

UNIVERSITY OF HOUSTON
Campus Facilities Planning Committee
Agenda Item Description Form

1. **DATE:** April 13, 2018
2. **ITEM:** METRO Wheeler Shared-Use Path
3. **REQUESTING DEPARTMENT:** Facilities, Planning and Construction
4. **CONTACT NAMES & PHONE NUMBERS:** David Oliver, AVC/AVP, FC Mgmt
832-842-4504
5. **PRESENTER:** Patrick Peters, designLAB
6. **RECOMMENDATION/
ACTION REQUESTED:** For Information Only
7. **SUMMARY:**
METRO is creating the Wheeler Shared-Use Path project from contingency savings. It replaces the existing City of Houston sidewalk of varying widths on one side of Wheeler Avenue to provide for shared-use by bicyclists and pedestrians. The shared-use path width will generally be 10' wide with some areas narrowing to 8' in limited areas due to local constraints. The Shared-Use Path project will include demolition and new construction, nearly all of which will occur on City of Houston or METRO right of way.

UH stakeholders walked the site and provided comments to METRO and its design team.
8. **PROPOSED START DATE:** Summer 2018
9. **SUPPORTING DOCUMENTATION:** Overall Project Plan and Comment Locations

E ALABAMA AVE (CB)



PROJECT
LIMITS



DATE: 01/2018
DRAWN BY: [illegible]
CHECKED BY: [illegible]

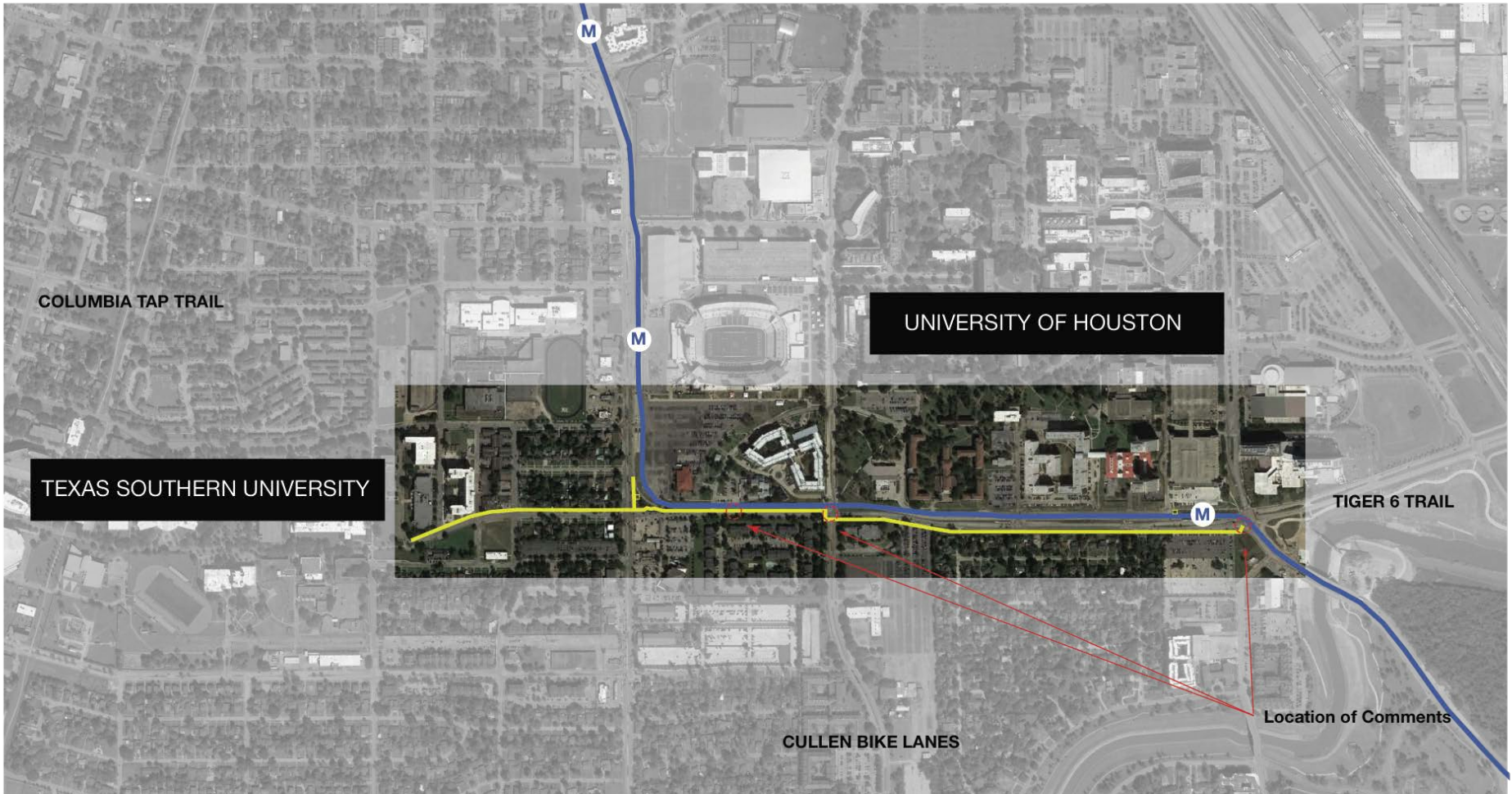
WHEELER AVENUE SHARED-USE PATH

MARCH 2, 2018
95% SUBMITTAL

OFFICE OF ROAD DESIGN
AND CONSTRUCTION
COURT WASHINGTON

SHEET NO. 1 OF 13

METRO Wheeler Avenue Shared-Use Path



HORIZ. SCALE (IN FEET)
0 10 20 40



- NOTE:**
- CONTRACTOR SHALL ADJUST ALL FIRE HYDRANTS, GATE VALVES, MANHOLES, ETC. LOCATED WITHIN THE PROP. SIDEWALK LIMITS TO NEW GRADES.
 - CONTRACTOR SHALL REFERENCE TXDOT DETAILS FOR THE PROP. SIDEWALK RAMPS AND MEDIAN NOSE AT THE 69TH ST. AND CAPITOL ST. INTERSECTION.
 - SEE SHEET 3 OF 13 FOR TYPICAL SECTIONS

- LEGEND**
- A** PAV MARK YELLOW 4" SOLID
 - B** PAV MARK YELLOW 4" BROKEN

TO AVOID FOR LINES TO BE TURNED OFF OR MOVED, CALL EVIDENCE POINT AT PD 107-0222

NOTICE:
For your safety you are required to have line in addition of at least 48 hours before you dig so that underground line can be marked. This verification does not relieve contractor of liability.

VERIFICATION OF PRIVATE UTILITY LINES

DATE:
Contract Energy/Underground Facilities Verification ONLY.
(This signature verifies that you have shown CNE information to the contractor. Not to be used for record purposes. Use service lines as not shown.)
Signature valid for six months.

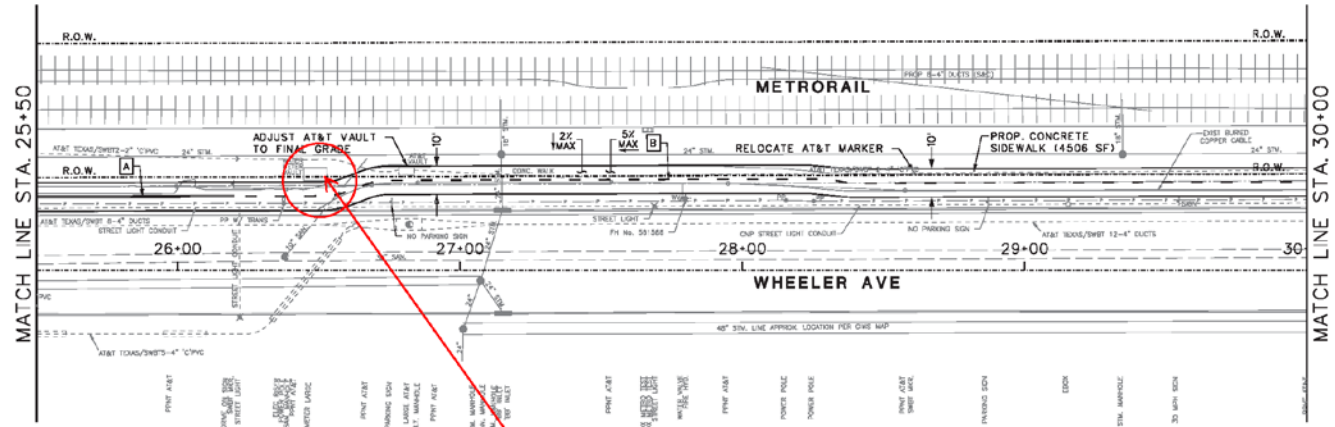
DATE:
Contract Energy/Underground Electrical Facilities Verification ONLY.
(This signature verifies existing underground facilities. Not to be used for record purposes. Use service lines as not shown.)
Signature valid for six months.

DATE:
Approved for METRO/STREET UNDERGROUND CONDUIT TIE-IN ONLY.
Signature valid for six months.

**REVIEW SET
NOT FOR
CONSTRUCTION**
SARAH ALBERGARA, P.E.
SWP

NOTE: CITY SIGNATURES VALID FOR ONE YEAR AFTER DATE OF SIGNATURES

CITY OF HOUSTON	
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING	
WATER	TRAVEL/STREET & BRIDGE
SEWER	STORM WATER UTILITY
STORM	FACILITIES
FILE NO.:	C.O.H. DRWG. NO.
DRAWING SCALE	
HORIZ: 1" = 20'	
VERT: N/A	
SHEET NO. 17 OF 33	



There is a water meter vault that is above ground and in very close proximity to the shared use path. It is a risk to cyclists and pedestrians. Can this be reset/replaced to be flush with grade?

DATE: 2/26/2018 2:03:18 PM
FILE: S:\Projects\METRO - 2750\Whe Ave. Shared Use Path\Drawings\W006.dwg

REV	DATE	DESCRIPTION	APP	CHK	ENG	BY	CR	APP

Midtown Engineers, LLC
6220 Katy Freeway, Suite 400 Houston, Texas 77007
Office (713) 862-8848 TSP# No. F-8834



H. MCCOLLUM 11/7/2017
S. HERRERA 11/7/2017
D. GIBSON 11/7/2017
K. HOEPL 11/7/2017
S. HERRERA 11/7/2017
D. GIBSON 11/7/2017
K. WILLIAMS 11/7/2017
APPROVED BY: DATE:
SCALE: AS SHOWN

WHEELER AVENUE SHARED USED PATH
SHARED-USE PATH LAYOUT
(SHEET 6 OF 13)

CONTRACT NO. _____ DRAWING NO. _____ REV. _____



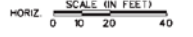
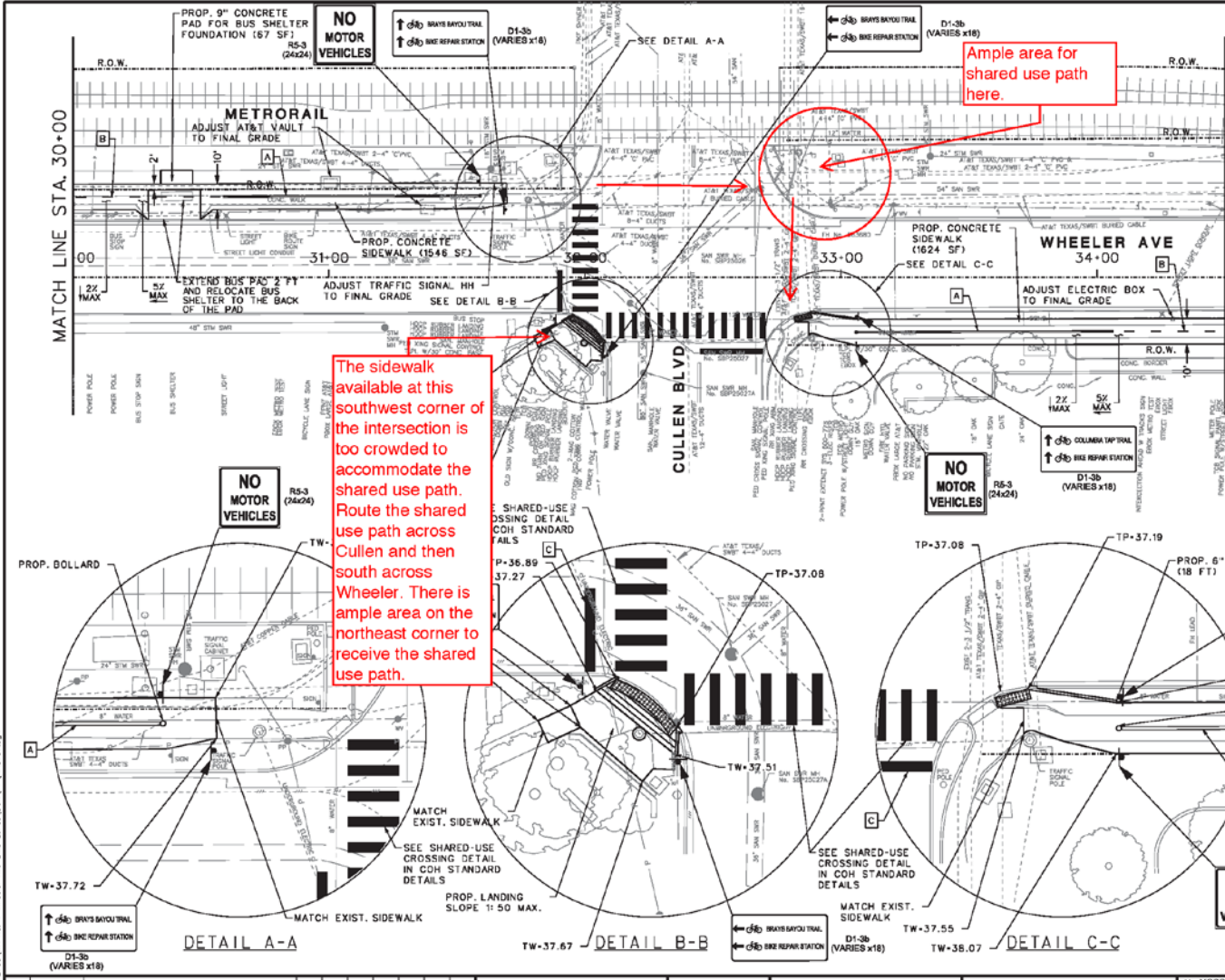
Watermeter Vault:

There is a watermeter vault that is above ground and in very close proximity to the proposed shared use path. It is a risk to cyclists and pedestrians. Can this be reset or replaced to be flush with grade?

Google Earth

© 2018 Google

5.10 ft



- NOTE:**
- CONTRACTOR SHALL ADJUST ALL FIRE HYDRANTS, GATE VALVES, MANHOLES, ETC. LOCATED WITHIN THE PROP. SIDEWALK LIMITS TO NEW GRADES.
 - CONTRACTOR SHALL REFERENCE TXDOT DETAILS FOR THE PROP. SIDEWALK RAMPS AND MEDIAN NOSE AT THE 69TH ST. AND CAPITOL ST. INTERSECTION.
 - SEE SHEET 3 OF 13 FOR TYPICAL SECTIONS

- LEGEND**
- A** PAV MARK YELLOW 4" SOLID
 - B** PAV MARK YELLOW 4" BROKEN
 - C** PAV MARK WHITE 24" SOLID

TO ARRANGE FOR LINES TO BE TUNED OFF OR MOVED, CALL DEPARTMENT OFFICE AT PD 367-2222

NOTICE:
For your safety you are required to have lines in place for at least 48 hours before you dig. An hour underground the cut be reversed. This verification does not relieve you of your responsibility. Dig safe. Dig right. Dig smart. Dig with care.

VERIFICATION OF PRIVATE UTILITY LINES

Date: _____
Contractor: _____
City Engineer: _____

Date: _____
Contractor: _____
City Engineer: _____

Date: _____
Contractor: _____
City Engineer: _____

REVIEW SET FOR CONSTRUCTION
SAHON ALJABER, P.E.
WWW

NOTE: CITY SIGNATURES VALID FOR ONE YEAR AFTER DATE OF SIGNATURES

CITY OF HOUSTON	
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING	
WATER	TRAFFIC SIGNALS & SIGNS
SEWER	STORM WATER UTILITY
STORM	FACILITIES
FILE NO:	C.O.H. DRWG. NO.
DRAWING SCALE	
HORIZ: 1" = 20'	
VERT: N/A	
SHEET NO. 18 OF 33	

The sidewalk available at this southwest corner of the intersection is too crowded to accommodate the shared use path. Route the shared use path across Cullen and then south across Wheeler. There is ample area on the northeast corner to receive the shared use path.

Ample area for shared use path here.

MATCH LINE STA. 30+00

MATCH LINE STA. 34+50

DETAIL A-A

DETAIL B-B

DETAIL C-C

DATE: 2/28/2018 11:12:18 AM
FILE: S:\Projects\METRO_2750\Whe. 1 Wheeler Ave (Dwg. Level)\DWG\Whe07.dwg

REV	DATE	DESCRIPTION	APP	CHK	APP

Midtown Engineers, LLC
2225 Katy Freeway, Suite 400 Houston, Texas 77007
Office (713) 622-8848 TSP# No. 7-824

H. MCCOLLUM	11/17/2017
D. HERRERA	11/17/2017
D. HERRERA	11/17/2017
K. HOFFLE	11/17/2017
D. HERRERA	11/17/2017
D. HERRERA	11/17/2017
K. WILLIAMS	11/17/2017
APPROVED BY:	
SCALE: AS SHOWN	

WHEELER AVENUE SHARED USED PATH

SHARED-USE PATH LAYOUT
(SHEET 7 OF 13)

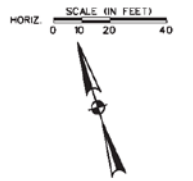
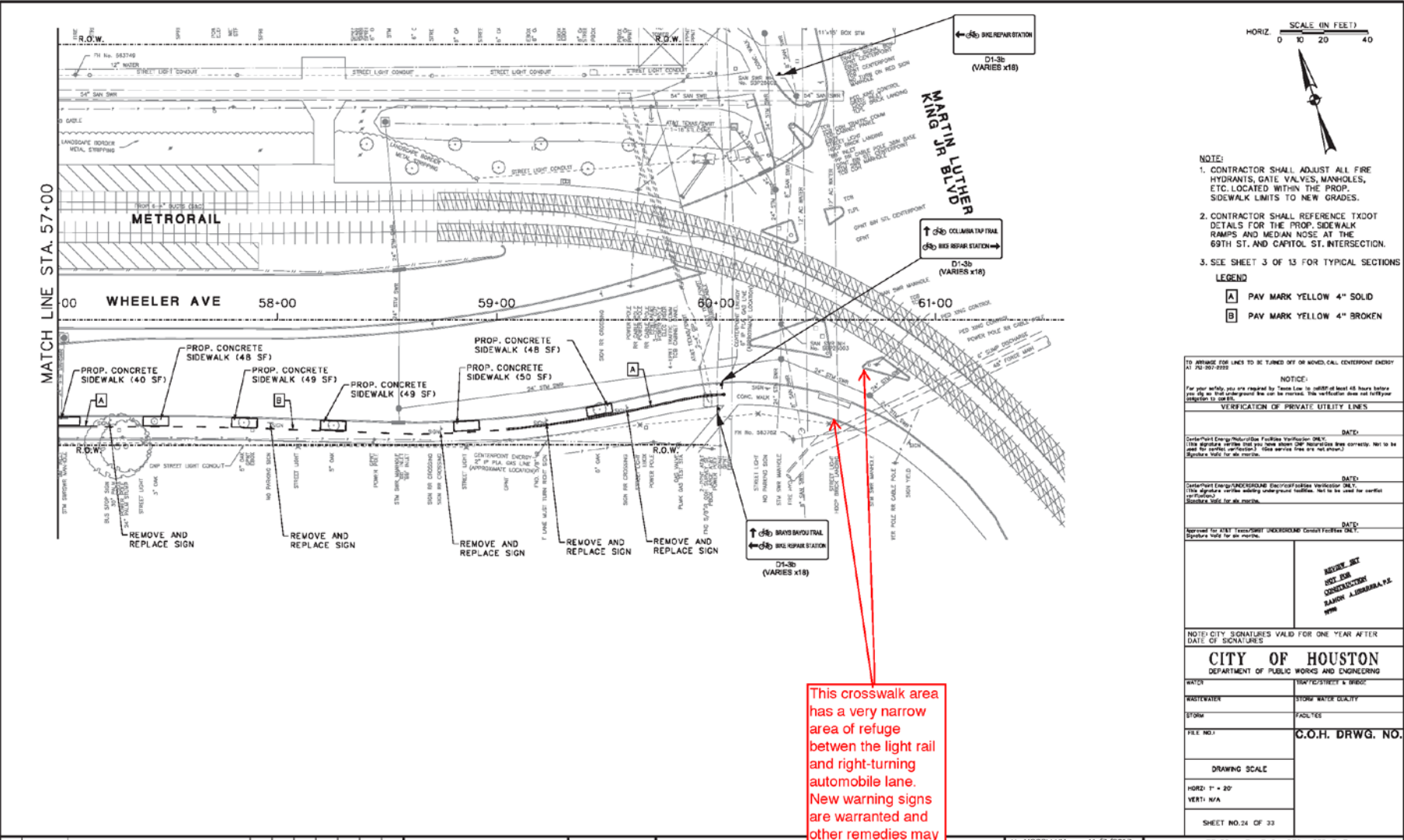
CONTRACT	DRAWING	REV.

Cullen at Wheeler
Crosswalk:

The sidewalk available at the southwest corner of the intersection is too crowded to accommodate the shared use path. Route shared use path across Cullen, then south across Wheeler. There is ample area on the northeast corner to receive shared use path.



DATE: 2/26/2018 11:28:37 AM
 FILE: S:\Projects\MCTD - 2750\Wheeler Ave (Dm Level)\DWG\Wheeler\W0413.dwg



- NOTE:**
1. CONTRACTOR SHALL ADJUST ALL FIRE HYDRANTS, GATE VALVES, MANGLES, ETC. LOCATED WITHIN THE PROP. SIDEWALK LIMITS TO NEW GRADES.
 2. CONTRACTOR SHALL REFERENCE TXDOT DETAILS FOR THE PROP. SIDEWALK RAMPS AND MEDIAN NOSE AT THE 69TH ST. AND CAPITOL ST. INTERSECTION.
 3. SEE SHEET 3 OF 13 FOR TYPICAL SECTIONS
- LEGEND**
- [A] PAV MARK YELLOW 4" SOLID
 - [B] PAV MARK YELLOW 4" BROKEN

TO AVOID FOR LINES TO BE TURNED OFF OR MOVED, CALL DEPARTMENT OFFICE AT PD 957-2222

NOTICE:
 For your safety you are required to leave time to submit at least 48 hours before you dig so that underground line can be marked. This verification does not relieve contractor to dig.

VERIFICATION OF PRIVATE UTILITY LINES

DATE: _____
 Contractor Energy/Underground Facilities Verification ONLY.
 (This signature verifies that you have shown CUE information to be correctly. Not to be used for record purposes.)
 Signature valid for six months.

DATE: _____
 Contractor Energy/Underground Facilities Verification ONLY.
 (This signature verifies existing underground facilities. Not to be used for record purposes.)
 Signature valid for six months.

DATE: _____
 Approved for CITY ENGINEER/UNDERGROUND CONSULTING ONLY.
 Signature valid for six months.

REVIEW SET
 NOT FOR CONSTRUCTION
 KAYLOR J. LEBLANC, P.E.
 5/11/17

NOTE: CITY SIGNATURES VALID FOR ONE YEAR AFTER DATE OF SIGNATURES

CITY OF HOUSTON
 DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

WATER	TRAFFIC/STREET & BRIDGE
SEWER	STORM WATER QUALITY
GAS	FACILITIES
FILE NO:	C.O.H. DRWG. NO.
DRAWING SCALE	
HORIZ: 1" = 30'	
VERT: N/A	
SHEET NO. 24 OF 33	

This crosswalk area has a very narrow area of refuge between the light rail and right-turning automobile lane. New warning signs are warranted and other remedies may be needed. Problem is worsened by narrow walk at crosswalk landing.

REV	DATE	DESCRIPTION	APP	CHK	BY	ENG	APP



H. MCCOLLUM	11/17/2017
S. HERRERA	11/17/2017
D. COLEBY	DATE
K. HOFFLE	11/17/2017
D. COLEBY	DATE
S. HERRERA	11/17/2017
D. COLEBY	DATE
K. WILLIAMS	11/17/2017
APPROVED BY	DATE
SCALE: AS SHOWN	CONTRACT NO.

WHEELER AVENUE SHARED USED PATH

SHARED-USE PATH LAYOUT
 (SHEET 13 OF 13)

CONTRACT NO.	DRAWING NO.

MLK at Wheeler Crosswalk:

This crosswalk area has a very narrow area of refuge between the lightrail and the right-turning automobile lane. New train warning signs are warranted and other remedies may be needed.





- NOTE:
1. CONCRETE SHALL BE PLACED AT THE WORKERS' CARE, PLACES, HANDLES, SET LOCATIONS, WHEN THE CONCRETE CEMENTS TO NEW STRUCTURE.
 2. CONCRETE SHALL BE PLACED IN ACCORDANCE WITH THE PROPOSED DETAILS FOR THE PROPOSED CEMENTS AND APPROVED AT THE BIDDING AND OPENING OF INSPECTION.
 3. SEE SHEET 3 OF 3 FOR TRACK SECTIONS.

- LEGEND
- PAU MARK BELOW 4' 0" 0"
 - PAU MARK BELOW 4' 6" 0" 0"
 - PAU MARK ABOVE 4' 6" 0" 0"
 - PAU MARK ABOVE 4' 9" 0" 0"

1. ALL DIMENSIONS SHALL BE IN UNITS OF FEET AND DECIMAL FRACTIONS UNLESS OTHERWISE NOTED.

2. ALL DIMENSIONS SHALL BE TO FACE UNLESS OTHERWISE NOTED.

3. ALL DIMENSIONS SHALL BE TO CENTERLINE UNLESS OTHERWISE NOTED.

4. ALL DIMENSIONS SHALL BE TO THE CENTERLINE OF THE TRACK UNLESS OTHERWISE NOTED.

5. ALL DIMENSIONS SHALL BE TO THE CENTERLINE OF THE TRACK UNLESS OTHERWISE NOTED.

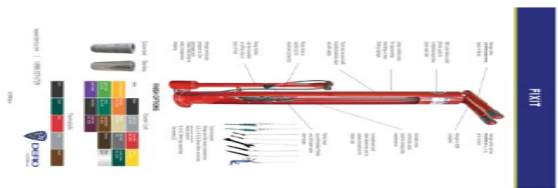
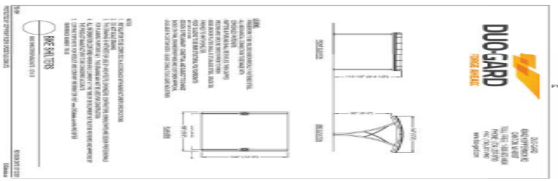
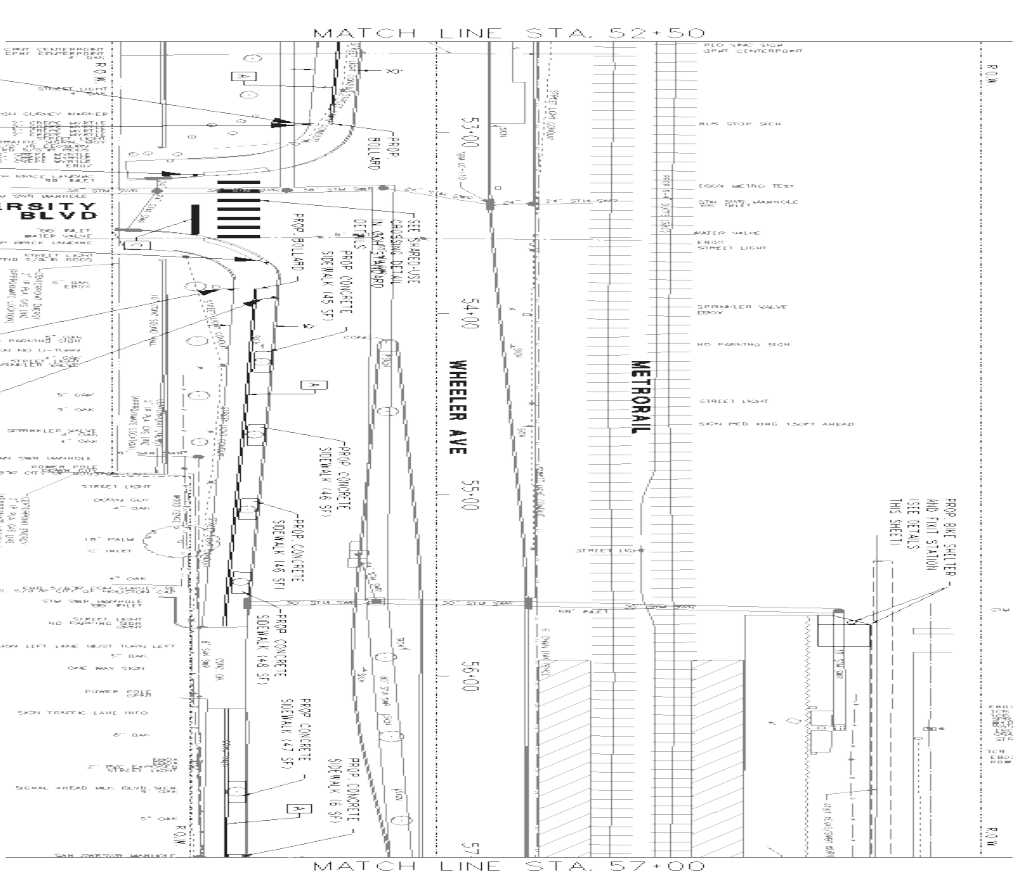
6. ALL DIMENSIONS SHALL BE TO THE CENTERLINE OF THE TRACK UNLESS OTHERWISE NOTED.

7. ALL DIMENSIONS SHALL BE TO THE CENTERLINE OF THE TRACK UNLESS OTHERWISE NOTED.

8. ALL DIMENSIONS SHALL BE TO THE CENTERLINE OF THE TRACK UNLESS OTHERWISE NOTED.

9. ALL DIMENSIONS SHALL BE TO THE CENTERLINE OF THE TRACK UNLESS OTHERWISE NOTED.

10. ALL DIMENSIONS SHALL BE TO THE CENTERLINE OF THE TRACK UNLESS OTHERWISE NOTED.



DATE: 2/26/2013 4:03:53 PM	FILE: \\P:\Projects\METRO-2750\WA_Rol_1\Wheeler_Ave_Bldg_Lines\DDN_Plan\WACV12.dwg
NO. 1	REV. 1
NO. 2	REV. 2
NO. 3	REV. 3
NO. 4	REV. 4
NO. 5	REV. 5
NO. 6	REV. 6
NO. 7	REV. 7
NO. 8	REV. 8
NO. 9	REV. 9
NO. 10	REV. 10
NO. 11	REV. 11
NO. 12	REV. 12
NO. 13	REV. 13
NO. 14	REV. 14
NO. 15	REV. 15
NO. 16	REV. 16
NO. 17	REV. 17
NO. 18	REV. 18
NO. 19	REV. 19
NO. 20	REV. 20
NO. 21	REV. 21
NO. 22	REV. 22
NO. 23	REV. 23
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NO. 25	REV. 25
NO. 26	REV. 26
NO. 27	REV. 27
NO. 28	REV. 28
NO. 29	REV. 29
NO. 30	REV. 30
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NO. 37	REV. 37
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NO. 42	REV. 42
NO. 43	REV. 43
NO. 44	REV. 44
NO. 45	REV. 45
NO. 46	REV. 46
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NO. 48	REV. 48
NO. 49	REV. 49
NO. 50	REV. 50
NO. 51	REV. 51
NO. 52	REV. 52
NO. 53	REV. 53
NO. 54	REV. 54
NO. 55	REV. 55
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NO. 57	REV. 57
NO. 58	REV. 58
NO. 59	REV. 59
NO. 60	REV. 60
NO. 61	REV. 61
NO. 62	REV. 62
NO. 63	REV. 63
NO. 64	REV. 64
NO. 65	REV. 65
NO. 66	REV. 66
NO. 67	REV. 67
NO. 68	REV. 68
NO. 69	REV. 69
NO. 70	REV. 70
NO. 71	REV. 71
NO. 72	REV. 72
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NO. 74	REV. 74
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NO. 93	REV. 93
NO. 94	REV. 94
NO. 95	REV. 95
NO. 96	REV. 96
NO. 97	REV. 97
NO. 98	REV. 98
NO. 99	REV. 99
NO. 100	REV. 100

PROJECT NAME: SHEET 1211 PATH	DATE: 2/27/2013
DESIGNED BY: J. H. HARRIS	CHECKED BY: J. H. HARRIS
DRAWN BY: J. H. HARRIS	DATE: 2/27/2013
SCALE: AS SHOWN	PROJECT NO.: 2750
SHEET NO. 12 OF 13	DATE: 2/27/2013
CITY OF HOUSTON	COM. DRAW. NO.

