

HIDALGO COUNTY PRECINCT NO. 1

FEMA ROAD AND DRAINAGE IMPROVEMENTS WORK AUTHORIZATION No. 2

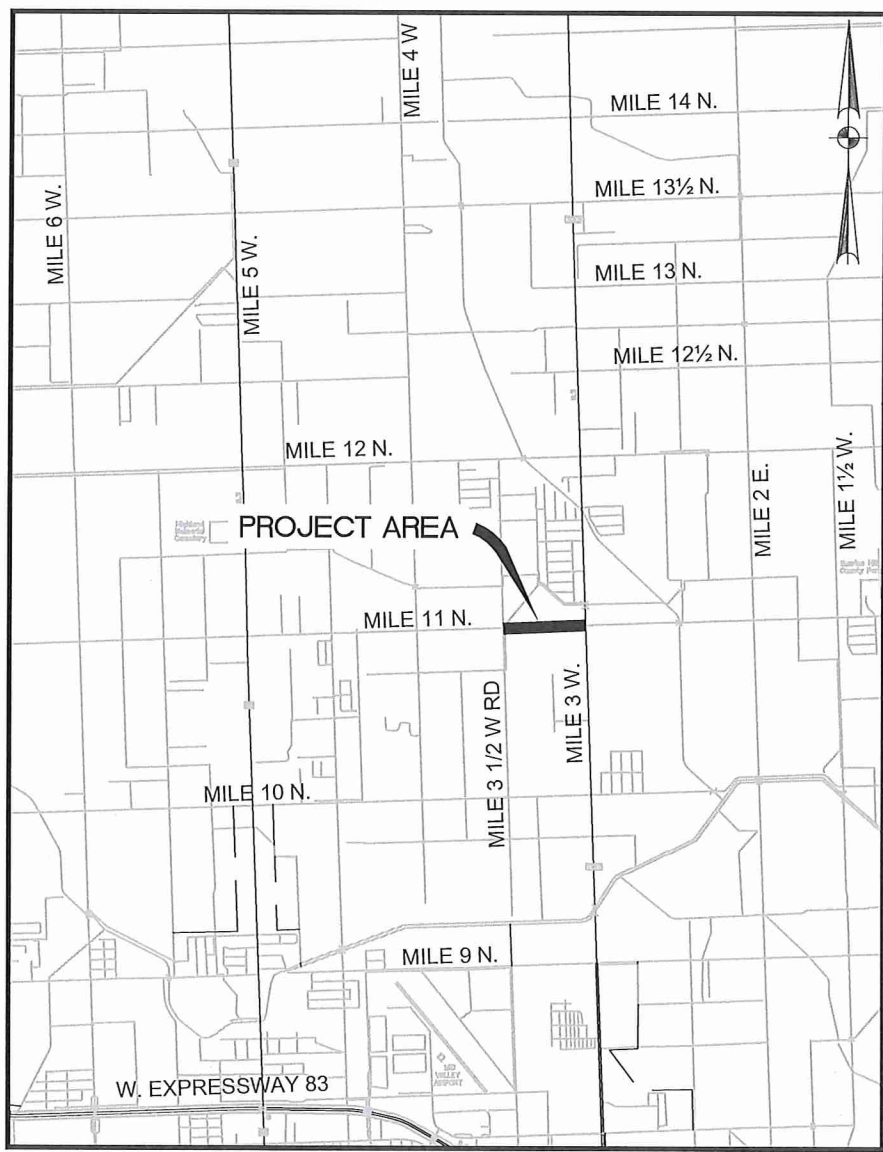
MILE 11 N. ROAD BETWEEN (MILE 3 W. ROAD AND MILE 3 1/2 W. ROAD)

MERCEDAS, TEXAS



HIDALGO COUNTY OFFICIALS

RAMON GARCIA _____ COUNTY JUDGE
 A.C. CUELLAR, JR. _____ COMMISSIONER PCT. No. 1
 EDDIE CANTU _____ COMMISSIONER PCT. No. 2
 JOE M. FLORES _____ COMMISSIONER PCT. No. 3
 JOSEPH PALACIOS _____ COMMISSIONER PCT. No. 4

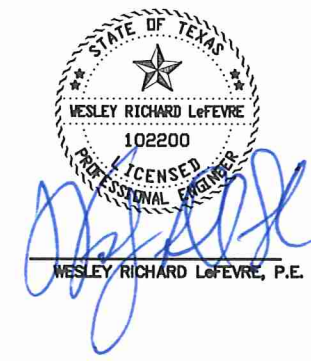


SCALE 1"=6000'

NOVEMBER 2016

INDEX OF SHEETS

Sheet No.	Description
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3-5	SURVEY CONTROL PLAN
6-11	PLAN AND PROFILE SHEETS
12	DETAILS SHEET



LeFEVRE
 ENGINEERING &
 MANAGEMENT CONSULTING, LLC.
 Texas Registered Engineering Firm F-11722

612 Nolana, Suite 520
 McAllen, Texas 78504
 Tel. 956.687.LEMC
 Fax. 956.687-5363

Drawn	LH	Date	NOVEMBER, 2016
Checked	HM	Job No.	P-203-02
Approved	WRL	Sheet	1 of 12

Z:\3 Projects\Winters\112517 FEMA Road Part 1 - Second Contract\Drawings\203-02 (REV. 11) (DMS) - Cover Sheet.dwg Rev. 02/2016 - 6:35AM Project Manager

GENERAL

- CONTRACTOR SHALL CONTACT Lefevre Engineering & Management Consulting, LLC (LEMC) AT 956-687-5362, 72 HOURS PRIOR TO START OF ANY CONSTRUCTION WITHIN PROJECT SITE.
- CONTRACTOR TO NOTIFY ALL UTILITY COMPANIES WITHIN THE CONSTRUCTION AREA 72 HOURS PRIOR TO EXCAVATION NEAR THEIR UTILITIES.
- CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF EXISTING FACILITIES PRIOR TO CONSTRUCTION OF PROPOSED FACILITIES (NO SEPARATE PAY). ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF Lefevre Engineering Management Consulting, LLC. IN WRITING PRIOR TO COMMENCEMENT OF CONSTRUCTION. ANY DAMAGE TO EXISTING FACILITIES INCURRED AS A RESULT OF THIS CONSTRUCTION OPERATION WILL BE REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE.
- CONTRACTOR TO OBTAIN ALL CONSTRUCTION PERMITS NOT SUPPLIED BY OWNER AT HIS EXPENSE PRIOR TO COMMENCEMENT OF WORK. OWNER'S ENGINEER TO APPLY FOR AND PROVIDE TXDOT PERMIT TO WORK IN R.O.W. AND ANY RELATED CROSSING PERMITS.
- CONTRACTOR SHALL GIVE NOTICE TO ALL AUTHORIZED INSPECTORS, SUPERINTENDENTS, OR PERSONS IN CHARGE OF PRIVATE AND PUBLIC UTILITIES OR RAILROADS AFFECTED BY HIS OPERATIONS PRIOR TO COMMENCEMENT OF WORK. CONTRACTOR SHALL ASSURE HIMSELF THAT ALL CONSTRUCTION PERMITS HAVE BEEN OBTAINED PRIOR TO COMMENCEMENT OF WORK. REQUIRED PERMITS THAT CAN ONLY BE ISSUED TO CONTRACTOR WILL BE OBTAINED AT HIS EXPENSE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ADEQUATE DRAINAGE AT ALL TIMES DURING CONSTRUCTION OF PROPOSED FACILITIES. NATURAL GROUND ADJACENT TO UTILITY TRENCH EXCAVATION TO BE CLEARED AND GRUBBED PRIOR TO PLACEMENT OF EXCESS TRENCH MATERIAL (NO ADDITIONAL PAYMENT - INCLUDE IN COST OF UNDERGROUND UTILITIES CONSTRUCTION.)
- FILL TO BE PLACED IN MAXIMUM 6-INCH LIFTS AND COMPACTED TO A MINIMUM OF 95% STANDARD PROCTOR DENSITY PER ASTM D-698, UNLESS OTHERWISE NOTED.
- CONTRACTOR IS RESPONSIBLE FOR CLEANING MUD AND/OR DIRT TRACKED ONTO EXISTING STREETS BY HIS WORKMEN'S, SUPPLIER'S, OR SUBCONTRACTOR'S VEHICLES. STREETS MUST BE CLEANED WITHIN 2 HOURS OF WHEN THE TRACKING OCCURS. NO SEPARATE PAY.
- RETESTING OF ANY TESTING FAILURES WILL BE THE CONTRACTOR'S RESPONSIBILITY. NO SEPARATE PAY
- WHERE CONTRACTOR'S WORK AND/OR EQUIPMENT CAUSES AN OBSTRUCTION TO TRAFFIC, CONTRACTOR SHALL PROVIDE AND INSTALL TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH PART XI OF THE "TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (TEXAS M.U.D.C.D., MOST RECENT EDITION AS REVISED) DURING CONSTRUCTION. A WRITTEN TRAFFIC CONTROL PLAN SHALL BE SUBMITTED PRIOR TO CONSTRUCTION FOR REVIEW BY THE ENGINEER & OTHER APPROPRIATE PERSONS.
- LOCATION OF EXISTING UNDERGROUND UTILITIES AND SERVICE LINES (WATER, SEWER, GAS, TELEPHONE, ELECTRICAL, ETC.) ARE DETERMINED FROM AVAILABLE RECORDS AND ARE APPROXIMATE. CONTRACTOR TO LOCATE LINES AND/OR OBSTRUCTIONS AHEAD OF EXCAVATION.
- ANY SOIL BORINGS THE CONTRACTOR REQUIRES ARE TO BE DONE BY THE CONTRACTOR AT HIS EXPENSE.
- OVERHEAD LINES MAY EXIST ON THE ALIGNMENTS. CLEARLY VISIBLE LINES ARE NOT MARKED, AND CONTRACTOR TO NOTE THEIR LOCATION PRIOR TO CONSTRUCTION. TEXAS LAW, SECTION 752, HEALTH & SAFETY CODE, FORBIDS ALL ACTIVITIES IN WHICH
- PERSONS OR OBJECTS MAY COME WITHIN SIX (6) FEET OF LIVE OVERHEAD HIGH VOLTAGE LINES. CONTRACTORS ARE LEGALLY RESPONSIBLE FOR SAFETY OF CONSTRUCTION WORKERS UNDER THIS LAW. THIS LAW CARRIES BOTH CRIMINAL AND CIVIL LIABILITY.
- CONTRACTOR TO MAKE ARRANGEMENTS WITH THE APPROPRIATE UTILITY COMPANY FOR SECURING POLES, IF NECESSARY, WHILE CONSTRUCTION PASSES BY POLES. COSTS OF SECURING POLES WILL BE PAID FOR BY THE CONTRACTOR, NO SEPARATE PAY.
- CONSTRUCTION STAKING (ALIGNMENT AND GRADE) TO BE PROVIDED BY THE CONTRACTOR AT NO SEPARATE PAY.
- SURPLUS EXCAVATED MATERIAL SHALL BE REMOVED AND DISPOSED OF OFF SITE AS DIRECTED BY THE ENGINEER. IF THE ENGINEER NOTIFIES THE CONTRACTOR THAT THE OWNER DOES NOT HAVE USE FOR THIS MATERIAL, THE SURPLUS MATERIAL BECOMES THE PROPERTY OF THE CONTRACTOR, AND IT IS HIS RESPONSIBILITY TO DISPOSE OF THE MATERIAL.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH APPLICABLE LOCAL REQUIREMENTS.
- CONTRACTOR SHALL PROTECT EXISTING UNDERGROUND FACILITIES DURING INSTALLATION OF PROPOSED WORK.
- PAVED SURFACES SHALL BE PROTECTED FROM DAMAGE FROM TRACKED EQUIPMENT. ANY REPAIRS TO DAMAGED PAVED SURFACES WILL BE PAID BY THE CONTRACTOR. NO SEPARATE PAY.
- IRON RODS DISTURBED DURING CONSTRUCTION TO BE REPLACED BY REGISTERED PUBLIC LAND SURVEYOR TO ORIGINAL PROPERTY CORNER AT NO SEPARATE PAY.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN AN UPDATED REDLINED "AS-BUILT" SET OF PLANS ON SITE FOR INSPECTION BY THE ENGINEER, THE ENGINEER'S REPRESENTATIVE, AND THE OWNER'S REPRESENTATIVE.
- WORK PERFORMED UNDER THIS CONTRACT IS GOVERNED BY REQUIREMENTS OF SEVERAL PUBLIC, GOVERNMENTAL, AND PRIVATE ENTITIES. CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF GOVERNING ENTITIES.

GENERAL CONT.

- SURVEY PERFORMED BY RIO DELTA SURVEYOR ELEVATIONS BASED UPON STATIC GPS OBSERVATIONS; NAVD 88 HORIZ: STATE PLANE COORDINATES (NAD83) ZONE SOUTH TEXAS

TRAFFIC CONTROL NOTES:

MAINTENANCE OF WORK ZONE TRAFFIC CONTROL SERVICE:

- THOSE PORTIONS OF THE PROJECT WHICH REQUIRE CONSTRUCTION UNDER TRAFFIC WILL BE MAINTAINED IN A CONDITION ACCEPTABLE TO THE ENGINEER. THIS WORK WILL BE SUBSIDIARY TO THE VARIOUS BID ITEMS.
- AT ANYTIME DURING THE PROSECUTION OF THIS PROJECT IF OTHER SIGNS, BARRICADES, ETC. ARE DEEMED NECESSARY TO CONTROL AND PROVIDE SAFETY FOR THE TRAVELING PUBLIC. THE CONTRACTOR SHALL PROVIDE THESE ADDITIONAL TRAFFIC CONTROL DEVICES. PAYMENT FOR THIS WILL NOT BE PAID FOR DIRECTLY, BUT WILL BE CONSIDERED SUBSIDIARY TO BID.
- THE CONTRACTOR SHALL TAKE CARE TO ASSURE THAT ALL TRAFFIC CONTROL DEVICES AND WORK ZONE PAVEMENT MARKINGS BE KEPT IN A HIGHLY VISIBLE CONDITION (CLEAN, UPRIGHT, AND PROPER LOCATION) THE CONTRACTOR SHALL HAVE ADEQUATE REPLACEMENT TRAFFIC CONTROL DEVICES AVAILABLE, AT ALL TIMES, TO REPLACE THOSE DAMAGED.

SIGNING:

- THE CONTRACTOR SHALL COVER OR TEMPORARILY REMOVE EXISTING SIGNS THAT CONFLICT WITH THE SUGGESTED TRAFFIC CONTROL PLAN OR THE INTENT THEREOF.
- EXISTING SIGNS THAT DON NOT CONFLICT WITH THE SUGGESTED TRAFFIC CONTROL PLAN OR THE INTENT THEREOF, BUT REQUIRE RELOCATION DUE TO PHYSICAL CONFLICTS SHALL NOT BE RELOCATED UNTIL TEMPORARY SIGN SUPPORTS HAVE BEEN INSTALLED TO ALLOW FOR THE IMMEDIATE RELOCATION OF ANY SUCH SIGNS.
- THESE SIGNING MEASURES SHALL NOT BE PAID, OR DIRECTLY, BUT SHALL BE CONSIDERED SUBSIDIARY TO BID.
PUBLIC ACCESS AND PEDESTRIAN SAFETY:
- ANY PORTIONS OF THIS PROJECT THAT COINCIDE WITH EXISTING PUBLIC ROADS AND/OR PRIVATE DRIVES SHALL BE KEPT OPEN TO TRAFFIC AT ALL TIMES, UNLESS OTHERWISE DIRECTED OR APPROVED BY THE ENGINEER.
- THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN TWO-WAY TRAFFIC ON ALL PUBLIC ROADWAYS AT ALL TIMES UNLESS OTHERWISE NOTED ON THE PLANS.
- FOR PEDESTRIAN SAFETY, THE CONTRACTOR SHALL INSTALL ORANGE PLASTIC CONSTRUCTION FENCING (3 FT TALL MINIMUM) AROUND ALL OPEN EXCAVATIONS. THE PLACEMENT OF THIS FENCING SHALL NOT OBSTRUCT SIGHT LINES OF THE TRAVELING PUBLIC.
- THESE MEASURES FOR PUBLIC ACCESS AND PEDESTRIAN SAFETY WILL NOT BE PAID FOR DIRECTLY BUT SHALL BE CONSIDERED SUBSIDIARY TO BID.
- INSTALLATION AND MAINTENANCE OF ALL WORK ZONE SIGNS, BARRICADES, AND PAVEMENT MARKINGS IS THE RESPONSIBILITY OF THE CONTRACTOR, AND SHALL CONFORM TO BARRICADE AND CONSTRUCTION (BC) STANDARDS AND/OR THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD)
- CONSTRUCTION IN ANY AREA THAT IS ADVERSELY AFFECTING TRAFFIC FLOW AND SAFETY MUST BE PURSUED DILIGENTLY BY THE CONTRACTOR. IF IN THE OPINION OF THE ENGINEER, THE CONTRACTOR IS NOT DILIGENTLY PURSUING THE CONSTRUCTION IN THOSE AREAS, THE ENGINEER MAY REQUIRE THE CONTRACTOR TO CHANGE HIS WORK SCHEDULE TO EXPEDITE COMPLETION IN THOSE AREAS OF CONCERN.
- THE CONTRACTOR MAY REQUEST TO ALTER THE TRAFFIC CONTROL PLAN, BUT ANY REQUESTS MAY BE SUBMITTED TO THE ENGINEER IN WRITING. IF THE REQUEST FOR A CHANGE IN THE TRAFFIC CONTROL IS EXTENSIVE, THE ENGINEER MAY REQUIRE THE CONTRACTOR TO PROVIDE PLAN SHEET REVISIONS OUTLINING HIS CHANGE. THESE PLAN SHEET REVISIONS WILL BE PROVIDED BY THE CONTRACTOR AT HIS OWN EXPENSE. ANY CHANGES TO THE TRAFFIC CONTROL PLAN WILL BE SUBJECT TO THE ENGINEER'S WRITTEN APPROVAL.
- FLASHING WARNING LIGHTS AND/OR FLAGS SHALL BE USED TO CALL ATTENTION TO THE EARLY WARNING SIGNS.
- STEADY BURN (TY D) WARNING LIGHTS SHALL BE USED TO MARK CHANNELIZING DEVICES AT NIGHT AS NEEDED.
- ADDITIONAL SIGNS, BARRICADES, AND/OR OTHER CHANNELIZING DEVICES MAY BE REQUIRED AND/OR ADJUSTED AS DIRECTED BY THE ENGINEER.
- WHEN CONSTRUCTION OPERATIONS RESULT IN DROP OF MORE THAN 2 INCHES NEXT TO TRAVEL WAY A 3:1 SLOPE AND 4.0 FEET BUFFER ZONE WILL BE REQUIRED DURING NON WORKING HOURS.
- FOR POSTED SPEEDS EXCEEDING 30 MPH, ADVISORY SPEED SIGNS WITH APPROPRIATE WARNING SIGNS, SHALL BE POSTED IN THE VICINITY SPECIFIC WORK ZONES WITH THE PROJECT LIMITS, UNLESS OTHER SIDE DIRECTED BY THE ENGINEER.
- LENGTH AND SPACING OF CHANNELIZING DEVICES SHALL BE AS SHOWN ON THE BC STANDARDS AND THE "T.M.U.T.C.D." OTHER SIGNS MAY BE USED IN ADDITION TO THOSE REQUIRED BY BARRICADE STANDARDS.
- ALL WORK SHALL BE DONE EXPEDITIOUSLY DURING DAYLIGHT HOURS, OR AS DIRECTED BY THE ENGINEER. NECESSARY FLAGGERS AND APPROPRIATE SIGNING TO SAFELY GUIDE TRAFFIC THROUGH THE WORK AREA WILL BE REQUIRED AS DIRECTED BY THE ENGINEER.
- REFER TO STANDARD TRAFFIC CONTROL SHEETS FOR OTHER PERTINENT INFORMATION NOT SHOWN.
- WORK BEYOND THE PROJECT LIMITS WILL BE PERMITTED PROVIDED DRUMS ARE INSTALLED AS PER TRAFFIC CONTROL BARRIER DEVICES AND THE WORK DOES NOT CREATE A DROP OFF OF MORE THAN TWO (2) INCHES.
- CONTRACTOR TO USE A POWER BROOM FOR CLEANING ROADWAY AND TO MAINTAIN CLEAN AT ALL TIMES. THIS IS NOT A PAID ITEM.
- ROADWAY BARRELS TO BE USED WHEN WORKING OUTSIDE OF THE ROADWAY AS TO DELINEATE THE WORK AREA.
- CROSSWALKS, STOP BARS AND OTHER AFFECTED TRAFFIC MARKINGS SHALL BE REPLACED BY THE CONTRACTOR AS NEEDED AT THE CONTRACTOR'S EXPENSE.
- A STORM WATER POLLUTION PREVENTION PLAN (SW3P) IS NOT REQUIRED, DUE TO CONTRACTOR NEVER DISTURBING AREAS GREATER THAN AN 1-ACRE. THE CONTRACTOR WILL BE REQUIRED TO FOLLOW STORM WATER POLLUTION CONTROL AS PER SPECIFICATION 1570 AND PLANS.

TRAFFIC CONTROL NOTES (CONT'D):

- ACCESS TO MAIL BOXES SHALL BE PROVIDED AT ALL TIMES. ANY MAIL BOXES DAMAGED DURING CONSTRUCTION SHALL BE REPLACED AND SHALL BE AS PER TXDOT STANDARDS.

PAVING CONSTRUCTION NOTES:

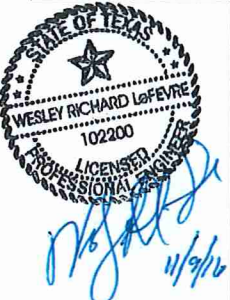
- HOT MIX ASPHALT CONCRETE TO BE IN ACCORDANCE WITH TXDOT SPECIFICATION TYPE "D" ITEM 340.
- SUBGRADE EXCAVATION, MIXING OF LIME, AND RECOMPACTION TO BE INCLUDED IN PRICE BID PER SQUARE YARD FOR "LIME TREATED SUBGRADE."
- CONTRACTOR TO FILL BEHIND CURBS AND WALKS AND SHAPE TO INSURE PROPER DRAINAGE.
- CONSTRUCTION JOINTS TO EXISTING PAVEMENT SHALL BE MADE BY EITHER CUTTING BACK EXISTING TO PRODUCE A SLIGHTLY BEVELED EDGE FOR THE FULL THICKNESS OF THE WEARING COURSE OR A SUITABLE LAP JOINT SHALL BE MADE. SAW CUTTING REQUIRED.
- NO TRAFFIC SHALL BE ALLOWED ON THE FINISHED WEARING SURFACE UNTIL AT LEAST 12 HOURS AFTER COMPLETION OF ROLLING.
- HOT MIX ASPHALT CONCRETE TRANSPORT TRUCKS TO BE EQUIPPED WITH CANVAS COVERS TO BE UTILIZED DURING MATERIAL HAULING. MATERIAL DELIVERED TO SITE AT IMPORPER TEMPERATURE SHALL BE REJECTED. HOT MIX SHALL BE LAID AT A MINIMUM TEMPERATURE OF 225°F.
- WHEN TYING INTO EXISTING CURB, EXPOSE REBAR AND FORM EXPANSION JOINT PER DETAIL SHEET.
- ANY SETTLEMENT UNDER PAVEMENT DUE TO INADEQUATE COMPACTION OF UTILITY LINE BACK FILL SHALL BE CAUSE FOR RECOMPACTION OF TRENCH AND REPLACEMENT OF PAVEMENT SECTION.
- EXISTING MANHOLES LOCATED ON ROADWAYS SHALL BE ADJUSTED TO THE PROPOSED GRADE. NO SEPARATE PAY.
- DEMOLITION, REMOVAL, & DISPOSAL OF ALL EXCESS CONCRETE, CURBS, REBAR, ETC. TO BE DONE IN A LEGAL MANNER AT CONTRACTOR'S EXPENSE.
- ALL MANHOLES AND/OR OTHER STRUCTURES TO BE ADJUSTED BY THE CONTRACTOR TO MEET FINL GRADES, A MAXIMUM OF 18 INCHES OF THROAT RINGS WILL BE ALLOWED. (NO SEPARATE PAY)
- UPON COMPLETION OF CONSTRUCTION, CONTRACTOR SHALL RETURN THE SITE TO ORIGINAL CONTOURS UNLESS DIFFERENT FINISHED ELEVATIONS ARE SHOWN ON PLANS. CONTRACTOR TO ASSURE NO AREAS OF PONDING ARE PRESENT.

LEGEND

- ⊙ - UNDERGROUND CABLE MARKER
- ⊠ - WATER METER
- - COMMUNICATION BOX
- ⊕ - TRAFFIC LIGHT
- ⊞ - GRATE INLET
- - MANHOLE
- ⊖ - POLE CABLE
- ⊗ - POWER POLE
- ⊘ - GUY WIRE
- ⊙ - TEL. PEDESTAL
- ⊚ - SIGN
- ⊛ - WATER VALVE
- ⊜ - FIRE HYDRANT
- ⊝ - MAIL BOX
- - IRR. STAND PIPE
- x — - FENCE
- OH — - POWER LINE
- □ — - GUARD RAIL

APPROV.	REVISION	DATE	NO.
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HIDALGO COUNTY PRECINCT 1
MILE 11 N. ROAD
FEMA RD & DRAINAGE IMPROVEMENTS
GENERAL CONSTRUCTION NOTES

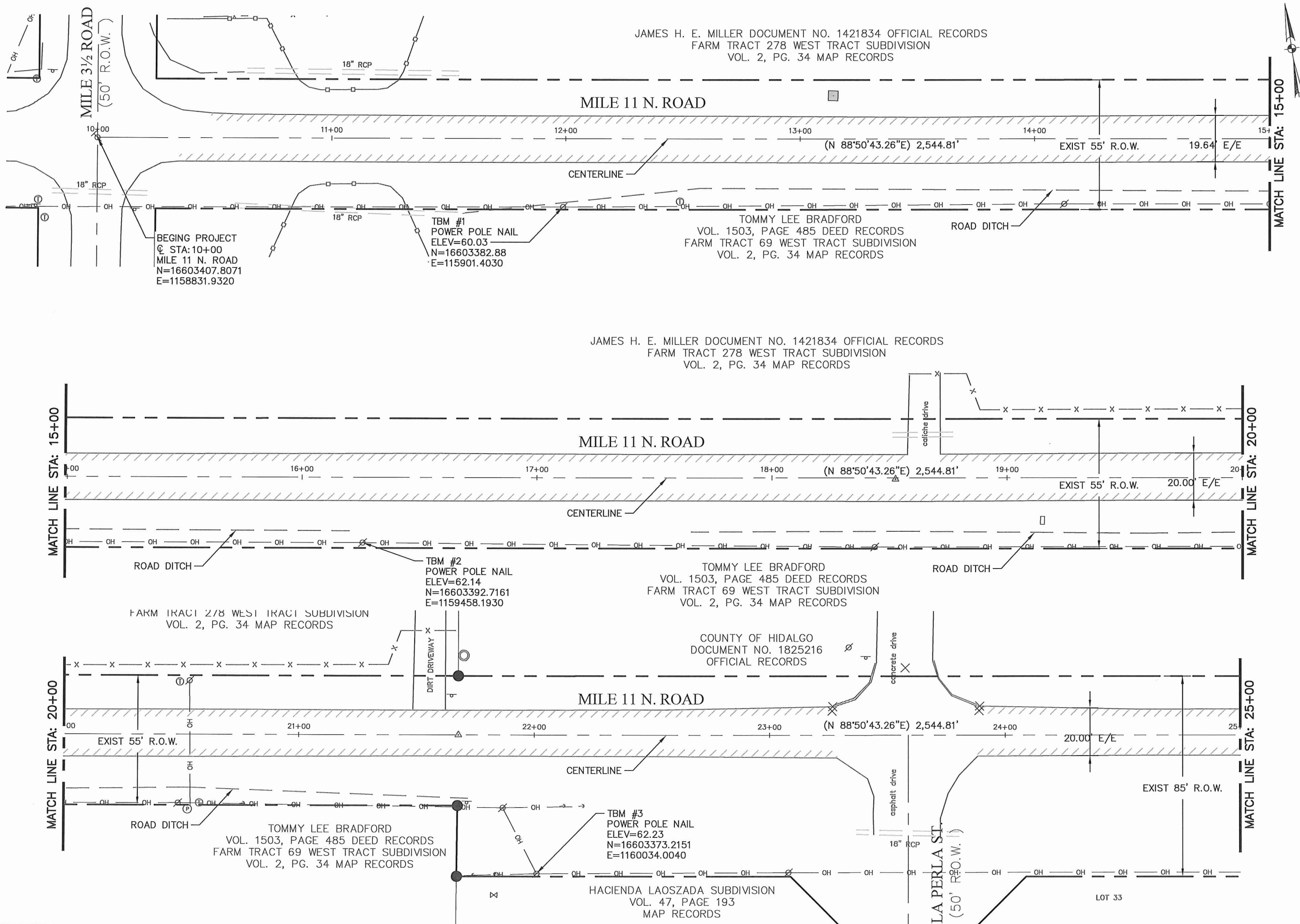


Civil Engineering
Environmental Engineering
Planning
Project Management
Texas Registered Engineering Firm E-11722



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Date	NOVEMBER, 2016
Job No.	P-203-02
Sheet	2 of 12

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HIDALGO COUNTY PRECINCT 1
MILE 11 N. ROAD
 FEMA RD & DRAINAGE IMPROVEMENTS

SURVEY CONTROL PLAN
SHEET 1 OF 3



Civil Engineering
 Environmental Engineering
 Planning
 Project Management

612 N. Main, Suite 520
 Houston, TX 77002
 Tel. 956.687.1540
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Texas Registered Engineering Firm E-11722

LEFEVRE
ENGINEERING &
MANAGEMENT CONSULTING, LLC.

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 Checked H.M.
 Date NOVEMBER, 2016
 Job No. P-203-02
 Sheet 3 of 12

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DOCUMENT NO. 1825216
OFFICIAL RECORDS

MIRASOLES SUBDIVISION
VOL. 49, PAGE 75
MAP RECORDS

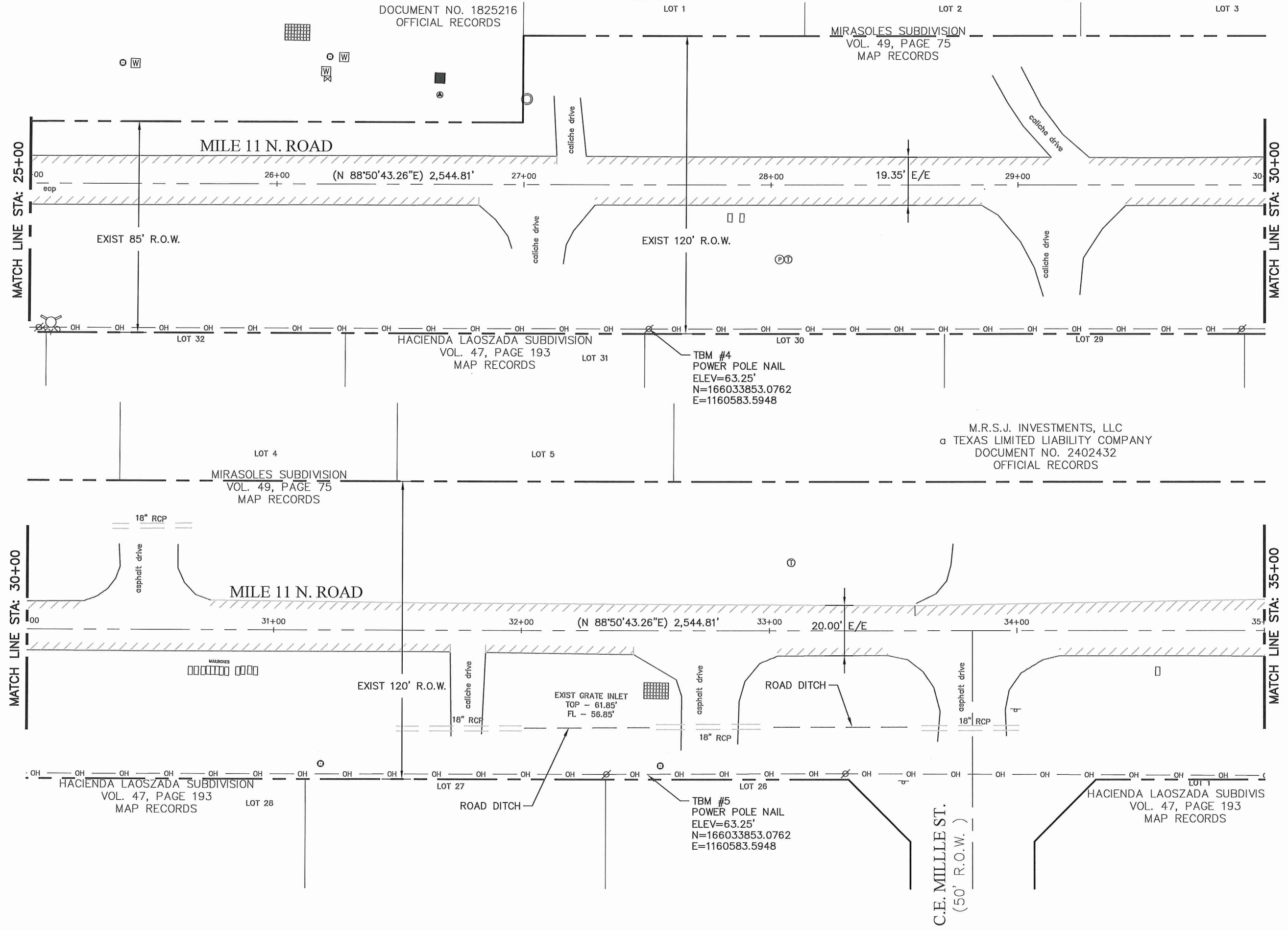
HACIENDA LAOSZADA SUBDIVISION
VOL. 47, PAGE 193
MAP RECORDS

MIRASOLES SUBDIVISION
VOL. 49, PAGE 75
MAP RECORDS

HACIENDA LAOSZADA SUBDIVISION
VOL. 47, PAGE 193
MAP RECORDS

HACIENDA LAOSZADA SUBDIVIS
VOL. 47, PAGE 193
MAP RECORDS

C.E. MILLE ST.
(50' R.O.W.)



TBM #4
POWER POLE NAIL
ELEV=63.25'
N=166033853.0762
E=1160583.5948

TBM #5
POWER POLE NAIL
ELEV=63.25'
N=166033853.0762
E=1160583.5948

M.R.S.J. INVESTMENTS, LLC
a TEXAS LIMITED LIABILITY COMPANY
DOCUMENT NO. 2402432
OFFICIAL RECORDS

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HIDALGO COUNTY PRECINCT 1
MILE 11 N. ROAD
FEMA RD & DRAINAGE IMPROVEMENTS

SURVEY CONTROL PLAN
SHEET 2 OF 3



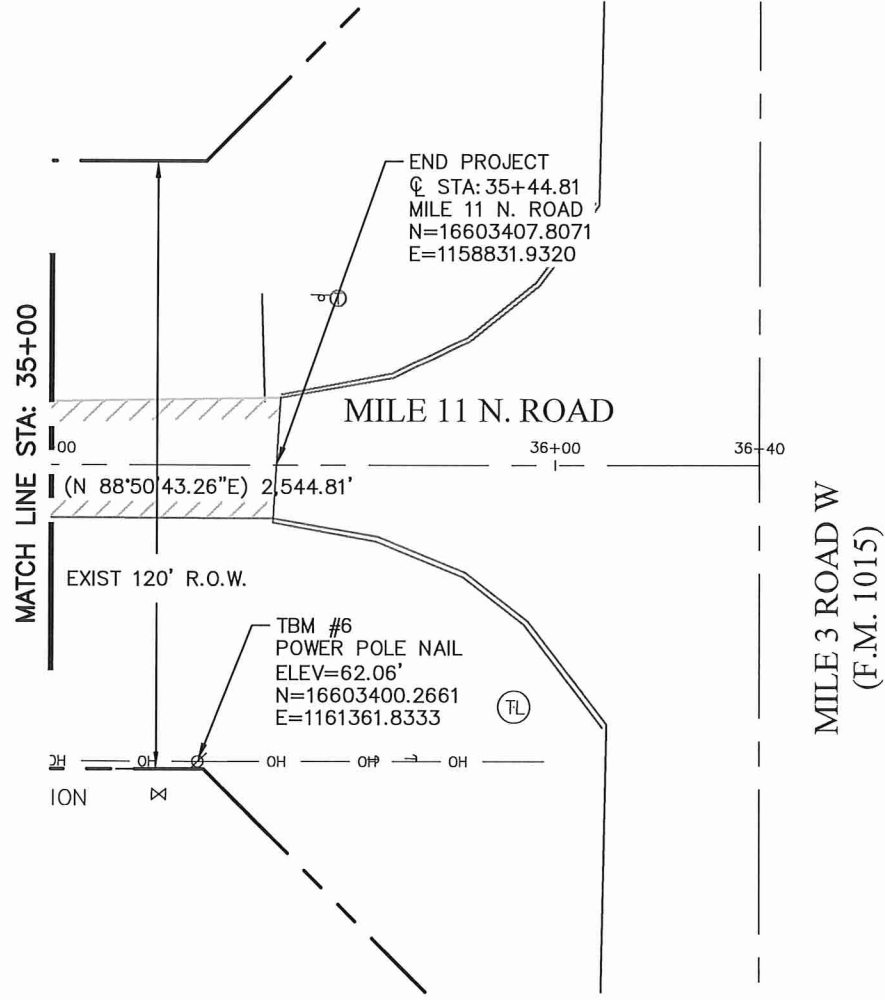
512 Wilshire, Suite 504
P.O. Box 79604
Dallas, Texas 75276
Tel. 956.687.1500
Tel. 956.687.1501
Fax. 956.687.5383

Civil Engineering
Environmental Engineering
Planning
Project Management

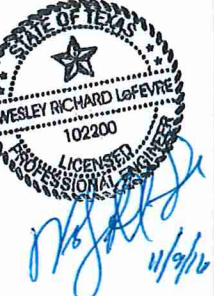
Texas Registered Engineering Firm F-11722

LEFEVRE
ENGINEERING &
MANAGEMENT CONSULTING, L.L.C.

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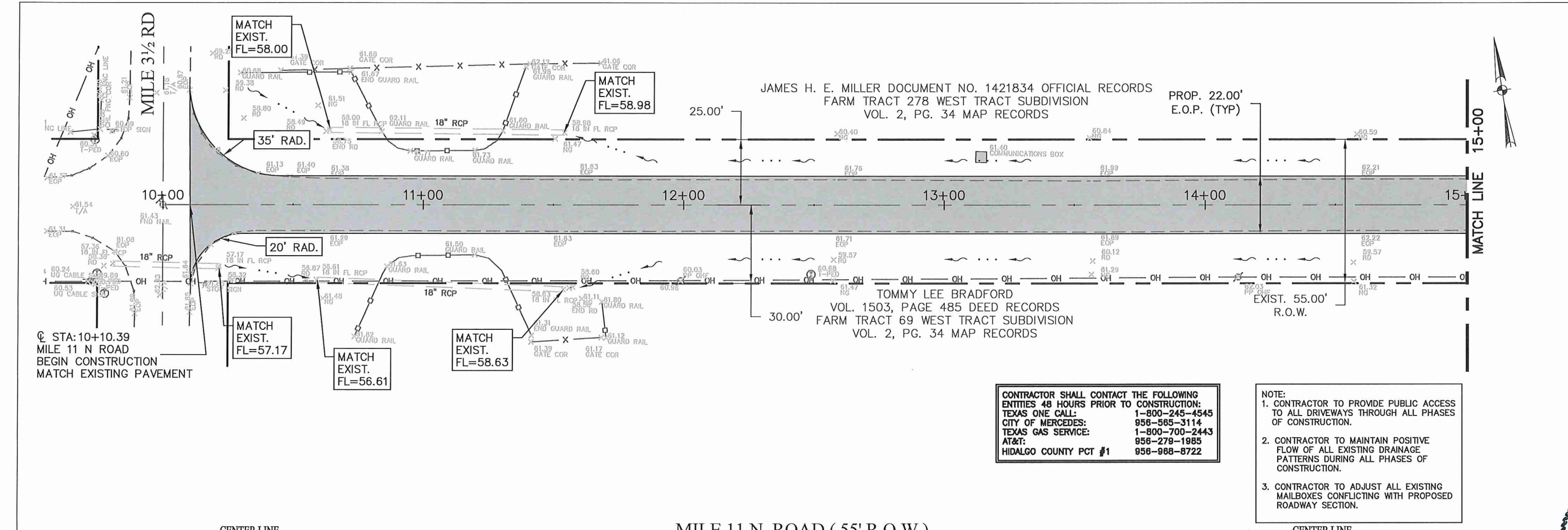
Civil Engineering
 Environmental Engineering
 Planning
 Project Management

1125 Malena, Suite 504
 8125 Malena, Suite 504
 Tel. 956.687.5383
 Fax. 956.687.5383

Texas Registered Engineering Firm F-11722



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 Date NOVEMBER, 2016
 Job No. P-203-02
 Sheet 5 of 12



JAMES H. E. MILLER DOCUMENT NO. 1421834 OFFICIAL RECORDS
 FARM TRACT 278 WEST TRACT SUBDIVISION
 VOL. 2, PG. 34 MAP RECORDS

PROP. 22.00'
 E.O.P. (TYP)

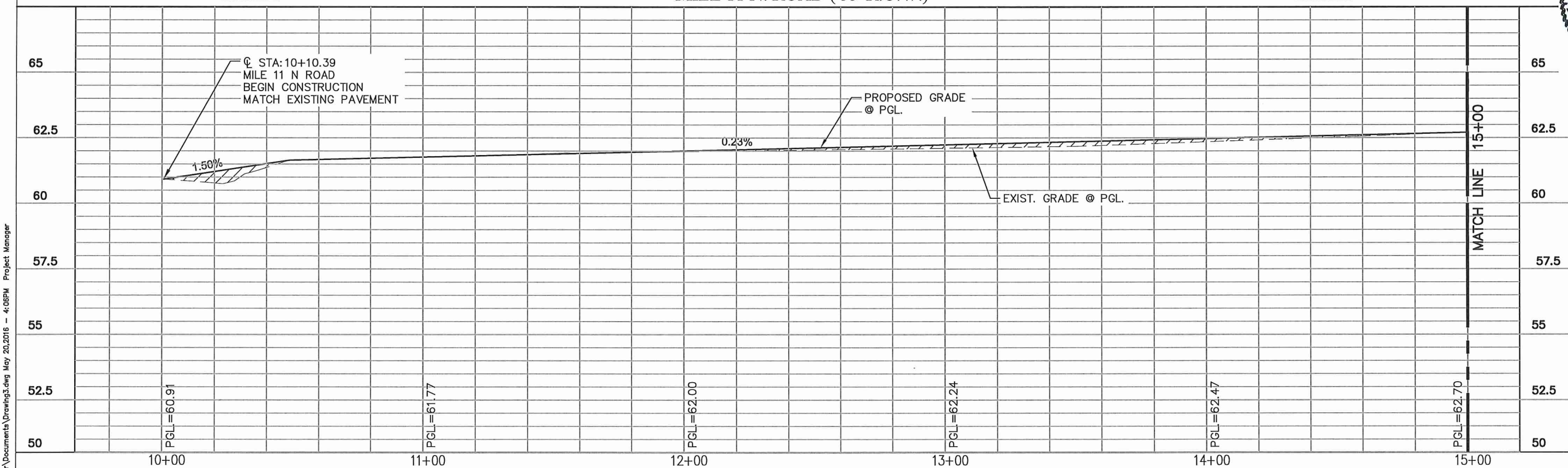
TOMMY LEE BRADFORD
 VOL. 1503, PAGE 485 DEED RECORDS
 FARM TRACT 69 WEST TRACT SUBDIVISION
 VOL. 2, PG. 34 MAP RECORDS

CONTRACTOR SHALL CONTACT THE FOLLOWING ENTITIES 48 HOURS PRIOR TO CONSTRUCTION:

TEXAS ONE CALL:	1-800-245-4545
CITY OF MERCEDES:	956-565-3114
TEXAS GAS SERVICE:	1-800-700-2443
AT&T:	956-279-1885
HIDALGO COUNTY PCT #1:	956-968-8722

NOTE:

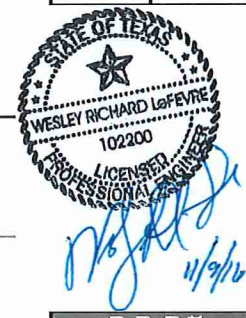
- CONTRACTOR TO PROVIDE PUBLIC ACCESS TO ALL DRIVEWAYS THROUGH ALL PHASES OF CONSTRUCTION.
- CONTRACTOR TO MAINTAIN POSITIVE FLOW OF ALL EXISTING DRAINAGE PATTERNS DURING ALL PHASES OF CONSTRUCTION.
- CONTRACTOR TO ADJUST ALL EXISTING MAILBOXES CONFLICTING WITH PROPOSED ROADWAY SECTION.



NO.	DATE	REVISION	APPROV.
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HIDALGO COUNTY PRECINCT 1
MILE 11 N. ROAD
 FEMA RD & DRAINAGE IMPROVEMENTS

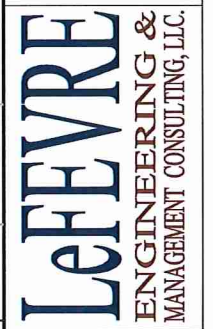
PLAN AND PROFILE SHEET
 STA. 10+00 TO 15+00



Civil Engineering
 Environmental Engineering
 Planning
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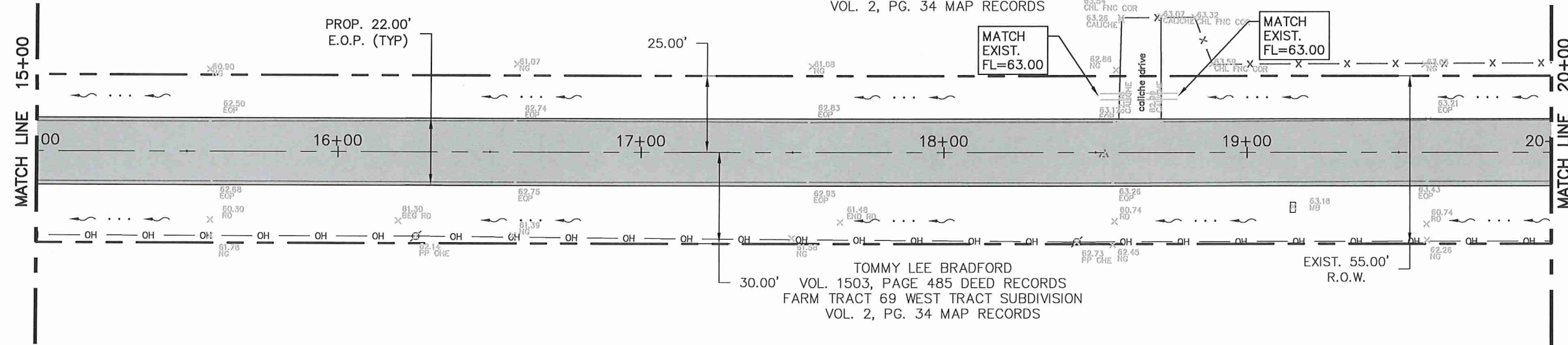
612 Nolana, Suite 620
 Merced, CA 95354
 Tel: 956-897-5833
 Fax: 956-897-5883

Texas Registered Engineering Firm E-11722



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 Vert. 1:4
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 Date NOVEMBER, 2016
 Job No. P-203-02
 Sheet 6 of 12

JAMES H. E. MILLER DOCUMENT NO. 1421834 OFFICIAL RECORDS
 FARM TRACT 278 WEST TRACT SUBDIVISION
 VOL. 2, PG. 34 MAP RECORDS



TOMMY LEE BRADFORD
 30.00' VOL. 1503, PAGE 485 DEED RECORDS
 FARM TRACT 69 WEST TRACT SUBDIVISION
 VOL. 2, PG. 34 MAP RECORDS

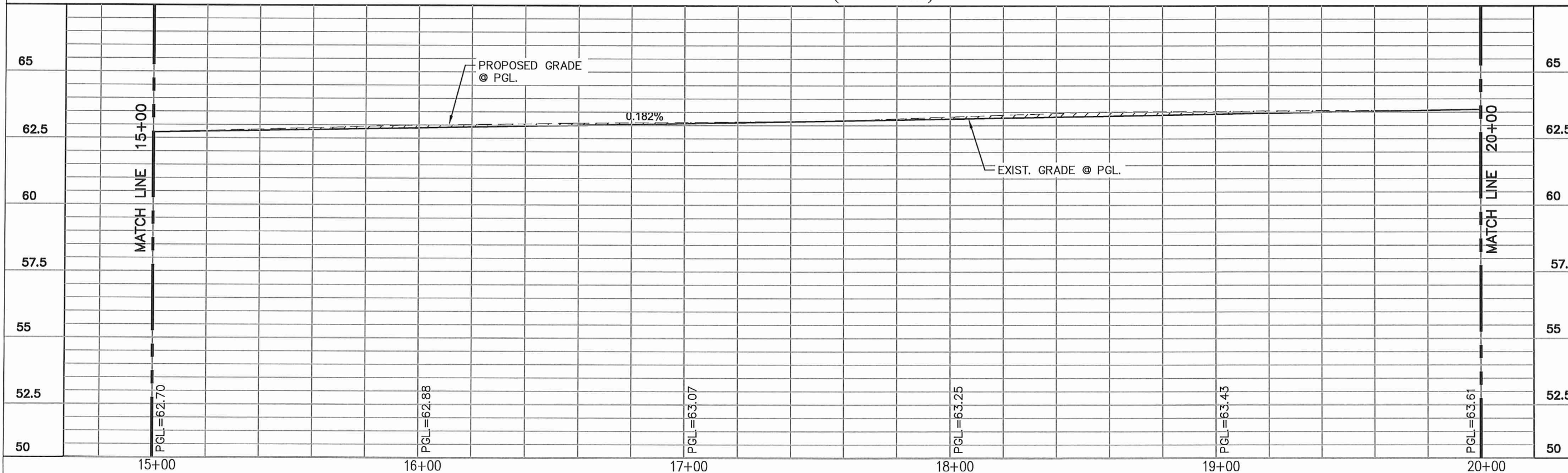
CONTRACTOR SHALL CONTACT THE FOLLOWING ENTITIES 48 HOURS PRIOR TO CONSTRUCTION:
 TEXAS ONE CALL: 1-800-245-4545
 CITY OF MERCEDES: 956-585-3114
 TEXAS GAS SERVICE: 1-800-700-2443
 AT&T: 956-278-1985
 HIDALGO COUNTY PCT #1: 956-988-8722

- NOTE:
- CONTRACTOR TO PROVIDE PUBLIC ACCESS TO ALL DRIVEWAYS THROUGH ALL PHASES OF CONSTRUCTION.
 - CONTRACTOR TO MAINTAIN POSITIVE FLOW OF ALL EXISTING DRAINAGE PATTERNS DURING ALL PHASES OF CONSTRUCTION.
 - CONTRACTOR TO ADJUST ALL EXISTING MAILBOXES CONFLICTING WITH PROPOSED ROADWAY SECTION.

CENTER LINE

MILE 11 N. ROAD (55' R.O.W.)

CENTER LINE



Civil Engineering
 Environmental Engineering
 Planning
 Project Management
 Texas Registered Engineering Firm F-1722

LEFEVRE
 ENGINEERING &
 MANAGEMENT CONSULTING, L.L.C.

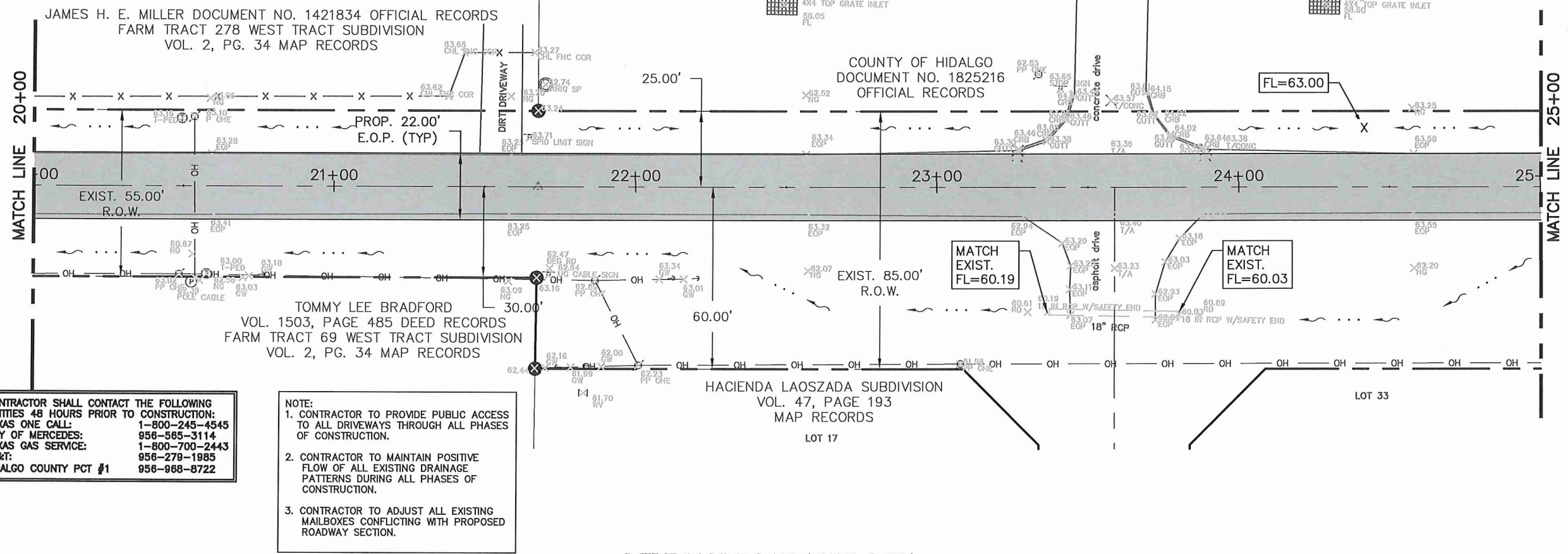
Drawn L.H.
 Scale Horz. 1:40
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 Sheet 7 of 12

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HIDALGO COUNTY PRECINCT 1
 MILE 11 N. ROAD
 FEMA RD & DRAINAGE IMPROVEMENTS

PLAN AND PROFILE SHEET
 STA. 15+00 TO 20+00

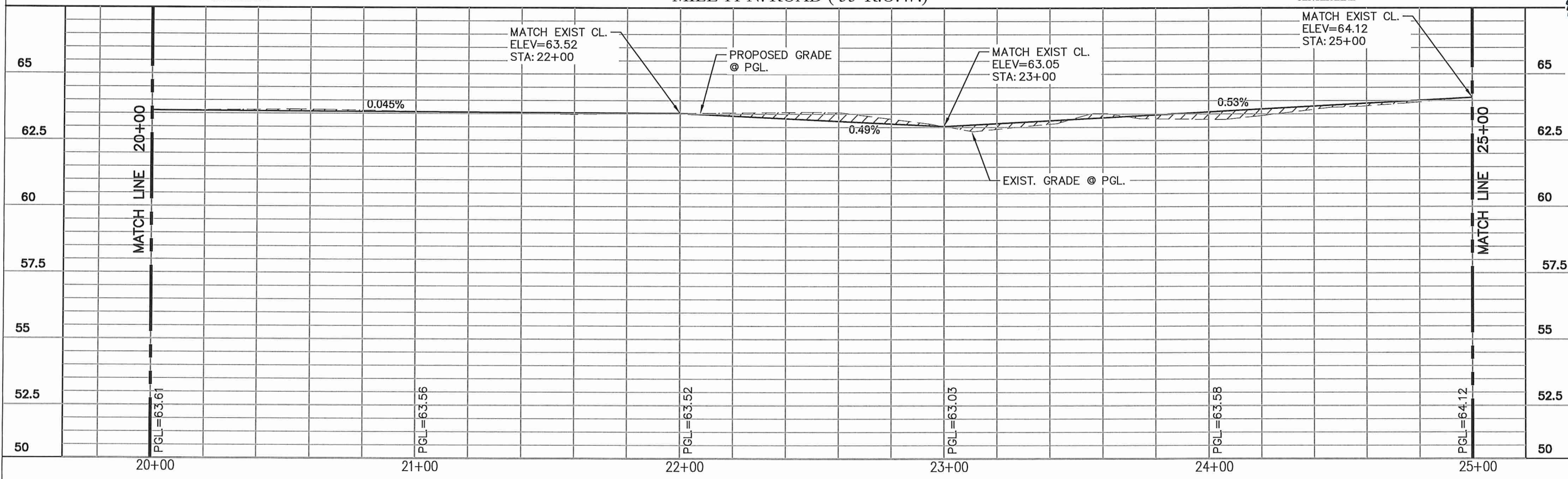
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CONTRACTOR SHALL CONTACT THE FOLLOWING ENTITIES 48 HOURS PRIOR TO CONSTRUCTION:
 TEXAS ONE CALL: 1-800-245-4545
 CITY OF MERCEDES: 956-565-3114
 TEXAS GAS SERVICE: 1-800-700-2443
 AT&T: 956-278-1885
 HIDALGO COUNTY PCT #1 956-968-8722

NOTE:
 1. CONTRACTOR TO PROVIDE PUBLIC ACCESS TO ALL DRIVEWAYS THROUGH ALL PHASES OF CONSTRUCTION.
 2. CONTRACTOR TO MAINTAIN POSITIVE FLOW OF ALL EXISTING DRAINAGE PATTERNS DURING ALL PHASES OF CONSTRUCTION.
 3. CONTRACTOR TO ADJUST ALL EXISTING MAILBOXES CONFLICTING WITH PROPOSED ROADWAY SECTION.

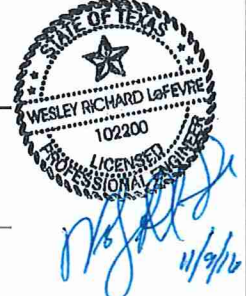
MILE 11 N. ROAD (55' R.O.W.)



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HIDALGO COUNTY PRECINCT 1
 MILE 11 N. ROAD
 FEMA RD & DRAINAGE IMPROVEMENTS

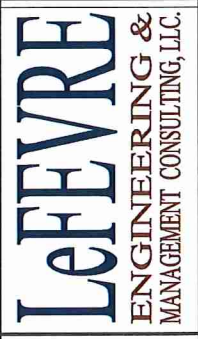
PLAN AND PROFILE SHEET
 STA. 20+00 TO 25+00



Civil Engineering
 Environmental Engineering
 Planning
 Project Management

1500 N. Main, Suite 200
 P.O. Box 78304
 Merced, TX 75345
 Tel. 956.687.5833
 Fax. 956.687.5883

Texas Registered Engineering Firm F-11722



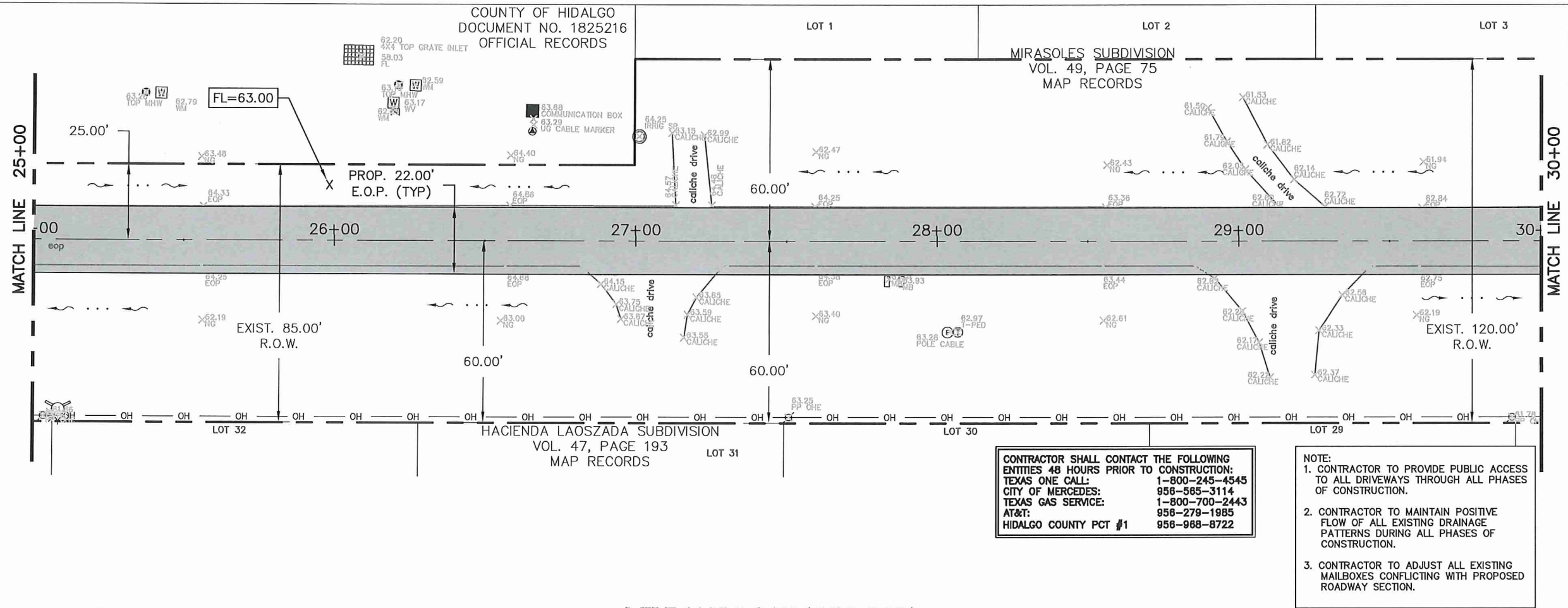
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 Date NOVEMBER, 2016
 Job No. P-203-02
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COUNTY OF HIDALGO
DOCUMENT NO. 1825216
OFFICIAL RECORDS

MIRASOLES SUBDIVISION
VOL. 49, PAGE 75
MAP RECORDS

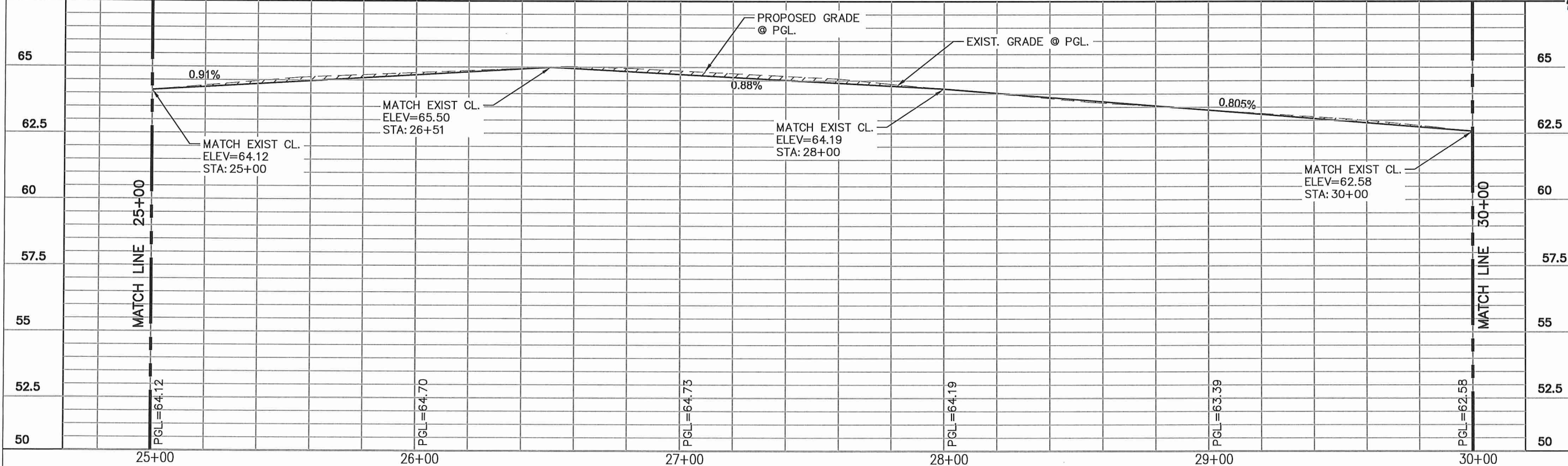
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VOL. 47, PAGE 193
MAP RECORDS



CONTRACTOR SHALL CONTACT THE FOLLOWING ENTITIES 48 HOURS PRIOR TO CONSTRUCTION:
 TEXAS ONE CALL: 1-800-245-4545
 CITY OF MERCEDES: 956-585-3114
 TEXAS GAS SERVICE: 1-800-700-2443
 AT&T: 956-278-1985
 HIDALGO COUNTY PCT #1: 956-988-8722

NOTE:
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 3. CONTRACTOR TO ADJUST ALL EXISTING MAILBOXES CONFLICTING WITH PROPOSED ROADWAY SECTION.

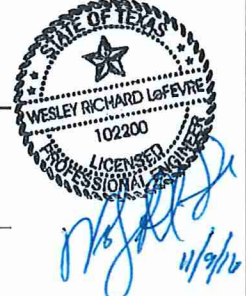
CENTER LINE MILE 11 N. ROAD (55' R.O.W.) CENTER LINE



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HIDALGO COUNTY PRECINCT 1
 MILE 11 N. ROAD
 FEMA RD & DRAINAGE IMPROVEMENTS

PLAN AND PROFILE SHEET
 STA. 25+00 TO 30+00



Civil Engineering
 Environmental Engineering
 Planning
 Project Management

11/9/16

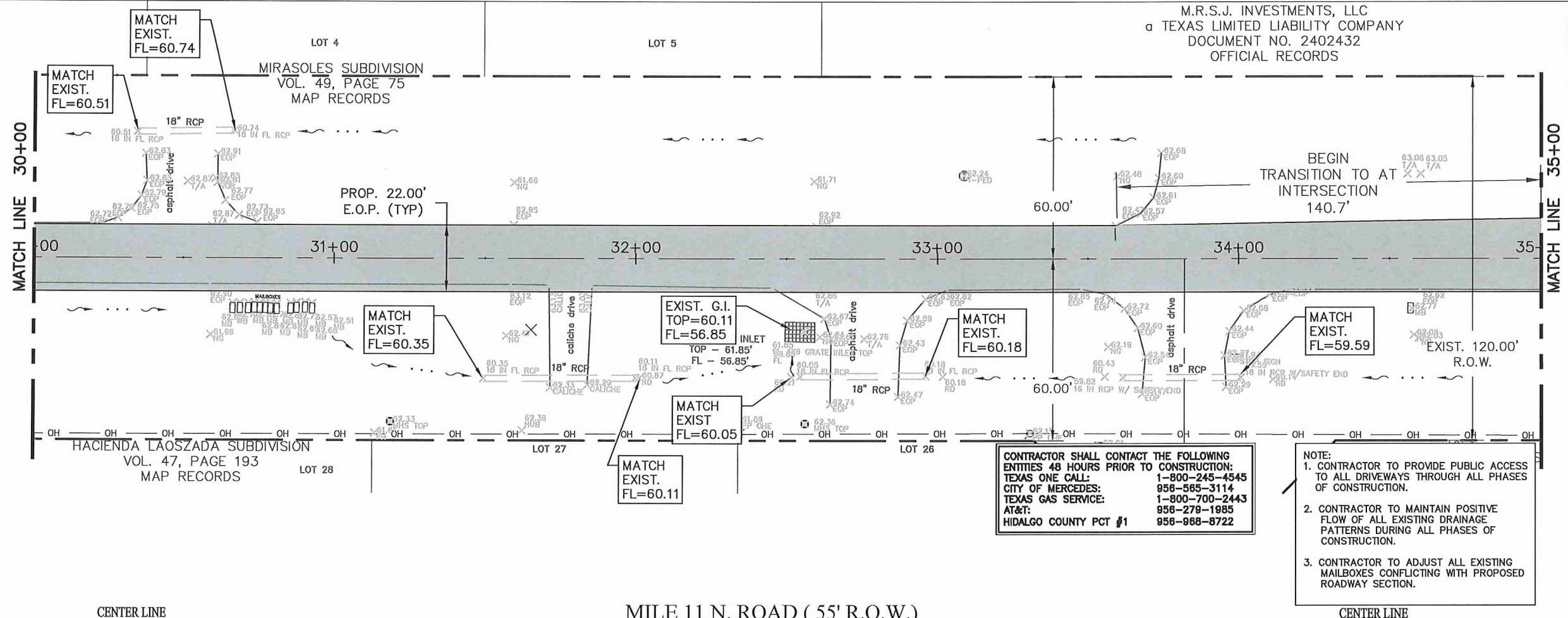
LEFEVRE
 ENGINEERING &
 MANAGEMENT CONSULTING, L.L.C.

512 Main Street, Suite 500
 McAllen, Texas 78504
 Tel. 956.687.5834
 Fax. 956.687.5833

Texas Registered Engineering Firm F-11722

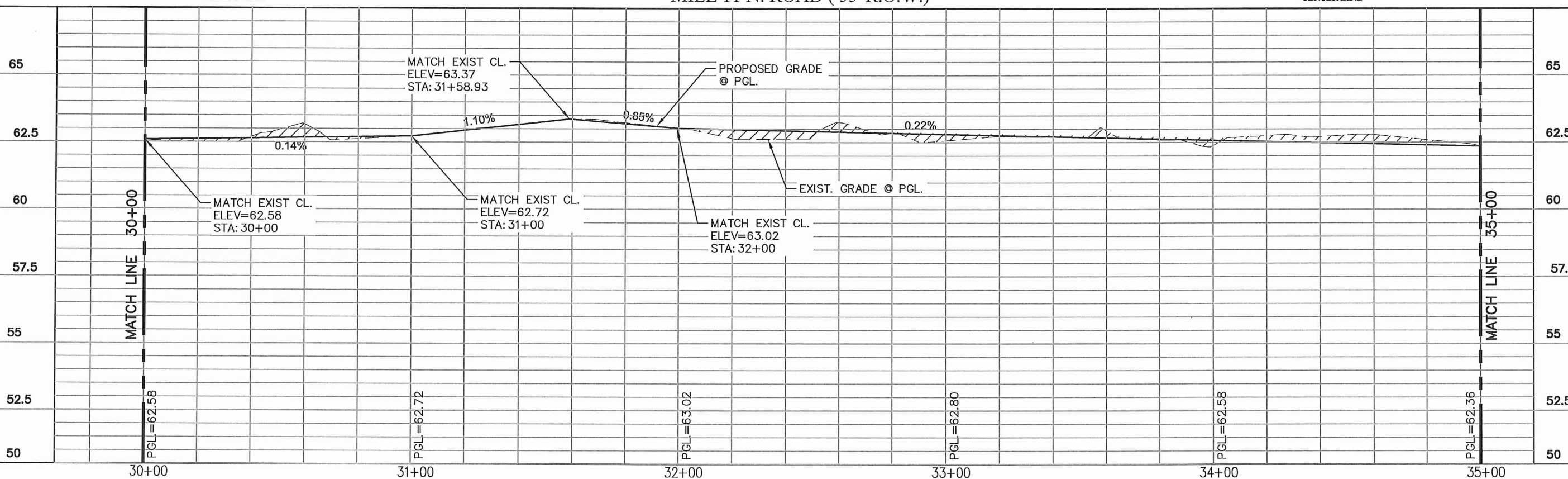
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 Date NOVEMBER, 2016
 Job No. P-203-02
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M.R.S.J. INVESTMENTS, LLC
 a TEXAS LIMITED LIABILITY COMPANY
 DOCUMENT NO. 2402432
 OFFICIAL RECORDS



CONTRACTOR SHALL CONTACT THE FOLLOWING ENTITIES 48 HOURS PRIOR TO CONSTRUCTION:
 TEXAS ONE CALL: 1-800-245-4545
 CITY OF MERCEDES: 956-565-3114
 TEXAS GAS SERVICE: 1-800-700-2443
 AT&T: 956-278-1885
 HIDALGO COUNTY PCT #1: 956-988-8722

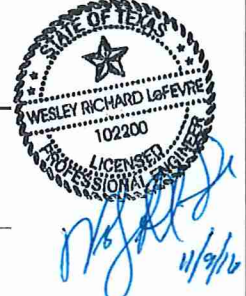
NOTE:
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 2. CONTRACTOR TO MAINTAIN POSITIVE FLOW OF ALL EXISTING DRAINAGE PATTERNS DURING ALL PHASES OF CONSTRUCTION.
 3. CONTRACTOR TO ADJUST ALL EXISTING MAILBOXES CONFLICTING WITH PROPOSED ROADWAY SECTION.



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HIDALGO COUNTY PRECINCT 1
 MILE 11 N. ROAD
 FEMA RD & DRAINAGE IMPROVEMENTS

PLAN AND PROFILE SHEET
 STA. 30+00 TO 35+00



Civil Engineering
 Environmental Engineering
 Planning
 Project Management

102200
 WESLEY RICHARD LEFEVRE
 LICENSED PROFESSIONAL ENGINEER
 STATE OF TEXAS

LEFEVRE
 ENGINEERING &
 MANAGEMENT CONSULTING, LLC.

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 Date NOVEMBER, 2016
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EXIST. 120.00' R.O.W.

MATCH LINE 35+00

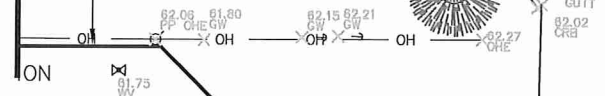
END TRANSITION TO MATCH AT INTERSECTION 45.5'

PROP. 24.66' E.O.P. (TYP)

MILE 3 ROAD (F.M. 1015)

36+00 36+40

☉ STA: 35+44.81
MILE 11 N ROAD
END CONSTRUCTION
MATCH EXISTING PAVEMENT



CONTRACTOR SHALL CONTACT THE FOLLOWING ENTITIES 48 HOURS PRIOR TO CONSTRUCTION:
 TEXAS ONE CALL: 1-800-245-4345
 CITY OF MERCEDES: 956-565-3114
 TEXAS GAS SERVICE: 1-800-700-2443
 AT&T: 956-279-1985
 HIDALGO COUNTY PCT #1: 956-988-8722

NOTE:
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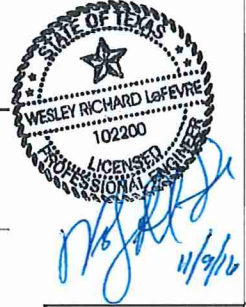
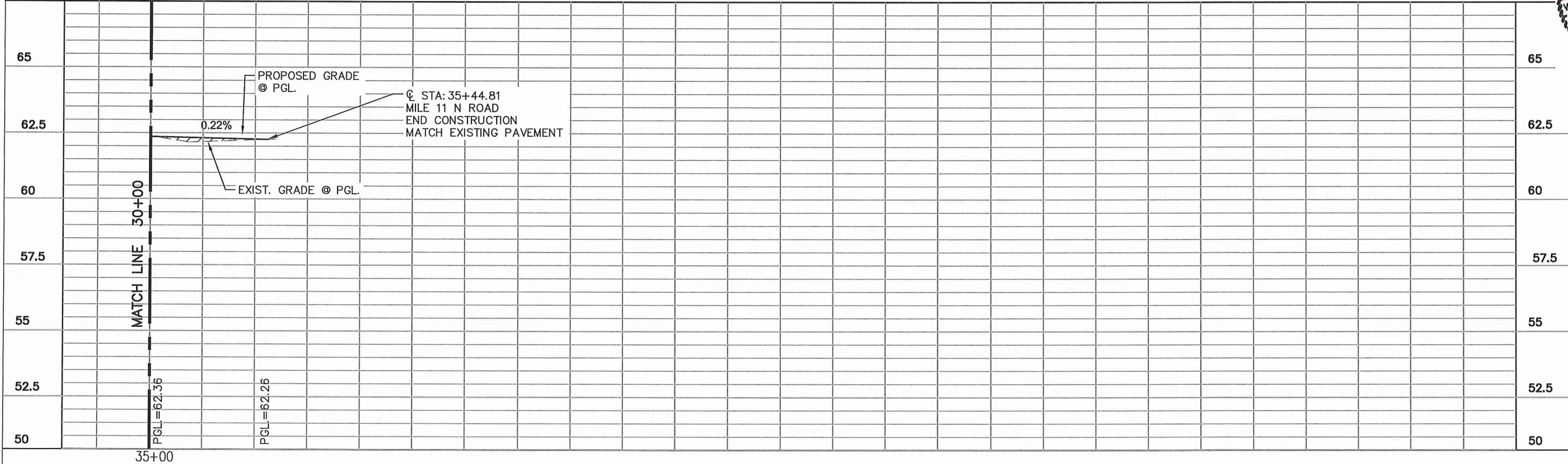
HIDALGO COUNTY PRECINCT 1
 MILE 11 N. ROAD
 FEMA RD & DRAINAGE IMPROVEMENTS

PLAN AND PROFILE SHEET
 STA. 30+00 TO 35+00

CENTER LINE

MILE 11 N. ROAD (55' R.O.W.)

CENTER LINE



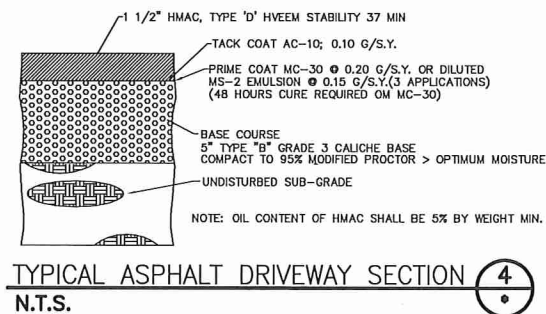
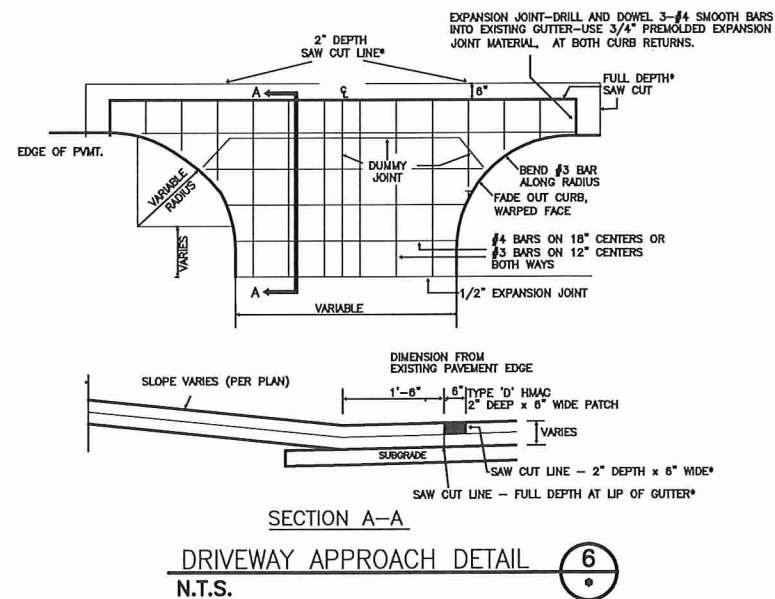
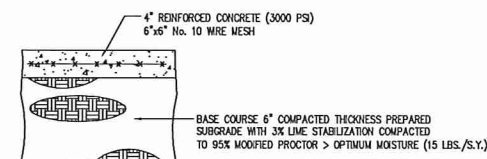
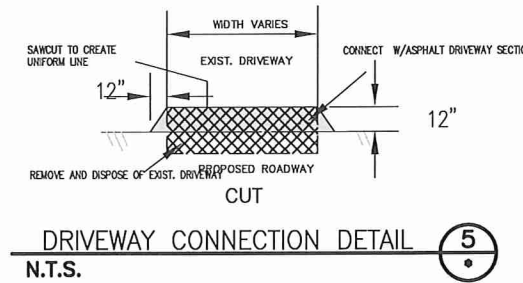
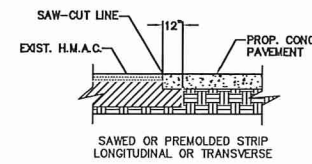
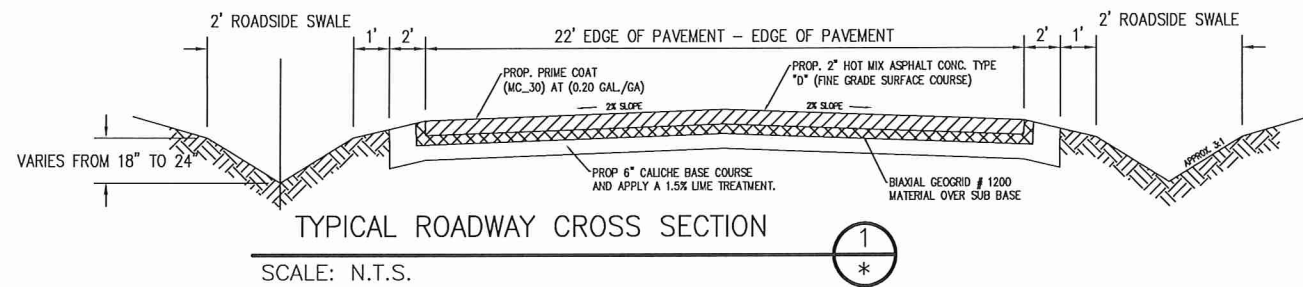
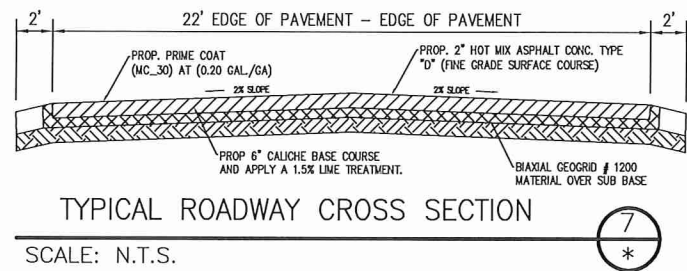
Civil Engineering
 Environmental Engineering
 Planning
 Project Management

612 N. Main, Suite 502
 McAllen, Texas 78504
 Tel. 956.687.1543
 Fax. 956.687.5363

Texas Registered Engineering Firm F-11722

LeFEVRE
 ENGINEERING &
 MANAGEMENT CONSULTING, LLC.

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 Vert. 1:4
 Checked H.M.
 Date NOVEMBER, 2016
 Job No. P-203-02
 Sheet 11 of 12



NOTES:

ALL ENTRANCES CONSTRUCTED ON THIS PROJECT ARE SUBJECT TO CONCURRENCE WITH EXISTING GOVERNING REGULATIONS AS SET OUT BY THE STATE HIGHWAY COMMISSION.

ENTRANCE'S BASE AND SURFACING MAY BE EXTENDED BEYOND R.O.W. LINE AS REQUIRED TO MEET EXISTING GRADE IN THE SATISFACTORY MANNER OF WHICH NO STEEPER THAN 12:1 SLOPE WILL BE CONSTRUCTED.

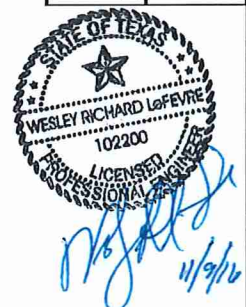
ALL FLEXIBLE BASE USED FOR PRIVATE DRIVES & COMMERCIAL DRIVES WILL NOT REQUIRE LIME TREATMENT.

EXACT LOCATIONS, DIMENSIONS, AND TYPE TO BE ESTABLISHED DURING CONSTRUCTION BY THE ENGINEER.

SIDE DRAINS TO BE INSTALLED WITH A MINIMUM OF 6" COVER BY PROPOSED RESIDENTIAL & COMMERCIAL MATERIAL OR 15" COVER OF PROPOSED COUNTY RD. & CITY STREET ROADWAY MATERIAL.

NO.	DATE	REVISION	APPROV.
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HIDALGO COUNTY PRECINCT 1
MILE 11 N. ROAD
FEMA RD & DRAINAGE IMPROVEMENTS
DETAILS SHEET



Civil Engineering
Environmental Engineering
Planning
Project Management
Texas Registered Engineering Firm F-11722

1420 Main Street, Suite 502
P.O. Box 17604
Dallas, Texas 75217
Tel. 956.687.1500
Tel. 956.687.1504
Fax. 956.687.5983

LEFEVRE
ENGINEERING &
MANAGEMENT CONSULTING, LLC.

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Date	NOVEMBER, 2016
Job No.	P-203-02
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HIDALGO COUNTY PRECINCT NO. 1

FEMA ROAD AND DRAINAGE IMPROVEMENTS WORK AUTHORIZATION No. 1

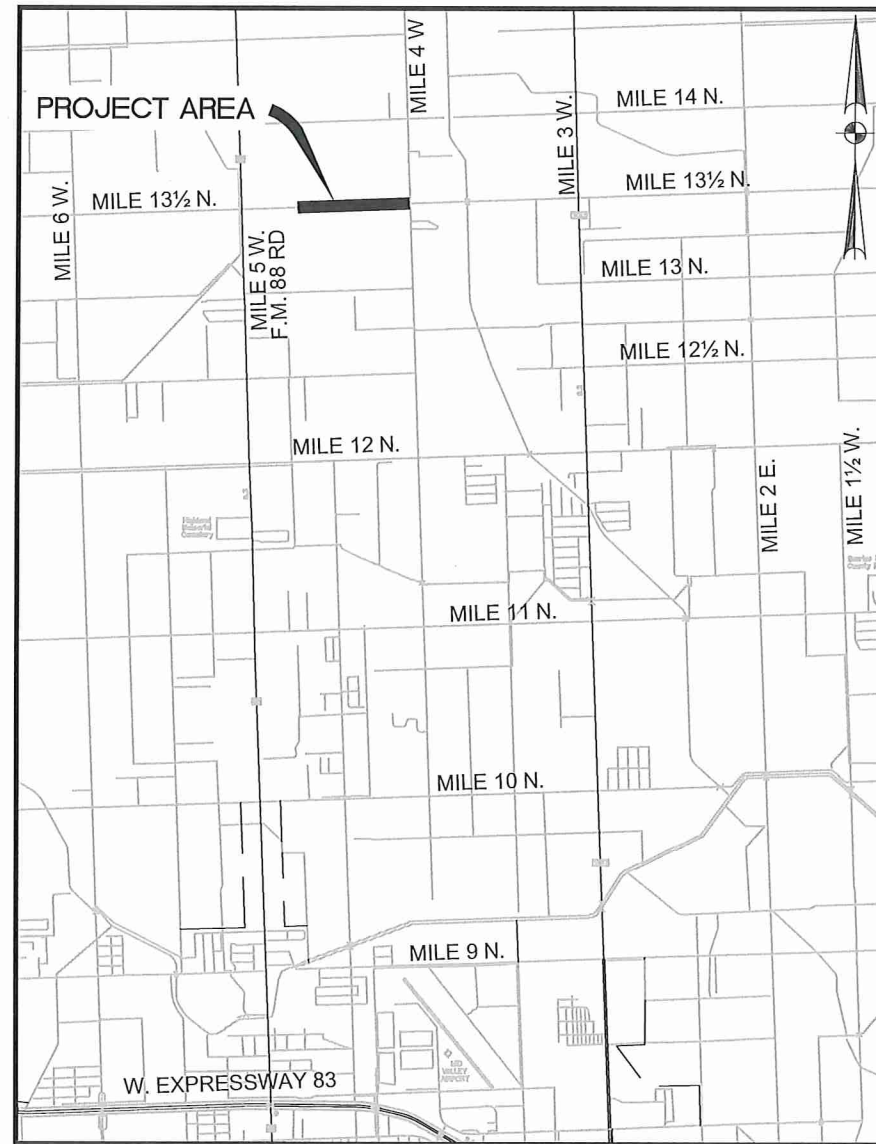
MILE 13 1/2 NORTH (BETWEEN MILE 4 WEST AND FM 88)

WESLACO, TEXAS



HIDALGO COUNTY OFFICIALS

RAMON GARCIA _____ COUNTY JUDGE
 A.C. CUELLAR, JR. _____ COMMISSIONER PCT. No. 1
 EDDIE CANTU _____ COMMISSIONER PCT. No. 2
 JOE M. FLORES _____ COMMISSIONER PCT. No. 3
 JOSEPH PALACIOS _____ COMMISSIONER PCT. No. 4



SCALE 1"=6000'

NOVEMBER 2016

INDEX OF SHEETS

Sheet No.	Description
1	COVER SHEET
2	GENERAL CONSTRUCTION NOTES
3-4	SURVEY CONTROL PLAN
5-10	PLAN AND PROFILE SHEETS
11	DETAILS SHEET



Wesley Richard Lefevre
 WESLEY RICHARD LEFEVRE, P.E.

11/9/16
 DATE

LeFEVRE
ENGINEERING &
MANAGEMENT CONSULTING, LLC.
 Texas Registered Engineering Firm F-11722

612 Nolana, Suite 520
 McAllen, Texas 78504
 Tel. 956.687.LEMC
 Fax. 956.687-5363

Drawn	LH	Date	NOVEMBER, 2016
Checked	HM	Job No.	P-203-01
Approved	WRL	Sheet	1 of 11

GENERAL

- CONTRACTOR SHALL CONTACT Lefevre Engineering & Management Consulting, LLC (LEMC) AT 956-687-5362, 72 HOURS PRIOR TO START OF ANY CONSTRUCTION WITHIN PROJECT SITE.
- CONTRACTOR TO NOTIFY ALL UTILITY COMPANIES WITHIN THE CONSTRUCTION AREA 72 HOURS PRIOR TO EXCAVATION NEAR THEIR UTILITIES.
- CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF EXISTING FACILITIES PRIOR TO CONSTRUCTION OF PROPOSED FACILITIES (NO SEPARATE PAY). ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF Lefevre Engineering Management Consulting, LLC, IN WRITING PRIOR TO COMMENCEMENT OF CONSTRUCTION. ANY DAMAGE TO EXISTING FACILITIES INCURRED AS A RESULT OF THIS CONSTRUCTION OPERATION WILL BE REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE.
- CONTRACTOR TO OBTAIN ALL CONSTRUCTION PERMITS NOT SUPPLIED BY OWNER AT HIS EXPENSE PRIOR TO COMMENCEMENT OF WORK. OWNER'S ENGINEER TO APPLY FOR AND PROVIDE TXDOT PERMIT TO WORK IN R.O.W. AND ANY RELATED CROSSING PERMITS.
- CONTRACTOR SHALL GIVE NOTICE TO ALL AUTHORIZED INSPECTORS, SUPERINTENDENTS, OR PERSONS IN CHARGE OF PRIVATE AND PUBLIC UTILITIES OR RAILROADS AFFECTED BY HIS OPERATIONS PRIOR TO COMMENCEMENT OF WORK. CONTRACTOR SHALL ASSURE HIMSELF THAT ALL CONSTRUCTION PERMITS HAVE BEEN OBTAINED PRIOR TO COMMENCEMENT OF WORK. REQUIRED PERMITS THAT CAN ONLY BE ISSUED TO CONTRACTOR WILL BE OBTAINED AT HIS EXPENSE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ADEQUATE DRAINAGE AT ALL TIMES DURING CONSTRUCTION OF PROPOSED FACILITIES. NATURAL GROUND ADJACENT TO UTILITY TRENCH EXCAVATION TO BE CLEARED AND GRUBBED PRIOR TO PLACEMENT OF EXCESS TRENCH MATERIAL (NO ADDITIONAL PAYMENT - INCLUDE IN COST OF UNDERGROUND UTILITIES CONSTRUCTION.)
- FILL TO BE PLACED IN MAXIMUM 6-INCH LIFTS AND COMPACTED TO A MINIMUM OF 95% STANDARD PROCTOR DENSITY PER ASTM D-698, UNLESS OTHERWISE NOTED.
- CONTRACTOR IS RESPONSIBLE FOR CLEANING MUD AND/OR DIRT TRACKED ONTO EXISTING STREETS BY HIS WORKMEN'S, SUPPLIER'S, OR SUBCONTRACTOR'S VEHICLES. STREETS MUST BE CLEANED WITHIN 2 HOURS OF WHEN THE TRACKING OCCURS. NO SEPARATE PAY.
- RETESTING OF ANY TESTING FAILURES WILL BE THE CONTRACTOR'S RESPONSIBILITY. NO SEPARATE PAY
- WHERE CONTRACTOR'S WORK AND/OR EQUIPMENT CAUSES AN OBSTRUCTION TO TRAFFIC, CONTRACTOR SHALL PROVIDE AND INSTALL TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH PART 3X OF THE "TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (TEXAS M.U.D.C.D., MOST RECENT EDITION AS REVISED) DURING CONSTRUCTION. A WRITTEN TRAFFIC CONTROL PLAN SHALL BE SUBMITTED PRIOR TO CONSTRUCTION FOR REVIEW BY THE ENGINEER & OTHER APPROPRIATE PERSONS.
- LOCATION OF EXISTING UNDERGROUND UTILITIES AND SERVICE LINES (WATER, SEWER, GAS, TELEPHONE, ELECTRICAL, ETC.) ARE DETERMINED FROM AVAILABLE RECORDS AND ARE APPROXIMATE. CONTRACTOR TO LOCATE LINES AND/OR OBSTRUCTIONS AHEAD OF EXCAVATION.
- ANY SOIL BORINGS THE CONTRACTOR REQUIRES ARE TO BE DONE BY THE CONTRACTOR AT HIS EXPENSE.
- OVERHEAD LINES MAY EXIST ON THE ALIGNMENTS. CLEARLY VISIBLE LINES ARE NOT MARKED, AND CONTRACTOR TO NOTE THEIR LOCATION PRIOR TO CONSTRUCTION. TEXAS LAW, SECTION 752, HEALTH & SAFETY CODE, FORBIDS ALL ACTIVITIES IN WHICH
- PERSONS OR OBJECTS MAY COME WITHIN SIX (6) FEET OF LIVE OVERHEAD HIGH VOLTAGE LINES. CONTRACTORS ARE LEGALLY RESPONSIBLE FOR SAFETY OF CONSTRUCTION WORKERS UNDER THIS LAW. THIS LAW CARRIES BOTH CRIMINAL AND CIVIL LIABILITY.
- CONTRACTOR TO MAKE ARRANGEMENTS WITH THE APPROPRIATE UTILITY COMPANY FOR SECURING POLES, IF NECESSARY, WHILE CONSTRUCTION PASSES BY POLES. COSTS OF SECURING POLES WILL BE PAID FOR BY THE CONTRACTOR, NO SEPARATE PAY.
- CONSTRUCTION STAKING (ALIGNMENT AND GRADE) TO BE PROVIDED BY THE CONTRACTOR AT NO SEPARATE PAY.
- SURPLUS EXCAVATED MATERIAL SHALL BE REMOVED AND DISPOSED OF OFF SITE AS DIRECTED BY THE ENGINEER. IF THE ENGINEER NOTIFIES THE CONTRACTOR THAT THE OWNER DOES NOT HAVE USE FOR THIS MATERIAL, THE SURPLUS MATERIAL BECOMES THE PROPERTY OF THE CONTRACTOR, AND IT IS HIS RESPONSIBILITY TO DISPOSE OF THE MATERIAL.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH APPLICABLE LOCAL REQUIREMENTS.
- CONTRACTOR SHALL PROTECT EXISTING UNDERGROUND FACILITIES DURING INSTALLATION OF PROPOSED WORK.
- PAVED SURFACES SHALL BE PROTECTED FROM DAMAGE FROM TRACKED EQUIPMENT. ANY REPAIRS TO DAMAGED PAVED SURFACES WILL BE PAID BY THE CONTRACTOR. NO SEPARATE PAY.
- IRON RODS DISTURBED DURING CONSTRUCTION TO BE REPLACED BY REGISTERED PUBLIC LAND SURVEYOR TO ORIGINAL PROPERTY CORNER AT NO SEPARATE PAY.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN AN UPDATED REDLINED "AS-BUILT" SET OF PLANS ON SITE FOR INSPECTION BY THE ENGINEER, THE ENGINEER'S REPRESENTATIVE, AND THE OWNER'S REPRESENTATIVE.
- WORK PERFORMED UNDER THIS CONTRACT IS GOVERNED BY REQUIREMENTS OF SEVERAL PUBLIC, GOVERNMENTAL, AND PRIVATE ENTITIES. CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF GOVERNING ENTITIES.

GENERAL CONT.

- SURVEY PERFORMED BY RIO DELTA SURVEYOR ELEVATIONS BASED UPON STATIC GPS OBSERVATIONS; NAVD 88 HORIZ: STATE PLANE COORDINATES (NAD83) ZONE SOUTH TEXAS

TRAFFIC CONTROL NOTES:

MAINTENANCE OF WORK ZONE TRAFFIC CONTROL SERVICE:

- THOSE PORTIONS OF THE PROJECT WHICH REQUIRE CONSTRUCTION UNDER TRAFFIC WILL BE MAINTAINED IN A CONDITION ACCEPTABLE TO THE ENGINEER. THIS WORK WILL BE SUBSIDIARY TO THE VARIOUS BID ITEMS.
- AT ANYTIME DURING THE PROSECUTION OF THIS PROJECT IF OTHER SIGNS, BARRICADES, ETC. ARE DEEMED NECESSARY TO CONTROL AND PROVIDE SAFETY FOR THE TRAVELING PUBLIC, THE CONTRACTOR SHALL PROVIDE THESE ADDITIONAL TRAFFIC CONTROL DEVICES. PAYMENT FOR THIS WILL NOT BE PAID FOR DIRECTLY, BUT WILL BE CONSIDERED SUBSIDIARY TO BID.
- THE CONTRACTOR SHALL TAKE CARE TO ASSURE THAT ALL TRAFFIC CONTROL DEVICES AND WORK ZONE PAVEMENT MARKINGS BE KEPT IN A HIGHLY VISIBLE CONDITION (CLEAN, UPRIGHT, AND PROPER LOCATION) THE CONTRACTOR SHALL HAVE ADEQUATE REPLACEMENT TRAFFIC CONTROL DEVICES AVAILABLE, AT ALL TIMES, TO REPLACE THOSE DAMAGED.

SIGNING:

- THE CONTRACTOR SHALL COVER OR TEMPORARILY REMOVE EXISTING SIGNS THAT CONFLICT WITH THE SUGGESTED TRAFFIC CONTROL PLAN OR THE INTENT THEREOF.
- EXISTING SIGNS THAT DO NOT CONFLICT WITH THE SUGGESTED TRAFFIC CONTROL PLAN OR THE INTENT THEREOF, BUT REQUIRE RELOCATION DUE TO PHYSICAL CONFLICTS SHALL NOT BE RELOCATED UNTIL TEMPORARY SIGN SUPPORTS HAVE BEEN INSTALLED TO ALLOW FOR THE IMMEDIATE RELOCATION OF ANY SUCH SIGNS.

- THESE SIGNING MEASURES SHALL NOT BE PAID, OR DIRECTLY, BUT SHALL BE CONSIDERED SUBSIDIARY TO BID.

PUBLIC ACCESS AND PEDESTRIAN SAFETY:

- ANY PORTIONS OF THIS PROJECT THAT COINCIDE WITH EXISTING PUBLIC ROADS AND/OR PRIVATE DRIVES SHALL BE KEPT OPEN TO TRAFFIC AT ALL TIMES, UNLESS OTHERWISE DIRECTED OR APPROVED BY THE ENGINEER.

- THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN TWO-WAY TRAFFIC ON ALL PUBLIC ROADWAYS AT ALL TIMES UNLESS OTHERWISE NOTED ON THE PLANS.

- FOR PEDESTRIAN SAFETY, THE CONTRACTOR SHALL INSTALL ORANGE PLASTIC CONSTRUCTION FENCING (3 FT TALL MINIMUM) AROUND ALL OPEN EXCAVATIONS. THE PLACEMENT OF THIS FENCING SHALL NOT OBSTRUCT SIGHT LINES OF THE TRAVELING PUBLIC.

- THESE MEASURES FOR PUBLIC ACCESS AND PEDESTRIAN SAFETY WILL NOT BE PAID FOR DIRECTLY BUT SHALL BE CONSIDERED SUBSIDIARY TO BID.

- INSTALLATION AND MAINTENANCE OF ALL WORK ZONE SIGNS, BARRICADES, AND PAVEMENT MARKINGS IS THE RESPONSIBILITY OF THE CONTRACTOR, AND SHALL CONFORM TO BARRICADE AND CONSTRUCTION (BC) STANDARDS AND/OR THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD)

- CONSTRUCTION IN ANY AREA THAT IS ADVERSELY AFFECTING TRAFFIC FLOW AND SAFETY MUST BE PURSUED DILIGENTLY BY THE CONTRACTOR. IF IN THE OPINION OF THE ENGINEER, THE CONTRACTOR IS NOT DILIGENTLY PURSUING THE CONSTRUCTION IN THOSE AREAS, THE ENGINEER MAY REQUIRE THE CONTRACTOR TO CHANGE HIS WORK SCHEDULE TO EXPEDITE COMPLETION IN THOSE AREAS OF CONCERN.

- THE CONTRACTOR MAY REQUEST TO ALTER THE TRAFFIC CONTROL PLAN, BUT ANY REQUESTS MAY BE SUBMITTED TO THE ENGINEER IN WRITING. IF THE REQUEST FOR A CHANGE IN THE TRAFFIC CONTROL IS EXTENSIVE, THE ENGINEER MAY REQUIRE THE CONTRACTOR TO PROVIDE PLAN SHEET REVISIONS OUTLINING HIS CHANGE. THESE PLAN SHEET REVISIONS WILL BE PROVIDED BY THE CONTRACTOR AT HIS OWN EXPENSE. ANY CHANGES TO THE TRAFFIC CONTROL PLAN WILL BE SUBJECT TO THE ENGINEER'S WRITTEN APPROVAL.

- FLASHING WARNING LIGHTS AND/OR FLAGS SHALL BE USED TO CALL ATTENTION TO THE EARLY WARNING SIGNS.

- STEADY BURN (TY D) WARNING LIGHTS SHALL BE USED TO MARK CHANNELIZING DEVICES AT NIGHT AS NEEDED.

- ADDITIONAL SIGNS, BARRICADES, AND/OR OTHER CHANNELIZING DEVICES MAY BE REQUIRED AND/OR ADJUSTED AS DIRECTED BY THE ENGINEER.

- WHEN CONSTRUCTION OPERATIONS RESULT IN DROP OF MORE THAN 2 INCHES NEXT TO TRAVEL WAY A 3:1 SLOPE AND 4.0 FEET BUFFER ZONE WILL BE REQUIRED DURING NON WORKING HOURS.

- FOR POSTED SPEEDS EXCEEDING 30 MPH, ADVISORY SPEED SIGNS WITH APPROPRIATE WARNING SIGNS, SHALL BE POSTED IN THE VICINITY SPECIFIC WORK ZONES WITH THE PROJECT LIMITS, UNLESS OTHER SIDE DIRECTED BY THE ENGINEER.

- LENGTH AND SPACING OF CHANNELIZING DEVICES SHALL BE AS SHOWN ON THE BC STANDARDS AND THE "T.M.U.T.C.D." OTHER SIGNS MAY BE USED IN ADDITION TO THOSE REQUIRED BY BARRICADE STANDARDS.

- ALL WORK SHALL BE DONE EXPEDITIOUSLY DURING DAYLIGHT HOURS, OR AS DIRECTED BY THE ENGINEER. NECESSARY FLAGGERS AND APPROPRIATE SIGNING TO SAFELY GUIDE TRAFFIC THROUGH THE WORK AREA WILL BE REQUIRED AS DIRECTED BY THE ENGINEER.

- REFER TO STANDARD TRAFFIC CONTROL SHEETS FOR OTHER PERTINENT INFORMATION NOT SHOWN.

- WORK BEYOND THE PROJECT LIMITS WILL BE PERMITTED PROVIDED DRUMS ARE INSTALLED AS PER TRAFFIC CONTROL BARRIER DEVICES AND THE WORK DOES NOT CREATE A DROP OFF OF MORE THAN TWO (2) INCHES.

- CONTRACTOR TO USE A POWER BROOM FOR CLEANING ROADWAY AND TO MAINTAIN CLEAN AT ALL TIMES. THIS IS NOT A PAID ITEM.

- ROADWAY BARRELS TO BE USED WHEN WORKING OUTSIDE OF THE ROADWAY AS TO DELINEATE THE WORK AREA.

- CROSSWALKS, STOP BARS AND OTHER AFFECTED TRAFFIC MARKINGS SHALL BE REPLACED BY THE CONTRACTOR AS NEEDED AT THE CONTRACTOR'S EXPENSE.

- A STORM WATER POLLUTION PREVENTION PLAN (SW3P) IS NOT REQUIRED, DUE TO CONTRACTOR NEVER DISTURBING AREAS GREATER THAN AN 1-ACRE. THE CONTRACTOR WILL BE REQUIRED TO FOLLOW STORM WATER POLLUTION CONTROL AS PER SPECIFICATION 1570 AND PLANS.

TRAFFIC CONTROL NOTES (CONT'D):

- ACCESS TO MAIL BOXES SHALL BE PROVIDED AT ALL TIMES. ANY MAIL BOXES DAMAGED DURING CONSTRUCTION SHALL BE REPLACED AND SHALL BE AS PER TXDOT STANDARDS.

PAVING CONSTRUCTION NOTES:

- HOT MIX ASPHALT CONCRETE TO BE IN ACCORDANCE WITH TXDOT SPECIFICATION TYPE "D" ITEM 340.

- SUBGRADE EXCAVATION, MIXING OF LIME, AND RECOMPACTION TO BE INCLUDED IN PRICE BID PER SQUARE YARD FOR "LIME TREATED SUBGRADE."

- CONTRACTOR TO FILL BEHIND CURBS AND WALKS AND SHAPE TO INSURE PROPER DRAINAGE.

- CONSTRUCTION JOINTS TO EXISTING PAVEMENT SHALL BE MADE BY EITHER CUTTING BACK EXISTING TO PRODUCE A SLIGHTLY BEVELED EDGE FOR THE FULL THICKNESS OF THE WEARING COURSE OR A SUITABLE LAP JOINT SHALL BE MADE. SAW CUTTING REQUIRED.

- NO TRAFFIC SHALL BE ALLOWED ON THE FINISHED WEARING SURFACE UNTIL AT LEAST 12 HOURS AFTER COMPLETION OF ROLLING.

- HOT MIX ASPHALT CONCRETE TRANSPORT TRUCKS TO BE EQUIPPED WITH CANVAS COVERS TO BE UTILIZED DURING MATERIAL HAULING. MATERIAL DELIVERED TO SITE AT IMPORPER TEMPERATURE SHALL BE REJECTED. HOT MIX SHALL BE LAID AT A MINIMUM TEMPERATURE OF 225°F.

- WHEN TYING INTO EXISTING CURB, EXPOSE REBAR AND FORM EXPANSION JOINT PER DETAIL SHEET.

- ANY SETTLEMENT UNDER PAVEMENT DUE TO INADEQUATE COMPACTION OF UTILITY LINE BACK FILL SHALL BE CAUSE FOR RECOMPACTION OF TRENCH AND REPLACEMENT OF PAVEMENT SECTION.

- EXISTING MANHOLES LOCATED ON ROADWAYS SHALL BE ADJUSTED TO THE PROPOSED GRADE. NO SEPARATE PAY.

- DEMOLITION, REMOVAL, & DISPOSAL OF ALL EXCESS CONCRETE, CURBS, REBAR, ETC. TO BE DONE IN A LEGAL MANNER AT CONTRACTOR'S EXPENSE.

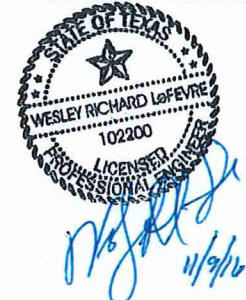
- ALL MANHOLES AND/OR OTHER STRUCTURES TO BE ADJUSTED BY THE CONTRACTOR TO MEET FINAL GRADES, A MAXIMUM OF 18 INCHES OF THROAT RINGS WILL BE ALLOWED. (NO SEPARATE PAY)

- UPON COMPLETION OF CONSTRUCTION, CONTRACTOR SHALL RETURN THE SITE TO ORIGINAL CONTOURS UNLESS DIFFERENT FINISHED ELEVATIONS ARE SHOWN ON PLANS. CONTRACTOR TO ASSURE NO AREAS OF PONDING ARE PRESENT.

LEGEND

- LIGHT POLE
- POWER POLE
- GUY WIRE
- TEL PEDESTAL
- TRAFFIC SIGN
- RCP
- WATER VALVE MARKER
- WATER VALVE
- IRR. VALVE

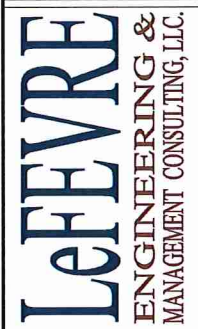
APPROV.				
REVISION				
DATE				
NO.	1	2	3	4
HIDALGO COUNTY PRECINCT 1 MILE 13 1/2 ROAD FEMA RD & DRAINAGE IMPROVEMENTS GENERAL CONSTRUCTION NOTES				



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Scale	N.T.S.
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Job No.	P-203-01
Sheet	2 of 11

☉ STA: 10+00
 MILE 13½ ROAD
 N=16616496.4418
 E=1153271.4410

FARM TRACT 366
 WEST TRACT SUBDIVISION
 VOL. 2, PAGE 34
 MAP RECORDS

FARM TRACT 369
 WEST TRACT SUBDIVISION
 VOL. 2, PAGE 34
 MAP RECORDS

FARM TRACT 369
 WEST TRACT SUBDIVISION
 VOL. 2, PAGE 34
 MAP RECORDS

CENTERLINE



FARM TRACT 365
 WEST TRACT SUBDIVISION
 VOL. 2, PAGE 34
 MAP RECORDS

FARM TRACT 370
 WEST TRACT SUBDIVISION
 VOL. 2, PAGE 34
 MAP RECORDS

EXIST 30' R.O.W.

MILE 13½ ROAD

FARM TRACT 370
 WEST TRACT SUBDIVISION
 VOL. 2, PAGE 34
 MAP RECORDS

16.82' E/E

MATCH LINE STA: 16+00

MATCH LINE STA: 16+00

FARM TRACT 369
 WEST TRACT SUBDIVISION
 VOL. 2, PAGE 34
 MAP RECORDS

CENTERLINE

(N 88°45'30.34" E 2,629 L.F.)

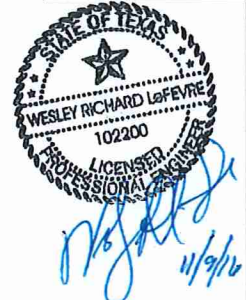
MILE 13½ ROAD

16.18' E/E

MATCH LINE STA: 22+50

EXIST 30' R.O.W.

FARM TRACT 370
 WEST TRACT SUBDIVISION
 VOL. 2, PAGE 34
 MAP RECORDS



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 Sheet 3 of 11

FARM TRACT 369
 WEST TRACT SUBDIVISION
 VOL. 2, PAGE 34
 MAP RECORDS

FARM TRACT 374
 WEST TRACT SUBDIVISION
 VOL. 2, PAGE 34
 MAP RECORDS

CENTERLINE

(N 88°45'30.34" E 2,629 L.F.)

MILE 13½ ROAD

19.72' E/E

MATCH LINE STA: 28+50

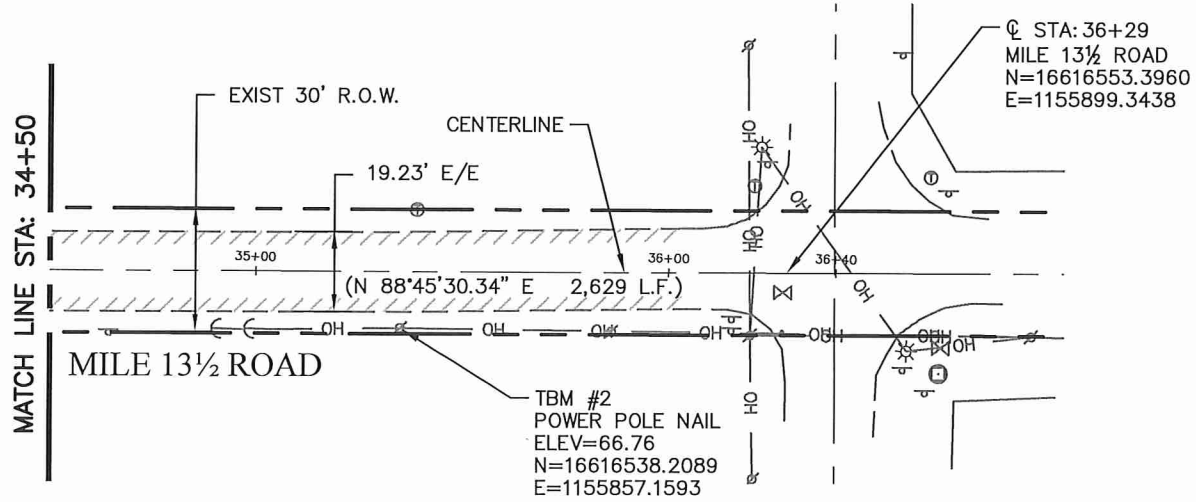
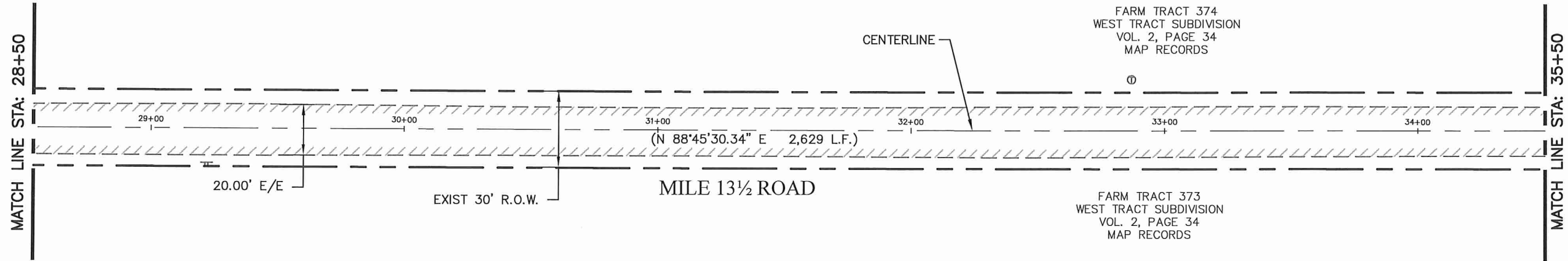
FARM TRACT 370
 WEST TRACT SUBDIVISION
 VOL. 2, PAGE 34
 MAP RECORDS

FARM TRACT 373
 WEST TRACT SUBDIVISION
 VOL. 2, PAGE 34
 MAP RECORDS

EXIST 30' R.O.W.

FARM TRACT 373
 WEST TRACT SUBDIVISION
 VOL. 2, PAGE 34
 MAP RECORDS

TBM #1
 IRRIGATION VALVE
 ELEV=67.30
 N=16616499.0999
 E=1154590.4638



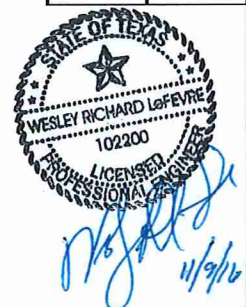
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WEST TRACT SUBDIVISION
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MAP RECORDS

FARM TRACT 373
WEST TRACT SUBDIVISION
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MAP RECORDS

☉ STA: 36+29
MILE 13 1/2 ROAD
N=16616553.3960
E=1155899.3438

TBM #2
POWER POLE NAIL
ELEV=66.76
N=16616538.2089
E=1155857.1593

HIDALGO COUNTY PRECINCT 1		NO.	DATE	REVISION	APPROV.
MILE 13 1/2 ROAD		1			
FEMA RD & DRAINAGE IMPROVEMENTS		2			
SURVEY CONTROL PLAN		3			
SHEE 2 OF 2		4			



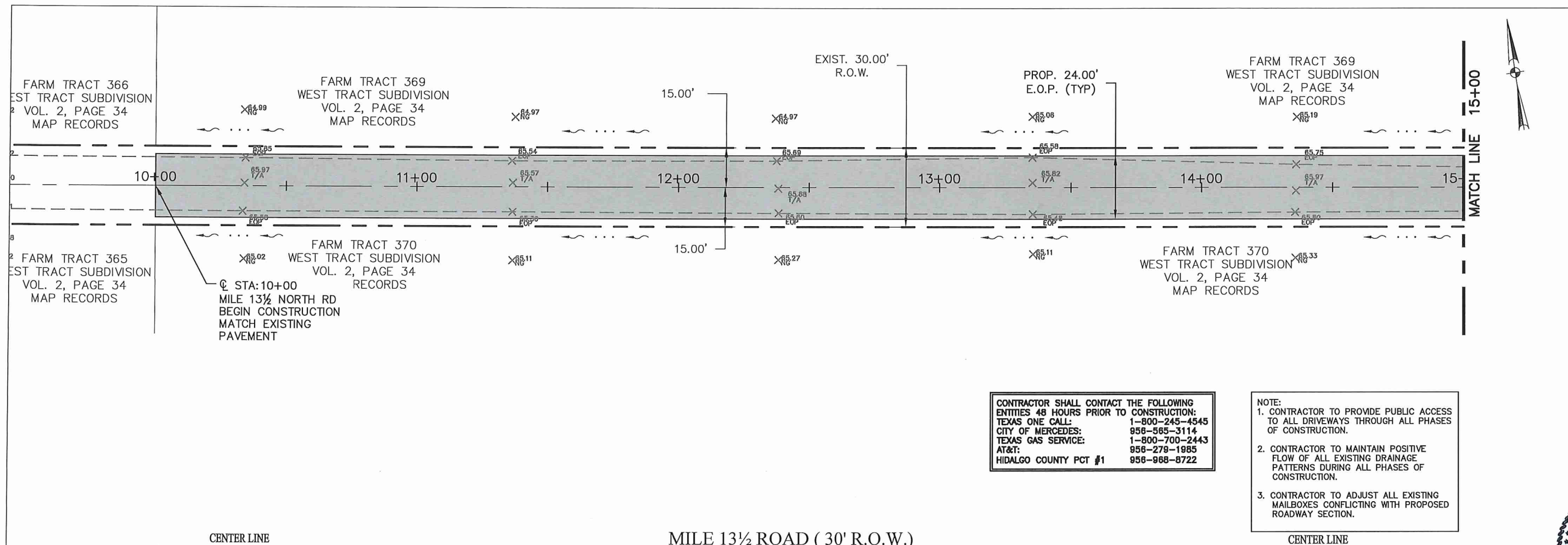
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Dallas, TX 75276
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Job No.	P-203-01
Sheet	4 of 11

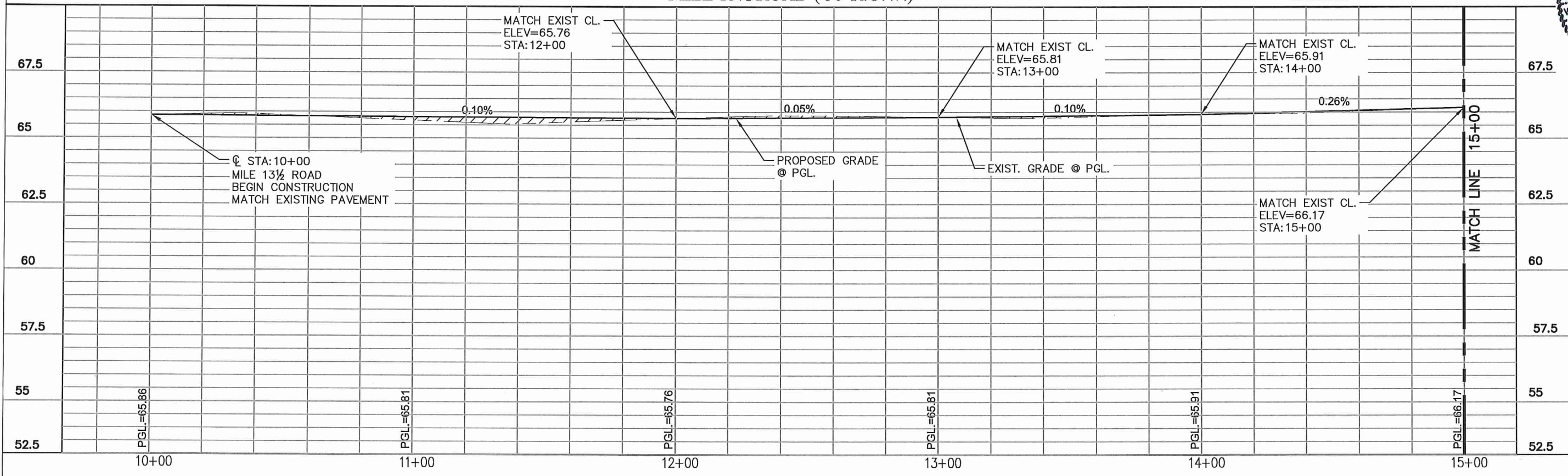


CONTRACTOR SHALL CONTACT THE FOLLOWING ENTITIES 48 HOURS PRIOR TO CONSTRUCTION:

TEXAS ONE CALL: 1-800-245-4545
 CITY OF MERCEDES: 956-585-3114
 TEXAS GAS SERVICE: 1-800-700-2443
 AT&T: 956-278-1985
 HIDALGO COUNTY PCT #1: 956-968-8722

NOTE:

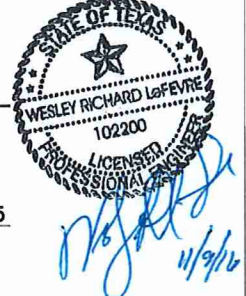
- CONTRACTOR TO PROVIDE PUBLIC ACCESS TO ALL DRIVEWAYS THROUGH ALL PHASES OF CONSTRUCTION.
- CONTRACTOR TO MAINTAIN POSITIVE FLOW OF ALL EXISTING DRAINAGE PATTERNS DURING ALL PHASES OF CONSTRUCTION.
- CONTRACTOR TO ADJUST ALL EXISTING MAILBOXES CONFLICTING WITH PROPOSED ROADWAY SECTION.



NO.	DATE	REVISION	APPROV.
1			
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HIDALGO COUNTY PRECINCT 1
MILE 13 1/2 ROAD
FEMA RD & DRAINAGE IMPROVEMENTS

PLAN AND PROFILE SHEET
STA. 10+00 TO 15+00



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11/6/16

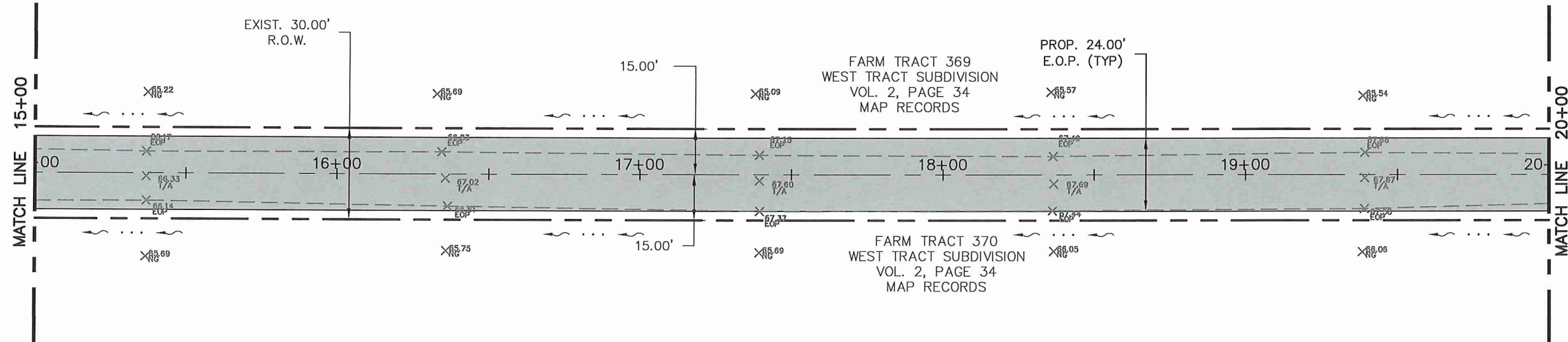
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Job No. P-203-01
Sheet 5 of 11

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CONTRACTOR SHALL CONTACT THE FOLLOWING ENTITIES 48 HOURS PRIOR TO CONSTRUCTION:

TEXAS ONE CALL:	1-800-245-4545
CITY OF MERCEDES:	956-585-3114
TEXAS GAS SERVICE:	1-800-700-2443
AT&T:	956-279-1985
HIDALGO COUNTY PCT #1:	956-988-8722

NOTE:

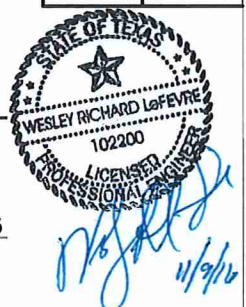
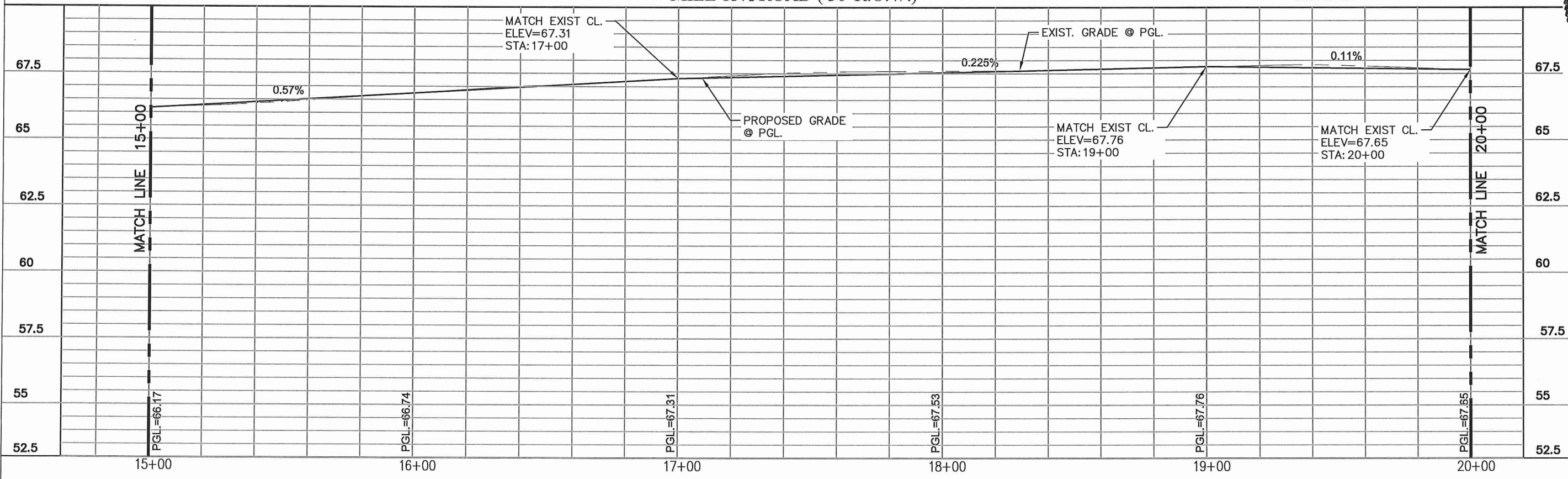
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NO.	DATE	REVISION	APPROV.
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HIDALGO COUNTY PRECINCT 1
MILE 13 1/2 ROAD
FEMA RD & DRAINAGE IMPROVEMENTS

PLAN AND PROFILE SHEET
STA. 15+00 TO 20+00

CENTER LINE MILE 13 1/2 ROAD (30' R.O.W.) CENTER LINE



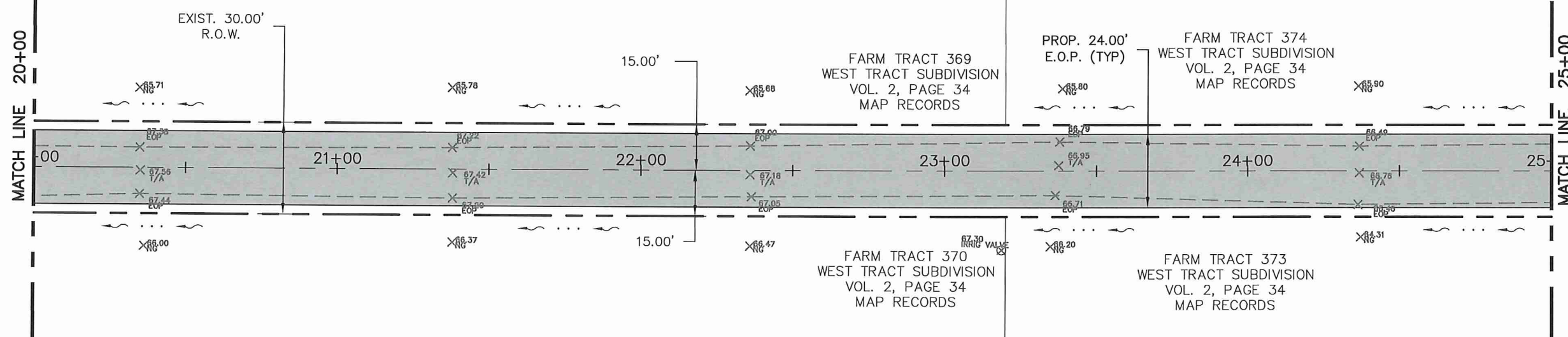
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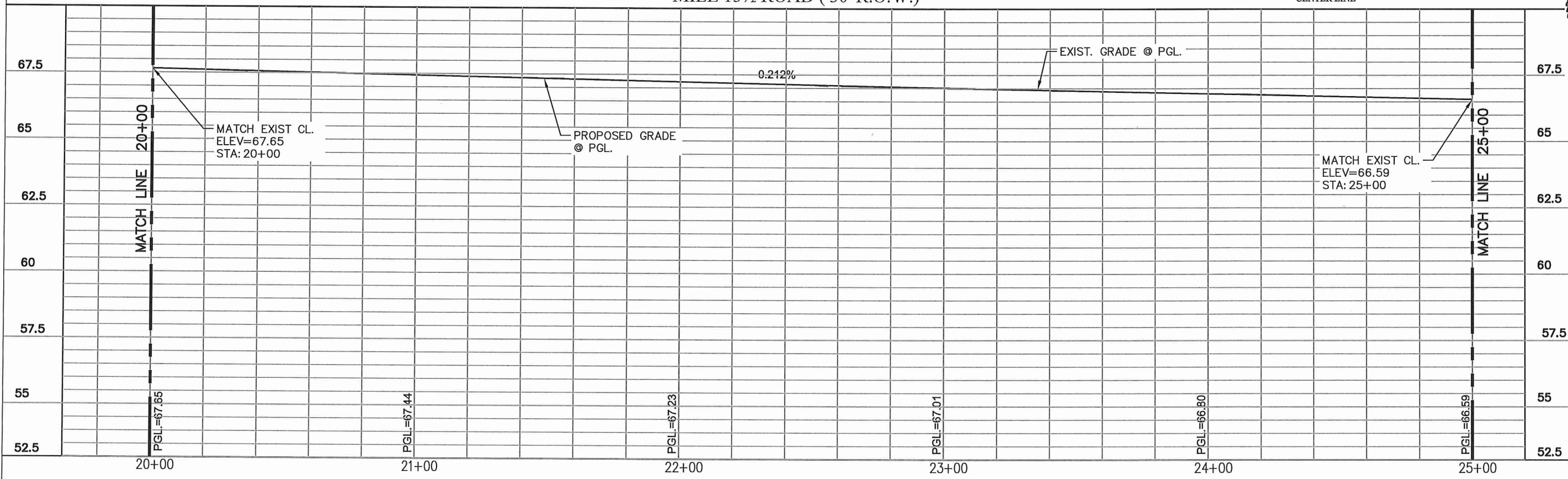
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Date NOVEMBER, 2016
Job No. P-203-01
Sheet 6 of 11



CONTRACTOR SHALL CONTACT THE FOLLOWING ENTITIES 48 HOURS PRIOR TO CONSTRUCTION:
 TEXAS ONE CALL: 1-800-245-4545
 CITY OF MERCEDES: 956-565-3114
 TEXAS GAS SERVICE: 1-800-700-2443
 AT&T: 956-279-1985
 HIDALGO COUNTY PCT #1: 956-968-8722

- NOTE:
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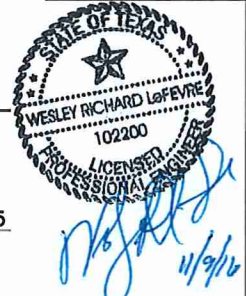
CENTER LINE MILE 13 1/2 ROAD (30' R.O.W.) CENTER LINE



NO.	DATE	REVISION	APPROV.
1			
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HIDALGO COUNTY PRECINCT 1
 MILE 13 1/2 ROAD
 FEMA RD & DRAINAGE IMPROVEMENTS

PLAN AND PROFILE SHEET
 STA. 20+00 TO 25+00



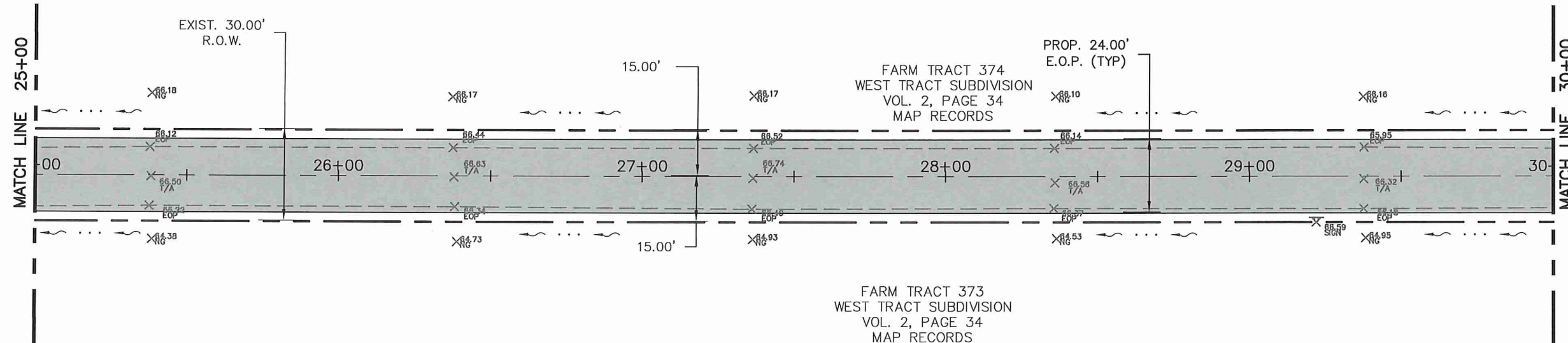
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 Date NOVEMBER, 2016
 Job No. P-203-01
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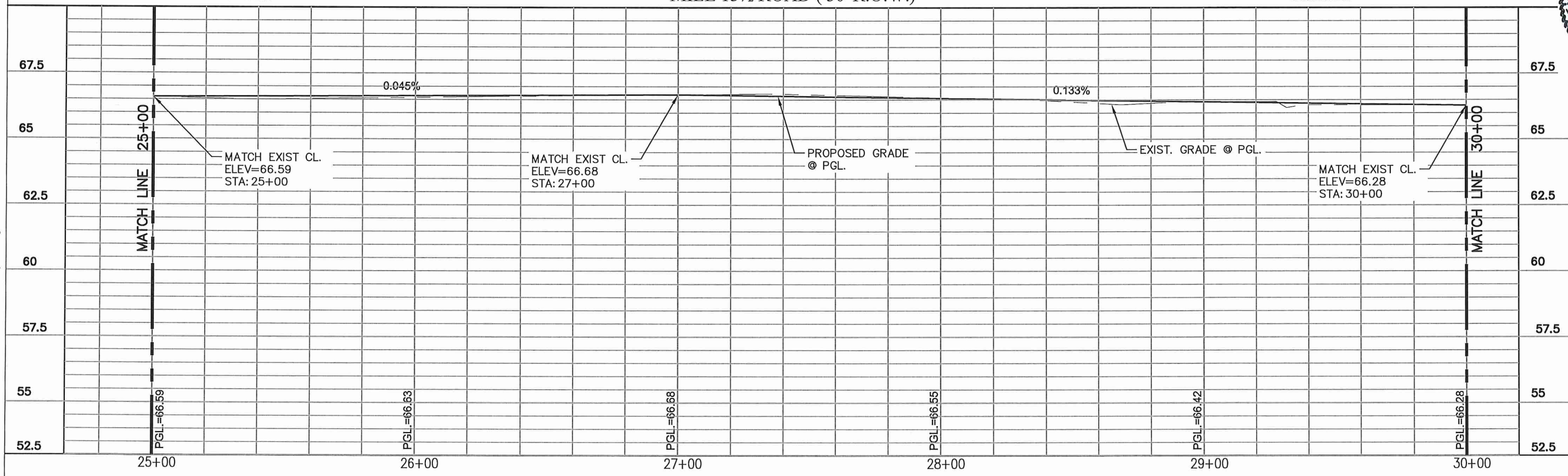
FARM TRACT 373
WEST TRACT SUBDIVISION
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FARM TRACT 374
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 AT&T: 956-279-1985
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NOTE:
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 3. CONTRACTOR TO ADJUST ALL EXISTING MAILBOXES CONFLICTING WITH PROPOSED ROADWAY SECTION.

CENTER LINE MILE 13 1/2 ROAD (30' R.O.W.) CENTER LINE

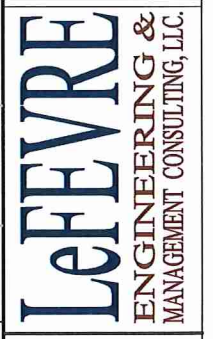


NO.	DATE	REVISION	APPROV.
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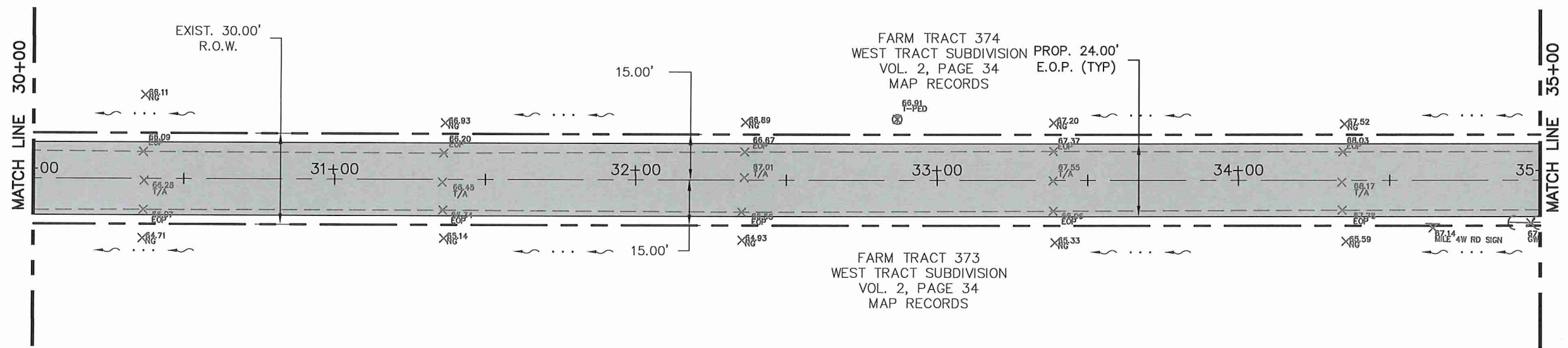
HIDALGO COUNTY PRECINCT 1
 MILE 13 1/2 ROAD
 FEMA RD & DRAINAGE IMPROVEMENTS
 PLAN AND PROFILE SHEET
 STA. 25+00 TO 30+00



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 Date NOVEMBER, 2016
 Job No. P-203-01
 Sheet 8 of 11



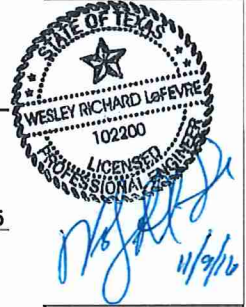
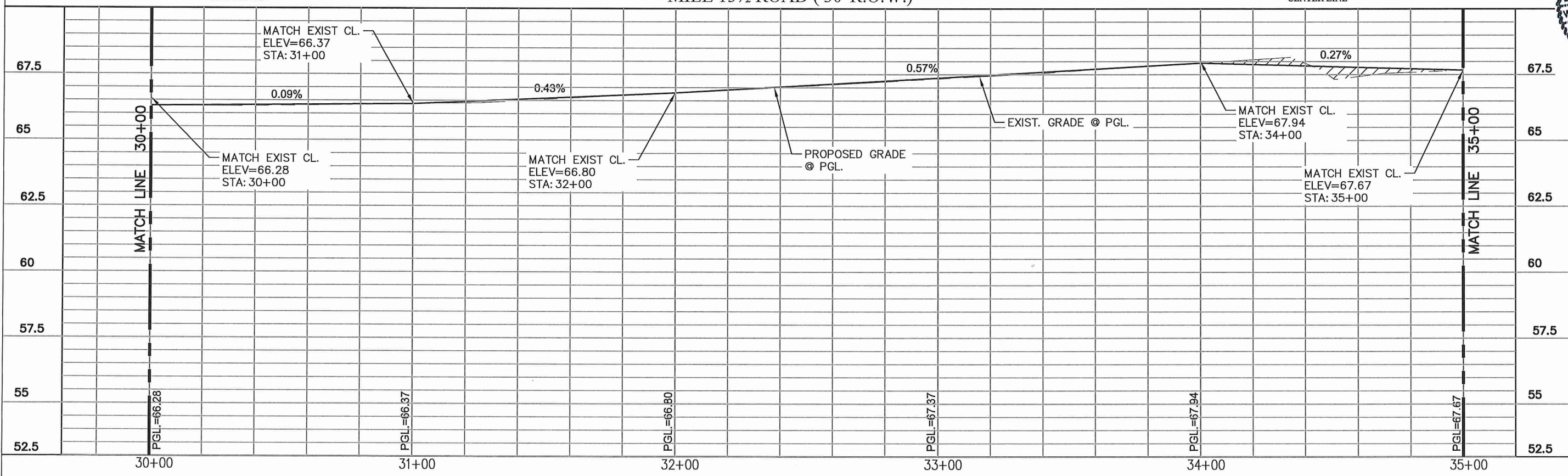
CONTRACTOR SHALL CONTACT THE FOLLOWING ENTITIES 48 HOURS PRIOR TO CONSTRUCTION:

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MILE 13 1/2 ROAD (30' R.O.W.)



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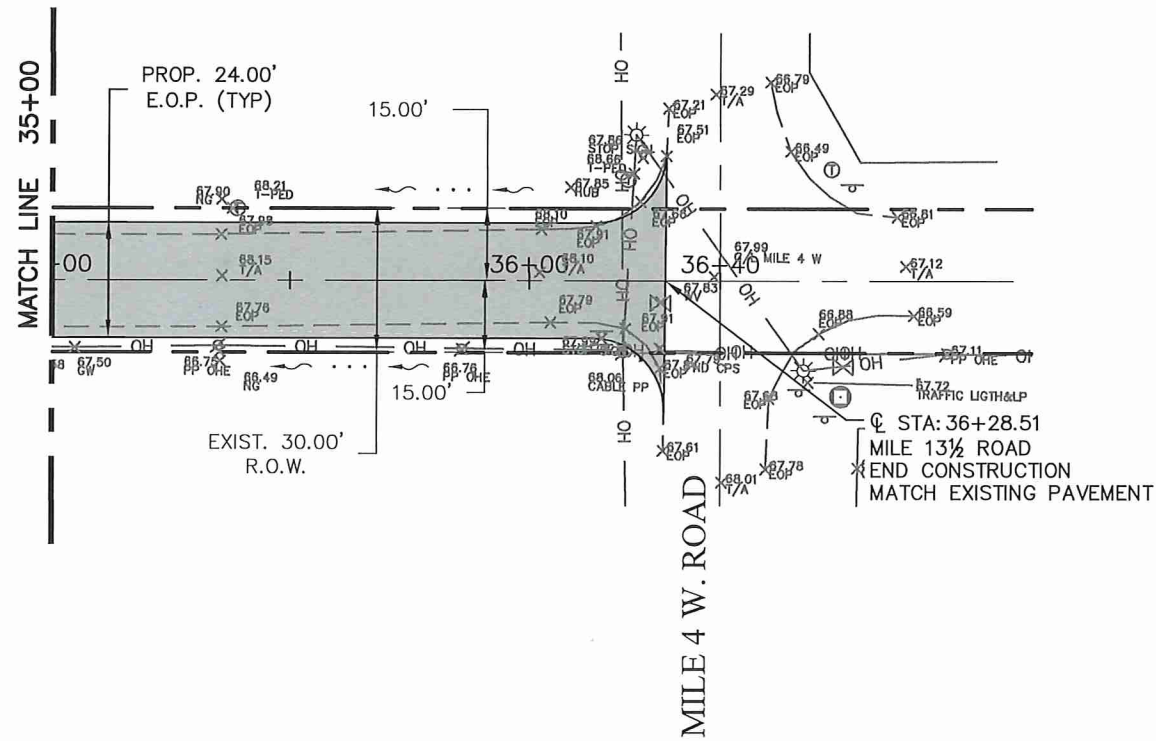
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 Vert. 1:4
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 Date NOVEMBER, 2016
 Job No. P-203-01
 Sheet 9 of 11

NO.	DATE	REVISION	APPROV.
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HIDALGO COUNTY PRECINCT 1
 MILE 13 1/2 ROAD
 FEMA RD & DRAINAGE IMPROVEMENTS

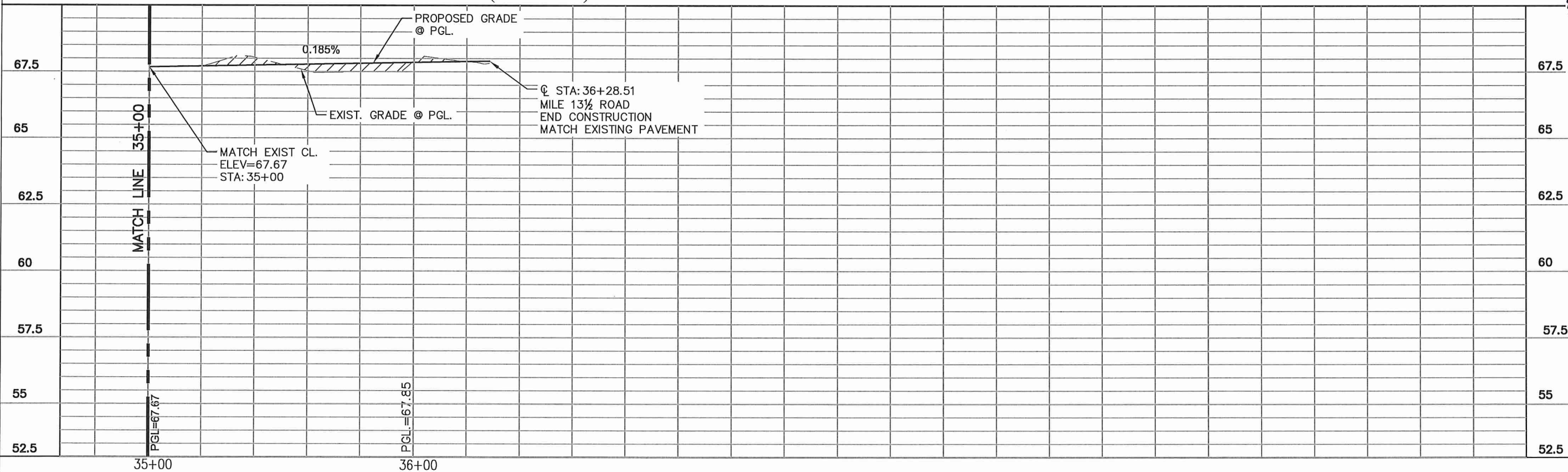
PLAN AND PROFILE SHEET
 STA. 30+00 TO 35+00



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 HIDALGO COUNTY PCT #1: 956-968-8722

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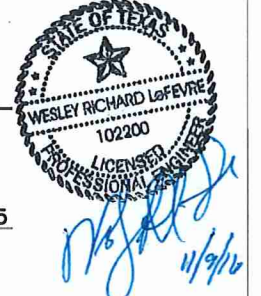
CENTER LINE MILE 13 1/2 ROAD (30' R.O.W.)



NO.	DATE	REVISION	APPROV.
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HIDALGO COUNTY PRECINCT 1
 MILE 13 1/2 ROAD
 FEMA RD & DRAINAGE IMPROVEMENTS

PLAN AND PROFILE SHEET
 STA. 35+00 TO 40+00



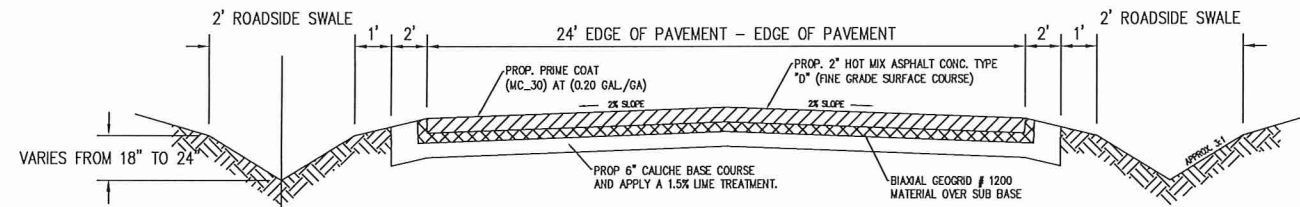
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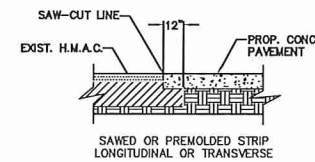
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 Vert. 1:4
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 Sheet 10 of 11



TYPICAL ROADWAY CROSS SECTION

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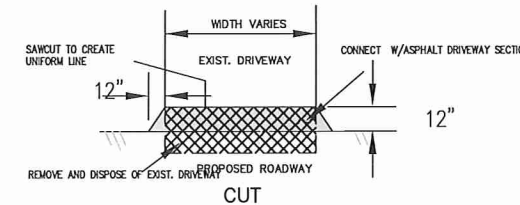
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SAWCUT DETAIL (PROP. CONC.)

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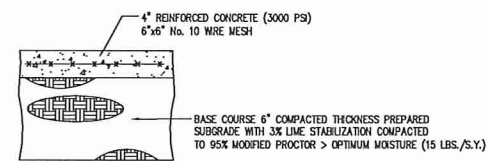
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DRIVEWAY CONNECTION DETAIL

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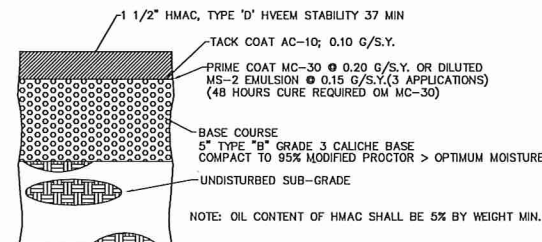
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TYPICAL CONCRETE DRIVEWAY SECTION

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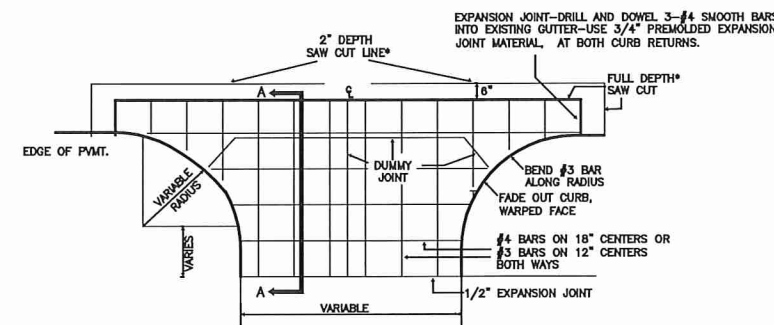
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TYPICAL ASPHALT DRIVEWAY SECTION

N.T.S.

4



SECTION A-A

DRIVEWAY APPROACH DETAIL

N.T.S.

6

NOTES:

ALL ENTRANCES CONSTRUCTED ON THIS PROJECT ARE SUBJECT TO CONCURRENCE WITH EXISTING GOVERNING REGULATIONS AS SET OUT BY THE STATE HIGHWAY COMMISSION.

ENTRANCE'S BASE AND SURFACING MAY BE EXTENDED BEYOND R.O.W. LINE AS REQUIRED TO MEET EXISTING GRADE IN THE SATISFACTORY MANNER OF WHICH NO STEEPER THAN 12:1 SLOPE WILL BE CONSTRUCTED.

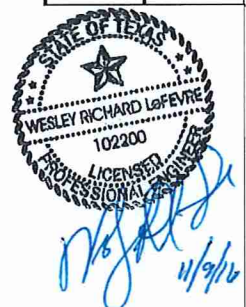
ALL FLEXIBLE BASE USED FOR PRIVATE DRIVES & COMMERCIAL DRIVES WILL NOT REQUIRE LIME TREATMENT.

EXACT LOCATIONS, DIMENSIONS, AND TYPE TO BE ESTABLISHED DURING CONSTRUCTION BY THE ENGINEER.

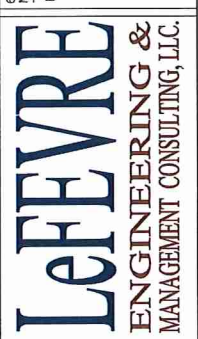
SIDE DRAINS TO BE INSTALLED WITH A MINIMUM OF 6" COVER BY PROPOSED RESIDENTIAL & COMMERCIAL MATERIAL OR 15" COVER OF PROPOSED COUNTY RD. & CITY STREET ROADWAY MATERIAL.

NO.	DATE	REVISION	APPROV.
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HIDALGO COUNTY PRECINCT 1
MILE 13 1/2 ROAD
FEMA RD & DRAINAGE IMPROVEMENTS
DETAILS SHEET



Civil Engineering
Environmental Engineering
Planning
Project Management
Texas Registered Engineering Firm F-11722
11/6/16



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Date	NOVEMBER, 2016
Job No.	P-203-01
Sheet	11 of 11

HIDALGO COUNTY PRECINCT NO. 1

FEMA ROAD AND DRAINAGE IMPROVEMENTS WORK AUTHORIZATION No. 3

YVETTE CIRCLE (BETWEEN MILE 3 WEST AND MILE 12 1/2 NORTH)

WESLACO, TEXAS



HIDALGO COUNTY OFFICIALS

RAMON GARCIA _____ COUNTY JUDGE
 A.C. CUELLAR, JR. _____ COMMISSIONER PCT. No. 1
 EDDIE CANTU _____ COMMISSIONER PCT. No. 2
 JOE M. FLORES _____ COMMISSIONER PCT. No. 3
 JOSEPH PALACIOS _____ COMMISSIONER PCT. No. 4



SCALE 1"=6000'

NOVEMBER, 2016

INDEX OF SHEETS

Sheet No.	Description
1	COVER SHEET
2	GENERAL CONSTRUCTION NOTES
3-4	SURVEY CONTROL PLAN
5-9	PLAN AND PROFILE SHEETS
10	DETAILS SHEET



Wesley Richard LeFevre
 WESLEY RICHARD LEFEVRE, P.E.

11/9/16
 DATE

LeFEVRE

ENGINEERING &
 MANAGEMENT CONSULTING, LLC.

Texas Registered Engineering Firm F-11722

612 Nolana, Suite 520
 McAllen, Texas 78504
 Tel. 956.687.LEMC
 Fax. 956.687-5363

Drawn	LH	Date	NOVEMBER, 2016
Checked	HM	Job No.	P-203-03
Approved	RLF	Sheet	1 of 10

GENERAL

- CONTRACTOR SHALL CONTACT LeFEVRE ENGINEERING & MANAGEMENT CONSULTING, LLC (LEMCO) AT 956-687-5362, 72 HOURS PRIOR TO START OF ANY CONSTRUCTION WITHIN PROJECT SITE.
- CONTRACTOR TO NOTIFY ALL UTILITY COMPANIES WITHIN THE CONSTRUCTION AREA 72 HOURS PRIOR TO EXCAVATION NEAR THEIR UTILITIES.
- CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF EXISTING FACILITIES PRIOR TO CONSTRUCTION OF PROPOSED FACILITIES (NO SEPARATE PAY). ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF LeFEVRE ENGINEERING MANAGEMENT CONSULTING, LLC. IN WRITING PRIOR TO COMMENCEMENT OF CONSTRUCTION. ANY DAMAGE TO EXISTING FACILITIES INCURRED AS A RESULT OF THIS CONSTRUCTION OPERATION WILL BE REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE.
- CONTRACTOR TO OBTAIN ALL CONSTRUCTION PERMITS NOT SUPPLIED BY OWNER AT HIS EXPENSE PRIOR TO COMMENCEMENT OF WORK. OWNER'S ENGINEER TO APPLY FOR AND PROVIDE TXDOT PERMIT TO WORK IN R.O.W. AND ANY RELATED CROSSING PERMITS.
- CONTRACTOR SHALL GIVE NOTICE TO ALL AUTHORIZED INSPECTORS, SUPERINTENDENTS, OR PERSONS IN CHARGE OF PRIVATE AND PUBLIC UTILITIES OR RAILROADS AFFECTED BY HIS OPERATIONS PRIOR TO COMMENCEMENT OF WORK. CONTRACTOR SHALL ASSURE HIMSELF THAT ALL CONSTRUCTION PERMITS HAVE BEEN OBTAINED PRIOR TO COMMENCEMENT OF WORK. REQUIRED PERMITS THAT CAN ONLY BE ISSUED TO CONTRACTOR WILL BE OBTAINED AT HIS EXPENSE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ADEQUATE DRAINAGE AT ALL TIMES DURING CONSTRUCTION OF PROPOSED FACILITIES. NATURAL GROUND ADJACENT TO UTILITY TRENCH EXCAVATION TO BE CLEARED AND GRUBBED PRIOR TO PLACEMENT OF EXCESS TRENCH MATERIAL (NO ADDITIONAL PAYMENT - INCLUDE IN COST OF UNDERGROUND UTILITIES CONSTRUCTION.)
- FILL TO BE PLACED IN MAXIMUM 6-INCH LIFTS AND COMPACTED TO A MINIMUM OF 95% STANDARD PROCTOR DENSITY PER ASTM D-698, UNLESS OTHERWISE NOTED.
- CONTRACTOR IS RESPONSIBLE FOR CLEANING MUD AND/OR DIRT TRACKED ONTO EXISTING STREETS BY HIS WORKMEN'S, SUPPLIER'S, OR SUBCONTRACTOR'S VEHICLES. STREETS MUST BE CLEANED WITHIN 2 HOURS OF WHEN THE TRACKING OCCURS. NO SEPARATE PAY.
- RETESTING OF ANY TESTING FAILURES WILL BE THE CONTRACTOR'S RESPONSIBILITY. NO SEPARATE PAY
- WHERE CONTRACTOR'S WORK AND/ OR EQUIPMENT CAUSES AN OBSTRUCTION TO TRAFFIC, CONTRACTOR SHALL PROVIDE AND INSTALL TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH PART III OF THE "TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (TEXAS M.U.D.C.D., MOST RECENT EDITION AS REVISED) DURING CONSTRUCTION. A WRITTEN TRAFFIC CONTROL PLAN SHALL BE SUBMITTED PRIOR TO CONSTRUCTION FOR REVIEW BY THE ENGINEER & OTHER APPROPRIATE PERSONS.
- LOCATION OF EXISTING UNDERGROUND UTILITIES AND SERVICE LINES (WATER, SEWER, GAS, TELEPHONE, ELECTRICAL, ETC.) ARE DETERMINED FROM AVAILABLE RECORDS AND ARE APPROXIMATE. CONTRACTOR TO LOCATE LINES AND/ OR OBSTRUCTIONS AHEAD OF EXCAVATION.
- ANY SOIL BORINGS THE CONTRACTOR REQUIRES ARE TO BE DONE BY THE CONTRACTOR AT HIS EXPENSE.
- OVERHEAD LINES MAY EXIST ON THE ALIGNMENTS. CLEARLY VISIBLE LINES ARE NOT MARKED, AND CONTRACTOR TO NOTE THEIR LOCATION PRIOR TO CONSTRUCTION. TEXAS LAW, SECTION 752, HEALTH & SAFETY CODE, FORBIDS ALL ACTIVITIES IN WHICH
- PERSONS OR OBJECTS MAY COME WITHIN SIX (6) FEET OF LIVE OVERHEAD HIGH VOLTAGE LINES. CONTRACTORS ARE LEGALLY RESPONSIBLE FOR SAFETY OF CONSTRUCTION WORKERS UNDER THIS LAW. THIS LAW CARRIES BOTH CRIMINAL AND CIVIL LIABILITY.
- CONTRACTOR TO MAKE ARRANGEMENTS WITH THE APPROPRIATE UTILITY COMPANY FOR SECURING POLES, IF NECESSARY, WHILE CONSTRUCTION PASSES BY POLES. COSTS OF SECURING POLES WILL BE PAID FOR BY THE CONTRACTOR, NO SEPARATE PAY.
- CONSTRUCTION STAKING (ALIGNMENT AND GRADE) TO BE PROVIDED BY THE CONTRACTOR AT NO SEPARATE PAY.
- SURPLUS EXCAVATED MATERIAL SHALL BE REMOVED AND DISPOSED OF OFF SITE AS DIRECTED BY THE ENGINEER. IF THE ENGINEER NOTIFIES THE CONTRACTOR THAT THE OWNER DOES NOT HAVE USE FOR THIS MATERIAL, THE SURPLUS MATERIAL BECOMES THE PROPERTY OF THE CONTRACTOR, AND IT IS HIS RESPONSIBILITY TO DISPOSE OF THE MATERIAL.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH APPLICABLE LOCAL REQUIREMENTS.
- CONTRACTOR SHALL PROTECT EXISTING UNDERGROUND FACILITIES DURING INSTALLATION OF PROPOSED WORK.
- PAVED SURFACES SHALL BE PROTECTED FROM DAMAGE FROM TRACKED EQUIPMENT. ANY REPAIRS TO DAMAGED PAVED SURFACES WILL BE PAID BY THE CONTRACTOR. NO SEPERATE PAY.
- IRON RODS DISTURBED DURING CONSTRUCTION TO BE REPLACED BY REGISTERED PUBLIC LAND SURVEYOR TO ORIGINAL PROPERTY CORNER AT NO SEPARATE PAY.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN AN UPDATED REDLINED "AS-BUILT" SET OF PLANS ON SITE FOR INSPECTION BY THE ENGINEER, THE ENGINEER'S REPRESENTATIVE, AND THE OWNER'S REPRESENTATIVE.
- WORK PERFORMED UNDER THIS CONTRACT IS GOVERNED BY REQUIREMENTS OF SEVERAL PUBLIC, GOVERNMENTAL, AND PRIVATE ENTITIES. CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF GOVERNING ENTITIES.

GENERAL CONT.

- SURVEY PERFORMED BY RIO DELTA SURVEYOR ELEVATIONS BASED UPON STATIC GPS OBSERVATIONS; NAVD 88 HORIZ: STATE PLANE COORDINATES (NAD83) ZONE SOUTH TEXAS

TRAFFIC CONTROL NOTES:

MAINTENANCE OF WORK ZONE TRAFFIC CONTROL SERVICE:

- THOSE PORTIONS OF THE PROJECT WHICH REQUIRE CONSTRUCTION UNDER TRAFFIC WILL BE MAINTAINED IN A CONDITION ACCEPTABLE TO THE ENGINEER. THIS WORK WILL BE SUBSIDIARY TO THE VARIOUS BID ITEMS.
- AT ANYTIME DURING THE PROSECUTION OF THIS PROJECT IF OTHER SIGNS, BARRICADES, ETC. ARE DEEMED NECESSARY TO CONTROL AND PROVIDE SAFETY FOR THE TRAVELING PUBLIC. THE CONTRACTOR SHALL PROVIDE THESE ADDITIONAL TRAFFIC CONTROL DEVICES. PAYMENT FOR THIS WILL NOT BE PAID FOR DIRECTLY, BUT WILL BE CONSIDERED SUBSIDIARY TO BID.
- THE CONTRACTOR SHALL TAKE CARE TO ASSURE THAT ALL TRAFFIC CONTROL DEVICES AND WORK ZONE PAVEMENT MARKINGS BE KEPT IN A HIGHLY VISIBLE CONDITION (CLEAN, UPRIGHT AND PROPER LOCATION) THE CONTRACTOR SHALL HAVE ADEQUATE REPLACEMENT TRAFFIC CONTROL DEVICES AVAILABLE, AT ALL TIMES, TO REPLACE THOSE DAMAGED.

SIGNING:

- THE CONTRACTOR SHALL COVER OR TEMPORARILY REMOVE EXISTING SIGNS THAT CONFLICT WITH THE SUGGESTED TRAFFIC CONTROL PLAN OR THE INTENT THEREOF.
- EXISTING SIGNS THAT DON NOT CONFLICT WITH THE SUGGESTED TRAFFIC CONTROL PLAN OR THE INTENT THEREOF, BUT REQUIRE RELOCATION DUE TO PHYSICAL CONFLICTS SHALL NOT BE RELOCATED UNTIL TEMPORARY SIGN SUPPORTS HAVE BEEN INSTALLED TO ALLOW FOR THE IMMEDIATE RELOCATION OF ANY SUCH SIGNS.

- THESE SIGNING MEASURES SHALL NOT BE PAID, OR DIRECTLY, BUT SHALL BE CONSIDERED SUBSIDIARY TO BID.

PUBLIC ACCESS AND PEDESTRIAN SAFETY:

- ANY PORTIONS OF THIS PROJECT THAT COINCIDE WITH EXISTING PUBLIC ROADS AND/OR PRIVATE DRIVES SHALL BE KEPT OPEN TO TRAFFIC AT ALL TIMES, UNLESS OTHERWISE DIRECTED OR APPROVED BY THE ENGINEER.
- THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN TWO-WAY TRAFFIC ON ALL PUBLIC ROADWAYS AT ALL TIMES UNLESS OTHERWISE NOTED ON THE PLANS.

- FOR PEDESTRIAN SAFETY, THE CONTRACTOR SHALL INSTALL ORANGE PLASTIC CONSTRUCTION FENCING (3 FT TALL MINIMUM) AROUND ALL OPEN EXCAVATIONS. THE PLACEMENT OF THIS FENCING SHALL NOT OBSTRUCT SIGHT LINES OF THE TRAVELING PUBLIC.

- THESE MEASURES FOR PUBLIC ACCESS AND PEDESTRIAN SAFETY WILL NOT BE PAID FOR DIRECTLY BUT SHALL BE CONSIDERED SUBSIDIARY TO BID.

- INSTALLATION AND MAINTENANCE OF ALL WORK ZONE SIGNS, BARRICADES, AND PAVEMENT MARKINGS IS THE RESPONSIBILITY OF THE CONTRACTOR, AND SHALL CONFORM TO BARRICADE AND CONSTRUCTION (BC) STANDARDS AND/OR THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD)

- CONSTRUCTION IN ANY AREA THAT IS ADVERSELY AFFECTING TRAFFIC FLOW AND SAFETY MUST BE PURSUED DILIGENTLY BY THE CONTRACTOR. IF IN THE OPINION OF THE ENGINEER, THE CONTRACTOR IS NOT DILIGENTLY PURSUING THE CONSTRUCTION IN THOSE AREAS. THE ENGINEER MAY REQUIRE THE CONTRACTOR TO CHANGE HIS WORK SCHEDULE TO EXPEDITE COMPLETION IN THOSE AREAS OF CONCERN.

- THE CONTRACTOR MAY REQUEST TO ALTER THE TRAFFIC CONTROL PLAN, BUT ANY REQUESTS MAY BE SUBMITTED TO THE ENGINEER IN WRITING. IF THE REQUEST FOR A CHANGE IN THE TRAFFIC CONTROL IS EXTENSIVE, THE ENGINEER MAY REQUIRE THE CONTRACTOR TO PROVIDE PLAN SHEET REVISIONS OUTLINING HIS CHANGE. THESE PLAN SHEET REVISIONS WILL BE PROVIDED BY THE CONTRACTOR AT HIS OWN EXPENSE. ANY CHANGES TO THE TRAFFIC CONTROL PLAN WILL BE SUBJECT TO THE ENGINEER'S WRITTEN APPROVAL.

- FLASHING WARNING LIGHTS AND/OR FLAGS SHALL BE USED TO CALL ATTENTION TO THE EARLY WARNING SIGNS.

- STEADY BURN (TY D) WARNING LIGHTS SHALL BE USED TO MARK CHANNELIZING DEVICES AT NIGHT AS NEEDED.

- ADDITIONAL SIGNS, BARRICADES, AND/OR OTHER CHANNELIZING DEVICES MAY BE REQUIRED AND/OR ADJUSTED AS DIRECTED BY THE ENGINEER.

- WHEN CONSTRUCTION OPERATIONS RESULT IN DROP OF MORE THAN 2 INCHES NEXT TO TRAVEL WAY A 3:1 SLOPE AND 4.0 FEET BUFFER ZONE WILL BE REQUIRED DURING NON WORKING HOURS.

- FOR POSTED SPEEDS EXCEEDING 30 MPH, ADVISORY SPEED SIGNS WITH APPROPRIATE WARNING SIGNS, SHALL BE POSTED IN THE VICINITY SPECIFIC WORK ZONES WITH THE PROJECT LIMITS, UNLESS OTHER SIDE DIRECTED BY THE ENGINEER.

- LENGTH AND SPACING OF CHANNELIZING DEVICES SHALL BE AS SHOWN ON THE BC STANDARDS AND THE "T.M.U.T.C.D." OTHER SIGNS MAY BE USED IN ADDITION TO THOSE REQUIRED BY BARRICADE STANDARDS.

- ALL WORK SHALL BE DONE EXPEDITIOUSLY DURING DAYLIGHT HOURS, OR AS DIRECTED BY THE ENGINEER. NECESSARY FLAGGERS AND APPROPRIATE SIGNING TO SAFELY GUIDE TRAFFIC THROUGH THE WORK AREA WILL BE REQUIRED AS DIRECTED BY THE ENGINEER.

- REFER TO STANDARD TRAFFIC CONTROL SHEETS FOR OTHER PERTINENT INFORMATION NOT SHOWN.

- WORK BEYOND THE PROJECT LIMITS WILL BE PERMITTED PROVIDED DRUMS ARE INSTALLED AS PER TRAFFIC CONTROL BARRIER DEVICES AND THE WORK DOES NOT CREATE A DROP OFF OF MORE THAN TWO (2) INCHES.

- CONTRACTOR TO USE A POWER BROOM FOR CLEANING ROADWAY AND TO MAINTAIN CLEAN AT ALL TIMES. THIS IS NOT A PAID ITEM.

- ROADWAY BARRELS TO BE USED WHEN WORKING OUTSIDE OF THE ROADWAY AS TO DELINEATE THE WORK AREA.

- CROSSWALKS, STOP BARS AND OTHER AFFECTED TRAFFIC MARKINGS SHALL BE REPLACED BY THE CONTRACTOR AS NEEDED AT THE CONTRACTOR'S EXPENSE.

- A STORM WATER POLLUTION PREVENTION PLAN (SW3P_ IS NOT REQUIRED, DUE TO CONTRACTOR NEVER DISTURBING AREAS GREATER THAN AN 1-ACRE. THE CONTRACTOR WILL BE REQUIRED TO FOLLOW STORM WATER POLLUTION CONTROL AS PER SPECIFICATION 1570 AND PLANS.















TRAFFIC CONTROL NOTES (CONT'D):

- ACCESS TO MAIL BOXES SHALL BE PROVIDED AT ALL TIMES. ANY MAIL BOXES DAMAGED DURING CONSTRUCTION SHALL BE REPLACED AND SHALL BE AS PER TXDOT STANDARDS.

PAVING CONSTRUCTION NOTES:

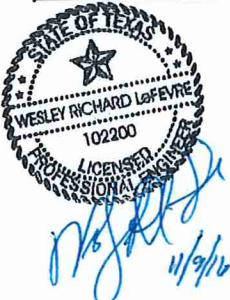
- HOT MIX ASPHALT CONCRETE TO BE IN ACCORDANCE WITH TXDOT SPECIFICATION TYPE "D" ITEM 340.
- SUBGRADE EXCAVATION, MIXING OF LIME, AND RECOMPACTION TO BE INCLUDED IN PRICE BID PER SQUARE YARD FOR "LIME TREATED SUBGRADE."
- CONTRACTOR TO FILL BEHIND CURBS AND WALKS AND SHAPE TO INSURE PROPER DRAINAGE.
- CONSTRUCTION JOINTS TO EXISTING PAVEMENT SHALL BE MADE BY EITHER CUTTING BACK EXISTING TO PRODUCE A SLIGHTLY BEVELED EDGE FOR THE FULL THICKNESS OF THE WEARING COURSE OR A SUITABLE LAP JOINT SHALL BE MADE. SAW CUTTING REQUIRED.
- NO TRAFFIC SHALL BE ALLOWED ON THE FINISHED WEARING SURFACE UNTIL AT LEAST 12 HOURS AFTER COMPLETION OF ROLLING.
- HOT MIX ASPHALT CONCRETE TRANSPORT TRUCKS TO BE EQUIPPED WITH CANVAS COVERS TO BE UTILIZED DURING MATERIAL HAULING. MATERIAL DELIVERED TO SITE AT IMPORPER TEMPERATURE SHALL BE REJECTED. HOT MIX SHALL BE LAID AT A MINIMUM TEMPERATURE OF 225°F.
- WHEN TYING INTO EXISTING CURB, EXPOSE REBAR AND FORM EXPANSION JOINT PER DETAIL SHEET.
- ANY SETTLEMENT UNDER PAVEMENT DUE TO INADEQUATE COMPACTION OF UTILITY LINE BACK FILL SHALL BE CAUSE FOR RECOMPACTION OF TRENCH AND REPLACEMENT OF PAVEMENT SECTION.
- EXISTING MANHOLES LOCATED ON ROADWAYS SHALL BE ADJUSTED TO THE PROPOSED GRADE. NO SEPARATE PAY.
- DEMOLITION, REMOVAL, & DISPOSAL OF ALL EXCESS CONCRETE, CURBS, REBAR, ETC. TO BE DONE IN A LEGAL MANNER AT CONTRACTOR'S EXPENSE.
- ALL MANHOLES AND/OR OTHER STRUCTURES TO BE ADJUSTED BY THE CONTRACTOR TO MEET FINAL GRADES, A MAXIMUM OF 18 INCHES OF THROAT RINGS WILL BE ALLOWED. (NO SEPARATE PAY)
- UPON COMPLETION OF CONSTRUCTION, CONTRACTOR SHALL RETURN THE SITE TO ORIGINAL CONTOURS UNLESS DIFFERENT FINISHED ELEVATIONS ARE SHOWN ON PLANS. CONTRACTOR TO ASSURE NO AREAS OF PONDING ARE PRESENT.

LEGEND

-  - RCP
-  - INLET
-  - POWER POLE
-  - GUY WIRE
-  - TEL. PEDESTAL
-  - SIGN
-  - GAS MARKER
-  - WATER METER
-  - WATER VALVE
-  - FIRE HYDRANT
-  - MAIL BOX
-  - CHAIN LINK FENCE
-  - CEDAR FENCE
-  - POWERLINE

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HIDALGO COUNTY PRECINCT 1
YVETTE CIRCLE
FEMA RD & DRAINAGE IMPROVEMENTS
GENERAL CONSTRUCTION NOTES

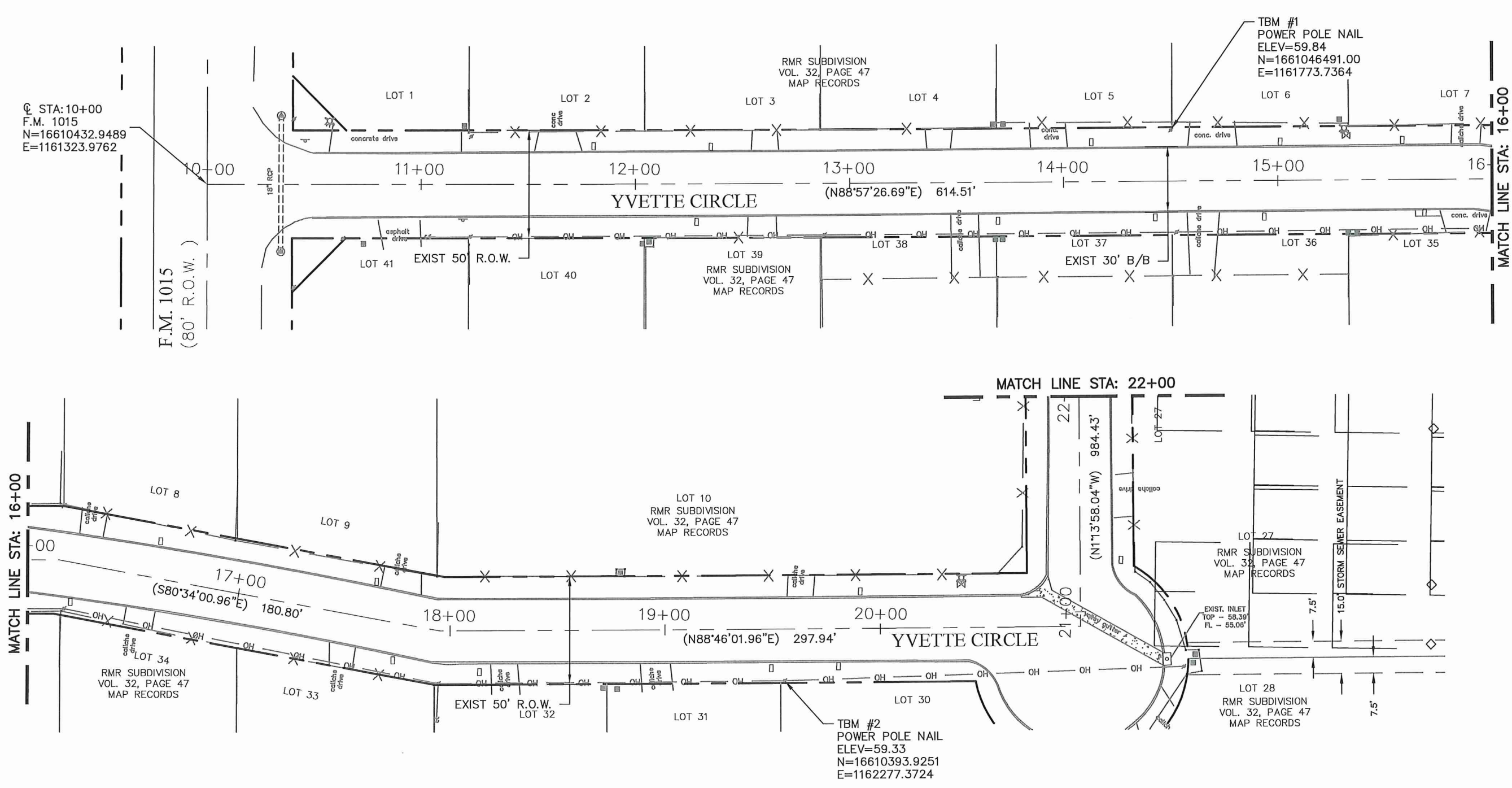


Civil Engineering
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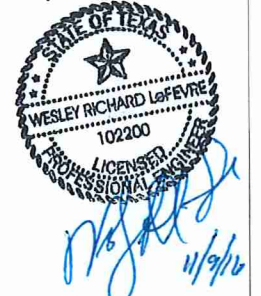


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HIDALGO COUNTY PRECINCT 1
YVETTE CIRCLE
 FEMA RD & DRAINAGE IMPROVEMENTS
SURVEY CONTROL PLAN
 SHEE 1 OF 2



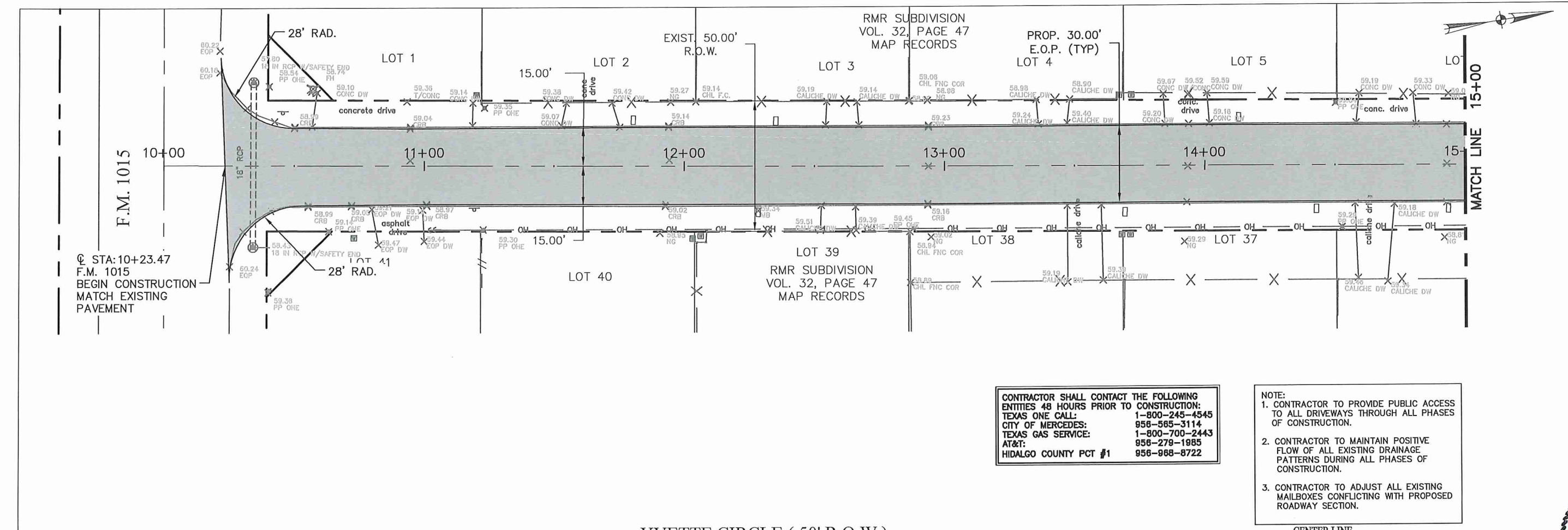
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 Fax: 281.687.5963

Texas Registered Engineering Firm E-11722

LEFEVRE
ENGINEERING &
MANAGEMENT CONSULTING, L.L.C.

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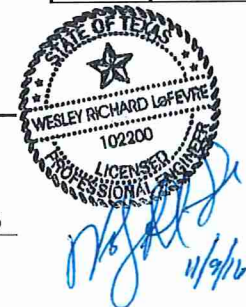
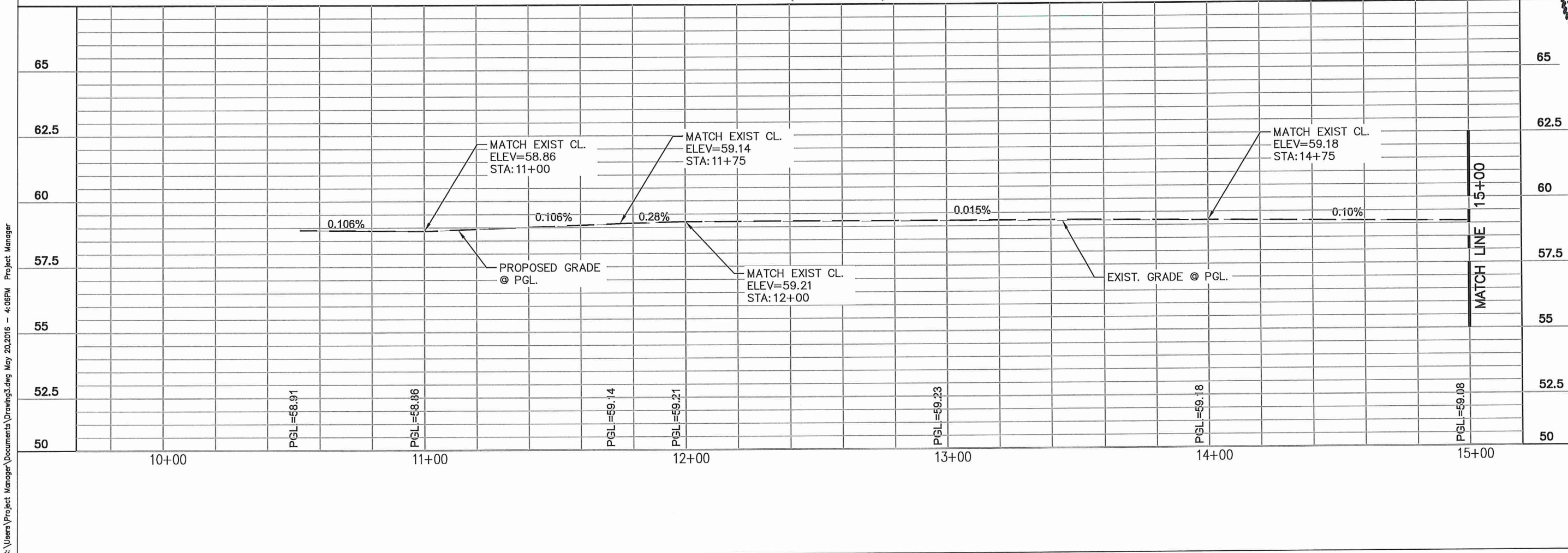
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 BEGIN CONSTRUCTION
 MATCH EXISTING
 PAVEMENT

CONTRACTOR SHALL CONTACT THE FOLLOWING ENTITIES 48 HOURS PRIOR TO CONSTRUCTION:
 TEXAS ONE CALL: 1-800-245-4545
 CITY OF MERCEDES: 956-565-3114
 TEXAS GAS SERVICE: 1-800-700-2443
 AT&T: 956-279-1985
 HIDALGO COUNTY PCT #1: 956-968-8722

- NOTE:**
- CONTRACTOR TO PROVIDE PUBLIC ACCESS TO ALL DRIVEWAYS THROUGH ALL PHASES OF CONSTRUCTION.
 - CONTRACTOR TO MAINTAIN POSITIVE FLOW OF ALL EXISTING DRAINAGE PATTERNS DURING ALL PHASES OF CONSTRUCTION.
 - CONTRACTOR TO ADJUST ALL EXISTING MAILBOXES CONFLICTING WITH PROPOSED ROADWAY SECTION.

HIDALGO COUNTY PRECINCT 1
YVETTE CIRCLE
 FEMA RD & DRAINAGE IMPROVEMENTS
 PLAN AND PROFILE SHEET
 STA. 10+00 TO 15+00

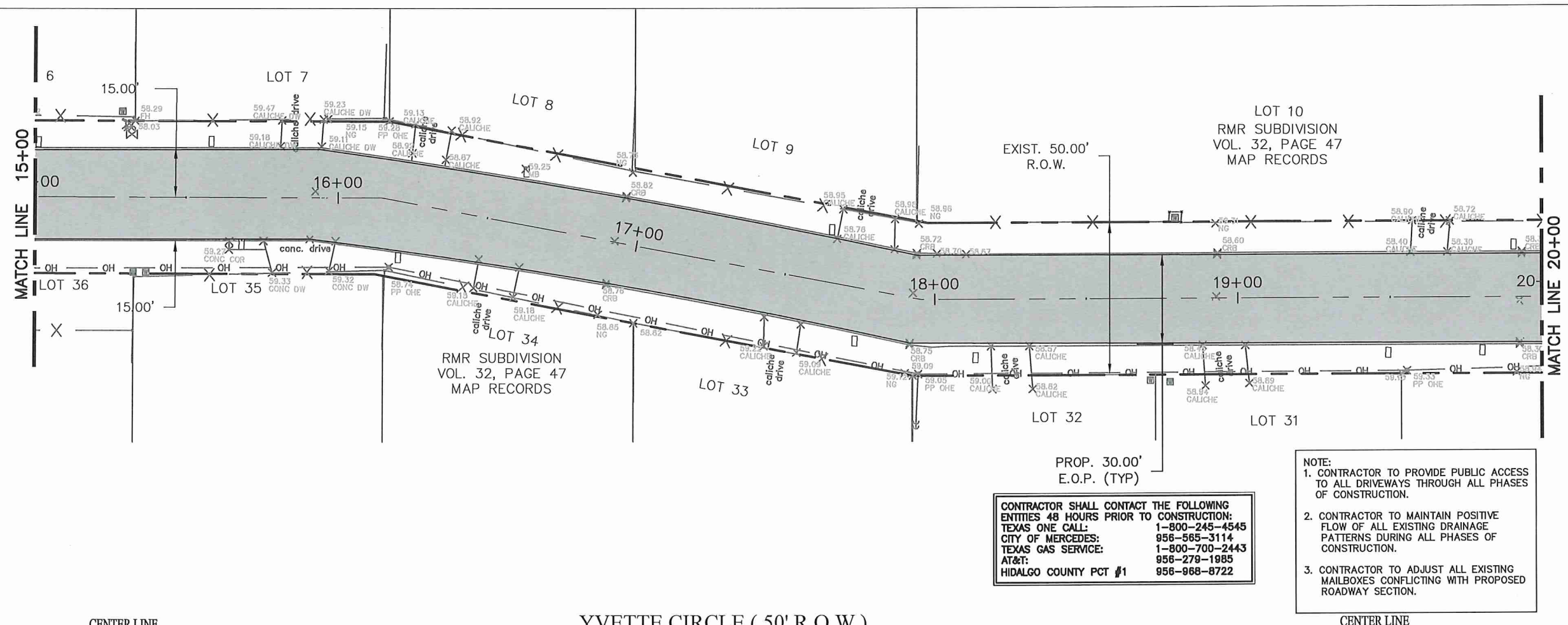
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Civil Engineering
 Environmental Engineering
 Planning
 Project Management

LEFEVRE
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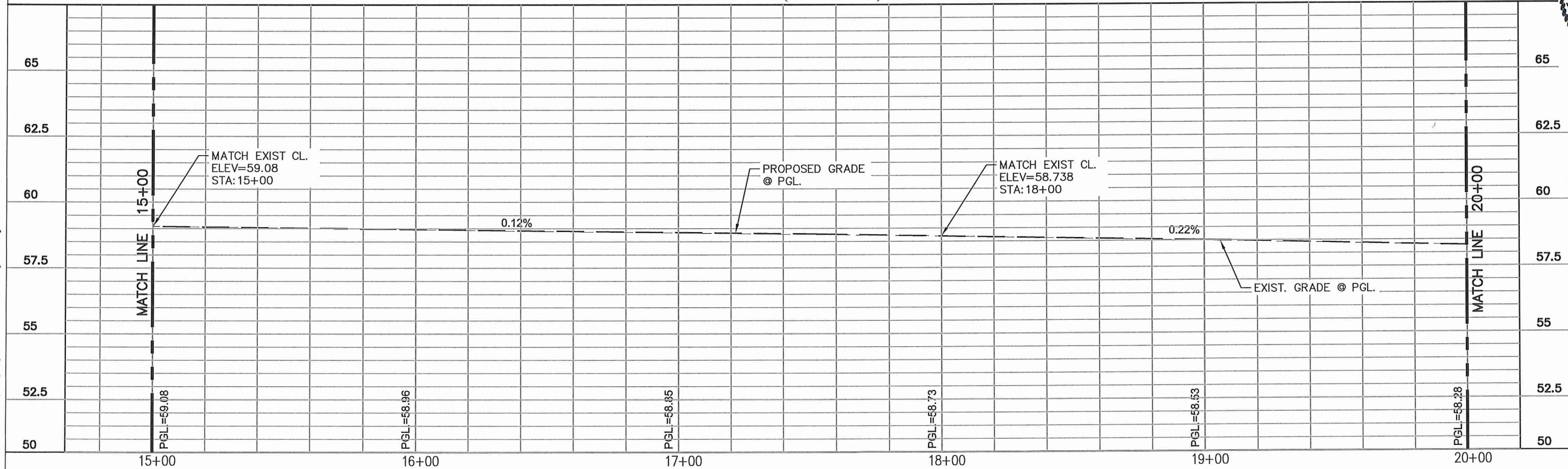
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 Sheet 5 of 10



CONTRACTOR SHALL CONTACT THE FOLLOWING ENTITIES 48 HOURS PRIOR TO CONSTRUCTION:
 TEXAS ONE CALL: 1-800-245-4545
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YVETTE CIRCLE (50' R.O.W.)



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HIDALGO COUNTY PRECINCT 1
 YVETTE CIRCLE
 FEMA RD & DRAINAGE IMPROVEMENTS

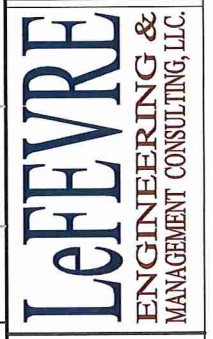
PLAN AND PROFILE SHEET
 STA. 15+00 TO 20+00



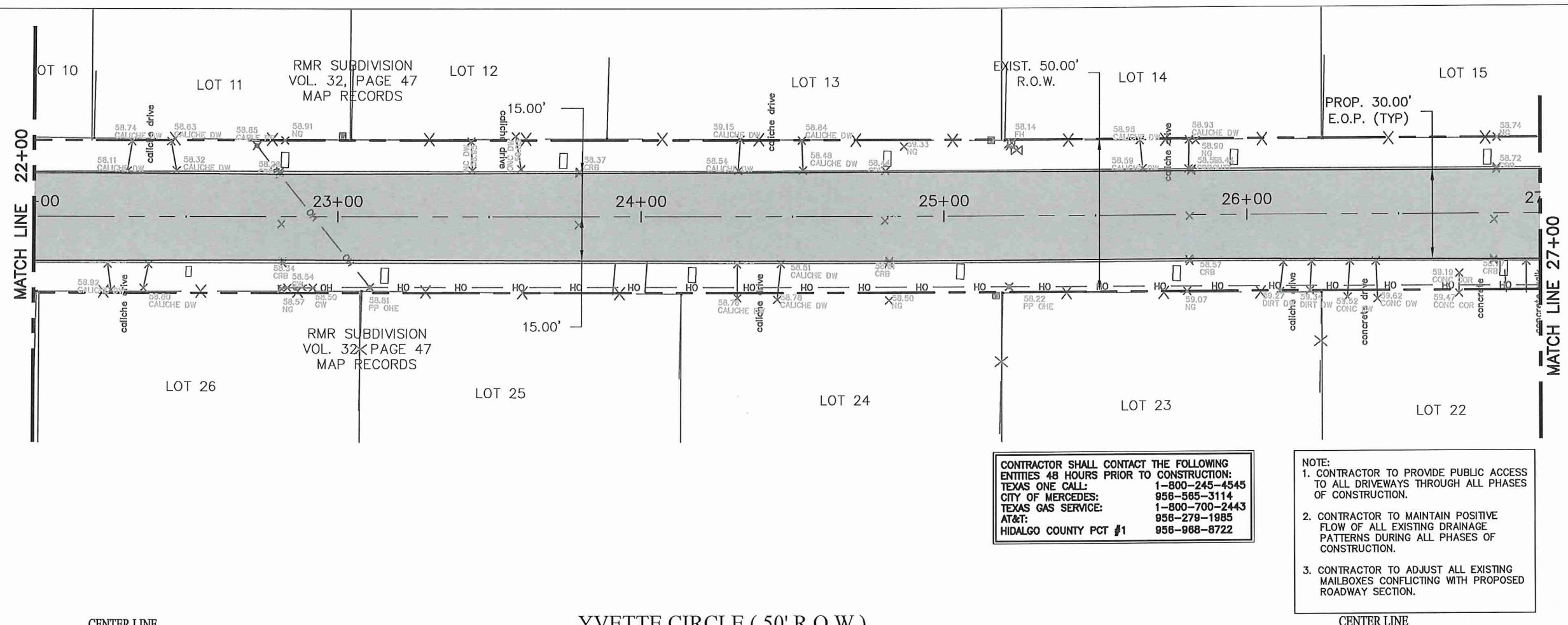
Civil Engineering
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 Fax. 956-687-5583

Texas Registered Engineering Firm F-11722



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 Sheet 6 of 10



CONTRACTOR SHALL CONTACT THE FOLLOWING ENTITIES 48 HOURS PRIOR TO CONSTRUCTION:

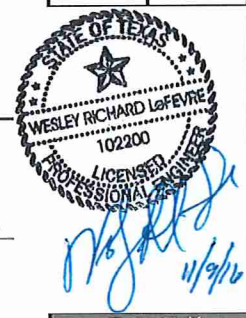
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HIDALGO COUNTY PRECINCT 1
 YVETTE CIRCLE
 FEMA RD & DRAINAGE IMPROVEMENTS

PLAN AND PROFILE SHEET
 STA. 22+00 TO 27+00



Civil Engineering
 Environmental Engineering
 Planning
 Project Management

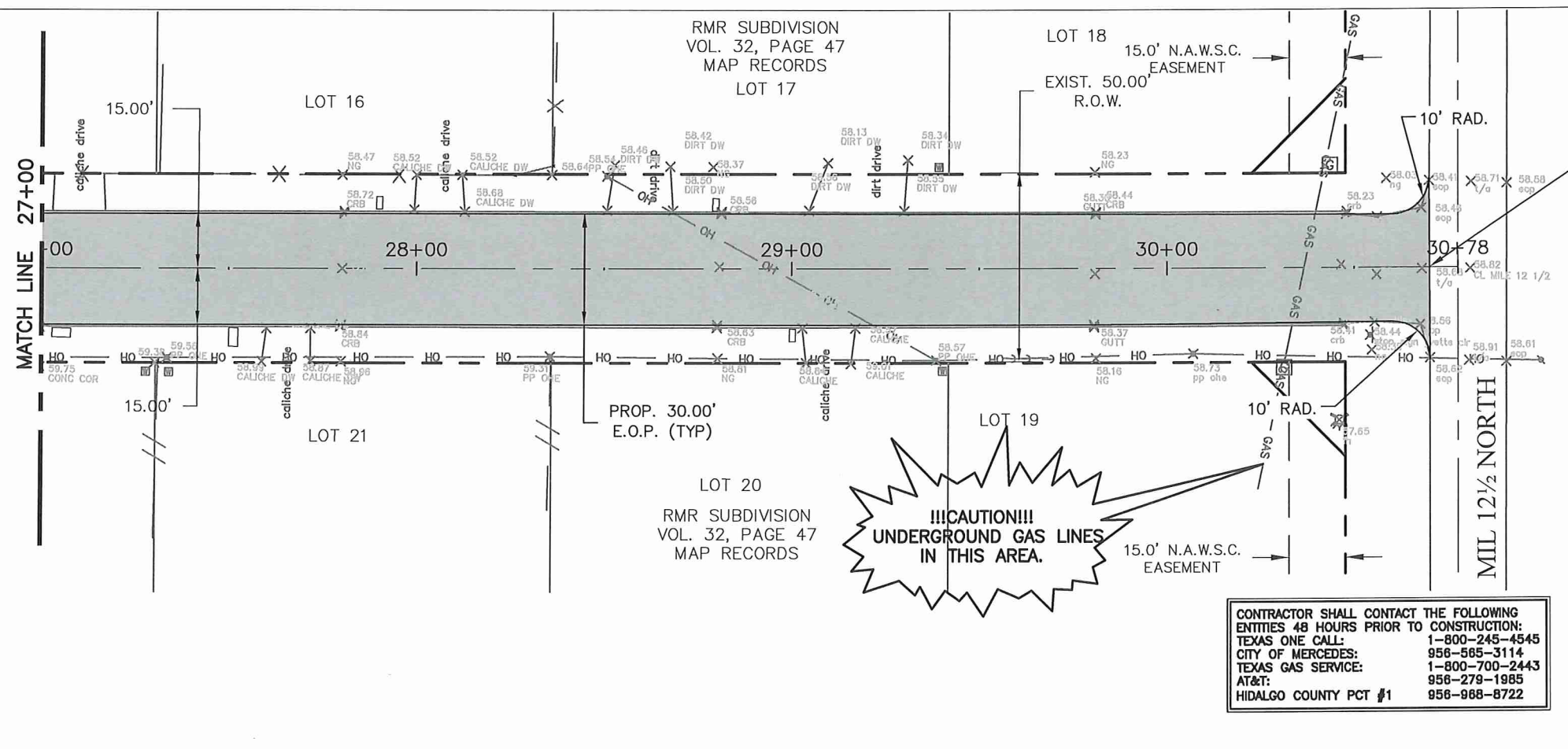
612 Nolana, Suite 5204
 Houston, TX 77057
 Tel: 956-887-1540
 Fax: 956-887-5583

Texas Registered Engineering Firm E-11722

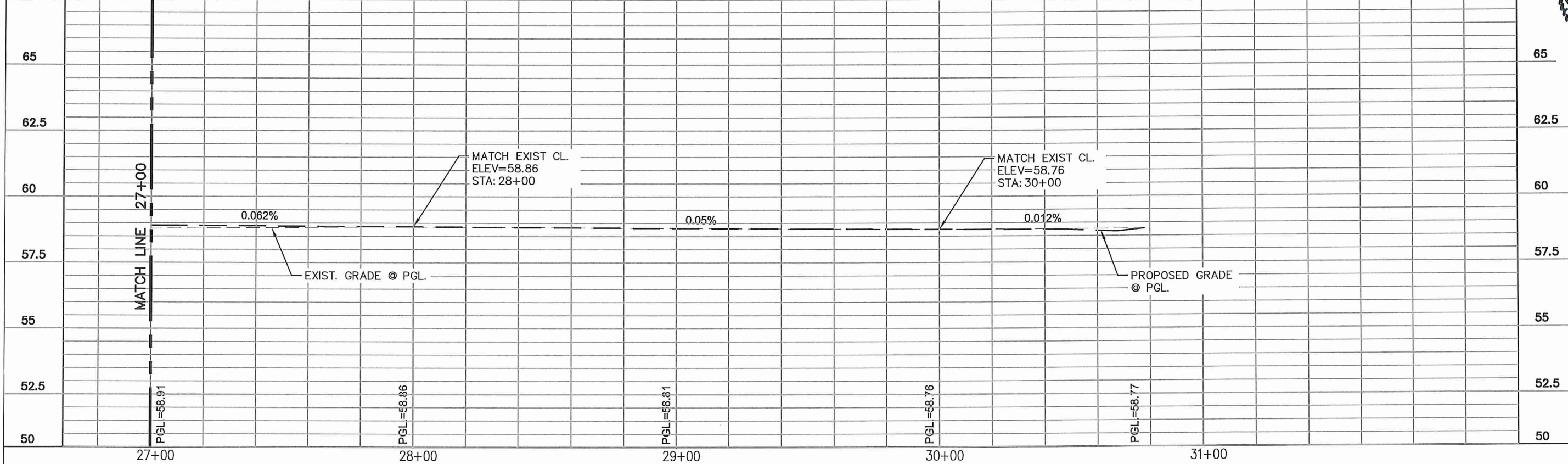


Drawn L.H.
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 Vert. 1:4
 Checked H.M.
 Date NOVEMBER, 2016
 Job No. P-203-03
 Sheet 8 of 10





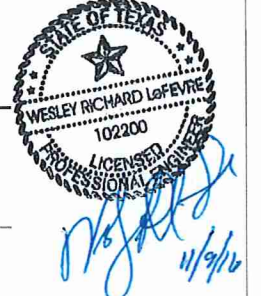
CENTER LINE YVETTE CIRCLE (50' R.O.W.) CENTER LINE



NO.	DATE	REVISION	APPROV.
1			
2			
3			
4			

HIDALGO COUNTY PRECINCT 1
 YVETTE CIRCLE
 FEMA RD & DRAINAGE IMPROVEMENTS

PLAN AND PROFILE SHEET
 STA. 27+00 TO 30+70.09



Civil Engineering
 Environmental Engineering
 Planning
 Project Management

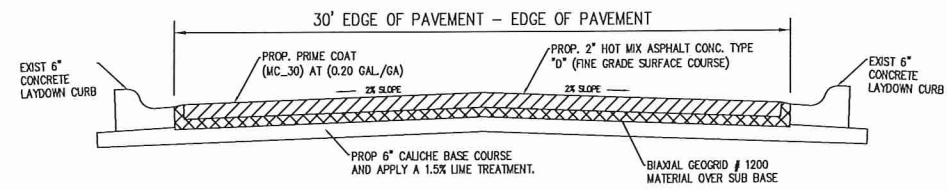
912 N. Main, Suite 204
 Merced, TX 75454
 Tel. 956.687.5834
 Fax. 956.687.5833

Texas Registered Engineering Firm F-11722

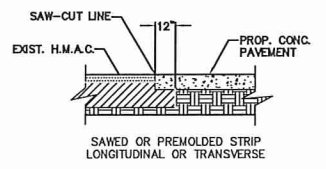


Drawn L.H.
 Scale Horz. 1:40
 Vert. 1:4
 Checked H.M.
 Date NOVEMBER, 2016
 Job No. P-203-03
 Sheet 9 of 10

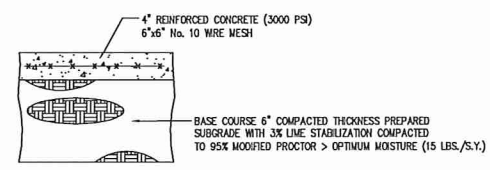
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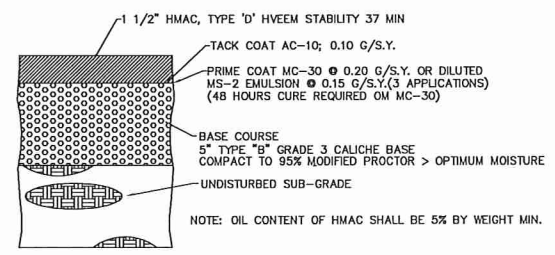
TYPICAL ROADWAY CROSS SECTION
SCALE: N.T.S.



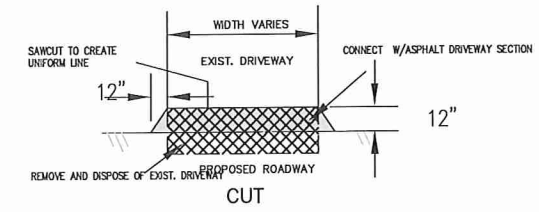
SAWCUT DETAIL (PROP. CONC.)
N.T.S.



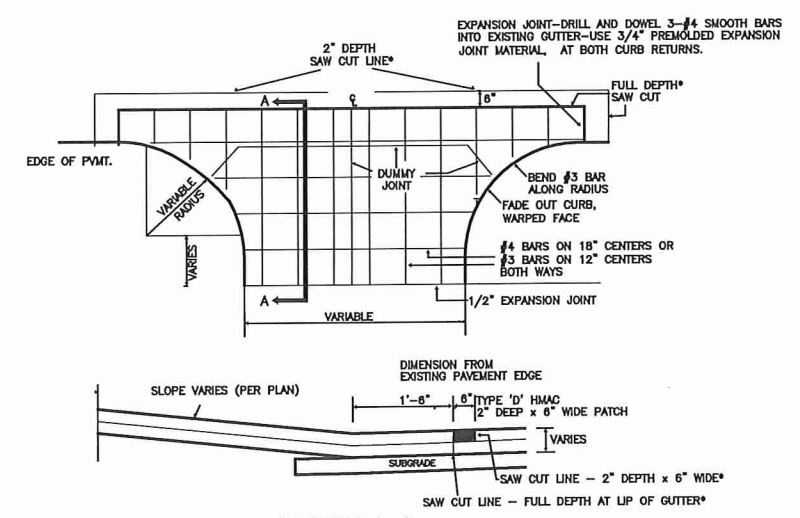
TYPICAL CONCRETE DRIVEWAY SECTION
N.T.S.



TYPICAL ASPHALT DRIVEWAY SECTION
N.T.S.



DRIVEWAY CONNECTION DETAIL
N.T.S.



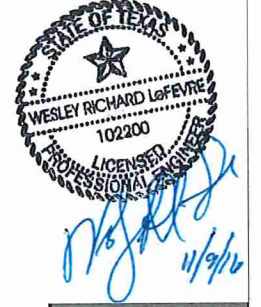
SECTION A-A
DRIVEWAY APPROACH DETAIL
N.T.S.

NOTES:

- ALL ENTRANCES CONSTRUCTED ON THIS PROJECT ARE SUBJECT TO CONCURRENCE WITH EXISTING GOVERNING REGULATIONS AS SET OUT BY THE STATE HIGHWAY COMMISSION.
- ENTRANCE'S BASE AND SURFACING MAY BE EXTENDED BEYOND R.O.W. LINE AS REQUIRED TO MEET EXISTING GRADE IN THE SATISFACTORY MANNER OF WHICH NO STEEPER THAN 12:1 SLOPE WILL BE CONSTRUCTED.
- ALL FLEXIBLE BASE USED FOR PRIVATE DRIVES & COMMERCIAL DRIVES WILL NOT REQUIRE LIME TREATMENT.
- EXACT LOCATIONS, DIMENSIONS, AND TYPE TO BE ESTABLISHED DURING CONSTRUCTION BY THE ENGINEER.
- SIDE DRAINS TO BE INSTALLED WITH A MINIMUM OF 6" COVER BY PROPOSED RESIDENTIAL & COMMERCIAL MATERIAL OR 15" COVER OF PROPOSED COUNTY RD. & CITY STREET ROADWAY MATERIAL.

NO.	DATE	REVISION	APPROV.
1			
2			
3			
4			

HIDALGO COUNTY PRECINCT 1
YVETTE CIRCLE
FEMA RD & DRAINAGE IMPROVEMENTS
DETAILS SHEET



Civil Engineering
Environmental Engineering
Planning
Project Management
612 Nolana, Suite 220
Houston, TX 77058
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Fax: 956.887.5563
Texas Registered Engineering Firm: E-11722



Drawn	L.H.
Scale	Horz. 1:40 Vert. 1:4
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Sheet	10 of 10