GENERAL NOTES:

- 1 CONTRACTOR SHALL CONTACT CITY OF JACINTO CITY AT (713) 453-7411 MR KYLE REED AT LEAST FORTY EIGHT (48) HOURS PRIOR TO CONSTRUCTION FOR NOTIFICATION OF
- 2. 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
- 3. CONTRACTOR TO MAKE ARRANGEMENTS WITH THE APPROPRIATE UTILITY COMPANY FOR SECURING POLES, IF NECESSARY, WHILE CONSTRUCTION PASSES BY POLES. COST OF SECURING POLES WILL BE PAID FOR BY THE CONTRACTOR.
- 4. CONSTRUCTION STAKING (ALIGNMENT AND GRADE) TO BE PROVIDED BY THE CONTRACTOR
- 5. CONTRACTOR TO USE CAUTION WHEN CROSSING ALL EXISTING FACILITIES. ANY DAMAGE TO BE REPAIRED AT THE CONTRACTORS EXPENSE WITH NO SEPARATE PAY.
- SURPLUS EXCAVATED MATERIAL SHALL BE REMOVED AND DISPOSED OFF SITE BY THE CONTRACTOR (NO SEPARATE PAY). IF THE CITY NOTIFIES THE CONTRACTOR THAT THE OWNER HAS USE FOR THIS MATERIAL, THE MATERIAL WILL BE HAULED TO A SITE AS DIRECTED BY THE OWNER WITHIN THE CITY. NO FILL SHALL BE PLACED WITHIN ANY FLOODPLAIN HAZARD AREA WITHOUT APPROVAL FROM THE CITY.
- 7. WHERE CONTRACTOR'S WORK AND/ OR EQUIPMENT CAUSES AN OBSTRUCTION TO TRAFFIC, CONTRACTOR SHALL PROVIDE AND INSTALL TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH PART IV OF THE "TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (TEXAS M.U.T.C.D., MOST RECENT EDITION AS REVISED) DURING CONSTRUCTION.
- 8. ALL WORK SHALL BE DONE IN ACCORDANCE WITH APPLICABLE LOCAL REQUIREMENTS.
- 9. CONTRACTOR SHALL PROTECT EXISTING FACILITIES DURING INSTALLATION OF PROPOSED
- 10. ALL WORK IN THE TEXAS DEPARTMENT OF TRANSPORTATION AND COUNTY RIGHT-OF-WAYS SHALL CONFORM TO THE STANDARDS OF THOSE GOVERNMENTAL ENTITIES. CONTRACTOR IS RESPONSIBLE FOR THE REPLACEMENT AND/ OR REPAIR OF ANY DAMAGE TO TXDOT
- 11. CONTRACTOR SHALL MAINTAIN DRAINAGE TO ORIGINAL OR BETTER CONDITION THROUGHOUT THE CONSTRUCTION OF THE PROJECT. NO SEPARATE PAY.
- 12. PAVED SURFACES SHALL BE PROTECTED FROM DAMAGE FROM TRACKED EQUIPMENT.
- 13. OBTAIN ALL PERMITS, NOT PROVIDED BY OWNER, PRIOR TO STARTING CONSTRUCTION.
- 14. CONTRACTOR TO MAINTAIN ACCESS FOR PROPERTY OWNERS, POST OFFICE VEHICLES, GARBAGE TRUCKS AND EMERGENCY VEHICLES AT ALL TIMES.
- BLOCKAGE OF DRIVEWAYS OR ENTERING OF UTILITY EASEMENTS.
- 16. PROPERTY OWNERS SHALL BE NOTIFIED, IN WRITING, BY CONTRACTOR, WITH DOOR HANGERS 2 WEEKS BEFORE CONSTRUCTION BEGINS. (PROPERTY OWNER SHALL BE PROVIDED THE MINIMUM FOLLOWING INFORMATION: WORK TO BE PERFORMED. STARTING AND ENDING DATES. AND THE NAME AND NUMBER OF CONTRACTOR'S REPRESENTATIVE & CITY OF JACINTO CITY OFFICIAL TO BE CONTACTED FOR QUESTIONS, WRITTEN NOTICES SHALL BE APPROVED BY THE CITY OF JACINTO CITY PRIOR TO DISTRIBUTION).
- 17. ALL ITEMS OF WORK REQUIRED LINDER THIS CONTRACT NOT SPECIFICALLY CALLED FOR IN THE PROPOSAL AS PAY ITEMS SHALL BE CONSIDERED INCIDENTAL TO VARIOUS BID ITEMS AND NO SEPARATE PAYMENT SHALL BE MADE FOR SAME.
- 18. ADJUST MANHOLE RINGS, VALVE BOXES, GRATES, ETC. AS REQUIRED FOR NEW PAVEMENT, AND/OR TO FINISHED GRADE OUTSIDE PAVEMENT.
- 19. ALL TRAFFIC SIGNS AND STRIPING SHALL CONFORM TO THE TEXAS MANUAL ON UNIFORM
- 20. IT IS IMPERATIVE THAT CONSTRUCTION IN PROJECT AREA INCONVENIENCE RESIDENTS AND BUSINESSES AS LITTLE AS POSSIBLE. COMPLETE CLEAN-UP NOT GREATER THAN ONE BLOCK BEHIND ACTIVE CONSTRUCTION AREA. CLEAN-UP INCLUDES COMPACTION OF BACKFILL, CLOSURE OF BORE PITS. RESHAPING OF DITCHES. SURFACE RESTORATION, REMOVAL OF ALL EXCESS EXCAVATED MATERIAL, REMOVAL OF EQUIPMENT AND CONSTRUCTION MATERIALS,
- 21. CONTRACTOR SHALL NOTIFY CITY OF JACINTO CITY AMBULANCE, POLICE, FIRE, MAIL, TRASH CONTRACTOR STALL MOTIFF OF THE MODEL OF THE MODIFF OF THE MALE, TRASH NO OTHER EMERGENCY SERVICE ACENCIES AT LEAST 48 HOURS PRIOR TO CLOSURE OF ANY STREET, INTERSECTION, OR LANE OF TRAFFIC. CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO ALLOW ACCESS TO EMERGENCY VEHICLES AT ALL TIMES.
- 22. CONTRACTOR TO CONTACT "DIG-TESS" AT 1-800-344-8377 AT LEAST 48 HOURS PRIOR O BEGINNING ANY CONSTRUCTION FOR LOCATION AND MARKING OF UNDERGROUND CABLE.
- 23. CONTRACTOR TO SAW-CUT FULL DEPTH ALL TIE-INS AND DRIVEWAY RECONNECTIONS FOR CLEAN EDGE THROUGHOUT ENTIRETY OF PROJECT AS DESIRED BY CITY. (NO EXTRA PAY)
- EXISTING DRIVEWAYS THAT ARE NOT SPECIFICALLY CALLED OUT TO BE REPLACED WITH CONCRETE SHALL BE RECONNECTED TO PROPOSED PAVEMENT AT LIKE CONDITIONS OR BETTER THAN BEFORE CONSTRUCTION BEGAN.
- 25. THE CONTRACTOR SHALL COORDINATE, MOVE, AND RELOCATE ALL EXISTING MAILBOXES, SIGNS, POLE, UTILITIES, ETC. THAT CONFLICT WITH THE CONSTRUCTION OF THE CONCRETE PAVING.

PAVEMENT NOTES:

- 1. THE PAVEMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH HARRIS COUNTY SPECIFICATIONS OR WHAT IS SHOWN ON EXHIBITS. WHICHEVER IS MORE STRINGENT SHALL BE FOLOWED.
- 2 TYPICAL ROADWAY SHALL BE 7-INCH REINFORCED CONCRETE PAVEMENT. THE CONCRETE SHOULD CONTAIN A MINIMUM OF 5.5 SACKS OF PORTLAND CEMENT PER CUBIC YARD OF CONCRETE AND A COMPRESSIVE STRENGTH OF 3500 PSI AT 28 DAYS UNLESS OTHERWISE NOTED.
- EXISTING SUBGRADE SHALL BE 8-INCH THICK LIME STABILIZED SUBGRADE BY DRY WEIGHT. THE EXACT PERCENTAGES WILL BE SPECIFIED AFTER SAMPLING THE ROUGH GRADED SITE AND RUNNING THE STABILIZATION TEST IN THE LABORATORY AND APPROVED BY THE GEOTECHNICAL ENGINEER.
- 4. ALL REINFORCEMENT STEEL TO BE No. 4 BARS, GRADE 60 STEEL.
- 5. CONTRACTOR TO USE APPROPRIATE SIZE REBAR CHAIRS IN ORDER TO CENTER THE REINFORCING IN THE
- 6. SHOULD ANY STRUCTURAL FILL BE REQUIRED TO RAISE THE GRADE IT SHOULD CONSIST OF LEAN CLAY OR SANDY LEAN CLAY WITH A LIQUID LIMIT LESS THAN 40 AND A PLASTICITY INDEX BETWEEN 10 AND 20. THE STRUCTURAL FILL SHOULD BE COMPACTED AT MOISTURE CONTENT WITHIN THREE PERCENT ABOVE OPTIMUM TO REDUCE SWELLING POTENTIAL OF THE COMPACTED FILL. THE FILL MATERIAL SHOULD BE PLACED IN LOOSE LIFTS NOT EXCEEDING EIGHT INCHES AND SHOULD BE COMPACTED TO A MINIMUM OF 95 PERCENT OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM DAGS. THE STRUCTURAL FILL PAD SHOULD EXTEND AT LEAST TWO FEET OUTSIDE THE PAVING AREA. THE SURFICIAL CLAY IS NOT SUITABLE FOR STRUCTURAL FILL UNLESS STABILIZED
- 7. TYPICAL PAVEMENT SECTIONS ARE SHOWN ON EXHIBIT 05.
- 8. CONTRACTOR TO COORDINATE ALL STREET CLOSURES AND TEMPORARY DETOURS WITH THE CITY OF JACINTO CITY.
- DOUBLE REFLECTORIZED BLUE TRAFFIC MARKERS SHALL BE PLACED 1 FOOT OFFSET OF THE CENTERLINE AT ALL
 FIRE HYDRANT LOCATIONS BY THE PAVING CONTRACTOR. HYDRANTS LOCATED AT INTERSECTIONS SHALL HAVE A BUTTON PLACED ON EACH STREET, NO SEPARATE PAY.
- 10. PROPOSED CURB REPLACEMENTS TO MATCH EXISTING DIMENSIONS AND REINFORCEMENT.

UTILITY NOTES

CAUTION: LINDETROBOUND CAS FACILITIES

LOCATIONS OF CENTERPONT DEBROY MAN LISES (TO INCLUDE CENTERPOINT ENERGY, INTRASTATE PIPELINE, LLC, WHERE APPLICABLE) ARE SHOWN IN APPROXIMATE LOCATION, ONLY SERVICE LINES ARE USUALLY NOT SHOWN, OUR SIGNATURE ON THESE PLANS ONLY INDICATES THAT OUR FACILITIES ARE SHOWN IN APPROXIMATE LOCATION, IT DOES NOT IMPLY THAT A CONFLICT ANALYSIS HAS BEEN MADE. THE CONTRACTOR SHALL CONTRACT THE UTILITY CORORISMITIES OF ANALYSIS AND SHOWN OF A HOURS PRIOR TO CONSTRUCTION TO HAVE MAIN

- WHEN CENTERPOINT ENERGY PIPELINE MARKINGS ARE NOT VISIBLE, CALL (713) 207-5463 OR (713) 945-8037 (7:00 A.M. TO 4:30 P.M.) FOR STATUS OF LINE LOCATION REQUEST BEFORE EXCAVATION BEGINS.

 WHEN EXCAVATING WITHIN EIGHTEEN INOHES (18") OF THE NOICATED LOCATION OF CENTERPOINT ENERGY FACILITIES, ALL EXCAVATION MUST BE ACCOMPLISHED USING NON-MECHANIZED EXCAVATION PROCEDURES.

 WHEN CENTERPOINT ENERGY FACILITIES ARE EXPOSED, SUFFICIENT SUPPORT MUST BE PROVIDED TO THE FACILITIES TO PREVENT EXCESSIVE CROSSES.

- FOR EMERGENCIES REGARDING GAS LINES CALL (713) 659–3552 OR (713) 207–4200.

THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY DAMAGES CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE THESE UNDERGROUND FACULTIES.

CAUTION: UNDERGROUND CABLE FACILITIES TELEPHONE AND TELEVISION CABLE EXISTS UN

TELEPHONE AND TELEVISION CABLE EXISTS UNDERGROUND THROUGHOUT THE PROPOSED PROJECT AREA. CONTRACTOR TO CONTACT "DIG-TESS" AT -800-344-8377 AT LEAST 48 HOURS PRIOR TO BEGINNING ANY CONSTRUCTION FOR LOCATION AND MARKING OF UNDERGROUND CABLE.

- CAUTION: AT&T TEXAS/SWRT FACILITIES

 1. THE LOCATIONS OF AT&T TEXAS/SWRT FACILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THIS FALURE TO EXACTLY LOCATE AND PRESERVE THESE UNDERGROUND UITLINES.
- 2. THE CONTRACTOR SHALL CALL 1-800-344-8377 A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION TO HAVE UNDERGROUND LINES FIELD
- 3. WHEN EXCAVATING WITHIN EIGHTEEN INCHES (18") OF THE INDICATED LOCATION OF AT&T TEXAS/SWBT FACILITIES, ALL EXCAVATIONS MUST BE ACCOMPUSHED USING NON-MECHANIZED EXCAVATION PROCEDURES. WHEN BORING, THE CONTRACTOR SHALL EXPOSE THE AT&T TEXAS/SWBT FACILITIES.
- 4. WHEN AT&T TEXAS/SWBT FACILITIES ARE EXPOSED, THE CONTRACTOR WILL PROVIDE SUPPORT TO PREVENT DAMAGE TO THE CONDUIT DUCTS OR CABLES. WHEN EXCAVATING NEAR TELEPHONE POLES THE CONTRACTOR SHALL BRACE THE POLE FOR SUPPORT.
- 5. THE PRESENCE OR ABSENCE OF AT&T TEXAS/SWBT UNDERGROUND CONDUIT FACILITIES OR BURIED CABLE FACILITIES SHOWN ON THESE PLANS DOES NOT MEAN THAT THERE ARE NO DIRECT BURIED CABLES OR OTHER CABLES IN CONDUIT IN THE AREA.
- 6. PLEASE CONTACT THE ATA-T TEXAS DAMAGE PREVENTION MANAGER MR. ROOSEVELT LEE JR. AT (713) 567-4552 OR EMAIL AT

WARNING OVERHEAD ELECTRIC FACILITIES

OVERHEAD LINES MAY EXIST ON THE PROPERTY. THE LOCATION OF OVERHEAD LINES HAS NOT BEEN SHOWN ON THESE DRAWINGS AS THE LINES

ARE CLEARLY WISHE, BUT YOU SHOULD LOCATE THEM PRIOR TO BEGINNING ANY CONSTRUCTION. TEXAS LAW, SECTION 752, HEALTH & SAFETY

CODE, FORBIDS ACTIVITIES THAT OCCUR IN CLOSE PROXIMITY TO HIGH VOLTAGE LINES, SPECIFICALLY.

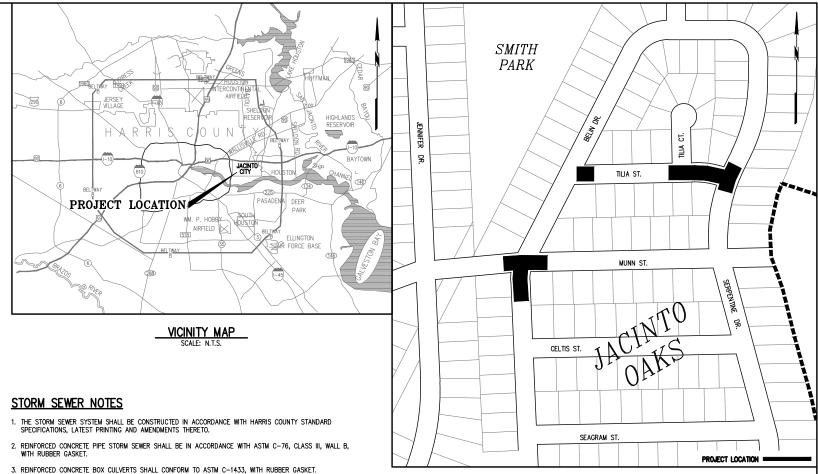
ANY ACTIVITY WHERE PERSON OR THINGS MAY COME WITHIN SIX (6) FEET OF LIVE OVERHEAD HIGH VOLTAGE LINES; AND
OPERATING A CRANE, DERRICK, POWER SHOVEL, DRILLING RIG, PILE DRIVER, HOISTING EQUIPMENT, OR SIMILAR APPARATUS WITHIN 10 FEET
OF LIVE OVERHEAD HIGH VOLTAGE LINES

PARTIES RESPONSIBLE FOR THE WORK, INCLUDING CONTRACTORS, ARE LEGALLY RESPONSIBLE FOR THE SAFETY OF CONSTRUCTION WORKERS UNDER THIS LAW. THIS LAW CARRIES BOTH CRIMINAL AND CIVIL LIABILITY. TO ARRANGE FOR LINES TO BE TURNED OFF OR REMOVED CALL CENTERPOINT ENERGY AT (713) 207–2222.

<u>activities on or across centerpoint energy fee or easement property</u>

No approval to use, cross or occupy centerpoint fee or easement property is given. If you need to use centerpoint property, PLEASE CONTACT OUR SURVEYING & RIGHT OF WAY DIVISION AT (713) 207-6348 OR (713) 207-5769

CAJIONE. LINDERGROUND PIPELINES.
UNDERGROUND PIPELINES ARE SHOWN ACCORDING TO BEST AVAILABLE INFORMATION. CONTRACTOR TO PROCEED WITH CAUTION DURING EXCAVATION.
CONTRACTOR TO COORDINATE WITH PIPELINE OWNER IN CASE OF CONFLICTS OR QUESTIONS.



4. BEDDING AND BACKFILL SHALL CONFORM TO HARRIS COUNTY SPECIFICATIONS AND DETAILS ON EXHIBITS.

5. EXISTING EXCAVATED INLETS, CURB AND GUTTER SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND

6. CONTRACTOR TO MAINTAIN ADEQUATE DRAINAGE AT ALL TIMES AND SHALL RESHAPE AND REGRADE ANY

7. ALL UTILITIES SHALL BE INSTALLED PER COUNTY STANDARDS FOR UTILITIES UNDER PAVEMENT WHERE FUTURE

REMOVED FROM THE CONSTRUCTION SITE.

PAVEMENT IS PLANNED BY CITY.

DITCHES DISTURBED DURING CONSTRUCTION, AT NO SEPARATE PAY.

LOCATION MAP

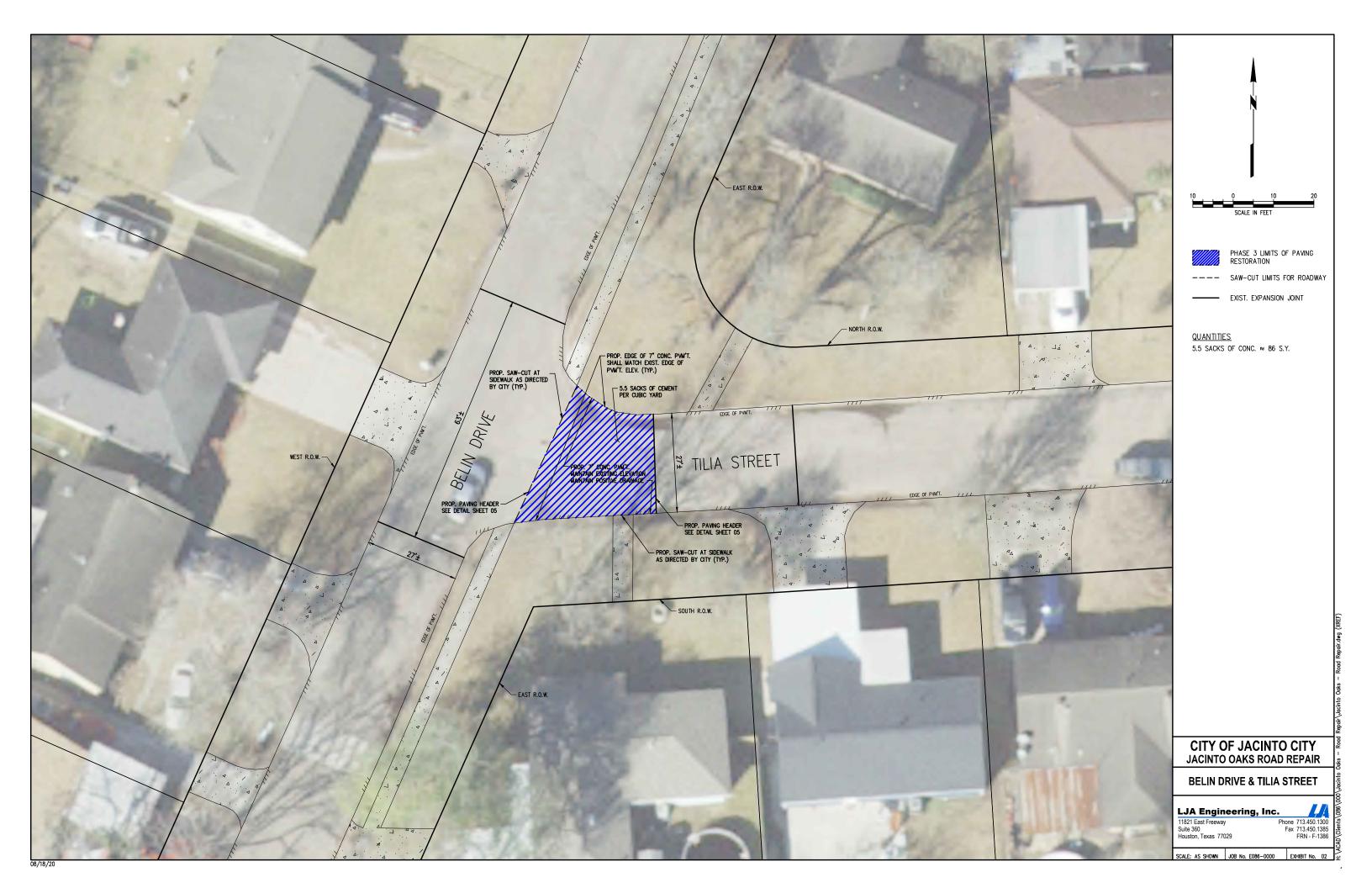
VICINITY MAP & GENERAL NOTES

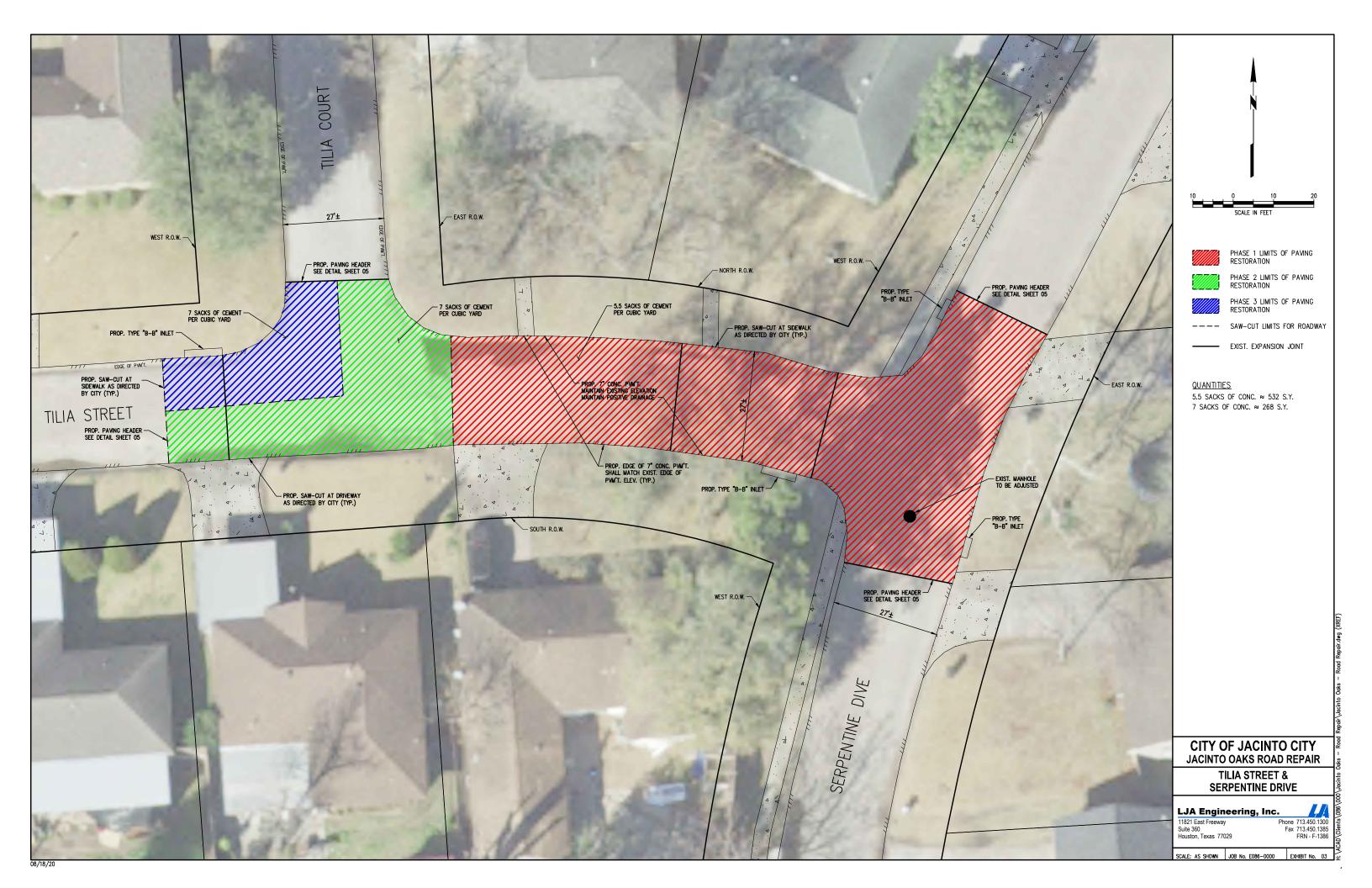
LJA Engineering, Inc. 11821 East Freeway Phone 713 450 1300 Fax 713.450.1385 Suite 360

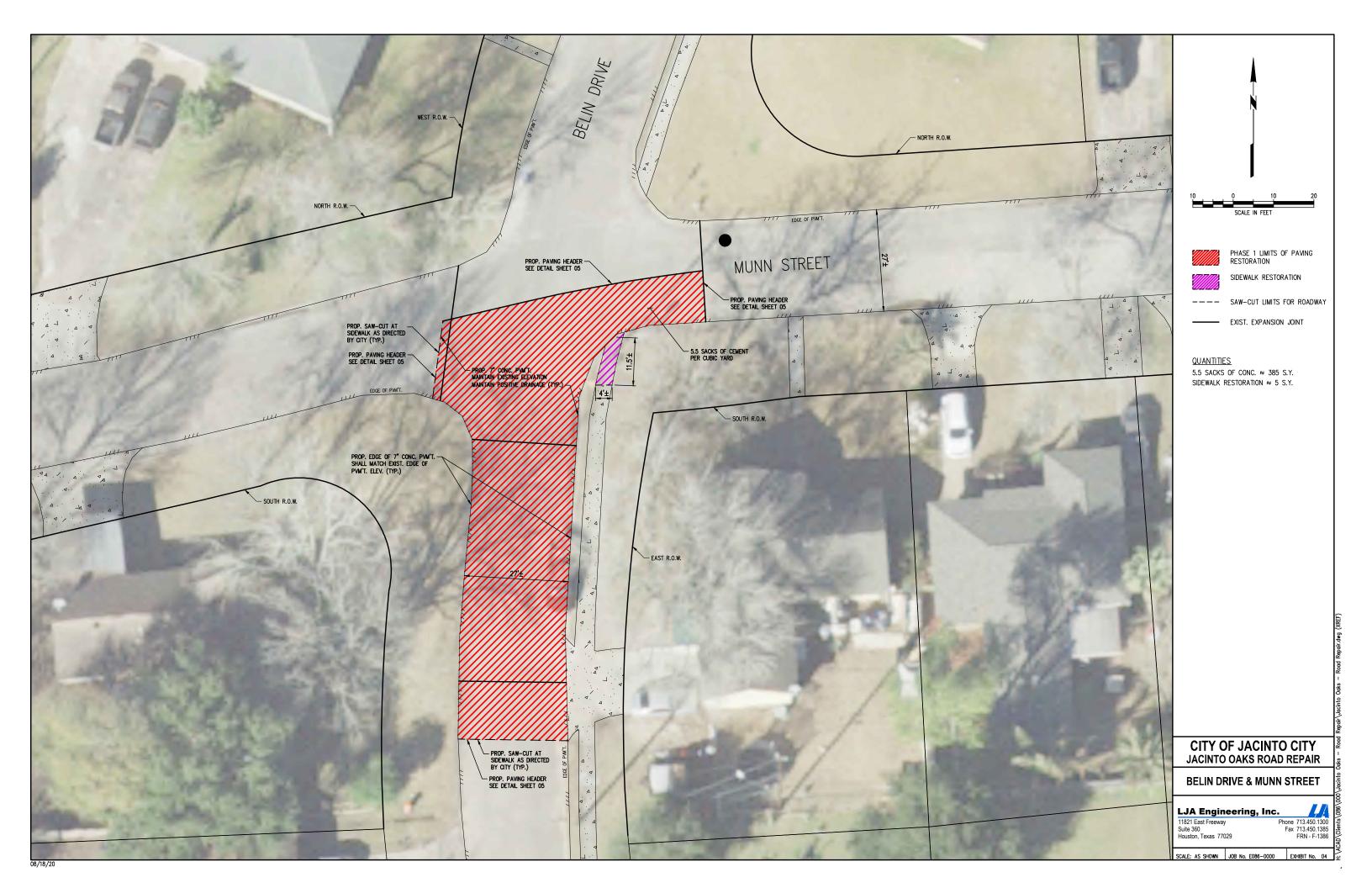
Houston, Texas 77029 FRN - F-1386

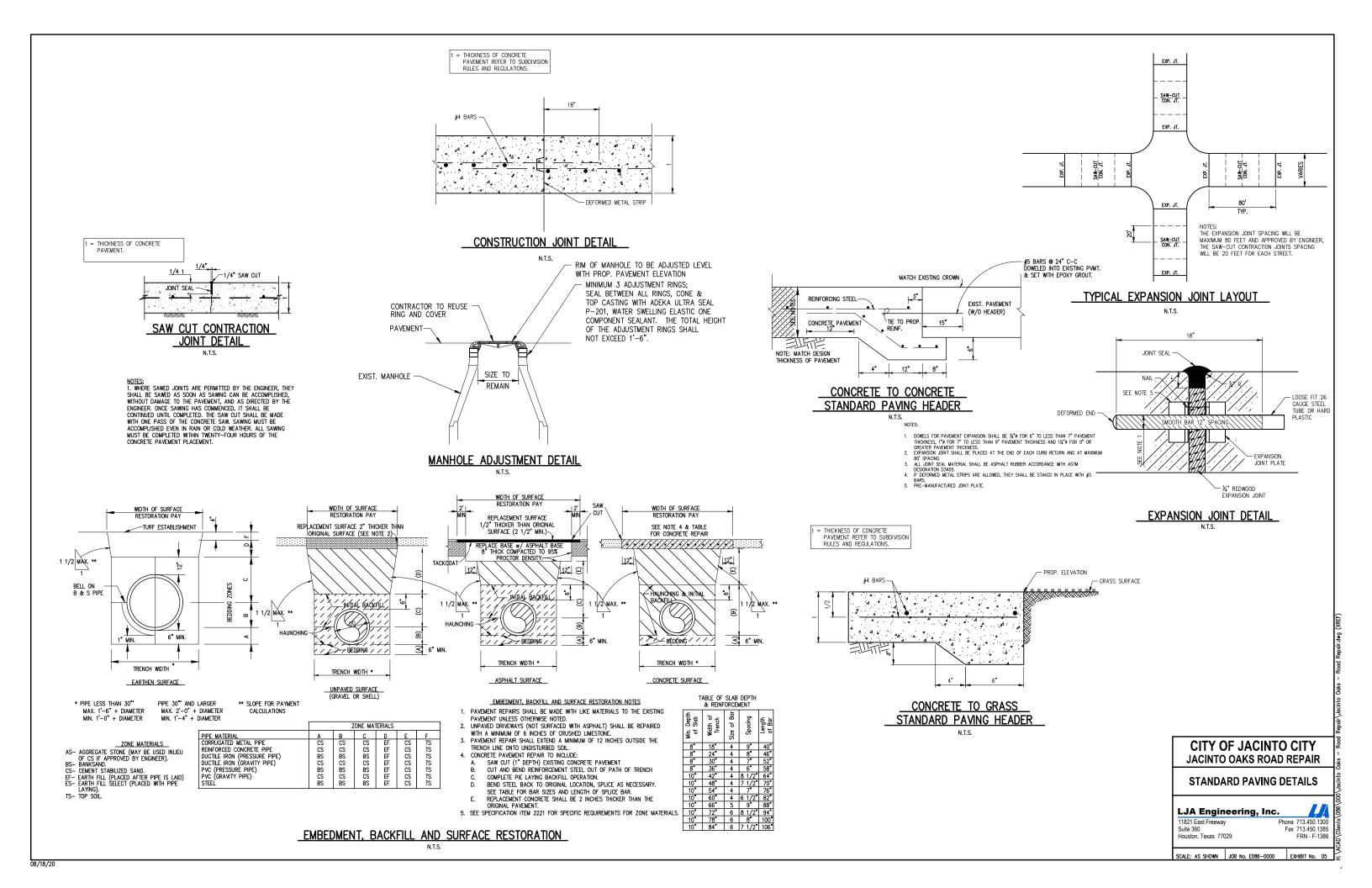
SCALE: AS SHOWN JOB No. E086-0000 EXHIBIT No. 01

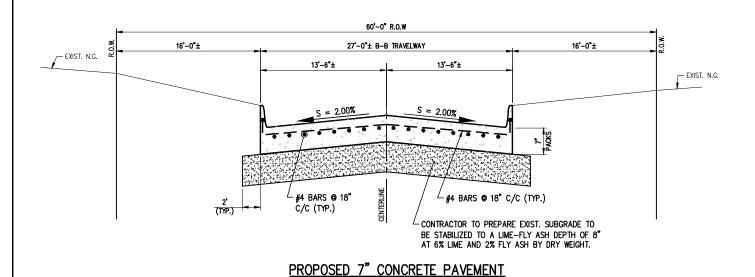
CITY OF JACINTO CITY **JACINTO OAKS ROAD REPAIR**

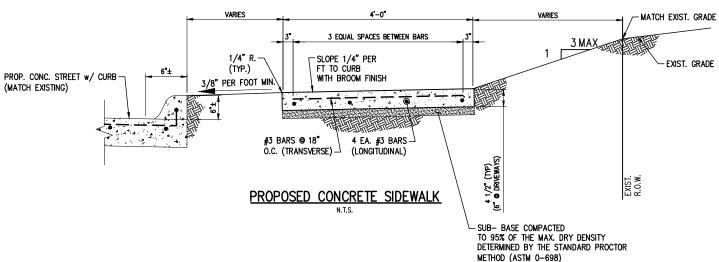


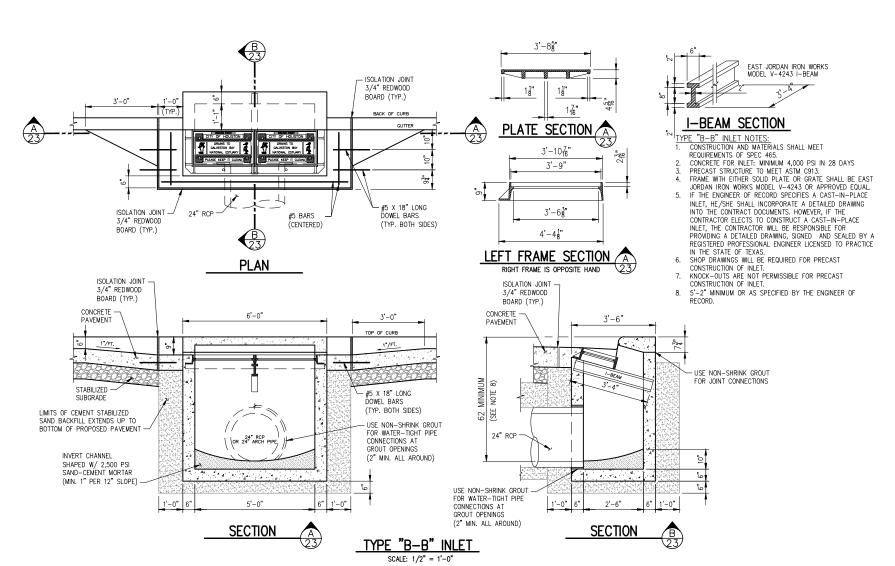


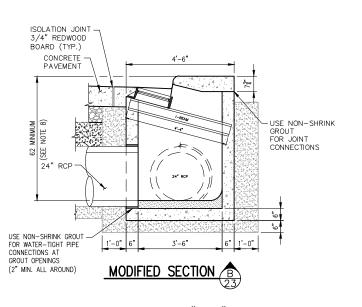












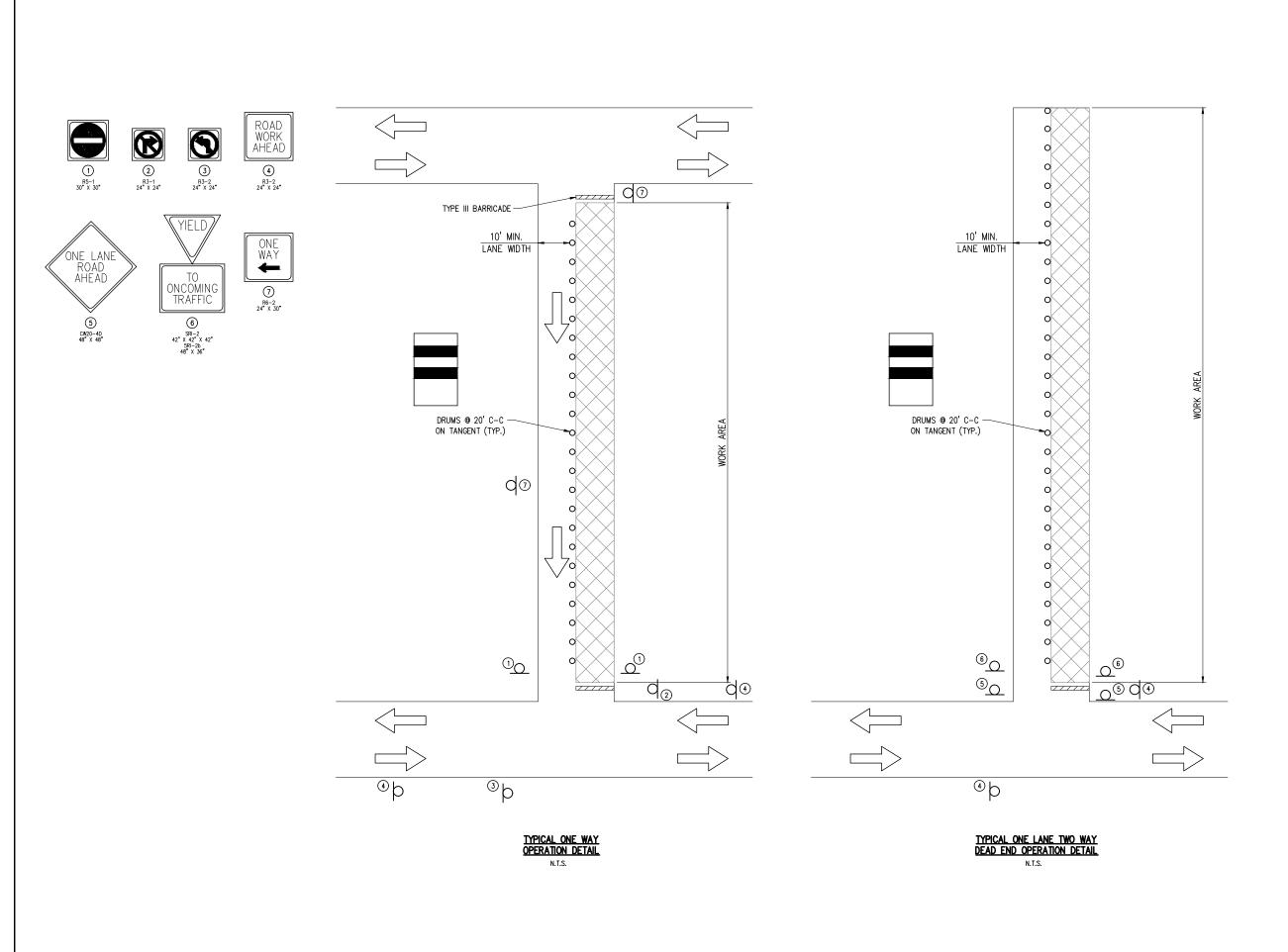
MODIFIED TYPE "B-B" INLET SCALE: 1/2" = 1'-0"



Phone 713.450.1300 Fax 713.450.1385 Houston, Texas 77029 FRN - F-1386

SCALE: AS SHOWN JOB No. E086-0000





NOTES:

- CONTRACTOR TO MAINTAIN ACCESS FOR PROPERTY OWNERS, POST OFFICE VEHICLES, GARBAGE TRUCKS
- OWNERS, POST OFFICE VEHICLES, CARBAGE IRCCRS
 AND EMERGENCY VEHICLES AT ALL TIMES.
 CONTRACTOR TO ONLY USE TWO WAY OPERATION AT
 DEAD END STREETS.
 CONTRACTOR TO USE FLAGMAN FOR THE DURATION OF
 CONSTRUCTION. NO EXTRA PAY.

CITY OF JACINTO CITY JACINTO OAKS ROAD REPAIR

TRAFFIC CONTROL PLAN ONE WAY OPERATION

LJA Engineering, Inc.

11821 East Freeway Suite 360 Houston, Texas 77029

Phone 713.450.1300 Fax 713.450.1385 FRN - F-1386

SCALE: AS SHOWN JOB No. E086-0000