

November 28, 2011

Diana Serna
Director
Urban County Program
1916 Tesoro Blvd.
Pharr, TX 78539

**Re: *Hidalgo County Precinct # 1
Delta Outfall System Drainage Improvement Project
Project # 6536-94-0309-5200-9000***

Dear Ms. Serna

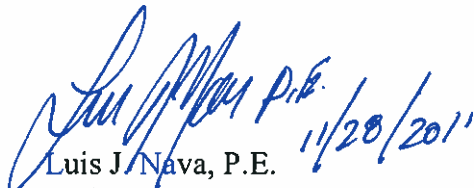
Please consider this letter as a request for approval of a change order and time extension to complete the above reference project.

The change order is required to comply with International Boundary and Water Commission (IBWC) and to stay inside the drain ditch right-of-way. The fourteen (14) days time extension is due to the delay from IBWC in approving the sluice gate submittal.

As of today we are still awaiting for calculation needed for the sluice gate submittal.

We anticipate that the work on the Delta Outfall System Drainage Improvements Project will be complete by Monday, December 05, 2011. Should you have any questions feel free to call me at 956-968-8800.

Respectfully,


Luis J. Nava, P.E.
Project Engineer

cc. Mr. Antonio Barco, Hidalgo County Urban County, Deputy Director
Ms. Ester González, Hidalgo County Urban County, Program Coordinator

CHANGE ORDER No. 1 TABULATION
 DELTA AREA OUTFALL DRAINAGE IMPROVEMENTS PROJECT
 URBAN COUNTY PROGRAM

Item Number	Original Plan Quantity	Change Order #1 Quantities	Unit	Item Description	Unit Price	Revised Unit Price	Original Contract Cost	Change in Contract Cost of C.O.#1	Revised Contract Cost after C.O.#1
ITEMS									
1	1.00	1.00	LS	Mobilization	\$ 59,613.39	\$ 59,613.39	\$ 59,613.39	0.00	59,613.39
2	6.00	6.00	STA	Prep. Right of Way	\$ 2,464.35	\$ 2,464.35	\$ 14,786.10	0.00	14,786.10
3	4,000.00	2,091.00	SY	Hydromulch Seeding (Permy/Watering included)	\$ 0.84	\$ 0.84	\$ 3,360.00	(1,603.56)	1,756.44
4	158.00	158.00	CY	6" Caliche (New)	\$ 66.50	\$ 66.50	\$ 10,507.00	0.00	10,507.00
5	762.00	356.00	CY	Cement Stabilized Backfill	\$ 140.29	\$ 140.29	\$ 106,900.98	(56,957.74)	49,943.24
6	3.00	3.00	MO	Barricades, Signs, & Traffic Handling	\$ 947.97	\$ 947.97	\$ 2,843.91	0.00	2,843.91
7	200.00	200.00	LF	Remove and Install Guard Rail	\$ 14.50	\$ 14.50	\$ 2,900.00	0.00	2,900.00
8	4.00	4.00	EA	4'x7' Steel Bollards (Concrete Filled)	\$ 557.63	\$ 557.63	\$ 2,230.52	0.00	2,230.52
9	78.00	78.00	SY	Construction Exits (TY 2)(Install)(Remove)	\$ 10.04	\$ 10.04	\$ 783.12	0.00	783.12
10	6,234.00	4,754.00	SY	Embankment	\$ 5.58	\$ 5.58	\$ 34,785.72	(8,258.40)	26,527.32
11	460.00	414.00	LF	Temp. Sediment Control Fence	\$ 2.23	\$ 2.23	\$ 1,025.80	(102.58)	923.22
12	7,175.00	4,113.00	CY	Channel Excavation	\$ 8.82	\$ 8.82	\$ 63,283.50	(27,006.84)	36,276.66
13	127.00	127.00	LF	Trench Excavation Protection	\$ 27.88	\$ 27.88	\$ 3,540.76	0.00	3,540.76
14	266.00	290.00	CY	Concrete Riprap (Cl. "A")	\$ 214.80	\$ 214.80	\$ 57,136.80	5,155.20	62,292.00
15	254.00	254.00	LF	10'x10' Dual Concrete Box (Cast in Place)	\$ 801.48	\$ 801.48	\$ 203,575.92	0.00	203,575.92
16	2.00	2.00	EA	Concrete Headwall w/ Wingwalls	\$ 6,407.22	\$ 6,407.22	\$ 12,814.44	0.00	12,814.44
17	2.00	2.00	EA	Concrete Collar	\$ 2,964.53	\$ 2,964.53	\$ 5,929.06	0.00	5,929.06
18	1.00	1.00	EA	Construct Gatewell Struc. w/ Sluice Gate, Hatch, Litter & apparatus	\$ 215,552.56	\$ 215,552.56	\$ 215,552.56	0.00	215,552.56
19	80.00	50.00	LF	18" Steel Pipe Sch 40 w/ Manholes & fittings	\$ 407.51	\$ 407.51	\$ 32,600.80	(12,225.30)	20,375.50
20	50.00	50.00	LF	12" Steel Pipe Sch 40 w/ fittings & suction	\$ 410.19	\$ 410.19	\$ 20,509.50	0.00	20,509.50
21	2.00	2.00	EA	12" Diesel Pump	\$ 30,916.07	\$ 30,916.07	\$ 61,832.14	0.00	61,832.14
Total Project:							\$ 916,512.02	\$ (100,999.22)	\$ 815,512.80

NO. GENERAL DESCRIPTION

- 1 COVER SHEET
- 2 INDEX SHEET, NOTES, ESTIMATED QUANTITIES SUMMARY/DRAWING LEGEND
- 3 PROJECT CONTROL LAYOUT
- 3A DRAINAGE AREA LAYOUT
- 4 NORTH LEVEE CROSSING
- 4A PUMP SYSTEM INTAKE DETAIL
- 5 CROSS SECTIONS
- 6 CONC. RIP-RAP CALICHE & EMBANKMENT IMPROVEMENT LAYOUT
- 7 PROPOSED CALICHE DRIVE & CHANNEL WIDENING DIMENSION PLAN
- 8 TYPICAL DETAILS
- 9 TYPICAL STORM SEWER BEDDING DETAILS
- 10 TYPICAL STRUCTURE DETAILS (1 OF 2)
- 11 TYPICAL STRUCTURE DETAILS (2 OF 2)
- 12 SLUICE GATE SERIES 501 (SELF-CONTAINED RISING STEW)
- 13 -M-10-16 MULTIPLE BOX CULVERTS CAST-IN-PLACE TO -0" SPAN 2' TO 16' FILL
- 14 -FV-0 CONCRETE WINDOW WALLS WITH FLARED WINGS FOR 0' SKEW BOX CULVERTS
- 15 RAFTIC CONTROL LAYOUT
- 16-27 -BC(1-12)-07
- 28 -TOP NOTES-98
- 29 -RS-TOP-05
- 30 -SWAP
- 31 -EC(1)-93
- 32 -EC(3)-93

NOTE:
SHEET 13 & 14: 16-32 ARE TxDOT STANDARDS SHEETS AND ARE INCORPORATED AND HAVE BEEN SELECTED AS BEING APPLICABLE TO THIS PROJECT AS REFERENCED.

1 UTILITIES AND STORM SEWERS

- A. ALL ABANDONED PIPES (OLD WATERLINES, DITCH CULVERTS, SHALLOW UTILITY SERVICES) WITHIN PROJECT LIMITS SHALL BE REMOVED AND PROPERLY DISPOSED OF. THIS APPLIES TO ALL ABANDONED PIPES THAT ARE WITHIN ONE FOOT OF SUBGRADE AND DITCH CULVERTS AND WHICH INTERFERE WITH THE PROPOSED WORK.
- B. THE CONTRACTOR SHALL TAKE PRECAUTIONS TO PROTECT EXISTING UTILITIES. ALL PIPES, UTILITIES, OR OTHER FACILITIES DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED TO THE COUNTY'S SATISFACTION, WITH NO SEPARATE PAYMENT.
- C. ALL OPEN EXCAVATION SHALL BE ENCLOSED WITH ORANGE SAFETY FENCE AND BARRIERS.
- D. CONTACT ALL UTILITY PROVIDERS/OWNER PRIOR TO CONSTRUCTION.
- E. AFTER COMPLETION OF DRAINAGE IMPROVEMENTS PROJECT CONTRACTOR SHALL REMOVE ALL EXISTING PIPE CULVERTS THROUGHOUT PROJECT LIMITS.

2 MISCELLANEOUS

- A. CONTRACTOR TO MAINTAIN ADEQUATE DRAINAGE THROUGHOUT DITCH AT ALL TIMES.
- B. ALL WORK SHALL BE PERFORMED DURING DAYLIGHT HOURS.
- C. THE STORM WATER POLLUTION PREVENTION PLAN SHALL CONSIST OF PLANS AND DETAILS AND PER THE SWP/PPP.
- D. METHOD TO CONSIST OF 6" CONCRETE AS SHOWN ON THE DETAIL, SHT. B.
- E. GUARDRAIL TO BE REMOVED ON PREP. R.O.W.
- F. NEW CALICHE MATERIAL, GRANULOMETER SHALL BE ANGLICIOUS LUMESTONE, CALICHE OR CALICHEOUS CLAY PARTICLES, WITH OR WITHOUT STONE, CONFORMANCE TABLE, SAND ON GRANULOMETER MATERIAL.

TYPE D GRADE 6

SHEET NO.	PERCENT REMAINED
1	0
2	20-60
3	40-75
4	75-85

3 TRAFFIC

- A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROMPT AND MAINTAINING TRAFFIC CONTROL THROUGHOUT THE PROJECT. TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE "TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", 108TH EDITION, CONTROL PLANS AND BARRIADIC AND CONSTRUCTION SHEETS.

5 BARRIADIC

- A. CONTRACTOR SHALL USE SUITABLE ON-SITE MATERIAL OR OFF-SITE IMPORTED MATERIAL MEETING THE REQUIREMENTS SPECIFIED IN THE CONTRACT DOCUMENTS (PLANS AND/OR SPECIFICATIONS) FOR CONSTRUCTING THE LEVEE AND FILL AREAS. THE CONTRACTOR MUST VERIFY THE SUFFICIENCY OF THE MATERIAL BEFORE USING IT. THE LEVEE, IN THE EVENT THE MATERIAL IS UNSUITABLE FOR LEVEE CONSTRUCTION, THE LEVEE OR BARRIADIC MATERIAL SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND CONSIDERED AS SURPLUS MATERIAL.

4 GENERAL NOTES

- A. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH HINDALCO COUNTY AND ALL OTHER GOVERNING ENTITIES.
- B. ALL CONSTRUCTION TO BE COMPLETED WITH HINDALCO COUNTY, 1B.W.C. AND H.C.C.10 NO.9.
- C. CONTRACTOR FRENCH SAFETY AS PER O.S.H.A. REQUIREMENTS.
- D. CONTRACTOR SHALL OBTAIN ALL REGULATORY PERMITS AND COST TO BE INCURRED TO BID ITEMS.
- E. ALL FINES AND/OR PENALTIES FOR FAILURE TO MAINTAIN AND/OR IMPROVE FRENCH SAFETY CONTROL SHALL BE THE RESPONSIBILITY OF CONTRACTOR.
- F. THE CONTRACTOR SHALL NOTIFY ENTITIES AFFECTED BY HIS CONSTRUCTION AND THE FOLLOWING ARE TELEPHONE NUMBERS FOR THE ENTITIES MOST LIKELY TO BE AFFECTED:
 D.C. TESS: CALL STREET (900) 344-8177
 TEXAS EXCAVATION SAFETY SYSTEM (800) 245-4345
 LONE STAR NOTIFICATION COMPANY (800) 689-8144
 SOUTHWESTERN BELL LOCAL GROUP (800) 828-5177
 AMERICAN ELECTRIC POWER (AEP TEXAS) (877) 373-4858
 UNDER MORGAN TOWNS PIPELINE (936) 765-8900
 A.M.A. (900) 545-6005
 G. IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL OTHER ENTITIES THAT WILL BE AFFECTED.
 H. THE CONTRACTOR SHALL OBTAIN ANY PERMITS REQUIRED BY THE LOCAL, STATE OR FEDERAL ENTITIES PRIOR TO CONSTRUCTION.
 I. WORKING DAYS AND NIGHT SHIFTS MUST BE NECESSARY TO FINISH THE LEVEE WORK BEFORE HURRICANE SEASON BEGINS.

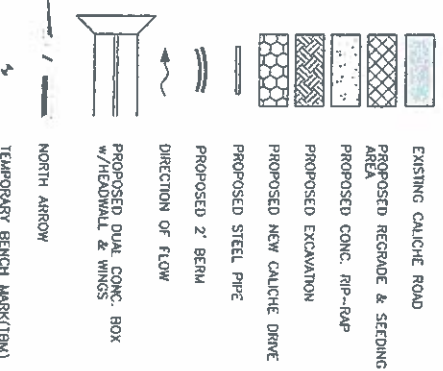
ESTIMATED QUANTITIES SUMMARY - TOTALS

ITEM	DESCRIPTION	UNIT	QUANTITY
CHANNEL CROSSING IMPROVEMENTS - DELTA AREA OUTFALL			
DRAINAGE STRUCTURE			
132	EMBANKMENT	CV	4754
164	HYDROQUALITY SEEDING (BERM) (WATERING INCLUDED)	SV	2091
247	6" CALICHE (NEW)	CV	158
400	STRUCTURE EXCAVATION	EA	254
400	CEMENT STABILIZED BACKFILL	CV	358
402	TRENCH EXCAVATION PROTECTION	EA	127
432	CONC. RIP-RAP (TYPE "A")	CV	260
462	10-110 DUAL CONC. BOX (CAST IN PLACE)	EA	254
466	CONC. HEADWALL w/WINGS	EA	2
502	BARRIADICUS, SIGNS, AND TRAFFIC HANDLING	NO	3
540	REMOVE & REPLACE METAL BEAM GUARD FENCE	EA	200
760	CHANNEL EXCAVATION	CV	4113
	CONC. COLLAR (CAST IN PLACE)	EA	1
	CONSTRUCT GATEWELL STRUCTURE w/SLUICE GATE(2)	EA	1
	LATCH, LADDER, & APPARATUS(CAST IN PLACE)	EA	1
	12" STEEL PIPE SCH. 40 PAINTED(OIL BASE)(w/SUCTION END CUP & FITTINGS)	LF	50
	18" STEEL PIPE SCH. 40 PAINTED(OIL BASE)(w/WAMP/FLD CHECK VALVE & FITTINGS)	LF	50
	4"x7" STEEL BOLLARD w/CONC. FILL	EA	4
	CONSTRUCTION EXITS (17x2) (INSTALL & REMOVE)	EA	2
	TEMP. SEDIMENT CONTROL FENCE	EA	414
	12" DIESTEL PUMP	EA	2

*FOR CONTRACTORS INFORMATION ONLY

- A. UNLESS OTHERWISE NOTIFIED, FILL TO BE PLACED IN MAXIMUM 6 INCH LIFTS AND COMPACTED TO 95% STANDARD PROCTOR DENSITY. SEE SOIL REPORTS AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

LEGEND



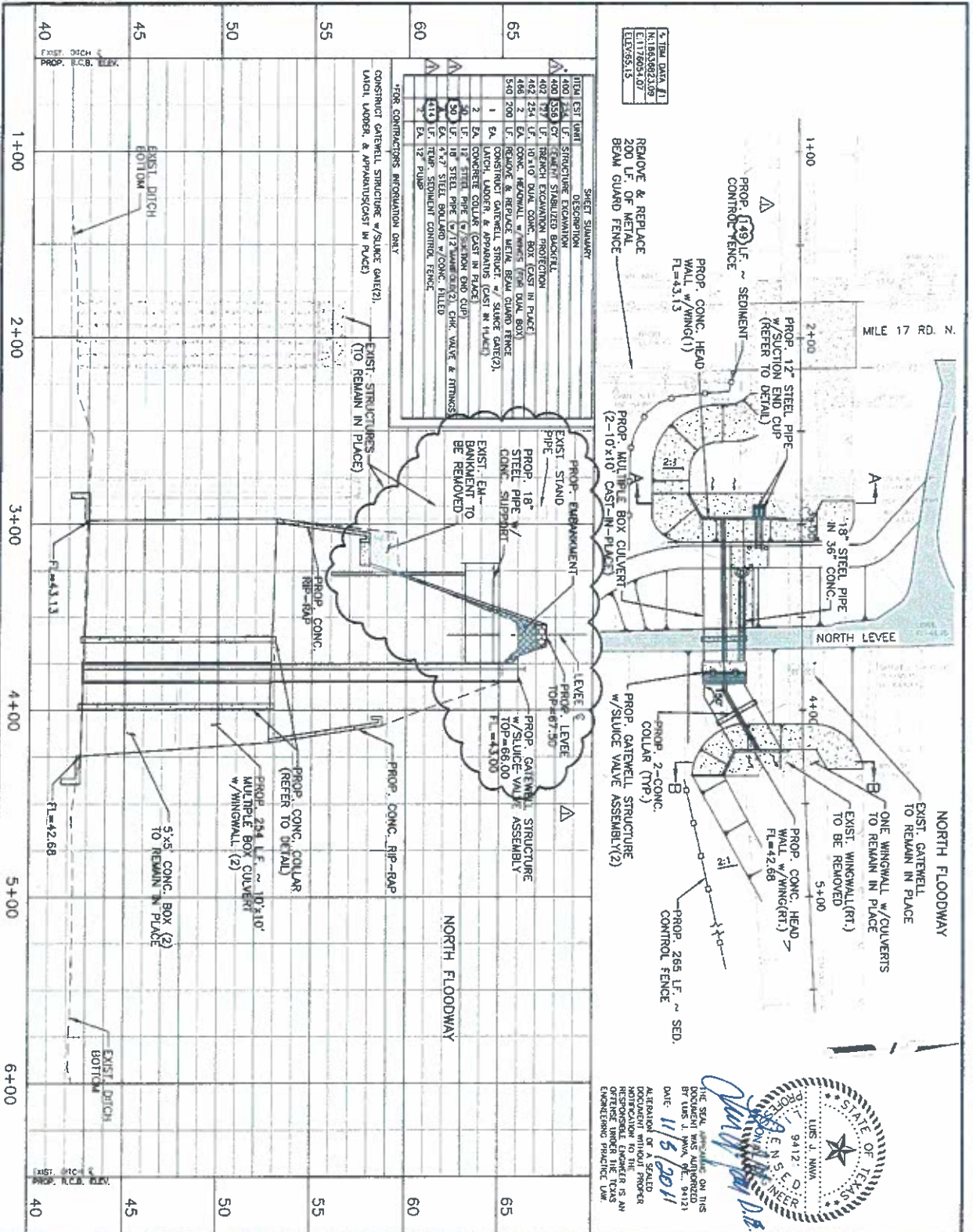
THIS SEAL APPEARING ON THIS DRAWING IS VALID AND NOTED BY LUIS J. NMA, LICENSE NO. 94121 DATE 11/5/2011
 I, THE UNDERSIGNED, AS AN ENGINEERING PRACTICE LAWYER, HEREBY CERTIFY THAT I AM A LICENSED PROFESSIONAL ENGINEER UNDER THE PROVISIONS OF THE ENGINEERING PRACTICE LAW.

Rev. No.	Description	Issued By	Date
1	ISSUED FOR CONSTRUCTION	H.G.	06-03-11
2	QUANTITY ADJUSTMENT	H.G.	11-05-11



DOS LOGISTICS INC.
 1002 E. Emory Rd
 Weslaco, TX 75986
 Phone: (361) 966-8800
 Fax: (361) 447-2104

Project: DELTA AREA OUTFALL DRAINAGE IMPROVEMENTS PROJECT
 Sheet Title: INDEX SHEET, NOTES, ESTIMATED QUANTITIES SUMMARY /DRAWING LEGEND
 Drawn By: LJA
 Checked By: LJA
 Date: 11/5/2011
 Scale: 1/8" = 1'-0"



1. TBM DATA 11
 2. N. 18369833.09
 3. E. 1176051.07
 4. ELEV. 95.15

REMOVE & REPLACE
 200 LF. OF METAL
 BEAM GUARD FENCE

PROP. MULTIPLE BOX CULVERT
 (2-10x10' CAST-IN-PLACE)

PROP. GATEWELL STRUCTURE
 W/ SLUICE VALVE ASSEMBLY (2)

THE SEAL AND SIGNATURE ON THIS
 DRAWING ARE VALID ONLY IF THE
 REGISTERED PROFESSIONAL ENGINEER
 IDENTIFIED HEREON IS AN
 ACTIVE MEMBER OF THE TEXAS
 ENGINEERING PROFESSIONAL BOARD.
 DATE: 11/5/2011



ITEM	EST	UNIT	DESCRIPTION
400	254	LF.	STRUCTURE EXCAVATION
401	358	CF.	REINFORCED CONCRETE BACKFILL
402	124	LF.	TRUCK EXCAVATION PROTECTION
403	2	EA.	CONC. HEADWALL W/ FENCE (TOP DIA. 60")
404	2	EA.	CONC. HEADWALL W/ FENCE (TOP DIA. 60")
540	200	LF.	REMOVE & REPLACE METAL BEAM GUARD FENCE
1	EA.	CONSTRUCT GATEWELL STRUCT. W/ SLUICE GATE(S), LATCH, LADDER & APPURTENANCES (CAST IN PLACE)	
2	EA.	CONCRETE COLLAR (CAST IN PLACE)	
30	LF.	12" STEEL PIPE (W/ SECTION END CUP)	
31	LF.	18" STEEL PIPE (W/ SECTION END CUP)	
411	EA.	1x12 STEEL BOLARD W/ CONC. FILL	
412	EA.	12" PIPE	

FOR CONTRACTOR'S INFORMATION ONLY

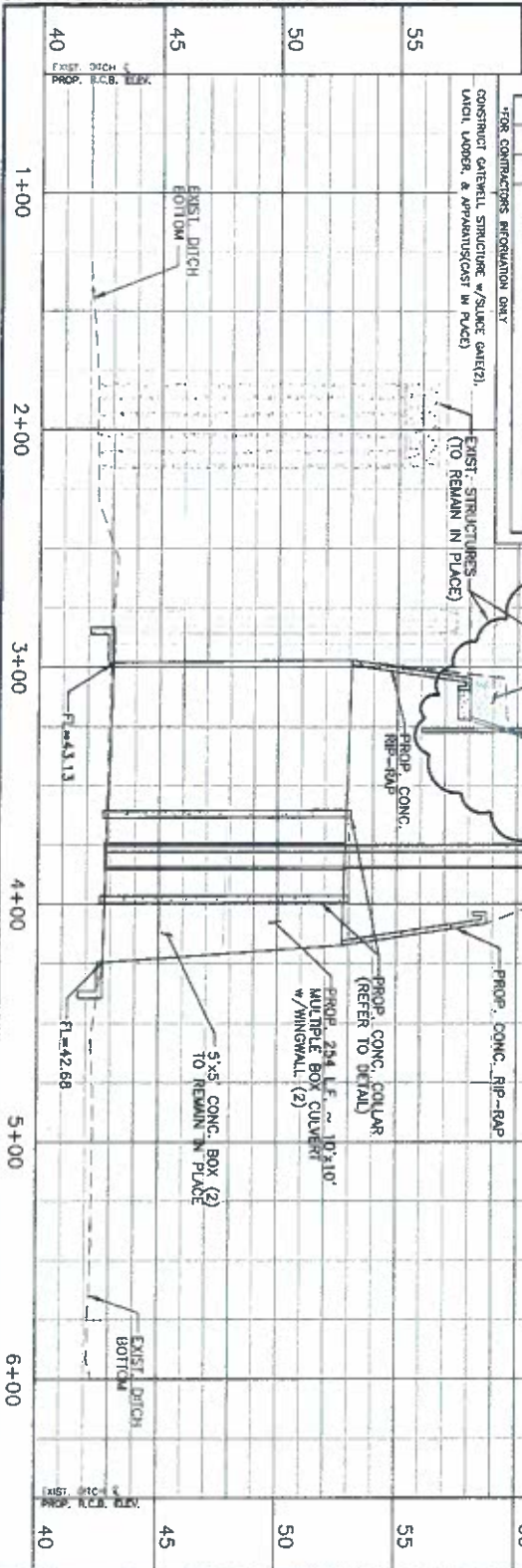
CONSTRUCT GATEWELL STRUCTURE W/ SLUICE GATE(S), LATCH, LADDER & APPURTENANCES (CAST IN PLACE)

EXIST. STRUCTURES (TO REMAIN IN PLACE)

EXIST. E.H. BANKMENT TO BE REMOVED

PROP. GATEWELL STRUCTURE W/ SLUICE VALVE ASSEMBLY

NORTH FLOODWAY



LEGEND

- EXISTING CULVERT ROAD
- PROPOSED CONC. RIP-RAP
- PROPOSED STEEL PIPE
- DIRECTION OF FLOW
- PROPOSED DUAL CONC. BOX W/WINGWALL
- PROPOSED CONC. COLLAR
- PROPOSED GATEWELL STRUCTURE W/ SLUICE VALVE ASSEMBLY

NOTES:

- EXIST UTILITY SERVICE CONNECTIONS ARE SHOWN ON PLAN & PROFILE SHEETS AT 10 FEET VERTICAL DEPTH & LOCATION PRIOR TO CONSTRUCTION.
- NO ADDITIONAL COMPENSATION FOR UTILITY RELOCATIONS WILL BE AWARDED ITEMS TO BE SUBSIDARY TO THE APPROPRIATE BID ITEM.

Scale: 1" = 20' (0)

0 25 50 75

DATE: 11/5/2011

PROJECT: DELTA AREA OUTFALL DRAINAGE IMPROVEMENTS PROJECT

LEVEE (FM 491 RD.) CROSSING

THE COUNTY OF WILKINSON, TEXAS

DOS LOGISTICS, INC.

1345 E. EXPWAY 63
MCKINNEY, TX 75069

Phone: (972) 965-8600
Fax: (972) 447-8194

Project: DELTA AREA OUTFALL DRAINAGE IMPROVEMENTS PROJECT

Sheet Title: LEVEE (FM 491 RD.) CROSSING

Scale: 1" = 20'

Sheet No. 4