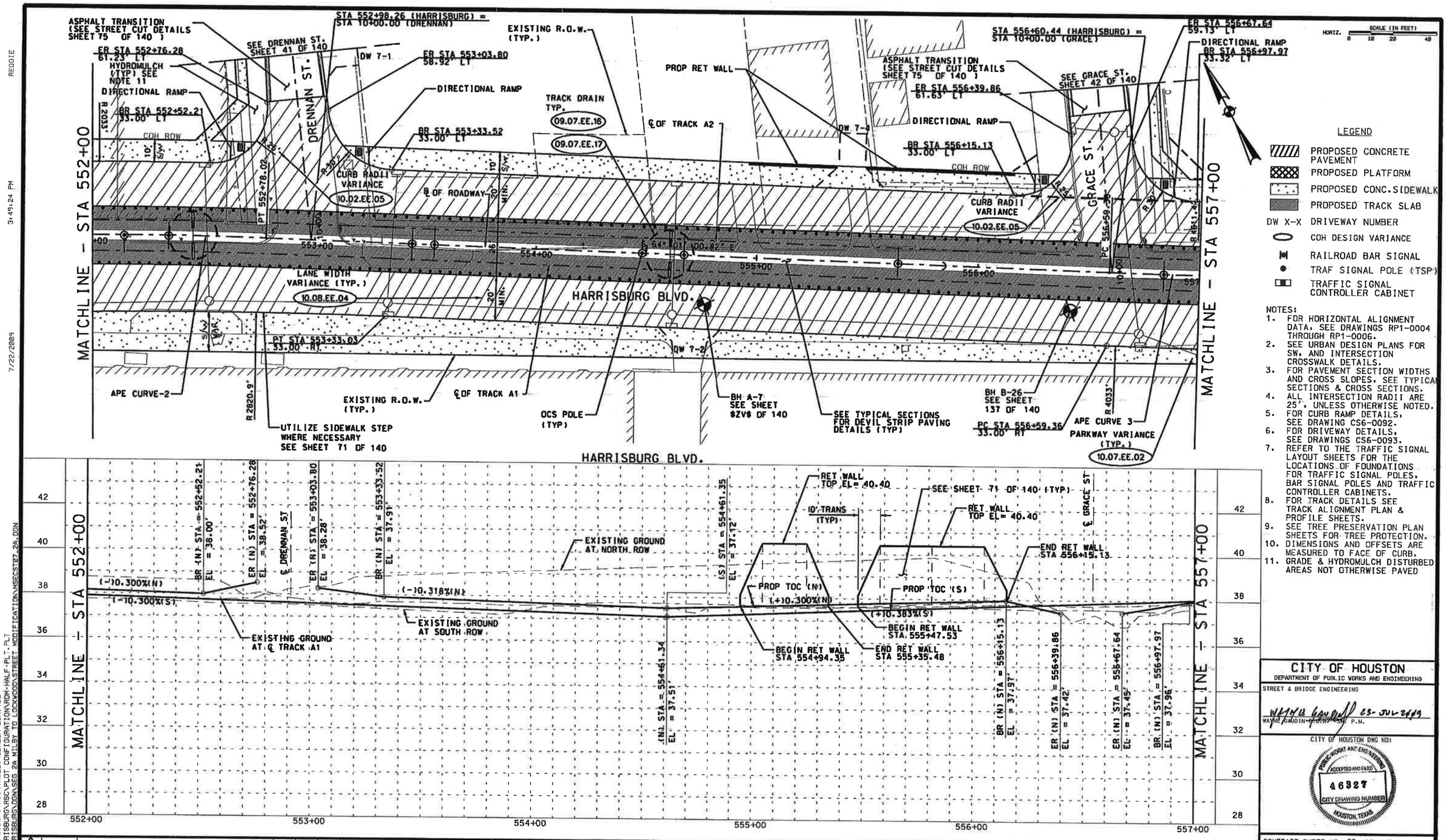

CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING
STREET & BRIDGE ENGINEERING
WAYNE DUBOIN, P.E., C.P.M. — 23-JUL-2009
CITY OF HOUSTON DWG NO:
PUBLIC WORKS AND ENGINEERING — ACCEPTED AND FILED — 46327 CITY DRAWING NUMBER — HOUSTON, TEXAS
CONTRACT SHEET NO. 32 OF 140

REV	DATE	DESCRIPTION	ADD	AMD	CCR	BY	ENG	CHK	APP
0									

CDM Camp Dresser & McKee Inc. TX. REG. No. F-3043
SCIENTECH ENGINEERS TX. REG. No. F-4014
Kimley-Horn and Associates, Inc. TX. REG. No. F-928
7/23/2009 — STATE OF TEXAS — EDUARDO CASTILLO — 40753 — REGISTERED PROFESSIONAL ENGINEER
OMEGA ENGINEERS INC. TX. REG. No. F-2147
16350 Park Ten Place, SUITE 120 Houston, Texas 77084 Tel 281-647-9182 Fax 281-647-9184
HRT HOUSTON RAPID TRANSIT JV
METRO Solutions — Metropolitan Transit Authority of Harris County, Texas

R.D.M.	23 JULY 2009
DRN BY	DATE
C.T.L.	23 JULY 2009
DRN CKD BY	DATE
S.P.M.	23 JULY 2009
DES BY	DATE
C.T.L.	23 JULY 2009
DES CKD BY	DATE
E. CASTILLO	23 JULY 2009
APPROVED BY	DATE

SCALE: 1" = 20'

STREET MODIFICATION PACKAGE
EAST END CORRIDOR - SEG. 2A
STREET MODIFICATION PLAN & PROFILE
STA. 552+00 TO STA. 557+00

CONTRACT NO. CT 08000120 | DRAWING NO. CC6-0017 | REV. 0

Z:\TEAM EXPRESS\HARRISBURG\RSC\TABLES\CDM_2A _SM_TBL
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Z:\TEAM EXPRESS\HARRISBURG\DGN\SEG 2A M1997 TO LOCKWOOD\STREET MODIFICATION\SEGST07_2A.DGN
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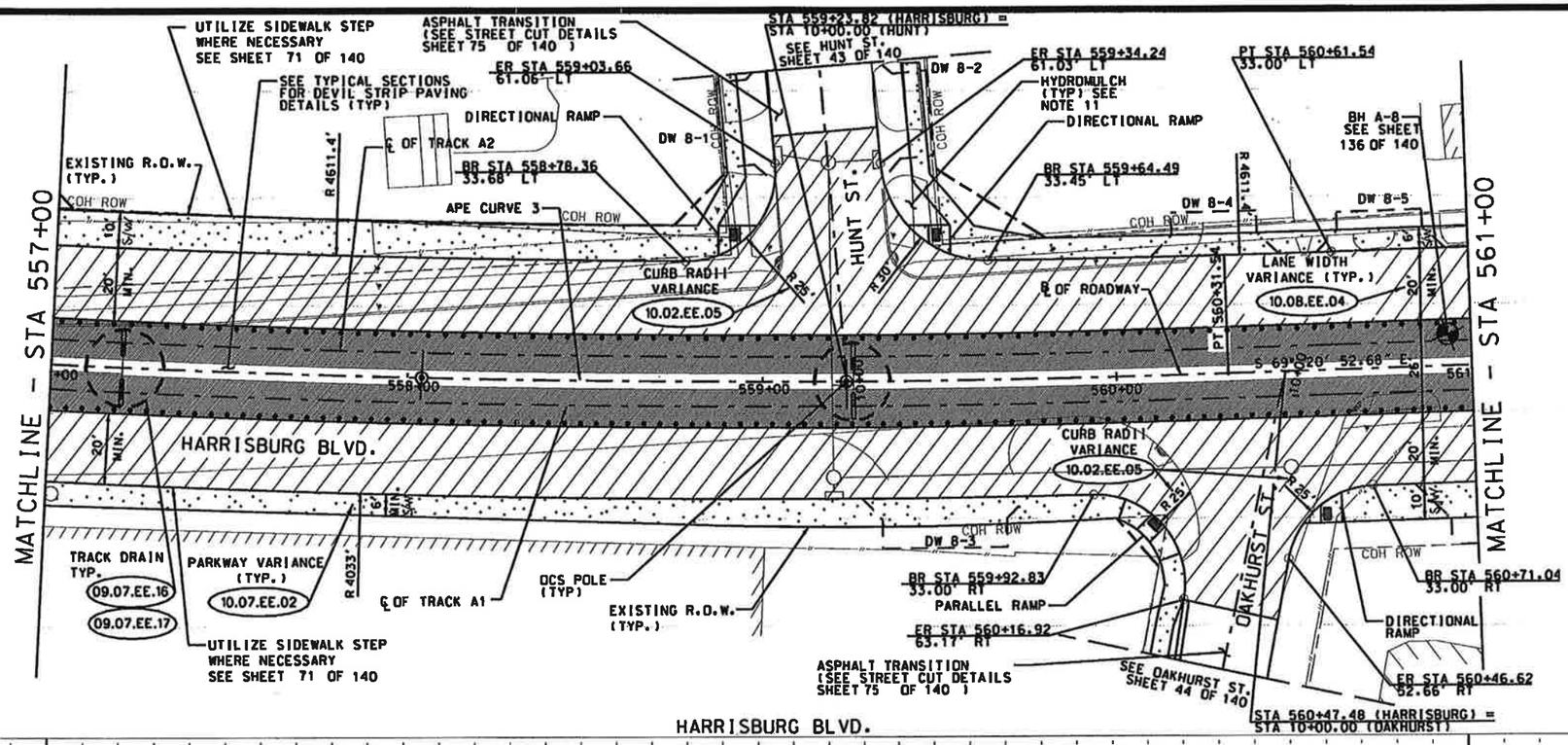
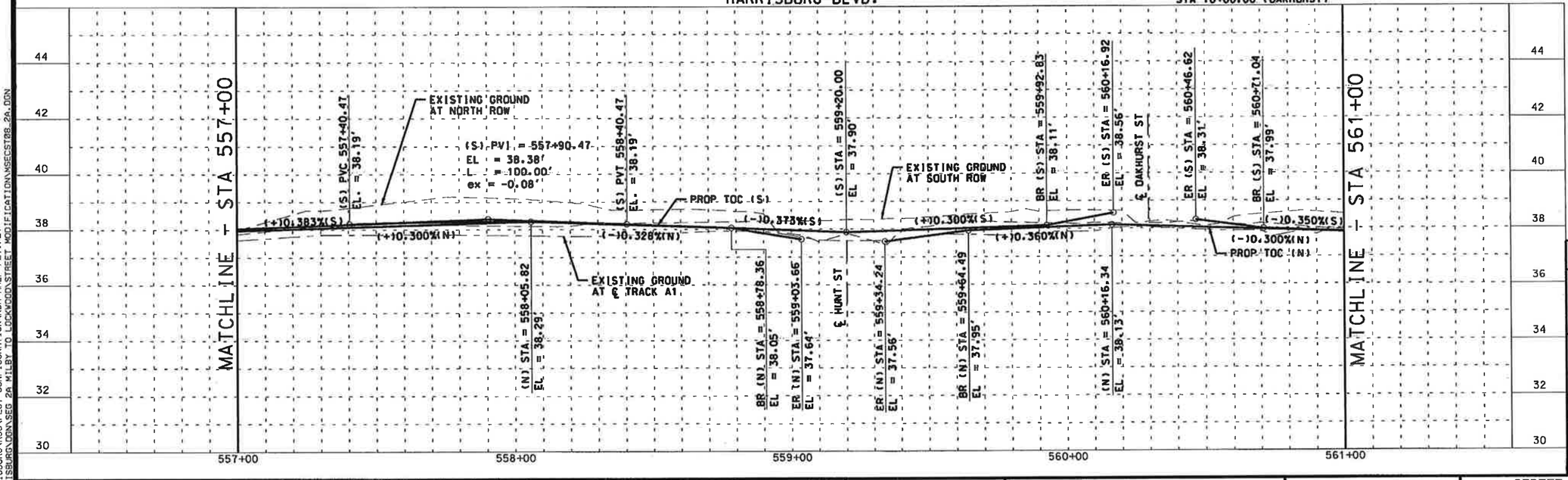
REGGIE
3:49:28 PM
7/22/2009





LEGEND

- PROPOSED CONCRETE PAVEMENT
- PROPOSED PLATFORM
- PROPOSED CONC. SIDEWALK
- PROPOSED TRACK SLAB
- DW X-X DRIVEWAY NUMBER
- COH DESIGN VARIANCE
- RAILROAD BAR SIGNAL
- TRAF SIGNAL POLE (TSP)
- TRAFFIC SIGNAL CONTROLLER CABINET

NOTES:
1. FOR HORIZONTAL ALIGNMENT DATA, SEE DRAWINGS RP1-0004 THROUGH RP1-0006.
2. SEE URBAN DESIGN PLANS FOR SW, AND INTERSECTION CROSSWALK DETAILS.
3. FOR PAVEMENT SECTION WIDTHS AND CROSS SLOPES, SEE TYPICAL SECTIONS & CROSS SECTIONS.
4. ALL INTERSECTION RADII ARE 25', UNLESS OTHERWISE NOTED.
5. FOR CURB RAMP DETAILS, SEE DRAWING CS6-0092.
6. FOR DRIVEWAY DETAILS, SEE DRAWINGS CS6-0093.
7. REFER TO THE TRAFFIC SIGNAL LAYOUT SHEETS FOR THE LOCATIONS OF FOUNDATIONS FOR TRAFFIC SIGNAL POLES, BAR SIGNAL POLES AND TRAFFIC CONTROLLER CABINETS.
8. FOR TRACK DETAILS SEE TRACK ALIGNMENT PLAN & PROFILE SHEETS.
9. SEE TREE PRESERVATION PLAN SHEETS FOR TREE PROTECTION.
10. DIMENSIONS AND OFFSETS ARE MEASURED TO FACE OF CURB.
11. GRADE & HYDROMULCH DISTURBED AREAS NOT OTHERWISE PAVED

HORIZ. SCALE (IN FEET) 0 10 20 40

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

WAYNE GAUDIN, P.E. 28-JUL 2009 P.M.

CITY OF HOUSTON DWG NO:
PUBLIC WORKS AND ENGINEERING ACCEPTED AND FILED 46327 CITY DRAWING NUMBER HOUSTON, TEXAS

CONTRACT SHEET NO. 33 OF 140

REV	DATE	DESCRIPTION	ADD	AND	CCR	BY	ENG	CHK	APP
0									

CDM Camp Dresser & McKee Inc. consulting • engineering • construction • operations TX. REG. No. F-3043
SCIENTECH ENGINEERS TX. REG. No. F-4014
Kimley-Horn and Associates, Inc. TX. REG. No. F-928
STATE OF TEXAS EDILMO CASTILLO 49753 REGISTERED PROFESSIONAL ENGINEER 7/16/2009
OMEGA ENGINEERS INC. 16350 Park Ten Place, SUITE 120 Houston, Texas 77084 Tel 281-647-9182 Fax 281-647-9184 TX. REG. No. F-2147
HRT HOUSTON RAPID TRANSIT JV
METRO Solutions Metropolitan Transit Authority of Harris County, Texas

R.D.M.	23 JULY 2009
DRN BY C.T.L.	DATE 23 JULY 2009
DRN CKD BY J.W.S.	DATE 23 JULY 2009
DES BY C.T.L.	DATE 23 JULY 2009
DES CKD BY E. CASTILLO	DATE 23 JULY 2009
APPROVED BY	DATE

SCALE: 1" = 20'

STREET MODIFICATION PACKAGE
EAST END CORRIDOR - SEG. 2A
STREET MODIFICATION PLAN & PROFILE
STA. 557+00 TO STA. 561+00

CONTRACT NO. CT 08000120 | DRAWING NO. CC6-0018 | REV. 0

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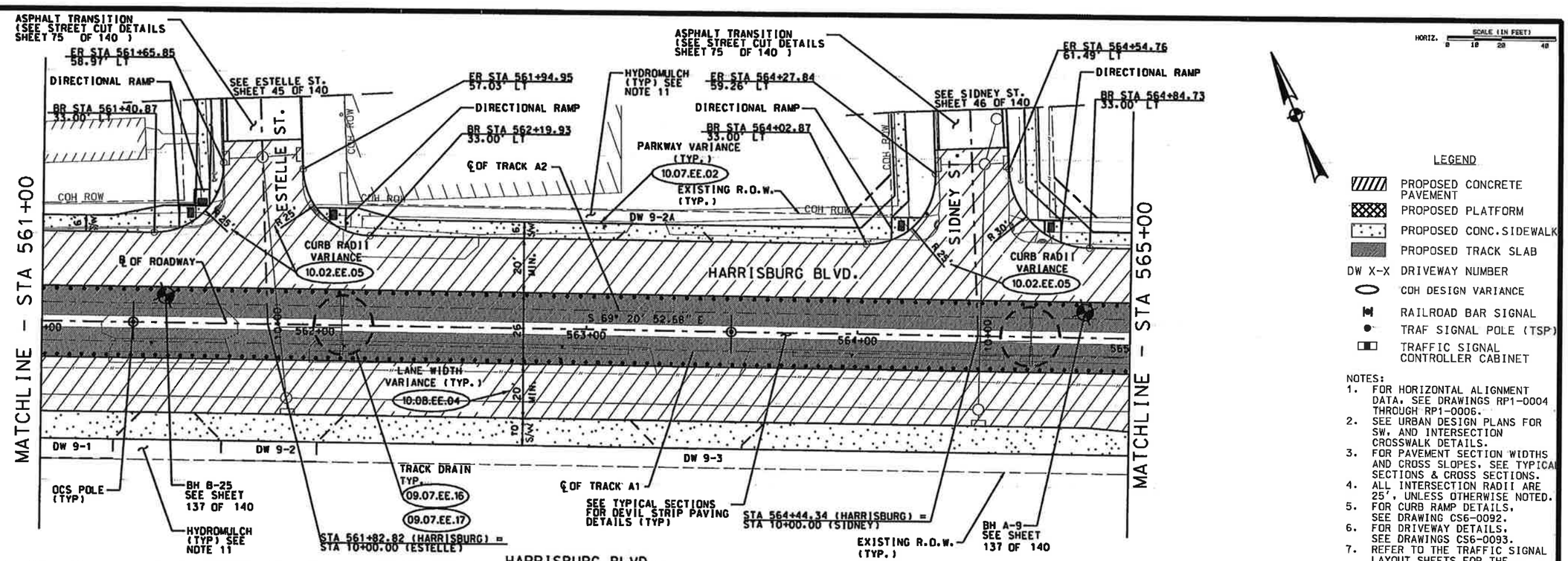
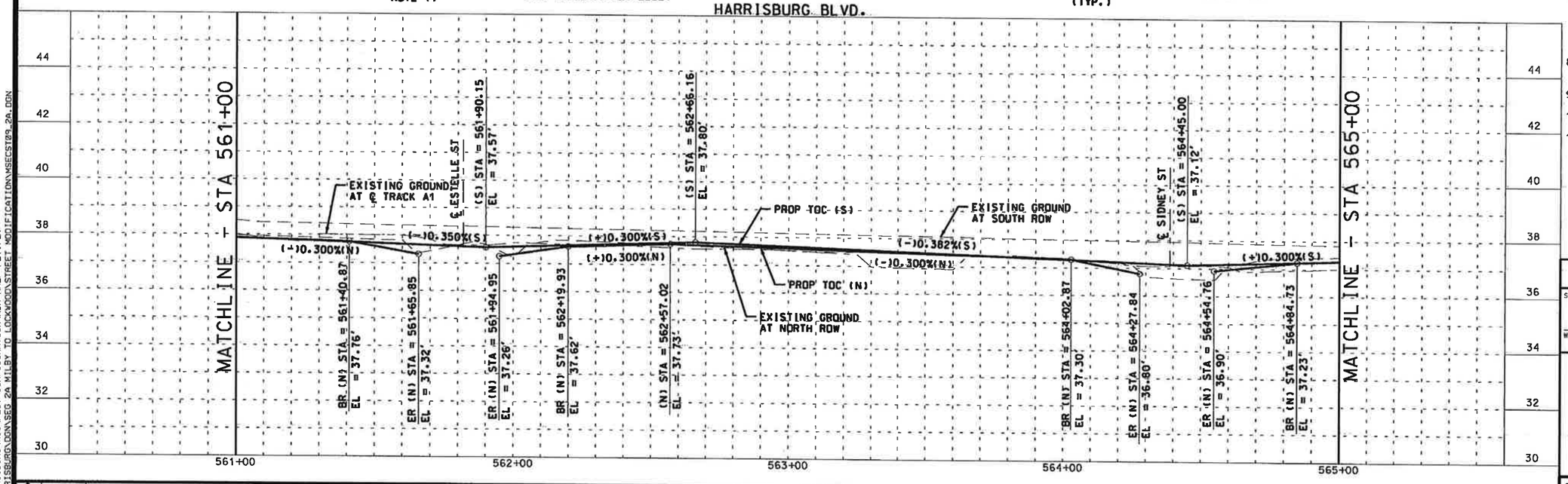


NOTES:
1. FOR HORIZONTAL ALIGNMENT DATA, SEE DRAWINGS RP1-0004 THROUGH RP1-0006.
2. SEE URBAN DESIGN PLANS FOR SW, AND INTERSECTION CROSSWALK DETAILS.
3. FOR PAVEMENT SECTION WIDTHS AND CROSS SLOPES, SEE TYPICAL SECTIONS & CROSS SECTIONS.
4. ALL INTERSECTION RADII ARE 25', UNLESS OTHERWISE NOTED.
5. FOR CURB RAMP DETAILS, SEE DRAWING CS6-0092.
6. FOR DRIVEWAY DETAILS, SEE DRAWINGS CS6-0093.
7. REFER TO THE TRAFFIC SIGNAL LAYOUT SHEETS FOR THE LOCATIONS OF FOUNDATIONS FOR TRAFFIC SIGNAL POLES, BAR SIGNAL POLES AND TRAFFIC CONTROLLER CABINETS.
8. FOR TRACK DETAILS SEE TRACK ALIGNMENT PLAN & PROFILE SHEETS.
9. SEE TREE PRESERVATION PLAN SHEETS FOR TREE PROTECTION.
10. DIMENSIONS AND OFFSETS ARE MEASURED TO FACE OF CURB.
11. GRADE & HYDROMULCH DISTURBED AREAS NOT OTHERWISE PAVED



CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING
STREET & BRIDGE ENGINEERING
WAYNE GOODIN, P.E., P.M. 23-JUL-2009

CITY OF HOUSTON DWG NO:
PUBLIC WORKS AND ENGINEERING ACCEPTED AND FILED 46327 CITY DRAWING NUMBER HOUSTON, TEXAS

CONTRACT SHEET NO. 34 OF 140

REV	DATE	DESCRIPTION	ADD	AMD	CCR	BY	ENG	CHK	APP

CDM Camp Dresser & McKee Inc. consulting • engineering • construction • operations TX. REG. No. F-3043
SCHENTECH ENGINEERS TX. REG. No. F-4014
Kimley-Horn and Associates, Inc. TX. REG. No. F-928
7/23/2009 EDUARDO CASTILLO 49753 REGISTERED PROFESSIONAL ENGINEER
OMEGA ENGINEERS INC. 18350 Park Ten Place, SUITE 120 Houston, Texas 77084 Tel 281-647-8182 Fax 281-647-8184 TX. REG. No. F-2147
HRT HOUSTON RAPID TRANSIT JV
METRO Solutions Metropolitan Transit Authority of Harris County, Texas

R.D.W.	23 JULY 2009
DRN BY	DATE
C.T.L.	23 JULY 2009
DRN CKD BY	DATE
J.M.S.	23 JULY 2009
DES BY	DATE
C.T.L.	23 JULY 2009
DES CKD BY	DATE
E. CASTILLO	23 JULY 2009
APPROVED BY	DATE
SCALE: 1" = 20'	

STREET MODIFICATION PACKAGE
EAST END CORRIDOR - SEG. 2A
STREET MODIFICATION PLAN & PROFILE
STA. 561+00 TO STA. 565+00

CONTRACT NO. CT 08000120 | DRAWING NO. CC6-0019 | REV. 0

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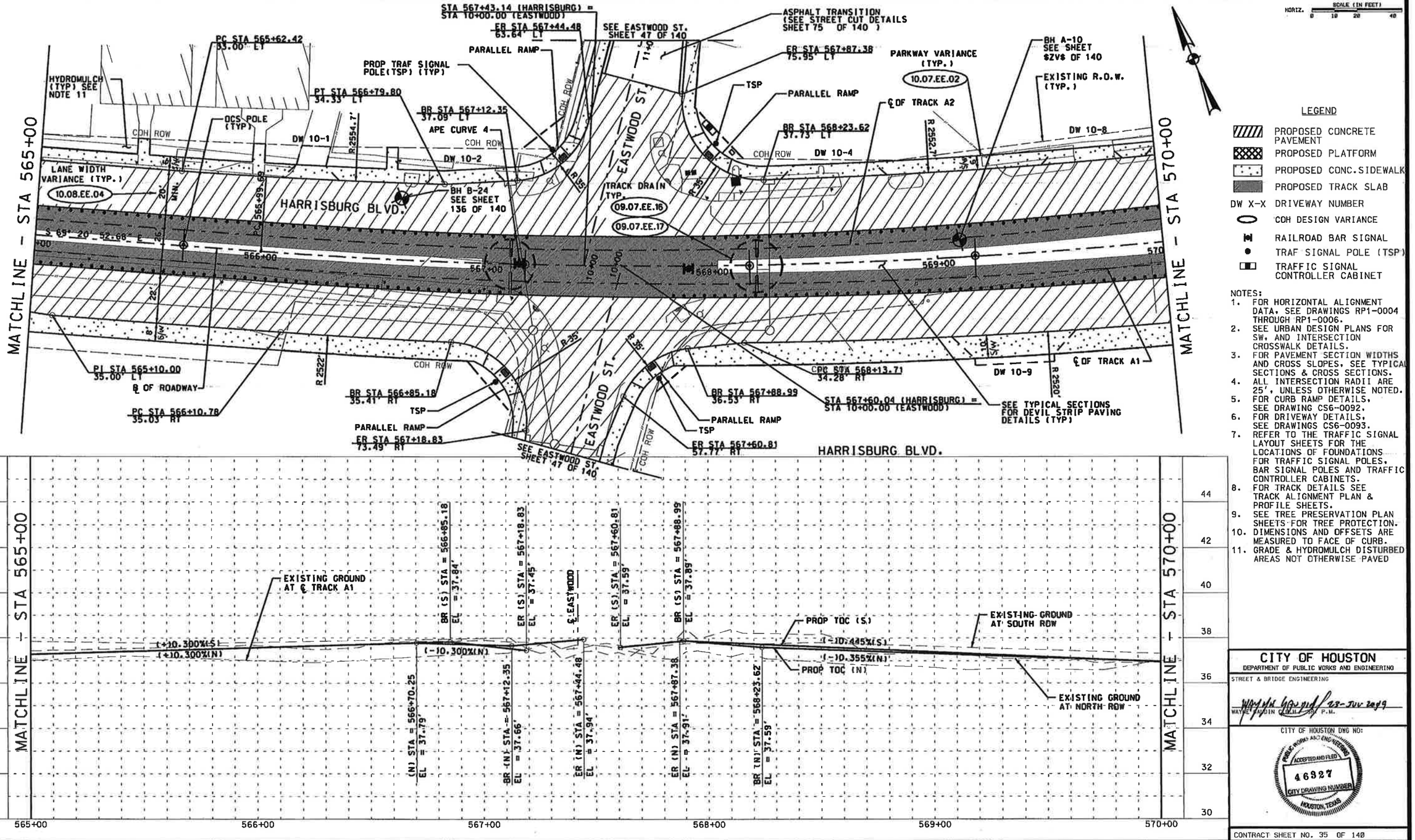

HORIZ. SCALE (IN FEET) 0 10 20 40

LEGEND

- PROPOSED CONCRETE PAVEMENT
- PROPOSED PLATFORM
- PROPOSED CONC. SIDEWALK
- PROPOSED TRACK SLAB
- DW X-X DRIVEWAY NUMBER
- COH DESIGN VARIANCE
- RAILROAD BAR SIGNAL
- TRAF SIGNAL POLE (TSP)
- TRAFFIC SIGNAL CONTROLLER CABINET

NOTES:

1. FOR HORIZONTAL ALIGNMENT DATA, SEE DRAWINGS RP1-0004 THROUGH RP1-0006.
2. SEE URBAN DESIGN PLANS FOR SW. AND INTERSECTION CROSSWALK DETAILS.
3. FOR PAVEMENT SECTION WIDTHS AND CROSS SLOPES, SEE TYPICAL SECTIONS & CROSS SECTIONS.
4. ALL INTERSECTION RADII ARE 25', UNLESS OTHERWISE NOTED.
5. FOR CURB RAMP DETAILS, SEE DRAWING CS6-0092.
6. FOR DRIVEWAY DETAILS, SEE DRAWINGS CS6-0093.
7. REFER TO THE TRAFFIC SIGNAL LAYOUT SHEETS FOR THE LOCATIONS OF FOUNDATIONS FOR TRAFFIC SIGNAL POLES, BAR SIGNAL POLES AND TRAFFIC CONTROLLER CABINETS.
8. FOR TRACK DETAILS SEE TRACK ALIGNMENT PLAN & PROFILE SHEETS.
9. SEE TREE PRESERVATION PLAN SHEETS FOR TREE PROTECTION.
10. DIMENSIONS AND OFFSETS ARE MEASURED TO FACE OF CURB.
11. GRADE & HYDROMULCH DISTURBED AREAS NOT OTHERWISE PAVED

CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING
STREET & BRIDGE ENGINEERING
WAYNE DUBIN, P.E., P.M. — 23-JUL-2009

CITY OF HOUSTON DWG NO:
PUBLIC WORKS AND ENGINEERING — ACCEPTED AND FILED — 46927 — CITY DRAWING NUMBER — HOUSTON, TEXAS

CONTRACT SHEET NO. 35 OF 140

REV	DATE	DESCRIPTION	ADD	AMD	CCR	BY	ENG	CHK	APP
0									

CDM Camp Dresser & McKee Inc. consulting • engineering • construction • operations TX. REG. No. F-3043
SCIENTECH ENGINEERS TX. REG. No. F-4014
Kimley-Horn and Associates, Inc. TX. REG. No. F-928
07/01/2009 EDUARDO CASTILLO 49753 LICENSED PROFESSIONAL ENGINEER
OMEGA ENGINEERS INC. 16350 Park Ten Place, SUITE 120 Houston, Texas 77084 Tel 281-647-9182 Fax 281-647-8184 TX. REG. No. F-2147
HRT HOUSTON RAPID TRANSIT JV
METRO Solutions Metropolitan Transit Authority of Harris County, Texas

R.D.M.	23 JULY 2009
DRN BY	DATE
C.T.L.	23 JULY 2009
DRN CKD BY	DATE
S.P.M.	23 JULY 2009
DES BY	DATE
C.T.L.	23 JULY 2009
DES CKD BY	DATE
E. CASTILLO	23 JULY 2009
APPROVED BY	DATE
SCALE: 1" = 20'	

STREET MODIFICATION PACKAGE

EAST END CORRIDOR - SEG. 2A

STREET MODIFICATION PLAN & PROFILE STA. 565+00 TO STA. 570+00

CONTRACT NO. CT 08000120 | DRAWING NO. CC6-0020 | REV. 0

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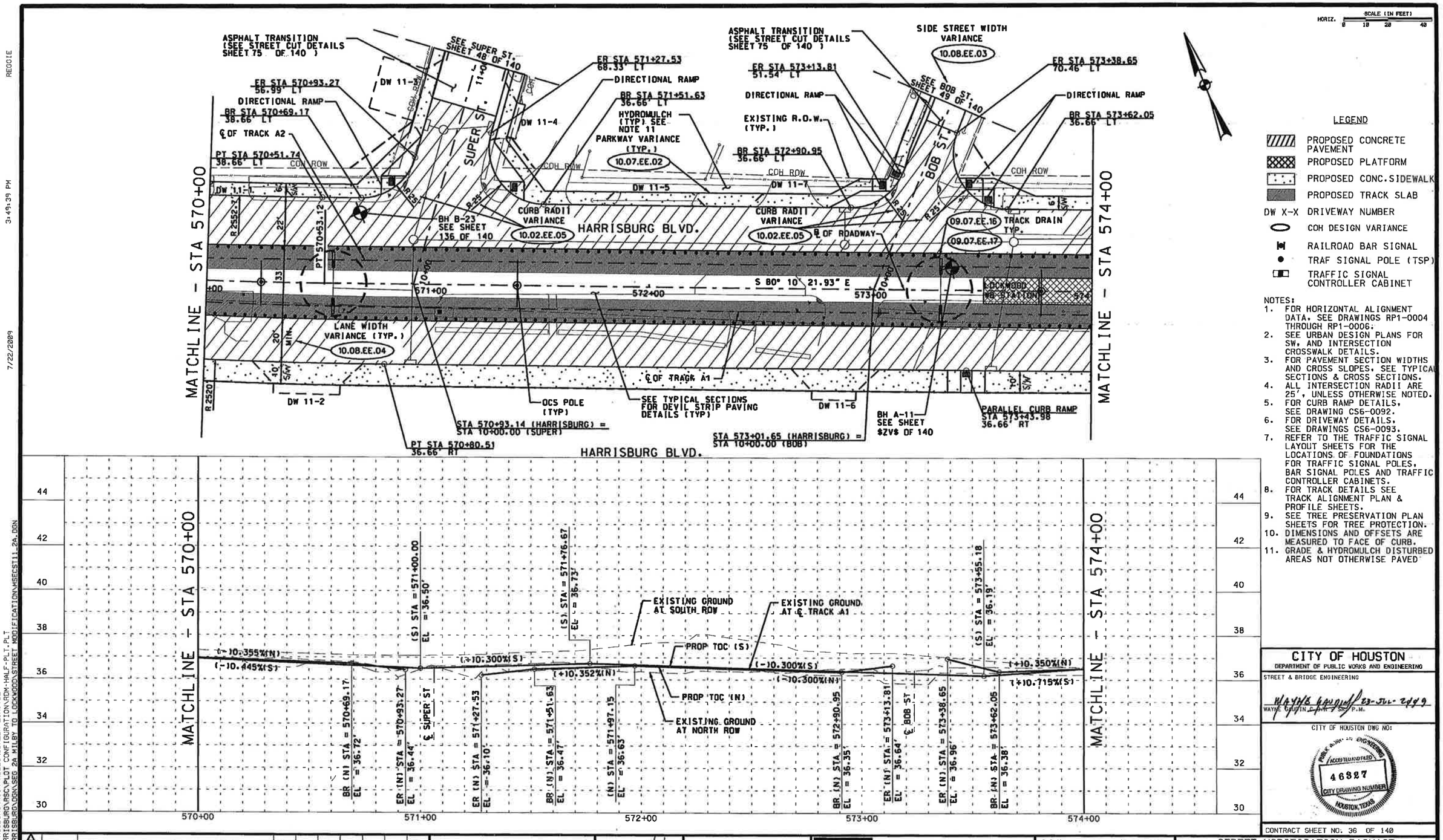
Z:\TEAM EXPRESS\HARRISBURG\DGN\SEG 2A MILBY TO LOCKWOOD\STREET MODIFICATION\SSECST10_2A.DGN



HORIZ. SCALE (IN FEET) 0 10 20 40

LEGEND

- PROPOSED CONCRETE PAVEMENT
- PROPOSED PLATFORM
- PROPOSED CONC. SIDEWALK
- PROPOSED TRACK SLAB
- DW X-X DRIVEWAY NUMBER
- COH DESIGN VARIANCE
- RAILROAD BAR SIGNAL
- TRAF SIGNAL POLE (TSP)
- TRAFFIC SIGNAL CONTROLLER CABINET

NOTES:
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2. SEE URBAN DESIGN PLANS FOR SW. AND INTERSECTION CROSSWALK DETAILS.
3. FOR PAVEMENT SECTION WIDTHS AND CROSS SLOPES, SEE TYPICAL SECTIONS & CROSS SECTIONS.
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6. FOR DRIVEWAY DETAILS, SEE DRAWINGS CS6-0093.
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9. SEE TREE PRESERVATION PLAN SHEETS FOR TREE PROTECTION.
10. DIMENSIONS AND OFFSETS ARE MEASURED TO FACE OF CURB.
11. GRADE & HYDROMULCH DISTURBED AREAS NOT OTHERWISE PAVED

CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING
STREET & BRIDGE ENGINEERING
WAYNE GRIFFIN, P.E. 23-JUL-2009
CITY OF HOUSTON DWG NO:
PUBLIC WORKS & ENGINEERING ACCEPTED AND FILED 46927 CITY DRAWING NUMBER HOUSTON, TEXAS
CONTRACT SHEET NO: 36 OF 140

REV	DATE	DESCRIPTION	ADD	AND	CCR	BY	END	CHK	APP
1									
2									
3									
4									
5									
6									
7									

CDM Camp Dresser & McKee Inc. consulting • engineering • construction • operations TX. REG. No. F-3043
SCHNITECH ENGINEERS TX. REG. No. F-4014
Kimley-Horn and Associates, Inc. TX. REG. No. F-928
7/23/2009 STATE OF TEXAS ELLIMAR CASTILLO 49753 REGISTERED PROFESSIONAL ENGINEER
OMEGA ENGINEERS INC. 16350 Park Ten Place, SUITE 120 Houston, Texas 77084 Tel 281-647-9182 Fax 281-647-9184 TX. REG. No. F-2147
HRT HOUSTON RAPID TRANSIT JV
METRO Solutions Metropolitan Transit Authority of Harris County, Texas

R.D.M.	23 JULY 2009	
DRN BY	DATE	
G.T.L.	23 JULY 2009	
DRN CKD BY	DATE	
J.W.S.	23 JULY 2009	
DES BY	DATE	
C.T.L.	23 JULY 2009	
DES CKD BY	DATE	
E. CASTILLO	23 JULY 2009	
APPROVED BY	DATE	

SCALE: 1" = 20'

STREET MODIFICATION PACKAGE
EAST END CORRIDOR - SEG. 2A
STREET MODIFICATION PLAN & PROFILE STA. 570+00 TO STA. 574+00

CONTRACT NO. CT 08000120 | DRAWING NO. CC6-0021 | REV. 0

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Z:\TEAM EXPRESS\HARRISBURG\RSC\PLOT CONFIGURATION\RDM-HALF-PLT.PLT
Z:\TEAM EXPRESS\HARRISBURG\DGN\SEG 2A M18Y TO LOCKWOOD\STREET MODIFICATION\RSCSTT11_2A.DGN
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