=5'	
Sheet	21 Of	30



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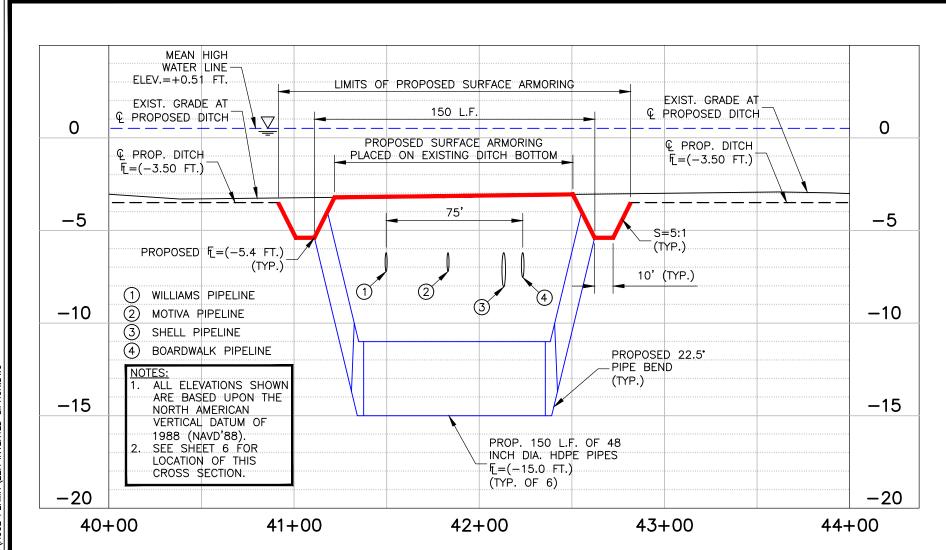
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Plot Date: 9/26/2022

BRIDGE CITY DRAINAGE RESTORATION PROJECT FEMA, HMGP DR-4332-TX BRIDGE CITY, ORANGE COUNTY, TEXAS SECTION "6C"

> LAT: N30.02805618° LONG: W93.85865898°

Action	Name	Date
Design	DMP	10/31/21
Drawn	BDS	08/27/22
Approved	DMP	08/27/22
Last Revised	-	=
Scale	HOR.: 1"=20',	VERT. 1"=5"
Sheet		30



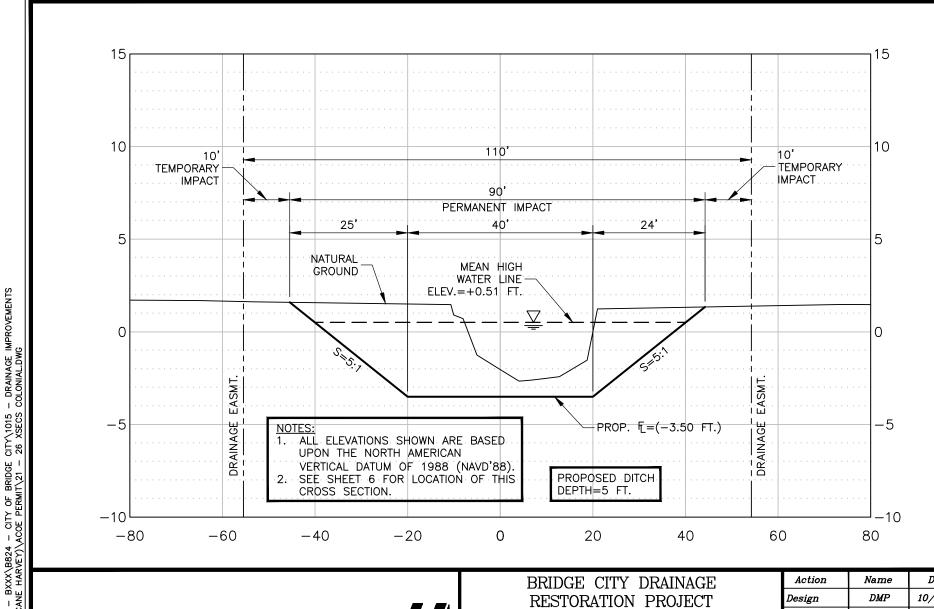
2615 Calder Avenue, Suite 500 Beaumont, Texas 77702

Phone 409.833.3363 Fax 409.833.0317 FRN - F-1386 BRIDGE CITY DRAINAGE
RESTORATION PROJECT
FEMA, HMGP DR-4332-TX
BRIDGE CITY, ORANGE COUNTY, TEXAS
SECTION "6D"

LAT: N30.02805618° LONG: W93.85865898°

Action	Name	Date
Design	DMP	10/31/21
Drawn	BDS	08/27/22
Approved	DMP	08/27/22
Last Revised	_	
Scale	HOR.: 1"=50',	VERT. 1"=5'
Sheet	22A Of	30

LJA Engineering, Inc.



Phone 409.833.3363

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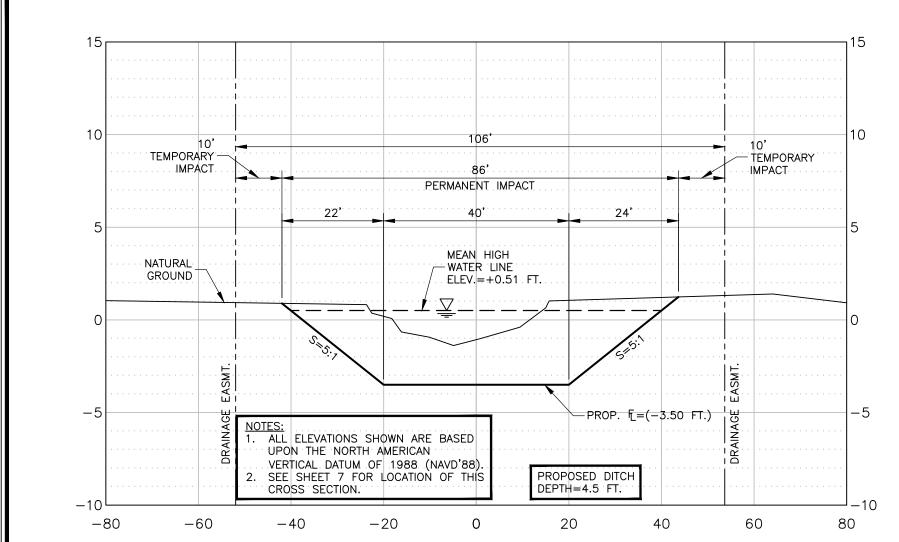
Plot Date: 9/26/2022

\PROJECTS I

BRIDGE CITY DRAINAGE RESTORATION PROJECT FEMA, HMGP DR-4332-TX BRIDGE CITY, ORANGE COUNTY, TEXAS SECTION "6E"

> LAT: N30.02641703° LONG: W93.85938467°

Action	Name	Date
Design	DMP	10/31/21
Dra wn	BDS	08/27/22
Approved	DMP	08/27/22
Last Revised	-	_
Scale	HOR.: 1"=20',	VERT. 1"=5'
Sheet	230f	30



409 833 3363

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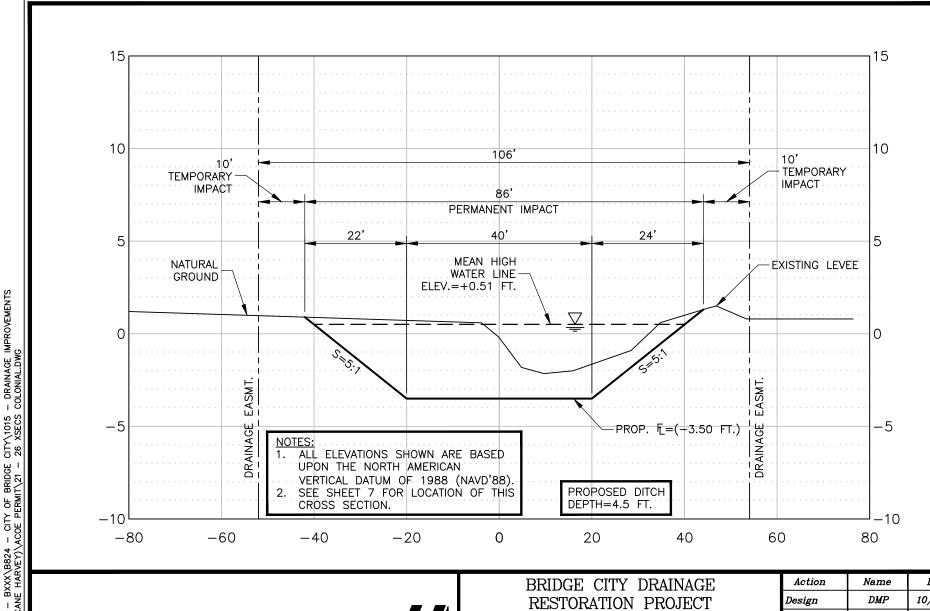
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Plot Date: 9/26/2022

BRIDGE CITY DRAINAGE
RESTORATION PROJECT
FEMA, HMGP DR-4332-TX
BRIDGE CITY, ORANGE COUNTY, TEXAS
SECTION "7A"

LAT: N30.02395631° LONG: W93.85671847°

Action	Name	Date
Design	DMP	10/31/21
Drawn	BDS	08/27/22
Approved	DMP	08/27/22
Last Revised	_	
Scale	HOR.: 1"=20',	VERT. 1"=5'
Sheet	24 Of	30



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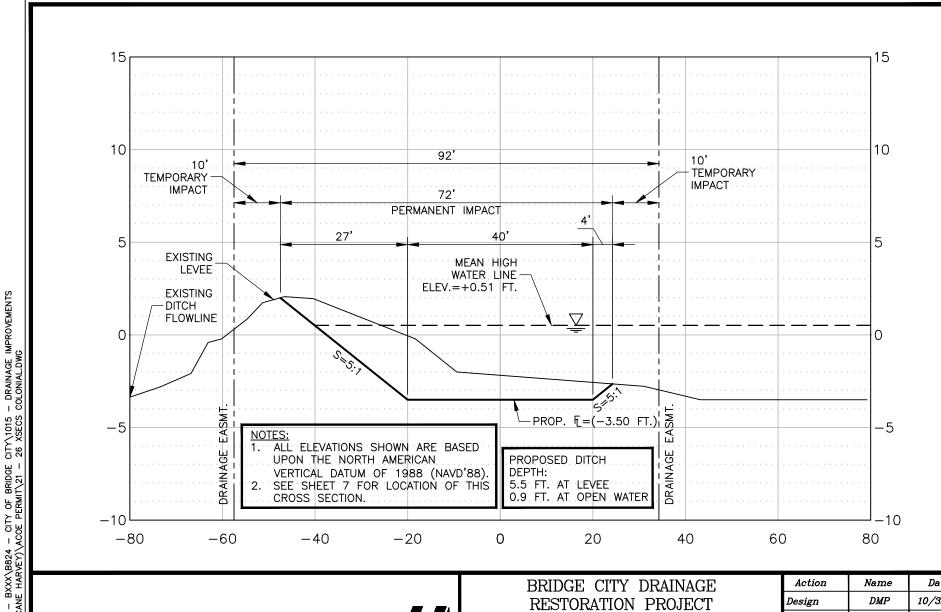
FRN - F-1386

Plot Date: 9/26/2022

BRIDGE CITY DRAINAGE RESTORATION PROJECT FEMA, HMGP DR-4332-TX BRIDGE CITY, ORANGE COUNTY, TEXAS SECTION "7B"

> LAT: N30.02044737° LONG: W93.85707111°

Action	Name	Date
Design	DMP	10/31/21
Drawn	BDS	08/27/22
Approved	DMP	08/27/22
Last Revised	-	=
Scale	HOR.: 1"=20',	VERT. 1"=5"
Sheet	25 Of	30



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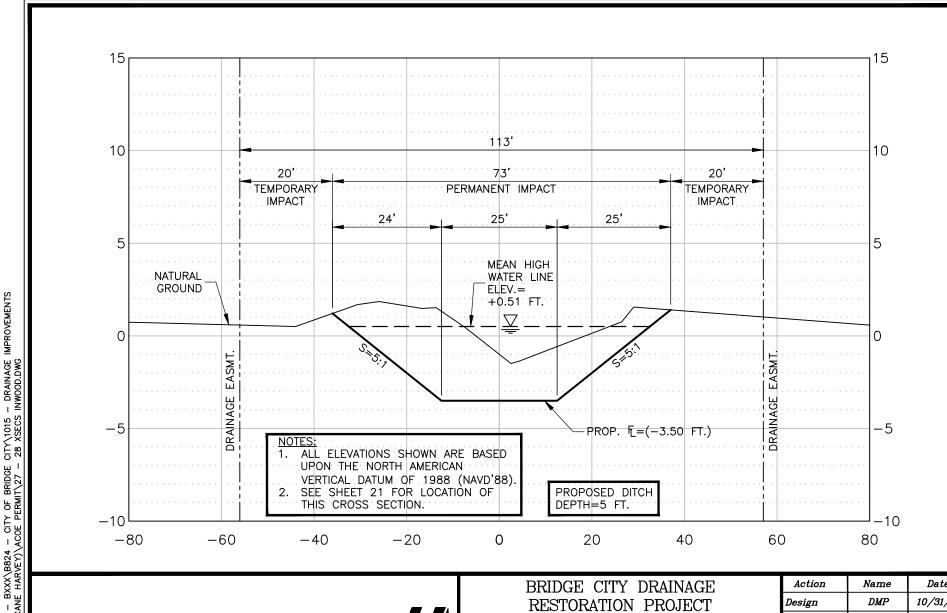
Plot Date: 9/26/2022

\PROJECTS I

BRIDGE CITY DRAINAGE
RESTORATION PROJECT
FEMA, HMGP DR-4332-TX
BRIDGE CITY, ORANGE COUNTY, TEXAS
SECTION "7C"

LAT: N30.01976579° LONG: W93.85681459°

Action	Name	Date	
Design	DMP	10/31/21	
Dra wn	BDS	08/27/22	
Approved	DMP	08/27/22	
Last Revised	_		
Scale	HOR.: 1"=20', VERT. 1"=5'		
Sheet	26 Of30		



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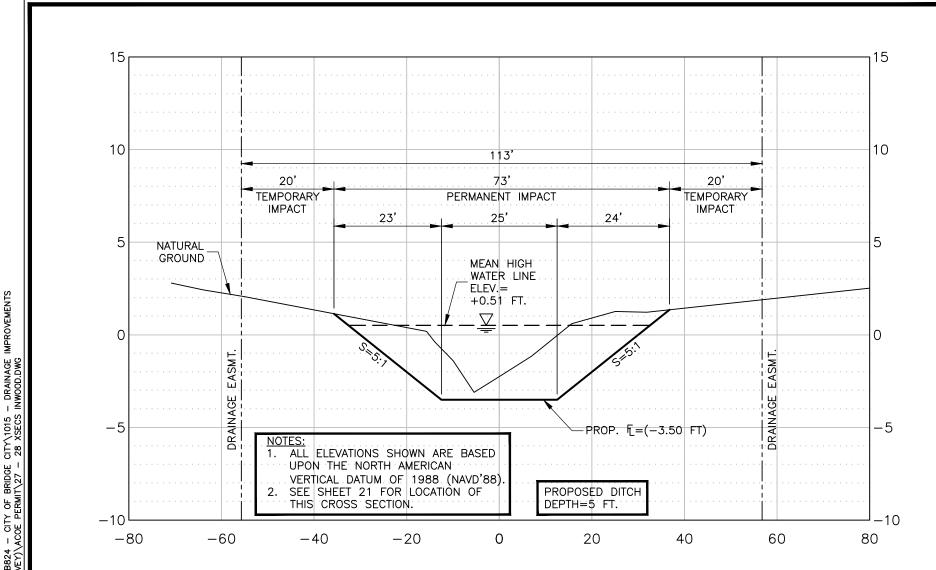
Plot Date: 9/26/2022

BRIDGE CITY DRAINAGE
RESTORATION PROJECT
FEMA, HMGP DR-4332-TX
BRIDGE CITY, ORANGE COUNTY, TEXAS
SECTION "8A"

LAT: N30.02242208° LONG: W93.85296854°

Action	Name	Date
Design	DMP	10/31/21
Dra wn	BDS	08/27/22
Approved	DMP	08/27/22
Last Revised	_	
Scale	HOR.: 1"=20', VERT. 1"=5'	
Sheet	27 Of	30

Received: 2 December 2022



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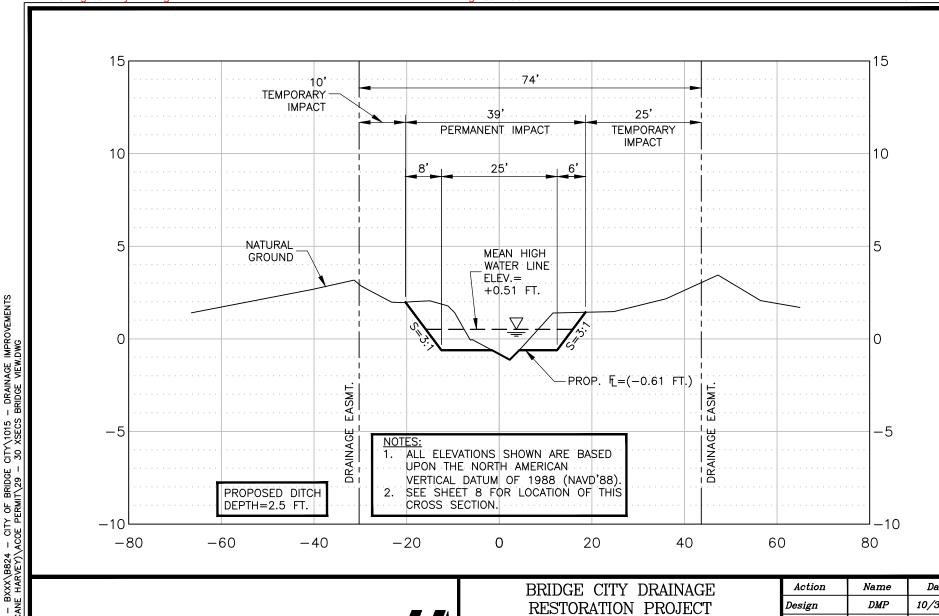
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Plot Date: 9/26/2022

BRIDGE CITY DRAINAGE
RESTORATION PROJECT
FEMA, HMGP DR-4332-TX
BRIDGE CITY, ORANGE COUNTY, TEXAS
SECTION "8B"

LAT: N30.02390956° LONG: W93.84981332°

Action	Name	Date
Design	DMP	10/31/21
Drawn	BDS	08/27/22
Approved	DMP	08/27/22
Last Revised	-	_
Scale	HOR.: 1"=20',	VERT. 1"=5'
Sheet	28 Of	30



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SECTION "8C" LAT: N30.02378323° LONG: W93.85536413°

BRIDGE CITY DRAINAGE	Action	Name	Date
RESTORATION PROJECT	Design	DMP	10/31/21
FEMA, HMGP DR-4332-TX	Drawn	BDS	08/27/22
BRIDGE CITY, ORANGE COUNTY, TEXAS	Approved	DMP	08/27/22
SECTION "8C"	Last Revised	_	
	Scale	HOR.: 1"=20',	VERT. 1"=5'

29

Sheet

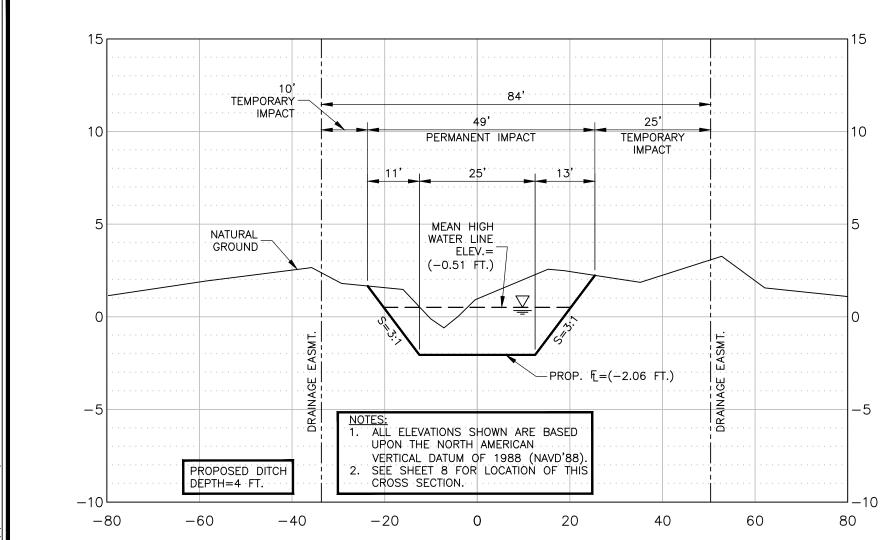
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Of

Plot Date: 9/26/2022

\PROJECTS I





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Plot Date: 9/26/2022

BRIDGE CITY DRAINAGE RESTORATION PROJECT FEMA, HMGP DR-4332-TX BRIDGE CITY, ORANGE COUNTY, TEXAS SECTION "8D"

LAT:	N30.02296477°
LONG:	W93.85533694°

Action	Name	Date	
Design	DMP	10/31/21	
Dra wn	BDS	08/27/22	
Approved	DMP	08/27/22	
Last Revised	-		
Scale	HOR.: 1"=20', VERT. 1"=5'		
Sheet 30 Of 30			