

March 05, 2015

Addendum No 4

Dear Bidders:

Attached you will find **ADDENDUM NO. 4**, as follow:

1. - On Project Manual replace pages 00405-1 of 4 to 00405-4 of 4 (Schedule of Unit Price Work).
2. - On Reconstruction of Border Avenue From 18th Street to 34th Street Set of Construction Plans replace sheets 9, 10, 26 to 36 and 54.
3. - 00429 Non-Bribery Form has been added.

Clarification – Form 00427 is Form 00460 Non-Collusion Affidavit.

All this pages replaced the previous ones in connection with “CITY OF WESLACO AND HIDALGO COUNTY” - request for bids for “**Border Avenue Road and Waterline Improvements**”.

Please add this ADDENDUM NO. 4 to your bid packet so as to permit your company to submit a complete bid. See original bid packet FORM PROPOSAL 3.0 ADDENDA page 00310-2 of 4, paragraph 2.

Acknowledge receipt of ADDENDUM NO. 4 by signing and returning this notice to us VIA FAX AT (956) 973-3128.

If you do not receive all pages of ADDENDUM NO. 4 please notify us immediately at (956) 447-2240.

Please be advised that this ADDENDUM NO. 4 will complete your bid packet for “**Border Avenue Road and Waterline Improvements**”.

Thank you for your prompt attention to this matter.

BY:

Homer Rhodes
City of Weslaco Purchasing Agent

ADDENDUM NO. 4
ACKNOWLEDGMENT OF RECEIPT



DOCUMENT 00429

CITY OF WESLACO NON-BRIBERY MODEL FORM

[*Bidder's letterhead*]

[*Date*]

[*Name and address*]

Dear [*Name of Owner*] :

The undersigned party certifies that [*Name of bidding company*] complies with the following criteria:

1. They have not engaged and will not engage in bribery of officials related to potential or active City of Weslaco projects.
2. They have corporate policies that clearly prohibit the use of any bribery in a corporate activity.
3. They have neither been convicted of (nor found by a civil judgment to have committed) bribery of domestic officials, fraud, embezzlement, theft, forgery, destruction of records, making false statements to government officials, receiving stolen property, or any other offense indicating a lack of business integrity or business honesty, within five years of the date of this certification.

Printed name

Signature

Position in bidding company

Date

END OF SECTION



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Document 00405

SCHEDULE OF UNIT PRICE WORK

This Document, constitutes a Supplemental to Document 00310 – Form of Proposal.
 When a Contract is awarded, this Document becomes a supplement to Document 00500 – Form of Agreement
 Between Owner and Contractor.

BASE BID					
SPEC NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE (in figures)	UNIT TOTAL (in figures)
0100-2002	PREPARING ROW	52.5	STA	\$	\$
0104-2009	REMOVING CONC (RIPRAP)	49	SY	\$	\$
0110-2001	EXCAVATION (ROADWAY)	18543	CY	\$	\$
0132-2006	EMBANKMENT (FINAL)(DENS CONT)(TY C)	2428	CY	\$	\$
0164-2023	CELL FBR MLCH SEED(PERM)(RURAL)(CLAY)	15803	SY	\$	\$
0168-2001	VEGETATIVE WATERING	500	MG	\$	\$
0247-2060	FL BS (CMP IN PLC)(TY E GR 4)(FNAL POS)	8517	CY	\$	\$
0260-2011	LIME TRT (EXST MATL) (12")	26133	SY	\$	\$
0260-2016	LIME (HYD, COM, OR QK(SLURRY))	259	TON	\$	\$
0310-2001	PRIME COAT (MC-30)	4604	GAL	\$	\$
3268-2047	D-GR HMA TY-D SAC-A PG76-22	5248	TON	\$	\$
5261-2002	GEOGRID BASE REINFORCEMENT (TY II)	25550	SY	\$	\$
0400-2006	CUT & RESTORING PAV	2945	SY	\$	\$
0402-2001	TRENCH EXCAVATION PROTECTION	3926	LF	\$	\$
0420-2016	CL C CONC (COLLAR)	2	EA	\$	\$
0432-2001	RIPRAP (CONC)(4 IN)	85	CY	\$	\$
0460-2009	CMP (GAL STL 48 IN)	138	LF	\$	\$
0464-2089	RC PIPE (CL III)(18 IN)(SPL)	752	LF	\$	\$
0464-2090	RC PIPE (CL III)(24 IN)(SPL)	1266	LF	\$	\$
0464-2091	RC PIPE (CL III)(30 IN)(SPL)	967	LF	\$	\$
0464-2092	RC PIPE (CL III)(36 IN)(SPL)	1944	LF	\$	\$
0464-2094	RC PIPE (CL III)(48 IN)(SPL)	132	LF	\$	\$
0465-2103	INLET (COMPL)(TY F)	24	EA	\$	\$
0465-2104	INLET EXT	12	EA	\$	\$
0465-2006	MANH (COMPL)(JUNCT BOX)(TY M)	6	EA	\$	\$
0465-2013	MANH (COMPL)(TY A)	15	EA	\$	\$
0479-2001	ADJ MANHS	13	EA	\$	\$
0496-2002	REMOV STR (INLET)	1	EA	\$	\$
0496-2003	REMOV STR (MANHOLE)	3	EA	\$	\$



BASE BID (Cont)					
SPEC NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE (in figures)	UNIT TOTAL (in figures)
0502-2001	BARRICADES, SIGNS AND TRAFFIC HANDLING	8	MO	\$	\$
0529-****	CONCRETE CURB & GUTTER (18" COW STD)	10517	LF	\$	\$
0529-****	CONCRETE CURB & GUTTER (2' VALLEY GUTTER COW STD)	565	LF	\$	\$
0530-2010	DRIVEWAYS (CONC)	778	SY	\$	\$
0530-2011	DRIVEWAYS (ACP)	888	SY	\$	\$
0542-2001	REMOVING METAL BEAM GUARD FENCE	25	LF	\$	\$
550-****	ADJUST GATES-VEHICULAR	10	EA	\$	\$
0560-2011	MAILBOX INSTALL-S (TWG-POST) TY 2 FND	27	EA	\$	\$
0560-2013	MAILBOX INSTALL-D (TWG-POST) TY 2 FND	2	EA	\$	\$
0560-2024	MAILBOX INSTALL-M(TWG-POST)TY 2 FND	1	EA	\$	\$
0644-2001	IN SM RD SN SUP&AM TY10BWG(1)SA(P)	28	EA	\$	\$
0644-2025	IN SM RD SN SUP&AM TYS80(1)SA(T)	4	EA	\$	\$
0644-2056	RELOCATE SM RD SN SUP & AM TY 10BWG	5	EA	\$	\$
0644-2060	REMOVE SM RD SN SUP & AM	21	EA	\$	\$
0644-2077	REMOVE SM RD SN SUP & AM (SIGN ONLY)	6	EA	\$	\$
0666-2006	REFL PAV MRK TY I (W) 4" (DOT)(100MIL)	40	LF	\$	\$
0666-2036	REFL PAV MRK TY I (W) 8" (SLD)(100MIL)	481	LF	\$	\$
0666-2048	REFL PAV MRK TY I (W) 24"(SLD)(100MIL)	301	LF	\$	\$
0666-2054	REFL PAV MRK TY I (W) (ARROW) (100MIL)	32	EA	\$	\$
0666-2096	REFL PAV MRK TY I (W) (WORD) (100MIL)	4	EA	\$	\$
0666-2105	REFL PAV MRK TY I (Y) 4" (BRK)(100MIL)	2220	LF	\$	\$
0666-2111	REFL PAV MRK TY I (Y) 4" (SLD)(100MIL)	9337	LF	\$	\$
0672-2012	REFL PAV MRKR TY I-C	27	EA	\$	\$
0672-2015	REFL PAV MRKR TY II-A-A	256	EA	\$	\$
1122-2002	ROCK FILTER DAMS (INSTALL) (TY 2)	80	LF	\$	\$
1122-2009	ROCK FILTER DAMS (REMOVE)	80	LF	\$	\$
1122-2017	CONSTRUCTION EXITS (INSTALL) (TY 2)	156	SY	\$	\$
1122-2019	CONSTRUCTION EXITS (REMOVE)	156	SY	\$	\$
1122-2048	BIOGRD EROSN CONT LOGS (12" DIA)INSTALL	1632	LF	\$	\$
1122-2056	BIODEGRADBLE EROSION CONTROL LOGS REMOV	1632	LF	\$	\$
1122-2037	TEMPORARY SEDIMENT CONTROL FENCE INSTLL	3105	LF	\$	\$
1122-2057	TEMPORARY SEDIMENT CONTROL FENCE REMOVE	3105	LF	\$	\$
****-****	ADJUST COW WATER MAIN	2	EA	\$	\$
	MOBILIZATION	1	LS	\$	\$
BASE BID TOTAL (in figures)					\$

In case of DISCREPANCIES, Unit Price RULES OVER Unit Total and Total Amounts.



ALTERNATE BID No 1 (SIDEWALK)					
SPEC NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE (in figures)	UNIT TOTAL (in figures)
0531-2003	CONC SIDEWALKS (5') (6")	11216	LF	\$	\$
0531-2040	CURB RAMPS (TY 5)	16	EA	\$	\$
0531-2041	CURB RAMPS (TY 10)	6	EA	\$	\$
ADD ON BID 2 GRAND TOTAL (in figures)					\$
GRAND TOTAL (BASE BID + ADD BID No 1) :					\$

In case of DISCREPANCIES, Unit Price RULES OVER Unit Total and Total Amounts.

ALTERNATE BID No 2 (EN-1 Roadbond Treated Subgrade)					
SPEC NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE (in figures)	UNIT TOTAL (in figures)
3000	EN-1 ROADBOND (0.01125 GAL/SY)	294	GAL	\$	\$
3000	EN-1 TRT (MIX EXST MATL& NEW BASE)(DC)(12")	26133	SY	\$	\$
0260-2011	LIME TRT (EXST MATL) (12")	-26133	SY	\$	\$
0260-2016	LIME (HYD, COM, OR QK(SLURRY))	-259	TON	\$	\$
ADD ON BID 3 GRAND TOTAL (in figures)					\$
GRAND TOTAL (USING SUBGRADE STABL WITH EN-1) :					\$

In case of DISCREPANCIES, Unit Price RULES OVER Unit Total and Total Amounts.

Waterline Bid					
SPEC NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE (in figures)	UNIT TOTAL (in figures)
02511-01	12" Water line DR-18 C-900 w/ fittings	5446	LF	\$	\$
02511-02	8" Water line DR-18 C-900 w/ fittings	234	LF	\$	\$
02511-03	12" Cap	4	EA	\$	\$
02521-01	12" Gate Valve w/box	12	EA	\$	\$
02521-01	8" Gate Valve w/box	2	EA	\$	\$
02520'	Fire Hydrant w/valve	14	EA	\$	\$
02501-01	90° Elbow	2	EA	\$	\$
02501-02	45° Elbow	10	EA	\$	\$
02511-04	12" Tee	8	EA	\$	\$
	21" Steel Casing	79	LF	\$	\$
	21" PVC Casing	333	LF	\$	\$
Waterline Total					\$



SUMMARY		
	Total Road Improvements	
	Total Alternative 1	
	Total Alternative 2	
	Total Waterline Improvements	

TOTAL BID PRICE (Total Unit Prices Plus Cash Allowance, if any)

\$ _____

Notes:

(1) United States Dollars. In the event of a discrepancy, this column shall govern.

Project: _____

Project No. _____ Bidder's Signature: _____

Company: _____ Name: _____

Date: _____ Title: _____

END OF DOCUMENT



BASE BID			
SPEC NO.	DESCRIPTION	QTY	UNIT
0100-2002	PREPARING ROW	52.5	STA
0104-2009	REMOVING CONC (RIPRAP)	49.0	SY
0110-2001	EXCAVATION (ROADWAY)	18543	CY
0132-2006	EMBANKMENT (FINAL)(DENS CONT)(TY C)	2428	CY
0164-2023	CELL FBR MLCH SEED(PERM)(RURAL)(CLAY)	15803	SY
0168-2001	VEGETATIVE WATERING	500	MG
0247-2060	FL BS (CMP IN PLC)(TY E GR 4)(FNAL POS)	8517	CY
0260-2011	LIME TRT (EXST MATL) (12")	26133	SY
0260-2016	LIME (HYD, COM, OR QK(SLURRY))	259	TON
0310-2001	PRIME COAT (MC-30)	4604	GAL
3268-2047	D-GR HMA TY-D SAC-A PG76-22	5248	TON
5261-2002	GEOGRID BASE REINFORCEMENT (TY II)	25550	SY
0400-2006	CUT & RESTORING PAV	2945	SY
0402-2001	TRENCH EXCAVATION PROTECTION	3926	LF
0420-2016	CL C CONC (COLLAR)	2	EA
0432-2001	RIPRAP (CONC)(4 IN)	85	CY
0460-2009	CMP (GAL STL 48 IN)	138	LF
0464-2089	RC PIPE (CL III)(18 IN)(SPL)	752	LF
0464-2090	RC PIPE (CL III)(24 IN)(SPL)	1266	LF
0464-2091	RC PIPE (CL III)(30 IN)(SPL)	967	LF
0464-2092	RC PIPE (CL III)(36 IN)(SPL)	1944	LF
0464-2094	RC PIPE (CL III)(48 IN)(SPL)	132	LF
0465-2103	INLET (COMPL)(TY F)	24	EA
0465-2104	INLET EXT	12	EA
0465-2006	MANH (COMPL)(JUNCT BOX)(TY M)	6	EA
0465-2013	MANH (COMPL)(TY A)	15	EA
0479-2001	ADJ MANHS	13	EA
0496-2002	REMOV STR (INLET)	1	EA
0496-2003	REMOV STR (MANHOLE)	3	EA
0502-2001	BARRICADES, SIGNS AND TRAFFIC HANDLING	8	MO
0529-****	CONCRETE CURB & GUTTER (18" COW STD)	10517	LF
0529-****	CONCRETE CURB & GUTTER (2' VALLEY GUTTER COW STD)	565	LF
0530-2010	DRIVEWAYS (CONC)	778	SY
0530-2011	DRIVEWAYS (ACP)	888	SY
0542-2001	REMOVING METAL BEAM GUARD FENCE	25	LF
550-****	ADJUST GATES-VEHICULAR	10	EA
0560-2011	MAILBOX INSTALL-S (TWG-POST) TY 2 FND	27	EA
0560-2013	MAILBOX INSTALL-D (TWG-POST) TY 2 FND	2	EA
0560-2024	MAILBOX INSTALL-M(TWG-POST)TY 2 FND	1	EA
0644-2001	IN SM RD SN SUP&AM TY10BWG(1)SA(P)	28	EA
0644-2025	IN SM RD SN SUP&AM TYS80(1)SA(T)	4	EA
0644-2056	RELOCATE SM RD SN SUP & AM TY 10BWG	5	EA
0644-2060	REMOVE SM RD SN SUP & AM	21	EA
0644-2077	REMOVE SM RD SN SUP & AM (SIGN ONLY)	6	EA
0666-2006	REFL PAV MRK TY I (W) 4" (DOT)(100MIL)	40	LF
0666-2036	REFL PAV MRK TY I (W) 8" (SLD)(100MIL)	481	LF
0666-2048	REFL PAV MRK TY I (W) 24"(SLD)(100MIL)	301	LF
0666-2054	REFL PAV MRK TY I (W) (ARROW) (100MIL)	32	EA
0666-2096	REFL PAV MRK TY I (W) (WORD) (100MIL)	4	EA
0666-2105	REFL PAV MRK TY I (Y) 4" (BRK)(100MIL)	2220	LF
0666-2111	REFL PAV MRK TY I (Y) 4" (SLD)(100MIL)	9337	LF
0672-2012	REFL PAV MRKR TY I-C	27	EA
0672-2015	REFL PAV MRKR TY II-A-A	256	EA
1122-2002	ROCK FILTER DAMS (INSTALL) (TY 2)	80	LF
1122-2009	ROCK FILTER DAMS (REMOVE)	80	LF
1122-2017	CONSTRUCTION EXITS (INSTALL) (TY 2)	156	SY
1122-2019	CONSTRUCTION EXITS (REMOVE)	156	SY
1122-2048	BIOGRD EROSN CONT LOGS (12" DIA)INSTALL	1632	LF
1122-2056	BIODEGRADBLE EROSION CONTROL LOGS REMOV	1632	LF
1122-2037	TEMPORARY SEDIMENT CONTROL FENCE INSTLL	3105	LF
	ADJUST COW WATER MAIN	2	EA

ALTERNATE BID No 1 (SIDEWALKS)			
SPEC NO.	DESCRIPTION	QTY	UNIT
0531-2003	CONC SIDEWALKS (5') (6")	11216	LF
0531-2040	CURB RAMPS (TY 5)	16	EA
0531-2041	CURB RAMPS (TY 10)	6	EA

ALTERNATE BID No 2 (EN-1 ROADBOND TREATED SUBGRADE)			
SPEC NO.	DESCRIPTION	QTY	UNIT
3000	EN-1 ROADBOND (0.01125 GAL/SY)	294	GAL
3000	EN-1 TRT (MIX EXST MATL& NEW BASE)(DC)(12")	26133	SY
0260-2011	LIME TRT (EXST MATL) (12")	-26133	SY
0260-2016	LIME (HYD, COM, OR QK(SLURRY))	-259	TON

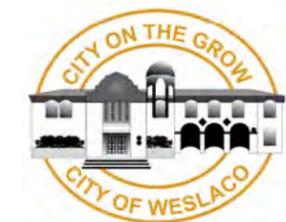
- ← ADDENDUM No 3 RCP QUANTITIES REVISED
- ← ADDENDUM No 4 MH QUANTITIES REVISED
- ← ADDENDUM No 1 REMOVE STR (MANHOLE) ADDED

← ADDENDUM No 3 CHANGE BID ITEMS TO COW WATER MAIN BY EACH

NOTES:

TxDOT STANDARD SPECIFICATIONS FOR CONSTRUCTION GOVERNS ALL WORKS TO BE DONE AND BID ITEMS.

NO.	DATE	QUANTITIES REVISED (ADDEN No 3) REVISION	APP.
1	3-3-15	QUANTITIES REVISED (ADDEN No 3)	



TEDSI INFRASTRUCTURE GROUP
 Consulting Engineers
 1201 E. Expressway 83
 Mission, Texas 78572
 (956) 424-7898

BORDER AVE.

SUMMARY TABLES OF ESTIMATED QUANTITIES

FED. RD. DIV. NO.		FEDERAL AID PROJECT NO.		SHEET NO. 9	
STATE	DIST.	COUNTY		HIDALGO	
TEXAS					
CONT.	SECT.	JOB	HIGHWAY NO. BORDER AVE		

ROADWAY SUMMARY																					
ITEM	100	104	110	132	247	260	260	310	3268	432	529	529	530	530	542	550	560	560	560	5261	XXXX
CODE	2002	2009	2001	2006	2060	2011	2016	2001	2047	2001	****	****	2010	2011	2001	****	2011	2013	2013	2002	XXXX
DESCRIPTION	PREP ROW	REMOVING CONC (RIPRAP)	EXCAVATION (RDWY)	EMBANKMENT (FINAL)(DENS CONT)(TY C)	FL BS (CMP IN PLC)(TY E GR 4)(FNAL POS)	LIME TR (EXST MATL) (12")	LIME (HYD, COM, OR QK (SLURRY))	PRIME COAT(MC-30)	D-GR HMA TY-D SAC-A PG76-22	RIPRAP (CONC)(4 IN)	CONC CURB & GUTTER (18" COW STD)	CONC CURB & GUTTER(2' VALLEY GUTTER COW STD)	DRIVEWAYS (CONC)	DRIVEWAYS (ACP)	REMOVING MTL BEAM GD FEN	ADJ GATES- VEHICULAR	MAILBOX INSTALL (SINGLE)	MAILBOX INSTALL (DOUBLE)	MAILBOX INSTALL (MULT)	GEOGRID BASE REINFORCEMENT (TY II)	ADJUST COW WATER MAIN
UNIT	STA	SY	CY	CY	CY	SY	TON	GAL	TON	CY	LF	LF	SY	SY	LF	EA	EA	EA	EA	SY	EA
PROJECT TOTAL	52.5	49	18543	2428	8517	26133	259	4604	5248	85	10517	565	778	888	25	10	27	2	1	25550	2

DRAINAGE SUMMARY														
ITEM	400	402	460	464	464	464	464	464	465	465	465	465	479	420
CODE	2001	2001	2009	2089	2090	2091	2092	2094	2103	2104	2006	2013	2001	2016
DESCRIPTION	STRUCT EXCAV (**)	TRENCH EXCAV PROTECTION	CMP (GAL STL 48")	RC PIPE (CL III)(18 IN) (SPL)	RC PIPE (CL III)(24 IN) (SPL)	RC PIPE (CL III)(30 IN) (SPL)	RC PIPE (CL III)(36 IN) (SPL)	RC PIPE (CL III)(48 IN) (SPL)	INLET (COMPL) (TY F)	INLET EXT	MANH (COMPL)(JUNCT BOX)(TY M)	MANH (STD PRECAST)	ADJ MANHS	CL C CONC (COLLAR)
UNIT	(CY)	(LF)	(LF)	(LF)	(LF)	(LF)	(LF)	(LF)	(EA)	(EA)	(EA)	(EA)	(EA)	(EA)
PROJECT TOTAL	7695	3926	138	752	1266	967	1944	132	24	12	6	15	13	2

SIGN SUMMARY					
ITEM	644	644	644	644	644
CODE	2001	2025	2056	2077	2060
DESCRIPTION	IN SM RD SN SUP&AM TY 10BWG(1) SA(P)	IN SM RD SN SUP&AM TY 10BWG(1) SA(T)	RELOCAT E SM RD SN SUP&AM TY 10BWG	RELOCAT E SM RD SN SUP&AM (SIGN ONLY)	REMOVE SM RD SN SUP&AM
UNIT	EA	EA	EA	EA	EA
BEG PROJECT TO STA 20+00	9	0	3	1	6
STA 20+00 - STA 30+00	6	0	2	3	4
STA 30+00 - STA 40+00	4	0	0	2	2
STA 40+00 - STA 50+00	2	4	0	0	6
STA 50+00 - STA 60+00	3	0	0	0	1
STA 60+00 TO END PROJECT	4	0	0	0	2
PROJECT TOTAL	28	4	5	6	21

(**) CONTRACTOR INFORMATION ONLY

TCP - SW3P SUMMARY													
ITEM	164	166	168	400	502	1122	1122	1122	1122	1122	1122	1122	1122
CODE	2023	2002	2001	2006	2001	2002	2009	2017	2019	2048	2056	2037	2057
DESCRIPTION	CELL FBR MLCH SEED(PERM) (RURAL) (CLAY)	FERTILIZER (**)	VEGETATIVE WATERING	CUT & RESTORING PAV.	BARRICADES , SIGNS AND TRAFFIC HANDLING	ROCK FILTER DAMS (INSTALL) (TY 2)	ROCK FILTER DAMS (REMOVE)	CONSTRUCTION EXITS (INSTALL) (TY 2)	CONSTRUCTION EXITS (REMOVE)	BIOGRD EROSN CONT LOGS (12" DIA) (INSTALL)	BIOGRD EROSN CONT LOGS (REMOVE)	TEMPORARY SEDIMENT CONTROL FENCE (INSTLL)	TEMPORARY SEDIMENT CONTROL FENCE (REMOVE)
UNIT	SY	TON	(MG)	(SY)	(MO)	(LF)	(LF)	SY	SY	(LF)	(LF)	LF	LF
PROJECT TOTAL	15803	0.2	500	2945	8	80	80	156	156	1632	1632	3105	3105

(**) CONTRACTOR INFORMATION ONLY NOT PAID ITEM
 CONSTRUCTION EXIT MIN AREA = 78 SY, LOCATIONS ARE APPROXIMATE AND MAY BE MODIFIED IN THE FIELD AS APPROVED BY ENGINEER
 FOR CONTRACTOR INFORMATION ONLY, FERTILIZER QUANTITIES (TON) ARE BASED ON A RATE OF 100 LBS OF NITROGEN PER ACRE NPK 10-5-5
 VEGETATIVE WATERING (MG) 3394 GAL * ACRE * 45 CYCLES / 1000

LOG MAX LENGTH = 30 FEET
 STD LENGTH = 10 FEET

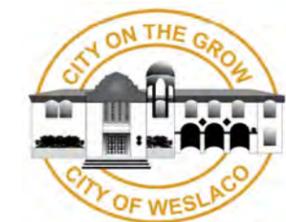
PAVEMENT MARKINGS SUMMARY									
ITEM	666	666	666	666	666	666	666	672	672
CODE	2006	2036	2105	2111	2048	2054	2054	2012	2015
DESCRIPTION	REFL PAV MRK TY I (W) 4" (DOT)(100 MIL)	REFL PAV MRK TY I (W) 8" (SLD)(100 MIL)	REFL PAV MRK TY I (Y) 4" (BRK)(100 MIL)	REFL PAV MRK TY I (Y) 4" (SLD)(100 MIL)	PREFAB PAV MRK TY C (W) 24"(SLD)	PREFAB PAV MRK TY I (W) (ARROW)	PREFAB PAV MRK TY I (W) (WORD)	REFL PAV MRKR TY I-C	REFL PAV MRKR TY II-A-A
UNIT	LF	LF	LF	LF	LF	EA	EA	EA	EA
BEG PROJECT TO STA 20+00	40	80	380	1778	90	7	1	5	56
STA 20+00 - STA 30+00	0	0	380	1465	99	6	0	0	38
STA 30+00 - STA 40+00	0	0	440	1714	46	8	0	0	42
STA 40+00 - STA 50+00	0	0	480	1868	38	4	0	0	48
STA 50+00 - STA 60+00	0	253	500	2000	0	5	2	13	50
STA 60+00 TO END PROJECT	0	148	40	512	28	2	1	9	22
PROJECT TOTAL	40	481	2220	9337	301	32	4	27	256

REMOVAL SUMMARY					
ITEM	496	496	496	496	496
CODE	2002	2002	2004	2006	2016
DESCRIPTION	REMOVE STR (INLET)	REMOVE STR (MANHOLE)	REMOVE STR (SET)	REMOVE STR (HEADWALL)	REMOVE STR (PIPE)
UNIT	(EA)	(EA)	(EA)	(EA)	(EA)
PROJECT TOTAL	1	3	11	2	34

(***) FOR CONTRACTOR INFORMATION ONLY
 ALL REMOVAL ITEMS SHALL BE SUBSIDIARY OF ITEM 100-2002 PREPARATION
 OF R.O.W. UNLESS SPECIFIED ON PLANS.

ALTERNATE BID No 1 SUMMARY			
ITEM	531	531	531
CODE	2003	2040	2041
DESCRIPTION	CONCRETE SIDEWALK (5") (6")	CURBS RAMPS (TY 5)	CURBS RAMPS (TY 10)
UNIT	(LF)	(EA)	(EA)
PROJECT TOTAL	11216	16	6

ALTERNATE BID No 2 SUMMARY				
ITEM	3000	3000	260	260
CODE			2011	2016
DESCRIPTION	EN-1 ROADBOND (0.01125 GAL/SY)	EN-1 TRT (MIX EXST MATL & NEW BASE) (DC) (12")	LIME TR (EXST MATL) (12")	LIME (HYD, COM, OR QK (SLURRY))
UNIT	(GAL)	(SY)	SY	TON
PROJECT TOTAL	294	26133	-26133	-259
EN-1 USE TO TREAT SUBGRADE				

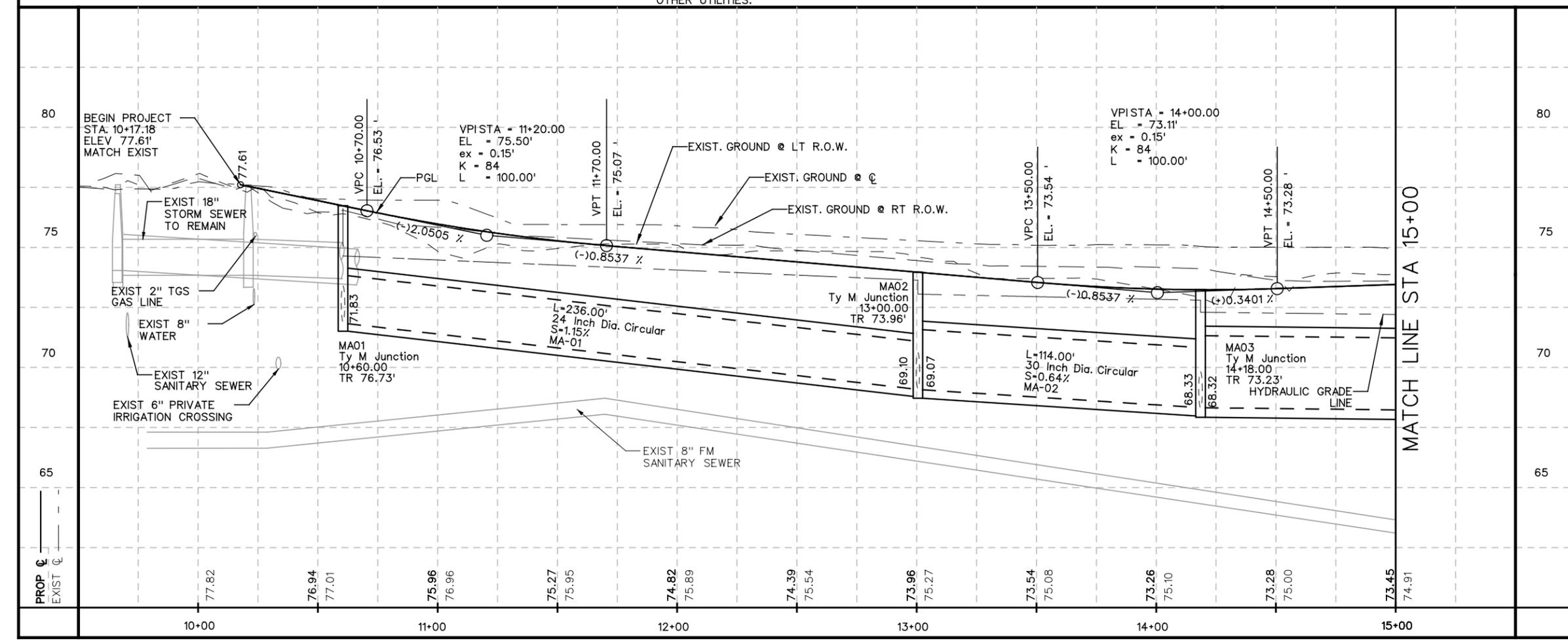
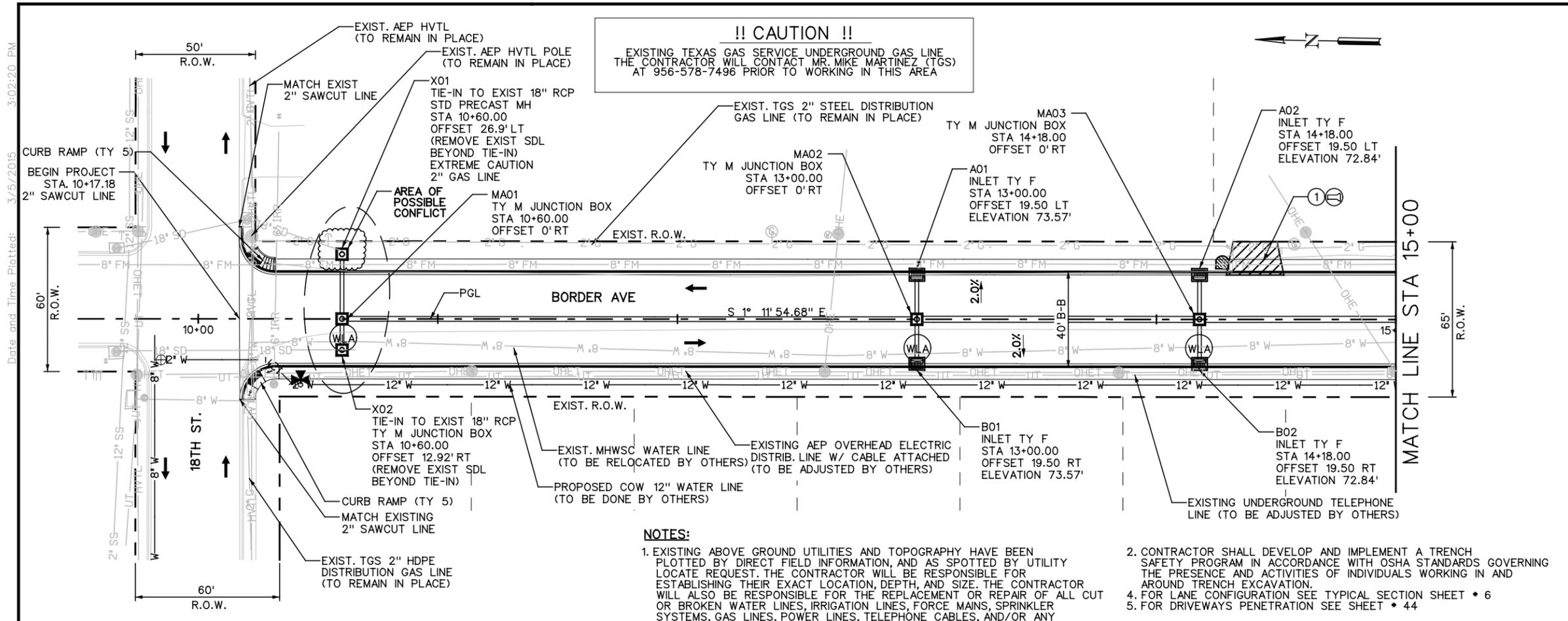


TEDSI INFRASTRUCTURE GROUP
 Consulting Engineers
 1201 E. Expressway 83
 Mission, Texas 78572
 (956) 424-7898

BORDER AVE.

SUMMARY TABLES OF ESTIMATED QUANTITIES

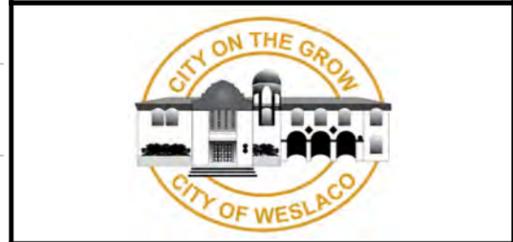
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			10
STATE	DIST.	COUNTY	
TEXAS		HIDALGO	
CONT.	SECT.	JOB	HIGHWAY NO.
			BORDER AVE



NO.	DATE	REVISION	APP.

STATE OF TEXAS
ROBERTO FINA CARRAL
116857
LICENSED PROFESSIONAL ENGINEER

Roberto Fina Carral
ROBERTO FINA CARRAL
3/5/2015
DATE



TEDSI INFRASTRUCTURE GROUP
Consulting Engineers
1201 E. Expressway 83
Mission, Texas 78572
(956) 424-7898

TBPE F-1640

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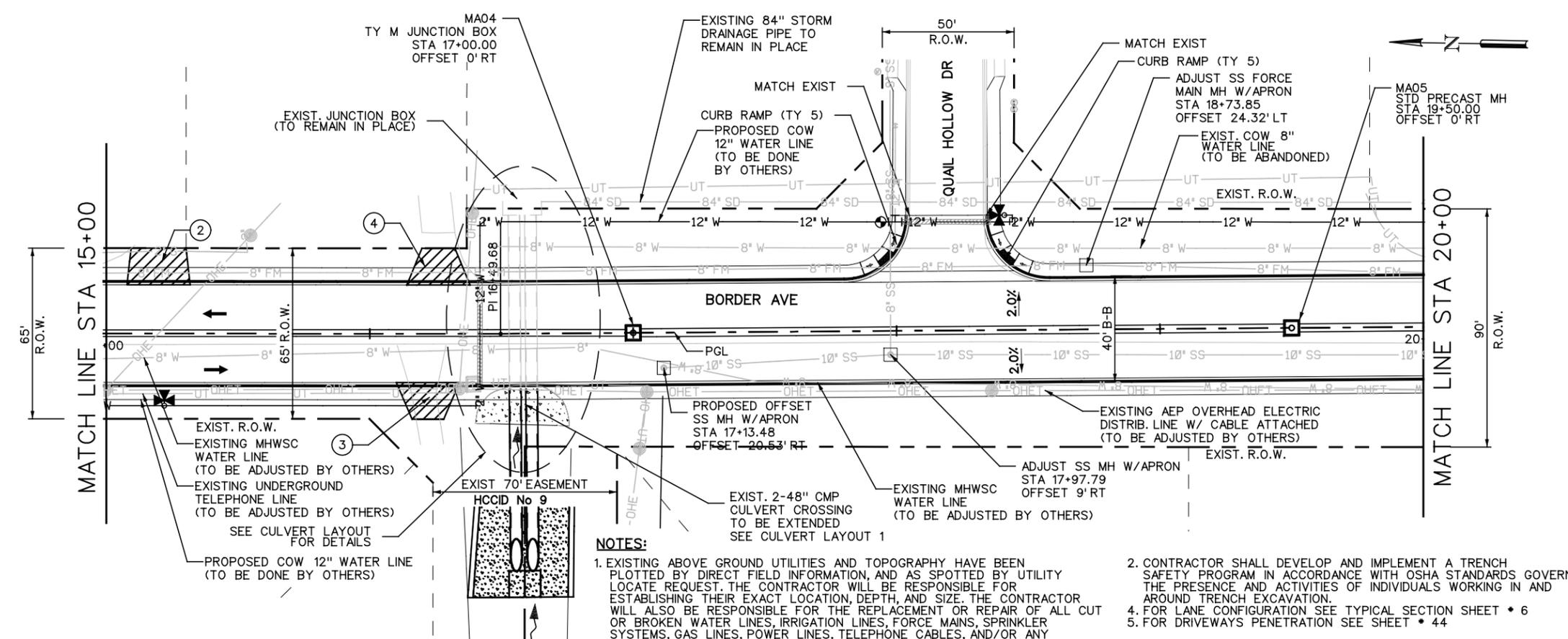
PLAN & PROFILE SHEET

SCALE: 1"=50'-H
1"=5'-V

SHEET 1 OF 11

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
		26
STATE	DIST.	COUNTY
TEXAS		HIDALGO
CONT.	SECT.	JOB
		HIGHWAY NO.
		BORDER AVE

Date and Time Plotted: 3/5/2015 3:02:20 PM



LEGEND

- EXISTING R.O.W.
- - - PROPOSED R.O.W.
- ▨ PROPOSED DRIVEWAY
- # # EXIST. # (DIAM INCH) WATER LINE
- # FM EXIST. # (DIAM INCH) COW FORCE MAIN SANITARY SEWER LINE
- # SS EXIST. # (DIAM INCH) COW SANITARY SEWER LINE
- # G EXIST. # (DIAM INCH) TGS GAS PIPELINE
- UFO EXIST. UNDERGROUND FIBER OPTIC CABLE
- UT EXIST. UNDERGROUND CABLE/TELEPHONE LINE
- OHE EXIST. AEP OVERHEAD ELECTRIC LINE
- HVTL EXIST. AEP HIGH VOLTAGE TRANSMISSION LINE
- UE EXIST. UNDERGROUND ELECTRIC LINE
- OHEC EXIST. AEP OVERHEAD ELECTRIC LINE WITH CABLE LINE ATTACHED
- OHEFC EXIST. AEP OVERHEAD ELECTRIC LINE WITH FIBER OPTIC AND CABLE LINE ATTACHED
- ⊕ DRIVEWAY NUMBER
- ⊗ EXISTING MAILBOX TO BE REPLACED
- ⊙ TOP OF RIM
- ⊖ REMOVE CONCRETE PIPE
- ⊘ REMOVE SAFETY END TREATMENT(S)
- ⊕ ADJUST EXISTING GATE
- WLA WATER LINE ADJUSTMENT (IF NECESSARY SEE DETAIL SHEET 55)
- ⊕ PROPOSED CURB RAMP TYPE 5

- NOTES:**
- EXISTING ABOVE GROUND UTILITIES AND TOPOGRAPHY HAVE BEEN PLOTTED BY DIRECT FIELD INFORMATION, AND AS SPOTTED BY UTILITY LOCATE REQUEST. THE CONTRACTOR WILL BE RESPONSIBLE FOR ESTABLISHING THEIR EXACT LOCATION, DEPTH, AND SIZE. THE CONTRACTOR WILL ALSO BE RESPONSIBLE FOR THE REPLACEMENT OR REPAIR OF ALL CUT OR BROKEN WATER LINES, IRRIGATION LINES, FORCE MAINS, SPRINKLER SYSTEMS, GAS LINES, POWER LINES, TELEPHONE CABLES, AND/OR ANY OTHER UTILITIES.
 - CONTRACTOR SHALL DEVELOP AND IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION.
 - FOR LANE CONFIGURATION SEE TYPICAL SECTION SHEET * 6
 - FOR DRIVEWAYS PENETRATION SEE SHEET * 44

NO.	DATE	REVISION	APP.

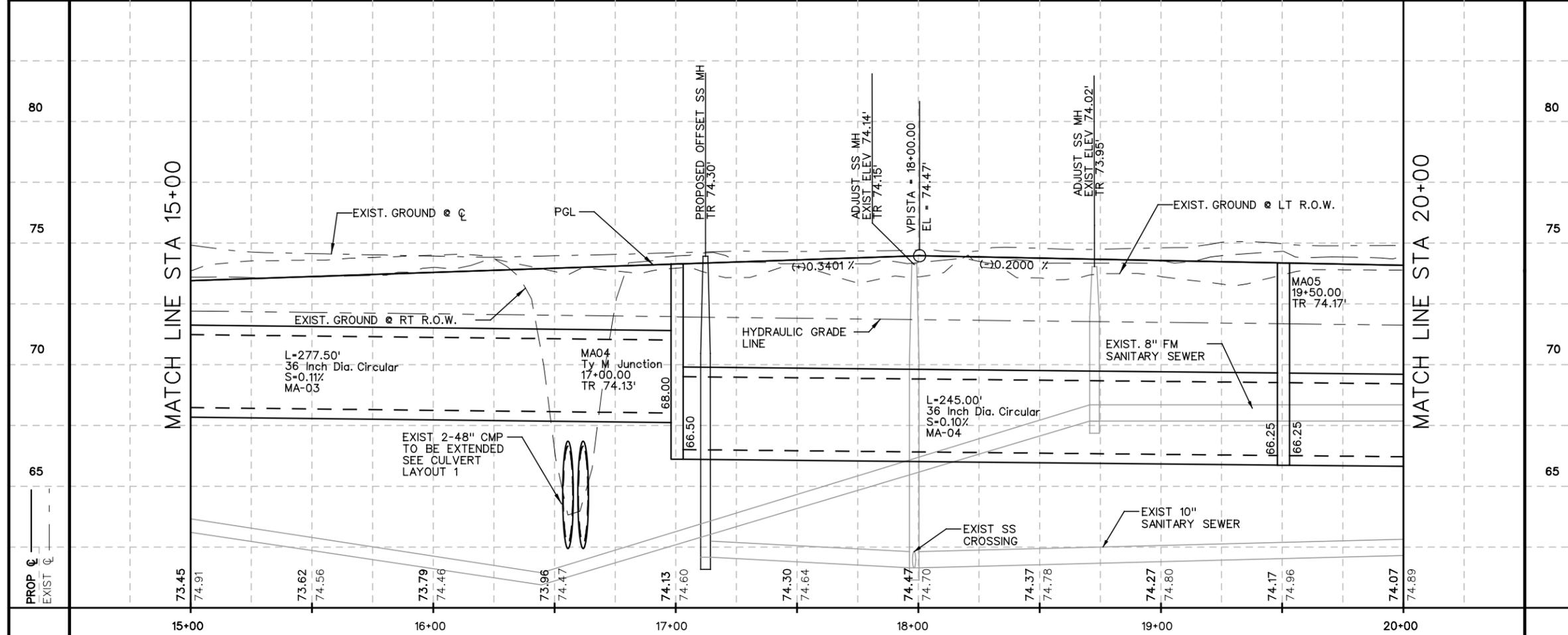


Roberto Fina Carral
 ROBERTO FINA CARRAL
 DATE 3/5/2015



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 1201 E. Expressway 83
 Mission, Texas 78572
 (936) 424-7898
 TBPE F-1640

BORDER AVE.
PLAN & PROFILE SHEET

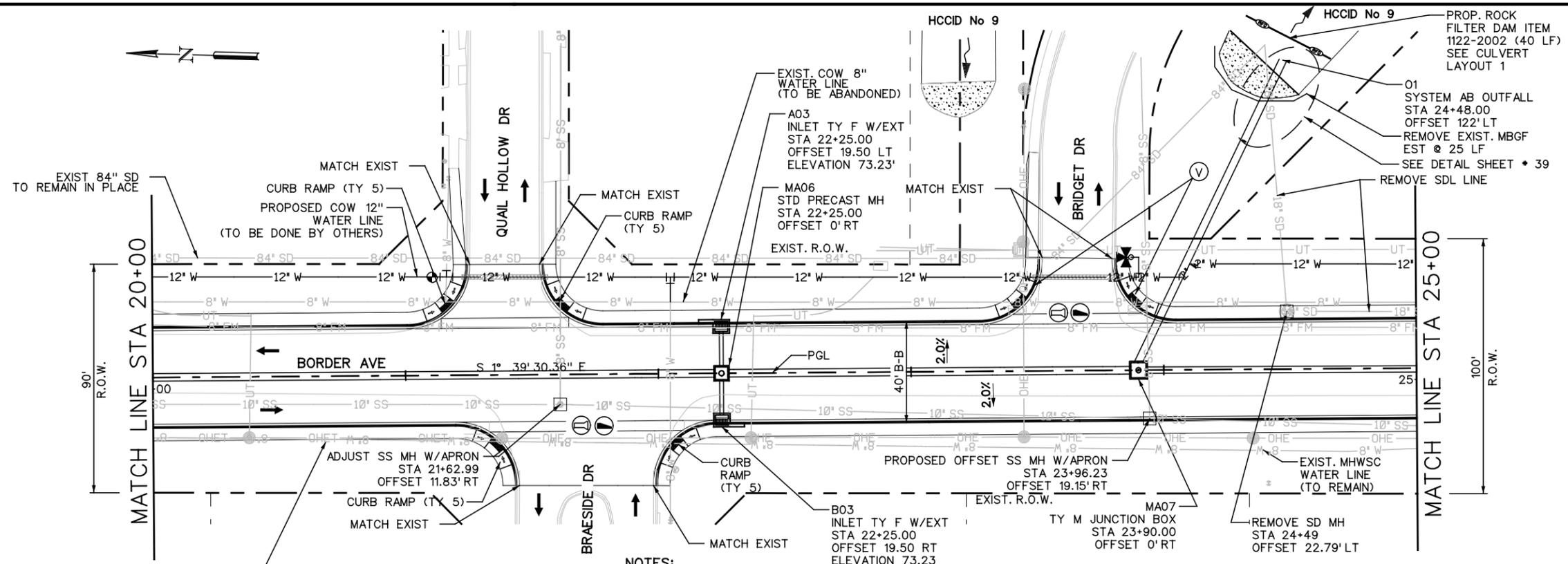


SCALE :1"=50'-H
 1"=5'-V

SHEET 2 OF 11

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
		27
STATE	DIST.	COUNTY
TEXAS		HIDALGO
CONT.	SECT.	JOB
		HIGHWAY NO.
		BORDER AVE

Date and Time Plotted: 3/5/2015 3:02:21 PM

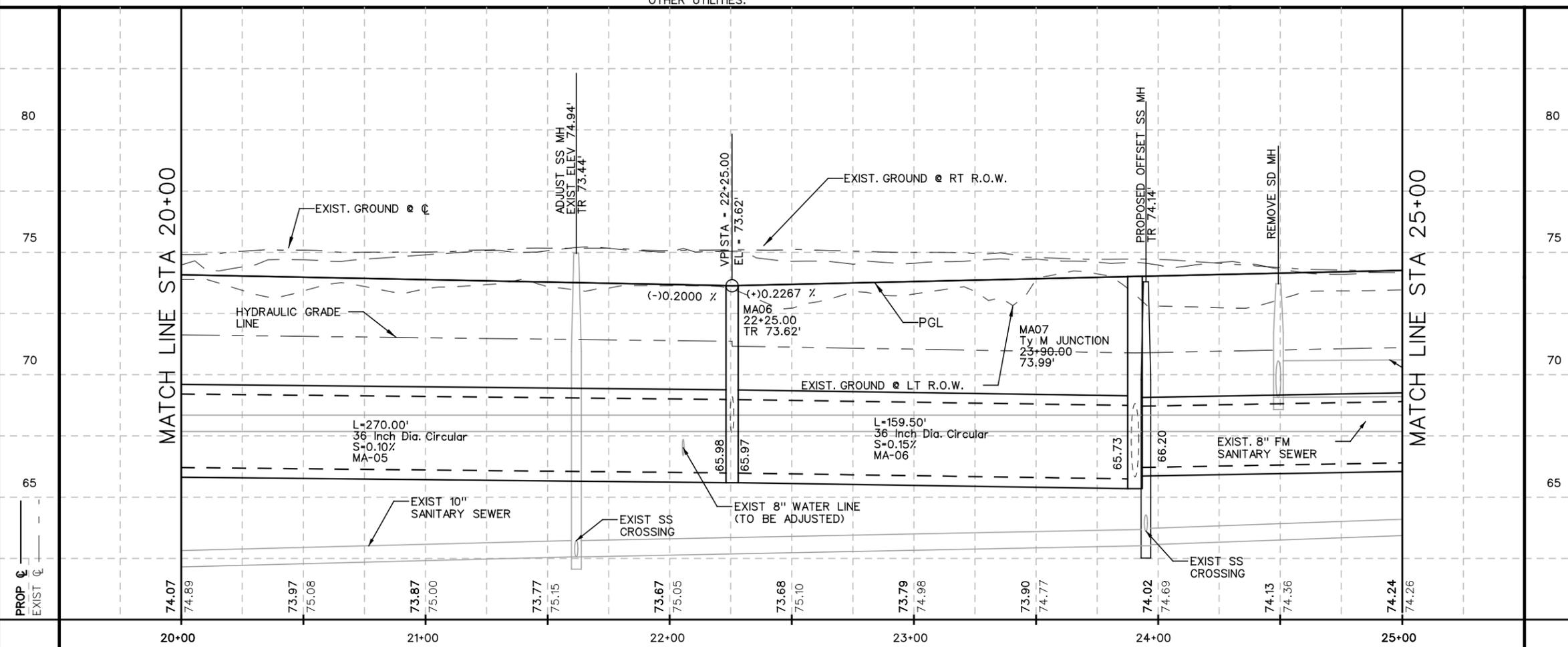


LEGEND

- EXISTING R.O.W.
- - - PROPOSED R.O.W.
- ▨ PROPOSED DRIVEWAY
- # # EXIST. # (DIAM INCH) WATER LINE
- # FM EXIST. # (DIAM INCH) COW FORCE MAIN SANITARY SEWER LINE
- # SS EXIST. # (DIAM INCH) COW SANITARY SEWER LINE
- # G EXIST. # (DIAM INCH) TGS GAS PIPELINE
- UFO EXIST. UNDERGROUND FIBER OPTIC CABLE
- UT EXIST. UNDERGROUND CABLE/TELEPHONE LINE
- OHE EXIST. AEP OVERHEAD ELECTRIC LINE
- HVTL EXIST. AEP HIGH VOLTAGE TRANSMISSION LINE
- UE EXIST. UNDERGROUND ELECTRIC LINE
- OHEC EXIST. AEP OVERHEAD ELECTRIC LINE WITH CABLE LINE ATTACHED
- OHEFC EXIST. AEP OVERHEAD ELECTRIC LINE WITH FIBER OPTIC AND CABLE LINE ATTACHED
- ⊕ DRIVEWAY NUMBER
- ⊗ EXISTING MAILBOX TO BE REPLACED
- ⊙ TOP OF RIM
- ⊖ REMOVE CONCRETE PIPE
- ⊖ REMOVE SAFETY END TREATMENT(S)
- ⊕ ADJUST EXISTING GATE
- WLA WATER LINE ADJUSTMENT (IF NECESSARY SEE DETAIL SHEET 55)
- ⊕ PROPOSED CURB RAMP TYPE 5

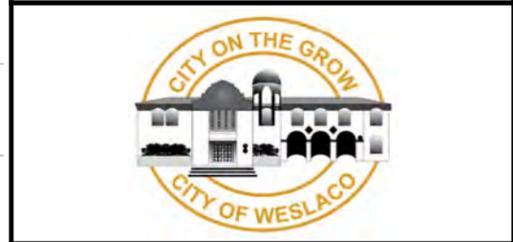
EXISTING AEP OVERHEAD ELECTRIC DISTRIB. LINE W/ CABLE ATTACHED (TO BE ADJUSTED BY OTHERS)

- NOTES:**
- EXISTING ABOVE GROUND UTILITIES AND TOPOGRAPHY HAVE BEEN PLOTTED BY DIRECT FIELD INFORMATION, AND AS SPOTTED BY UTILITY LOCATE REQUEST. THE CONTRACTOR WILL BE RESPONSIBLE FOR ESTABLISHING THEIR EXACT LOCATION, DEPTH, AND SIZE. THE CONTRACTOR WILL ALSO BE RESPONSIBLE FOR THE REPLACEMENT OR REPAIR OF ALL CUT OR BROKEN WATER LINES, IRRIGATION LINES, FORCE MAINS, SPRINKLER SYSTEMS, GAS LINES, POWER LINES, TELEPHONE CABLES, AND/OR ANY OTHER UTILITIES.
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 - FOR LANE CONFIGURATION SEE TYPICAL SECTION SHEET * 6
 - FOR DRIVEWAYS PENETRATION SEE SHEET * 44



NO.	DATE	REVISION	APP.

ROBERTO FINA CARRAL 3/5/2015
 DATE



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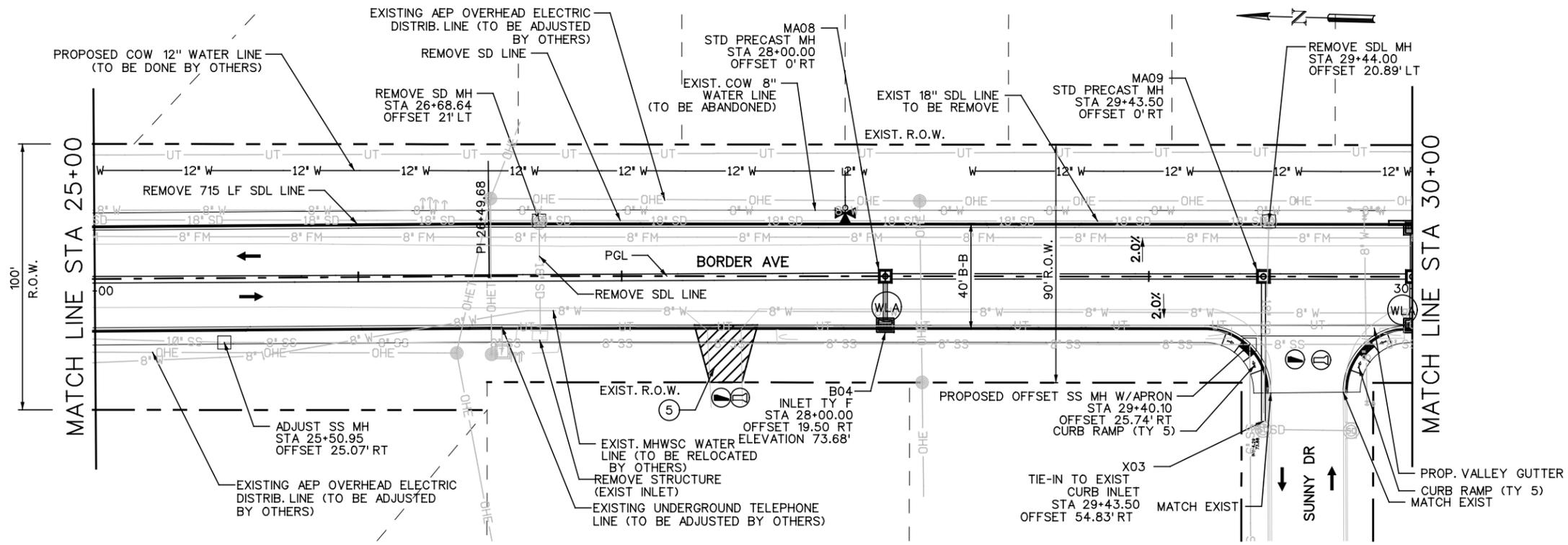
BORDER AVE.

PLAN & PROFILE SHEET

SCALE : 1"=50'-H
1"=5'-V SHEET 3 OF 11

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
		28
STATE	DIST.	COUNTY
TEXAS		HIDALGO
CONT.	SECT.	JOB
		HIGHWAY NO.
		BORDER AVE

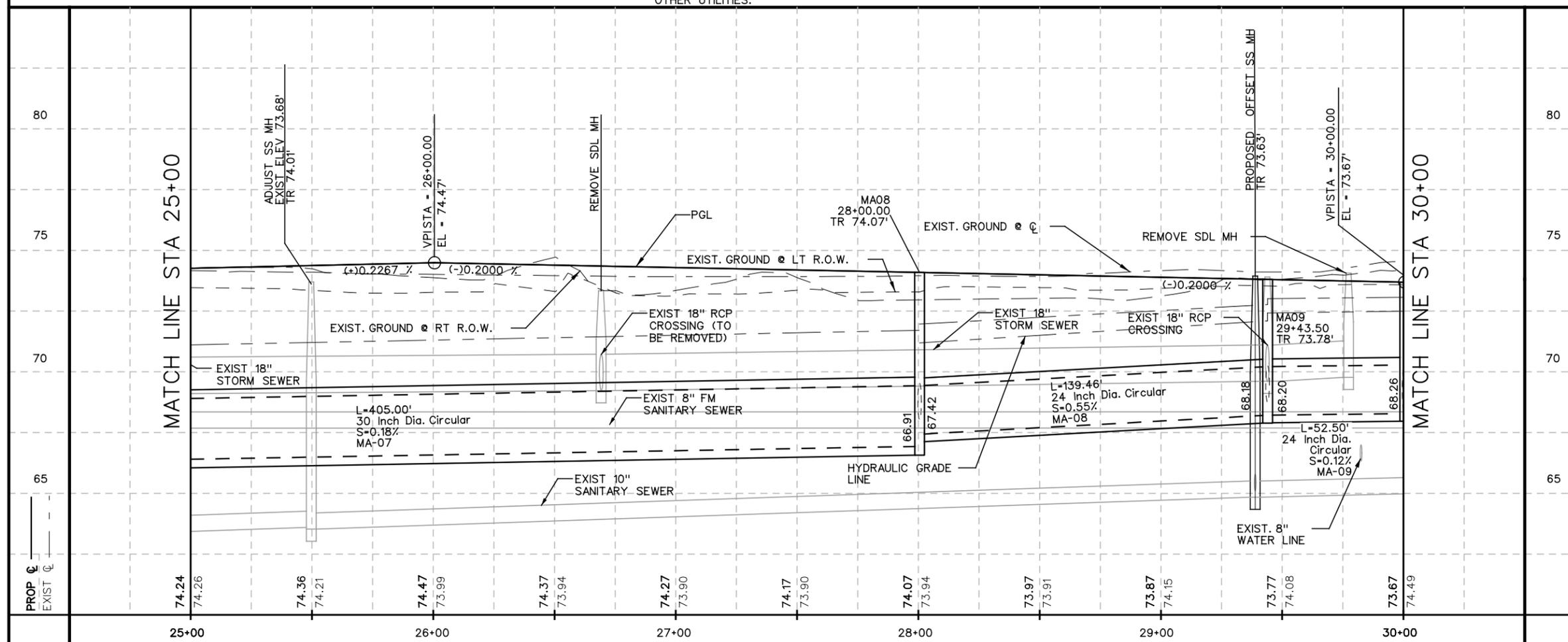
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LEGEND

- EXISTING R.O.W.
- - - PROPOSED R.O.W.
- PROPOSED DRIVEWAY
- # # EXIST. # (DIAM INCH) WATER LINE
- # FM EXIST. # (DIAM INCH) COW FORCE MAIN SANITARY SEWER LINE
- # SS EXIST. # (DIAM INCH) COW SANITARY SEWER LINE
- # G EXIST. # (DIAM INCH) TGS GAS PIPELINE
- UFO EXIST. UNDERGROUND FIBER OPTIC CABLE
- UT EXIST. UNDERGROUND CABLE/TELEPHONE LINE
- OHE EXIST. AEP OVERHEAD ELECTRIC LINE
- HVTL EXIST. AEP HIGH VOLTAGE TRANSMISSION LINE
- UE EXIST. UNDERGROUND ELECTRIC LINE
- OHEC EXIST. AEP OVERHEAD ELECTRIC LINE WITH CABLE LINE ATTACHED
- OHEFC EXIST. AEP OVERHEAD ELECTRIC LINE WITH FIBER OPTIC AND CABLE LINE ATTACHED
- ⊕ DRIVEWAY NUMBER
- EXISTING MAILBOX TO BE REPLACED
- TOP OF RIM
- REMOVE CONCRETE PIPE
- REMOVE SAFETY END TREATMENT(S)
- ADJUST EXISTING GATE
- WLA WATER LINE ADJUSTMENT (IF NECESSARY SEE DETAIL SHEET 55)
- ⓪ PROPOSED CURB RAMP TYPE 5

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 - FOR LANE CONFIGURATION SEE TYPICAL SECTION SHEET * 6
 - FOR DRIVEWAYS PENETRATION SEE SHEET * 44



NO.	DATE	REVISION	APP.

ROBERTO FINA CARRAL
DATE 3/5/2015

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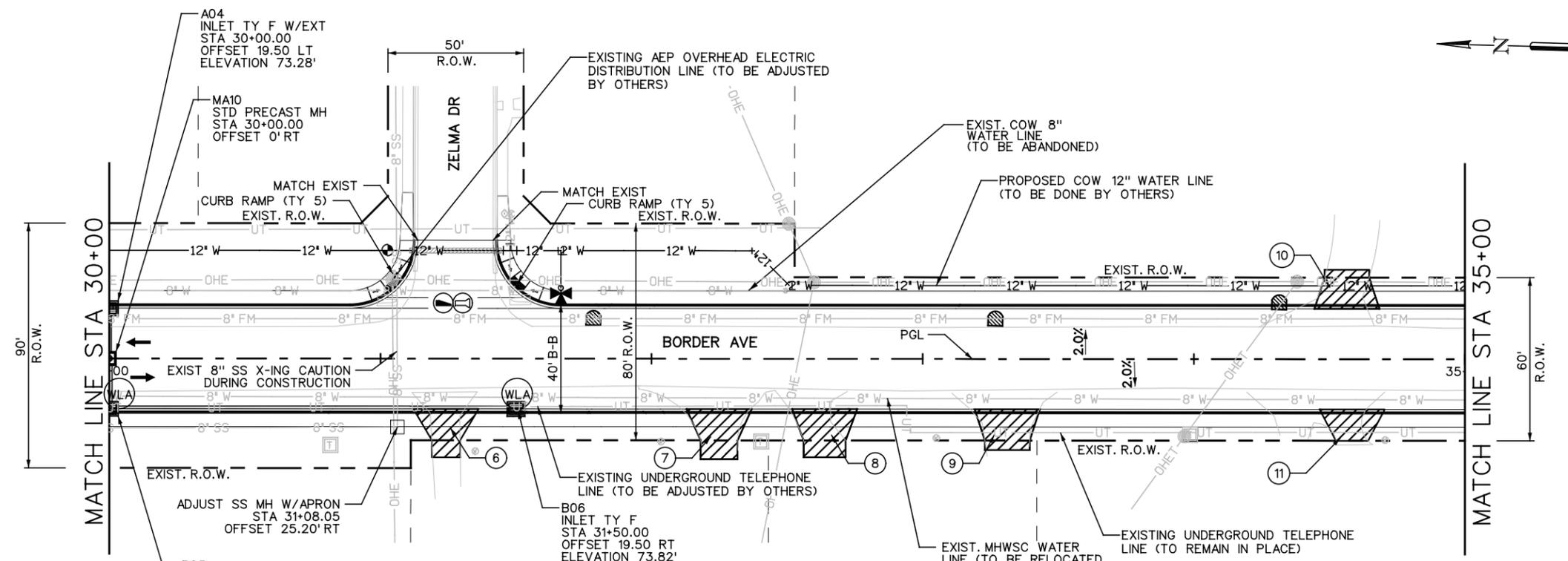
BORDER AVE.

PLAN & PROFILE SHEET

SCALE: 1"=50'-H
1"=5'-V SHEET 4 OF 11

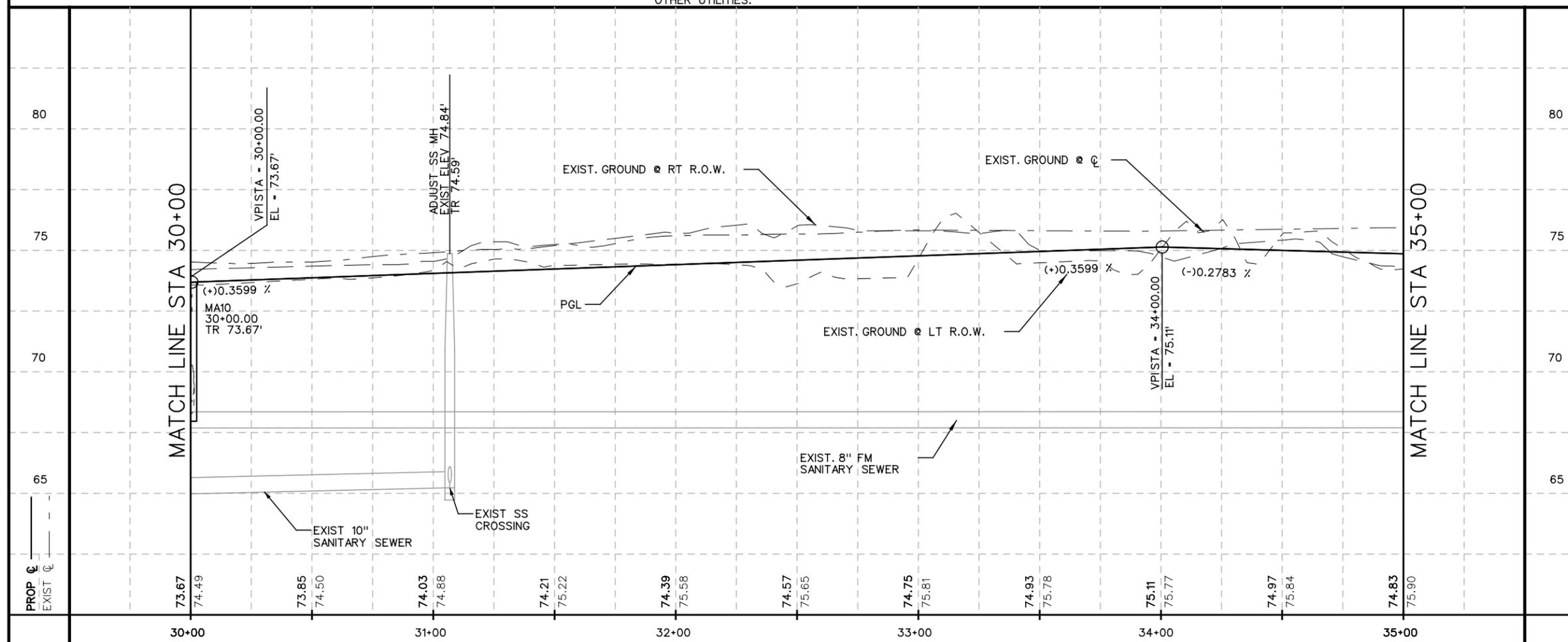
FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
		29
STATE	DIST.	COUNTY
TEXAS		HIDALGO
CONT.	SECT.	JOB
		HIGHWAY NO.
		BORDER AVE

Date and Time Plotted: 3/5/2015 3:02:23 PM



- LEGEND**
- EXISTING R.O.W.
 - - - PROPOSED R.O.W.
 - ▨ PROPOSED DRIVEWAY
 - # W --- EXIST. # (DIAM INCH) WATER LINE
 - # FM --- EXIST. # (DIAM INCH) COW FORCE MAIN SANITARY SEWER LINE
 - # SS --- EXIST. # (DIAM INCH) COW SANITARY SEWER LINE
 - # G --- EXIST. # (DIAM INCH) TGS GAS PIPELINE
 - UFO --- EXIST. UNDERGROUND FIBER OPTIC CABLE
 - UT --- EXIST. UNDERGROUND CABLE/TELEPHONE LINE
 - OHE --- EXIST. AEP OVERHEAD ELECTRIC LINE
 - HVTL --- EXIST. AEP HIGH VOLTAGE TRANSMISSION LINE
 - UE --- EXIST. UNDERGROUND ELECTRIC LINE
 - OHEC --- EXIST. AEP OVERHEAD ELECTRIC LINE WITH CABLE LINE ATTACHED
 - OHEFC --- EXIST. AEP OVERHEAD ELECTRIC LINE WITH FIBER OPTIC AND CABLE LINE ATTACHED
 - ⊕ --- DRIVEWAY NUMBER
 - ⊗ --- EXISTING MAILBOX TO BE REPLACED
 - ⊕ --- TOP OF RIM
 - ⊖ --- REMOVE CONCRETE PIPE
 - ⊖ --- REMOVE SAFETY END TREATMENT(S)
 - ⊕ --- ADJUST EXISTING GATE
 - WLA --- WATER LINE ADJUSTMENT (IF NECESSARY SEE DETAIL SHEET 55)
 - ∇ --- PROPOSED CURB RAMP TYPE 5

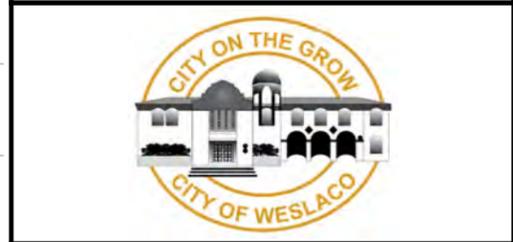
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 - FOR LANE CONFIGURATION SEE TYPICAL SECTION SHEET * 6
 - FOR DRIVEWAYS PENETRATION SEE SHEET * 44



NO.	DATE	REVISION	APP.

STATE OF TEXAS

 ROBERTO FINA CARRAL
 116857
 LICENSED PROFESSIONAL ENGINEER
 3/5/2015
 ROBERTO FINA CARRAL DATE



TEDSI INFRASTRUCTURE GROUP
 Consulting Engineers
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 Mission, Texas 78572
 (936) 424-7898
 TBPE F-1640

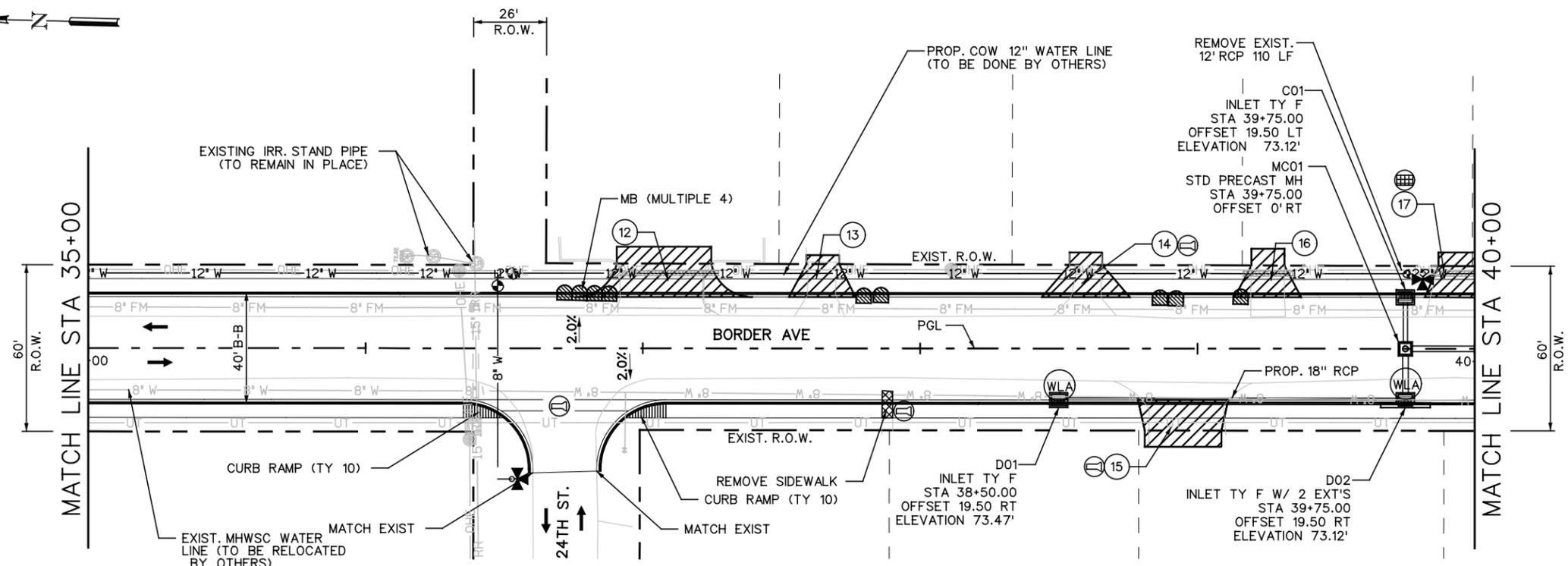
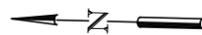
BORDER AVE.

PLAN & PROFILE SHEET

SCALE :1"=50'-H
 1"=5'-V SHEET 5 OF 11

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
		30
STATE	DIST.	COUNTY
TEXAS		HIDALGO
CONT.	SECT.	JOB
		HIGHWAY NO.
		BORDER AVE

Date and Time Plotted: 3/5/2015 3:02:24 PM



NOTES:

1. EXISTING ABOVE GROUND UTILITIES AND TOPOGRAPHY HAVE BEEN PLOTTED BY DIRECT FIELD INFORMATION, AND AS SPOTTED BY UTILITY LOCATE REQUEST. THE CONTRACTOR WILL BE RESPONSIBLE FOR ESTABLISHING THEIR EXACT LOCATION, DEPTH, AND SIZE. THE CONTRACTOR WILL ALSO BE RESPONSIBLE FOR THE REPLACEMENT OR REPAIR OF ALL CUT OR BROKEN WATER LINES, IRRIGATION LINES, FORCE MAINS, SPRINKLER SYSTEMS, GAS LINES, POWER LINES, TELEPHONE CABLES, AND/OR ANY OTHER UTILITIES.
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4. FOR LANE CONFIGURATION SEE TYPICAL SECTION SHEET * 6
5. FOR DRIVEWAYS PENETRATION SEE SHEET * 44

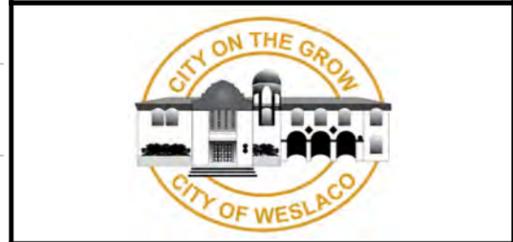
LEGEND

	EXISTING R.O.W.
	PROPOSED R.O.W.
	PROPOSED DRIVEWAY
# W	EXIST. # (DIAM INCH) WATER LINE
# FM	EXIST. # (DIAM INCH) COW FORCE MAIN SANITARY SEWER LINE
# SS	EXIST. # (DIAM INCH) COW SANITARY SEWER LINE
# G	EXIST. # (DIAM INCH) TGS GAS PIPELINE
UFO	EXIST. UNDERGROUND FIBER OPTIC CABLE
UT	EXIST. UNDERGROUND CABLE/TELEPHONE LINE
OHE	EXIST. AEP OVERHEAD ELECTRIC LINE
HVTL	EXIST. AEP HIGH VOLTAGE TRANSMISSION LINE
UE	EXIST. UNDERGROUND ELECTRIC LINE
OHEC	EXIST. AEP OVERHEAD ELECTRIC LINE WITH CABLE LINE ATTACHED
OHEFC	EXIST. AEP OVERHEAD ELECTRIC LINE WITH FIBER OPTIC AND CABLE LINE ATTACHED
⊕	DRIVEWAY NUMBER
⊗	EXISTING MAILBOX TO BE REPLACED
⊖	TOP OF RIM
⊘	REMOVE CONCRETE PIPE
⊙	REMOVE SAFETY END TREATMENT(S)
⊚	ADJUST EXISTING GATE
WLA	WATER LINE ADJUSTMENT (IF NECESSARY SEE DETAIL SHEET 55)
∇	PROPOSED CURB RAMP TYPE 5

NO.	DATE	REVISION	APP.

ROBERTO FINA CARRAL
116857
LICENSED PROFESSIONAL ENGINEER

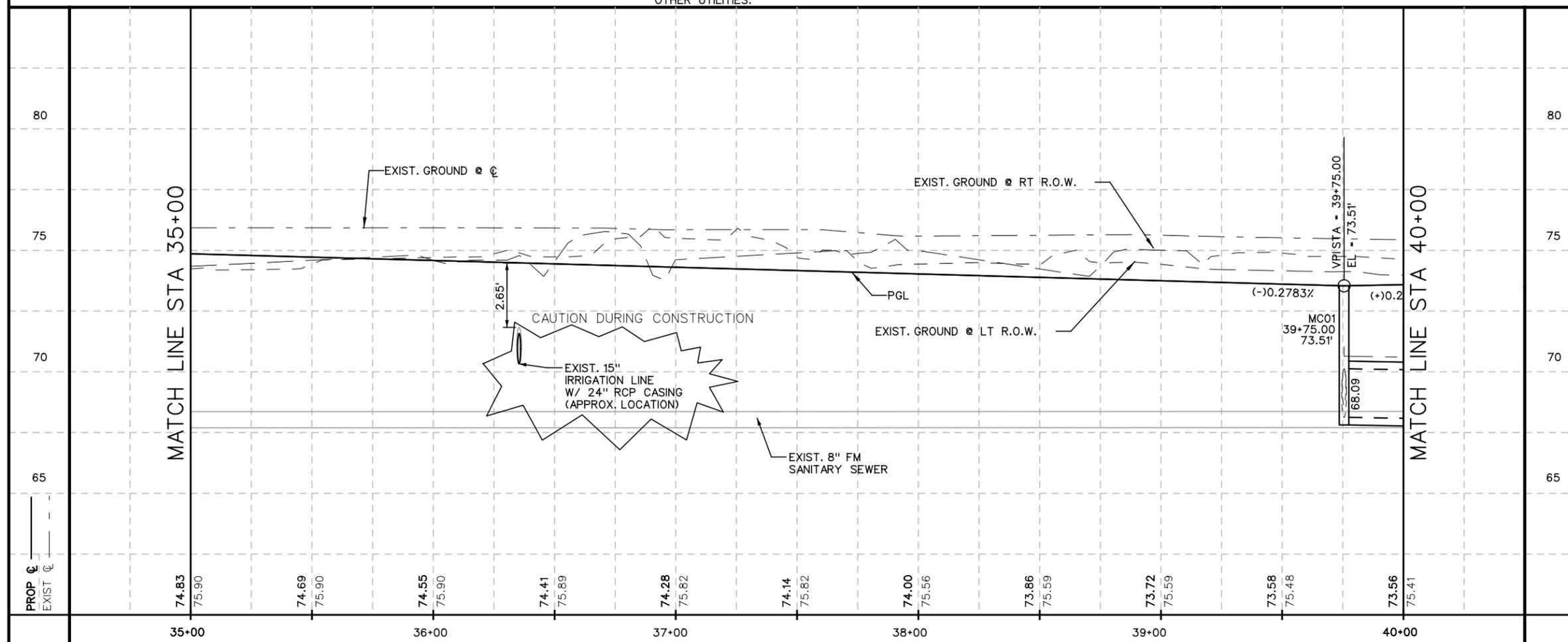
[Signature]
ROBERTO FINA CARRAL
DATE 3/5/2015



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Consulting Engineers
1201 E. Expressway 83
Mission, Texas 78572
(936) 424-7898
TBPE F-1640

BORDER AVE.

PLAN & PROFILE SHEET



SCALE :1"=50'-H
1"=5'-V

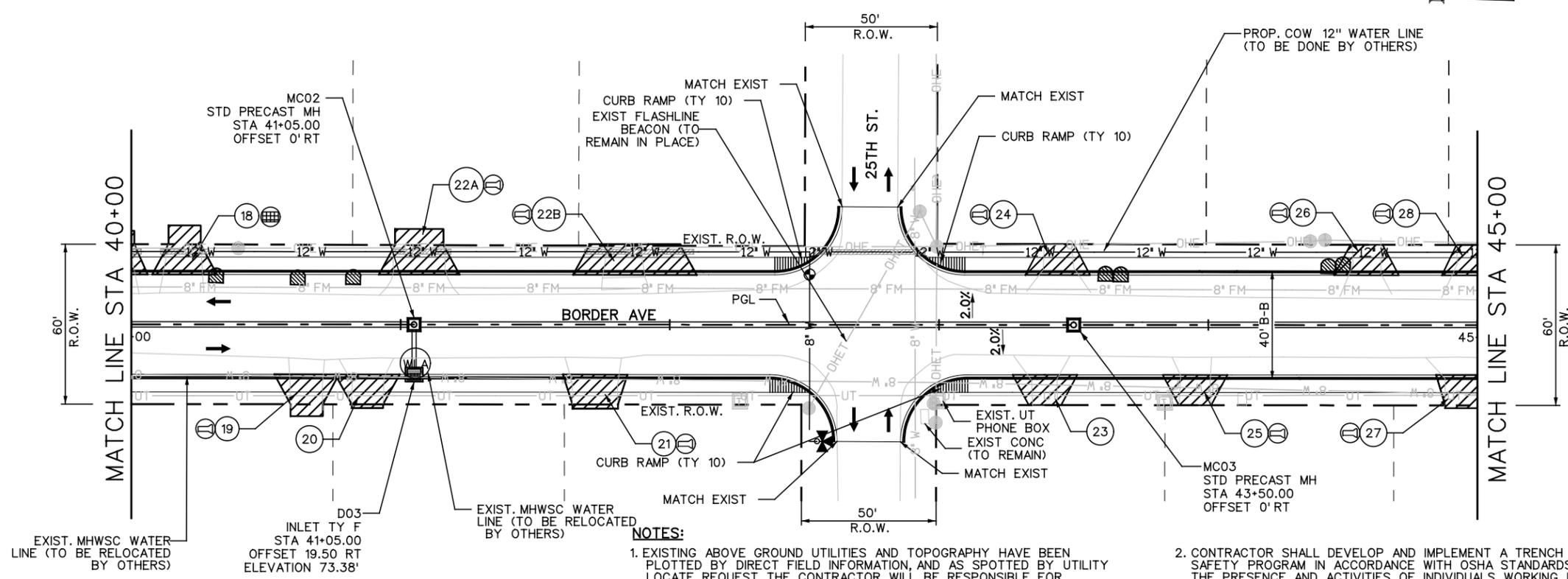
SHEET 6 OF 11

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
		31
STATE	DIST.	COUNTY
TEXAS		HIDALGO
CONT.	SECT.	JOB
		HIGHWAY NO.
		BORDER AVE

Date and Time Plotted: 3/5/2015 3:02:25 PM

LEGEND

- EXISTING R.O.W.
- PROPOSED R.O.W.
- PROPOSED DRIVEWAY
- # # EXIST. # (DIAM INCH) WATER LINE
- # FM EXIST. # (DIAM INCH) COW FORCE MAIN SANITARY SEWER LINE
- # SS EXIST. # (DIAM INCH) COW SANITARY SEWER LINE
- # G EXIST. # (DIAM INCH) TGS GAS PIPELINE
- UFO EXIST. UNDERGROUND FIBER OPTIC CABLE
- UT EXIST. UNDERGROUND CABLE/TELEPHONE LINE
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- UE EXIST. UNDERGROUND ELECTRIC LINE
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- OHEFC EXIST. AEP OVERHEAD ELECTRIC LINE WITH FIBER OPTIC AND CABLE LINE ATTACHED
- # DRIVEWAY NUMBER
- TR EXISTING MAILBOX TO BE REPLACED
- TOP OF RIM
- REMOVE CONCRETE PIPE
- REMOVE SAFETY END TREATMENT(S)
- ADJUST EXISTING GATE
- WLA WATER LINE ADJUSTMENT (IF NECESSARY SEE DETAIL SHEET 55)
- V PROPOSED CURB RAMP TYPE 5



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 - FOR LANE CONFIGURATION SEE TYPICAL SECTION SHEET * 6
 - FOR DRIVEWAYS PENETRATION SEE SHEET * 44

NO.	DATE	REVISION	APP.

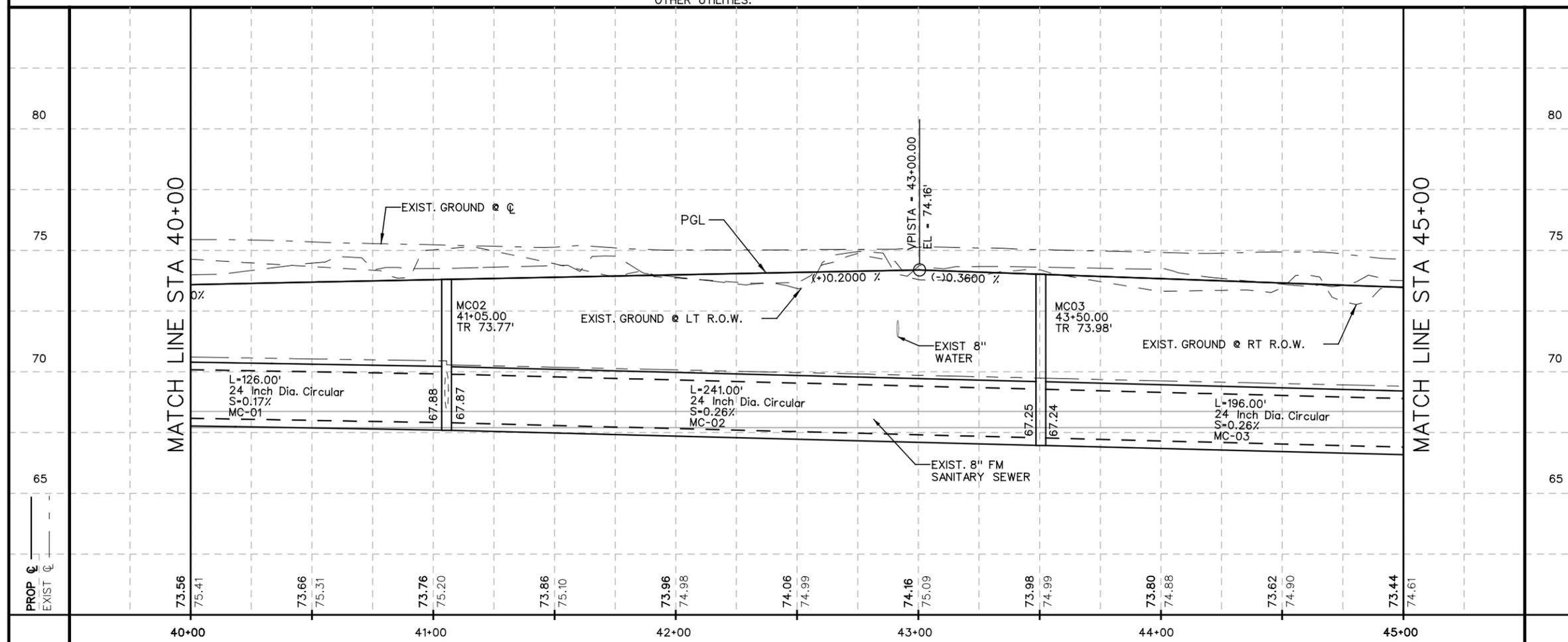


[Signature]
 ROBERTO FINA CARRAL
 DATE 3/5/2015



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 (936) 424-7898

BORDER AVE.
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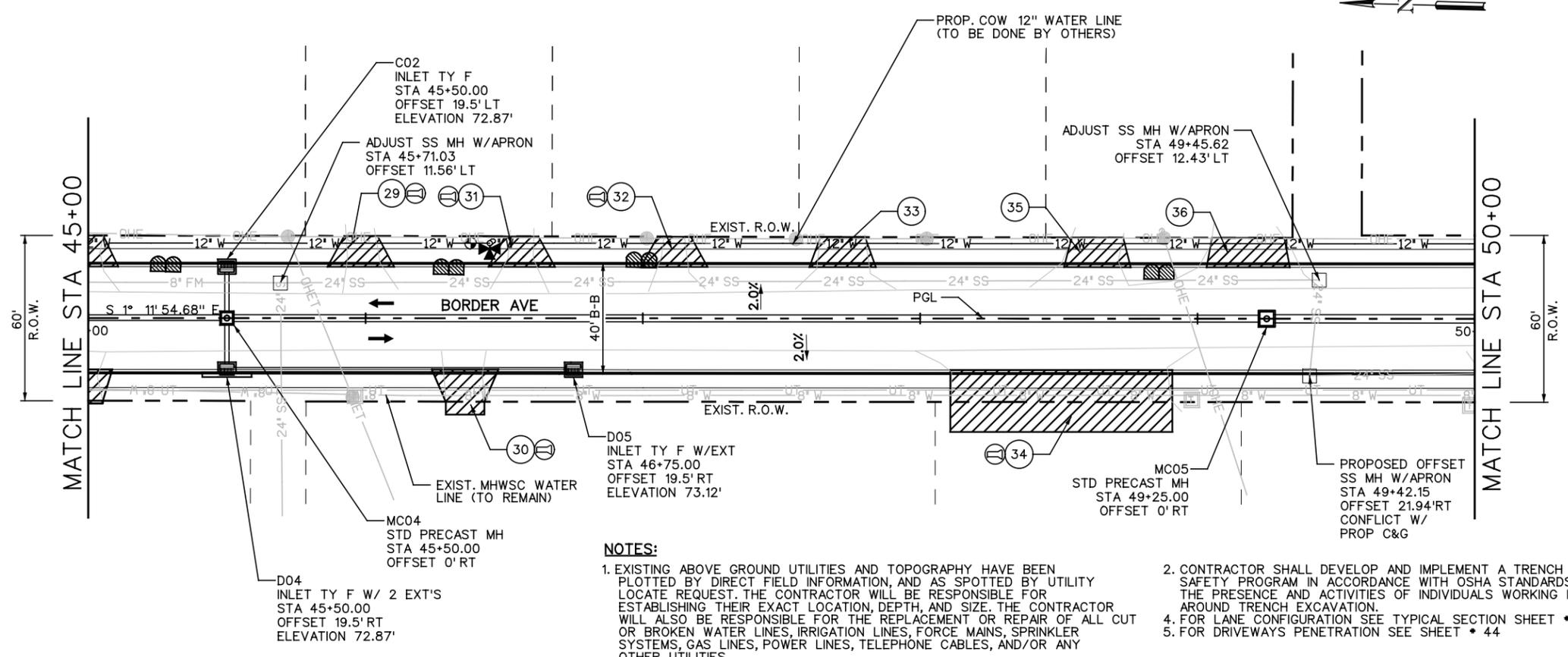
SCALE: 1"=50'-H
 1"=5'-V SHEET 7 OF 11

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
		32
STATE	DIST.	COUNTY
TEXAS		HIDALGO
CONT.	SECT.	JOB
		HIGHWAY NO.
		BORDER AVE

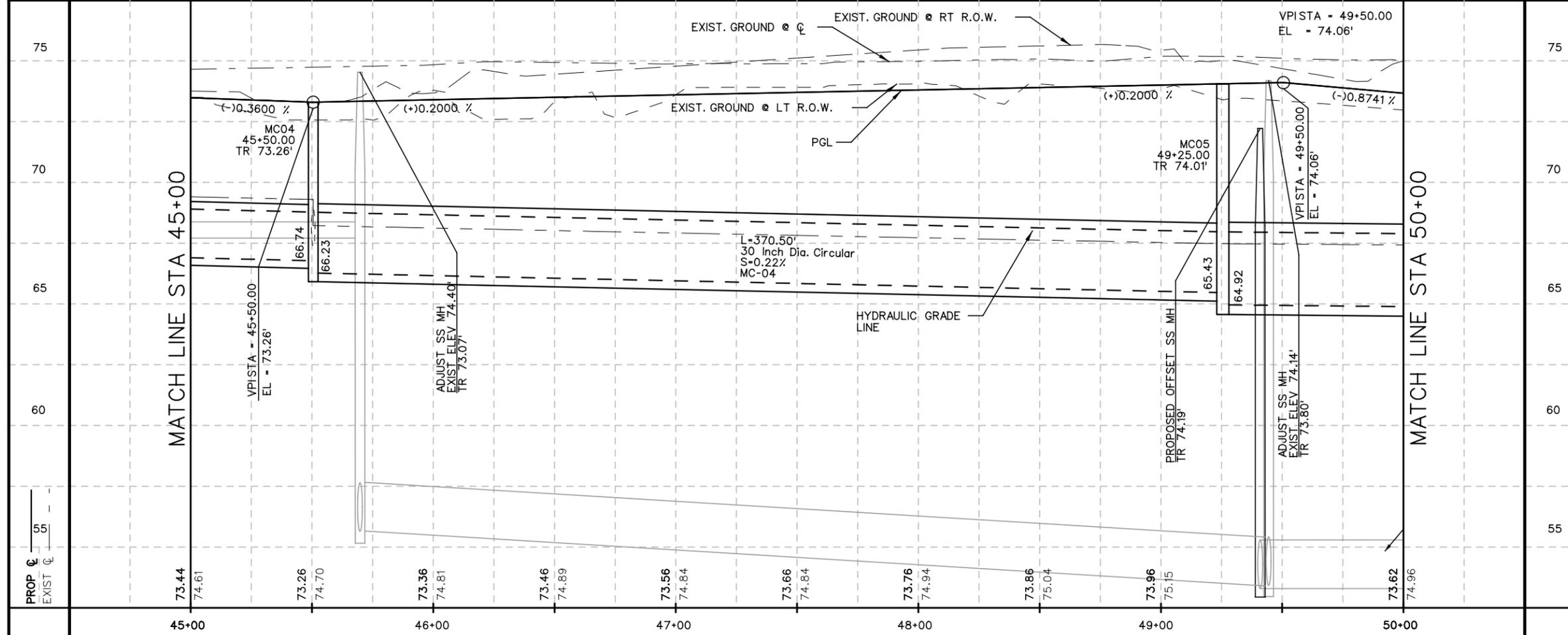
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LEGEND

- EXISTING R.O.W.
- - - PROPOSED R.O.W.
- ▨ PROPOSED DRIVEWAY
- # W --- EXIST. # (DIAM INCH) WATER LINE
- # FM --- EXIST. # (DIAM INCH) COW FORCE MAIN SANITARY SEWER LINE
- # SS --- EXIST. # (DIAM INCH) COW SANITARY SEWER LINE
- # G --- EXIST. # (DIAM INCH) TGS GAS PIPELINE
- UFO --- EXIST. UNDERGROUND FIBER OPTIC CABLE
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- OHE --- EXIST. AEP OVERHEAD ELECTRIC LINE
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- ⊕ --- DRIVEWAY NUMBER
- ⊗ --- EXISTING MAILBOX TO BE REPLACED
- ⊙ --- TOP OF RIM
- ⊖ --- REMOVE CONCRETE PIPE
- ⊖ --- REMOVE SAFETY END TREATMENT(S)
- ⊕ --- ADJUST EXISTING GATE
- WLA --- WATER LINE ADJUSTMENT (IF NECESSARY SEE DETAIL SHEET 55)
- ∇ --- PROPOSED CURB RAMP TYPE 5



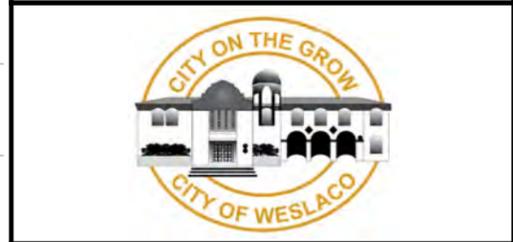
- NOTES:**
- EXISTING ABOVE GROUND UTILITIES AND TOPOGRAPHY HAVE BEEN PLOTTED BY DIRECT FIELD INFORMATION, AND AS SPOTTED BY UTILITY LOCATE REQUEST. THE CONTRACTOR WILL BE RESPONSIBLE FOR ESTABLISHING THEIR EXACT LOCATION, DEPTH, AND SIZE. THE CONTRACTOR WILL ALSO BE RESPONSIBLE FOR THE REPLACEMENT OR REPAIR OF ALL CUT OR BROKEN WATER LINES, IRRIGATION LINES, FORCE MAINS, SPRINKLER SYSTEMS, GAS LINES, POWER LINES, TELEPHONE CABLES, AND/OR ANY OTHER UTILITIES.
 - CONTRACTOR SHALL DEVELOP AND IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION.
 - FOR LANE CONFIGURATION SEE TYPICAL SECTION SHEET * 6
 - FOR DRIVEWAYS PENETRATION SEE SHEET * 44



NO.	DATE	REVISION	APP.

STATE OF TEXAS

 ROBERTO FINA CARRAL
 3/5/2015
 DATE



TEDSI INFRASTRUCTURE GROUP
 Consulting Engineers
 1201 E. Expressway 83
 Mission, Texas 78572
 (936) 424-7898
 TBPE F-1640

BORDER AVE.

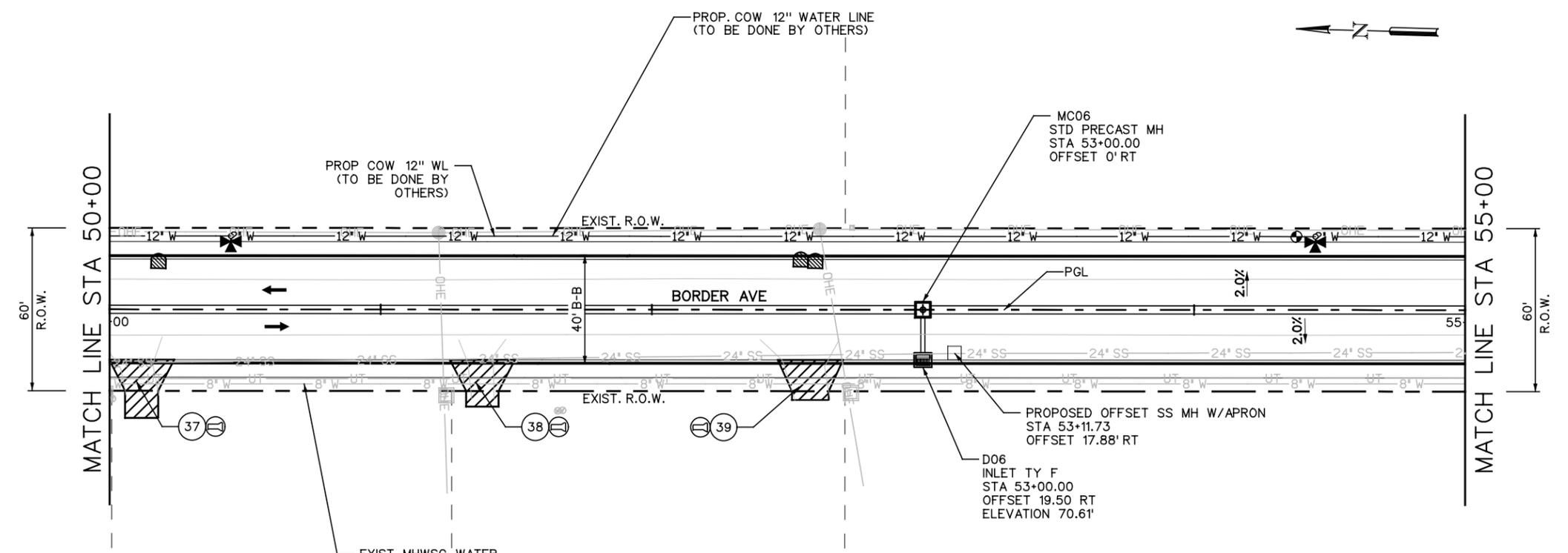
PLAN & PROFILE SHEET

SCALE : 1"=50'-H
 1"=5'-V

SHEET 8 OF 11

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
		33
STATE	DIST.	COUNTY
TEXAS		HIDALGO
CONT.	SECT.	JOB
		HIGHWAY NO.
		BORDER AVE

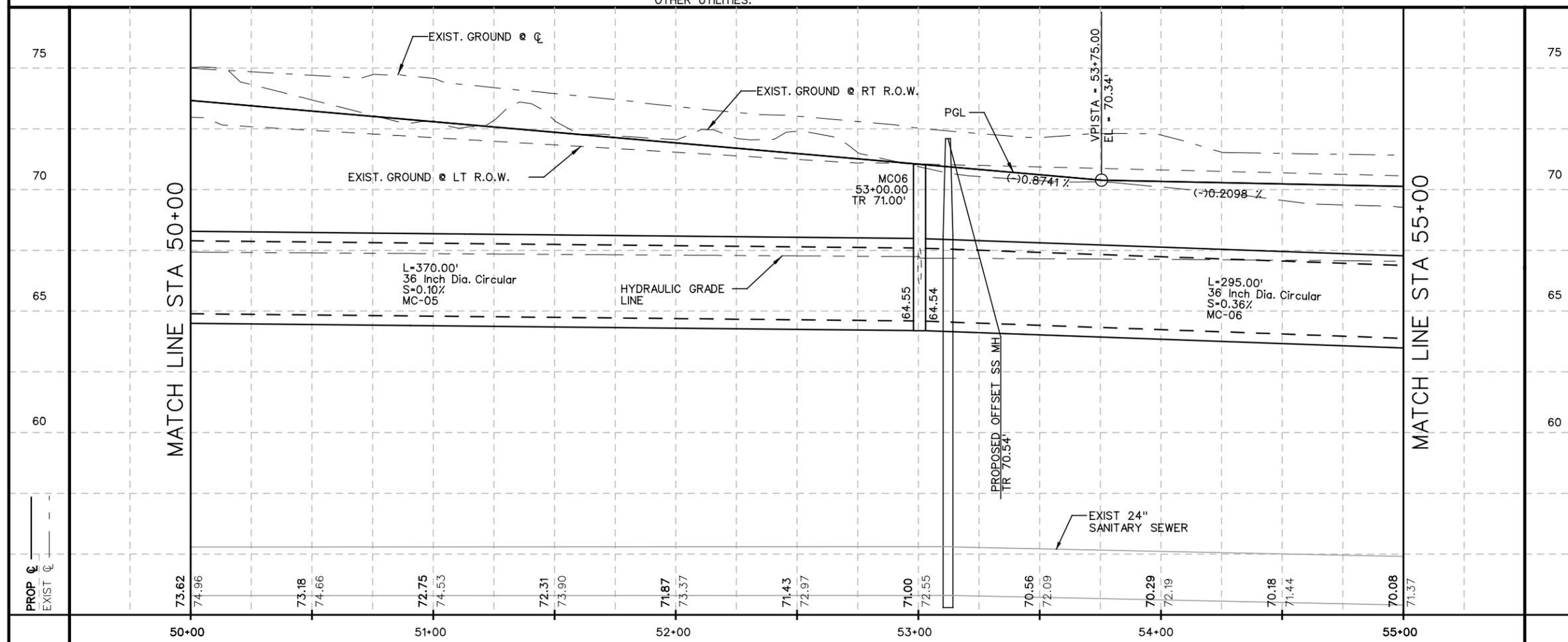
Date and Time Plotted: 3/5/2015 3:02:26 PM



LEGEND

- EXISTING R.O.W.
- PROPOSED R.O.W.
- PROPOSED DRIVEWAY
- # # — EXIST. # (DIAM INCH) WATER LINE
- # FM — EXIST. # (DIAM INCH) COW FORCE MAIN SANITARY SEWER LINE
- # SS — EXIST. # (DIAM INCH) COW SANITARY SEWER LINE
- # G — EXIST. # (DIAM INCH) TGS GAS PIPELINE
- UFO — EXIST. UNDERGROUND FIBER OPTIC CABLE
- UT — EXIST. UNDERGROUND CABLE/TELEPHONE LINE
- OHE — EXIST. AEP OVERHEAD ELECTRIC LINE
- HVTL — EXIST. AEP HIGH VOLTAGE TRANSMISSION LINE
- UE — EXIST. UNDERGROUND ELECTRIC LINE
- OHEC — EXIST. AEP OVERHEAD ELECTRIC LINE WITH CABLE LINE ATTACHED
- OHEFC — EXIST. AEP OVERHEAD ELECTRIC LINE WITH FIBER OPTIC AND CABLE LINE ATTACHED
- # — DRIVEWAY NUMBER
- TR — EXISTING MAILBOX TO BE REPLACED TOP OF RIM
- REMOVE CONCRETE PIPE
- REMOVE SAFETY END TREATMENT(S)
- ADJUST EXISTING GATE
- WLA — WATER LINE ADJUSTMENT (IF NECESSARY SEE DETAIL SHEET 55)
- V — PROPOSED CURB RAMP TYPE 5

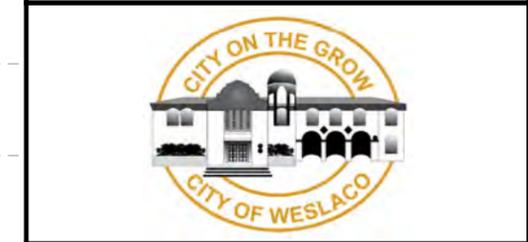
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 - FOR LANE CONFIGURATION SEE TYPICAL SECTION SHEET * 6
 - FOR DRIVEWAYS PENETRATION SEE SHEET * 44



NO.	DATE	REVISION	APP.

STATE OF TEXAS

 ROBERTO FINA CARRAL
 3/5/2015
 DATE



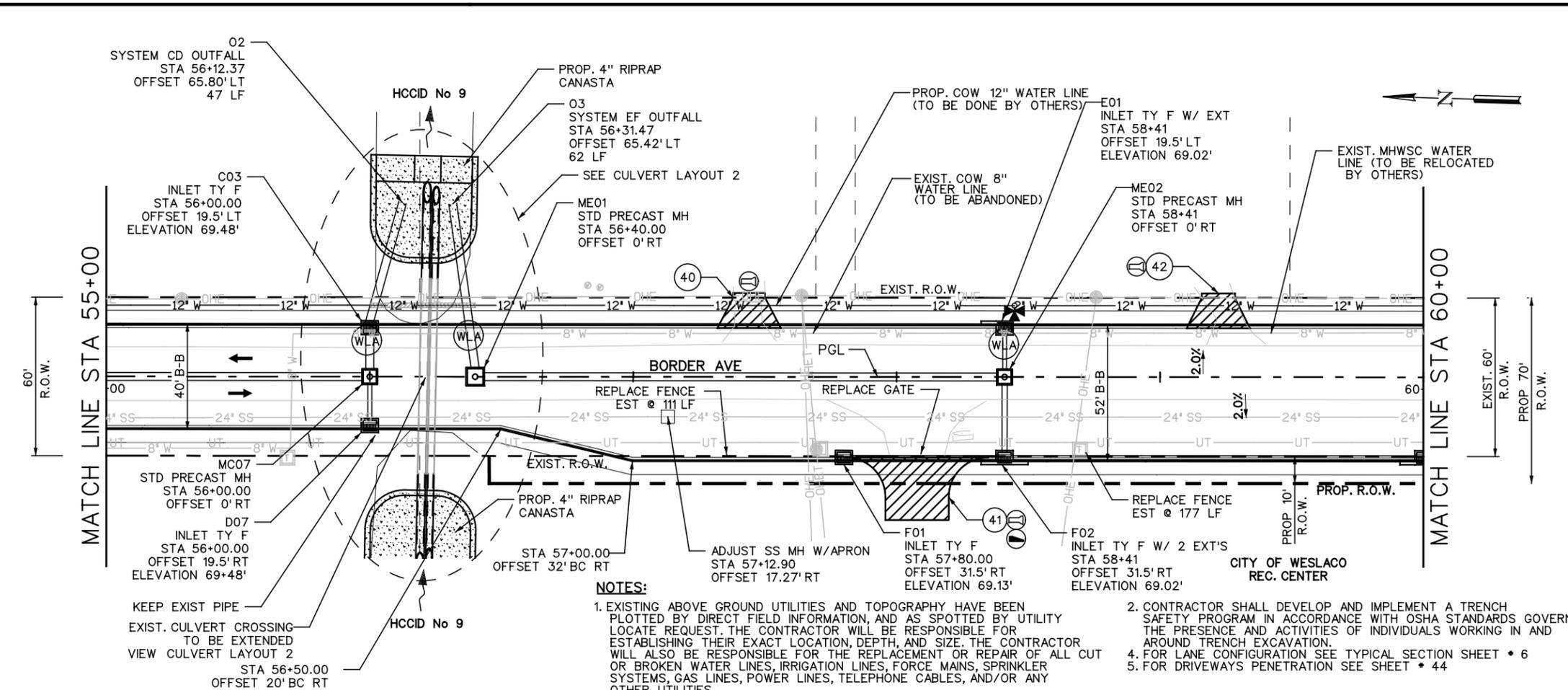
TEDSI INFRASTRUCTURE GROUP
 Consulting Engineers
 1201 E. Expressway 83
 Mission, Texas 78572
 (936) 424-7898

BORDER AVE.
PLAN & PROFILE SHEET

SCALE: 1"=50'-H
 1"=5'-V SHEET 9 OF 11

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
		34
STATE	DIST.	COUNTY
TEXAS		HIDALGO
CONT.	SECT.	JOB
		HIGHWAY NO.
		BORDER AVE

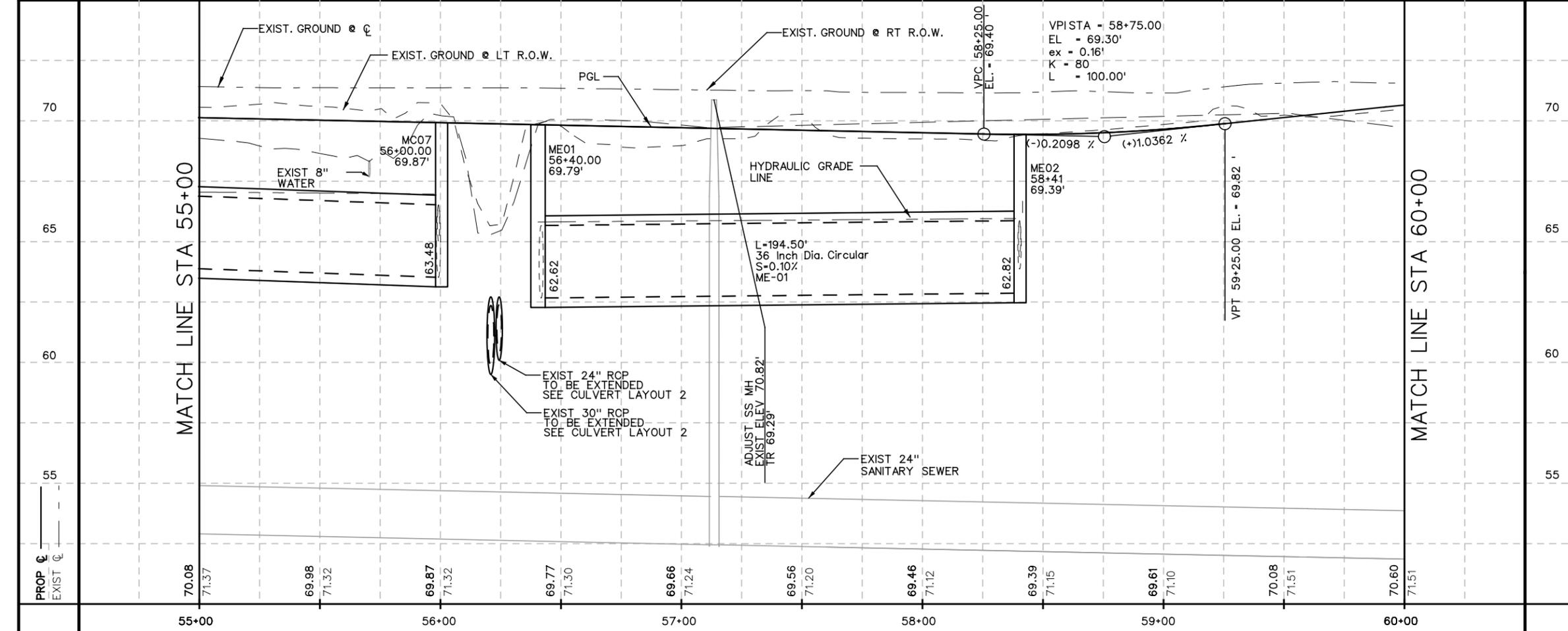
Date and Time Plotted: 3/5/2015 3:02:27 PM



LEGEND

- EXISTING R.O.W.
- PROPOSED R.O.W.
- PROPOSED DRIVEWAY
- # W — EXIST. # (DIAM INCH) WATER LINE
- # FM — EXIST. # (DIAM INCH) COW FORCE MAIN SANITARY SEWER LINE
- # SS — EXIST. # (DIAM INCH) COW SANITARY SEWER LINE
- # G — EXIST. # (DIAM INCH) TGS GAS PIPELINE
- UFO — EXIST. UNDERGROUND FIBER OPTIC CABLE
- UT — EXIST. UNDERGROUND CABLE/TELEPHONE LINE
- OHE — EXIST. AEP OVERHEAD ELECTRIC LINE
- HVTL — EXIST. AEP HIGH VOLTAGE TRANSMISSION LINE
- UE — EXIST. UNDERGROUND ELECTRIC LINE
- OHEC — EXIST. AEP OVERHEAD ELECTRIC LINE WITH CABLE LINE ATTACHED
- OHEFC — EXIST. AEP OVERHEAD ELECTRIC LINE WITH FIBER OPTIC AND CABLE LINE ATTACHED
- ⊕ — DRIVEWAY NUMBER
- ⊗ — EXISTING MAILBOX TO BE REPLACED
- ⊖ — REMOVE CONCRETE PIPE
- ⊙ — REMOVE SAFETY END TREATMENT(S)
- ⊕ — ADJUST EXISTING GATE
- WLA — WATER LINE ADJUSTMENT (IF NECESSARY SEE DETAIL SHEET 55)
- ∇ — PROPOSED CURB RAMP TYPE 5

- NOTES:**
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 - FOR DRIVEWAYS PENETRATION SEE SHEET * 44



NO.	DATE	REVISION	APP.

ROBERTO FINA CARRAL
DATE: 3/5/2015

TEDSI INFRASTRUCTURE GROUP
Consulting Engineers
1201 E. Expressway 83
Mission, Texas 78572
(936) 424-7898

BORDER AVE.

PLAN & PROFILE SHEET

SCALE: 1"=50'-H
1"=5'-V

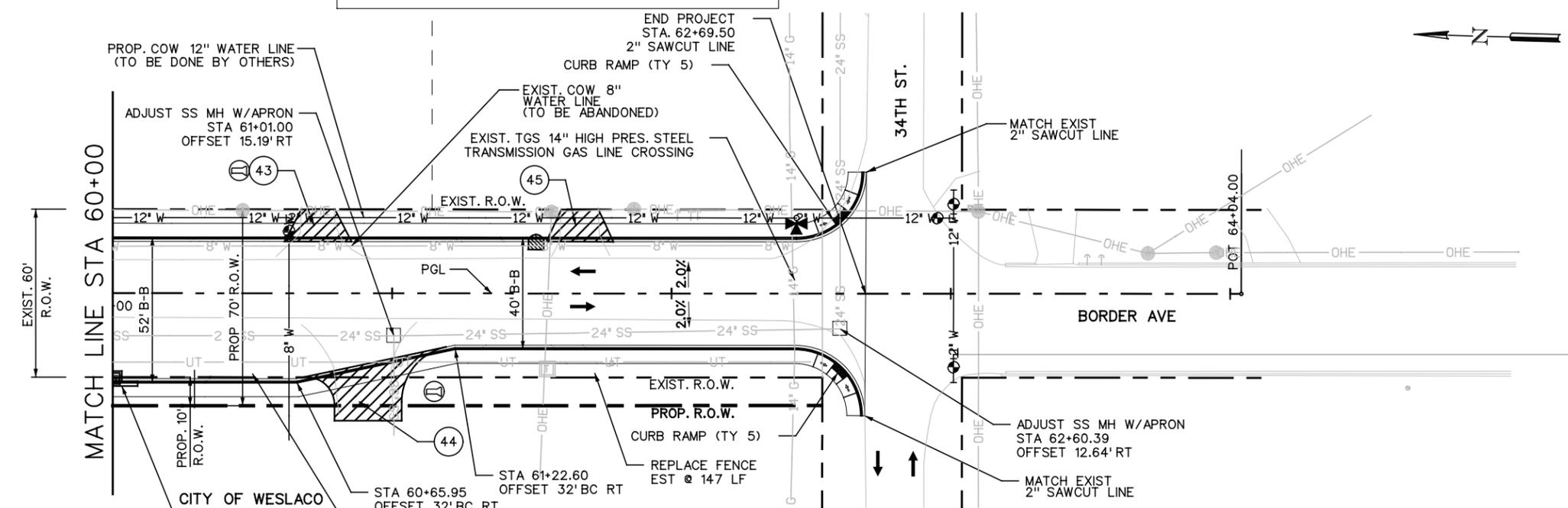
SHEET 10 OF 11

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
		35
STATE	DIST.	COUNTY
TEXAS		HIDALGO
CONT.	SECT.	JOB
		HIGHWAY NO.
		BORDER AVE

Date and Time Plotted: 3/5/2015 3:02:28 PM

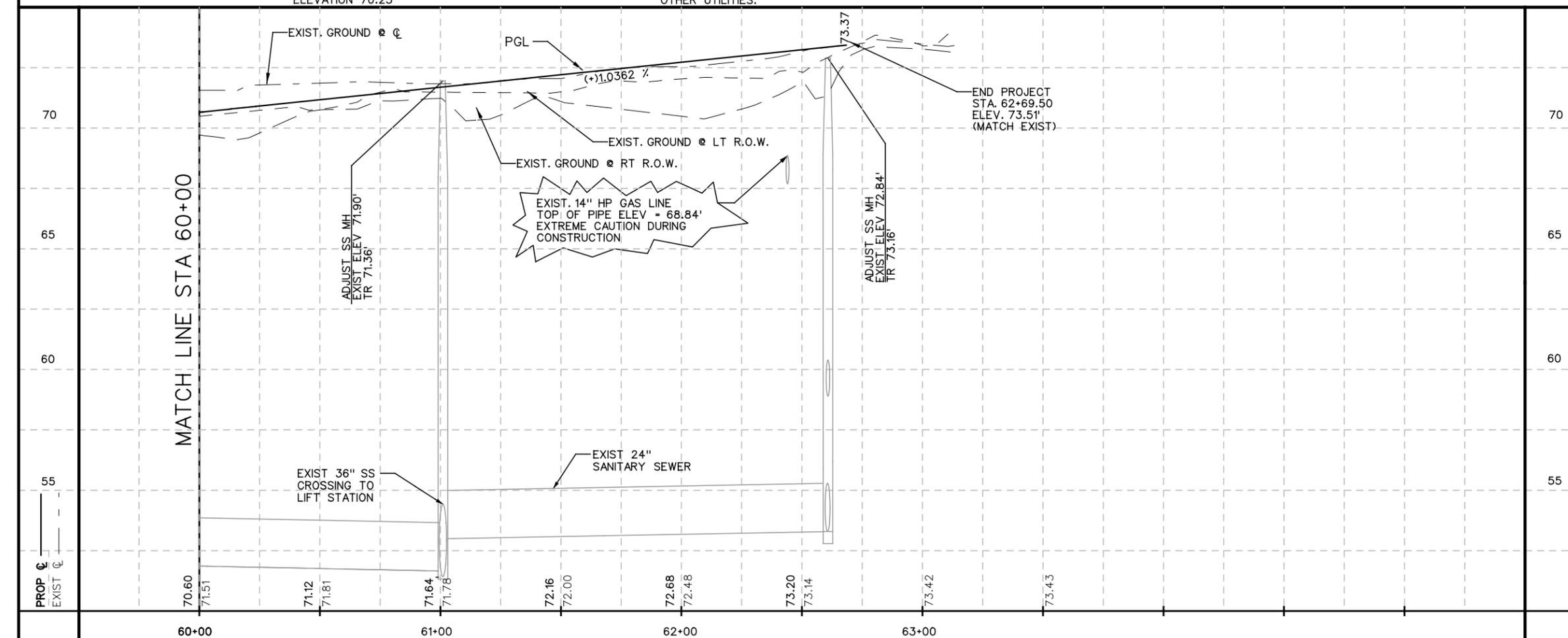
!! CAUTION !!
 EXISTING TEXAS GAS SERVICE UNDERGROUND GAS LINE
 THE CONTRACTOR WILL CONTACT MR. MIKE MARTINEZ (TGS)
 AT 956-578-7496 PRIOR TO WORKING IN THIS AREA

- LEGEND**
- EXISTING R.O.W.
 - - - PROPOSED R.O.W.
 -  PROPOSED DRIVEWAY
 - # W --- EXIST. # (DIAM INCH) WATER LINE
 - # FM --- EXIST. # (DIAM INCH) COW FORCE MAIN SANITARY SEWER LINE
 - # SS --- EXIST. # (DIAM INCH) COW SANITARY SEWER LINE
 - # G --- EXIST. # (DIAM INCH) TGS GAS PIPELINE
 - UFO --- EXIST. UNDERGROUND FIBER OPTIC CABLE
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 - OHE --- EXIST. AEP OVERHEAD ELECTRIC LINE
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 - TR --- EXISTING MAILBOX TO BE REPLACED TOP OF RIM
 - ⊖ --- REMOVE CONCRETE PIPE
 - ⊖ --- REMOVE SAFETY END TREATMENT(S)
 - ⊕ --- ADJUST EXISTING GATE
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 - ∇ --- PROPOSED CURB RAMP TYPE 5



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 - FOR DRIVEWAYS PENETRATION SEE SHEET * 44

F03
 INLET TY F W/EXT
 STA 60+00.00
 OFFSET 31.5 RT
 ELEVATION 70.23'



NO.	DATE	REVISION	APP.



Roberto Fina Carral
 ROBERTO FINA CARRAL
 3/5/2015
 DATE



TEDSI INFRASTRUCTURE GROUP
 Consulting Engineers
 1201 E. Expressway 83
 Mission, Texas 78572
 (956) 424-7898

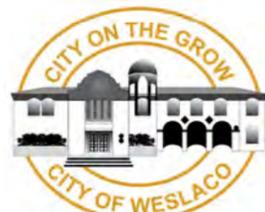
BORDER AVE.
PLAN & PROFILE SHEET

SCALE : 1"=50'-H
 1"=5'-V SHEET 11 OF 11

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
		36
STATE	DIST.	COUNTY
TEXAS		HIDALGO
CONT.	SECT.	JOB
		HIGHWAY NO.
		BORDER AVE

Inlets and Manholes

Node - ID								
Inlets & Manholes					ITEM 465 - Inlets (Complete)		ITEM 465 - Manholes (Complete)	
Node - ID	Type	Station	Offset	Reference Chain	TY F (ea)	INLET EXT (ea)	STANDARD PRECAST (ea)	TY M (ea)
			(feet)					
O1	Outlet	24+48.00	-122.00	P-BRD				
O2	Outlet	56+12.37	-65.80	P-BRD				
O3	Outlet	56+31.47	-65.42	P-BRD				
A01	Curb and Grate	13+00.00	-19.50	P-BRD	1			
A02	Curb and Grate	14+18.00	-19.50	P-BRD	1			
A03	Curb and Grate	22+25.00	-19.50	P-BRD	1	1		
A04	Curb and Grate	30+00.00	-19.50	P-BRD	1	1		
B01	Curb and Grate	13+00.00	19.50	P-BRD	1			
B02	Curb and Grate	14+18.00	19.50	P-BRD	1			
B03	Curb and Grate	22+25.00	19.50	P-BRD	1	1		
B04	Curb and Grate	28+00.00	19.50	P-BRD	1			
B05	Curb and Grate	30+00.00	19.50	P-BRD	1			
B06	Curb and Grate	31+50.00	19.50	P-BRD	1			
C01	Curb and Grate	39+75.00	-19.50	P-BRD	1			
C02	Curb and Grate	45+50.00	-19.50	P-BRD	1			
C03	Curb and Grate	56+00.00	-19.50	P-BRD	1			
D01	Curb and Grate	38+50.00	19.50	P-BRD	1			
D02	Curb	39+75.00	19.50	P-BRD	1	2		
D03	Curb and Grate	41+05.00	19.50	P-BRD	1			
D04	Curb	45+50.00	19.50	P-BRD	1	2		
D05	Curb and Grate	46+75.00	19.50	P-BRD	1			
D06	Curb and Grate	53+00.00	19.50	P-BRD	1			
D07	Curb and Grate	56+00.00	19.50	P-BRD	1			
E01	Curb and Grate	58+41.00	-19.50	P-BRD	1	1		
F01	Curb and Grate	57+80.00	31.50	P-BRD	1			
F02	Curb	58+41.00	31.50	P-BRD	1	2		
F03	Curb	60+00.00	31.50	P-BRD	1	2		
X01	Junction	10+60.00	-26.93	P-BRD			1	
X02	Junction	10+60.00	12.92	P-BRD				1
X03	Junction	29+43.50	54.83	P-BRD				
MA01	Junction	10+60.00	0.00	P-BRD				1
MA02	Junction	13+00.00	0.00	P-BRD				1
MA03	Junction	14+18.00	0.00	P-BRD				1
MA04	Junction	17+00.00	0.00	P-BRD				1
MA05	Junction	19+50.00	0.00	P-BRD			1	
MA06	Junction	22+25.00	0.00	P-BRD			1	
MA07	Junction	23+90.00	0.00	P-BRD				1
MA08	Junction	28+00.00	0.00	P-BRD			1	
MA09	Junction	29+43.50	0.00	P-BRD			1	
MA10	Junction	30+00.00	0.00	P-BRD			1	
MC01	Junction	39+75.00	0.00	P-BRD			1	
MC02	Junction	41+05.00	0.00	P-BRD			1	
MC03	Junction	43+50.00	0.00	P-BRD			1	
MC04	Junction	45+50.00	0.00	P-BRD			1	
MC05	Junction	49+25.00	0.00	P-BRD			1	
MC06	Junction	53+00.00	0.00	P-BRD			1	
MC07	Junction	56+00.00	0.00	P-BRD			1	
ME01	Junction	56+40.00	0.00	P-BRD			1	
ME02	Junction	58+41.00	0.00	P-BRD			1	
					24	12	15	6

NO.	DATE	REVISION	APP.
  ROBERTO FINA CARRAL DATE 3/5/2015			
			
TEDSI INFRASTRUCTURE GROUP Consulting Engineers 1201 E. Expressway 83 Mission, Texas 78572 (956) 424-7898 TBPE F-1640			
BORDER AVE. DRAINAGE STRUCTURE INFORMATION			
SHEET 1 OF 1			
FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		SHEET NO. 54
STATE	DIST.	COUNTY	
TEXAS		HIDALGO	
CONT.	SECT.	JOB	HIGHWAY NO. BORDER AVE