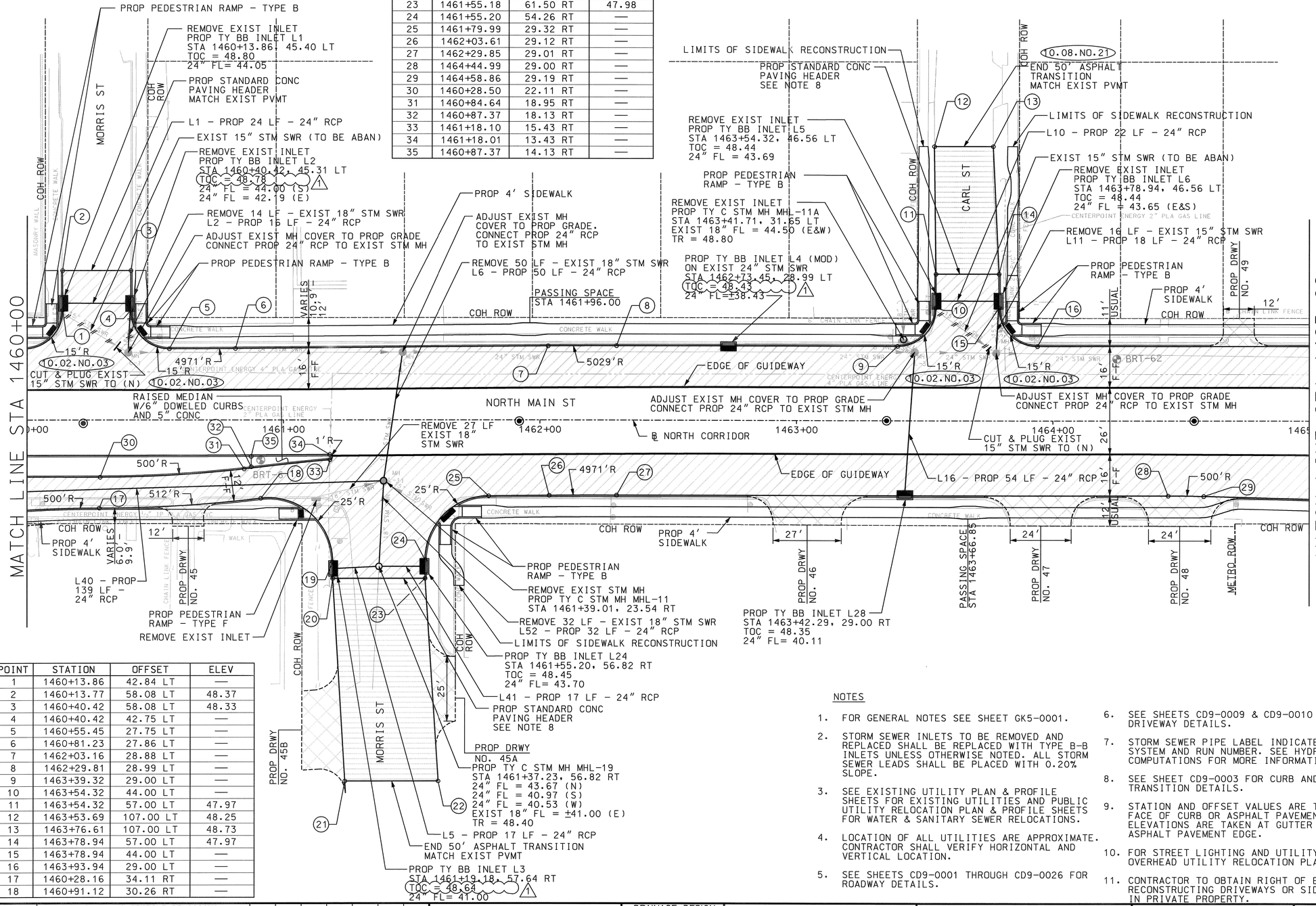
POINT	STATION	OFFSET	ELEV
19	1461+19.18	55.08 RT	
20	1461+19.18	61.50 RT	48.18
21	1461+23.95	140.50 RT	48.72
22	1461+60.34	140.50 RT	48.22
23	1461+55.18	61.50 RT	47.98
24	1461+55.20	54.26 RT	—
25	1461+79.99	29.32 RT	—
26	1462+03.61	29.12 RT	—
27	1462+29.85	29.01 RT	—
28	1464+44.99	29.00 RT	—
29	1464+58.86	29.19 RT	—
30	1460+28.50	22.11 RT	—
31	1460+84.64	18.95 RT	—
32	1460+87.37	18.13 RT	—
33	1461+18.10	15.43 RT	—
34	1461+18.01	13.43 RT	—
35	1460+87.37	14.13 RT	—



POINT	STATION	OFFSET	ELEV
1	1460+13.86	42.84 LT	—
2	1460+13.77	58.08 LT	48.37
3	1460+40.42	58.08 LT	48.33
4	1460+40.42	42.75 LT	—
5	1460+55.45	27.75 LT	—
6	1460+81.23	27.86 LT	—
7	1462+03.16	28.88 LT	—
8	1462+29.81	28.99 LT	—
9	1463+39.32	29.00 LT	—
10	1463+54.32	44.00 LT	—
11	1463+54.32	57.00 LT	47.97
12	1463+53.69	107.00 LT	48.25
13	1463+76.61	107.00 LT	48.73
14	1463+78.94	57.00 LT	47.97
15	1463+78.94	44.00 LT	—
16	1463+93.94	29.00 LT	—
17	1460+28.16	34.11 RT	—
18	1460+91.12	30.26 RT	—

HORIZ. SCALE (IN FEET) 0 10 20 40

LEGEND

- EXIST COH ROW
- NEW COH ROW
- PROP GUIDEWAY
- PROP CURB
- PROP DRIVEWAY
- EXIST STORM SEWER
- EXIST UTILITY TO BE ABAN
- PROP STORM SEWER
- PROP OCS POLE
- PROP STREET CONST. 8" CONCRETE PVMT
- PROP DRIVEWAY (SEE CD9-0010)
- PROP ASPHALT TRANS. 1½" HMAC SURFACE & 6" HMAC BASE COURSE
- CUT & RESTORE PVMT W/ 8" CONCRETE PVMT
- PROP PLATFORM
- COH DESIGN VARIANCE

ROADWAY DESIGN

STATE OF TEXAS MICHAEL J. KASPAR 103600 LICENSED PROFESSIONAL ENGINEER 11/09/10

NOTES

1. FOR GENERAL NOTES SEE SHEET GK5-0001.
2. STORM SEWER INLETS TO BE REMOVED AND REPLACED SHALL BE REPLACED WITH TYPE B-B INLETS UNLESS OTHERWISE NOTED. ALL STORM SEWER LEADS SHALL BE PLACED WITH 0.20% SLOPE.
3. SEE EXISTING UTILITY PLAN & PROFILE SHEETS FOR EXISTING UTILITIES AND PUBLIC UTILITY RELOCATION PLAN & PROFILE SHEETS FOR WATER & SANITARY SEWER RELOCATIONS.
4. LOCATION OF ALL UTILITIES ARE APPROXIMATE. CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION.
5. SEE SHEETS CD9-0001 THROUGH CD9-0026 FOR ROADWAY DETAILS.
6. SEE SHEETS CD9-0009 & CD9-0010 FOR DRIVEWAY DETAILS.
7. STORM SEWER PIPE LABEL INDICATES DRAINAGE SYSTEM AND RUN NUMBER. SEE HYDRAULIC COMPUTATIONS FOR MORE INFORMATION.
8. SEE SHEET CD9-0003 FOR CURB AND ASPHALT TRANSITION DETAILS.
9. STATION AND OFFSET VALUES ARE TAKEN AT FACE OF CURB OR ASPHALT PAVEMENT EDGE. ELEVATIONS ARE TAKEN AT GUTTER LINE OR ASPHALT PAVEMENT EDGE.
10. FOR STREET LIGHTING AND UTILITY POLE SEE OVERHEAD UTILITY RELOCATION PLANS.
11. CONTRACTOR TO OBTAIN RIGHT OF ENTRY WHEN RECONSTRUCTING DRIVEWAYS OR SIDEWALKS IN PRIVATE PROPERTY.

PRIVATE UTILITY LINES SHOWN

CENTER POINT ENERGY - GAS — DATE 12/1/10

CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

CITY OF HOUSTON DWG NO:

46616

CONTRACT SHEET No. 107 OF 450

REV	DATE	DESCRIPTION	ADD	AMD	CCR	BY	ENG	CHK	APP
1	08/30/10	ROADWAY PLAN AND PROFILE REVISIONS							

Nathelyne A. Kennedy & Associates
Civil & Structural Consulting Engineers
REGISTRATION # F-357

DRAINAGE DESIGN

STATE OF TEXAS BRANDON NGUYEN 94972 LICENSED PROFESSIONAL ENGINEER 11/10/10

DANNENBAUM
ENGINEERING COMPANY - HOUSTON, LLC
T.B.P.E. FIRM REGISTRATION #8998
3100 WEST ALABAMA HOUSTON, TEXAS 77098 (713) 520-9570

HRT HOUSTON RAPID TRANSIT JV

METRO Solutions
Metropolitan Transit Authority of Harris County, Texas

E. CONLEY	4 DEC 2009
DRN BY	DATE
B. NGUYEN	4 DEC 2009
DRN CKD BY	DATE
M. MOSS	4 DEC 2009
DES BY	DATE
B. NGUYEN	4 DEC 2009
DES CKD BY	DATE
B. CONE	4 DEC 2009
APPROVED BY	DATE
SCALE: 1" = 20'	

METRO SOLUTIONS NORTH CORRIDOR - SEGMENT 3B

STREET MODIFICATION PLAN
NORTH MAIN STREET
STA 1460+00 TO STA 1465+00

CONTRACT NO. 0800120 | DRAWING NO. CM6-0025 | REV. 1

RELEASED FOR CONSTRUCTION JAN 12 2011

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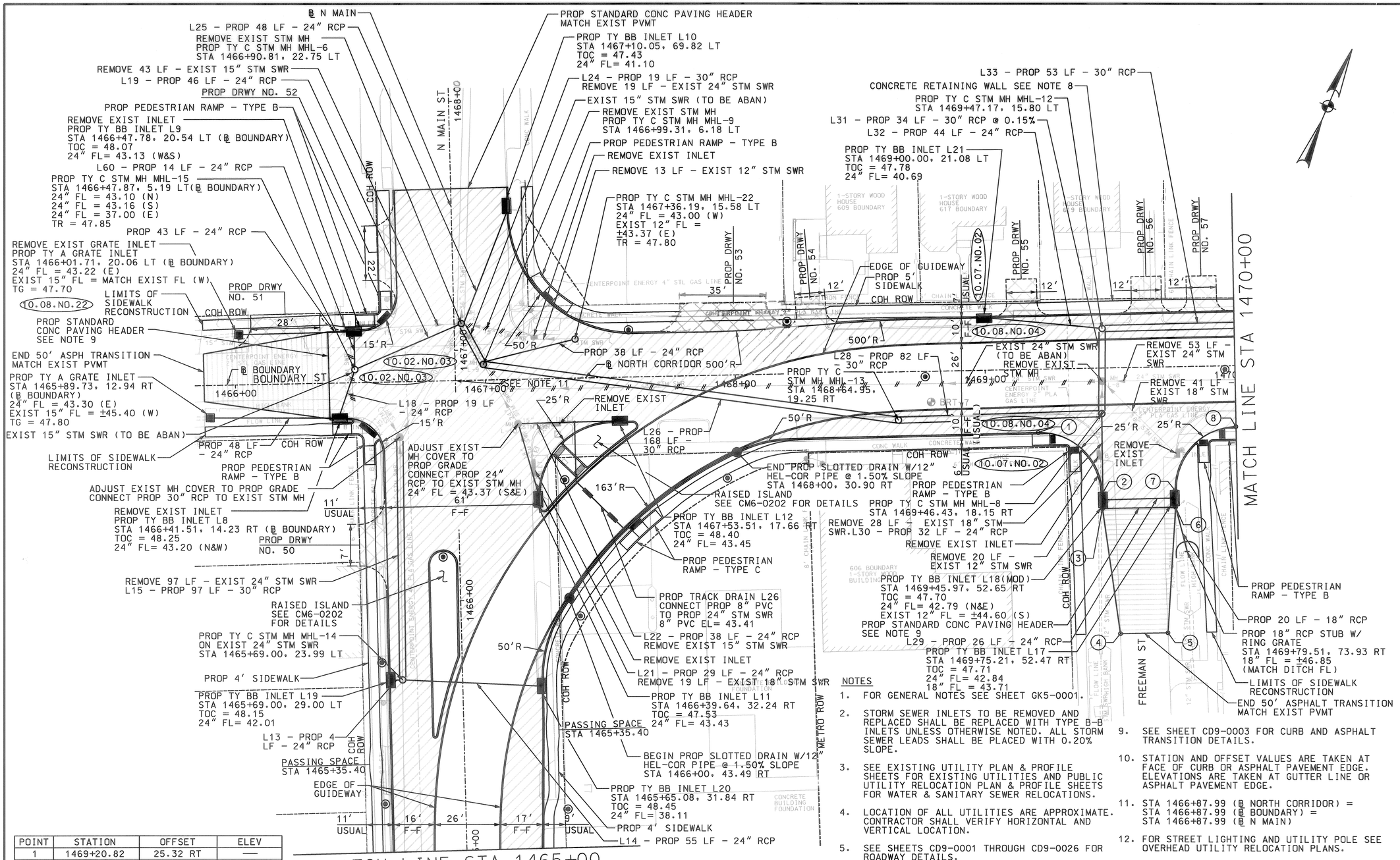

POINT	STATION	OFFSET	ELEV
1	1469+20.82	25.32 RT	—
2	1469+45.97	50.30 RT	—
3	1469+45.97	56.15 RT	47.22
4	1469+52.22	106.15 RT	49.09
5	1469+71.26	106.15 RT	49.50
6	1469+75.21	56.15 RT	47.23
7	1469+75.21	49.47 RT	—
8	1470+00.06	24.33 RT	—

NOTES

1. FOR GENERAL NOTES SEE SHEET GK5-0001.
2. STORM SEWER INLETS TO BE REMOVED AND REPLACED SHALL BE REPLACED WITH TYPE B-B INLETS UNLESS OTHERWISE NOTED. ALL STORM SEWER LEADS SHALL BE PLACED WITH 0.20% SLOPE.
3. SEE EXISTING UTILITY PLAN & PROFILE SHEETS FOR EXISTING UTILITIES AND PUBLIC UTILITY RELOCATION PLAN & PROFILE SHEETS FOR WATER & SANITARY SEWER RELOCATIONS.
4. LOCATION OF ALL UTILITIES ARE APPROXIMATE. CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION.
5. SEE SHEETS CD9-0001 THROUGH CD9-0026 FOR ROADWAY DETAILS.
6. SEE SHEETS CD9-0009 & CD9-0010 FOR DRIVEWAY DETAILS.
7. STORM SEWER PIPE LABEL INDICATES DRAINAGE SYSTEM AND RUN NUMBER. SEE HYDRAULIC COMPUTATIONS FOR MORE INFORMATION.
8. SEE SHEETS CM6-0210 THROUGH CM6-0215 FOR CONCRETE WALL DETAILS.
9. SEE SHEET CD9-0003 FOR CURB AND ASPHALT TRANSITION DETAILS.
10. STATION AND OFFSET VALUES ARE TAKEN AT FACE OF CURB OR ASPHALT PAVEMENT EDGE. ELEVATIONS ARE TAKEN AT GUTTER LINE OR ASPHALT PAVEMENT EDGE.
11. STA 1466+87.99 (℄ NORTH CORRIDOR) = STA 1466+87.99 (℄ BOUNDARY) = STA 1466+87.99 (℄ N MAIN)
12. FOR STREET LIGHTING AND UTILITY POLE SEE OVERHEAD UTILITY RELOCATION PLANS.
13. CONTRACTOR TO OBTAIN RIGHT OF ENTRY WHEN RECONSTRUCTING DRIVEWAYS OR SIDEWALKS IN PRIVATE PROPERTY.
14. CONTRACTOR MAY USE TXDOT SLOTTED DRAIN OR APPROVED EQUAL. PROVIDE WELDED WIRE MESH ACROSS THE TOP OF THE DRAIN OPENING IN THE AREA OF PEDESTRAIN TRAFFIC (IN FRONT OF WHEEEL CHAIR RAMP -TYPE C). SLOTTED DRAIN PIPE SHALL BE CONNECTED TO TRACK DRAIN L26.

ROADWAY DESIGN

STATE OF TEXAS — MICHAEL C. MOSS — 91083 — LICENSED — PROFESSIONAL ENGINEER

12/10/09

PRIVATE UTILITY LINES SHOWN

12-10-09

CENTER POINT ENERGY - GAS — DATE

CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING
STREET & BRIDGE ENGINEERING

12-10-2009

WAYNE GAUDIN C.O.H - SR. P.M.

CITY OF HOUSTON DWG NO:

PUBLIC WORKS AND ENGINEERING — 46616 — HOUSTON, TEXAS

CONTRACT SHEET No. 109 OF 450

REV	DATE	DESCRIPTION	ADD	AMD	CCR	BY	ENG	CHK	APP

Nathelyne A. Kennedy & Associates
Civil & Structural Consulting Engineers
REGISTRATION # F-357

STATE OF TEXAS — BRANDON NGUYEN — 94972 — LICENSED — PROFESSIONAL ENGINEER

12/9/09

DANNENBAUM
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3100 WEST ALABAMA HOUSTON, TEXAS 77098 (713) 520-9570

HRT HOUSTON RAPID TRANSIT JV

METRO Solutions — Metropolitan Transit Authority of Harris County, Texas

E. CONLEY DRN BY	4 DEC 2009 DATE
B. NGUYEN DRN CKD BY	4 DEC 2009 DATE
M. MOSS DES BY	4 DEC 2009 DATE
B. NGUYEN DES CKD BY	4 DEC 2009 DATE
B. CONE APPROVED BY	4 DEC 2009 DATE

SCALE: 1" = 20'

METRO SOLUTIONS NORTH CORRIDOR - 3B

STREET MODIFICATION PLAN NORTH MAIN STREET & BOUNDARY STREET STA 1465+00 TO STA 1470+00

CONTRACT NO. 0800120 | DRAWING NO. CM6-0027 | REV.

RELEASED FOR CONSTRUCTION JAN 22 2010

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12/9/2009