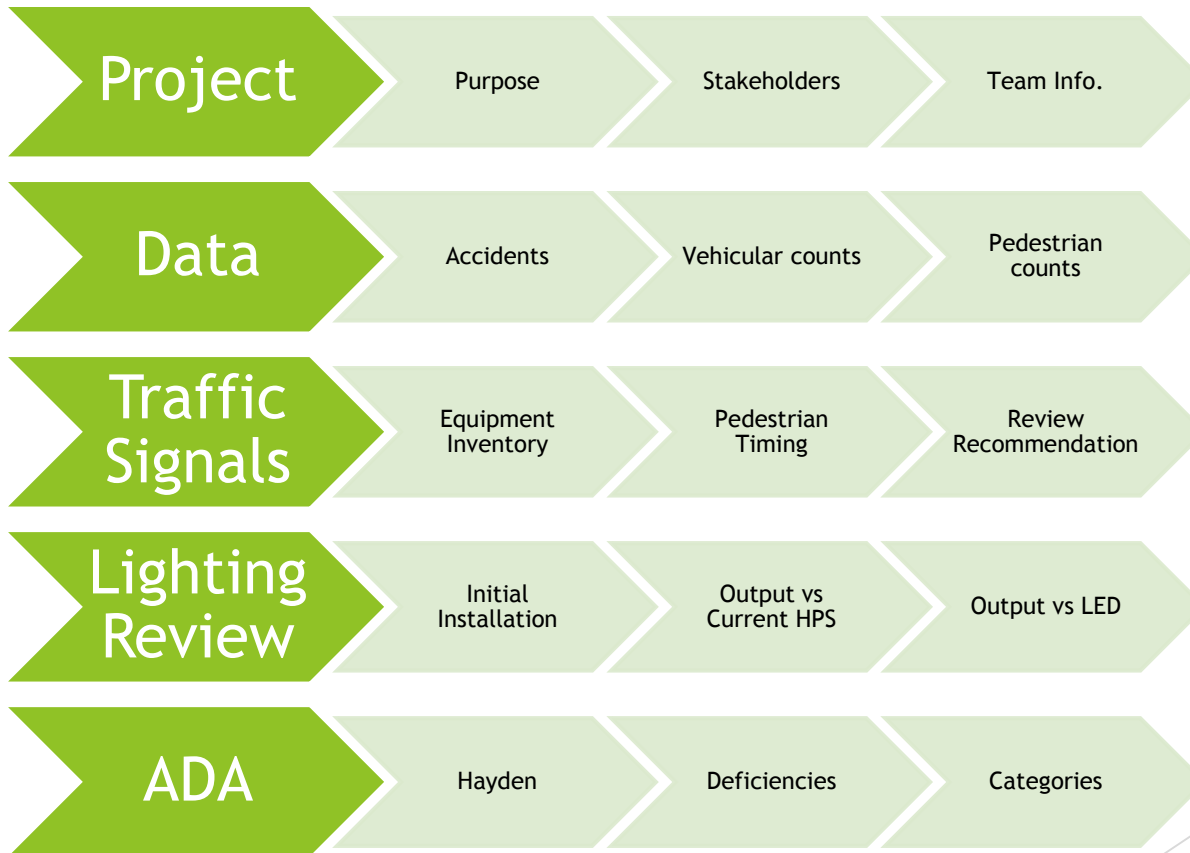


Pedestrian Safety Assessment



University Crossing

Evaluation Process



Data Collection



- ▶ August 2015
- ▶ September 2015
- ▶ Game day - 09/12/15

Crash Data

- ▶ NCTCOG
 - ▶ Heat Map
- ▶ TxDOT
 - ▶ CRIS Output
- ▶ Dallas
 - ▶ Initial Response
 - ▶ Recent Output for separate project

Traffic Signal Improvements



- ▶ Equipment Inventory
- ▶ Pedestrian Clearance Time Modifications
- ▶ Alternate Opportunities

Equipment Inventory



- ▶ Pedestrian Signal Heads
- ▶ Pedestrian Push Buttons

Pedestrian Clearance Time Modifications



- ▶ Evaluate in existing timing
- ▶ Modifications to timing

Alternate Opportunities



- ▶ Leading Pedestrian Interval
- ▶ T-Intersection
 - ▶ Left Turn Yield
 - ▶ Relocate Crosswalk
- ▶ 2 Stage Crossing
 - ▶ Ped refuge
 - ▶ Ped with additional phases
- ▶ Pedestrian vs turning vehicles
- ▶ Passive Detection
- ▶ Infrastructure Changes

Identified Safety Concerns

- ▶ US 75 NBFR & driveway
 - ▶ Short Term
 - ▶ Long Term
- ▶ US 75 NBFR & Mockingbird
 - ▶ Short Term
 - ▶ Long Term

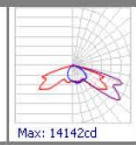
Lighting Review

- ▶ Lighting Initially Installed in 1993
- ▶ Compared Current Standards to Current Output
- ▶ Upgrade to LED
- ▶ Install Pedestrian Lighting

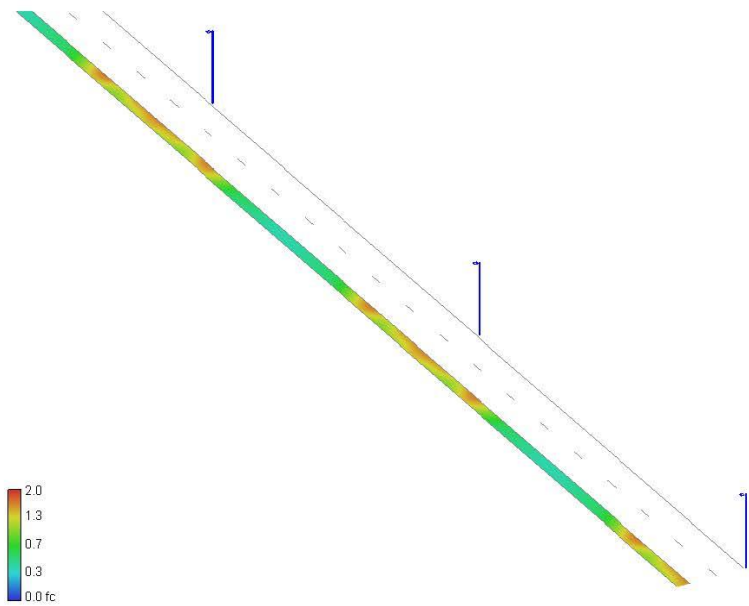
VISUAL Evaluation - 250 W HPS



Schedule									
Symbol	Label	QTY	Catalog Number	Description	Lamp	Number Lamps	Lumens per Lamp	LLP	Wattage
	250 W H	4	0VW255H42CD000 1 (F1)	CAST METAL HOUSING, FORMED SEMI-SPECULAR METAL REFLECTOR WITH BRIGHT CURVED FINISH, CLEAR FLAT GLASS LENS IN CAST METAL DOOR FRAME.	ONE 250-WATT CLEAR E-18 HIGH PRESSURE SODIUM, TILTED 12- DEGREE BELOW HORIZONTAL POSITION.	1	28000	0.65	250



Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Left Roadway	+	1.24 fc	2.77 fc	0.29 fc	9.6:1	4.3:1
Left Sidewalk	+	0.94 fc	1.70 fc	0.41 fc	4.1:1	2.3:1

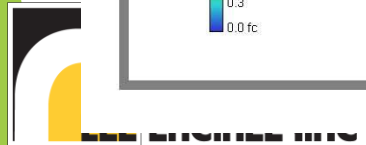


Sidewalk Illumination


**MOCKINGBIRD PEDESTRIAN
LIGHTING**
2-Lane Frontage Road
250W HPS Luminaire
190' Spacing, 1' Setback

Designer
LEE
Date
10/1/2015
Scale
Not to Scale
Drawing No.

Summary

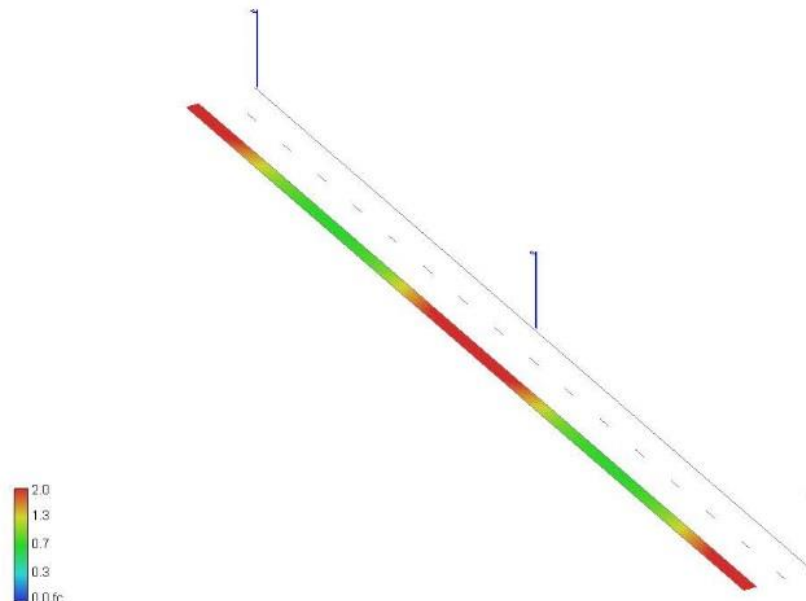


VISUAL Evaluation - 215 LED

Symbol	Label	Qty	Manufacturer	Catalog Number	Description	Lamp	Mounting Luminaire	Pressure	Lighting Luminaire	LP	Warranty
	215W L	2	LED	215WLED	LED	LED	LED	LED	LED	LED	LED

Statistics

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Left Roadway	+	1.95 fc	5.58 fc	0.50 fc	11.2:1	3.9:1
Left Sidewalk	+	1.55 fc	3.34 fc	0.73 fc	4.6:1	2.1:1



Sidewalk Illumination



**MOCKINGBIRD PEDESTRIAN
LIGHTING**
2-Lane Frontage Road
215W LED Luminaire
190' Spacing, 1' Setback

Designer

LEE

Date

10/1/2015

Scale

Not to Scale

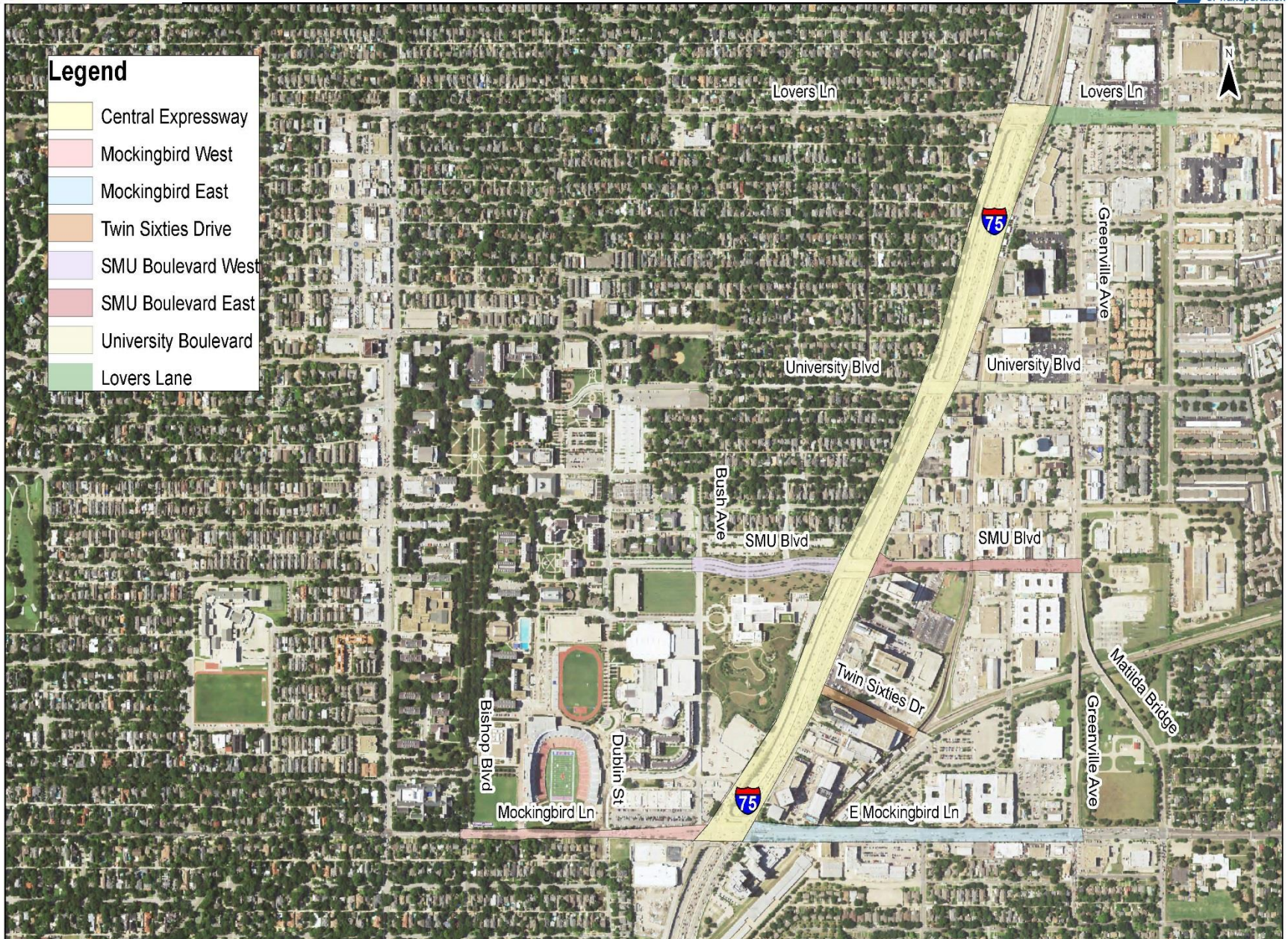
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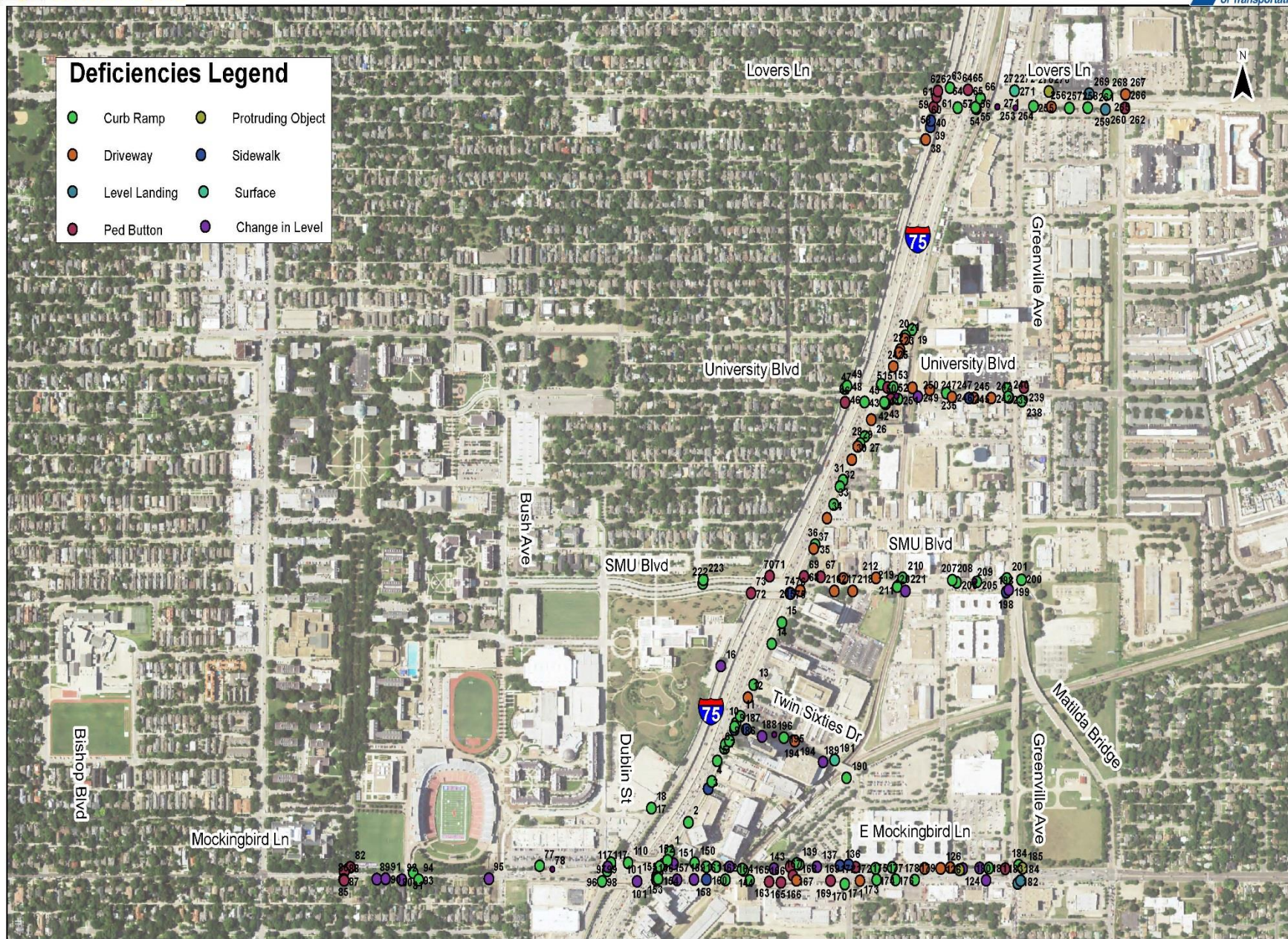
Summary





Accessibility Deficiencies Study Areas





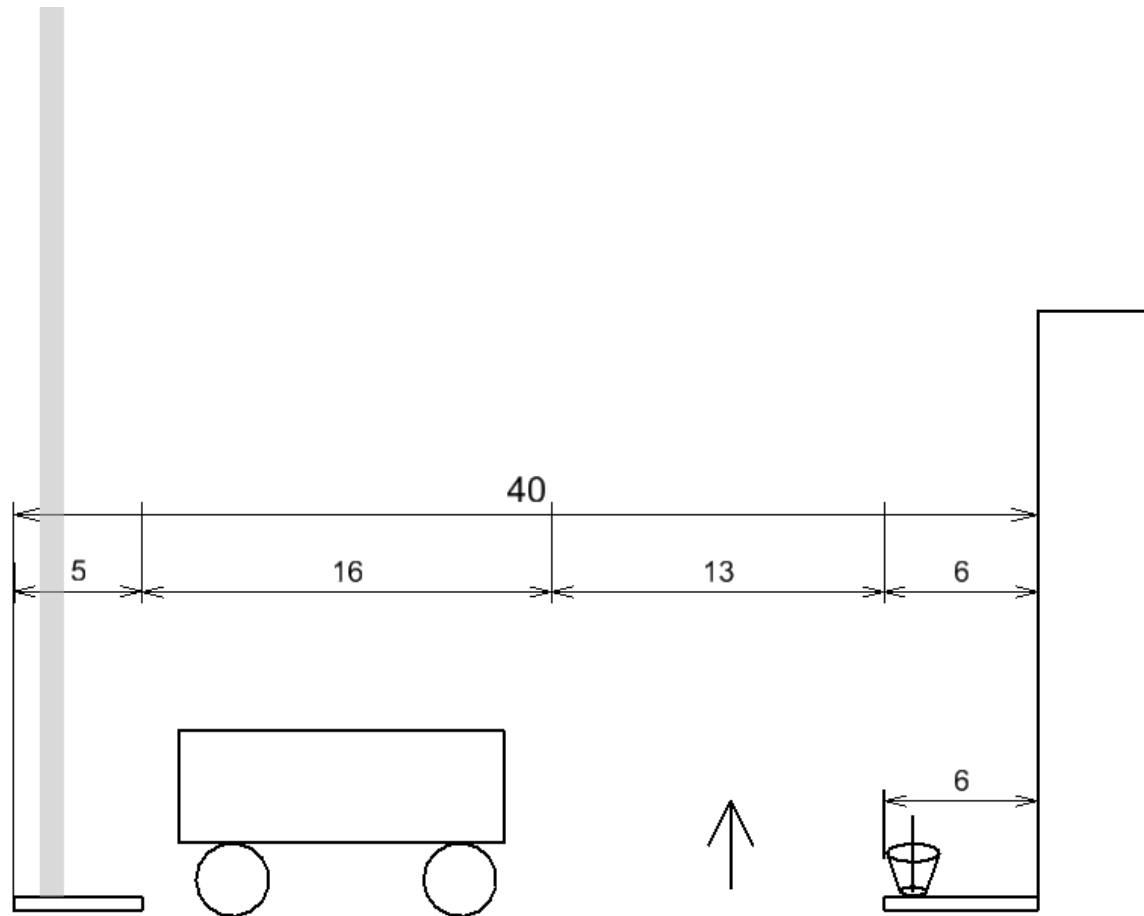
ADA Findings

- ▶ 316 accessibility deficiencies in 8 categories.
- ▶ Change in Level
- ▶ Curb Ramp
- ▶ Accessible Route through Driveways
- ▶ Level Landing
- ▶ Pedestrian Call Button
- ▶ Protruding Objects
- ▶ Sidewalks
- ▶ Surface

Mockingbird Lane Modification Option 1



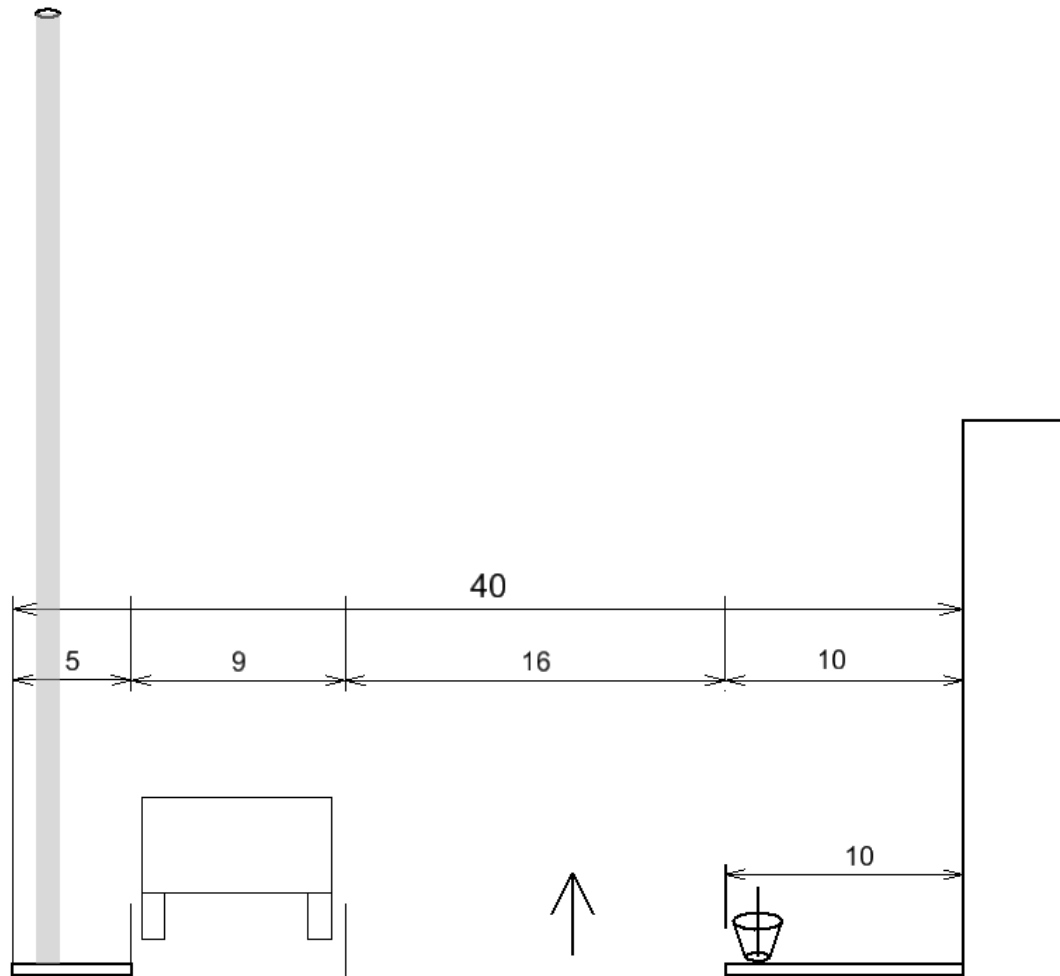
Mockingbird Lane Option 1



Mockingbird Lane Modification Option 1



Mockingbird Lane Option 2



Mockingbird Lane Modification Option 2

