

PREPARED BY:

CYPRESS ENVIRONMENTAL

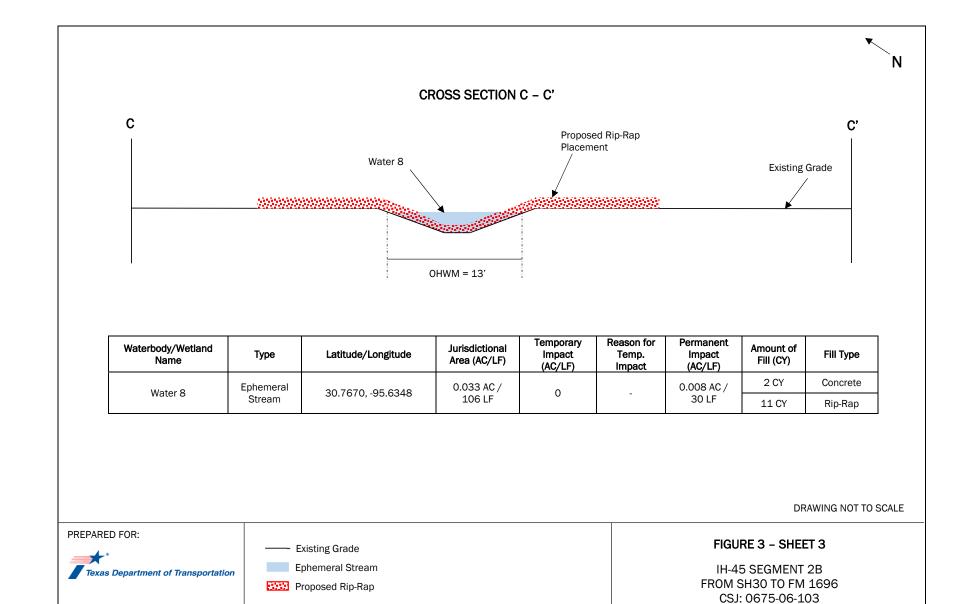
CONSULTING

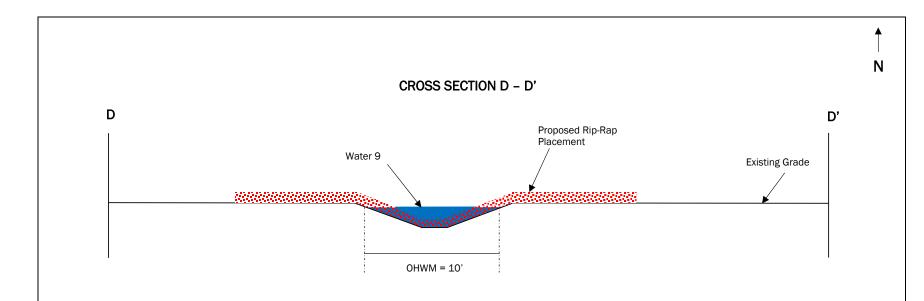
WALKER COUNTY, TEXAS

Prepared By: J. Prescott

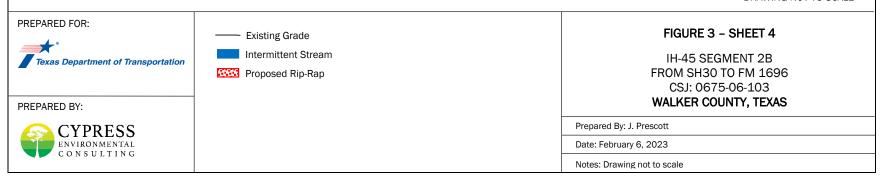
Date: February 6, 2023

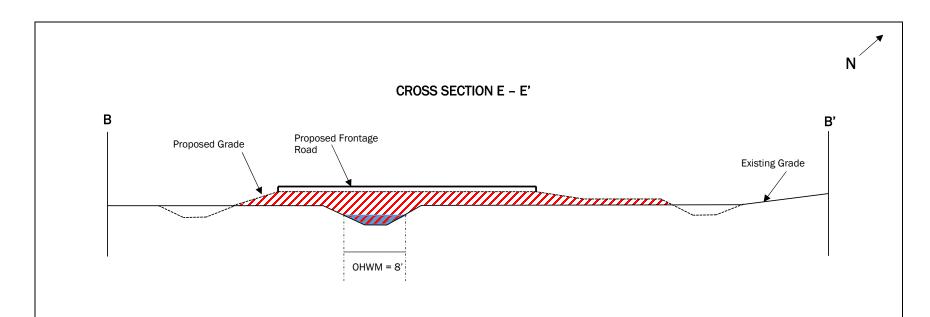
Notes: Drawing not to scale



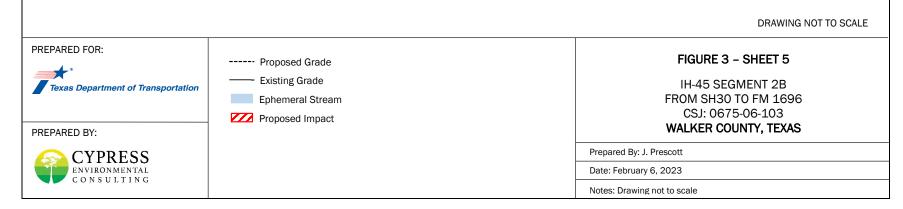


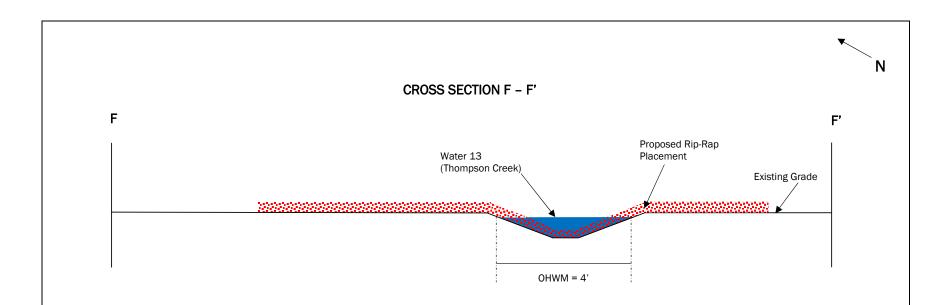
Waterbody/Wetland Name	Туре	Latitude/Longitude	Jurisdictional Area (AC/LF)	Temporary Impact (AC/LF)	Reason for Temp. Impact	Permanent Impact (AC/LF)	Amount of Fill (CY)	Fill Type
Water 9 (Unnamed Tributary to Crabb	Intermittent	30.765695.6335	0.179 AC/	0		0.036 AC/	37 CY	Concrete
Creek)	Stream	30.7030, -93.0333	746 LF	U	-	208 LF	21 CY	Rip-Rap



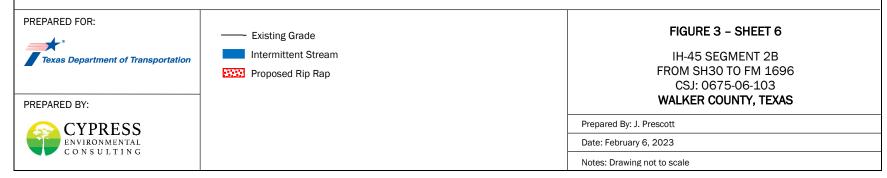


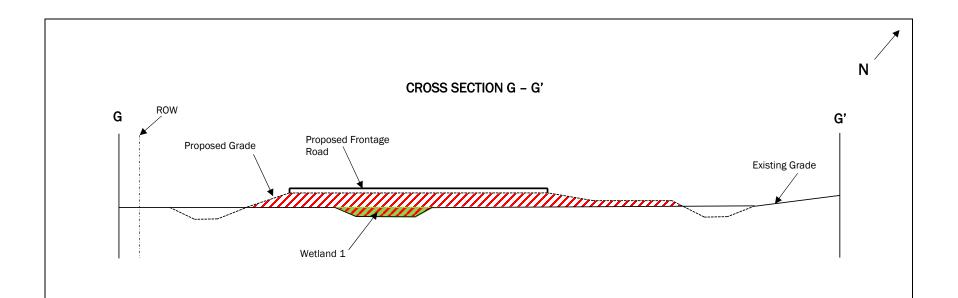
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Water 10	Ephemeral Stream	30.7647, -95.6320	0.11 AC / 632 LF	0	-	0.012 AC / 160 LF	19 CY	Concrete





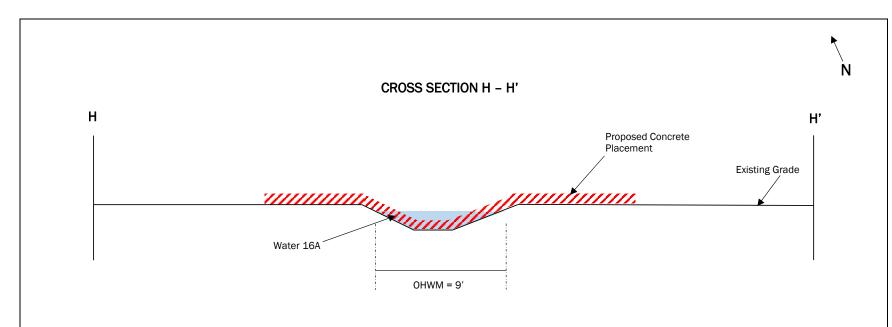
Waterbody/Wetland Name	Туре	Latitude/Longitude	Jurisdictional Area (AC/LF)	Temporary Impact (AC/LF)	Reason for Temp. Impact	Permanent Impact (AC/LF)	Amount of Fill (CY)	Fill Type
Water 13 (Thompson	Intermittent	30.756095.6186	0.073 AC/	0		0.034 AC/	42 CY	Concrete
Creek)	Stream	30.7360, -93.6166	795 LF	U	-	247 LF	13 CY	Rip-Rap



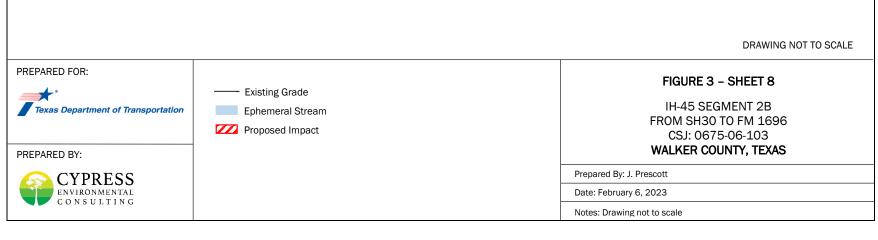


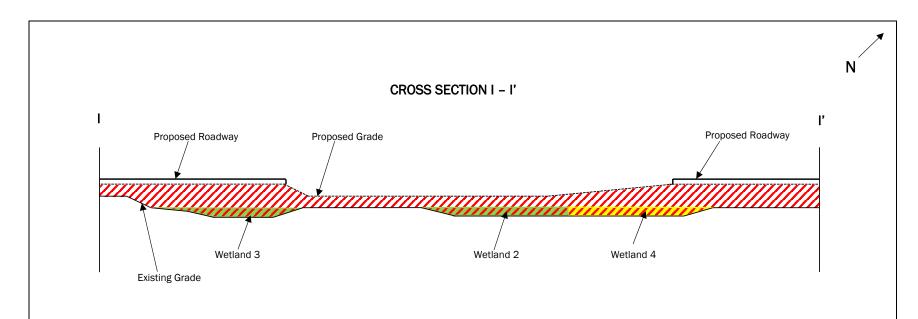
Waterbody/Wetland Name	Туре	Latitude/Longitude	Jurisdictional Area (AC/LF)	Temporary Impact (AC/LF)	Reason for Temp. Impact	Permanent Impact (AC/LF)	Amount of Fill (CY)	Fill Type
Wetland 1	PEM Wetland	30.7466, -95.6052	0.86 AC	0	-	0.286 AC	461 CY	Clean fill dirt





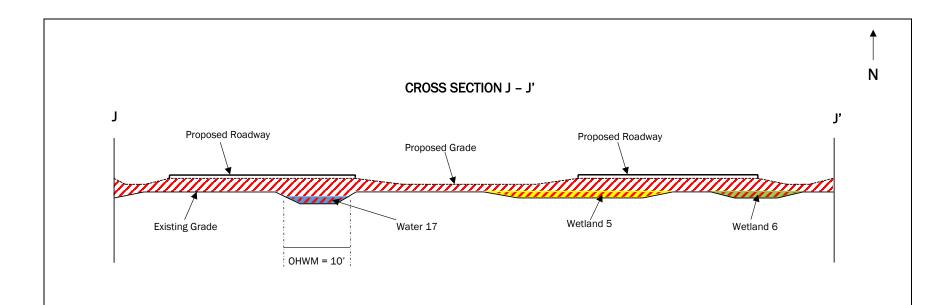
Waterbody/Wetland Name	Туре	Latitude/Longitude	Jurisdictional Area (AC/LF)	Temporary Impact (AC/LF)	Reason for Temp. Impact	Permanent Impact (AC/LF)	Amount of Fill (CY)	Fill Type
Water 16A	Ephemeral	30.746695.6045	0.169 AC/	0		0.060 AC/	82 CY	Concrete
Water 16A	Stream	30.7400, -93.0043	808 LF	U	-	287 LF	15 CY	Rip-Rap



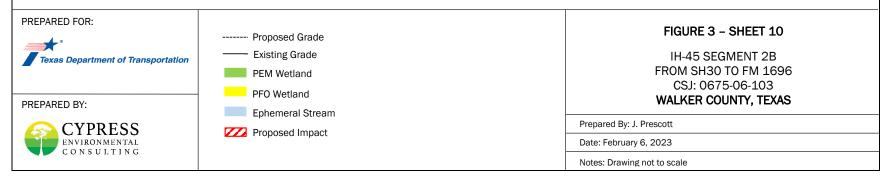


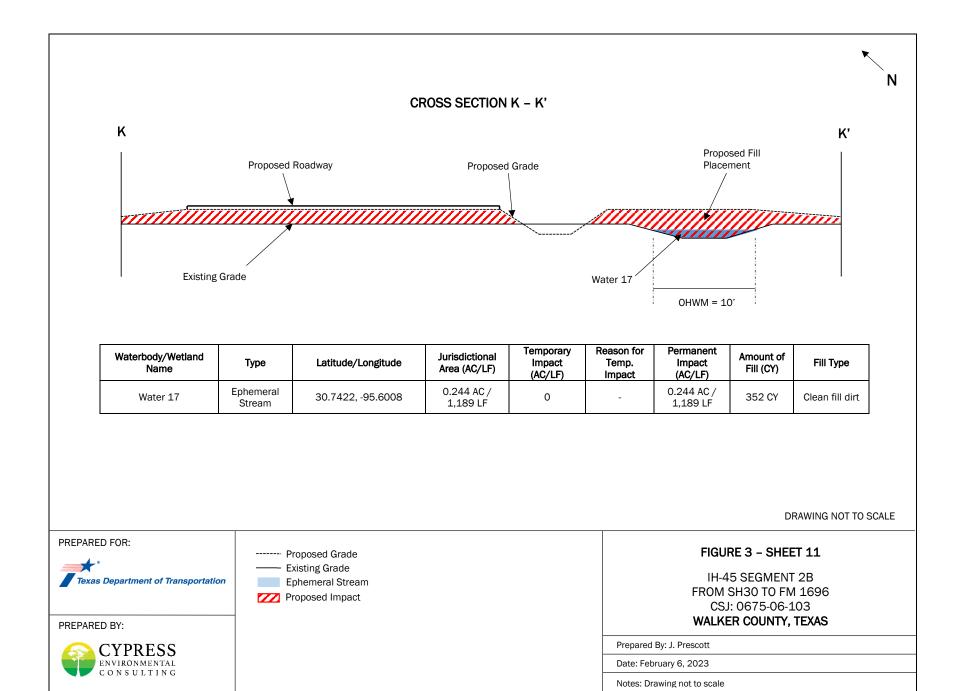
Waterbody/Wetland Name	Туре	Latitude/Longitude	Jurisdictional Area (AC/LF)	Temporary Impact (AC/LF)	Reason for Temp. Impact	Permanent Impact (AC/LF)	Amount of Fill (CY)	Fill Type
Wetland 2	PEM Wetland	30.7437, -95.5992	0.052 AC	0	-	0.052 AC	84 CY	Clean fill dirt
Wetland 3	PEM Wetland	30.7436, -95.5995	0.106 AC	0	-	0.106 AC	171 CY	Clean fill dirt
Wetland 4	PFO Wetland	30.7439, -95.5998	0.084 AC	0	-	0.084 AC	136 CY	Clean fill dirt

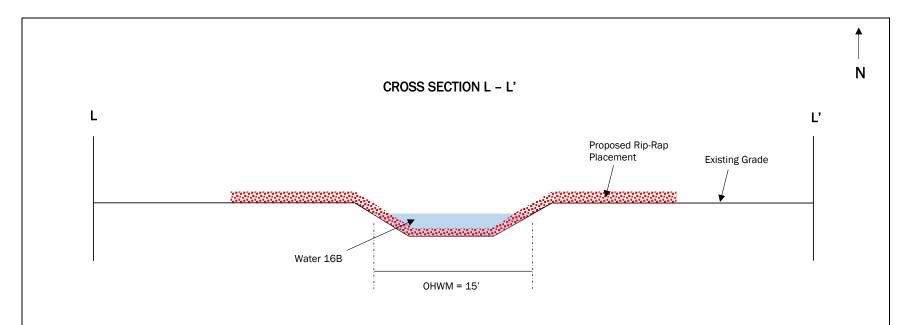
PREPARED FOR: --- Proposed Grade FIGURE 3 - SHEET 9 Existing Grade IH-45 SEGMENT 2B Texas Department of Transportation PEM Wetland FROM SH30 TO FM 1696 PFO Wetland CSJ: 0675-06-103 Proposed Impact WALKER COUNTY, TEXAS PREPARED BY: Prepared By: J. Prescott CYPRESS ENVIRONMENTAL CONSULTING Date: February 6, 2023 Notes: Drawing not to scale



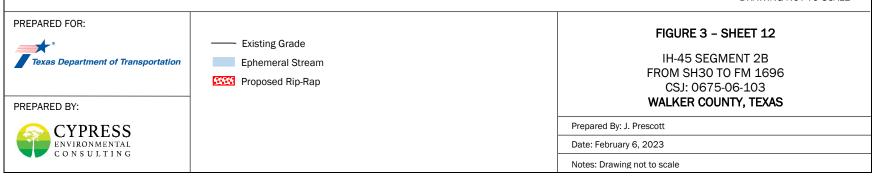
Waterbody/Wetland Name	Туре	Latitude/Longitude	Jurisdictional Area (AC/LF)	Temporary Impact (AC/LF)	Reason for Temp. Impact	Permanent Impact (AC/LF)	Amount of Fill (CY)	Fill Type
Wetland 5	PFO Wetland	30.7429, -95.5998	0.153 AC	0	-	0.153 AC	247 CY	Clean fill dirt
Wetland 6	PEM Wetland	30.7427, -95.5993	0.073 AC	0	-	0.073 AC	118 CY	Clean fill dirt
Water 17	Ephemeral Stream	30.7422, -95.6008	0.244 AC / 1,189 LF	0	-	0.244 AC / 1,189 LF	352 CY	Clean fill dirt

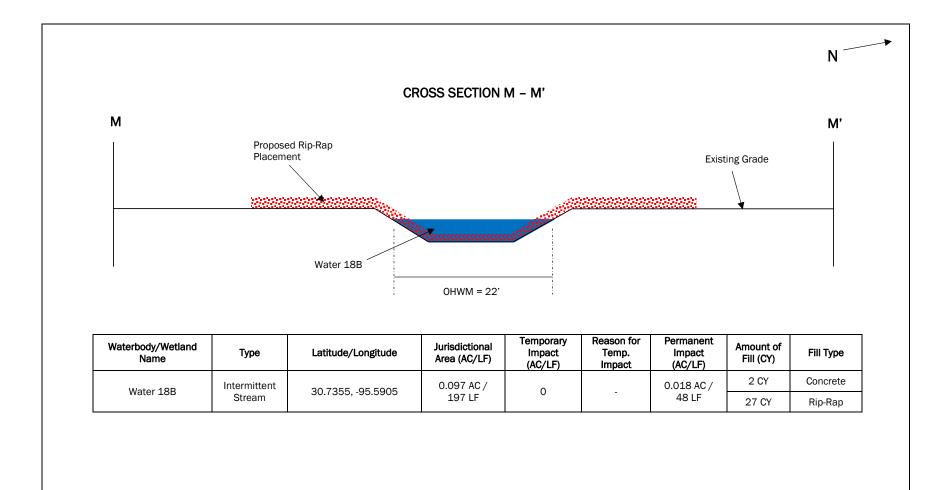






Waterbody/Wetland Name	Туре	Latitude/Longitude	Jurisdictional Area (AC/LF)	Temporary Impact (AC/LF)	Reason for Temp. Impact	Permanent Impact (AC/LF)	Amount of Fill (CY)	Fill Type
Water 16B	Ephemeral	30.741695.6028	0.148 AC/	0		0.075 AC/	88 CY	Concrete
water 166	Stream	30.7416, -95.6026	437 LF	U	-	210 LF	33 CY	Rip-Rap







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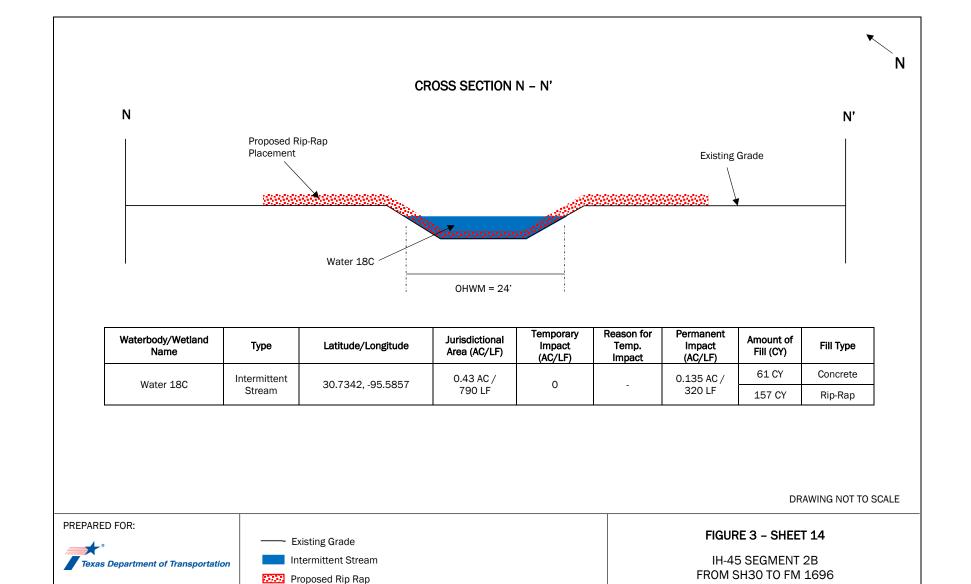
CONSULTING

CSJ: 0675-06-103
WALKER COUNTY, TEXAS

Prepared By: J. Prescott

Date: February 6, 2023

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Section 404/10 Impacts Table

Version 3, July 2021

Interstate Highway 45 Segment 2B

CSJ 0675-06-103

SWG-2020-00263

9/29/2022

		Waterhod	y or wetland charac	toristics			Potentially Ju	urisdictional?		Total Se	ction 404 impacts for	or WATERBODY C	R WETLAND				Total section 404	impacts for CROS	SING			Authoria	ration	
		Waterboa	y or wettand charac	teristics		1	1 Otteritionly 30	an isanctionar.		Temporary			Permanent	1		Temporary	1		Permanen	t		Addition	ution	· · · · · · · · · · · · · · · · · · ·
Crossing number	Waterbody or wetland number	Name	Туре	Latitude, Longitude	Acres within project area (all waterbodies and wetlands)	Linear feet/acres within project area (streams only)	Section 404 (waters of the U.S.)	Section 10 (navigable waters)	Temporary waterbody or wetland impacts (acres)	Temporary stream impacts (linear feet/acres)	Cubic yards (CY) of fill material to be temporarily discharged		stream impacts (linear	Cubic yards (CY) of fill material to be permanently discharged	Temporary waterbody or wetland impacts (acres)	Temporary stream impacts (linear feet/acres)	Cubic yards (CY) of fill material to be temporarily discharged		Permanent stream impacts (linear feet/acres)	Cubic yards (CY) of fill material to be permanently discharged	Authorization Type	Number (NWP and RGP only)	Reason (PCN only)	Mitigation Required?
	1	Water 1	Drainage ditch	30.7772,	0.109	523	No	No	N/A	N/A	N/A	N/A	N/A	N/A										
1A	2	Water 2	Ephemeral stream	-95.6490 30.7714, -95.6420	0.31	1545	Yes	No	0	0	0	0	34/0.003	5	0	0	0	0	110/0.026	42	SP (404 only, 404/10)	N/A	N/A	Yes
1B	3	Water 3 (Crabb	Intermittent	30.7699, -95.6400	0.186	637	Yes	No	0	0	0	0	76/0.023	37							,,			
	7	Creek) Water 7	stream Drainage ditch	30.7690, -95.6381	0.022	125	No	No	N/A	N/A	N/A	N/A	N/A	N/A										
2A	8	Water 8	Ephemeral stream	30.7670, -95.6348	0.033	106	Yes	No	0	0	0	0	30/0.008	13	0	0	0	0	398/0.056	90	SP (404 only, 404/10)	N/A	N/A	Yes
2B	9	Water 9	Intermittent	30.7656, -95.6335	0.179	746	Yes	No	0	0	0	0	208/0.036	58							404/10/			
2C	10	Water 10	Ephemeral stream	30.7647, -95.6320	0.11	632	Yes	No	0	0	0	0	160/0.012	19										
	11	Water 11	Drainage ditch	30.7622, -95.6282	0.133	665	No	No	N/A	N/A	N/A	N/A	N/A	N/A										
	12	Water 12	Drainage ditch	30.7598, -95.6258	0.025	233	No	No	N/A	N/A	N/A	N/A	N/A	N/A										
3	13	Water 13 (Thompson Creek)	n Intermittent stream	30.7560, -95.6186	0.073	795	Yes	No	0	0	0	0	247/0.034	55	0	0	0	0	247/0.034	55	SP (404 only, 404/10)	N/A	N/A	Yes
	14	Water 14	Drainage ditch	30.7537, -95.6145	0.009	117	No	No	N/A	N/A	N/A	N/A	N/A	N/A										
	15	Water 15	Drainage ditch	30.7498, -95.6090	0.073	410	No	No	N/A	N/A	N/A	N/A	N/A	N/A										
4A	16	Wetland 1	Palustrine emergent	30.7466, -95.6052	0.286	N/A	Yes	No	0	0	0	0.286	0	461	0	0	0	0.286	287/0.060	558	SP (404 only, 404/10)	N/A	N/A	Yes
4B	17	Water 16A	Ephemeral stream	30.7466, -95.6045	0.169	808	Yes	No	0	0	0	0	287/0.060	97										
5A	18	Water 16B	Ephemeral stream	30.7416, -95.6028	0.148	437	Yes	No	0	0	0	0	210/0.075	121	0	0	0	0.468	1,399/0.319	1270	SP (404 only, 404/10)	N/A	N/A	Yes
5B	19	Water 17	Ephemeral stream	30.7422, -95.6008	0.244	1,189	Yes	No	0	0	0	0	1,189/0.244	352										
5C	20	Wetland 2	Palustrine emergent	30.7437, -95.5992	0.052	N/A	Yes	No	0	0	0	0.052	0	84										
5D	21	Wetland 3	Palustrine emergent	30.7436, -95.5995	0.106	N/A	Yes	No	0	0	0	0.106	0	171										
5E	22	Wetland 4	Palustrine forested	30.7439, -95.5992	0.084	N/A	Yes	No	0	0	0	0.084	0	136										
5F	23	Wetland 5	Palustrine forested	30.7429, -95.5998	0.153	N/A	Yes	No	0	0	0	0.153	0	247										
5G	24	Wetland 6	Palustrine emergent	30.7427, -95.5993	0.073	N/A	Yes	No	0	0	0	0.073	0	118										
6A	25	Water 18A	Intermittent stream	30.7352, -95.5912	0.019	84	Yes	No	0	0	0	0	0	0	0	0	0	0	368/0.153	247	SP (404 only, 404/10)	N/A	N/A	Yes
6B	26	Water 18B	Intermittent stream	30.7355, -95.5905	0.097	197	Yes	No	0	0	0	0	48/0.018	29										
6C	27	Water 18C	Intermittent stream	30.7342, -95.5857	0.43	790	Yes	No	0	0	0	0	320/0.135	218										

Water 21

32

Drainage ditch

30.7266, -95.5763

30.7197, -95.5706

0.012

0.177

29

620

No

No

N/A

N/A

N/A

N/A

N/A

N/A

										Section	on 404/10 li	mpacts Ta	ble										
										V	ersion 3, Ju	uly 2021											
										Interstat	te Highway	45 Segme	ent 2B										
											CSJ 0675-0	06-103											
											SWG-2020	-00263											
											9/29/2	022											1
											3/23/2	UZZ											
	Waterho	ndy or wetland charac	teristics			Potentially I	urisdictional?			tion 404 impacts f		R WETLAND				Total section 40	4 impacts for CROS				Authorization		
	Waterbo	ody or wetland charac	teristics	1		Potentially J	urisdictional?		Total Sec Temporary	tion 404 impacts f			I		Temporary	Total section 40-	4 impacts for CROS	SING Permanen	t		Authorization		
Crossing Waterbody or number wetland number	Waterbo	dy or wetland charac	Latitude, Longitude	Acres within project area (all waterbodies and wetlands)	Linear feet/acres within project area (streams only)	Section 404 (waters of the U.S.)	Section 10	Temporary waterbody or wetland impacts (acres)		Cubic yards (CY) of fill material to be temporarily discharged	or WATERBODY O	Permanent Permanent stream impacts (linear	Cubic yards (CY) of fill material to be permanently discharged		Temporary stream impacts (linear	Cubic yards (CY) o	of Permanent	Permanen	cubic yards (CY) of fill material to be permanently discharged	Authorization Type	Number (NWP Reaso	n (PCN Mitiga Ily) Requir	
			Latitude,	project area (all waterbodies and	feet/acres within project area (streams	Section 404 (waters of the	Section 10 (navigable	waterbody or wetland	Temporary Temporary stream impacts (linear	Cubic yards (CY) of fill material to be temporarily	Permanent waterbody or wetland	Permanent Permanent stream impacts (linear	fill material to be permanently	waterbody or wetland	Temporary stream impacts (linear	Cubic yards (CY) of fill material to be temporarily	of Permanent e waterbody or wetland	Permanent Stream impacts (linear	Cubic yards (CY) of fill material to be permanently	Authorization Type	Number (NWP Reaso	, ,	
number wetland number	Name	Туре	Latitude, Longitude	project area (all waterbodies and wetlands)	feet/acres within project area (streams only)	Section 404 (waters of the U.S.)	Section 10 (navigable waters)	waterbody or wetland impacts (acres)	Temporary Temporary stream impacts (linear feet/acres)	Cubic yards (CY) of fill material to be temporarily discharged	Permanent waterbody or wetland impacts (acres)	Permanent Permanent Permanent stream impacts (linear feet/acres)	fill material to be permanently discharged	waterbody or wetland	Temporary stream impacts (linear	Cubic yards (CY) of fill material to be temporarily	of Permanent e waterbody or wetland	Permanent Stream impacts (linear	Cubic yards (CY) of fill material to be permanently	Authorization Type	Number (NWP Reaso	, ,	

N/A

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N/A

N/A

N/A