SM-0048

SCALE (IN FEET)
HORIZ 0 10 20 40

MATCH LINE STA 333+00 (PB)

MATCH LINE STA 338+00 (PB)

PROP 76 LF 24" RCP STM @ 0.2%

PROP TYP 'BB' INLET I-9B
STA 334+23, 19' LT
TC=36.14
FL (NE & SW) = 28.73

PROP TYP 'C' MH I-26
STA 333+91, 41 RT
TR=37.01
FL=28.59

PROP TYP 'B' INLET I-9A
STA 335+67, 8' RT
TC=36.31
FL (NE & SW) = 28.33

PROP TYP 'BB' INLET I-9
STA 335+67, 18' LT
TC=36.01
FL=28.39

PROP TYP 'C' MH ID
STA 335+67, 0 RT
TR=36.28
CONNECT 18" RCP STM
FL (E) = 28.98

PROP TYP 'BB'
INLET I-11
STA 337+00, 54 RT
TC=35.90
FL=28.56

PROP 18 LF 24" RCP STM @ 0.2%

PROP 8 LF 24" RCP STM @ 0.2%

PROP 68 LF 24" RCP STM @ 0.2%

PROP 39 LF 24" RCP STM @ 0.2%

PROP 5 LF 24" RCP STM @ 0.2%

PROP 15 LF 24" RCP STM @ 0.2%

PROP 170 LF 24" RCP STM @ 0.2%

PROP 46 LF 30" RCP STM @ 0.13%

PROP TYP 'C' MH I-55
STA 333+76, 40 RT
TR=37.01
PROP 8 FT DIA MH
OVER PROP 18" SAN SWR DIP

PROP TYP 'C' MH I-25
STA 335+61, 47 RT
TR=36.45

PROP TYP 'M' JB-I5
STA 335+61, 98 RT
TR=37.23

PROP TYP 'BB' INLET I-12
STA 335+52, 141 RT
TC=36.24
FL=30.02

PROP 9 LF 24" RCP STM @ 0.2%

PROP TYP 'C' MH I-22
STA 335+61, 141 RT
TR=36.44

PROP TYP 'BB' INLET I-10
STA 333+91, 46 RT
TC=36.84
FL=28.60

PROP TYP 'BB' INLET I-13
STA 335+78, 141 RT
TC=36.26
FL=30.03

PROP 17 LF 24" RCP STM @ 0.2%

PROP TYP 'M' JB-I17
STA 337+00, 100 RT
TR=37.40

PROP 140 LF 4'X3' RCB STM

PROP 101 LF 4'X3' RCB STM

BEGIN PROP SOUND WALL
STA 335+95.72, 140.82 RT

ADA PASSING SPACE

PROP 6' SIDEWALK

PROP 6" CURB (TYP)

PROP 4' SIDEWALK (TYP)

PROP 42" FENCE (TYP)

TYPE 7 CURB RAMP

PROP DRIVEWAY

SEED AND MULCH

PROJECT BASELINE

NB TRACK ℄

SB TRACK ℄

EXIST COH ROW

COH ROW

UNIVERSITY CIRCULATORY RD

WHEELER AVE

ROCKWOOD

BL ROCKWOOD DR

TO PROJECT OUTFALL

SBC BURIED CABLE

EDGE OF BALLAST WALL

CENTERPOINT ENERGY

RELEASED FOR CONSTRUCTION MAY 12 2011

NOTES:

1. SEE DWG. NO. CC6-1071 FOR GENERAL NOTES AND LEGEND.
2. REFER TO TRACK CHARTS FOR SOUND WALLS PROFILE.
3. SEE DWG. NO. UC6-1080P FOR PROFILE.
4. SEE DWG. NO. UC6-1105P FOR ROCKWOOD PROFILE.
5. SEE DWG. NO. SC8-0230 TO SC8-0233 FOR SOUND WALL PROFILE.
6. SEE DWG. NO. CC7-4018 FOR DEMOLITION.
7. SEE NOTE 6, 7 AND 8 OF GENERAL UTILITY NOTES ON DWG. NO. GC4-0111, CC9-0017 AND CC9-0143 FOR PAVEMENT REPLACEMENT REQUIREMENTS AND PROPOSED WATER AND SEWER WORK.
8. LOCATION OF PROPOSED SBC FACILITIES ARE PRELIMINARY & SUBJECT TO CHANGE. REFER TO ISSUED SBC CONDUIT DESIGN DRAWINGS FOR FINAL LOCATION.

PRIVATE UTILITY LINES SHOWN

CENTERPOINT ENERGY, GAS FACILITIES 1/13/10

SBC UTILITY LINES SHOWN

APPROVED FOR SBC UNDERGROUND CONDUIT FACILITIES ONLY. SIGNATURE VALID FOR ONE YEAR 11/22/10 DATE

CENTERPOINT ENERGY, ELECTRIC FACILITIES 1/13/10
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

STREET & BRIDGE ENGINEERING

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

46773 REGISTERED PROFESSIONAL ENGINEER STATE OF TEXAS

CONTRACT SHEET NO 124 OF 462

REV	DATE	DESCRIPTION	ADD	AMD	CCR	BY	ENG	CHK	APP
1	01/17/2011	RFI#10.00011-2A004 Loch Wheeler adjustment				CM	K.A.		DW

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

STATE OF TEXAS KUSAY MANAF ALI 100382 PROFESSIONAL ENGINEER 1/11/10
Lockwood, Andrews & Newnam Inc. ID # 2614

DRAINAGE ONLY STATE OF TEXAS PATRICK M. PHILLIPS 92917 PROFESSIONAL ENGINEER 1/12/10
Lockwood, Andrews & Newnam Inc. ID # 2614

HRT HOUSTON RAPID TRANSIT JV.

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

CADD	12/07/09 DATE
DRN BY J.H.	12/07/09 DATE
DRN CKD BY G.L.C.	12/07/09 DATE
DES BY K.M.A.	12/07/09 DATE
DES CKD BY C.E.R.	12/07/09 DATE
APPROVED BY	DATE
SCALE: AS SHOWN	

METRO SOLUTIONS SOUTHEAST CORRIDOR - 2A

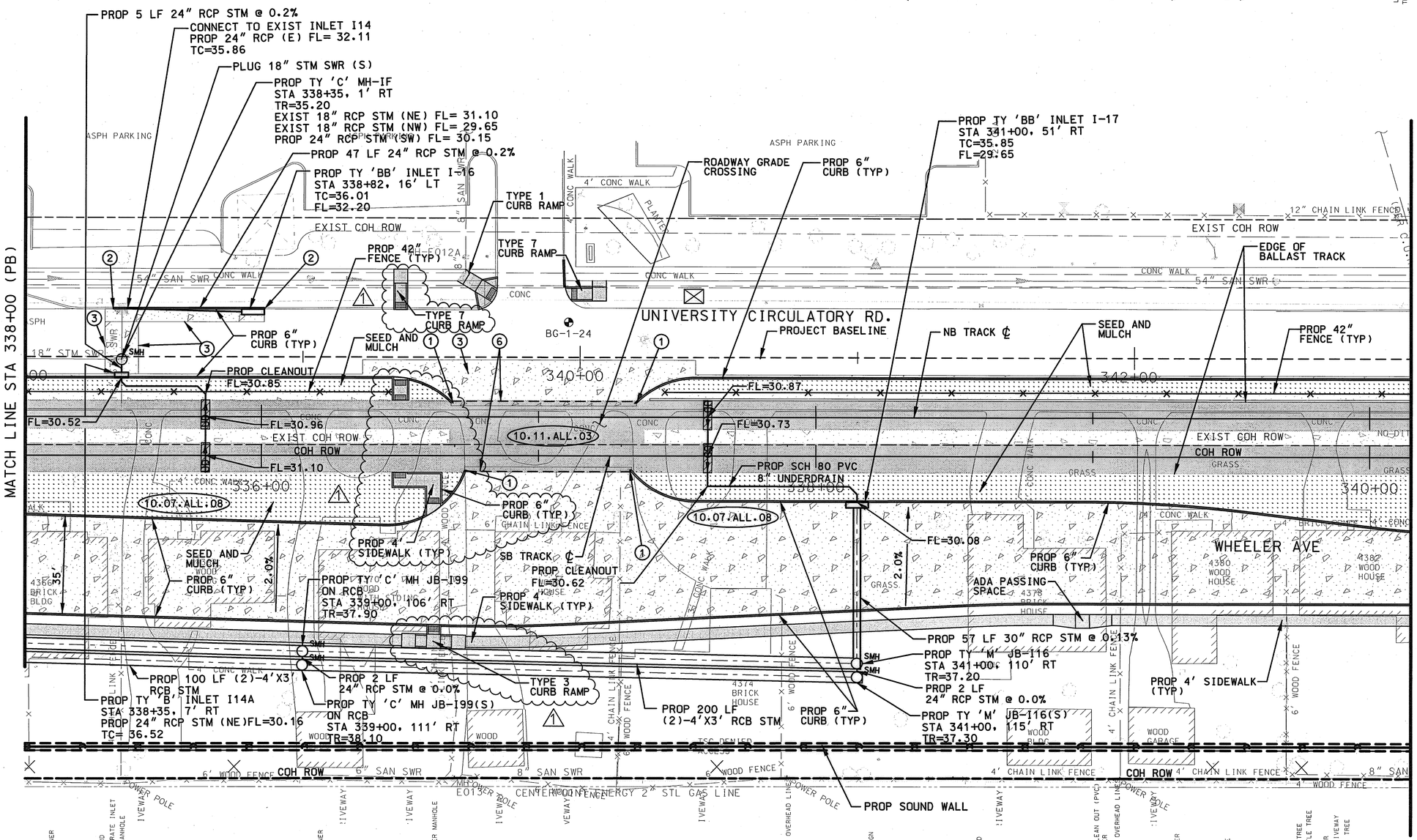
STREET MODIFICATION PLAN STA 333+00 (PB) TO STA 338+00 (PB)

CONTRACT NO. CT0800120 | DRAWING NO. CC6-0048 | REV. 1

r:\120409\150-10118-000\prod\50*design-reference\50*01 geo design\50*01*01 drawings\03-civil-street mods\SEGMENT 2A\SEC4ST106.dgn 1/8/2010 5:25:57 PM PMurthy

SM-0049

NO PARKING SIGN
TRAFFIC SIGNAL BOX\CONTROLLER
POWER POLE W/ OVERHEAD LINES
TRAFFIC SIGN
1.5' X 1.5' GRATE INLET
ATT SIGN
FIRE HYDRANT
TOWER
9-12" OAK TREES
WATER METER
POWER POLE W/ OVERHEAD LINES
SANITARY SEWER MANHOLE
VALVE COVER WATER
STOP SIGN
24' CONCRETE DRIVEWAY
VALVE COVER WATER
WATER VALVE
2-STOP SIGN STANDARDS
1.0"X5.0' U OF H SIGN
(W/ CONC BASE)
12" CRAPE MYRTLE TREE
2-10" CRAPE MYRTLE TREES
BORE HOLE (NO ID)
6" CRAPE MYRTLE TREE
12" OAK TREE
POWER POLE W/ OVERHEAD LINES
TREE STUMP
4-15" CRAPE MYRTLE TREES
3-15" CRAPE MYRTLE TREES
1' X1.5' ELECTRIC BOX
1.5' X 1.5' GRATE INLET
2-WATER METER
15" TREE
15" CRAPE MYRTLE TREE
2-WATER VALVE
FIRE HYDRANT
1.5' X 1.5' GRATE INLET
LIGHT STANDARD
TRAFFIC SIGNAL BOX\CONTROLLER



NOTES:

1. SEE DWG. NO. CC6-1071 FOR GENERAL NOTES AND LEGEND.
2. REFER TO TRACK CHARTS FOR SOUND WALLS PROFILE.
3. SEE DWG. NO. UC6-1081P FOR PROFILE.
4. SEE DWG. NO. SC8-0230 TO SC8-0233 FOR SOUND WALL PROFILE.
5. SEE DWG. NO. CC7-4019 FOR DEMOLITION.
6. SEE NOTE 6, 7 AND 8 OF GENERAL UTILITY NOTES ON DWG. NO. GC4-0111, CC9-0017 AND CC9-0143 FOR PAVEMENT REPLACEMENT REQUIREMENTS FOR PROPOSED WATER AND SEWER WORK.
7. LOCATION OF PROPOSED SBC FACILITIES ARE PRELIMINARY & SUBJECT TO CHANGE. REFER TO ISSUED SBC CONDUIT DESIGN DRAWINGS FOR FINAL LOCATION.

RELEASED FOR CONSTRUCTION 9-21-2011

PRIVATE UTILITY LINES SHOWN

CENTERPOINT ENERGY, GAS FACILITIES

SBC UTILITY LINES SHOWN

APPROVED FOR SBC UNDERGROUND CONDUIT FACILITIES ONLY. SIGNATURE VALID FOR ONE YEAR — DATE

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

RELEASED FOR CONSTRUCTION

CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

REGISTERED PROFESSIONAL ENGINEER 46773 STATE OF TEXAS

CONTRACT SHEET NO 126 OF 462

REV	DATE	DESCRIPTION	ADD	AMD	CCR	BY	ENG	CHK	APP
1	04/25/2011	RFR NO. 00037 - 2A CURB RAMP MODIFICATIONS				CM	KA		

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

STATE OF TEXAS — KUSAY M. 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	09/15/11 DATE
DRN BY G.M.	09/15/11 DATE
DRN CKD BY K.M.A.	09/15/11 DATE
DES BY J.T.H.	09/15/11 DATE
DES CKD BY C.E.R.	09/15/11 DATE
APPROVED BY	DATE
SCALE: AS SHOWN	

METRO SOLUTIONS SOUTHEAST CORRIDOR - 2A

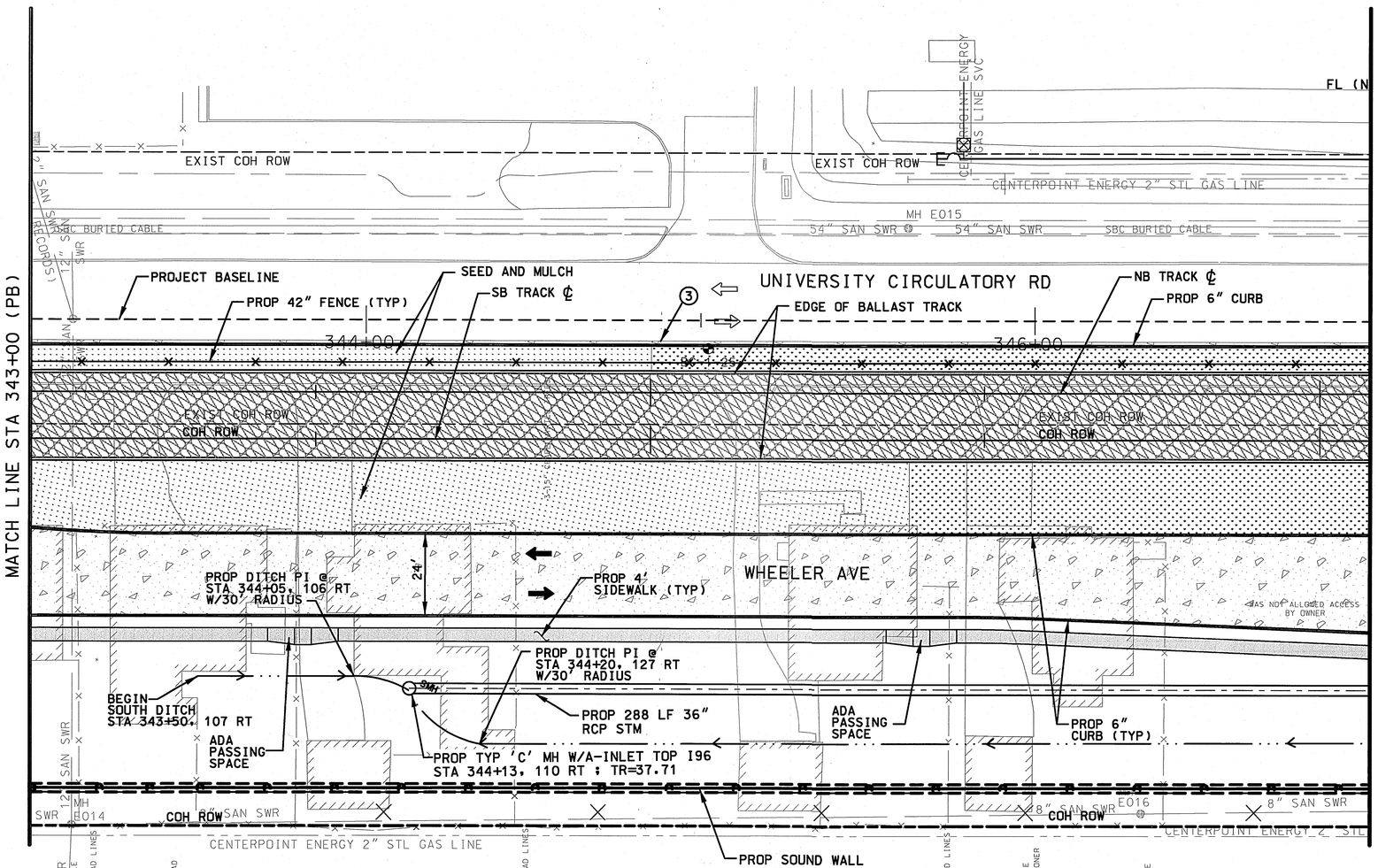
STREET MODIFICATION PLAN STA 338+00 (PB) TO STA 343+00 (PB)

CONTRACT NO. CT0800120 | DRAWING NO. CC6-0049 | REV. 1

9/2/2011 cmoore R:\120409\150-10118-000\Prod\50-0•Design-Reference\5•01 GEC Design\5•01•01 Drawings\03-Civil-Street Mods\SEGMENT 2A\SEC4ST107REV1.dgn 11:52:27 AM

SM-0050

1.5' X 1.5' GRATE INLET
POWER POLE W/ OVERHEAD LINES
SANITARY SEWER MANHOLE
3-10" CRAPE MYRTLE TREES
30" TREE
24" OAK TREE
BORE HOLE (NO ID)
TOWER
1" X1.5" ELECTRIC BOX
4" SANITARY CLEAN OUT (PVC)
4-10" CRAPE MYRTLE TREES
6" CRAPE MYRTLE TREE
6" CRAPE MYRTLE TREE
STOP SIGN
21' CONCRETE DRIVEWAY
0.4'X2.5' PARKING SIGN
(W/ CONC BASE)
1.0'X5.0' U OF H SIGN
(W/ CONC BASE)
POWER POLE W/ OVERHEAD LINES
2_VALVE COVER WATER
SANITARY SEWER MANHOLE
GAS ENTEX METER BOX
GAS METER
FIRE HYDRANT
4" SANITARY CLEAN OUT (PVC)
GAS TONE MARKER
LIGHT STANDARD
POWER POLE W/ OVERHEAD LINES
ANTENNA (TELECOMMUNICATIONS RIX



NOTES:

1. SEE DWG. NO. CC6-1071 FOR GENERAL NOTES AND LEGEND.
2. REFER TO TRACK CHARTS FOR SOUND WALLS PROFILE.
3. SEE DWG. NO. UC6-0050P FOR PROFILE.
4. SEE DWG. NO. SC8-0230 TO SC8-0233 FOR SOUND WALL PROFILES.
5. SEE DWG. NO. CC7-0050 FOR DEMOLITION.
6. SEE NOTE 6, 7 AND 8 OF GENERAL UTILITY NOTES ON DWG. NO. GC4-0111, CC9-0017 AND CC9-0143 FOR PAVEMENT REPLACEMENT REQUIREMENTS FOR PROPOSED WATER AND SEWER WORK.
7. LOCATION OF PROPOSED SBC FACILITIES ARE PRELIMINARY & SUBJECT TO CHANGE. REFER TO ISSUED SBC CONDUIT DESIGN DRAWINGS FOR FINAL LOCATION.

PRIVATE UTILITY LINES SHOWN

CENTERPOINT ENERGY, GAS FACILITIES — 4/13/10

SBC UTILITY LINES SHOWN

Diana C. Ward — 11/22/10
APPROVED FOR SBC UNDERGROUND CONDUIT FACILITIES ONLY. SIGNATURE VALID FOR ONE YEAR — DATE

CENTERPOINT ENERGY, ELECTRIC FACILITIES — 1/13/10
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

STREET & BRIDGE ENGINEERING

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

APPROVED AND FILED
00773
CITY DRAWING NUMBER
HOUSTON, TEXAS

RELEASED FOR CONSTRUCTION MAR 0 9 2010

CONTRACT SHEET NO 128 OF 462

REV	DATE	DESCRIPTION	ADD	AMD	CCR	BY	ENG	CHK	APP

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

KUSAY MAHF ALI, 100382, LICENSED PROFESSIONAL ENGINEER, STATE OF TEXAS
Lockwood, Andrews & Newnam Inc. ID # 2614

PATRICK N. PHILLIPS, 92977, LICENSED PROFESSIONAL ENGINEER, STATE OF TEXAS, 12/10
Lockwood, Andrews & Newnam Inc. ID # 2614

HRT HOUSTON RAPID TRANSIT JV

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

CADD	12/07/09
DRN BY J.H.	DATE 12/07/09
DRN CKD BY G.L.C.	DATE 12/07/09
DES BY K.M.A.	DATE 12/07/09
DES CKD BY C.E.R.	DATE 12/07/09
APPROVED BY	DATE
SCALE: AS SHOWN	

METRO SOLUTIONS SOUTHEAST CORRIDOR - 2A

STREET MODIFICATION PLAN STA 343+00 (PB) TO STA 347+00 (PB)

CONTRACT NO. CT0800120 | DRAWING NO. CC6-0050 | REV.

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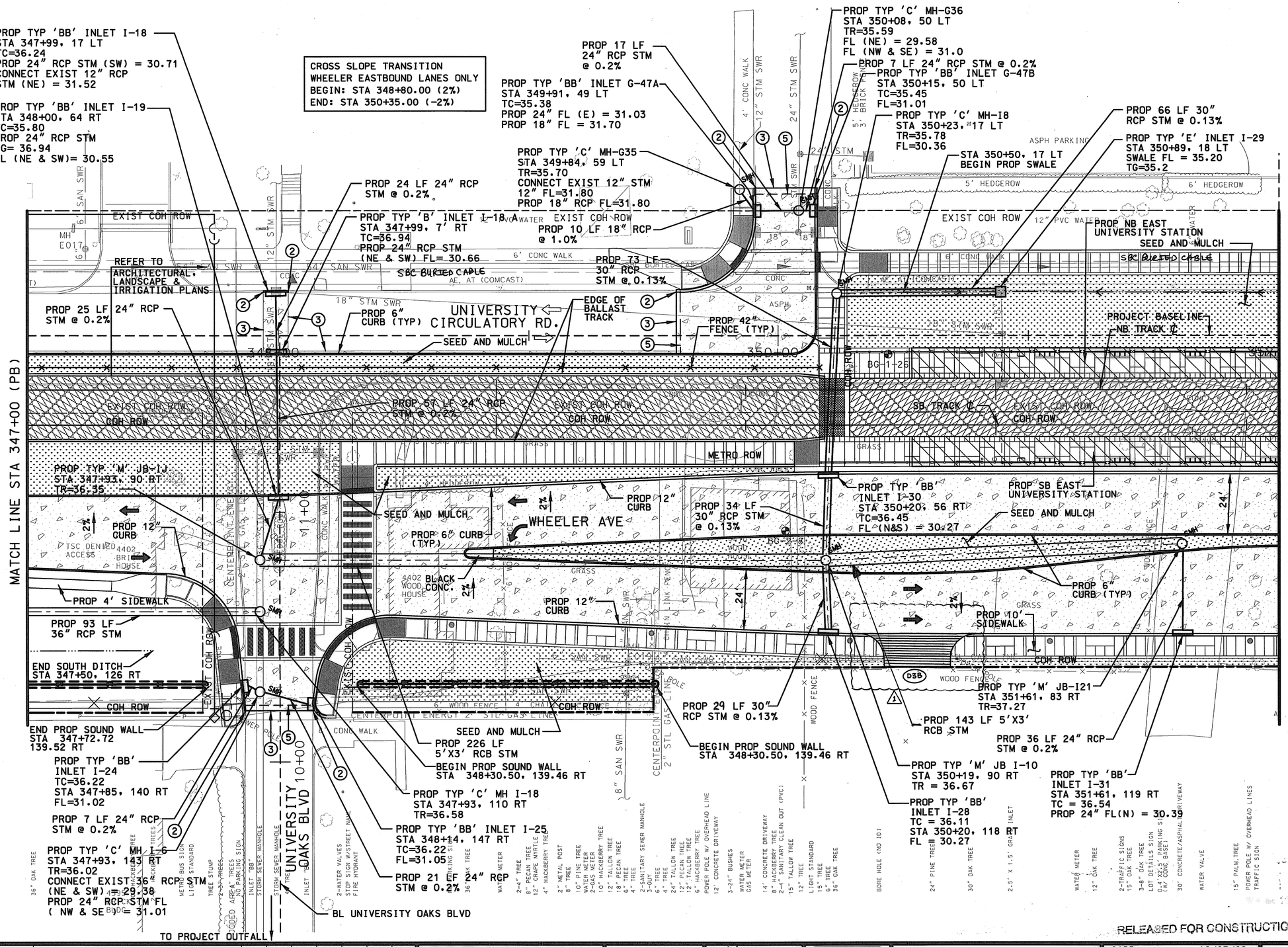
SM-0051



NOTES:

1. SEE DWG. NO. CC6-1071 FOR GENERAL NOTES AND LEGEND.
2. REFER TO TRACK CHARTS FOR SOUND WALLS PROFILE.
3. FOR STATION PLATFORMS, CROSSWALK DETAILS AND SIDEWALK WITHIN URBAN TRANSIT ZONE, SEE ARCHITECTURAL, LANDSCAPE & IRRIGATION PLANS.
4. SEE DWG. NO. UC6-0051P FOR PROFILE.
5. SEE DWG. NO. UC6-1105P FOR UNIVERSITY OAKS PROFILE.
6. SEE DWG. NO. SC8-0230 TO SC8-0233 FOR SOUND WALL PROFILE.
7. SEE DWG. NO. CC7-0051 FOR DEMOLITION.
8. SEE NOTE 6, 7 AND 8 OF GENERAL UTILITY NOTES ON DWG. NO. GC4-0111, CC9-0017 AND CC9-0143 FOR PAVEMENT REPLACEMENT REQUIREMENTS FOR PROPOSED WATER AND SEWER WORK.
9. LOCATION OF PROPOSED SBC FACILITIES ARE PRELIMINARY & SUBJECT TO CHANGE. REFER TO ISSUED SBC CONDUIT DESIGN DRAWINGS FOR FINAL LOCATION.

PRIVATE UTILITY LINES SHOWN

CENTERPOINT ENERGY, GAS FACILITIES — 1/18/10

SBC UTILITY LINES SHOWN

Diana C. Ward — 1/22/10 DATE

APPROVED FOR SBC UNDERGROUND CONDUIT FACILITIES ONLY. SIGNATURE VALID FOR ONE YEAR

CENTERPOINT ENERGY, ELECTRIC FACILITIES — 1/13/10

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

STREET & BRIDGE ENGINEERING

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

RECORDED AND FILED
46773
TV DRAWING NUMBER
HARRIS COUNTY, TEXAS

RELEASED FOR CONSTRUCTION MAY 12 2011

CONTRACT SHEET NO 130 OF 462

REV	DATE	DESCRIPTION	ADD	AMD	CCR	BY	ENG	CHK	APP
1	01/17/2011	RFI No.00011-2A004 U@H WHEELER ADJUSTMENT				CM	K.A.		DW

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

RUSAY MANAF ALI — 100382 — LICENSED PROFESSIONAL ENGINEER — 1/12/10 — Lockwood, Andrews & Newnam Inc. ID # 2614

DRAWING ONLY — PATRICK M. PHILLIPS — 92917 — LICENSED PROFESSIONAL ENGINEER — 1/12/10 — Lockwood, Andrews & Newnam Inc. ID # 2614

HRT
HOUSTON
RAPID TRANSIT JV

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

CADD	12/07/09 DATE
DRN BY J.H.	12/07/09 DATE
DRN CKD BY G.L.C.	12/07/09 DATE
DES BY K.M.A.	12/07/09 DATE
DES CKD BY C.E.R.	12/07/09 DATE
APPROVED BY	DATE
SCALE: AS SHOWN	

METRO SOLUTIONS SOUTHEAST CORRIDOR - 2A

STREET MODIFICATION PLAN STA 347+00 (PB) TO STA 352+00 (PB)

CONTRACT NO. CT0800120 | DRAWING NO. CC6-0051 | REV. 1

I:\2040\9\50-10118-000\prod\5+0+design-reference\5+01 geo design\5+01+01 drawings\03-civil-street mods\SEGMENT 2A\SEC4ST39.dgn
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SM-0052

BEGIN NORTH DITCH
STA 353+06, 18 LT

PROP TYP 'BB' INLET G-55
STA 353+16, 54 LT
TC=37.69
FL=30.69

STA 352+69, 17 LT
END PROP
GRASS SWALE

PROJECT BASELINE

PROP TYP 'A' INLET G-60
STA 354+68, 13 LT
TC=35.50

PROP TYP 'BB' INLET G-77
STA 354+82, 7 LT
TC=37.55

PROP DITCH PI
STA 354+65, 18 LT
30' RADIUS

END NORTH DITCH
STA 354+75, 7 LT

MATCH LINE STA 352+00 (PB)

MATCH LINE STA 356+00 (PB)

CALHOUN RD

WHEELER AVE

EXIST COH ROW

EXIST COH ROW 7

COH ROW

EDGE OF BALLAST TRACK

SEED AND MULCH

NB TRACK ℄

SB TRACK ℄

PROP UNIVERSITY STATION

PROP 42" FENCE (TYP)

PROP. SBC 1-16" STL. CSNG.

PROP 26 LF 24" RCP STM

PROP 6 LF 24" RCP STM

PROP TYP 'C' MH-G35
STA 354+86, 14 RT
TR=37.63

ROADWAY GRADE CROSSING

PROP 12" CURB

PROP 6" CURB (TYP)

PROP 4' SIDEWALK

REFER TO ARCHITECTURAL, LANDSCAPE & IRRIGATION PLANS

PROP SBC 2-4" GIP (BY OTHERS) & PROP SBC 2-4 GIP (BETTERMENT) (BY OTHERS)

PROP TYP 'C' MH-G28
STA 353+15, 116 RT
TR = 36.62

PROP 6 LF 24" RCP
STM @ 0.2%

PROP TYP 'BB' INLET G-54
STA 353+15, 122 RT
TC = 37.0
FL= 30.58

SEED AND MULCH

PROP 63 LF 24"RCP
STM @ 0.2%

PROP 10' SIDEWALK (TYP)

PROP 176 LF 24" RCP STM @ 0.2%

PROP TYP 'C' MH-GBG
STA 355+76, 76 RT
TR = 37.83

PROP 29' LF 24" RCP STM @ 0.2%

PROP SBC HH#8 (BY OTHERS)

CRITICAL LOCATE
SEE COH SPEC 02317

10.11.ALL.03

BLACK CONC.

MLK BLVD

CROSS SLOPE TRANSITION:

EB WHEELER ST:
FROM STA 354+06.00 TO STA 355+69.55
(-2.0% TO MATCH TRACK X-SLOPE)

WB WHEELER ST:
FROM STA 353+50.00 TO STA 354+44.92
(+2.0% TO MATCH TRACK X-SLOPE)

SCALE (IN FEET)
HORIZ
0 10 20 40

NOTES:

1. SEE DWG NO. CC6-1071 FOR GENERAL NOTES AND LEGEND.
2. FOR STATION PLATFORM, CROSSWALK DETAILS AND SIDEWALKS WITHIN URBAN TRANSIT ZONE, SEE ARCHITECTURAL, LANDSCAPE AND IRRIGATION PLANS.
3. SEE DWG NO. UC6-0052P FOR PROFILE.
4. SEE DWG NO. CC6-1082 FOR WHEELER RAIL CROSSING.
5. SEE DWG NO. CC7-0052 FOR DEMOLITION.
6. SEE NOTE 6, 7, AND 8 FOR GENERAL UTILITY NOTES ON DWG NO. GC4-0111, CC9-0017, AND CC9-0143 FOR PAVEMENT REPLACEMENT REQUIREMENTS FOR PROPOSED WATER AND SEWER WORK.
7. LOCATION OF PROPOSED SBC FACILITIES ARE PRELIMINARY & SUBJECT TO CHANGE. REFER TO ISSUED SBC CONDUIT DESIGN DRAWINGS FOR FINAL LOCATION.

PRIVATE UTILITY LINES SHOWN

CENTERPOINT ENERGY, GAS FACILITIES — 1/13/10

SBC UTILITY LINES SHOWN

Diana C. Ward — 1/22/10
APPROVED FOR SBC UNDERGROUND CONDUIT FACILITIES ONLY. SIGNATURE VALID FOR ONE YEAR — DATE

CENTERPOINT ENERGY, ELECTRIC FACILITIES — 1/13/10
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

STREET & BRIDGE ENGINEERING

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

46773
CITY DEPARTMENT NUMBER
HOUSTON, TEXAS

RELEASED FOR CONSTRUCTION
MAR 09 2010

CONTRACT SHEET NO 132 OF 462

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 — Lockwood, Andrews & Newnam Inc. ID # 2614 — 1/13/10

DRAINAGE ONLY — STATE OF TEXAS — PATRICK W. PHILLIPS — 92917 — LICENSED PROFESSIONAL ENGINEER — Lockwood, Andrews & Newnam Inc. ID # 2614 — 1/13/10

HRT — HOUSTON RAPID TRANSIT JV

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

CADD		12/07/09
DRN BY	J.H.	DATE 12/07/09
DRN CKD BY	C.L.C.	DATE 12/07/09
DES BY	K.M.A.	DATE 12/07/09
DES CKD BY	C.E.R.	DATE 12/07/09
APPROVED BY		DATE

SCALE: AS SHOWN

METRO SOLUTIONS SOUTHEAST CORRIDOR - 2A

STREET MODIFICATION PLAN STA 352+00 (PB) TO STA 356+00 (PB)

CONTRACT NO. CT0800120 | DRAWING NO. CC6-0052 | REV.

1/8/2010 PMurthy 5:28:07 PM
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END SEGMENT 2A

STA 360+53 (PB)

INCLUDE APPROACH SLAB IN SEGMENT 1C

INCLUDE IN SEGMENT 2A

MATCH LINE STA. 356+00 (PB)

WHEELER AVE

EXIST COH ROW

TRAFFIC SIGNAL CONTROLLER BOX

24" STM SWR

48" FORCE MAIN

TRAFFIC SIGNAL BOX/CONTROLLER

TRAFFIC LANE DIRECTION SIGN

PROP TYP 'B' INLET G-72
STA 356+08, 3 RT
TC=37.53
FL=29.66

PROP 49 LF 24"
RCP STM @ 0.2 %

PROP TYP 'BB' INLET G-53
STA 356+53, 29 LT
TC=37.18
CONNECT EXIST 24" STM (N)
FL (N) = 31.45

PROP 83 LF 24"
RCP @ 0.2 %

PROP TYP 'C' MH-G29A
STA 357+07, 43 RT
TR=36.69

PROP 6"
CURB (TYP)

PROJECT BASELINE

ROADWAY GRADE CROSSING

NB TRACK ℄

SB TRACK ℄

10.11.ALL.03

358+00

M. L. KING BLVD

CAUTION:
48" SANITARY
FORCE MAIN
SEE NOTE 7

COH ROW

EXIST COH ROW

PROP 6" CURB (TYP)

TYPE 7
CURB RAMP

PROP 184 LF 24"RCP STM

PROP 4' SIDEWALK (TYP)

REFER TO
ARCHITECTURAL,
LANDSCAPE &
IRRIGATION PLANS

8" SAN SWR

PROP 94 LF
24" RCP STM

PROP TYP 'C' MH-G29
STA 356+14, 52 RT
TG=37.44

PROP 16 LF 24" RCP
@ 0.2%

PROP 13 LF 24"
RCP STM @ 0.2%

PROP TYP 'A' INLET G-58A
STA 357+03, 52 RT
TG=36.44
PROP 24" RCP STM (NE)= 28.58

6" SUMP DISCHARGE

CENTERPOINT ENERGY 6" STL GAS LINE

18" STM SWR

48" FORCE MAIN

"SUMP DISCHARGE"

METRO ROW

TPSS SITE

METRO ROW

METRO ROW

METRO ROW

PROP DRIVEWAY

D4

CALHOUN RD

SIGN BASE

SANITARY CLEAN OUT (PVC)

SANITARY SEWER MANHOLE

STOP SIGN

2.5' X 2.5' GRATE INLET

STORM SEWER MANHOLE

1.5' X 1.5' GRATE INLET

TRAFFIC SIGNAL BOX/CONTROLLER

BL CALHOUN

10+00

EDGE OF BALLAST TRACK

360+00

PROP 6" CURB (TYP)

EXIST COH ROW

END SEGMENT 2A

D7

PROP DRIVEWAY

D6

D5

PROP DRIVEWAY

PROP TYP 'BB' INLET G-58
STA 358+97, 48 RT
TC=35.2

PROP 16 LF 24" RCP STM

TYPE 7
CURB RAMP

PROP TYP 'C' MH G-7
STA 358+82, 44 RT
TR=34.83
CONNECT EXIST 8" STM (SW)

PROP 6"
CURB (TYP)

PROP TYP 'BB' INLET G-57
STA 358+82, 39 LT
TC=35.28

8" STM SWR

8" SAN SWR

SAN SWR

STM SWR

SCALE (IN FEET)
HORIZ. 0 10 20 40

NOTES:

1. SEE DWG. NO. CC6-1071 FOR GENERAL NOTES AND LEGEND.
2. FOR STATION PLATFORM, CROSSWALK DETAILS AND SIDEWALKS WITHIN URBAN TRANSIT ZONE, SEE ARCHITECTURAL, LANDSCAPE & IRRIGATION PLANS.
3. SEE DWG. NO. UC6-1082P FOR PROFILE.
4. SEE DWG. NO. UC6-1108P FOR CALHOUN RD PROFILE.
5. SEE DWG. NO. CC7-0053 FOR DEMOLITION.
6. SEE NOTES 6, 7 AND 8 OF GENERAL UTILITY NOTES ON DWG. NO. GC4-0111, CC9-0017 AND CC9-0143 FOR PAVEMENT REPLACEMENT REQUIREMENTS AND PROPOSED WATER AND SEWER WORK.
7. CONTRACTOR TO BRACE AND SUPPORT 48" SANITARY FORCE MAIN DURING CONSTRUCTION OF PROPOSED 24" STORM SEWER.
8. LOCATION OF PROPOSED SBC FACILITIES ARE PRELIMINARY & SUBJECT TO CHANGE. REFER TO ISSUED SBC CONDUIT DESIGN DRAWINGS FOR FINAL LOCATION.

PRIVATE UTILITY LINES SHOWN

4/13/10
CENTERPOINT ENERGY, GAS FACILITIES

SBC UTILITY LINES SHOWN

Diana C. Ward 11/22/10
APPROVED FOR SBC UNDERGROUND CONDUIT FACILITIES ONLY. SIGNATURE VALID FOR ONE YEAR — DATE

4/13/10
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

STREET & BRIDGE ENGINEERING

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

ACCEPTED AND FILED
46773
CITY DRAWING NUMBER
HOUSTON, TEXAS

MAR 0 9 2010

RELEASED FOR CONSTRUCTION

CONTRACT SHEET NO 134 OF 462

REV	DATE	DESCRIPTION	ADD	AMD	CCR	BY	ENG	CHK	APP

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

SUSAN MARIE ALI 100382 LICENSED PROFESSIONAL ENGINEER 1/12/10
Lockwood, Andrews & Newnam Inc. ID # 2614

DRAINAGE ONLY PATRICK B. PHILLIPS 92917 LICENSED PROFESSIONAL ENGINEER 1/12/10
Lockwood, Andrews & Newnam Inc. ID # 2614

HRT
HOUSTON RAPID TRANSIT JV

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

CADD	12/07/09 DATE
DRN BY J.H.	12/07/09 DATE
DRN CKD BY G.L.C.	12/07/09 DATE
DES BY K.M.A.	12/07/09 DATE
DES CKD BY C.E.R.	12/07/09 DATE
APPROVED BY	DATE
SCALE: AS SHOWN	

METRO SOLUTIONS SOUTHEAST CORRIDOR - 2A

STREET MODIFICATION PLAN STA 356+00 (PB) TO STA 360+53 (PB)

CONTRACT NO. CT0800120 | DRAWING NO. CC6-0053 | REV.

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