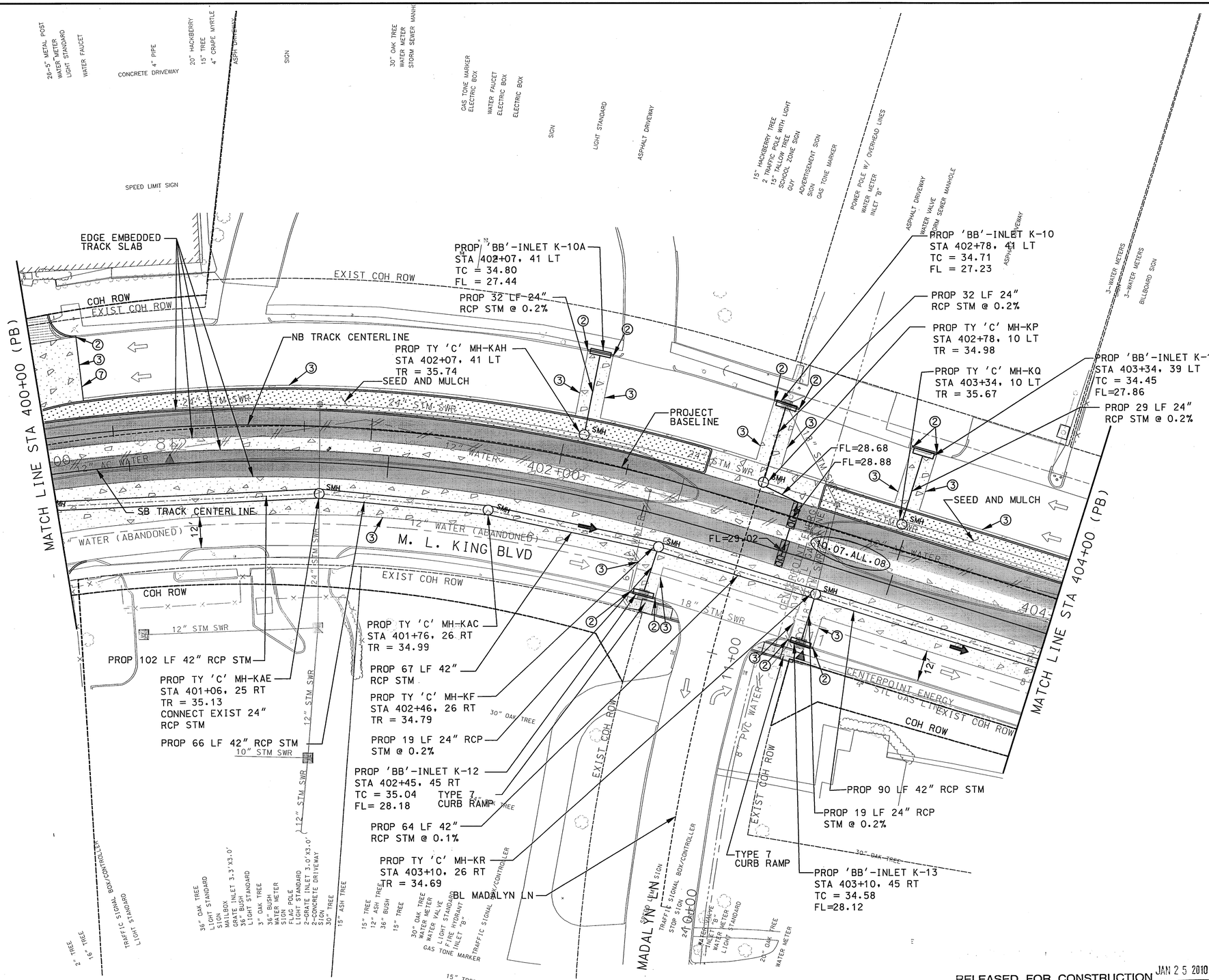

NOTES:

1. SEE DWG. NO. CC6-1069 FOR NOTES.
2. EXISTING STORM SEWER SOUTH OF MH-KJ2 TO BE LEFT AS PARALLEL TRUNK LINE.
3. SEE DWG. NO. UC6-0063P FOR PROFILE.
4. SEE DWG. NO. CC7-0063 FOR DEMOLITION.
5. SEE NOTES 6, 7 AND 8 OF GENERAL UTILITY NOTES ON DWG. NO. GC4-0100 FOR PAVEMENT REPLACEMENT REQUIREMENTS FOR PROPOSED WATER AND SEWER WORK.

PRIVATE UTILITY LINES SHOWN

12/15/09
CENTERPOINT ENERGY, GAS FACILITIES

SBC UTILITY LINES SHOWN

12/10/09
APPROVED FOR SBC UNDERGROUND CONDUIT FACILITIES ONLY. SIGNATURE VALID FOR ONE YEAR — DATE

12/10/09
CENTERPOINT ENERGY, ELECTRIC FACILITIES
APPROVED ONLY FOR CROSSING UNDERGROUND DUCTLINES UNLESS NOTED. VALID AT TIME OF REVIEW ONLY.

N/A
CABLE COMPANY

CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

STREET & BRIDGE ENGINEERING

29-DEC-2009
WAYNE GUDIN C.O.H. - SR. P.M.

ACCEPTED AND FILED
46687
CITY DRAWING NUMBER
HOUSTON, TEXAS

RELEASED FOR CONSTRUCTION JAN 25 2010

CONTRACT SHEET NO 91 OF 328

REV	DATE	DESCRIPTION	ADD	AMD	CCR	BY	ENG	CHK	APP

Lockwood, Andrews & Newnam, Inc.
A LEO A DALY COMPANY

STATE OF TEXAS — KUSAY MANAF ALI — 100382 — LICENSED PROFESSIONAL ENGINEER
12/7/09
Lockwood, Andrews & Newnam Inc. ID # 2614

DRAWING ONLY — STATE OF TEXAS — PATRICK W. PHILLIPS — 92917 — LICENSED PROFESSIONAL ENGINEER
12/7/09
Lockwood, Andrews & Newnam Inc. ID # 2614

HRT
HOUSTON RAPID TRANSIT JV

METRO Solutions
Going Places
Metropolitan Transit Authority of Harris County, Texas

CADD		11/06/09
DRN BY	J.H.	DATE 11/06/09
DRN CKD BY	G.L.C.	DATE 11/06/09
DES BY	K.M.A.	DATE 11/06/09
DES CKD BY	C.E.R.	DATE 11/06/09
APPROVED BY		DATE
SCALE: AS SHOWN		

METRO SOLUTIONS SOUTHEAST CORRIDOR - 1B

STREET MODIFICATION PLAN
STA 400+00 (PB) TO STA 404+00 (PB)

CONTRACT NO. CT0800120 | DRAWING NO. CC6-0063 | REV.

12/4/2009 GEWilliams 3:17:13 PM
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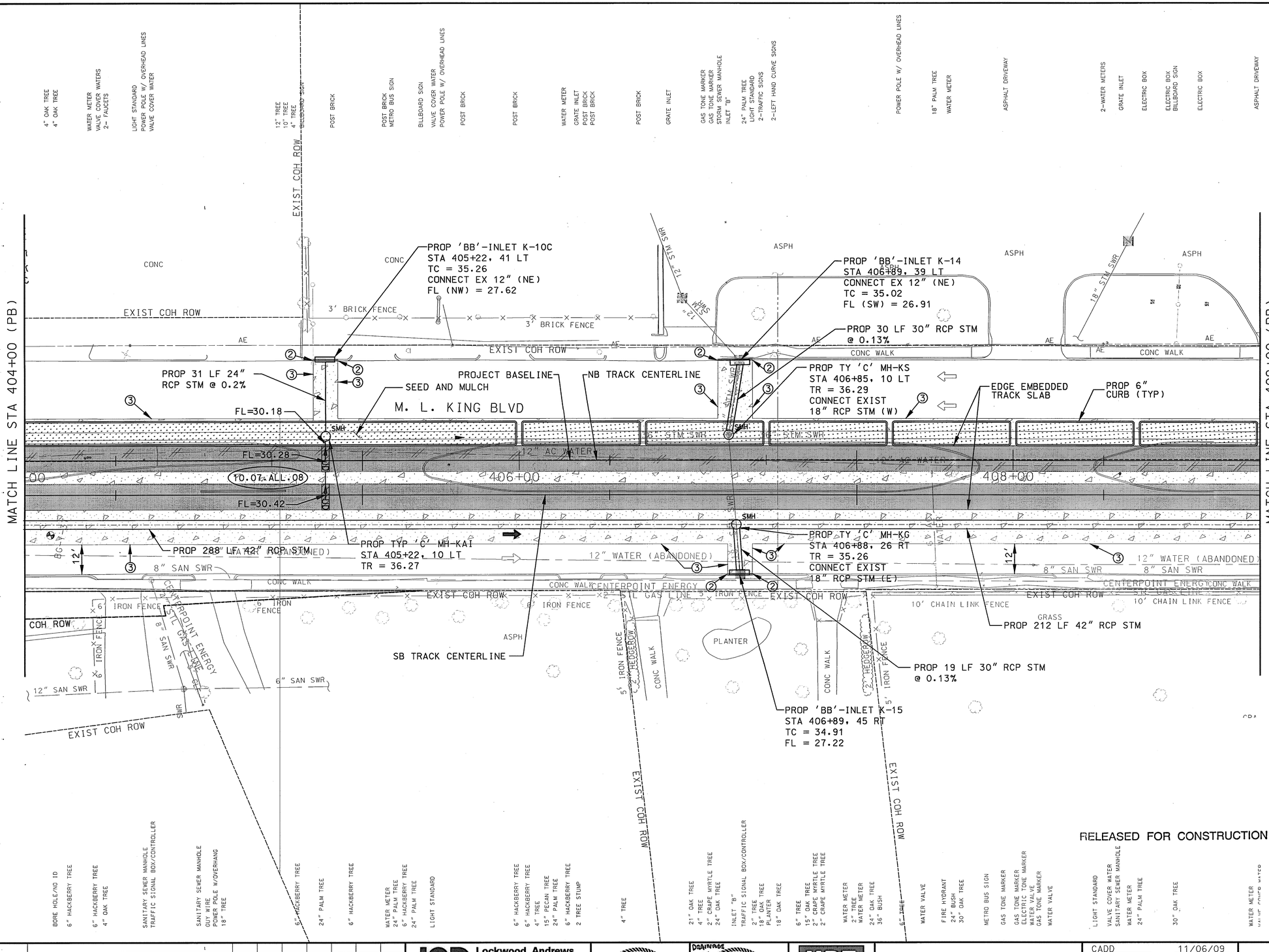


NOTES:

1. SEE DWG. NO. CC6-1069 FOR NOTES.
2. SEE DWG. NO. UC6-0064P FOR PROFILE.
3. SEE DWG. NO. CC7-0064 FOR DEMOLITION.
4. SEE NOTE 6, 7 AND 8 OF GENERAL UTILITY NOTES ON DWG. NO. GC4-0100 FOR PAVEMENT REPLACEMENT REQUIREMENTS FOR PURPOSED WATER AND SEWER WORK.

PRIVATE UTILITY LINES SHOWN

12/15/09
CENTERPOINT ENERGY, GAS FACILITIES

SBC UTILITY LINES SHOWN

12/10/09
APPROVED FOR SBC UNDERGROUND CONDUIT FACILITIES ONLY. SIGNATURE VALID FOR ONE YEAR — DATE

12/15/09
CENTERPOINT ENERGY, ELECTRIC FACILITIES
APPROVED ONLY FOR CROSSING UNDERGROUND DUCTLINES UNLESS NOTED. VALID AT TIME OF REVIEW ONLY.

N/A
CABLE COMPANY

CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

STREET & BRIDGE ENGINEERING

24-DEC-2009
WAYNE GAUDIN C.O.H. - SR. P.M.

ACCEPTED AND FILED 46687 CITY DRAWING NUMBER HOUSTON, TEXAS

RELEASED FOR CONSTRUCTION JAN 25 2010

CONTRACT SHEET NO 93 OF 328

REV	DATE	DESCRIPTION	ADD	AMD	CCR	BY	ENG	CHK	APP

Lockwood, Andrews & Newnam, Inc.
A LEO A DALY COMPANY

STATE OF TEXAS — KUSAY MANAF ALI — 100382 — LICENSED PROFESSIONAL ENGINEER — 10/7/09 — Lockwood, Andrews & Newnam Inc. ID # 2614

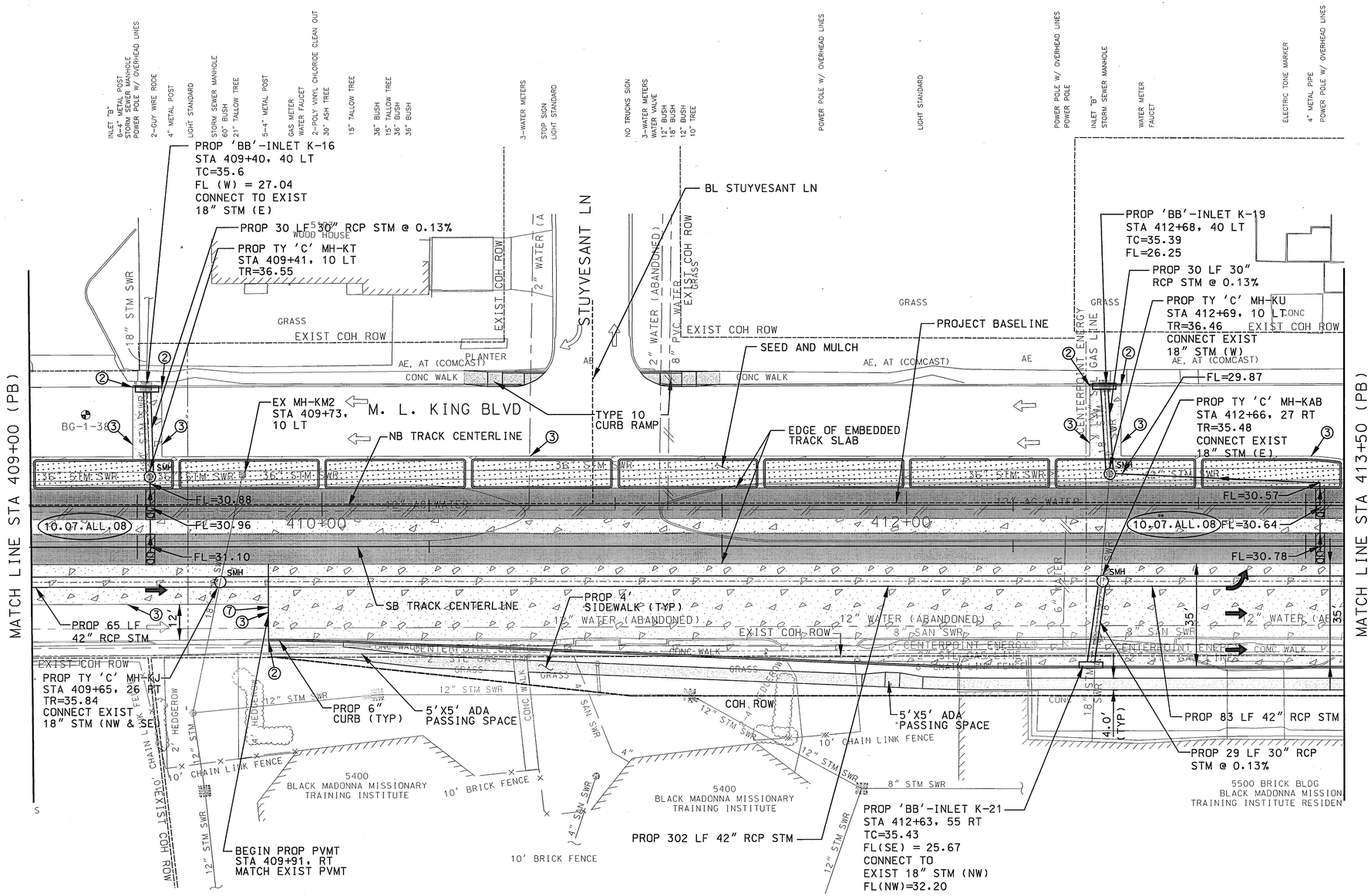
DRAWINGS ONLY — STATE OF TEXAS — PATRICK W. PHILLIPS — 92917 — LICENSED PROFESSIONAL ENGINEER — 10/7/09 — Lockwood, Andrews & Newnam Inc. ID # 2614

HRT HOUSTON RAPID TRANSIT JV

METRO Solutions Going Places
Metropolitan Transit Authority of Harris County, Texas

CADD DRN BY	11/06/09 DATE	METRO SOLUTIONS SOUTHEAST CORRIDOR-1B	
J.H. DRN CKD BY	11/06/09 DATE	STREET MODIFICATION PLAN STA 404+00 (PB) TO STA 409+00 (PB)	
G.L.C. DES BY	11/06/09 DATE		
K.M.A. DES CKD BY	11/06/09 DATE		
C.E.R. APPROVED BY	11/06/09 DATE		
SCALE: AS SHOWN		CONTRACT NO. CT0800120	DRAWING NO. CC6-0064 REV.

12/4/2009 GEWilliams R:\120409\150-10118-000\Prod\5+0+Design-Reference\5+01 GEC Design\5+01+01 Drawings\03-Civil-Street Mods\SEGMENT 1B\SEC4ST52.dgn 3:18:27 PM



NOTES:

1. SEE DWG. NO. CC6-1069 FOR NOTES.
2. SEE DWG. NO. UC6-0065P FOR PROFILE.
3. SEE DWG. NO. CC7-0065 FOR DEMOLITION.
4. SEE NOTE 6, 7 AND 8 OF GENERAL UTILITY NOTES ON DWG. NO. GC4-0100 FOR PAVEMENT REPLACEMENT REQUIREMENTS FOR PURPOSED WATER AND SEWER WORK.

PRIVATE UTILITY LINES SHOWN

12/15/09
CENTERPOINT ENERGY, GAS FACILITIES

SBC UTILITY LINES SHOWN

12/16/09
APPROVED FOR SBC UNDERGROUND CONDUIT FACILITIES ONLY. SIGNATURE VALID FOR ONE YEAR — DATE

12/15/09
CENTERPOINT ENERGY, ELECTRIC FACILITIES
APPROVED ONLY FOR CROSSING UNDERGROUND DUCTLINES UNLESS NOTED. VALID AT TIME OF REVIEW ONLY.

N/A
CABLE COMPANY

CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

STREET & BRIDGE ENGINEERING

29-DEC 2009
WILLIAM GAUDIN C.O.H. - SR. P.M.

PROFESSIONAL ENGINEER — ACCEPTED AND FILED — 46697 — CITY DRAWING NUMBER — HOUSTON, TEXAS

RELEASED FOR CONSTRUCTION JAN 25 2010

CONTRACT SHEET NO 95 OF 328

REV	DATE	DESCRIPTION	ADD	AMD	CCR	BY	ENG	CHK	APP

Lockwood, Andrews & Newnam, Inc.
A LEO A DALY COMPANY

STATE OF TEXAS — KUSAY MANAF ALI — 100382 — LICENSED PROFESSIONAL ENGINEER — 12/7/09 — Lockwood, Andrews & Newnam Inc. ID # 2614

DRAINAGE ONLY — STATE OF TEXAS — PATRICK W. PHILLIPS — 92917 — LICENSED PROFESSIONAL ENGINEER — 12/7/09 — Lockwood, Andrews & Newnam Inc. ID # 2614

HRT
HOUSTON RAPID TRANSIT JV

METRO Solutions
Going Places
Metropolitan Transit Authority of Harris County, Texas

CADD	11/06/09
DRN BY J.H.	DATE 11/06/09
DRN CKD BY G.L.C.	DATE 11/06/09
DES BY K.M.A.	DATE 11/06/09
DES CKD BY C.E.R.	DATE 11/06/09
APPROVED BY	DATE
SCALE: AS SHOWN	

METRO SOLUTIONS SOUTHEAST CORRIDOR - 1B

STREET MODIFICATION PLAN STA 409+00 (PB) TO STA 413+50 (PB)

CONTRACT NO. CT0800120 | DRAWING NO. CC6-0065 | REV.

12/4/2009 GEWilliams 3:20:18 PM
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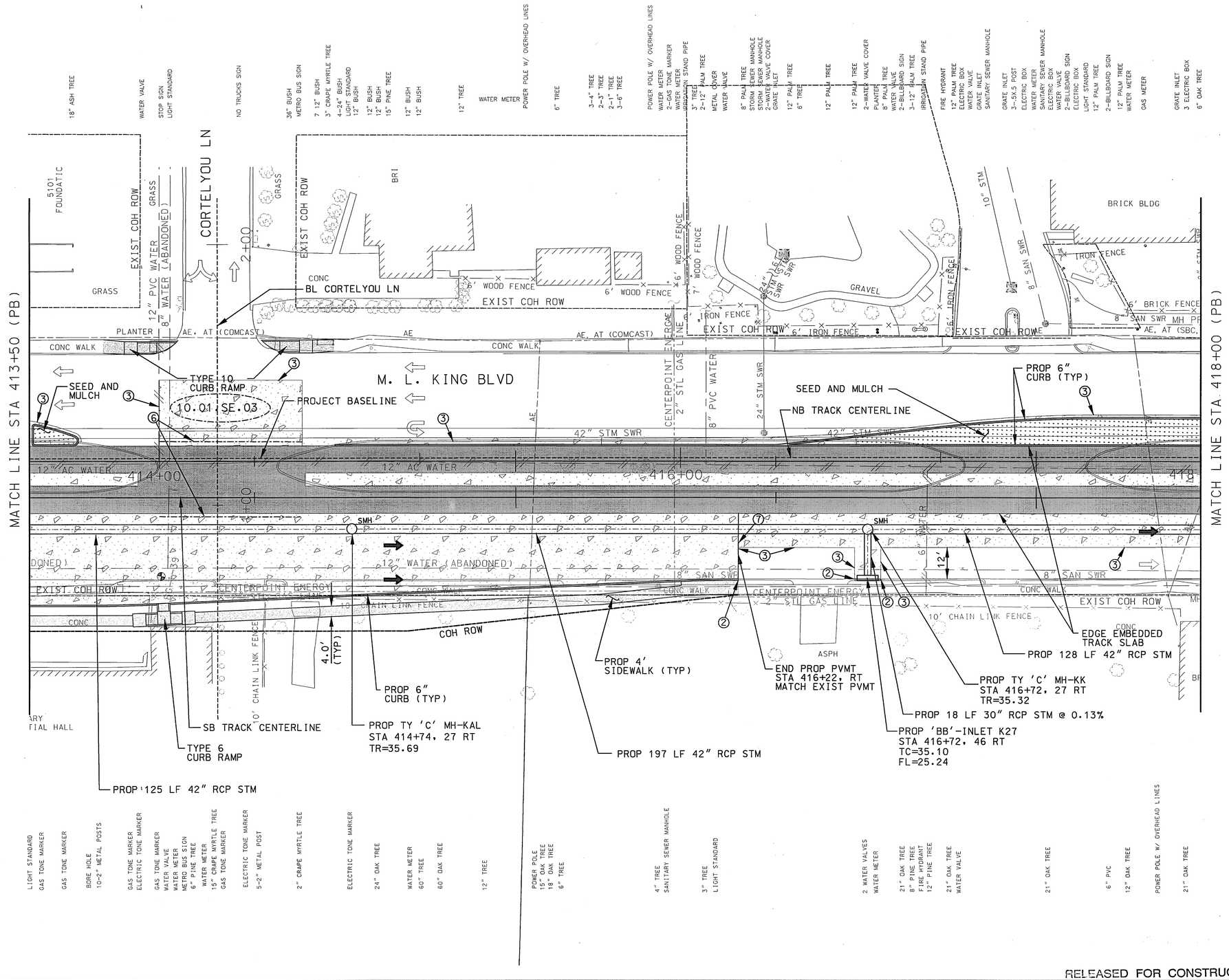

SCALE (IN FEET)
HORIZ 0 10 20 40

NOTES:

1. SEE DWG. NO. CC6-1069 FOR NOTES AND LEGEND.
2. NOISE WALL CLOSE-IN BARRIER LOCATION UNDER REVIEW.
3. SEE DWG. NO. UC6-0066P FOR PROFILE.
4. SEE DWG. NO. CC7-0066 FOR DEMOLITION.
5. SEE NOTE 6, 7 AND 8 OF GENERAL UTILITY NOTES ON DWG. NO. GC4-0100 FOR PAVEMENT REPLACEMENT REQUIREMENTS FOR PURPOSED WATER AND SEWER WORK.

PRIVATE UTILITY LINES SHOWN

12/15/09
CENTERPOINT ENERGY, GAS FACILITIES

SBC UTILITY LINES SHOWN

10/12/09
APPROVED FOR SBC UNDERGROUND CONDUIT FACILITIES ONLY. SIGNATURE VALID FOR ONE YEAR — DATE

12/15/09
CENTERPOINT ENERGY, ELECTRIC FACILITIES
APPROVED ONLY FOR CROSSING UNDERGROUND DUCTLINES UNLESS NOTED. VALID AT TIME OF REVIEW ONLY.

N/A
CABLE COMPANY

CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

STREET & BRIDGE ENGINEERING

29-DEC-2009
WAYNE CAUSIN-SOUTH. - SR. P.M.

ACCEPTED AND FILED
46697
CITY DRAWING NUMBER
HOUSTON, TEXAS

RELEASED FOR CONSTRUCTION JAN 25 2010

CONTRACT SHEET NO 97 OF 328

REV	DATE	DESCRIPTION	ADD	AMD	CCR	BY	ENG	CHK	APP

Lockwood, Andrews & Newnam, Inc.
A LEO A DALY COMPANY

STATE OF TEXAS — KUSAY MANIF ALI — 100382 — LICENSED PROFESSIONAL ENGINEER — 12/7/09 — Lockwood, Andrews & Newnam Inc. ID # 2614

DRAINAGE ONLY — STATE OF TEXAS — PATRICK W. PHILLIPS — 92917 — LICENSED PROFESSIONAL ENGINEER — 12/7/09 — Lockwood, Andrews & Newnam Inc. ID # 2614

HRT
HOUSTON RAPID TRANSIT JV

METRO Solutions
Going Places
Metropolitan Transit Authority of Harris County, Texas

CADD		11/06/09
DRN BY	J.H.	DATE 11/06/09
DRN CKD BY	G.L.C.	DATE 11/06/09
DES BY	K.M.A.	DATE 11/06/09
DES CKD BY	C.E.R.	DATE 11/06/09
APPROVED BY		DATE
SCALE: AS SHOWN		

METRO SOLUTIONS SOUTHEAST CORRIDOR-18

STREET MODIFICATION PLAN
STA 413+50 (PB) TO STA 418+00 (PB)

CONTRACT NO. CT0800120 | DRAWING NO. CC6-0066 | REV.

12/4/2009 GEWilliams 3:21:46 PM
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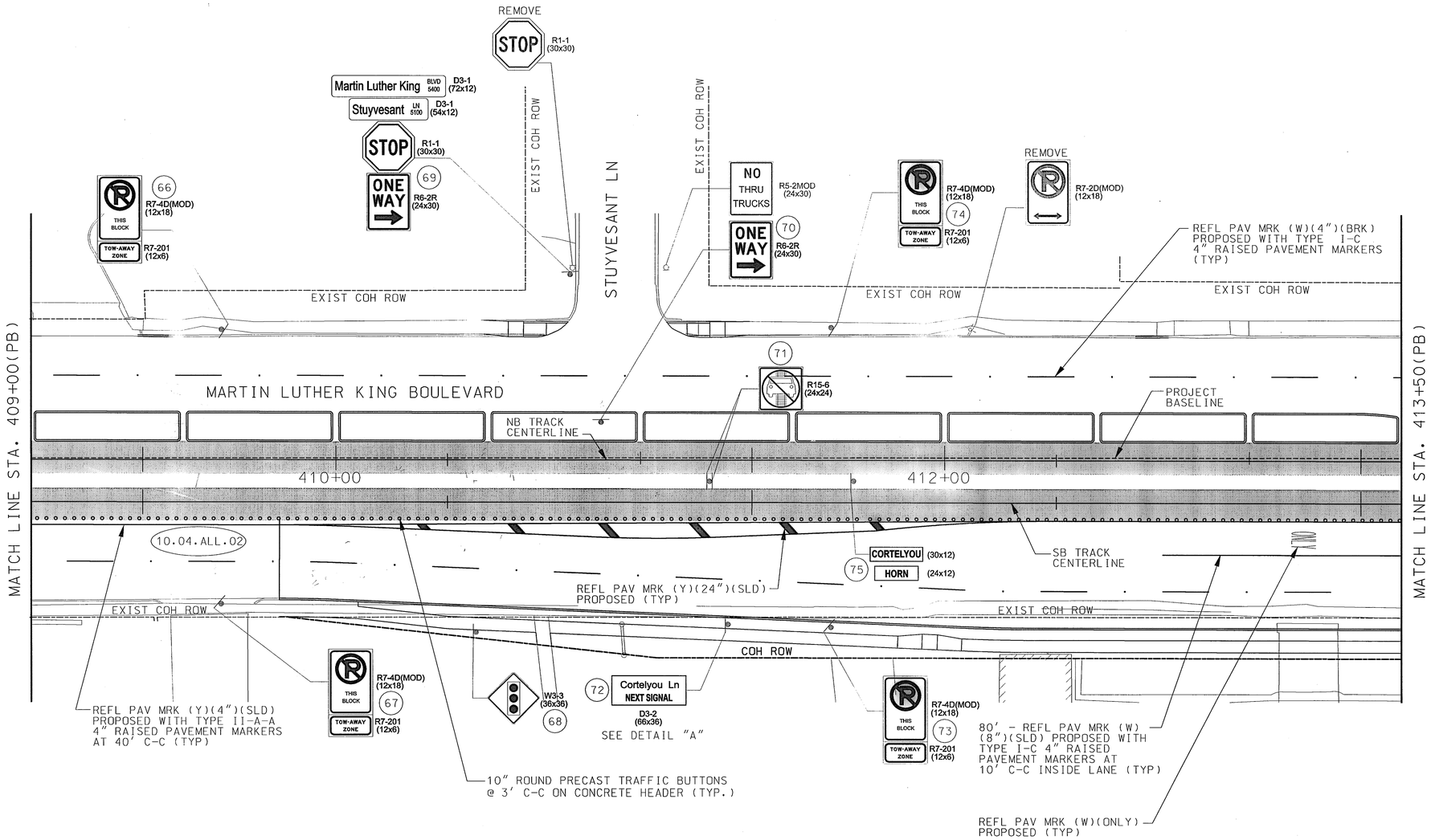


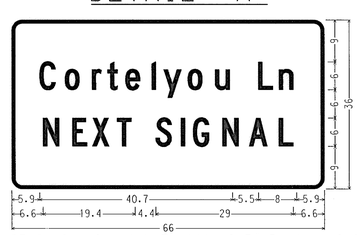
SCALE (IN FEET)
0 10 20 40

LEGEND

- EXISTING ROW
- PROPOSED ROW
- LRT TRACK ℄
- CROSSING GATE
- PROPOSED SIGN
- EXISTING SIGN

NOTES:
1. ALL PROPOSED MARKINGS SHOWN ARE TO BE INSTALLED IN ACCORDANCE WITH THE CITY OF HOUSTON STANDARD PAVEMENT MARKING DETAILS AND SPECIFICATIONS.
2. CONTRACTOR SHALL REMOVE ANY EXISTING PAVEMENT MARKINGS IN ACCORDANCE WITH THE CITY OF HOUSTON STANDARDS WHERE PROPOSED PAVEMENT MARKINGS ARE TO BE INSTALLED.
3. ALL SIGNS AND POSTS TO BE REMOVED SHALL BE RETURNED TO THE CITY OF HOUSTON TRAFFIC SHOP AS DIRECTED.
4. SEE LRT PLAN AND PROFILE SHEETS FOR SB AND NB RAIL STATIONING AND DETAILS.
5. SEE STREET MODIFICATION SHEETS FOR LIMITS OF PROPOSED STREET MODIFICATIONS.
6. SEE UTILITY PLAN AND PROFILE SHEETS FOR PROPOSED UTILITY RELOCATIONS.
7. ALL NEW SIGNAGE TO MEET TxMUTCD REQUIREMENTS AND SPACING.
8. SEE TRAFFIC SIGNAL SHEETS FOR LAYOUTS OF PROPOSED SIGNAL IMPROVEMENTS AND SIGNAL RELATED SIGNS.
9. 10.04.ALL.02 REFERS TO THE CITY OF HOUSTON APPROVED VARIANCE FOR TRAFFIC BUTTONS.

DETAIL "A"



D3-2 (Old Spanish Trail); 2.3" Radius, 0.8" Border, White on Green; [Cortelyou Ln] ClearviewHwy-3-W; [NEXT SIGNAL] ClearviewHwy-3-W;

CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING
STREET & BRIDGE ENGINEERING
WAYNE GAUDIN C.O.H. - SR. P.M.
RECEIVED AND FILED 46887 CITY DRAWING NUMBER HOUSTON, TEXAS

RELEASED FOR CONSTRUCTION JAN 25 2010

CONTRACT SHEET NO 115 OF 328

REV	DATE	DESCRIPTION	ADD	AMD	CCR	BY	ENG	CHK	APP

Lockwood, Andrews & Newnam, Inc.
A LEO A DALY COMPANY

STATE OF TEXAS LICENSED PROFESSIONAL ENGINEER THOMAS D. DUNCAN 98353 12/4/2009
Lockwood, Andrews & Newnam Inc. ID # 2614

HRT HOUSTON RAPID TRANSIT JV

METRO Solutions Going Places
Metropolitan Transit Authority of Harris County, Texas

CADD DRN BY	11/06/09 DATE
J.O. DRN CKD BY	11/06/09 DATE
T.D. DES BY	11/06/09 DATE
M.A.F. DES CKD BY	11/06/09 DATE
C.E.R. APPROVED BY	11/06/09 DATE
SCALE: AS SHOWN	

METRO SOLUTIONS SOUTHEAST CORRIDOR - 1B

SIGNING AND PAVEMENT MARKING
STA 409+00 (PB) TO
STA 413+50 (PB)

CONTRACT NO. CT0800120 | DRAWING NO. WC3-0066 | REV.

12/4/2009 JLOrtega 8:48:29 AM
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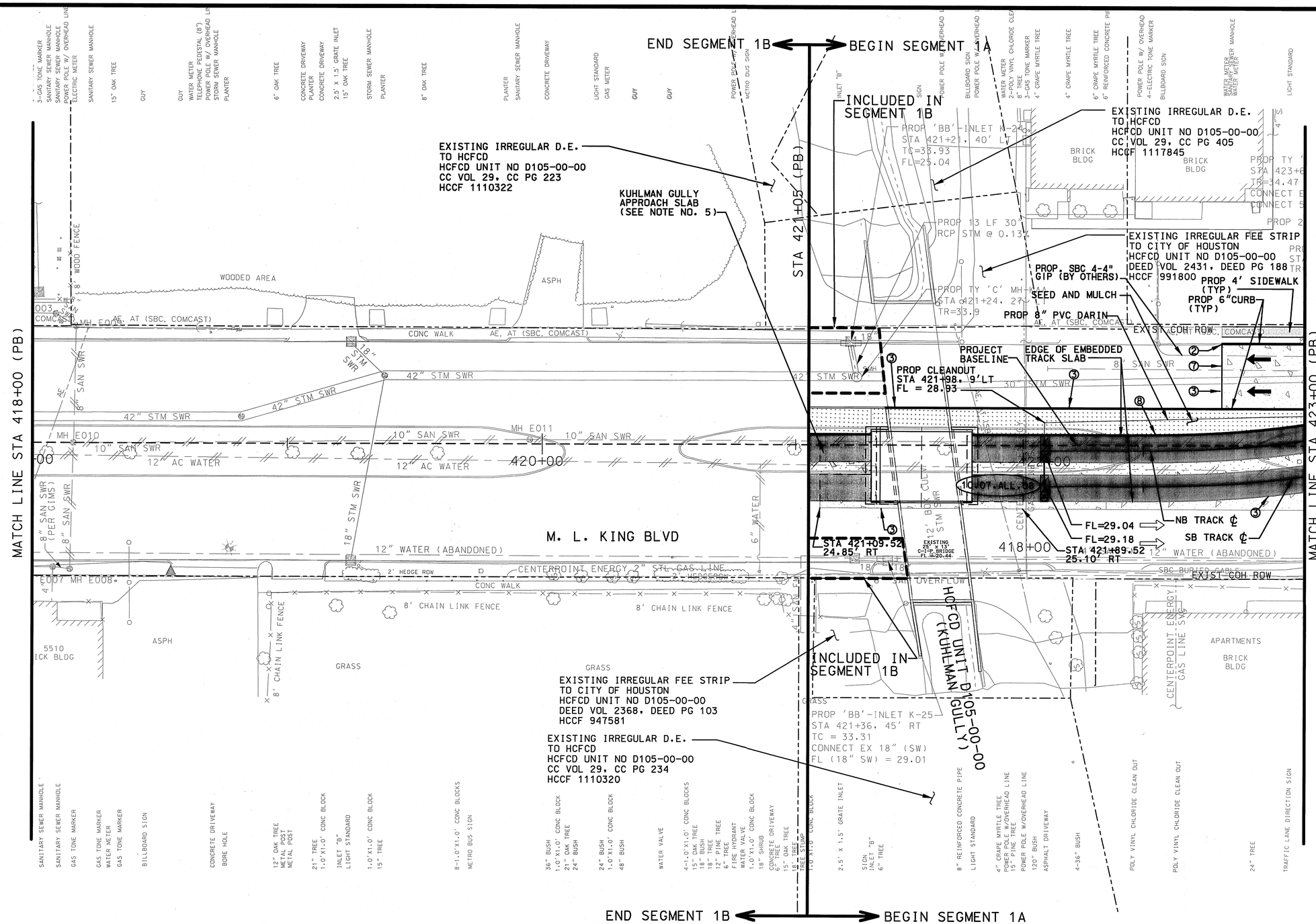

NOTES:

1. SEE DWG. NO. CC6-1068 FOR NOTES & LEGEND.
2. SEE NOTES 6, 7 AND 8 OF GENERAL UTILITY NOTES ON DWG. NO. GC4-0151, CC9-0151 AND CC9-0152 PAVEMENT REPLACEMENT REQUIREMENTS FOR PROPOSED WATER AND SEWER WORK.
3. SEE DWG. NO. CC7-4016 FOR DEMOLITION.
4. SEE DWG. NO. UC6-1050P FOR PROFILE.
5. SEE DWG. NO. SC8-0236, SC8-0237, AND SC8-0007 TO SC8-0018 FOR KUHLMAN GULLY APPROACH SLABS STRUCTURAL PLANS AND DETAILS.

RELEASED FOR CONSTRUCTION 8/12/10

PRIVATE UTILITY LINES SHOWN

6/30/10
CENTERPOINT ENERGY, GAS FACILITIES

SBC UTILITY LINES SHOWN

Diane C. Ward 7/1/10
APPROVED FOR SBC UNDERGROUND CONDUIT FACILITIES ONLY. SIGNATURE VALID FOR ONE YEAR — DATE

6/30/10
CENTERPOINT ENERGY, ELECTRIC FACILITIES
APPROVED ONLY FOR CROSSING UNDERGROUND DUCTLINES UNLESS NOTED. VALID AT TIME OF REVIEW ONLY.

CABLE COMPANY

CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

CONTRACT SHEET NO 97 OF 375

REV	DATE	DESCRIPTION	ADD	AMD	CCR	BY	ENG	CHK	APP

Lockwood, Andrews & Newnam, Inc.
A LEO A DAILY COMPANY

STATE OF TEXAS — RUSAT MANAF ALI — 100382 — LICENSED PROFESSIONAL ENGINEER — Lockwood, Andrews & Newnam Inc. ID # 2614

DRAINAGE ONLY — STATE OF TEXAS — PATRICK W. PHILLIPS — 92917 — LICENSED PROFESSIONAL ENGINEER — Lockwood, Andrews & Newnam Inc. ID # 2614

HRT — HOUSTON RAPID TRANSIT JV

METRO Solutions — Going Places — Metropolitan Transit Authority of Harris County, Texas

CADD		06/21/10
DRN BY	J.H.	DATE 06/21/10
DRN CKD BY	K.M.A.	DATE 06/21/10
DES BY	C.E.R.	DATE 06/21/10
DES CKD BY	K.M.A.	DATE 06/21/10
APPROVED BY		DATE

SCALE: AS SHOWN

METRO SOLUTIONS SOUTHEAST CORRIDOR - 1A

STREET MODIFICATION PLAN
STA 421+05 (PB) TO STA 423+00 (PB)

CONTRACT NO. CT0800120 | DRAWING NO. CC6-2038 | REV.

6/23/2010 Akundu 4:22:49 PM
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