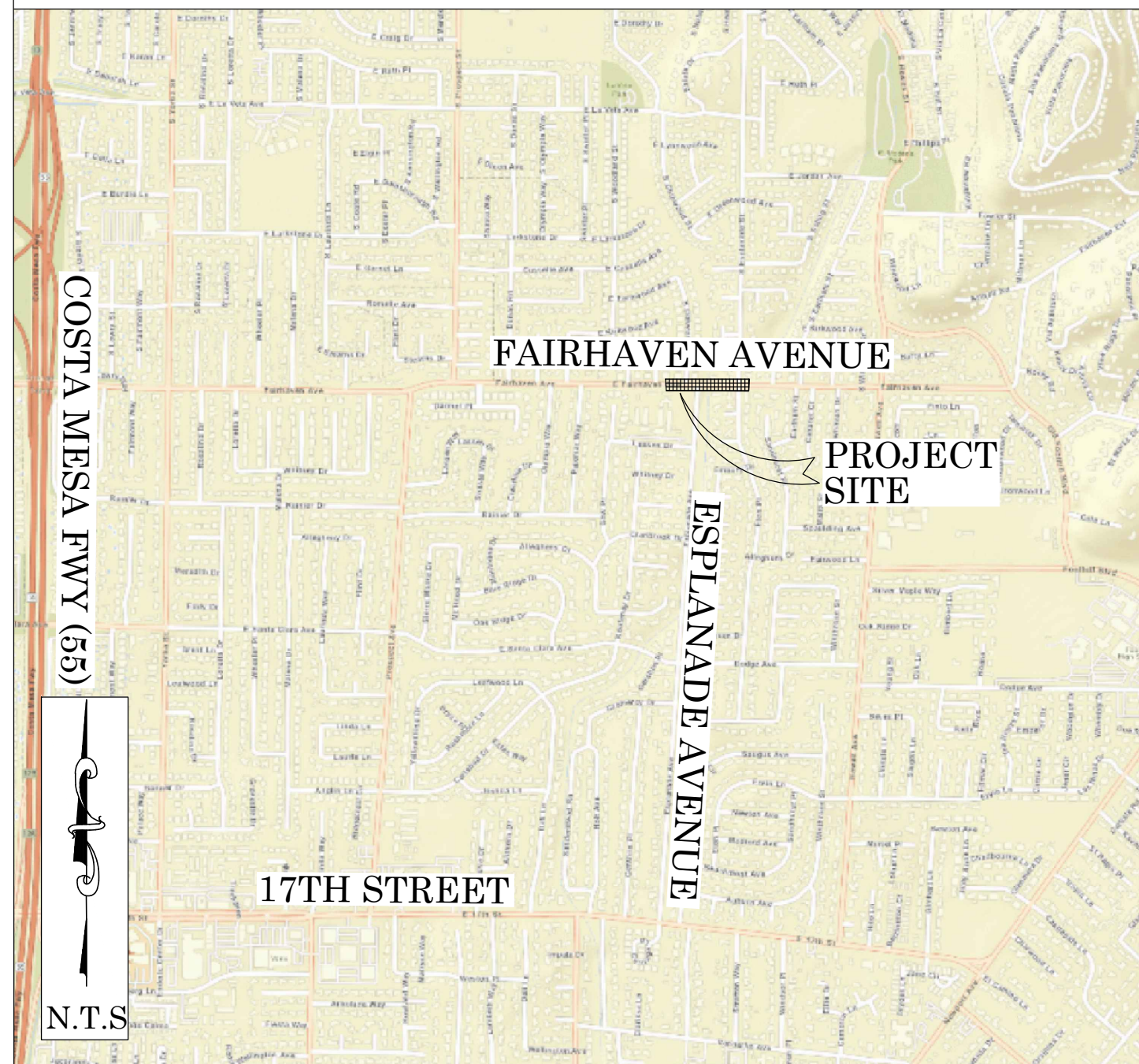




OC PUBLIC WORKS DEPARTMENT
JAMES TREADAWAY, DIRECTOR OF PUBLIC WORKS
KEVIN HILLS, COUNTY SURVEYOR
FAIRHAVEN AVENUE
ROAD MAINTENANCE



LOCATION MAP



SENIOR LAND SURVEYOR'S CERTIFICATE:

THIS MAP CORRECTLY REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECTION IN CONFORMANCE WITH REQUIREMENTS OF THE PROFESSIONAL LAND SURVEYOR'S ACT; THIS 13 DAY OF AUGUST, 2020.

ELLIOTT MEDINA, PLS. SENIOR LAND SURVEYOR



DEPUTY COUNTY SURVEYOR'S STATEMENT:

THIS MAP HAS BEEN EXAMINED IN ACCORDANCE WITH THE PROFESSIONAL LAND SURVEYOR'S ACT; THIS 13 DAY OF AUGUST, 2020.

WADE WEAVER, PLS. DEPUTY COUNTY SURVEYOR



FOUND CGPS "SACY"
N: 2218016.19'
E: 6061432.27'
THIS IS A CONTINUOUS GPS STATION (CGPS) AND IS PART OF THE CALIFORNIA SPATIAL REFERENCE NETWORK (CSRN), FROM WHICH DATA CAN BE DOWNLOADED HERE:
[HTTP://SOPACCSRC.UCSD.EDU/](http://SOPACCSRC.UCSD.EDU/).

FOUND CGPS "OE0C"
N: 2225550.98'
E: 6107583.77'
THIS IS A CONTINUOUS GPS STATION (CGPS) AND IS PART OF THE CALIFORNIA SPATIAL REFERENCE NETWORK (CSRN), FROM WHICH DATA CAN BE DOWNLOADED HERE:
[HTTP://SOPACCSRC.UCSD.EDU/](http://SOPACCSRC.UCSD.EDU/).

BASIS OF BEARINGS

THE BASIS OF BEARINGS FOR THIS SURVEY IS BASED ON THE CALIFORNIA COORDINATE SYSTEM (CCS83), ZONE VI, NAD 83, OCS (2017.50) EPOCH ADJUSTMENT, AS DETERMINED LOCALLY BY A LINE BETWEEN CONTINUOUS GLOBAL POSITIONING STATIONS CGPS STATIONS (OE0C) AND (SACY) BEING NORTH 80°43'39" EAST AS DERIVED FROM THE COORDINATES PUBLISHED BY THE CALIFORNIA SPATIAL REFERENCE CENTER (CSRC) ALONG WITH DATA SHEETS ON FILE IN THE OFFICE OF THE ORANGE COUNTY SURVEYOR.

HORIZONTAL DATUM

COORDINATES SHOWN ARE BASED ON THE CALIFORNIA COORDINATE SYSTEM (CCS83), ZONE VI, NAD 83, OCS (2017.50) EPOCH ADJUSTMENT.
ALL DISTANCES SHOWN ARE GRID, UNLESS OTHERWISE NOTED. TO OBTAIN GROUND DISTANCES MULTIPLY GRID BY A COMBINED FACTOR OF 1.00002242.
ALL DISTANCES ARE BASED ON THE U.S. SURVEY FOOT.
COMBINATION FACTOR WAS HELD AT: #3007
N: 2228634.48', E: 6087211.98', ELEVATION= 231.76'

VERTICAL DATUM

O.C.S. BM. 3C-22-71 ELEV. = 174.752' YEAR LEVELED: 2015
NAVD 1988 (O.C.S. 1995 ADJUSTMENT)
DESCRIPTION: MONUMENT IS SET IN KNOWN SUBSIDENCE ZONE AND MAY NOT FIT ADJACENT BENCHMARKS. DESCRIBED BY OCS 2001 - FOUND 3 3/4" OCS ALUMINUM BENCHMARK DISK STAMPED "3C-22-71", SET IN THE TOP OF A 4 IN. BY 4 IN. CONCRETE POST. MONUMENT IS LOCATED IN THE SOUTHEAST CORNER OF THE INTERSECTION OF LAMBETH WAY AND 17TH STREET, 43 FT. SOUTHERLY OF THE CENTERLINE OF 17TH STREET AND 42.6 FT. EASTERLY OF THE CENTERLINE OF LAMBETH WAY. MONUMENT IS SET UP 0.1 FT. FROM THE TOP OF CURB.

NOTES

THE SURVEY INFORMATION SHOWN HEREON IS TO BE USED FOR TOPOGRAPHIC RELATIONSHIPS ONLY AND IS NOT INTENDED FOR LAND ACQUISITION OR BOUNDARY PURPOSES.

SHEET INDEX

SHEET	NO.	DESCRIPTION
1	1	TITLE SHEET
2-3	2-3	BOUNDARY
4	4	TOPOGRAPHIC MAP
5-6	5-6	SECTIONS

PURPOSE OF SURVEY

A TOPOGRAPHIC SURVEY WAS REQUESTED FOR AN ENGINEERING EVALUATION OF FAIRHAVEN AVE.

			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
			FAIRHAVEN AVENUE ROAD MAINTENANCE				
			TITLE SHEET				
			PROJECT LIMITS: FROM THE INTERSECTION OF S. OAKWOOD ST AND FAIRHAVEN AVE TO THE INTERSECTION OF ESPLANADE AVE AND ETON PL				
			DATE OF SURVEY: 05/21/2020		BY: R. MACIAS, PLS & PARTY		SHEET NO. 1 of 7
			MAPPING		BY: I. ISLAS		
			OFFICE CHECK		BY: E. MEDINA, PLS		
			FIELD CHECK		BY: R. MACIAS, PLS		
			SCALE: N.T.S.		W.O. #ER38001		
			FILE F-FAIRHAVEN AVE		TOPO, 2020.DWG		FILE #1920PW-IN0024
MARK	DATE	ITEM		REVISIONS			

TOPOGRAPHIC MAPPING PROJECT

MONUMENT NOTES

- [1] FOUND A PUNCHED 2 INCH OCS ALUMINUM CAP STAMPED '10-73' IN OCS WELL PER (R17), DN. 1.70' IN A.C. ACCEPTED AS THE CENTERLINE INTERSECTION OF FAIRHAVEN AVE & NORTH PROSPECT AVE.
- [2] FOUND A PUNCHED HEX BAR IN OCS WELL PER (R16), DN. 1.40' IN A.C. ACCEPTED AS THE CENTERLINE INTERSECTION OF FAIRHAVEN AVE & HEWES AVENUE.
- [3] FOUND MAG NAIL & 1-1/2 INCH TAG STAMPED 'LS 5411' FLUSH WITH A.C. PER (R11). ACCEPTED AS THE CENTERLINE INTERSECTION OF FAIRHAVEN AVENUE & OAKWOOD STREET PER (R3).
- [4] FOUND MAG NAIL & 1-1/2 INCH TAG STAMPED 'LS 5411' FLUSH WITH A.C PER (R12). ACCEPTED AS THE CENTERLINE INTERSECTION OF FAIRHAVEN AVENUE & ESPLANADE AVENUE PER (R9).
- [5] FOUND PUNCHED 2 INCH OCS ALUMINUM CAP STAMPED '10-73' IN OCS WELL PER (R15), DN. 1.75' IN A.C. ACCEPTED AS THE CENTERLINE INTERSECTION OF FAIRHAVEN AVENUE & ESPLANADE STREET PER (R2).

ESTABLISHMENT NOTES

- A ESTABLISHED THE CENTERLINE OF FAIRHAVEN AVENUE BY HOLDING MONUMENT [1] & [2] PER (R1 & R2).
- B ESTABLISHED THE CENTERLINE OF OAKWOOD STREET BY LEAST SQUARE ADJUSTMENT BETWEEN MONUMENT [3] & MONUMENT [7] HOLDING RECORD CURVE DATA PER (R3).
- E ESTABLISHED THE CENTERLINE OF ESPLANADE STREET BY HOLDING MONUMENTS [5] & [9] PER (R15).
- F ESTABLISHED A PORTION OF THE S'LY RIGHT OF WAY OF FAIRHAVEN AVENUE PARALLEL AND 40' FROM ESTABLISHMENT NOTE A PER (R4, R9, & R21).
- G ESTABLISHED THE CENTERLINE OF ESPLANADE AVENUE BY HOLDING MONUMENT [4] & ESTABLISHMENT NOTE B PER (R15).
- H ESTABLISHED THE CENTERLINE OF ETON PLACE BY HOLDING THE RECORD ANGLE OF 90°00'00" FROM ESTABLISHMENT NOTE A AT MONUMENT [5] PER (R4).
- J SEARCHED, FOUND NOTHING, ESTABLISHED FROM 4 FOUND 'OCS TIES' PER (R8), N85°48'02"W 0.11'. POSITION CONFIRMS THAT MONUMENT WAS W'LY FROM THE CENTERLINE OF ESPLANADE AVENUE PER (R15).
- K ESTABLISHED A POINT ON THE W'LY RIGHT OF WAY OF OAKWOOD STREET PARALLEL AND 30' PERPENDICULAR, AT A CALCULATED RECORD DISTANCE OF 57.20' NE'LY FROM MONUMENT [3] ALONG ESTABLISHMENT NOTE B PER (R3).
- L ESTABLISHED A POINT ON THE N'LY RIGHT OF WAY OF FAIRHAVEN AVENUE PARALLEL AND 40' PERPENDICULAR, AT A CALCULATED RECORD DISTANCE OF 46.60' W'LY FROM MONUMENT [3] ALONG ESTABLISHMENT NOTE A PER (R3).
- M ESTABLISHED PART OF THE W'LY RIGHT OF WAY OF OAKWOOD STREET BY HOLDING RECORD CURVE DATA BETWEEN ESTABLISHMENT NOTES L & K PER (R3).
- N ESTABLISHED A PORTION OF THE W'LY RIGHT OF WAY OF OAKWOOD STREET PARALLEL AND 30' FROM ESTABLISHMENT NOTE B PER (R3).
- O ESTABLISHED A PORTION OF THE N'LY RIGHT OF WAY OF FAIRHAVEN AVENUE PARALLEL AND 40' FROM ESTABLISHMENT NOTE A PER (R2).
- Q ESTABLISHED A POINT ON THE E'LY RIGHT OF WAY OF OAKWOOD STREET PARALLEL AND 30' PERPENDICULAR, AT A CALCULATED RECORD DISTANCE OF 64.08' NE'LY FROM MONUMENT [3] ALONG ESTABLISHMENT NOTE B PER (R3).
- R ESTABLISHED A POINT ON THE N'LY RIGHT OF WAY OF FAIRHAVEN AVENUE PARALLEL AND 40' PERPENDICULAR, AT A CALCULATED RECORD DISTANCE OF 53.58' E'LY FROM MONUMENT [3] ALONG ESTABLISHMENT NOTE A PER (R3).
- S ESTABLISHED PART OF THE E'LY RIGHT OF WAY OF OAKWOOD STREET BY HOLDING RECORD CURVE DATA BETWEEN ESTABLISHMENT NOTES Q & R PER (R3).
- T ESTABLISHED A PORTION OF THE E'LY RIGHT OF WAY OF OAKWOOD STREET PARALLEL AND 30' FROM ESTABLISHMENT NOTE B PER (R3).
- U ESTABLISHED A POINT ON THE N'LY RIGHT OF WAY OF FAIRHAVEN AVENUE PARALLEL AND 40' PERPENDICULAR, AT A CALCULATED RECORD DISTANCE OF 55.00' NW'LY FROM MONUMENT [5] ALONG ESTABLISHMENT NOTE A PER (R6).
- V ESTABLISHED A POINT ON THE W'LY RIGHT OF WAY OF ESPLANADE STREET PARALLEL AND 40' PERPENDICULAR, AT A CALCULATED RECORD DISTANCE OF 55.25' NE'LY FROM MONUMENT [5] ALONG ESTABLISHMENT NOTE B PER (R6).
- W ESTABLISHED A PORTION OF THE W'LY RIGHT OF WAY OF ESPLANADE STREET PARALLEL AND 40' FROM ESTABLISHMENT NOTE E PER (R6).
- Y ESTABLISHED A POINT ON THE E'LY RIGHT OF WAY OF ESPLANADE STREET PARALLEL AND 40' PERPENDICULAR, AT A CALCULATED RECORD DISTANCE OF 55.25' NE'LY FROM MONUMENT [5] ALONG ESTABLISHMENT NOTE E PER (R7).
- Z ESTABLISHED A POINT ON THE N'LY RIGHT OF WAY OF FAIRHAVEN AVENUE PARALLEL AND 40' PERPENDICULAR, AT A CALCULATED RECORD DISTANCE OF 55.27' SE'LY FROM MONUMENT [5] ALONG ESTABLISHMENT NOTE A PER (R7).

ESTABLISHMENT NOTES

- A ESTABLISHED A POINT ON THE S'LY RIGHT OF WAY OF FAIRHAVEN AVENUE PARALLEL AND 40' PERPENDICULAR, AT A CALCULATED RECORD DISTANCE OF 47.00' NW'LY FROM MONUMENT [5] ALONG ESTABLISHMENT NOTE A PER (R4).
- B ESTABLISHED A POINT ON THE W'LY RIGHT OF WAY OF ETON PLACE PARALLEL AND 30' PERPENDICULAR, AT A CALCULATED RECORD DISTANCE OF 56.95' SW'LY FROM MONUMENT [5] ALONG ESTABLISHMENT NOTE H PER (R4).
- A ESTABLISHED A PORTION OF THE W'LY RIGHT OF WAY OF ETON PLACE BETWEEN ESTABLISHMENT NOTES A & B BY HOLDING RECORD RADIUS BETWEEN TWO TANGENTS PER (R4).
- A ESTABLISHED A POINT ON THE E'LY RIGHT OF WAY OF ETON PLACE PARALLEL AND 30' PERPENDICULAR, AT A CALCULATED RECORD DISTANCE OF 56.95' SW'LY FROM MONUMENT [5] ALONG ESTABLISHMENT NOTE H PER (R4).
- A ESTABLISHED A POINT ON THE S'LY RIGHT OF WAY OF FAIRHAVEN AVENUE PARALLEL AND 40' PERPENDICULAR, AT A CALCULATED RECORD DISTANCE OF 47.00' SW'LY FROM MONUMENT [5] ALONG ESTABLISHMENT NOTE A PER (R4).
- A ESTABLISHED A PORTION OF THE E'LY RIGHT OF WAY OF ETON PLACE BETWEEN ESTABLISHMENT NOTES A & B BY HOLDING RECORD RADIUS BETWEEN TWO TANGENTS PER (R4).
- A ESTABLISHED A PORTION OF THE E'LY RIGHT OF WAY OF ETON PLACE PARALLEL AND 30' FROM ESTABLISHMENT NOTE H PER (R4).
- A ESTABLISHED A PORTION OF THE E'LY RIGHT OF WAY OF ESPLANADE STREET PARALLEL AND 40' FROM ESTABLISHMENT NOTE E PER (R6).
- A ESTABLISHED A PORTION OF THE W'LY RIGHT OF WAY OF ETON PLACE PARALLEL AND 30' FROM ESTABLISHMENT NOTE H PER (R4).
- B ESTABLISHED BY INTERSECTION BETWEEN ESTABLISHMENT NOTE F & A PER (R4).
- A ESTABLISHED A PORTION OF THE E'LY RIGHT OF WAY OF ESPLANADE AVENUE PARALLEL AND 20' FROM ESTABLISHMENT NOTE G PER (R4 & R21).
- A ESTABLISHED A POINT ON THE S'LY RIGHT OF WAY OF FAIRHAVEN AVENUE PARALLEL AND 40' PERPENDICULAR, AT A CALCULATED RECORD DISTANCE OF 64.22' E'LY FROM MONUMENT [3] ALONG ESTABLISHMENT NOTE A PER (R3).
- A ESTABLISHED A POINT ON THE W'LY RIGHT OF WAY OF ESPLANADE AVENUE PARALLEL AND 40' PERPENDICULAR, AT A CALCULATED RECORD DISTANCE OF 61.49' S'LY FROM MONUMENT [4] ALONG ESTABLISHMENT NOTE G PER (R9).
- A ESTABLISHED A PORTION OF THE W'LY RIGHT OF WAY OF ESPLANADE AVENUE PARALLEL AND 40' FROM ESTABLISHMENT NOTE G PER (R9).

REFERENCES

- (R1) = TRACT NO.2982 M.M. 93/34-35
- (R2) = TRACT NO.3861 M.M. 154/44-46
- (R3) = TRACT NO.3545 M.M. 125/1-5
- (R4) = TRACT NO.3039 M.M. 100/45-48
- (R5) = TRACT NO.16554 M.M. 860/46-47
- (R6) = PARCEL MAP PMB 28/6
- (R7) = TRACT NO. 8987 M.M. 365/6-7
- (R8) = ALIGNMENT NOTES A/5-9 1081-1093
- (R9) = AMMENDED TRACT NO.16554 M.M. 870/4-6
- (R10) = CORNER RECORD 2007-0652
- (R11) = CORNER RECORD 2007-2286
- (R12) = CORNER RECORD 2007-2285
- (R13) = CORNER RECORD 2019-1123
- (R14) = CORNER RECORD 2019-1200
- (R15) = ALIGNMENT NOTES A/5-9 789-798
- (R16) = TRACT NO.9669 M.M. 404/46-48
- (R17) = TRACT NO.5913 M.M. 241/34-35
- (R18) = ALIGNMENT NOTES A/5-9 635-644
- (R19) = ALIGNMENT NOTES A/5-9 467-469
- (R20) = TRACT 4389 M.M. 204/34-35
- (R21) = O.R. 9732-384

MARK	DATE	ITEM	COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
			FAIRHAVEN AVENUE CENTERLINE ESTABLISHMENT				
			PROJECT LIMITS: FROM THE INTERSECTION OF S. OAKWOOD ST AND FAIRHAVEN AVE TO THE INTERSECTION OF ESPLANADE AVE AND ETON PL				
			DATE OF SURVEY: 05/21/2020		BY: R. MACIAS, PLS & PARTY		SHEET NO. 2 of 7
			MAPPING		BY: K. AHMED		
			OFFICE CHECK		BY: E. MEDINA, PLS		
			FIELD CHECK		BY: R. MACIAS, PLS		
SCALE: N.T.S.		W.O. #ER38001		FILE #1920PW-IN0024			
REVISIONS		FILE: FAIRHAVEN_BOUNDARY_2020.DWG					

FERNWOOD AVENUE

LA VETA AVENUE

STEARNS AVE

PROSPECT AVENUE

TRACT 3545
M.M 125/1-5

TRACT 4389
M.M 204/34-35

TRACT 8987
M.M 365/6-7

TRACT 16554
M.M 860/46-47

TRACT 3039
M.M 100/45-48

TRACT 2739
M.M 88/48-50

ESPLANADE AVENUE

EL MODENA CHANNEL

ETON PLACE

ETON PLACE

HEWES AVENUE

DODGE AVENUE

LASSEN DRIVE

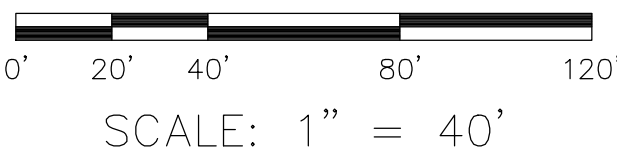
LASSEN DRIVE

DETAIL "A"
1"=30'

CURVE TABLE						
CURVE #	DELTA	RADIUS	LENGTH	RECORD DELTA	RECORD RADIUS	RECORD LENGTH
C1	25°35'02"	1267.47'	565.96'	25°35'27" (R3)	1267.47' (R3)	566.11' (R3)
C2	86°44'57"	20.00'	30.28'	93°19'27" (R3)	20.00' (R3)	30.26' (R3)
C3	93°19'05"	20.00'	32.57'	90°00'00" (R3)	17.00' (R3)	32.58' (R3)
C4	90°00'00"	17.00'	26.70'	90°00'00" (R4)	17.00' (R4)	26.70' (R4)
C5	90°00'00"	17.00'	26.70'	90°00'00" (R4)	17.00' (R4)	26.70' (R4)

LINE TABLE			
LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L1	N45°29'10"E	21.80'	(M & CFR R6)
L2	N44°20'01"W	21.08'	21.14' (R7)
L3	N04°11'58"E	61.49'	(M & CFR R9)
L4	N89°21'50"W	60.97'	(M & CFR R9)
L5	N00°38'10"E	40.00'	40.00' (R6)
L6	N85°48'21"W	40.00'	40.00' (R6)
L7	N89°21'50"W	47.00'	(M & CFR R7)
L8	N00°38'10"E	40.00'	40.00' (R4)
L9	N89°21'50"W	30.00'	30.00' (R4)
L10	N89°21'50"W	30.00'	30.00' (R4)
L11	N00°38'10"E	40.00'	40.00' (R4)
L12	N00°38'10"E	40.00'	40.00' (R6)
L13	N88°58'36"W	40.00'	40.00' (R6)
L14	N88°58'36"W	40.00'	40.00' (R6)
L15	N89°21'50"W	47.00'	(M & CFR R7)
L16	N01°01'24"E	55.25'	(M & CFR R15)
L19	N00°38'10"E	40.00'	40.00' (R3)
L20	N01°01'24"E	2005.47'	2005.45' (R15 & R20)
L21	N00°38'10"E	40.00'	40.00' (R3)
L22	N86°02'45"W	30.00'	30.00' (R3)
L23	N86°02'45"W	30.00'	30.00' (R3)
L24	N00°38'10"E	40.00'	40.00' (R3)
L25	N89°21'50"W	53.58'	(M & CFR R3)
L26	N89°21'50"W	46.60'	(M & CFR R3)
L27	N21°37'35"W	68.23'	68.23'(R3)

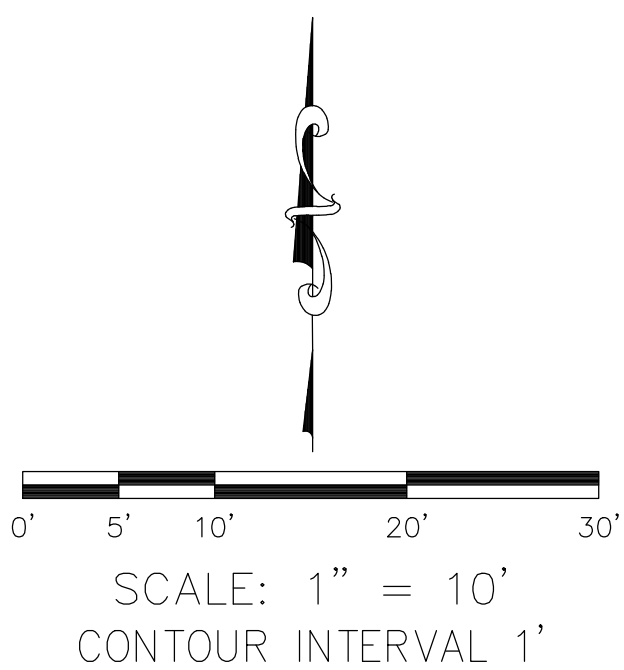
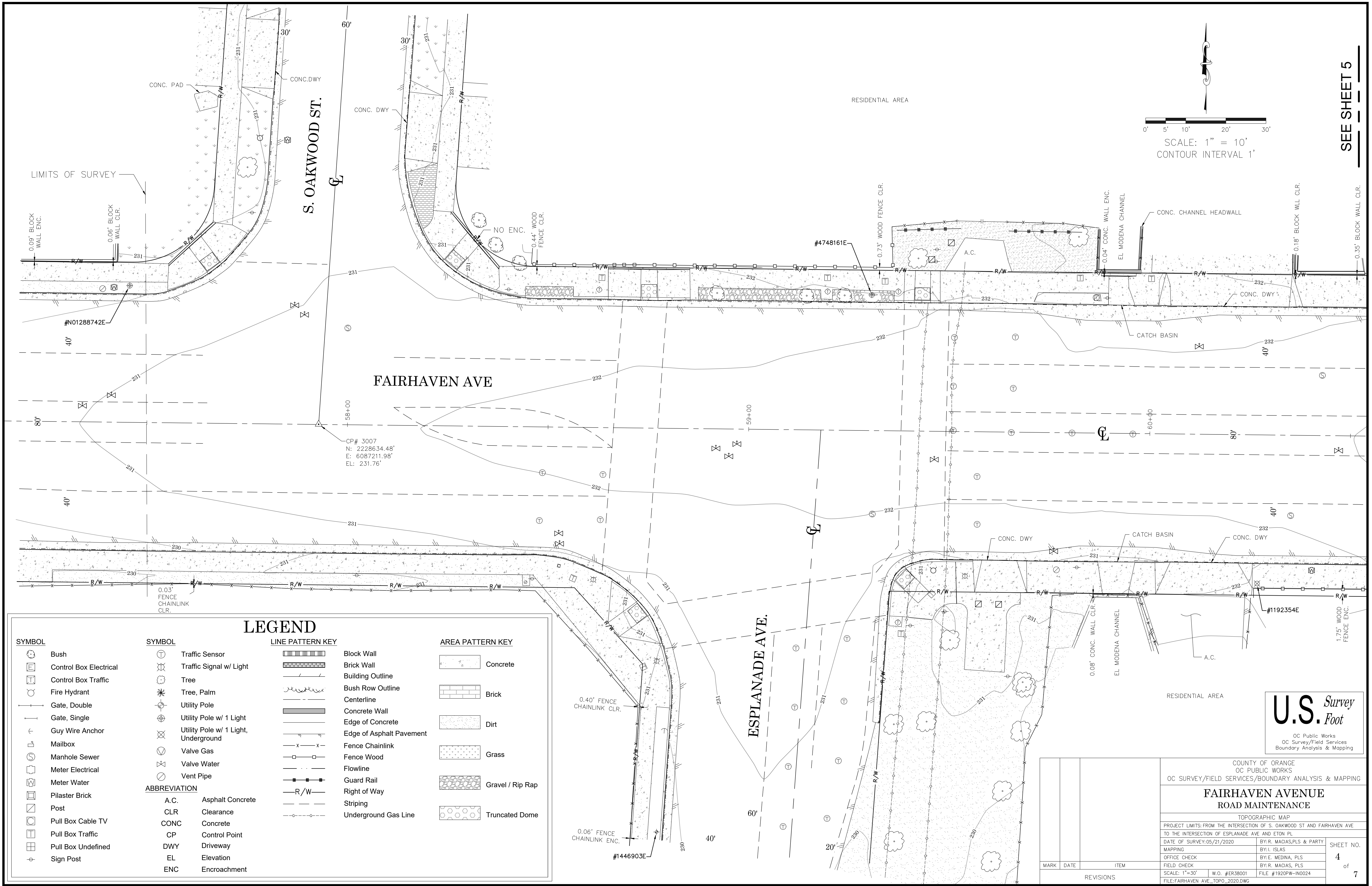
LINE TABLE			
LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L28	N31°55'47"W	54.62'	54.65' (R8)
L29	N76°49'28"E	60.74'	60.73' (R8)
L30	N39°09'39"E	56.42'	56.43' (R8)
L31	N68°11'10"W	60.83'	60.82' (R8)
L32	N89°21'50"W	10.63'	(M & CFR R3)
L33	N03°57'15"E	57.20'	(M & CFR R3)
L34	N00°38'10"E	56.95'	(M & CFR R3)
L35	N89°21'50"W	125.19'	(125.19 R3 & R19)
L36	N89°21'50"W	55.00'	(M & CFR R3)
L37	N03°57'15"E	6.88'	(M & CFR R3)
L38	N89°21'50"W	55.27'	(M & CFR R7)
L41	N89°21'50"W	309.29'	(M & CFR R4)



LEGEND

- ⊗ SEARCHED, FOUND NOTHING.
- FOUND MONUMENT AS NOTED
- M MEASURED
- R RECORD
- CFR CALCULATED FROM RECORD
- BC BEGIN OF CURVE

			COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING		
			FAIRHAVEN AVENUE CENTERLINE ESTABLISHMENT		
			PROJECT LIMITS: FROM THE INTERSECTION OF S. OAKWOOD ST AND FAIRHAVEN AVE TO THE INTERSECTION OF ESPLANADE AVE AND ETON PL		
			DATE OF SURVEY: 05/21/2020	BY: R. MACIAS, PLS & CREW	SHEET NO. 3 of 7
MARK		DATE	ITEM	MAPPING	
				OFFICE CHECK	
				FIELD CHECK	
				SCALE: 1"=40'	
REVISIONS			W.O. #ER38001	FILE #1920PW-IN0024	
			FILE: FAIRHAVEN_BOUNDARY_2020.DWG		



SEE SHEET 5

SYMBOL

- Bush
- Control Box Electrical
- Control Box Traffic
- Fire Hydrant
- Gate, Double
- Gate, Single
- Guy Wire Anchor
- Mailbox
- Manhole Sewer
- Meter Electrical
- Meter Water
- Pilaster Brick
- Post
- Pull Box Cable TV
- Pull Box Traffic
- Pull Box Undefined
- Sign Post

SYMBOL

- Traffic Sensor
- Traffic Signal w/ Light
- Tree
- Tree, Palm
- Utility Pole
- Utility Pole w/ 1 Light
- Utility Pole w/ 1 Light, Underground
- Valve Gas
- Valve Water
- Vent Pipe

ABBREVIATION

- A.C. Asphalt Concrete
- CLR Clearance
- CONC Concrete
- CP Control Point
- DWY Driveway
- EL Elevation
- ENC Encroachment

LINE PATTERN KEY

- Block Wall
- Brick Wall
- Building Outline
- Bush Row Outline
- Centerline
- Concrete Wall
- Edge of Concrete
- Edge of Asphalt Pavement
- Fence Chainlink
- Fence Wood
- Flowline
- Guard Rail
- Right of Way
- Striping
- Underground Gas Line

AREA PATTERN KEY

- Concrete
- Brick
- Dirt
- Grass
- Gravel / Rip Rap
- Truncated Dome

COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING		
FAIRHAVEN AVENUE ROAD MAINTENANCE		
TOPOGRAPHIC MAP		
PROJECT LIMITS: FROM THE INTERSECTION OF S. OAKWOOD ST AND FAIRHAVEN AVE TO THE INTERSECTION OF ESPLANADE AVE AND ETON PL		
DATE OF SURVEY: 05/21/2020	BY: R. MACIAS, PLS & PARTY	SHEET NO. 4 of 7
MAPPING	BY: L. ISLAS	
OFFICE CHECK	BY: E. MEDINA, PLS	
FIELD CHECK	BY: R. MACIAS, PLS	
SCALE: 1"=30'	W.O. #ER38001	
FILE: FAIRHAVEN_AVE_TOPO_2020.DWG		
MARK	DATE	ITEM
REVISIONS		

SYMBOL

Bush

Control Box Electrical

Control Box Traffic

Fire Hydrant

Gate, Double

Gate, Single

Guy Wire Anchor

Mailbox

Manhole Sewer

Meter Electrical

Meter Water

Pilaster Brick

Post

Pull Box Cable TV

Pull Box Traffic

Pull Box Undefined

Sign Post

SYMBOL

Traffic Sensor

Traffic Signal w/ Light

Tree

Tree, Palm

Utility Pole

Utility Pole w/ 1 Light

Utility Pole w/ 1 Light, Underground

Valve Gas

Valve Water

Vent Pipe

ABBREVIATION

A.C.

Asphalt Concrete

CLR

Clearance

CONC

Concrete

CP

Control Point

DWY

Driveway

EL

Elevation

ENC

Encroachment

LINE PATTERN KEY

Block Wall

Brick Wall

Building Outline

Bush Row Outline

Centerline

Concrete Wall

Edge of Concrete

Edge of Asphalt Pavement

Fence Chainlink

Fence Wood

Flowline

Guard Rail

Right of Way

Striping

Underground Gas Line

AREA PATTERN KEY

Concrete

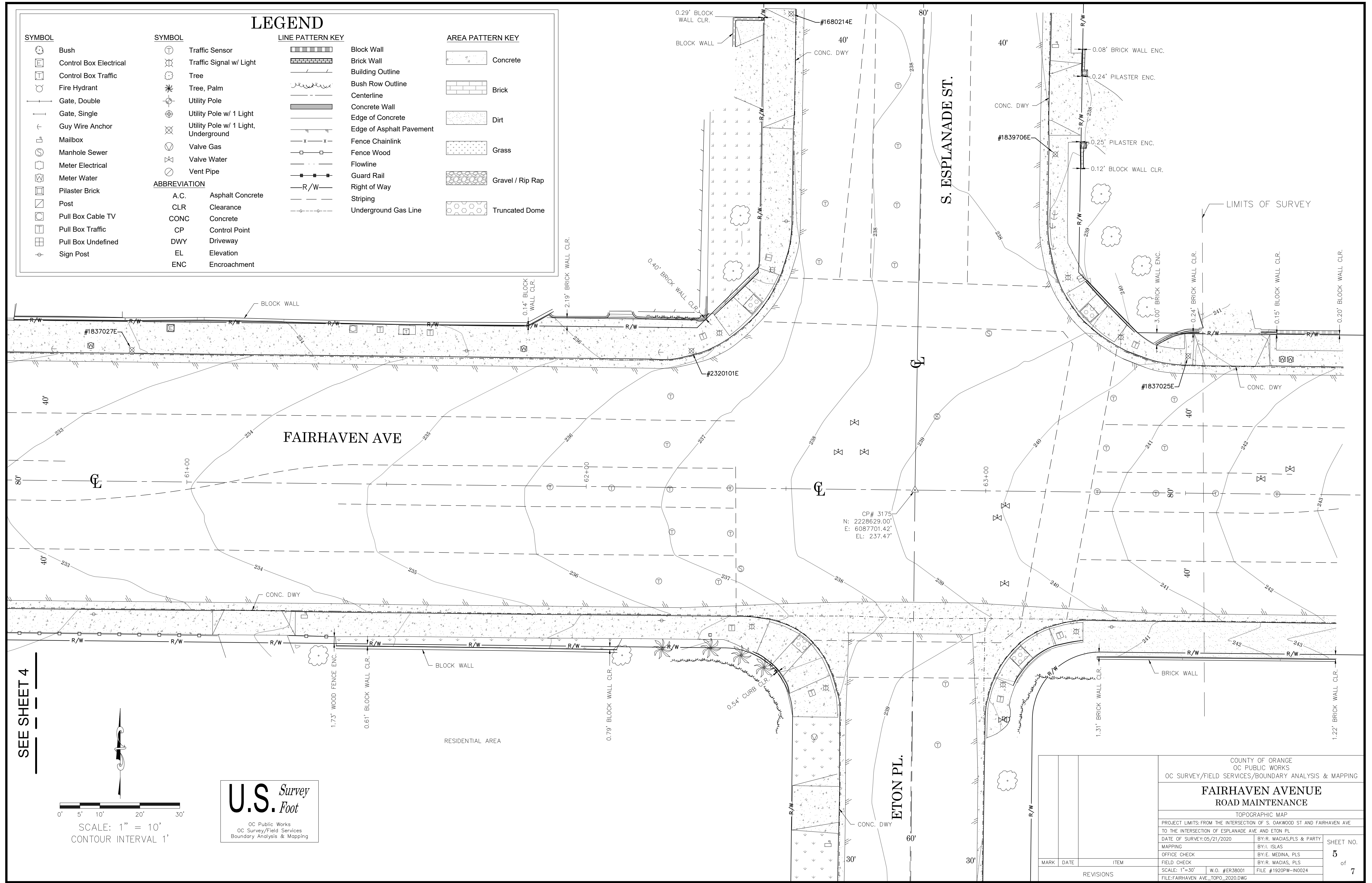
Brick

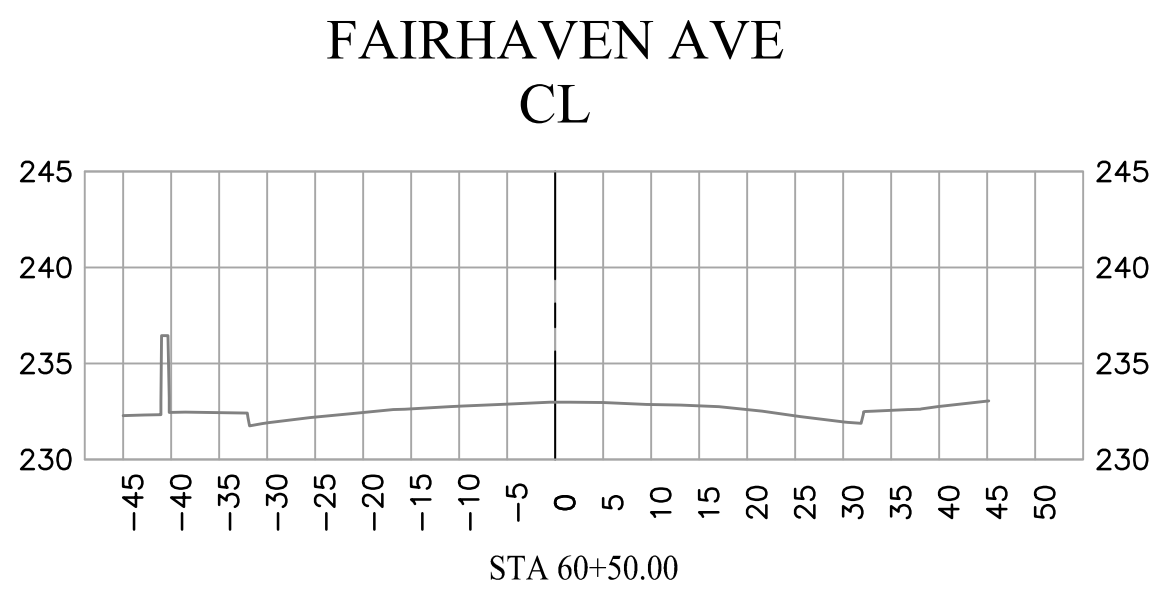
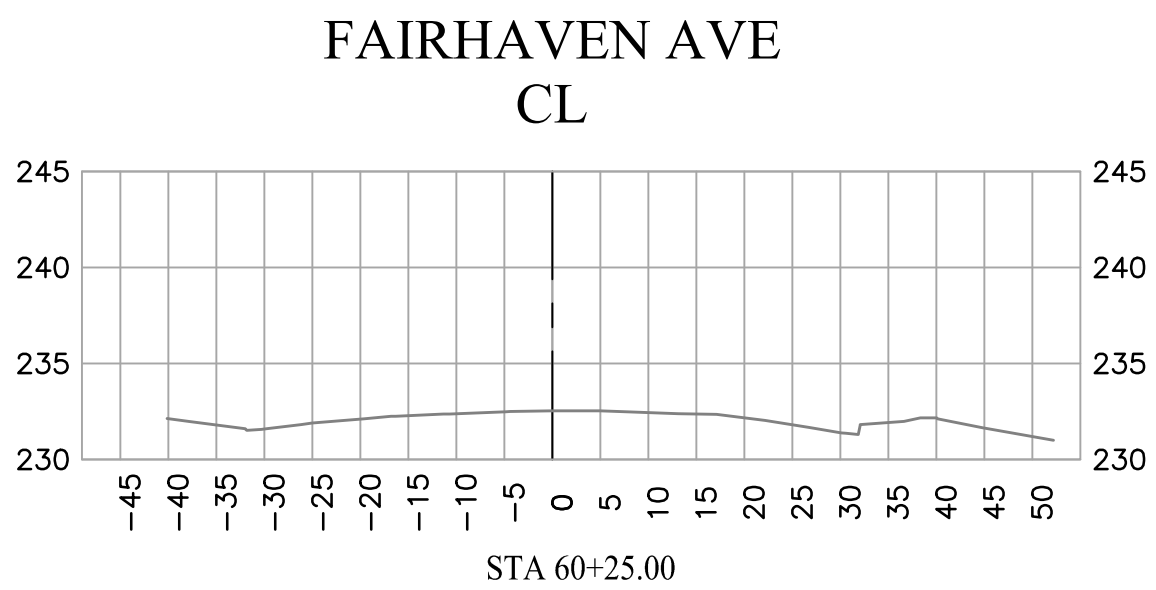
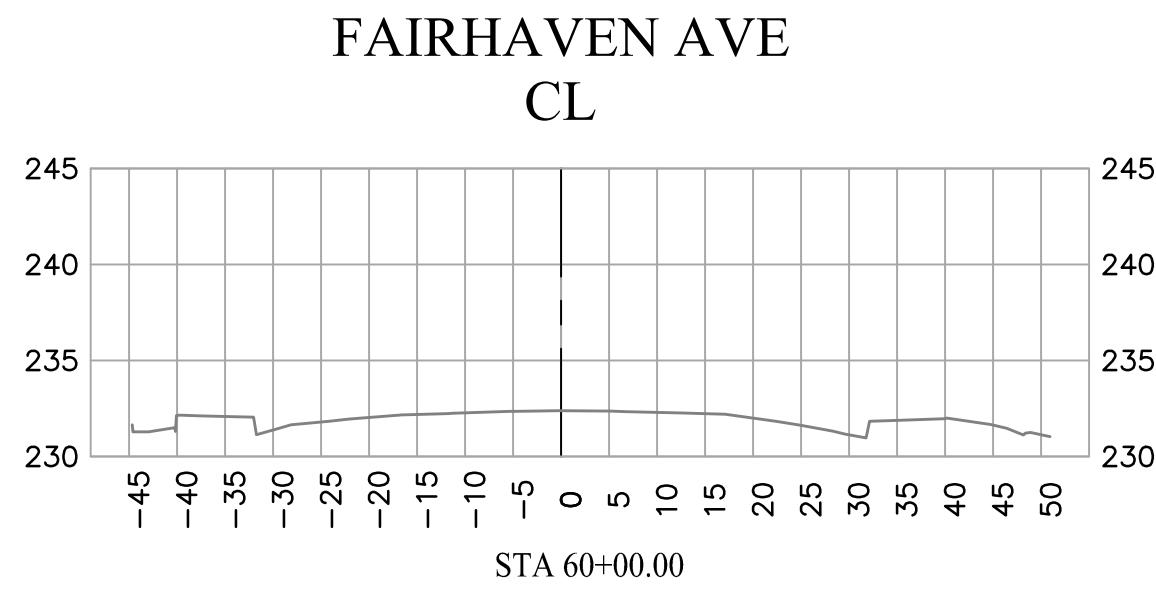
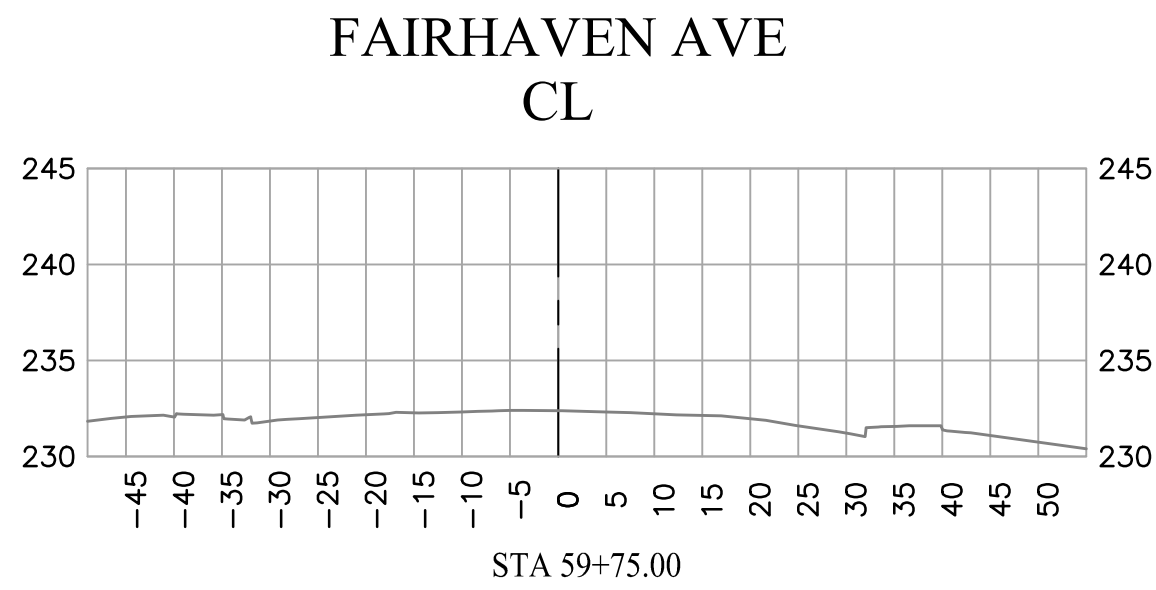
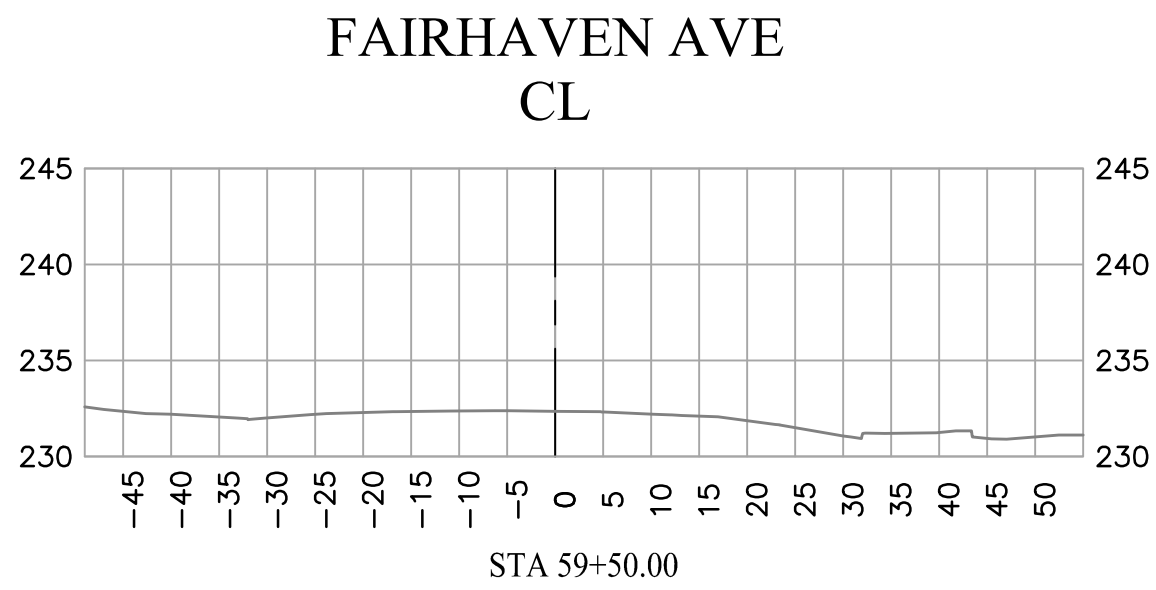
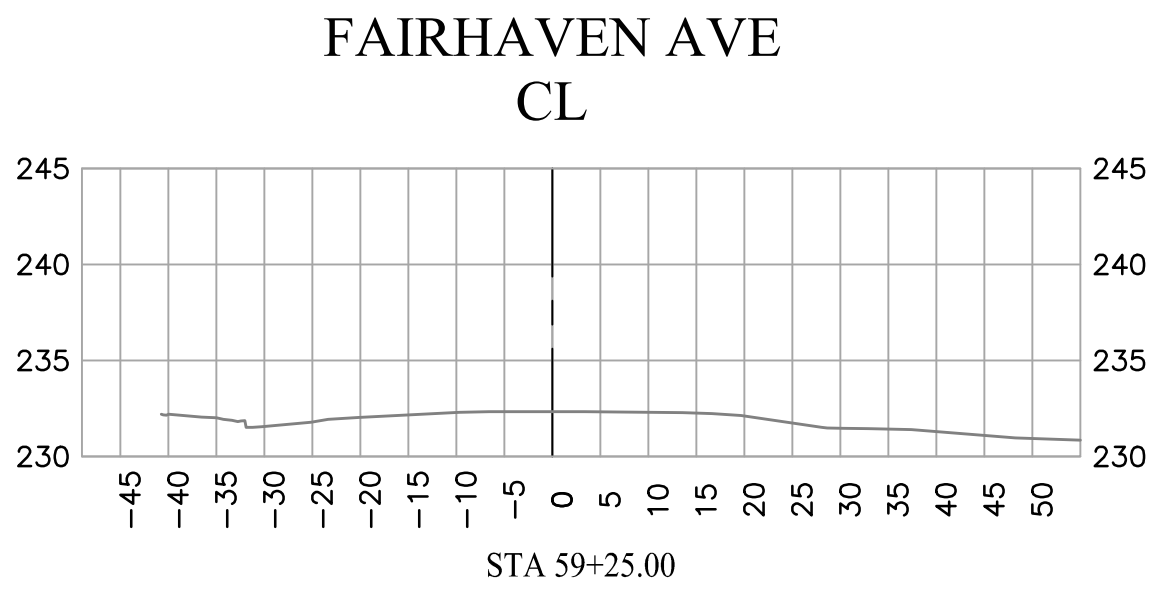
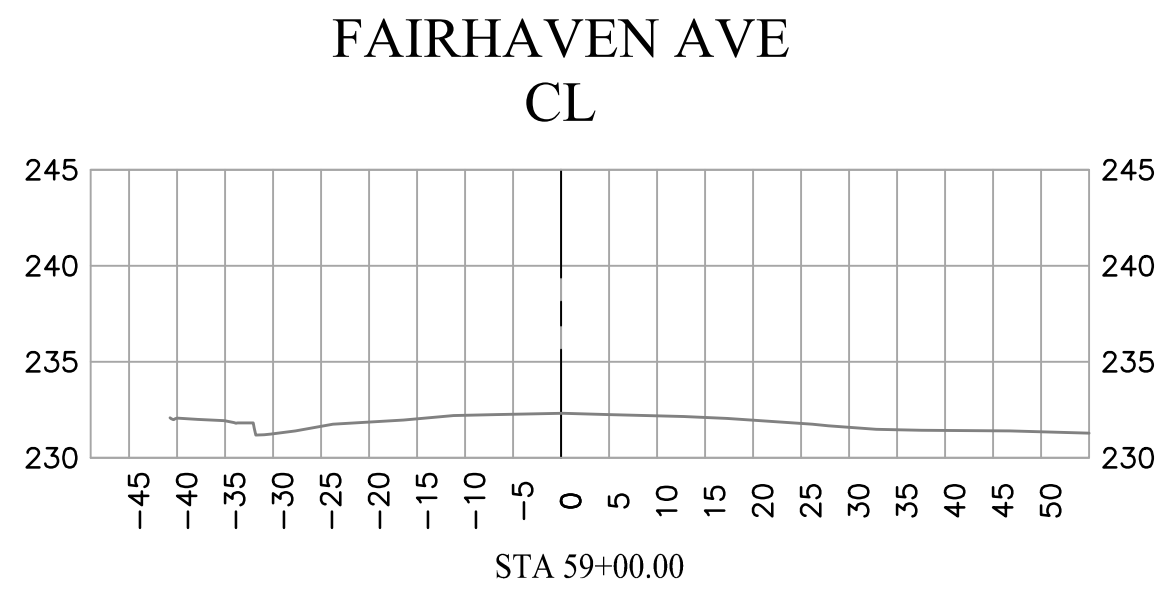
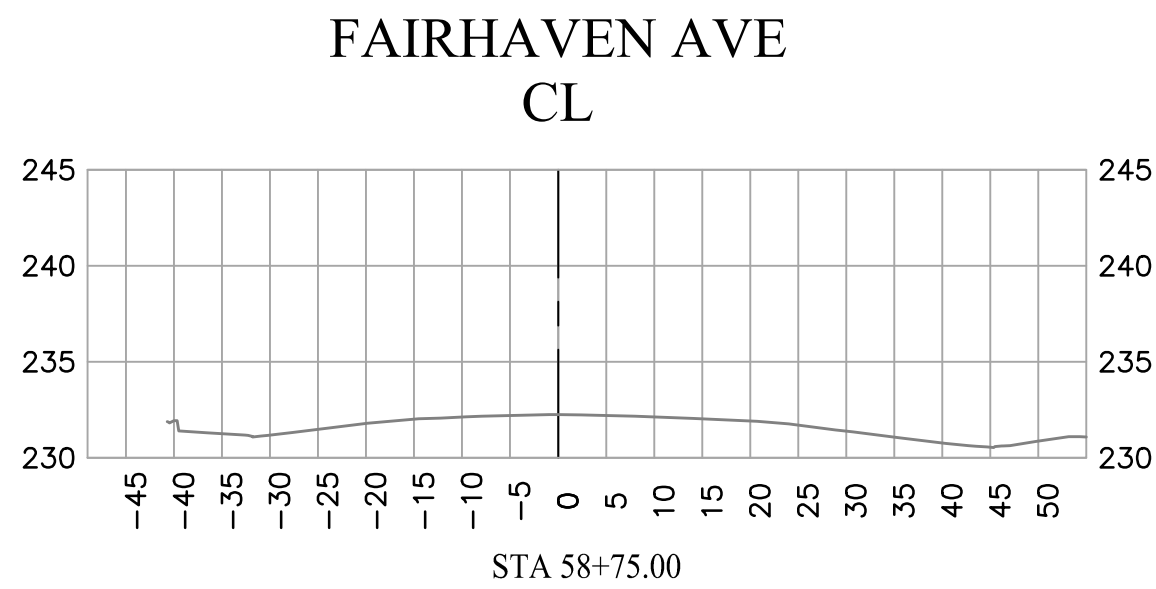
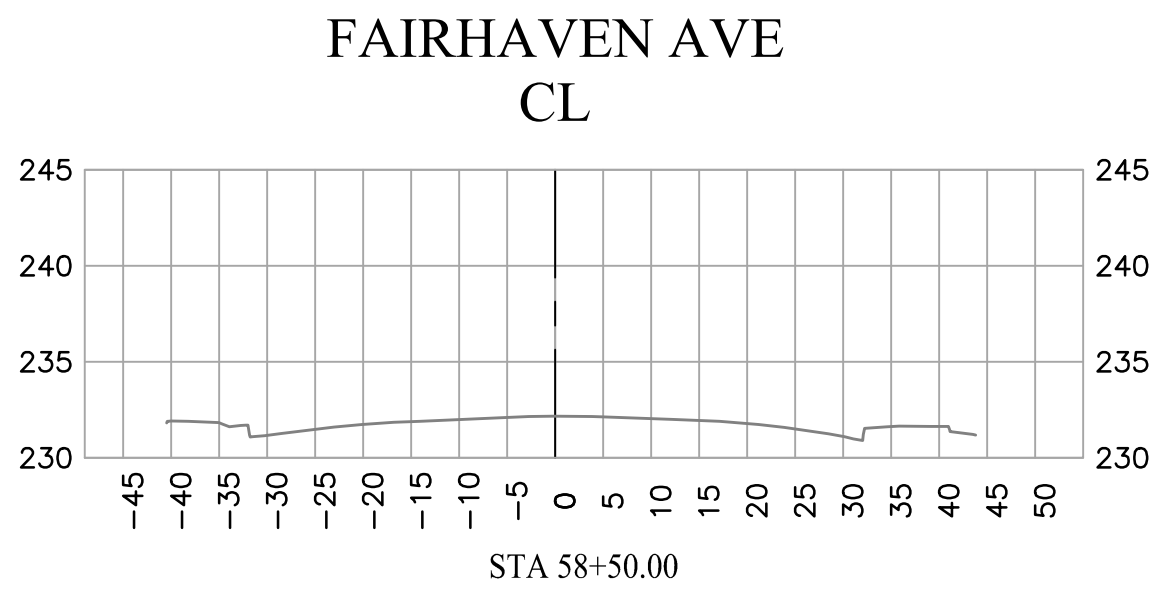
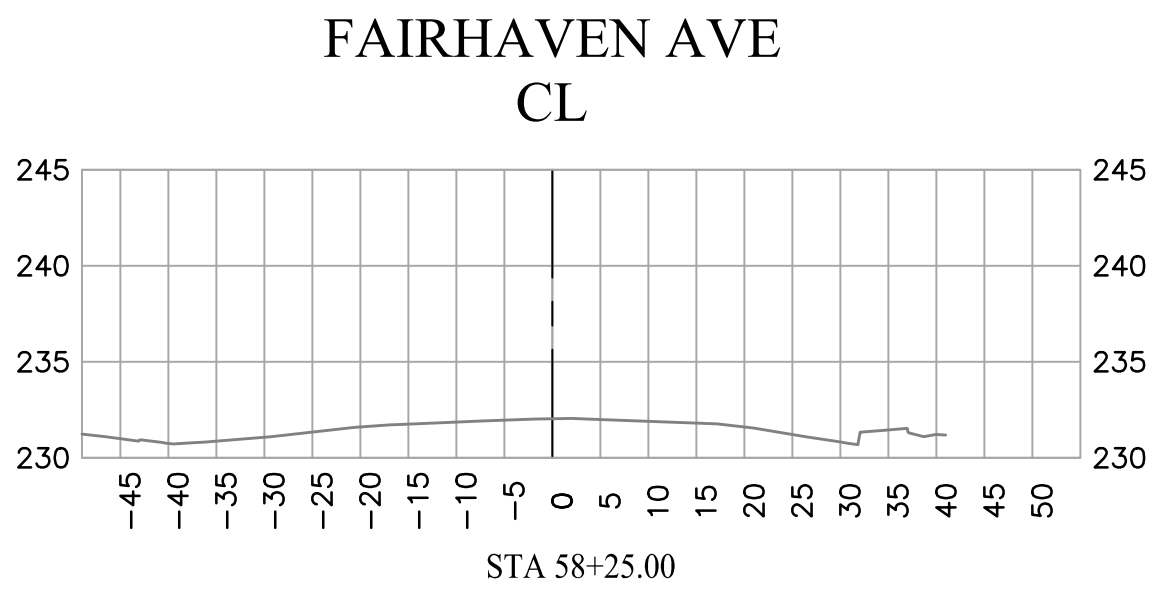
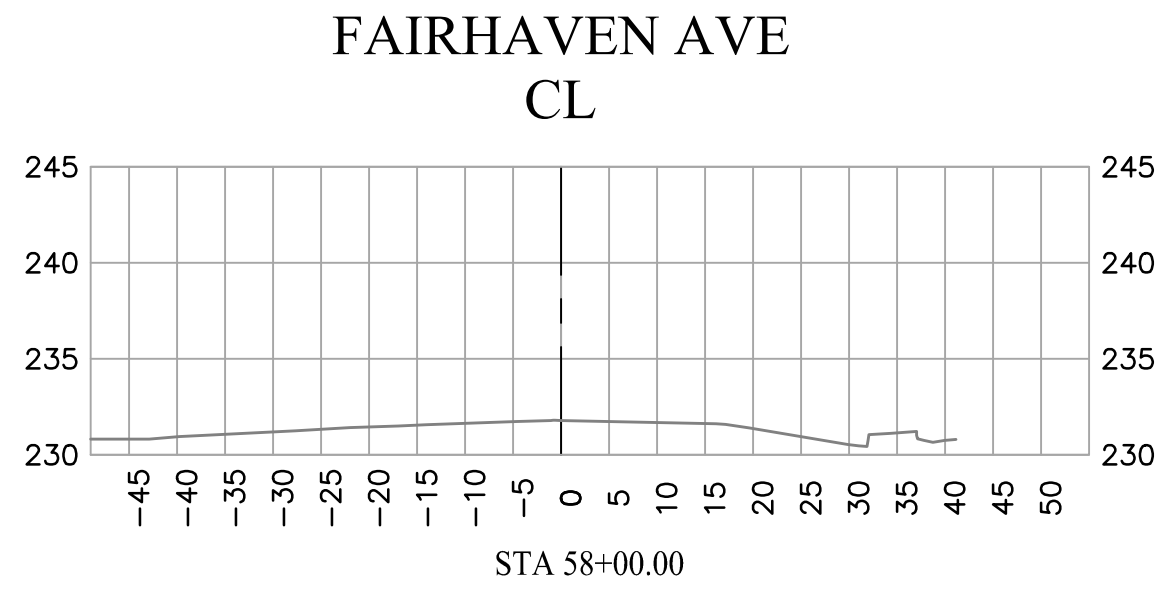
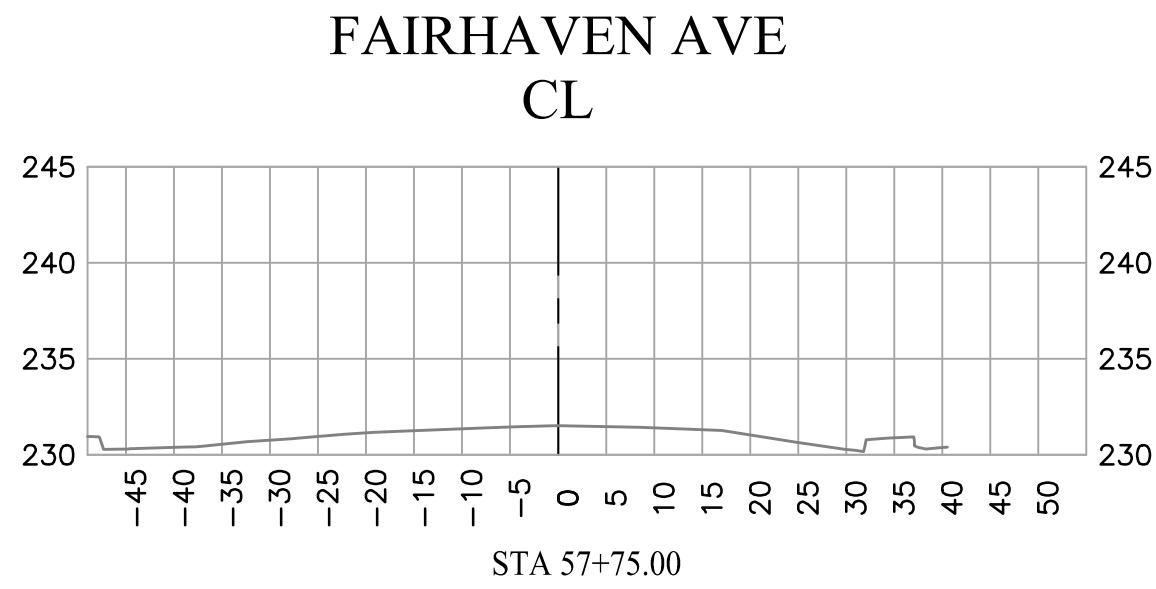
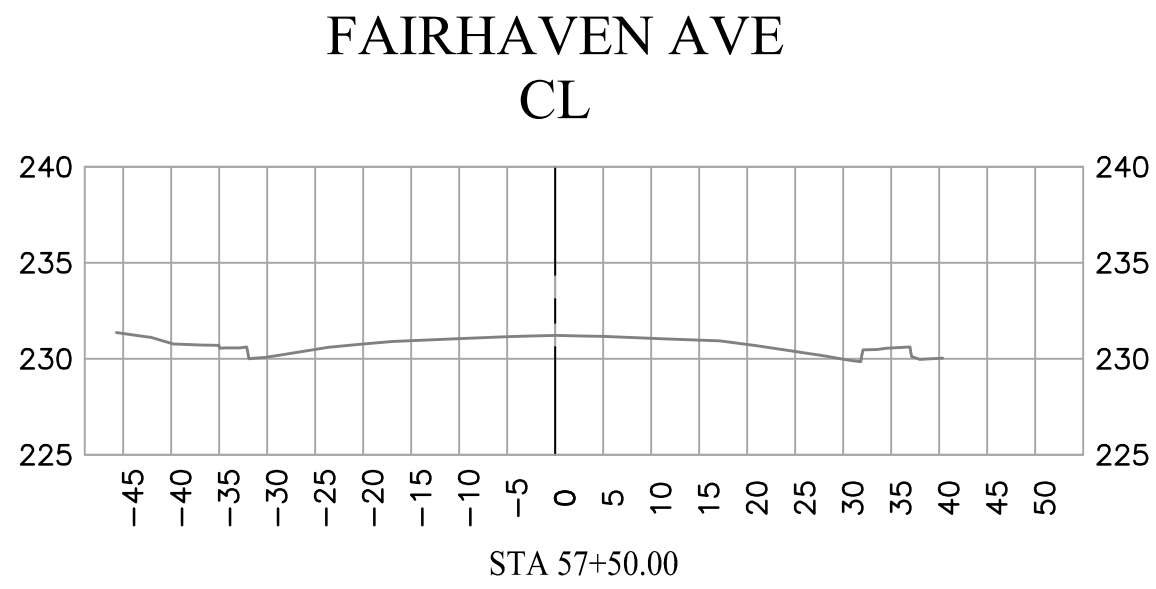
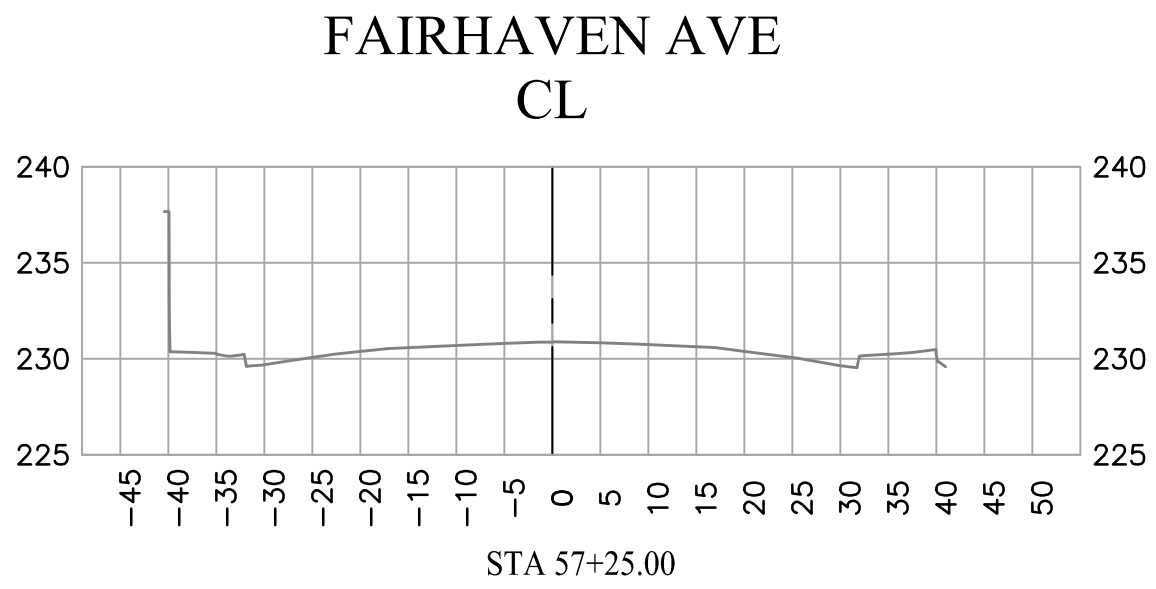
Dirt

Grass

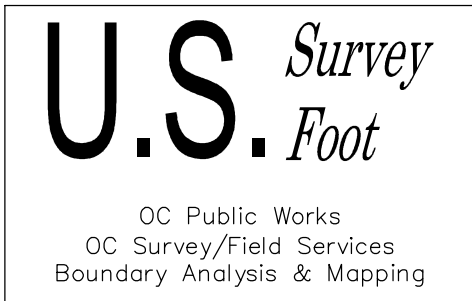
Gravel / Rip Rap

Truncated Dome

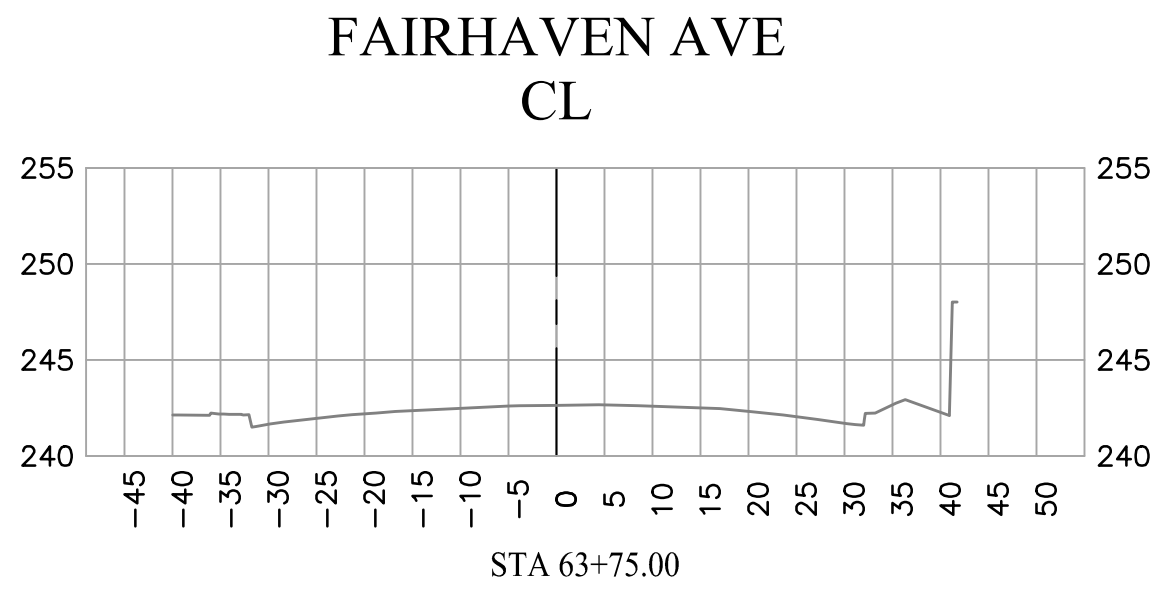
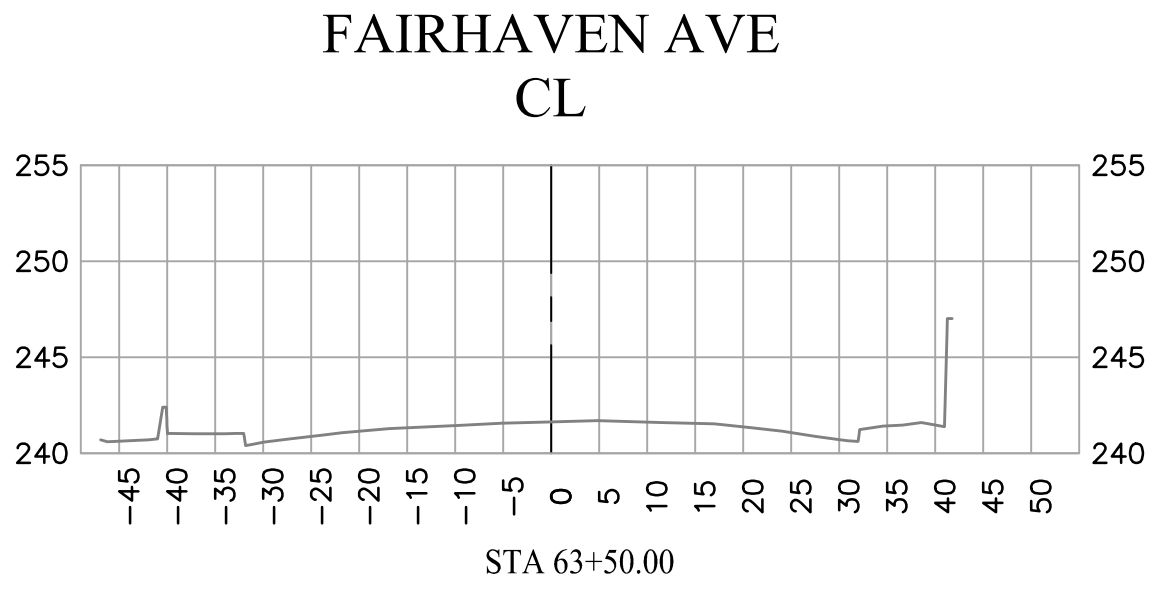
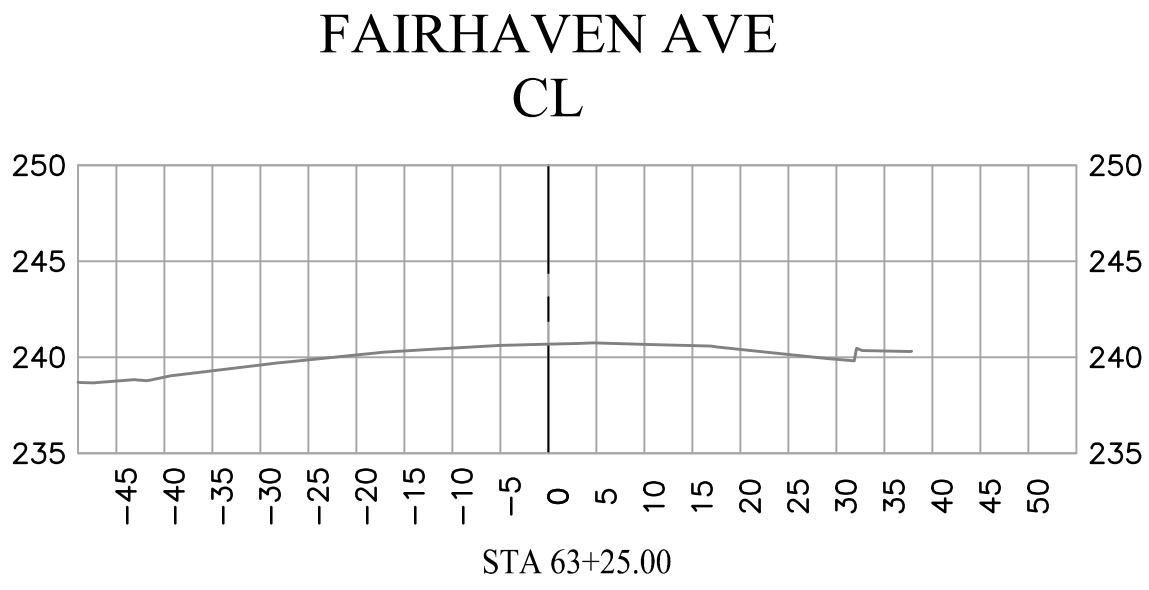
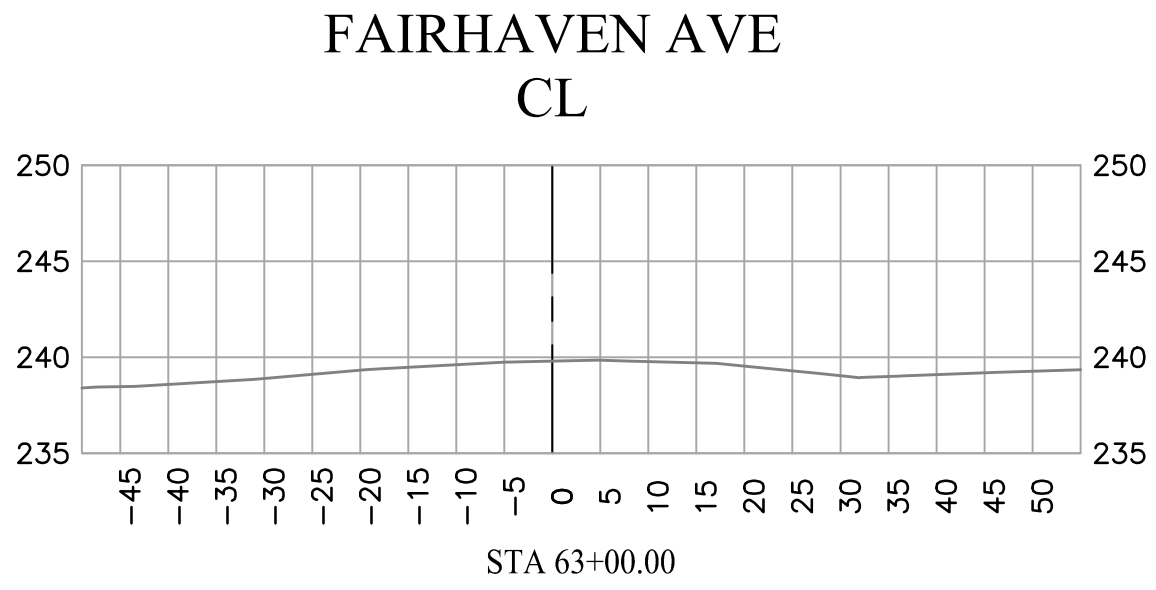
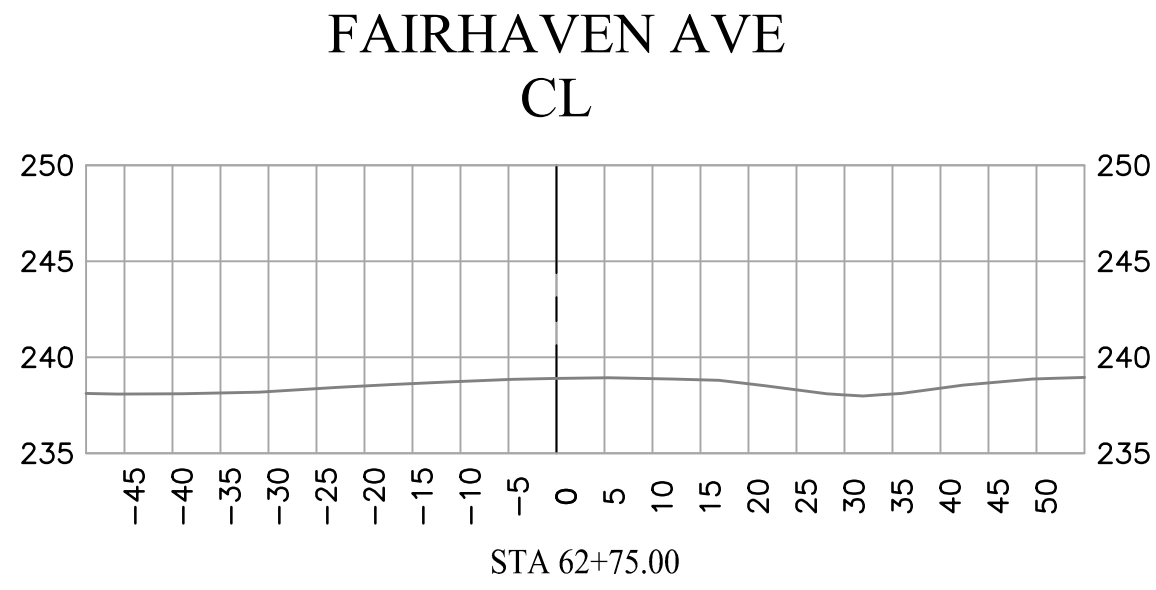
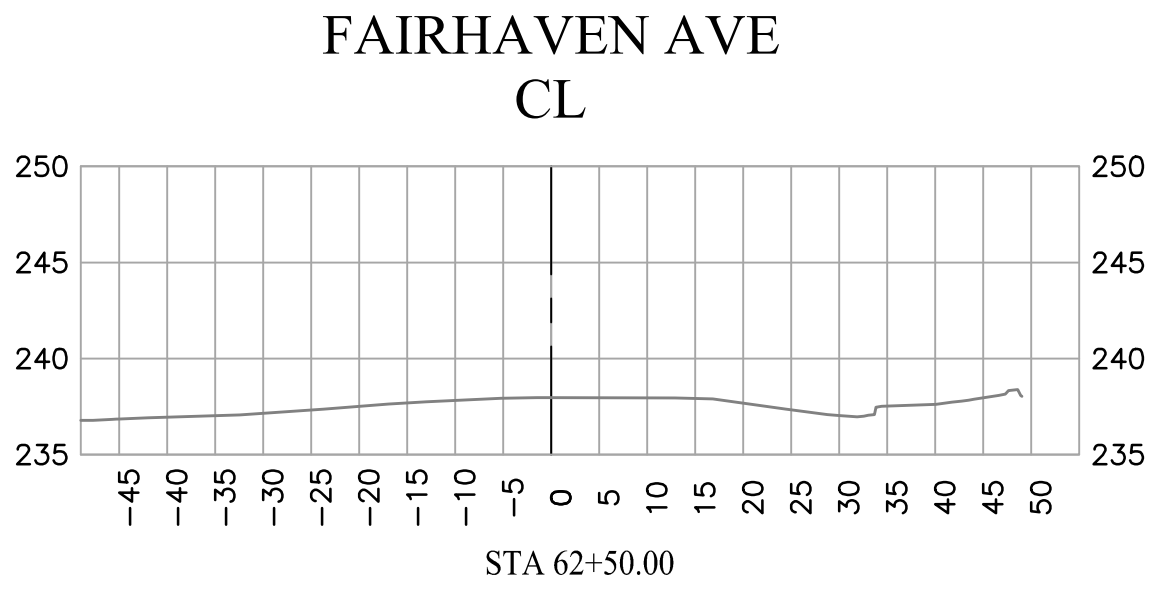
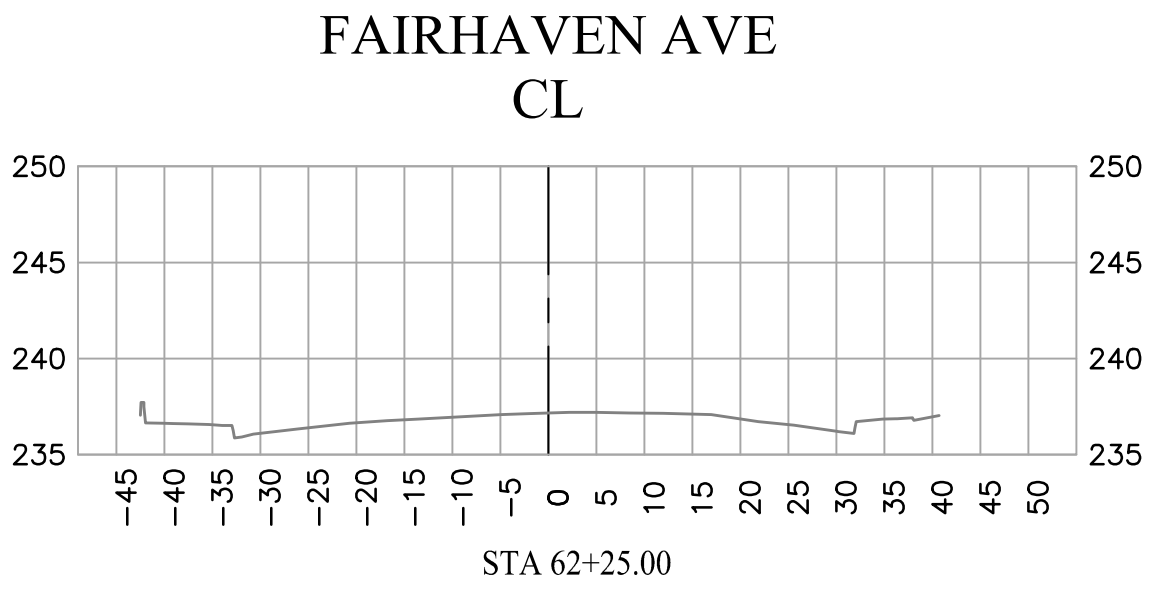
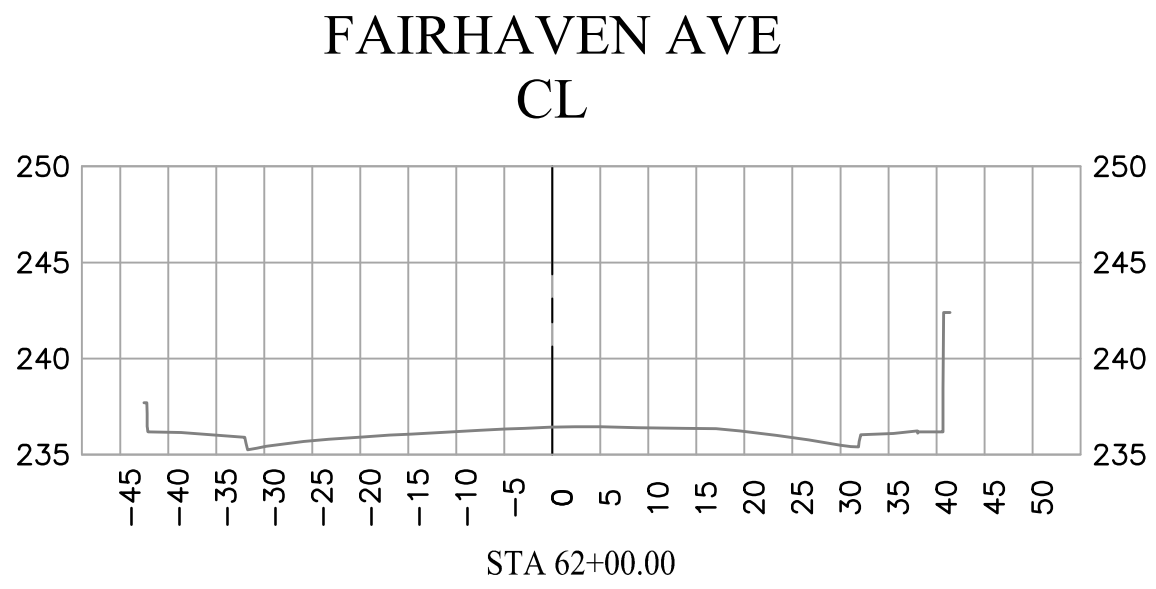
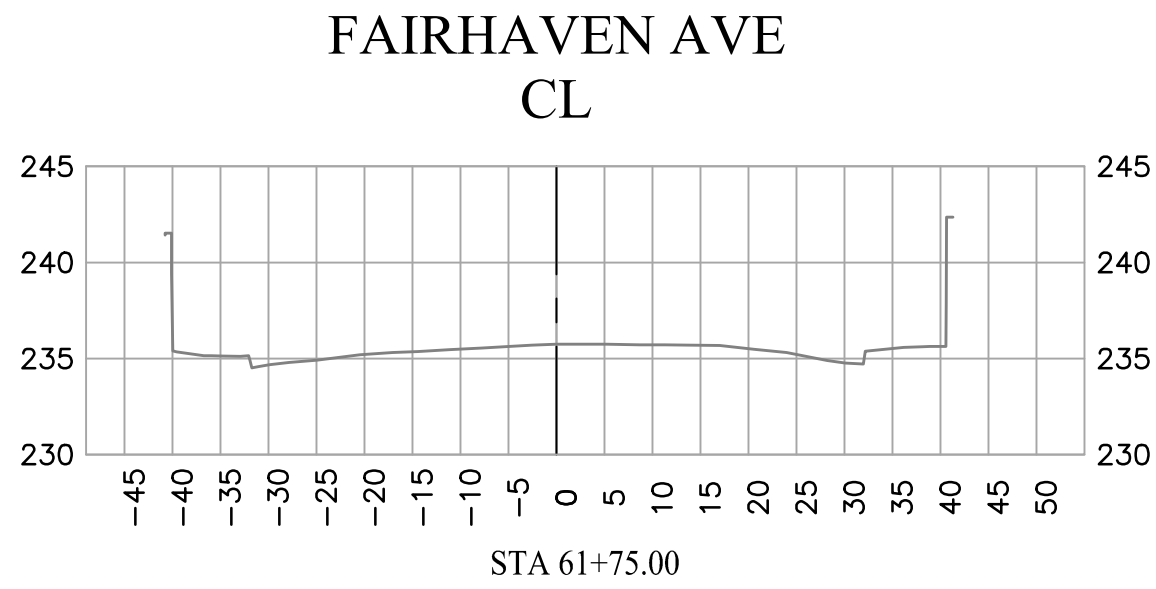
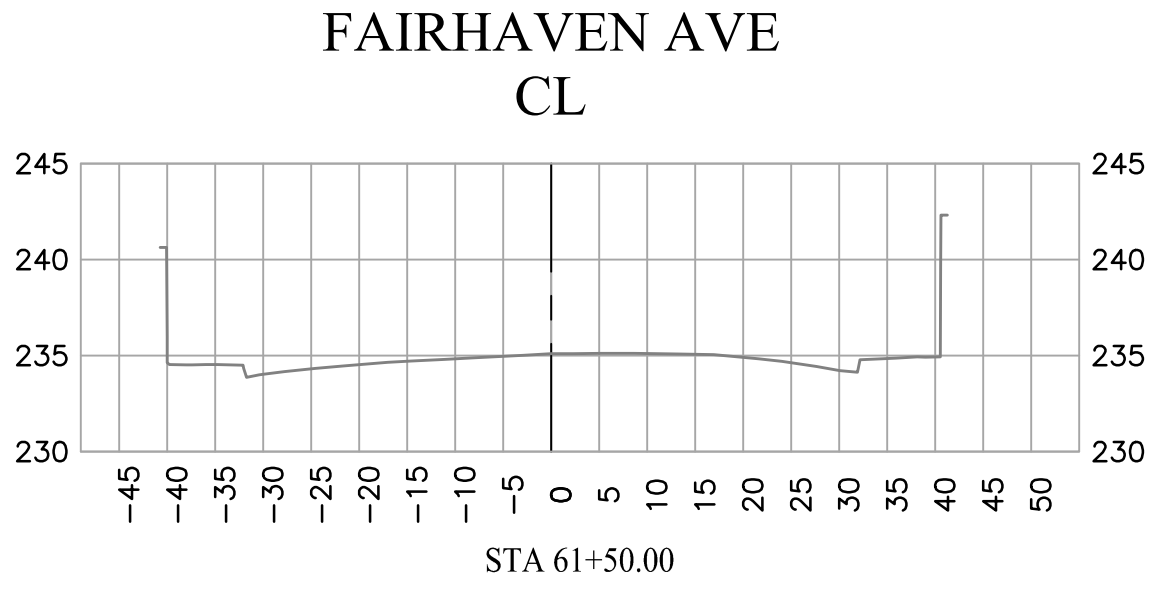
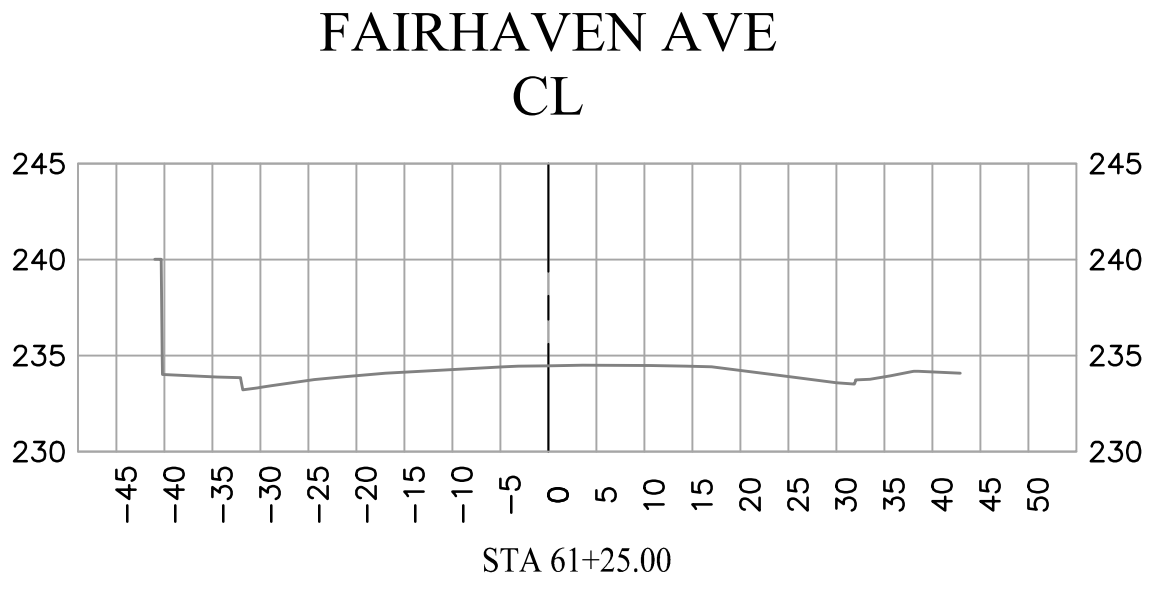
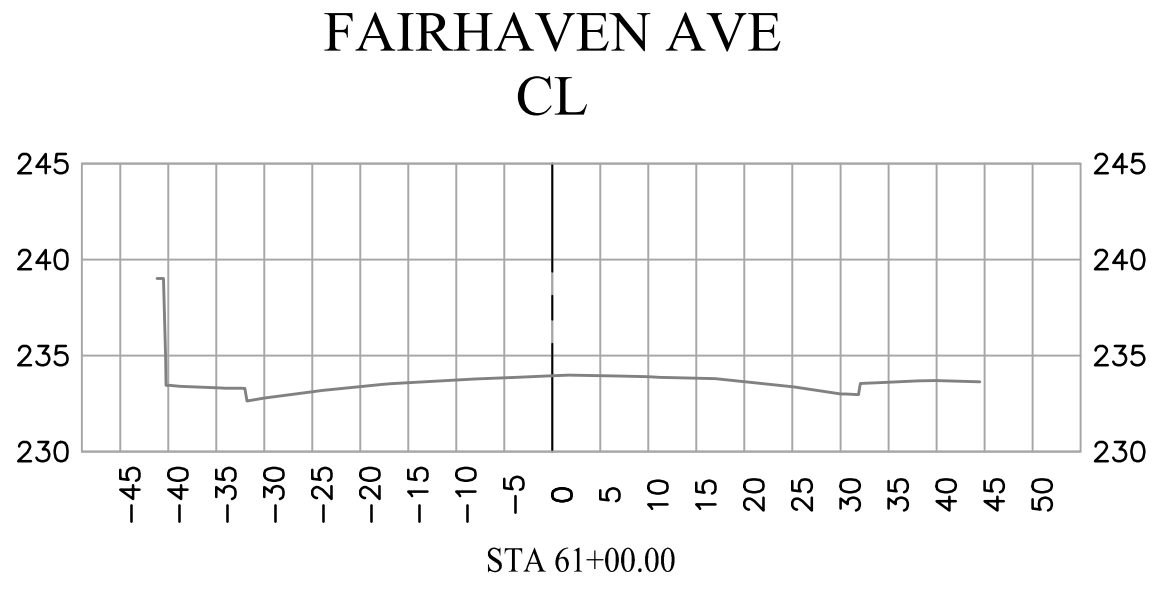
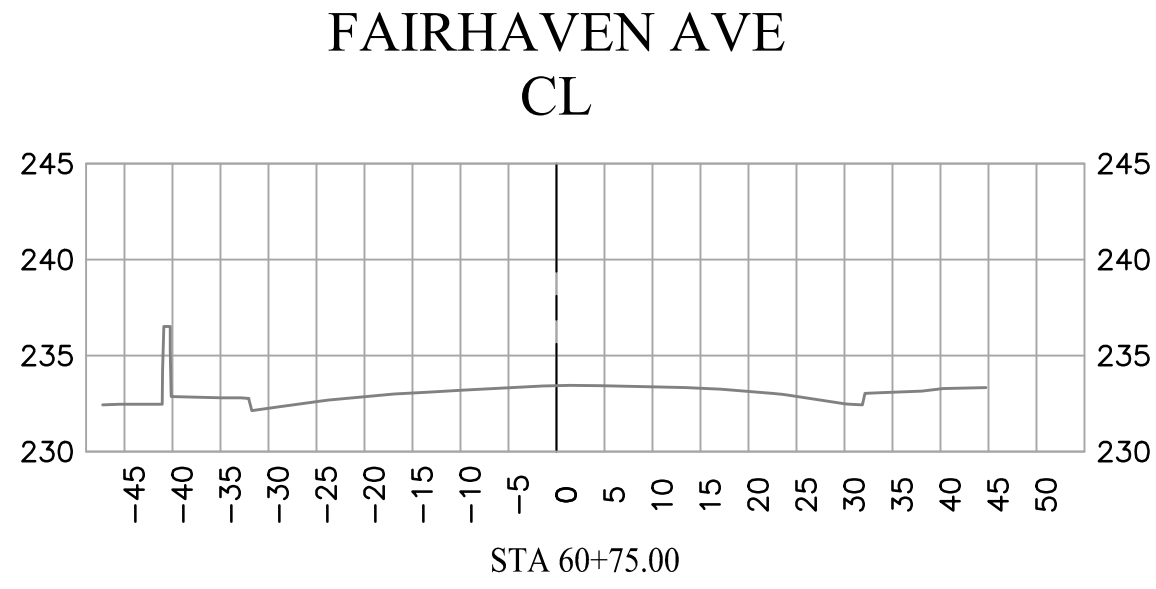




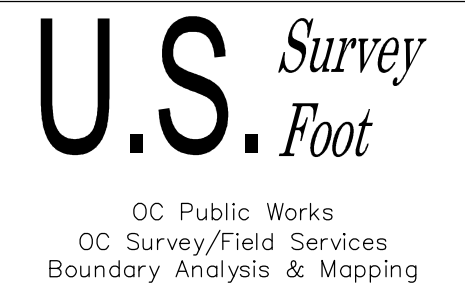
ALL SECTIONS
HORIZONTAL: 1"=20'
VERTICAL: 1"=20'



			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
			FAIRHAVEN AVENUE ROAD MAINTENANCE				
			TOPOGRAPHIC MAP				
			PROJECT LIMITS: FROM THE INTERSECTION OF S. OAKWOOD ST AND FAIRHAVEN AVE TO THE INTERSECTION OF ESPLANADE AVE AND ETON PL				
			DATE OF SURVEY: 05/21/2020		BY: R. MACIAS, PLS & PARTY		SHEET NO. 6 of 7
			MAPPING		BY: I. ISLAS		
			OFFICE CHECK		BY: E. MEDINA, PLS		
			FIELD CHECK		BY: R. MACIAS, PLS		
			SCALE: N.T.S.		W.O. #ER38001		
			FILE: FAIRHAVEN_AVE_TOPO_2020.DWG		FILE #1920PW-IN0024		
MARK	DATE	ITEM	REVISIONS				



ALL SECTIONS
HORIZONTAL: 1"=20'
VERTICAL: 1"=20'



			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING		
			FAIRHAVEN AVENUE ROAD MAINTENANCE		
			TOPOGRAPHIC MAP		
			PROJECT LIMITS: FROM THE INTERSECTION OF S. OAKWOOD ST AND FAIRHAVEN AVE TO THE INTERSECTION OF ESPLANADE AVE AND ETON PL		
			DATE OF SURVEY: 05/21/2020		
			MAPPING		
			BY: R. MACIAS, PLS & PARTY		
			BY: L. ISLAS		
			OFFICE CHECK		
			BY: E. MEDINA, PLS		
			FIELD CHECK		
			BY: R. MACIAS, PLS		
			SCALE: N.T.S.		
			W.O. #ER38001		
			FILE #1920PW-IN0024		
			FILE: FAIRHAVEN_AVE_TOPO_2020.DWG		
MARK	DATE	ITEM			
REVISIONS					
			SHEET NO. 7 of 7		