

82

REVIEW BY FORT BEND COUNTY COMMISSIONERS COURT

On this 13 day of NOVEMBER, 2012, Commissioners Court came on to be heard and reviewed the accompanying notice of CENTERPOINT ENERGY

Job Location GRAND PARKWAY [STATE HIGHWAY 99 WEST]

Dated 11/06/12 Bond No. 22001420, Permit No. 84238

to make use of certain Fort Bend County property subject to, "A Revised Order Regulating the Laying, Construction, Maintenance, and Repair of Buried Cables, Conduits, and Pole Lines, In, Under, Across or Along Roads, Streets, Highways, and Drainage Ditches in Fort Bend County, Texas, Under the Jurisdiction of the Commissioners Court of Fort Bend County, Texas," as passed by the Commissioners Court of Fort Bend County, Texas, date the 3rd day of August, 1987, recorded in Volume _____ of the Minutes of the Commissioners Court of Fort Bend County, Texas, to the extent that such order is not inconsistent with Article 1436a, Vernon's Texas Civil Statues. Upon Motion of Commissioner Meyers, seconded by Commissioner Morrison, duly put and carried, it is ORDERED, ADJUGED AND DECREED that said notice of said above purpose is hereby acknowledged by the Commissioners Court of Fort Bend County, Texas, and that said notice be placed on record according to the regulation order thereof.

Notes:

- 1. Evidence of review by the Commissioners Court must be kept on the job site and failure to do so constitutes grounds for job shutdown.
- 2. Written notices are required:
 - a. 48 hours in advance of construction start up, and
 - b. When construction is completed and ready for final inspection

Mail notices to: Permit Administrator
Fort Bend County Engineering
P.O. Box 1449
Rosenberg, Texas 77471
281-633-7500

- 3. This permit expires one (1) year from date of permit if construction has not commenced.

By [Signature]
County Engineer

By _____
Drainage District Engineer/Manager

Presented to Commissioners Court and approved.

Recorded in Volume 11-13-12 Minutes of Commissioners Court.

Clerk of Commissioners Court

By [Signature]
Deputy

**NOTICE OF PROPOSED CABLE, CONDUIT AND/OR POLE LINE ACTIVITY
IN, UNDER, ACROSS OR ALONG ROADS, STREETS, HIGHWAYS AND DRAINAGE DITCHES
IN FORT BEND COUNTY**

APPLICANT'S JOB NO. _____
 PERMIT No. 84238 PCT. No. 4
 BOND No. 22001420

Formal notice is hereby given that CenterPoint Energy
 proposes to lay, construct, maintain and/or repair cable, conduit and/or pole line, in, under,
 across, or along roads, streets, highways and drainage ditches in Fort Bend County, as follows:

In, Under, or Across Roads and/or Drainage Ditches

Road or Ditch Name	Distance & Direction From Nearest Intersection	Length of Crossing	Type of Construction			
			Bored	Jacked	Driven	Cased
SH 99	Approximately 700' west of Harlem Road	400'	Bored under roadway	:	:	:
:	:	:	:	:	:	:
:	:	:	:	:	:	:

Along Roads and/or Drainage Ditches

Road or Ditch Name	Distance & Direction From Nearest Intersection	To	Distance
:	:	:	:
:	:	:	:
:	:	:	:

General Description

CenterPoint Energy proposes to install an electrical duct bank under existing and proposed SH 99 west of Harlem Road. The construction will bore under existing frontage roads and trench across the future mainlanes. The crossing will replace an existing overhead crossing.

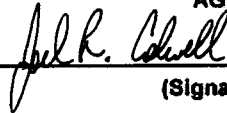
The Location and description of the proposed installation and appurtenances is more fully shown on the attached detail drawings. The laying, construction, maintenance and/or repair of the proposed installation shall be subject to "A Revised Order Regulating the Laying, Construction, Maintenance and/or Repair of Cables, Conduits, and/or Pole Lines, In, Under, Across, or Along Roads, Streets, Highways and Drainage Ditches in Fort Bend County, Texas, Under the Jurisdiction of the Commissioners Court of Fort Bend County, Texas," as passed by Commissioners Court of Fort Bend County, Texas, dated the 3rd. day of August, 1987, recorded in Volume 639 of the Minutes of the Commissioners Court of Fort Bend County, Texas.

Written notices are required: 1) 48 hours in advance of start of construction and
 2) when construction is complete and ready for final inspection.

Mail to: Permit Administrator/Fort Bend County Engineering
 P.O. Box 1449, Rosenberg, TX 77471.

Violation of requirements shall constitute grounds for job shut down.

COMPANY NAME: Midtown Engineers, LLC agent for CenterPoint Energy
 AGENT and/or OWNER



(Signature)

NAME & TITLE Joel R. Colwell, P.E. agent for CenterPoint Energy
 (Please Print)

DATE October 23, 2012

ADDRESS 5225 Katy Freeway, Suite 400
 (Street/P.O. Box)
 Houston TX 77007
 City State Zip

TELEPHONE NO: 713-862-8848
 (accessible 24 hrs/day, 7 days/week)

<p align="center">Does project comply with Fort Bend County Outdoor Lighting Ordinance?</p> <p>Yes () N/A No ()</p>

CenterPoint Energy

MAJOR UNDERGROUND ENGINEERING

UNDERGROUND DUCT BANK

STATE HIGHWAY 99

WEST OF HARLEM ROAD

I, JOEL R. COLWELL, P.E. HEREBY ACKNOWLEDGE THAT I REVIEWED THE NEW FLOOD HAZARD RECOVERY DATA AND USED THE MOST RESTRICTIVE INFORMATION FOR THE DESIGN OF THIS PROJECT.

NOTES:

1. THE INFORMATION SHOWN ON THESE DRAWINGS WAS OBTAINED FROM BROWN & GAY ENGINEERS. ALL INFORMATION CONCERNING TYPE AND LOCATION OF UNDERGROUND UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATIONS AS TO TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERE TO. THE CONTRACTOR SHALL VERIFY LOCATION OF UNDERGROUND PIPELINES, CONDUITS AND STRUCTURES BY CONTACTING OWNERS OF UNDERGROUND UTILITIES OR BY EXCAVATING IN ADVANCE OF CONSTRUCTION.
2. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL UTILITIES WHEN AND WHERE THEY FALL IN THE PATH OF CONSTRUCTION.
3. THE CONTRACTOR IS ALSO RESPONSIBLE FOR CONTACTING THE UTILITY COORDINATING COMMITTEE
 - 713-223-4567 AND TEXAS ONE CALL
 - 1-800-245-4545, FORTY-EIGHT (48) HOURS PRIOR TO ANY CONSTRUCTION.
4. ALL PROPOSED FACILITIES SHALL MAINTAIN 12" CLEAR FROM ALL PUBLIC AND PRIVATE UTILITIES.

AT&T TEXAS/SBC FACILITIES

1. THE LOCATIONS OF AT&T TEXAS/SBC FACILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR REMEDIATING ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THIS FAILURE TO EXACTLY LOCATE AND PRESERVE THESE UNDERGROUND UTILITIES.
2. THE CONTRACTOR SHALL CALL 1-800-344-8377 A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION TO HAVE UNDERGROUND LINES FIELD LOCATED.
3. WHEN EXCAVATING WITHIN EIGHTEEN INCHES (18") OF THE INDICATED LOCATION OF ANY SBC FACILITIES, OPERATIONS MUST BE ACCOMPLISHED USING NON-MECHANIZED EXCAVATION PROCEDURES. WHEN BOMBING, THE CONTRACTOR SHALL EXPOSE THE AT&T TEXAS/SBC FACILITIES.
4. WHEN AT&T TEXAS/SBC 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/SBC UNDERGROUND CONDUIT FACILITIES DOES NOT MEAN THAT THERE ARE NO DIRECT BURIED CABLES IN THE AREA FOLLOWING BURIED UNDERGROUND PROCEDURES TO LOCATE THE AT&T TEXAS/SBC DIRECT BUREAU FACILITIES. THE AT&T TEXAS RESEARCH AND SIGNATURE PROCESS FOR AT&T TEXAS/SBC FACILITIES.

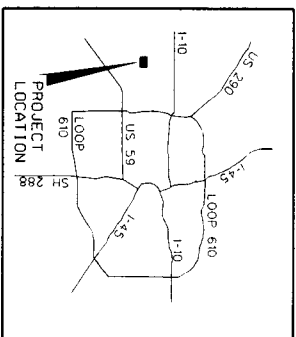
CAUTION: UNDERGROUND GAS FACILITIES

LOCATIONS OF CENTERPOINT ENERGY MAIN LINES (TO INCLUDE UNIT GAS TRANSMISSION AND /OR INDUSTRIAL GAS SUPPLY CORPORATION WHERE APPLICABLE) ARE SHOWN IN AN 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 CONTACT THE UTILITY COORDINATION COMMITTEE AT (713) 223-4567 OR 1-800-669-8344 A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION TO HAVE MAIN AND SERVICE LINES FIELD LOCATED

- WHEN CENTERPOINT ENERGY PIPE LINE MARKINGS ARE NOT VISIBLE, CALL (713) 967-8037 (7:00 A.M. TO 4:30 P.M.) FOR STATUS OF LINE LOCATION REQUEST BEFORE EXCAVATION BEGINS
 - WHEN EXCAVATING WITHIN (18") OF THE INDICATED 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 STRESS ON THE PIPING.
- THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY DAMAGES CAUSED BY HIS FAILURE TO EXACTLY LOCATED AND PRESERVE THESE UNDERGROUND FACILITIES.

WARNING: OVERHEAD ELECTRICAL FACILITIES

OVERHEAD LINES MAY EXIST ON THE PROPERTY. WE HAVE NOT ATTEMPTED TO MARK THOSE LINES SINCE THEY ARE USUALLY VISIBLE, BUT YOU SHOULD LOCATE THEM PRIOR TO BEGINNING ANY CONSTRUCTION. SECTION 732, HEALTH & SAFETY CODE, FORBIDS ALL ACTIVITIES IN WHICH PERSONS OR THINGS ARE WITHIN SIX (6) FEET OF LIVE OVERHEAD HIGH-VOLTAGE LINES. PARTIES RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF FACILITIES ARE RESPONSIBLE FOR THE SAFETY OF CONSTRUCTION WORKERS UNDER THESE PLANS. CABLES BOTH GROUND AND CIVIL LIABILITY TO ARRANGE FOR LINES TO BE TURNED OFF OR REMOVED CALL CENTERPOINT ENERGY AT (713) 207-7777



ONE CALL NOTIFICATION SYSTEM
CALL BEFORE YOU DIG!!!
(713) 223-4567 (IN HOUSTON)
(NEW STATEWIDE NUMBER OUTSIDE HOUSTON)
1-800-545-6005

VICINITY MAP
Not To Scale
KEY MAP No. 526-Y
ZIP CODE 77406, 77407
FIRM PANEL No.: 4857C0140L
DATE: APRIL 20, 2000
ZONE: X
CNP DRAWING NO. 12700000

GENERAL CONSTRUCTION NOTES:

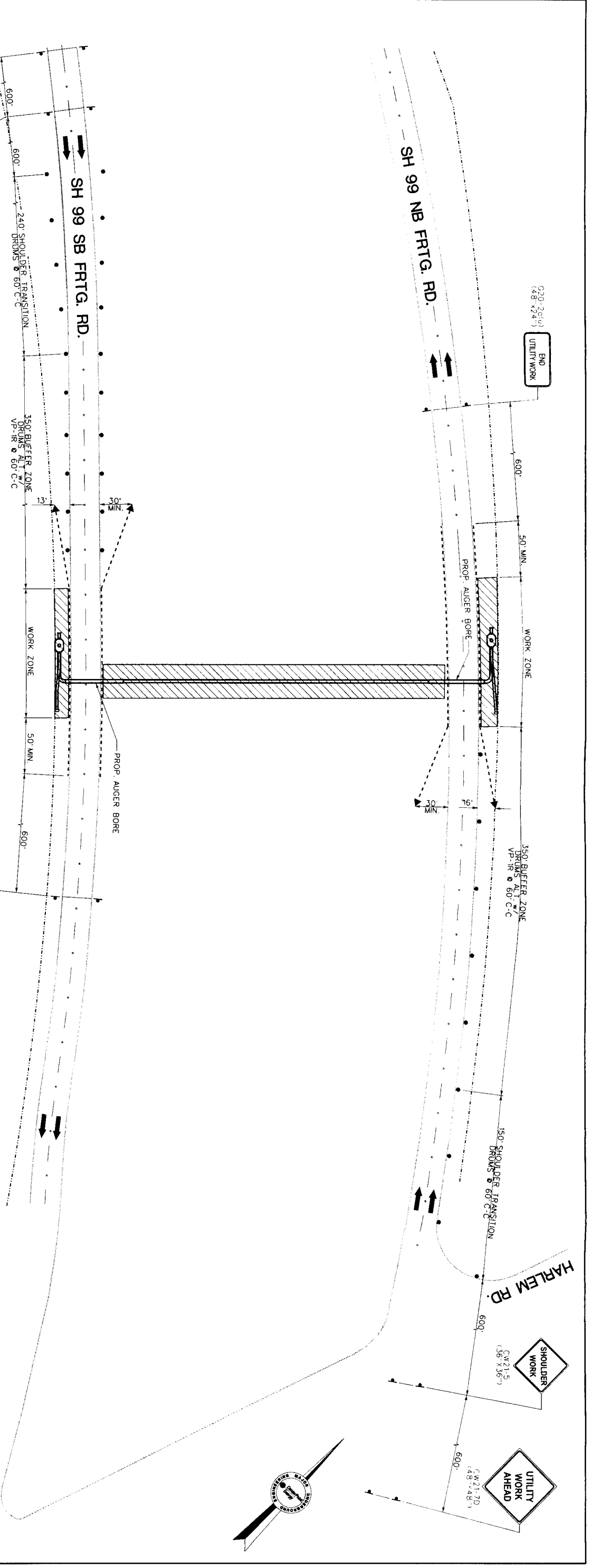
1. ALL UTILITIES PRESENTED ON THESE DRAWINGS ARE SHOWN BASED ON THE BEST AVAILABLE INFORMATION. CONTRACTOR SHALL VERIFY IN THE FIELD THE EXACT LOCATIONS PRIOR TO COMMENCING CONSTRUCTION. CONTRACTOR SHALL NOTIFY TEXAS ONE CALL AT (713) 223-4567 AT LEAST 48 HOURS BEFORE PROCEEDING WITH ANY EXCAVATION.
2. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY DAMAGES TO EXISTING WATER, WASTEWATER, STORM WATER LINES AND TRAFFIC CONTROL DEVICES. ALL DAMAGES SHALL BE REPAIRED IN ACCORDANCE WITH THE CITY OF HOUSTON, DEPARTMENT OF PUBLIC WORKS AND ENGINEERING'S "STANDARD CONSTRUCTION SPECIFICATIONS" REFERENCED ABOVE, AT NO COST TO THE FACILITY OWNER.
3. ADEQUATE DRAINAGE SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION AND ANY DRAINAGE DITCH OR STRUCTURE DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO THE SATISFACTION OF THE OWNING AUTHORITY.
4. CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO PROTECT ROOT SYSTEMS OF SHRUBS, PLANTS AND TREES ALONG THE AREA OF EXCAVATION.
5. THE CONTRACTOR SHALL COMPLY WITH THE LATEST EDITION OF OSHA REGULATIONS AND THE STATE OF TEXAS LAWS CONCERNING EXCAVATION.
6. IF THE CONSTRUCTION DOES NOT BEGIN WITHIN A YEAR AFTER THE PLANS HAVE BEEN SIGNED NEW SIGNATURES MUST BE OBTAINED AND LETTERS OF AVAILABILITY MUST BE UPDATED.

INDEX OF DRAWINGS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2-3	PLAN & PROFILE
4	TRAFFIC CONTROL PLANS
5	CONSTRUCTION DETAILS



5225 KATY FREEWAY, SUITE 400 HOUSTON, TX 77007
(713) 862-8848 TBPE No. F-8934



TRAFFIC CONTROL GENERAL NOTES:

1. CONTRACTOR SHALL PROVIDE AND INSTALL TRAFFIC CONTROL DEVICES IN CONFORMANCE WITH PART VI OF THE "TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES". (TEXAS MUTCD, MOST RECENT EDITION AS REVISED) DURING CONSTRUCTION.
2. WORKING HOURS SHALL BE COORDINATED WITH THE TEXAS DEPARTMENT OF TRANSPORTATION.
3. CONTRACTOR TO NOTIFY THE TEXAS DEPARTMENT OF TRANSPORTATION 48 HOURS BEFORE STARTING WORK IN STREET RIGHT-OF-WAY OR EASEMENTS.
4. IF THE CONTRACTOR CHOOSES TO USE A DIFFERENT METHOD OF "TRAFFIC CONTROL PLANS" DURING THE CONSTRUCTION THAN WHAT IS OUTLINED IN CONTRACT DRAWINGS, (SHE) SHALL BE RESPONSIBLE TO PREPARE AND SUBMIT AN ALTERNATE SET OF PLANS TO THE TEXAS DEPARTMENT OF TRANSPORTATION FOR APPROVAL TEN WORKING DAYS PRIOR TO IMPLEMENTATION.
5. THESE PLANS SHALL BE DRAWN TO SCALE ON REPRODUCIBLE MYLARS AND SEALED BY A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF TEXAS. PLANS WILL BECOME A PART OF THE CONTRACT DRAWINGS.
6. THE TRAFFIC CONTROL SIGNS, DEVICES, AND BARRICADES SHOWN ON THESE DRAWINGS CONSTITUTE MINIMUM REQUIREMENTS AND ARE NOT INTENDED TO COVER SPECIAL CIRCUMSTANCES OR OTHER CONDITIONS THAT MAY ARISE DUE TO UNFORESEEN FIELD CONDITIONS. THE CONTRACTOR SHALL PROVIDE ADDITIONAL SIGNS, BARRICADES, AND WARNING DEVICES TO WARN THE PUBLIC, PROVIDE FOR THE SAFE MOVEMENT OF TRAFFIC, AND PROVIDE FOR THE FULLY SATISFIED AS SHOWN HEREON.
7. THE CONTRACTOR SHALL MAINTAIN SAFE ACCESS (INGRESS AND EGRESS) TO ADJOINING PROPERTIES AT ALL TIMES.
8. CONTRACTOR SHALL INSURE THAT ALL BARRICADES, SIGNS, CHANNELIZING DEVICES, WARNING LIGHTS, AND TRAFFIC HANDLING DEVICES ARE MAINTAINED IN A CLEAN FUNCTIONAL CONDITION AT ALL TIMES.
9. APPROVED COPIES OF TRAFFIC CONTROL PLANS SHALL BE AVAILABLE FOR INSPECTION AT JOB SITE AT ALL TIMES.

LEGEND

- CONSTRUCTION AREA
- DRUMS OR CHEVRONS
- OPEN TRAFFIC LANE
- TYPE III BARRICADE
- FLASHING ARROW PANEL
- CONCRETE TRAFFIC BARRIER
- CTB SAFETY END TREATMENT

REV NO	DESCRIPTION	SEAL	APP'D	DATE

Midtown
ENGINEERS & ARCHITECTS, L.L.C.
5225 NATTY FREEMAN, SUITE 400 HOUSTON, TX 77007
(713) 862-8848 T88E NO. F-8834

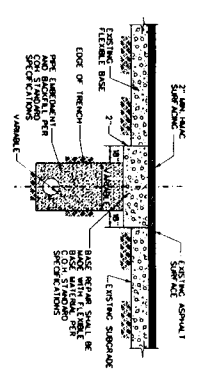
JOEL R. COLWELL
REGISTERED PROFESSIONAL ENGINEER
No. 07889

CenterPoint Energy
MAJOR UNDERGROUND ENGINEERING
TRAFFIC CONTROL PLAN

STATE HIGHWAY 99
WEST OF HARLEM ROAD

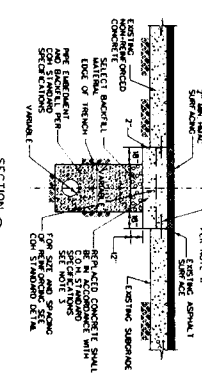
MIDTOWN ENGINEERS, L.L.C. EDWIN C. BERTSCH 20200 BOWEN, SUITE 100 HOUSTON, TX 77058 APPROVED	SCALE: HOR. "1"=40' SHEET NO. 4 OF 5 SHEETS	DATE: 10/23/2012	DWG. NO. 12700000
--	--	------------------	-------------------

CONSTRUCTION DETAILS

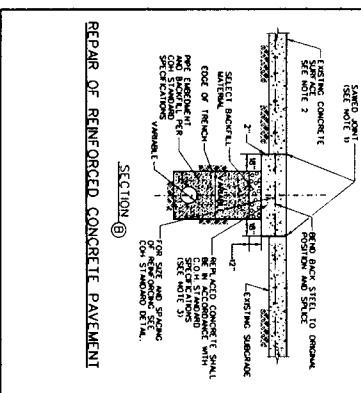


SECTION ①
REPAIR OF FLEXIBLE BASE PAVEMENT

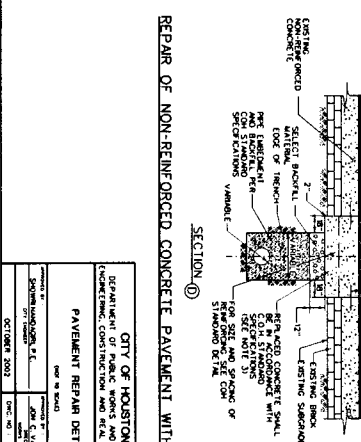
- NOTE:
- EXPOSE 12" OF REINFORCING STEEL AT PROPOSED SAVED JOINT. HORIZONTAL BARS SHALL BE 4 BARS 24" LONG, 24" C.C. SLOTTED AND SLOTTED OR ENJOINED THE CENTER OF THE EXISTING SLAB.
 - REINFORCED CONCRETE IS OVERLAPPED REPAIR WITH SAME THICKNESS OF BARS SPOPPING 12" MIN FOR FLEXIBLE BASE PAVEMENT.
 - CENTER REINFORCING IN SLAB THICKNESS.
 - REFER TO STANDARD DETAIL 02951-01 THROUGH 02951-10 FOR PAVEMENT P.



SECTION ②
REPAIR OF NON-REINFORCED CONCRETE PAVEMENT

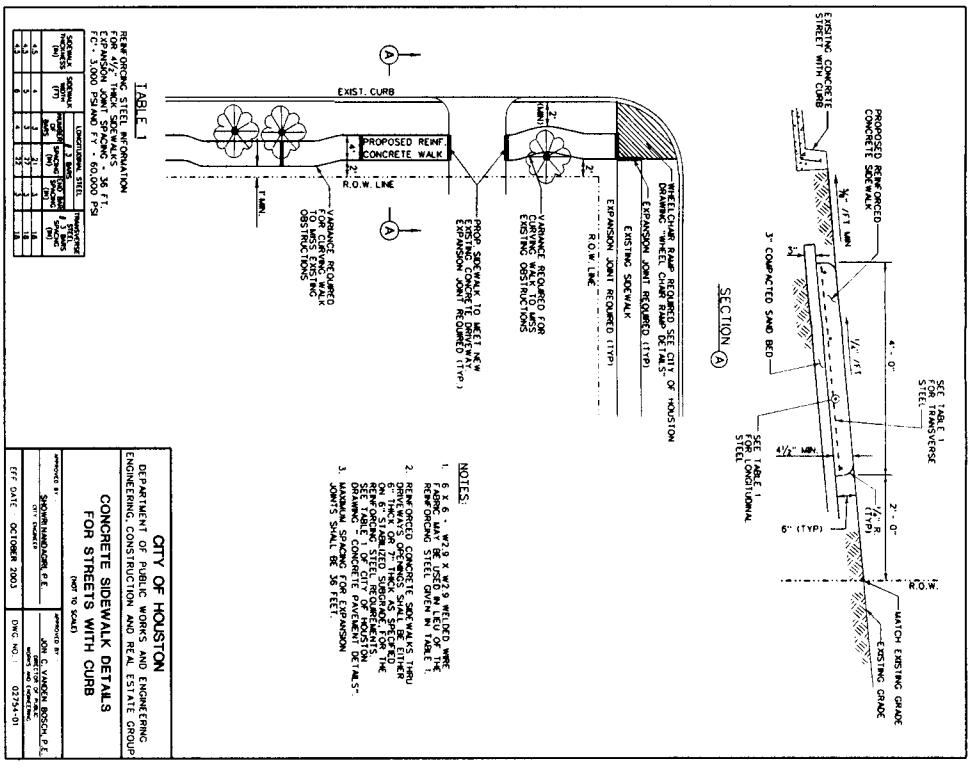


SECTION ③
REPAIR OF REINFORCED CONCRETE PAVEMENT



SECTION ④
REPAIR OF NON-REINFORCED CONCRETE PAVEMENT WITH BRICK

CITY OF HOUSTON	
PAVEMENT REPAIR DETAILS	
DATE:	OCTOBER 2003
BY:	JOEL R. COLWELL
CHECKED BY:	JOEL R. COLWELL
SCALE:	AS SHOWN



SECTION ⑤
REPAIR OF REINFORCED CONCRETE SIDEWALK WITH CURB

NO.	DESCRIPTION	LENGTH (FT)	WEIGHT (LBS)	MARKING
1	4# BARS 24" LONG	12	12	4#
2	4# BARS 24" LONG	12	12	4#
3	4# BARS 24" LONG	12	12	4#
4	4# BARS 24" LONG	12	12	4#
5	4# BARS 24" LONG	12	12	4#
6	4# BARS 24" LONG	12	12	4#
7	4# BARS 24" LONG	12	12	4#
8	4# BARS 24" LONG	12	12	4#
9	4# BARS 24" LONG	12	12	4#
10	4# BARS 24" LONG	12	12	4#
11	4# BARS 24" LONG	12	12	4#
12	4# BARS 24" LONG	12	12	4#
13	4# BARS 24" LONG	12	12	4#
14	4# BARS 24" LONG	12	12	4#
15	4# BARS 24" LONG	12	12	4#
16	4# BARS 24" LONG	12	12	4#
17	4# BARS 24" LONG	12	12	4#
18	4# BARS 24" LONG	12	12	4#
19	4# BARS 24" LONG	12	12	4#
20	4# BARS 24" LONG	12	12	4#

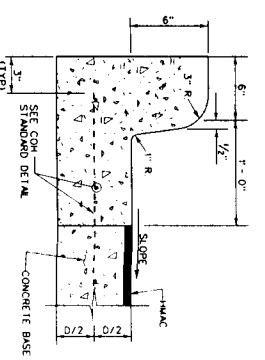
CITY OF HOUSTON	
CONCRETE SIDEWALK DETAILS FOR STREETS WITH CURB	
DATE:	OCTOBER 2003
BY:	JOEL R. COLWELL
CHECKED BY:	JOEL R. COLWELL
SCALE:	AS SHOWN

NOTES

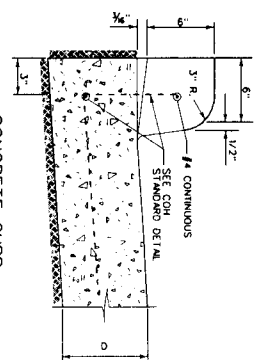
- THE LOCATION AND/OR DEPTH OF ALL FACILITIES SHOWN HAVE NOT BEEN VERIFIED, SINCE VERIFICATION WOULD REQUIRE REMOVAL OF PAVING AND SOIL.
- THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL UTILITIES AND WHETHER THEY FALL IN THE PATH OF CONSTRUCTION.
- THE CONTRACTOR IS ALSO RESPONSIBLE FOR CONTACTING THE UTILITY GOVERNING AGENCIES AT 713-253-4567/FORTY-EIGHT (48) HOURS PRIOR TO ANY CONSTRUCTION.
- CONTRACTOR MUST PROVIDE SHORING FOR TRENCH IN ACCORDANCE WITH THE LATEST EDITION OF THE TEXAS LAWS AS SPECIFIED IN CITY OF HOUSTON STANDARD SPECIFICATIONS FOR CONSTRUCTION.
- CONTRACTOR MUST COMPLY WITH ALL THE LAWS OF THE STATE OF TEXAS AND THE LATEST EDITION OF THE TEXAS LAWS AS SPECIFIED IN CITY OF HOUSTON STANDARD SPECIFICATIONS FOR CONSTRUCTION.

- ### CITY OF HOUSTON
- DEPARTMENT OF PUBLIC WORKS AND ENGINEERING
ENGINEERING, CONSTRUCTION AND REAL ESTATE GROUP
TRAFFIC AND SOCIAL ENGINEERING SECTION
- CONTRACTOR SHALL OBTAIN AND MAINTAIN TRAFFIC CONTROL DEVICES IN CONFORMANCE WITH PART VII OF THE TEXAS MANUAL ON UNDER TRAFFIC CONTROL DEVICES (TEKAS M.U.C.D.) MOST RECENT EDITION WITH NEIGHBORHOOD CONSTRUCTION.
 - MONDAY THRU FRIDAY NO WORK SHALL BE DONE ON ROADWAY BETWEEN THE HOURS OF 7:00 AM TO 9:00 AM AND 4:00 PM TO 6:00 PM.
 - CONTRACTOR SHALL COVER OPEN EXCAVATIONS WITH STEEL PLATES ANCHORED PROPERLY DURING NON-WORKING HOURS.
 - AT LEAST ONE UNARMED OFF-DUTY POLICE OFFICER IS REQUIRED DURING CONSTRUCTION HOURS.
 - IN THE EVENT WHEN NO TRAFFIC CONTROL PLANS EXIST AS A PART OF CONTRACT DRAWINGS, CONTRACTOR MAY PREPARE SECTION FOR APPROVAL TEN WORKING DAYS PRIOR TO IMPLEMENTATION.
 - CONTRACTOR SHALL NOTIFY THE CITY OF HOUSTON DEPARTMENT OF PUBLIC WORKS AND ENGINEERING, ENGINEERING CONSTRUCTION SECTION, FOR APPROVAL OF ALL CONSTRUCTION STAGING.
 - CONTRACTOR TO MAINTAIN AT LEAST ONE CLEARANCE WITH ALL EXISTING CITY OF HOUSTON WATER LINES.
 - THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE TO THE EXISTING PUBLIC OR PRIVATE UTILITY LINES ACCORDANCE WITH CITY OF HOUSTON, DEPARTMENT OF PUBLIC WORKS AND ENGINEERING STANDARD SPECIFICATIONS WITH THE CITY OF HOUSTON, DEPARTMENT OF PUBLIC WORKS AND ENGINEERING, STANDARD SPECIFICATIONS WITH NO COST TO THE CITY OF HOUSTON.
 - THESE PLANS SHALL BE OBTAIN TO SCALE ON REINFORCED CONCRETE SIDEWALKS AND SHALL BE OBTAIN TO SCALE ON REINFORCED CONCRETE SIDEWALKS WITH CURB. THESE PLANS WILL BECOME A PART OF THE CONTRACT DOCUMENTS.

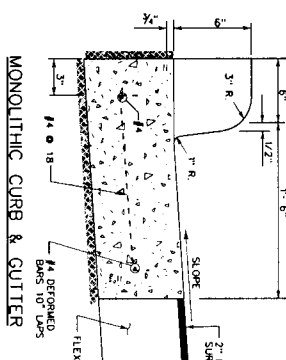
- ### CITY OF HOUSTON
- STREET, BRIDGE & R.O.W.
- FILL AREAS NOTED ON PLANS SHALL BE FILLED IN LAYERS OF 8" IN DEPTH AND EACH COMPACTED TO NOT LESS THAN 95% STANDARD PROCTOR DENSITY PRIOR TO INSTALLATION OF WATER LINE AND FILL AREA SHALL BE SEDED AND FINISHED WITHIN 10 DAYS.
 - UTILITY CONTRACTOR SHALL PROVIDE TEMPORARY OR PERMANENT BARRIERS FOR ALL NON-CURB METES WHICH WILL BE REMOVED UPON COMPLETION OF CONSTRUCTION.
 - CONTRACTOR SHALL PROVIDE SALT BARRIERS FENCE ON ALL STAGE TOBNS METES.
 - EXISTING PAVEMENT'S CURBS, SIDEWALKS AND DRIVEWAYS DAMAGED OR REMOVED DURING CONSTRUCTION SHALL BE REPAIRED WITHIN 10 DAYS OF COMPLETION.
 - ARGUATE DAMAGE SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION AND ANY GRASS OR OTHER VEGETATION DAMAGED DURING CONSTRUCTION SHALL BE RESTORED TO THE SATISFACTION OF THE DOWNS AUTHORITY.
 - EXPOSED 15" OF REINFORCING STEEL AT PROPOSED SAVED JOINT. # NO REINFORCING STEEL EXISTS USE HORIZONTAL BARS 24" LONG, 24" C.C. SLOTTED AND SLOTTED OR ENJOINED THE CENTER OF THE EXISTING SLAB.
 - CONTRACTOR SHALL COMPLY WITH OSHA REGULATIONS AND STATE OF TEXAS LAW CONCERNING EXCAVATION.
 - CONTRACTOR SHALL COMPLY WITH ALL THE LAWS OF THE STATE OF TEXAS AND THE LATEST EDITION OF THE TEXAS LAWS AS SPECIFIED IN CITY OF HOUSTON STANDARD SPECIFICATIONS FOR CONSTRUCTION.
 - CONTRACTOR SHALL COMPLY WITH ALL THE LAWS OF THE STATE OF TEXAS AND THE LATEST EDITION OF THE TEXAS LAWS AS SPECIFIED IN CITY OF HOUSTON STANDARD SPECIFICATIONS FOR CONSTRUCTION.
 - CONTRACTOR SHALL COMPLY WITH ALL THE LAWS OF THE STATE OF TEXAS AND THE LATEST EDITION OF THE TEXAS LAWS AS SPECIFIED IN CITY OF HOUSTON STANDARD SPECIFICATIONS FOR CONSTRUCTION.
 - CONTRACTOR SHALL COMPLY WITH ALL THE LAWS OF THE STATE OF TEXAS AND THE LATEST EDITION OF THE TEXAS LAWS AS SPECIFIED IN CITY OF HOUSTON STANDARD SPECIFICATIONS FOR CONSTRUCTION.
 - CONTRACTOR SHALL COMPLY WITH ALL THE LAWS OF THE STATE OF TEXAS AND THE LATEST EDITION OF THE TEXAS LAWS AS SPECIFIED IN CITY OF HOUSTON STANDARD SPECIFICATIONS FOR CONSTRUCTION.
 - CONTRACTOR SHALL COMPLY WITH ALL THE LAWS OF THE STATE OF TEXAS AND THE LATEST EDITION OF THE TEXAS LAWS AS SPECIFIED IN CITY OF HOUSTON STANDARD SPECIFICATIONS FOR CONSTRUCTION.
 - CONTRACTOR SHALL COMPLY WITH ALL THE LAWS OF THE STATE OF TEXAS AND THE LATEST EDITION OF THE TEXAS LAWS AS SPECIFIED IN CITY OF HOUSTON STANDARD SPECIFICATIONS FOR CONSTRUCTION.
 - CONTRACTOR SHALL COMPLY WITH ALL THE LAWS OF THE STATE OF TEXAS AND THE LATEST EDITION OF THE TEXAS LAWS AS SPECIFIED IN CITY OF HOUSTON STANDARD SPECIFICATIONS FOR CONSTRUCTION.



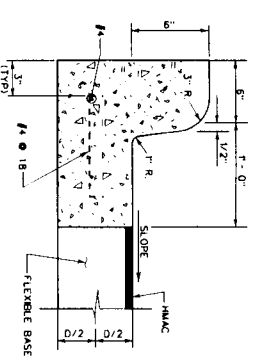
ESPAVANE CURB CONNECTED TO CONCRETE BASE



CONCRETE CURB



MONOLITHIC CURB & GUTTER



ESPAVANE CURB CONNECTED TO FLEXIBLE BASE

REV	NO	DESCRIPTION	SEAL	APP'D	DATE

Midtown
ENGINEERS, LLC
4225 KATY FREEMAN SUITE 400 HOUSTON, TX 77007
(713) 862-8848 TBE NO. F-5834

CenterPoint Energy
MAJOR UNDERGROUND ENGINEERING
CONSTRUCTION DETAILS

**STATE HIGHWAY 99
WEST OF HARLEM ROAD**

DATE: 10/23/2012	DWG. NO. 12700000
SCALE: HOR. VERT.	SHEETS: 5 OF 5
DESIGNED BY: JOEL R. COLWELL	CHECKED BY: JOEL R. COLWELL
APPROVED BY: [Signature]	DATE: 10/23/2012