



CITY OF BELLEVUE
TRANSPORTATION DEPARTMENT

MOUNTAINS TO SOUND GREENWAY TRAIL STUDY: APPENDICES

DECEMBER 2012





ACKNOWLEDGEMENTS

CITY OF BELLEVUE

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DALE CUMMINGS
LG HAHN

JS URBAN & GRAPHIC DESIGN

JESSICA HARTMANN

GLACIER AVIATION





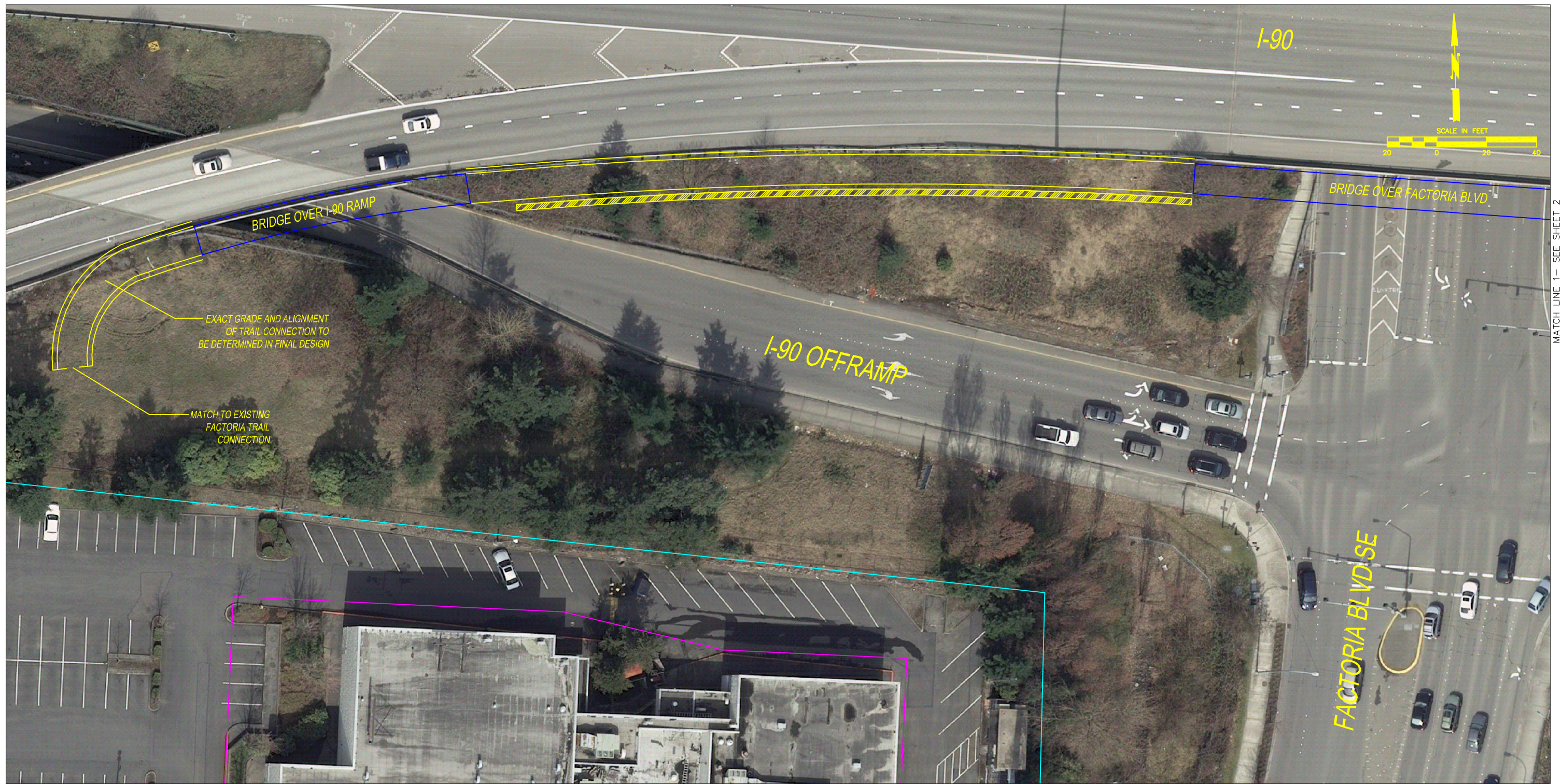
APPENDICES

- A CONCEPTUAL DESIGN PLANS A-1
- B COST ESTIMATES A-25
- C PRELIMINARY ENVIRONMENTAL CLASSIFICATION SUMMARY (ECS) A-41
- D WSDOT RIGHT OF WAY DRAWINGS A-51



APPENDIX A

CONCEPTUAL DESIGN PLANS



MATCH LINE 1 - SEE SHEET 2

LEGEND

- PROPOSED WALL
- LANDSCAPED PLANTER/MEDIAN
- PROPOSED IMPROVEMENTS
- BRIDGE STRUCTURE
- RIGHT OF WAY
- PROPERTY LINE

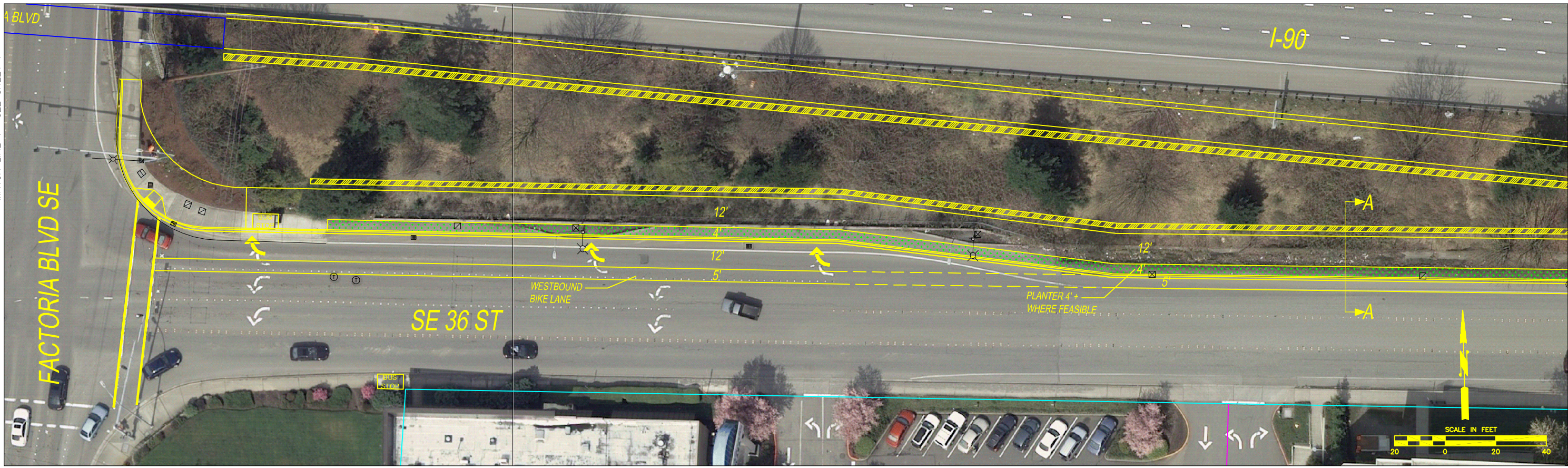
*FOR TYPICAL SECTIONS, SEE SHEETS 20-22

NO.	DATE	BY	APPR.	REVISIONS

Approved By			
TRANSPORTATION DESIGN MANAGER	DATE	DESIGNED BY	DATE
PROJECT MANAGER	DATE	C. Masek	12/12
	DATE	DRAWN BY	DATE
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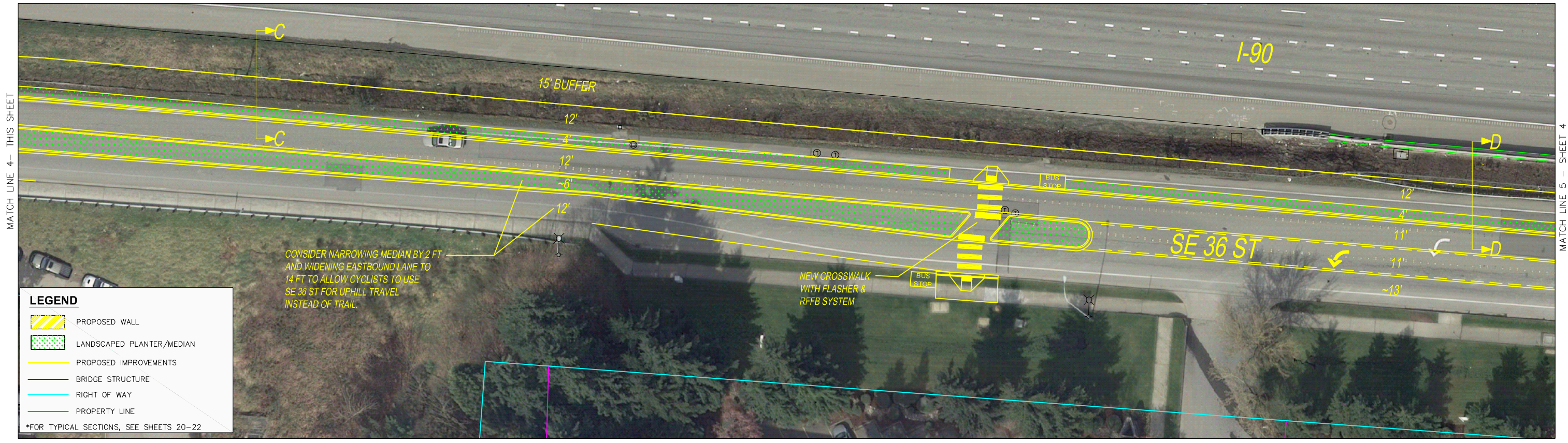
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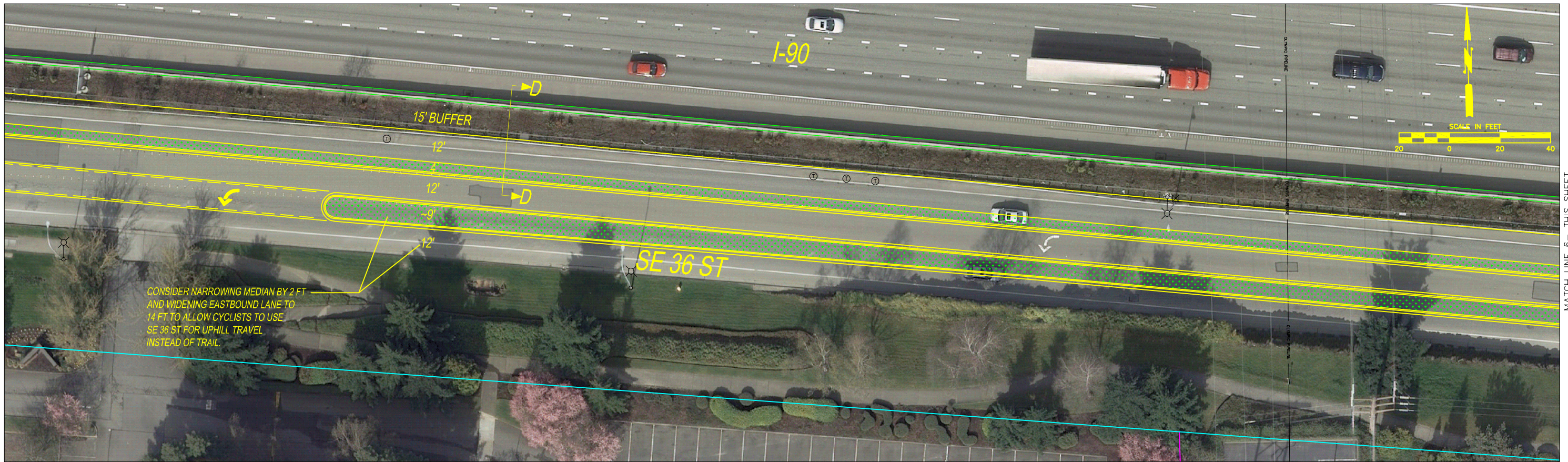
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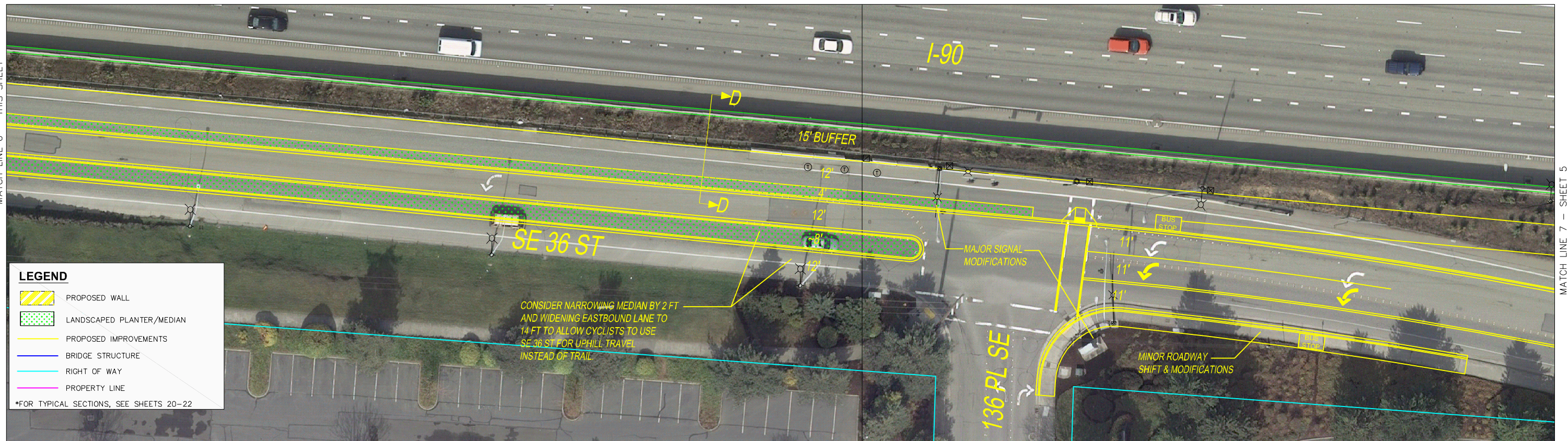
MOUNTAINS TO SOUND GREENWAY TRAIL STUDY

MATCH LINE 5 - SEE SHEET 3



MATCH LINE 6 - THIS SHEET

MATCH LINE 6 - THIS SHEET



MATCH LINE 7 - SHEET 5

LEGEND

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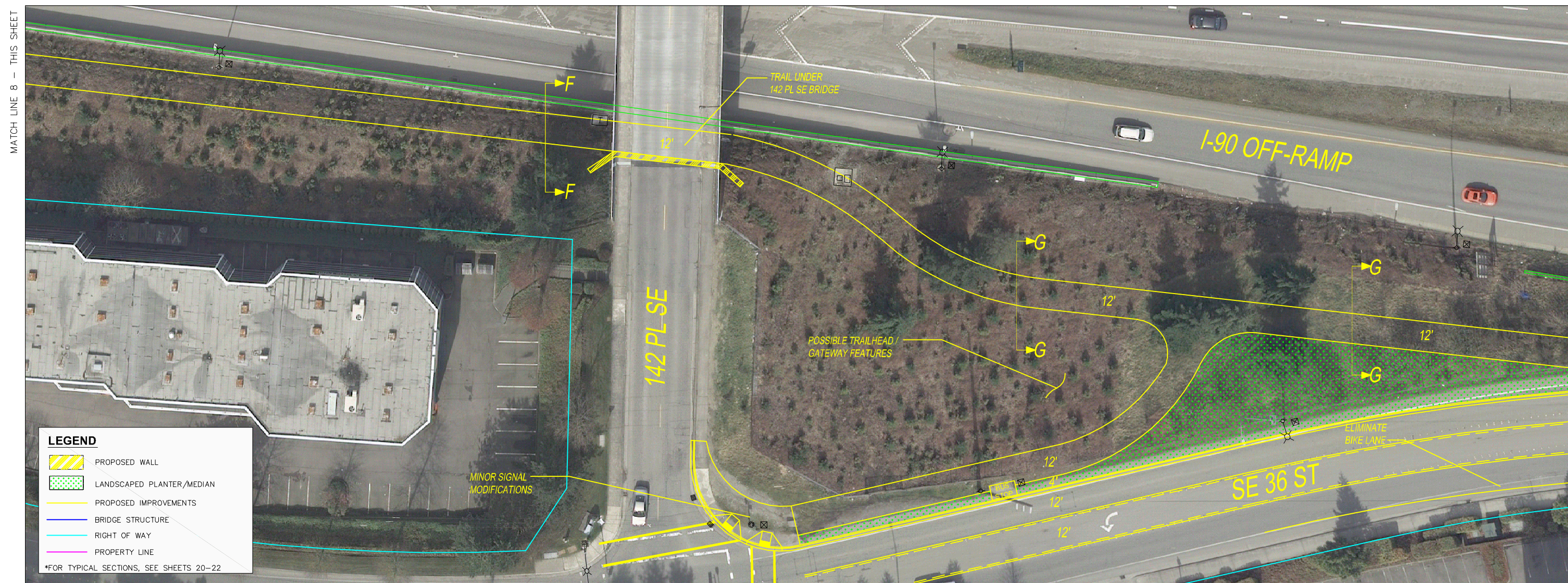
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**MOUNTAINS TO SOUND GREENWAY
TRAIL STUDY**

PLAN SHEET



LEGEND

- PROPOSED WALL
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MOUNTAINS TO SOUND GREENWAY TRAIL STUDY

MATCH LINE 7 - SEE SHEET 4

MATCH LINE 8 - THIS SHEET

MATCH LINE 8 - THIS SHEET

MATCH LINE 9 - SHEET 6

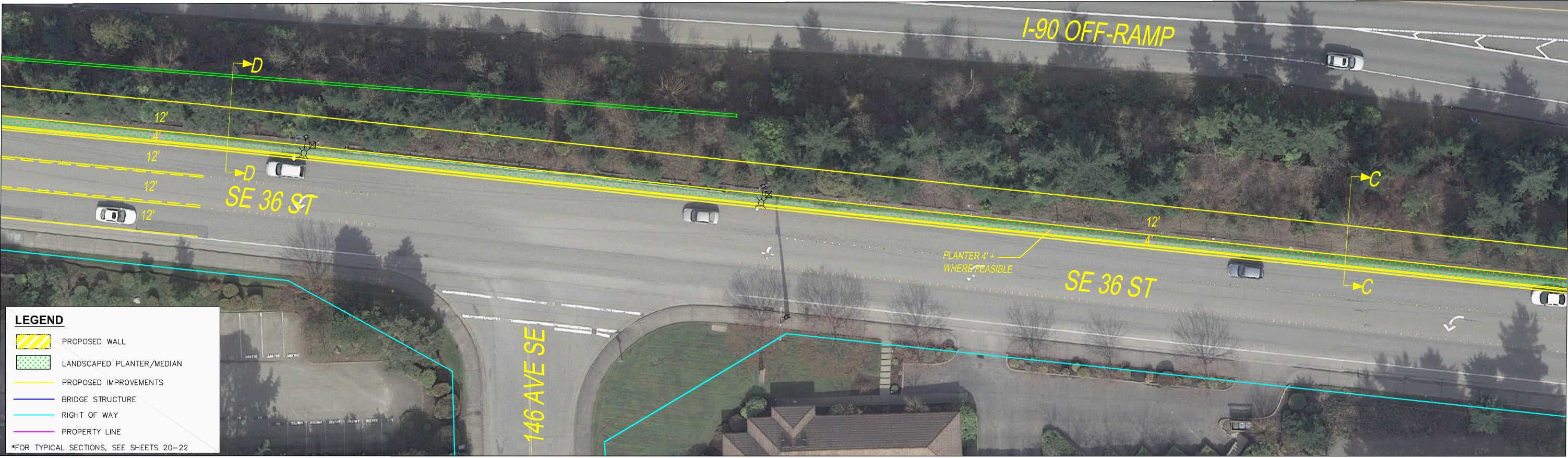
MATCH LINE 9 - SEE SHEET 5

MATCH LINE 10 - THIS SHEET



MATCH LINE 10 - THIS SHEET

MATCH LINE 11 - SHEET 7



LEGEND

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MOUNTAINS TO SOUND GREENWAY TRAIL STUDY

MATCH LINE 11 - SHEET 6



LEGEND

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MATCH LINE 12 - SHEET 8

NO.	DATE	BY	APPR.	REVISIONS

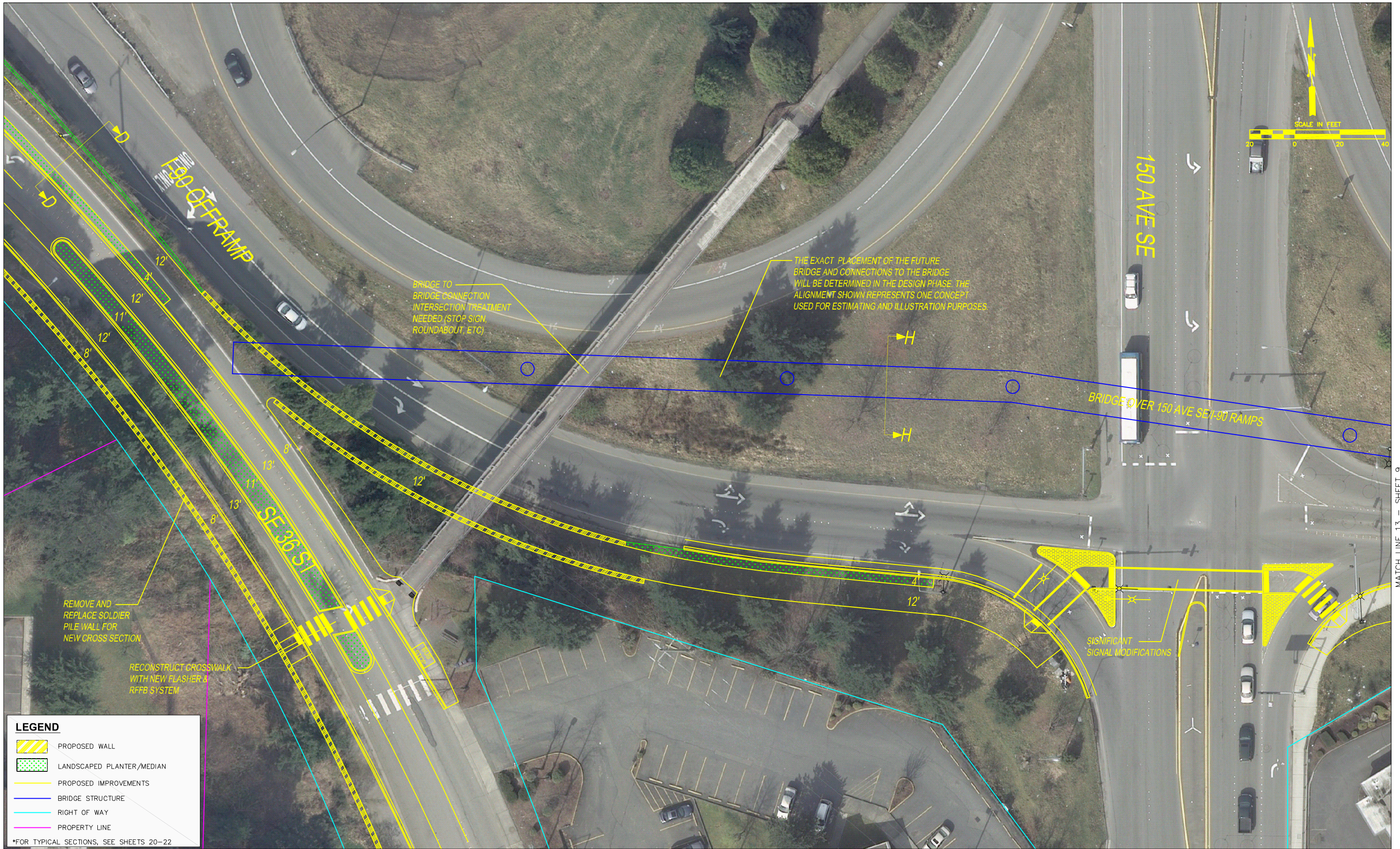
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MOUNTAINS TO SOUND GREENWAY TRAIL STUDY

PLAN SHEET

MATCH LINE 12 - SHEET 7



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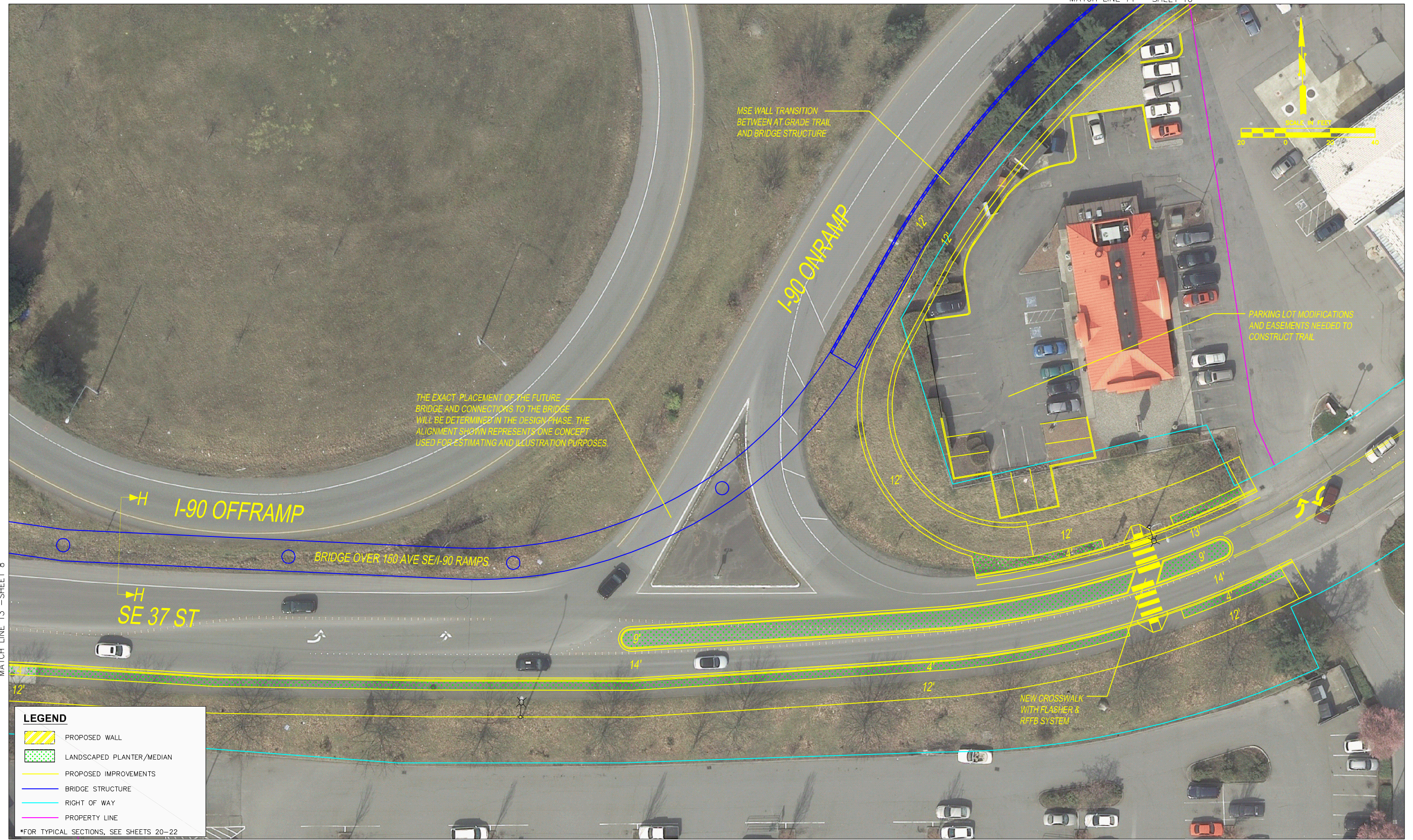
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MOUNTAINS TO SOUND GREENWAY TRAIL STUDY

PLAN SHEET



THE EXACT PLACEMENT OF THE FUTURE BRIDGE AND CONNECTIONS TO THE BRIDGE WILL BE DETERMINED IN THE DESIGN PHASE. THE ALIGNMENT SHOWN REPRESENTS ONE CONCEPT USED FOR ESTIMATING AND ILLUSTRATION PURPOSES



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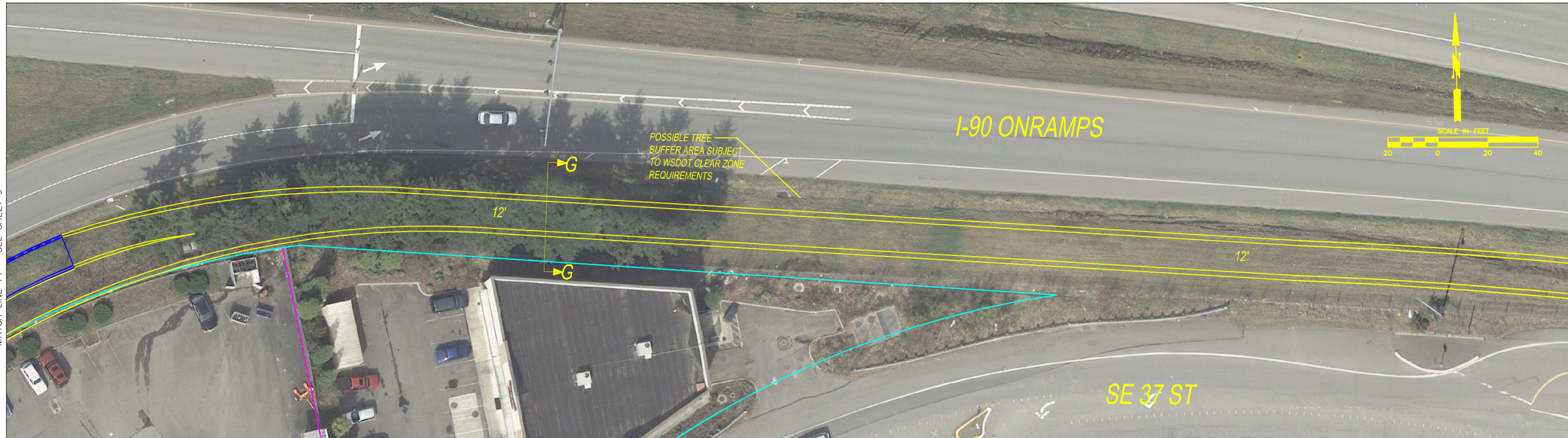
MATCH LINE 13 - SHEET 8

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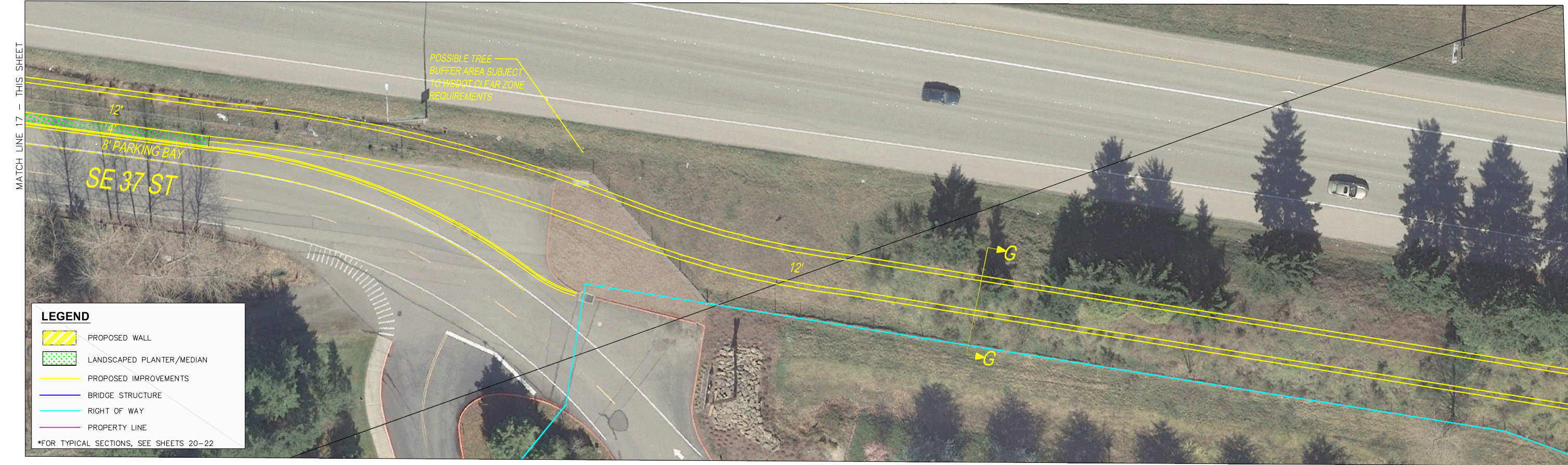
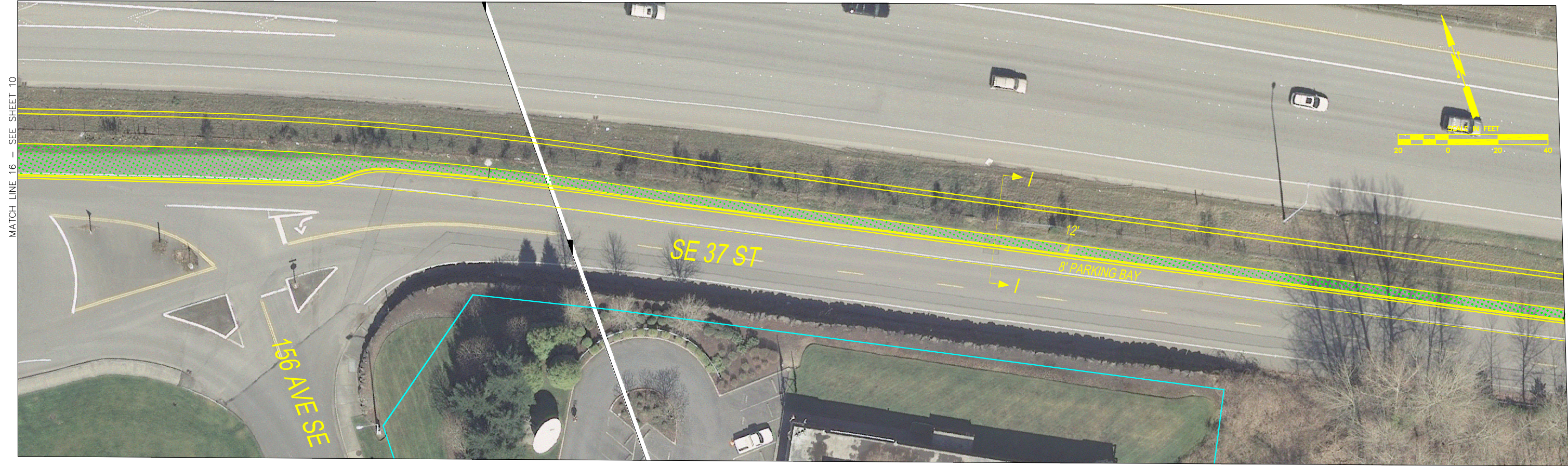
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**MOUNTAINS TO SOUND GREENWAY
TRAIL STUDY**

PLAN SHEET



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MATCH LINE 18 - SEE SHEET 11



MATCH LINE 19 - THIS SHEET

MATCH LINE 19 - THIS SHEET



MATCH LINE 20 - SHEET 13

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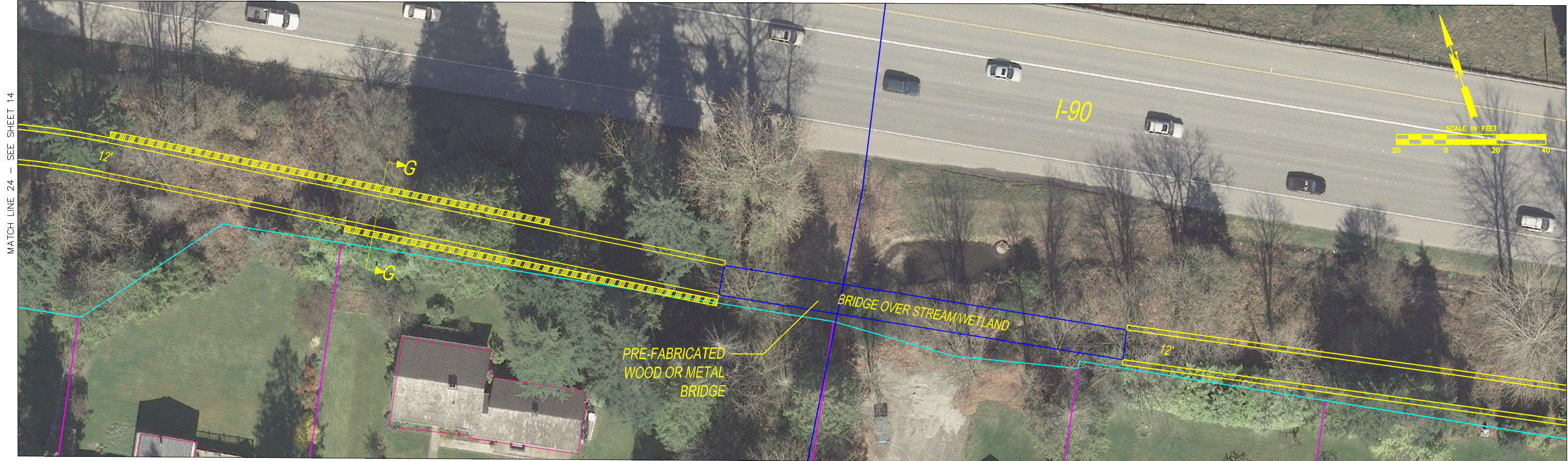
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MOUNTAINS TO SOUND GREENWAY TRAIL STUDY

MATCH LINE 26 - SEE SHEET 15



MATCH LINE 27 - THIS SHEET

MATCH LINE 27 - THIS SHEET



MATCH LINE 28 - SHEET 17

LEGEND

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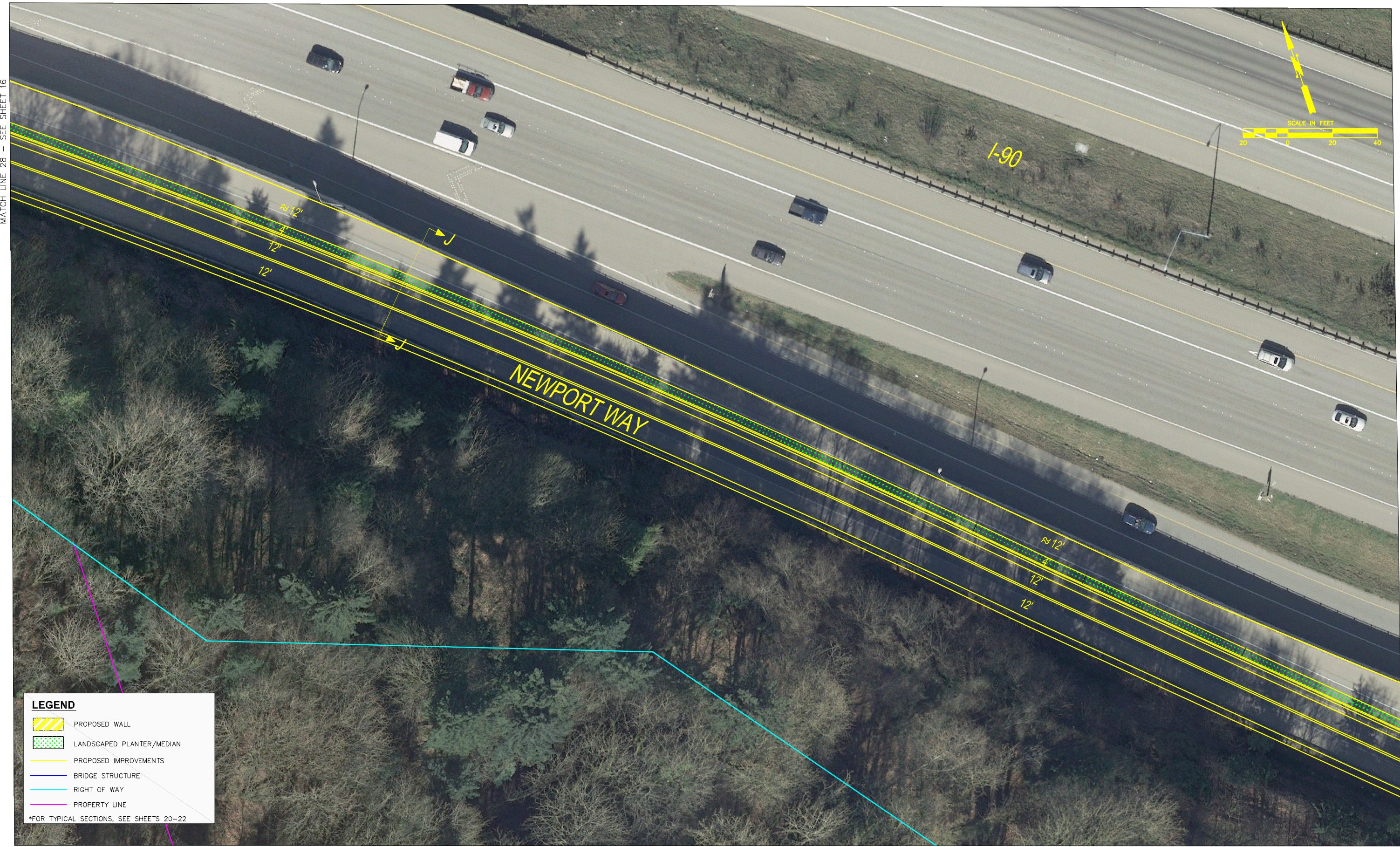
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MOUNTAINS TO SOUND GREENWAY TRAIL STUDY

MATCH LINE 28 - SEE SHEET 16



MATCH LINE 29 - SHEET 18

LEGEND

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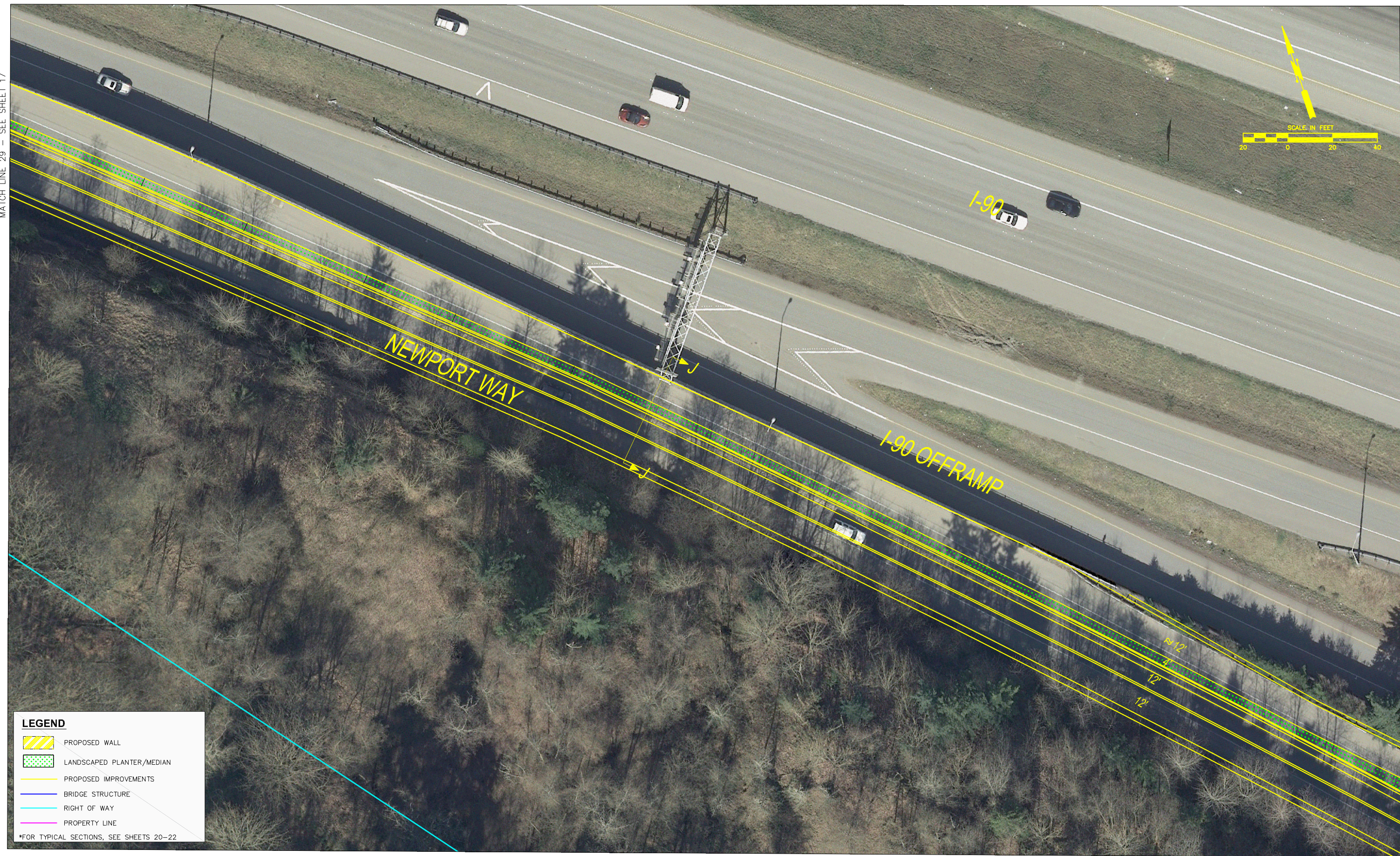
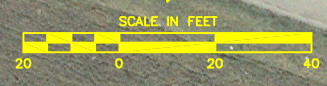


**MOUNTAINS TO SOUND GREENWAY
TRAIL STUDY**

PLAN SHEET

SHT 17 OF 22

MATCH LINE 29 - SEE SHEET 17



LEGEND

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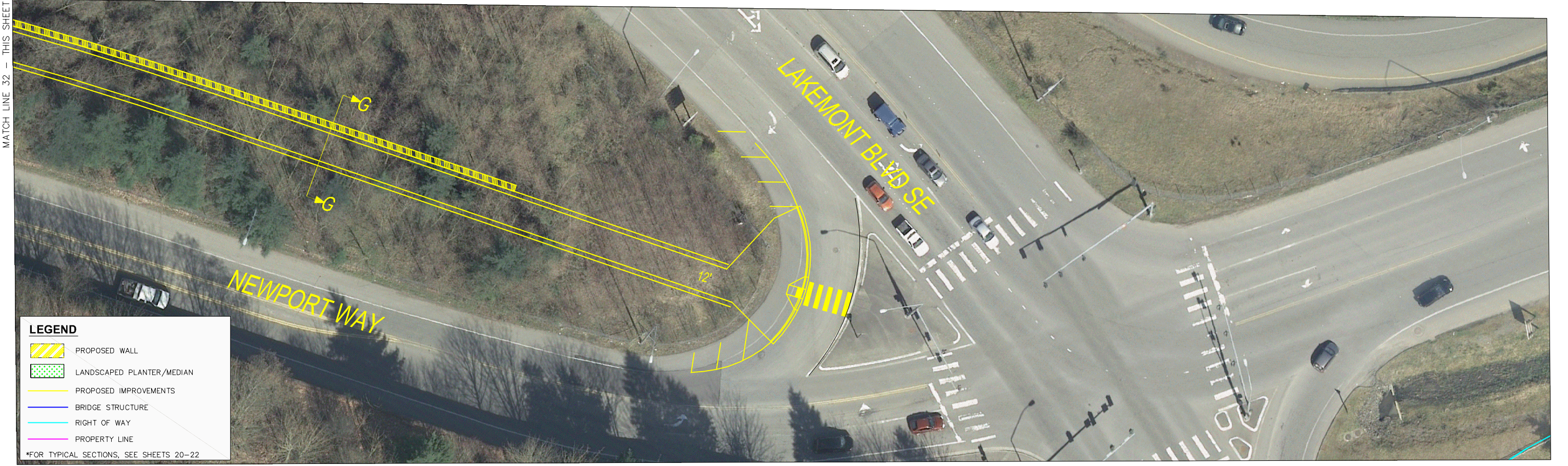
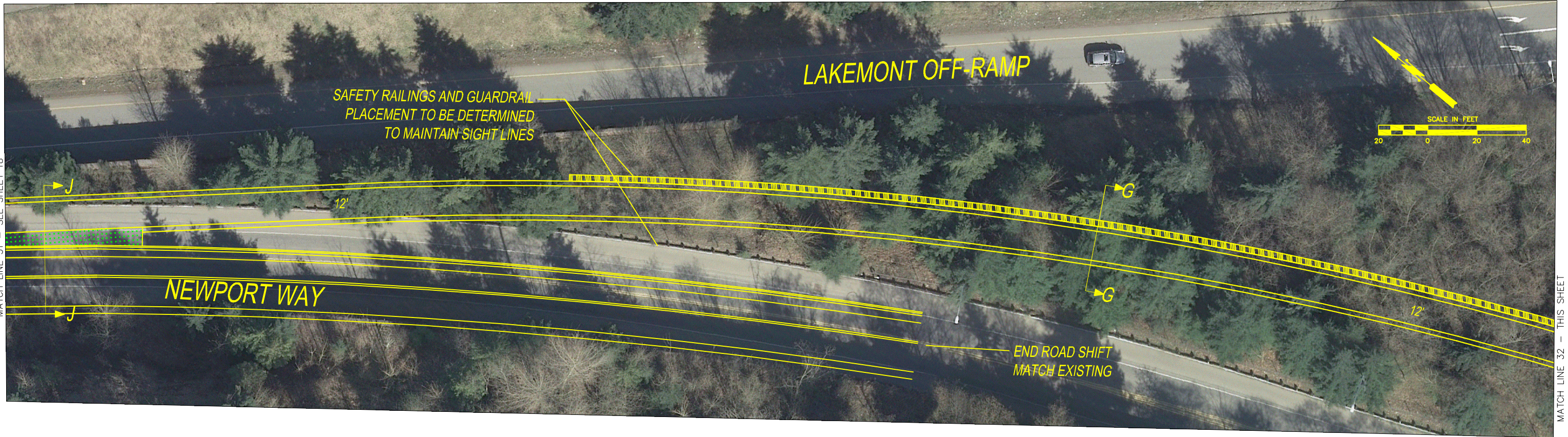
MATCH LINE 30 - SHEET 19

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City of Bellevue
Transportation Department

**MOUNTAINS TO SOUND GREENWAY
TRAIL STUDY**

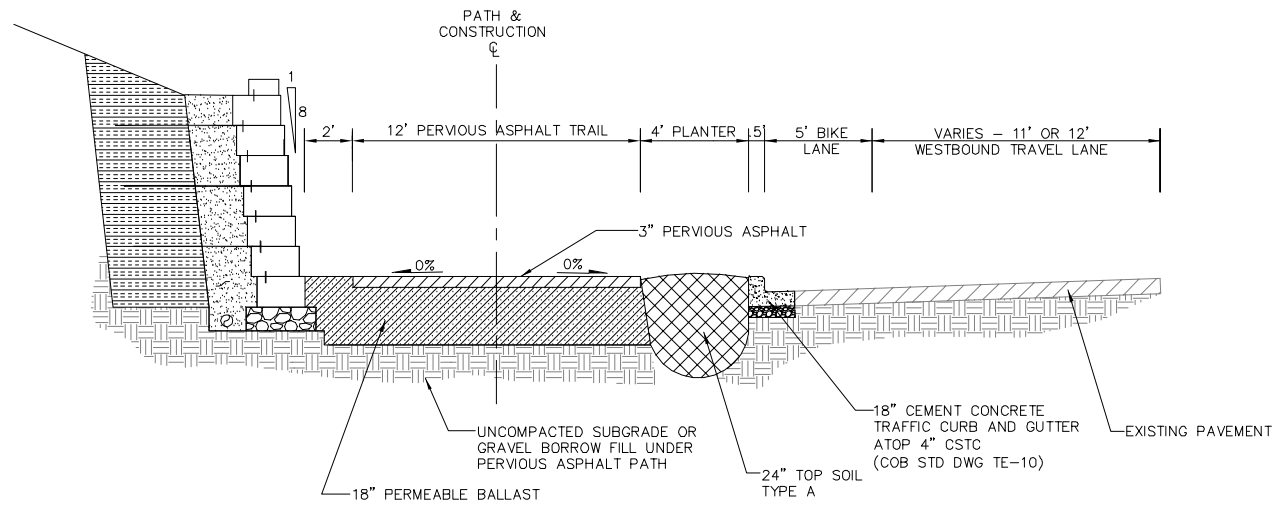


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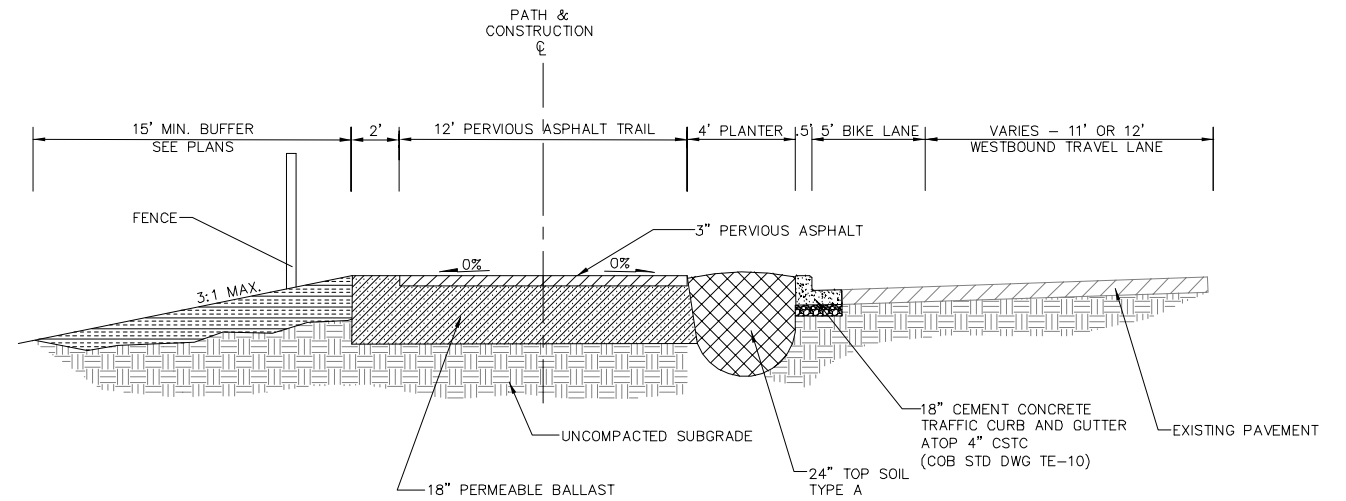
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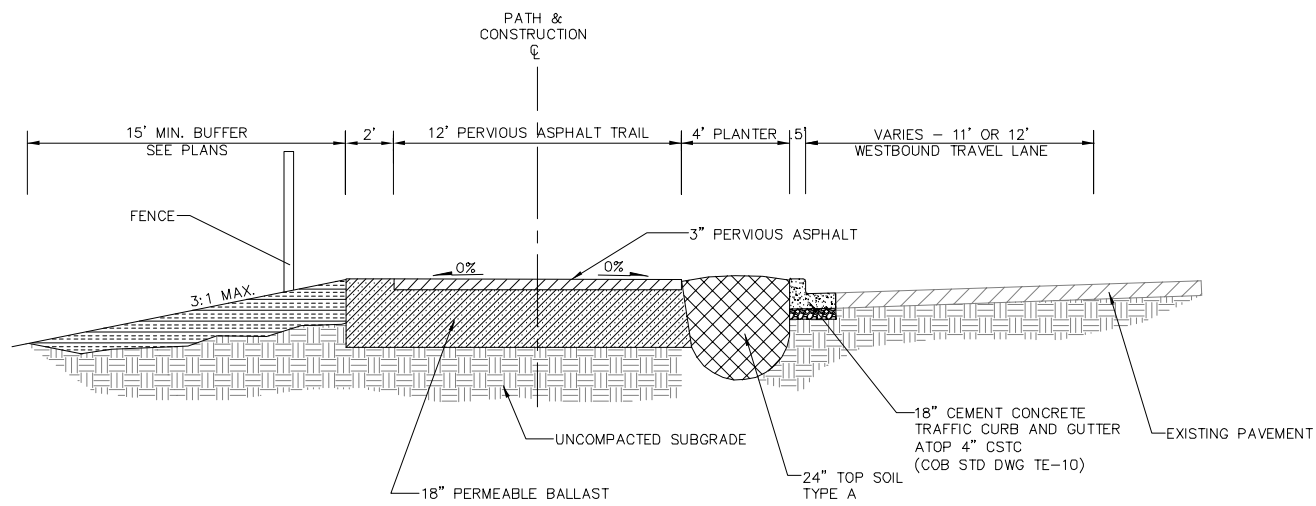
MOUNTAINS TO SOUND GREENWAY TRAIL STUDY



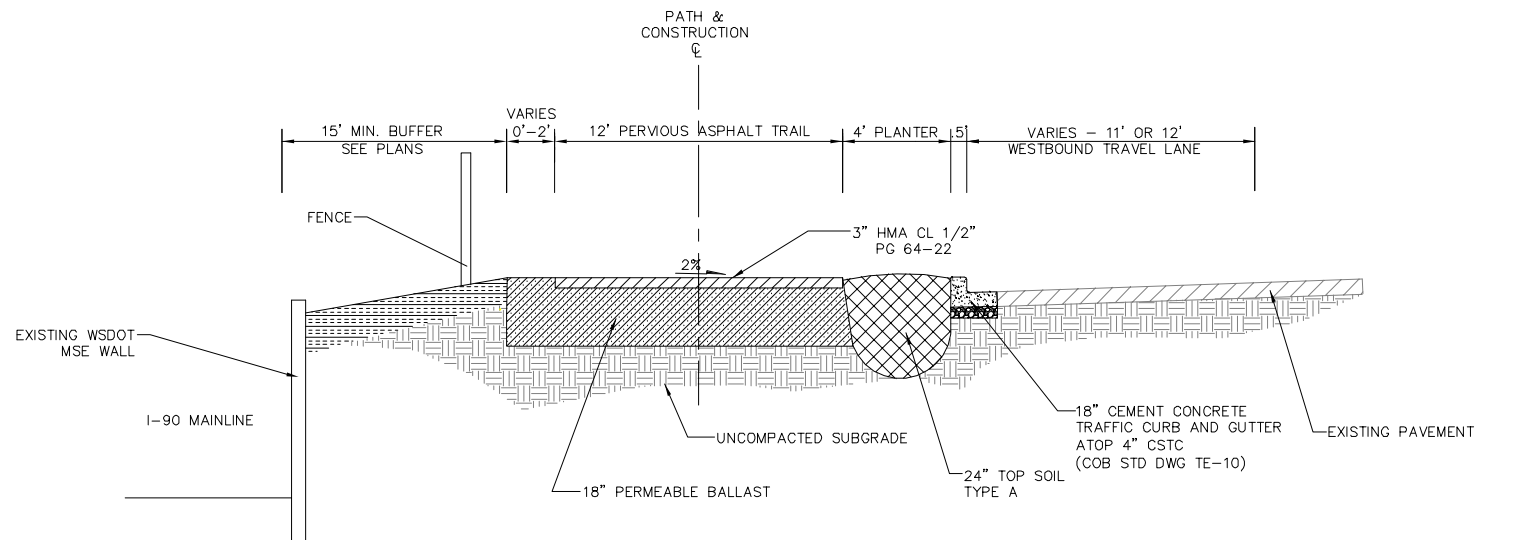
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TRAIL SECTION B-B
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TRAIL SECTION C-C
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TRAIL SECTION D-D
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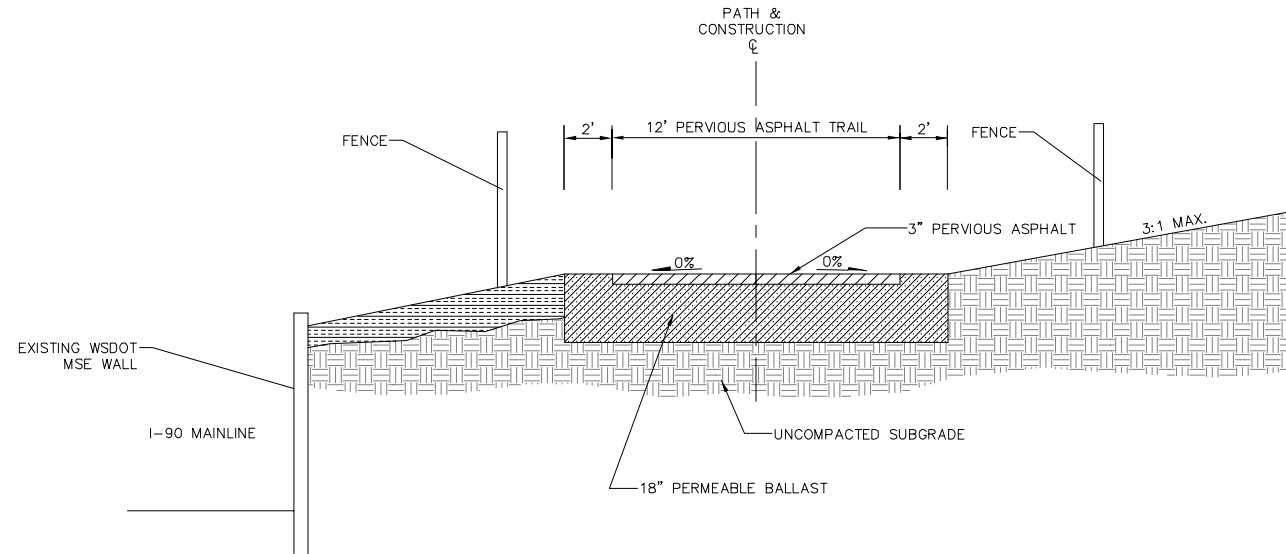
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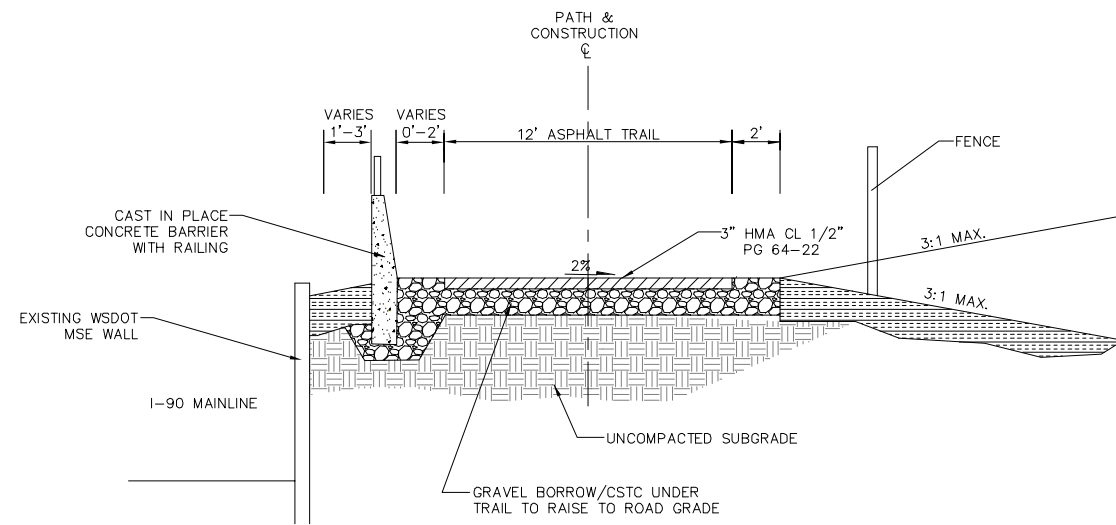


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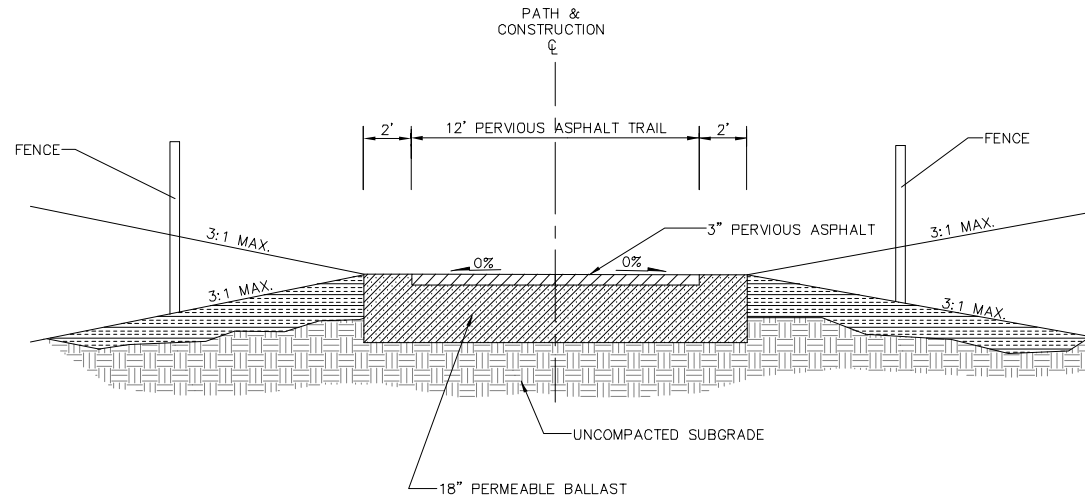
TYPICAL SECTIONS



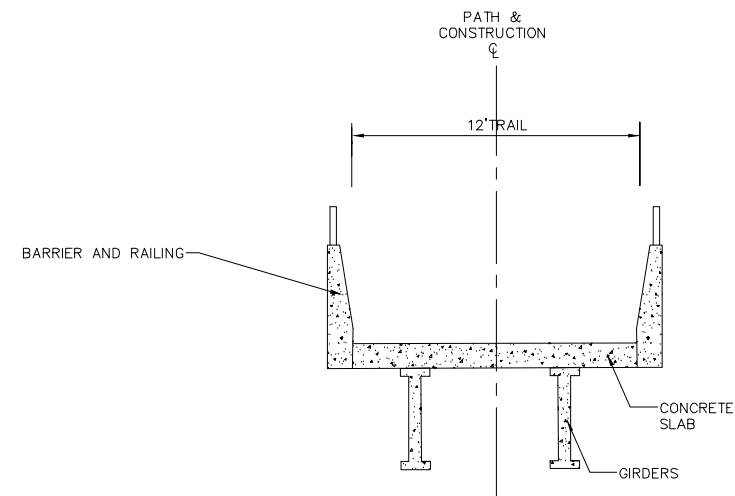
TRAIL SECTION E-E
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TRAIL SECTION F-F
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TRAIL SECTION G-G
NOT TO SCALE



TRAIL SECTION H-H
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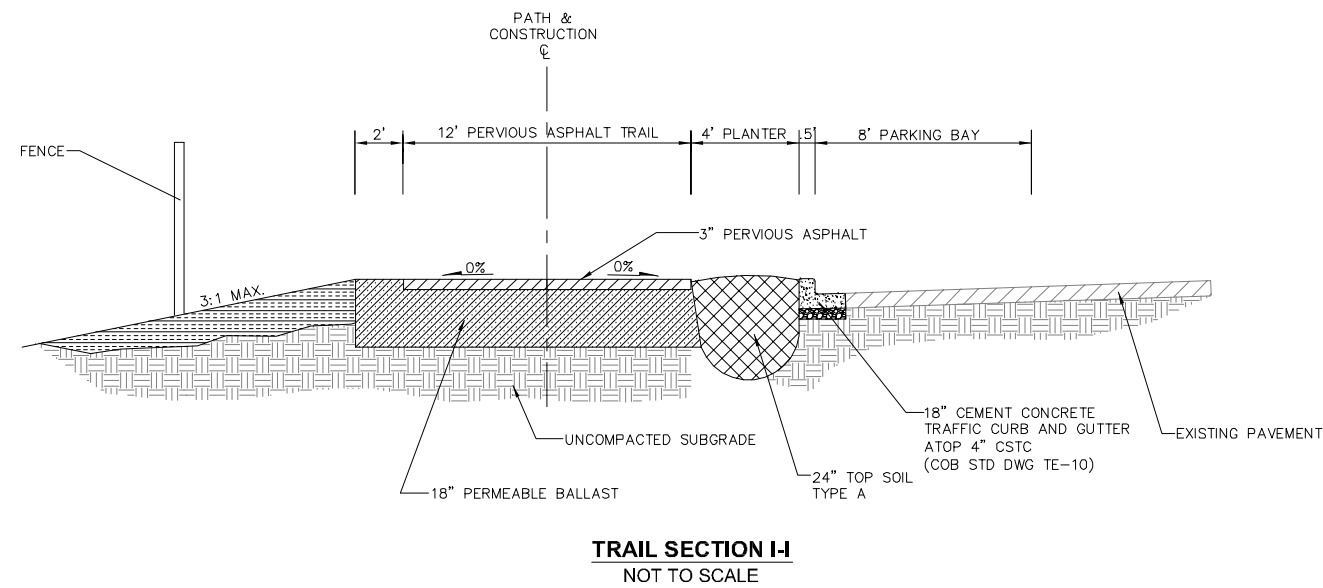
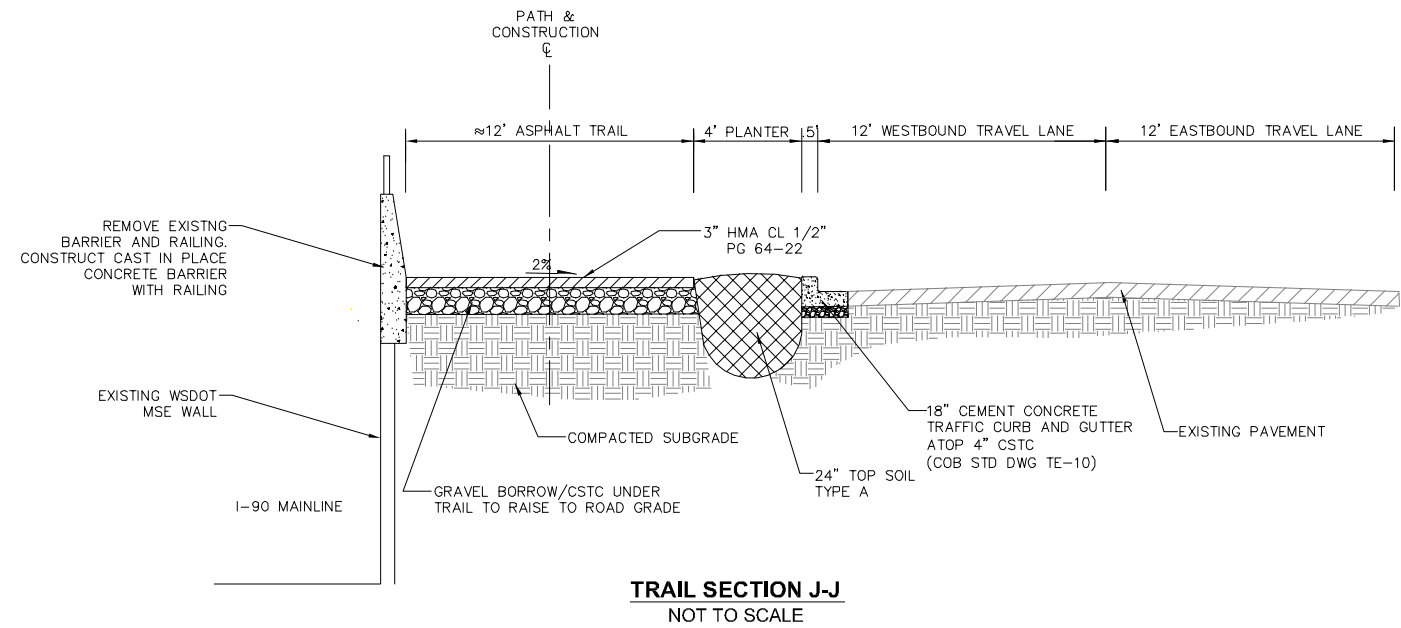
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MOUNTAINS TO SOUND GREENWAY TRAIL STUDY





APPENDIX B

COST ESTIMATES

OPINION OF PROBABLE COST AT PLANNING LEVEL

PROJECT: Mountains to Sound Greenway Trail Segment 1
 CIP NO.
 DATE: October 2012

I. RIGHT OF WAY ACQUISITION & EASEMENT AND REIMBURSEMENT COSTS				\$0
II. CONSTRUCTION				
1. Grading/Drainage	\$994,595			
1.A) Clear, Grub, Demo, Removal	\$182,250	1.D) Drainage (WQ/Det/Conv)	\$515,250	
1.B) Roadway Excav./Unsuit.	\$140,400	1.E) NDP	\$59,195	
1.C) CSTC, Gravel Borrow	\$97,500			
2. Structures	\$393,450			
2.A) Retaining Walls	\$309,450	2.C) Concrete Bridge Structures	\$0	
2.B) Railings and Fences	\$84,000	2.D) Pre-Fabricated Bridges	\$0	
3. Surfacing/Paving	\$527,950			
3.A) Pavement/Shldrs	\$311,200			
3.B) Curb Gutter & Sidewalk	\$216,750			
4. Roadside Development	\$323,366			
4.A) Landscaping	\$186,034			
4.B) Temp Erosion Control	\$59,195			
4.C) Site Improvements	\$59,195			
4.D) Utilities	\$18,942			
5. Traffic Services & Safety	\$632,780			
5.A) Traffic Control Devices	\$0	5.E) Channelization	\$24,000	
5.B) Signals	\$300,000	5.F) Traffic Control Labor	\$213,102	
5.C) Illumination (Roadway)	\$72,000			
5.D) Signing	\$23,678			
6. Miscellaneous Items Not Yet Estimated	\$71,803.54			
2.5% of (Lines 1 through 5)				\$2,943,945
7. Allowance for Planning-Level Accuracy	\$73,599			
2.5% of (Lines 1 through 6)				
8. Mobilization, Survey, Potholing	\$382,713			
13% of (Line 1 through 6)				\$3,400,256
9. Sales Tax	\$1,686			
8.9% of (Utilities - Line 4.D)				
10. Construction Work by Others at Owner's Expense	\$0			
Construction Work by Others				
11. Agreements	\$0			
Utility Agreements, etc.				\$3,401,942
12. Construction Engineering	\$340,194			
10.0% of (Lines 1 through 10)				
13. Construction Contingency	\$340,194			
10.0% of (Lines 1 through 10)				\$4,082,331
III. DESIGN ENGINEERING AND CITY COSTS				
1. Design Engineering (In House Design)	\$408,233			
12.0% of (CONSTRUCTION cost not incl contingency)				
2. Agency Administration	\$170,097			
5.0% of (CONSTRUCTION cost not incl contingency)				
3. Alignment Survey	\$51,029			
1.5% of (CONSTRUCTION cost not incl contingency)				
				\$629,359
TOTAL ESTIMATED COST (UNADJUSTED 2012 DOLLARS)				\$4,711,690

Assumptions:

- 1. Estimate calculated in 2012 dollars.

Mountains to Sound Greenway Trail Cost Estimate

Bellevue Gap - Segment 1

Project: Factoria Blvd SE to 142 PI SE
 Date: 10/17/2012
 Estimated by: C.Masek

Project Description: Construct 12' wide multi-use trail from Factoria Blvd SE to 142 PI SE along the northside of SE 36 St. Project includes planters when the trail is adjacent to the street, median islands on SE 36 St, grind and overlay of SE 36 St, Walls, street lighting, and signal modifications

Section No.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST	CODE	NOTES
2-01	Cleaning and Grubbing	14000	SY	\$5	\$70,000	1A	Top six inches of non-paved surfaces
2-01	Tree Removal	42	EA	\$500	\$21,000	1A	For trees larger than 12"
2-01	Removal of Structures and Obstructions	1	LS	\$20,000	\$20,000	1A	For items other than the removals listed below (Jersey Barriers, Guardrail, MSE Wall)
2-02	Removal of Asphalt Pavement	7200	SY	\$8	\$57,600	1A	
2-02	Removal of Concrete	400	SY	\$15	\$6,000	1A	
2-02	Removal of Curb and Gutter	510	LF	\$15	\$7,650	1A	
2-03	Roadway Excavation incl. Haul	9200	CY	\$12	\$110,400	1B	Excavation within the roadway limits
2-09	Structural Ex. Class B	2000	CY	\$15	\$30,000	1B	Excavation for Drainage Structures and walls
2-09	Shoring/Ex. Excav. Class B	33000	SF	\$1	\$24,750	1D	
4-04	Crushed Surfacing Top Course	6500	TON	\$15	\$97,500	1C	Includes CSTC, Gravel Barrow, Shoulder Ballast
5-04	Asphalt Concrete Pavement	3600	TON	\$75	\$270,000	3A	
5-04	Planning Bituminous Pavement	10300	SY	\$4	\$41,200	3C	Assume a 2" Grind
6-02	Concrete Structures	0	SF	\$325	\$0	2C	Concrete Bridge Structures - Cost assumes moderate to poor soil conditions
6-04	Timber Structures	0	LF	\$1,000	\$0	2D	Pre-Fabricated Bridges - Cost per E-mail from Geoff Bradley (Parks)
6-16	Soldier Pile Wall	0	SF	\$125	\$0	2A	
7-01	Underdrain Pipe	1350	LF	\$18	\$24,300	2A	Behind All Walls
7-05	Manholes	2	EA	\$3,000	\$6,000	1D	All Manholes
7-05	Catch Basins	15	EA	\$1,500	\$22,500	1D	Unit Price Based on average of Type 1 and Type 2 Basins
7-05	Storm Drainage Pipe 8"	500	LF	\$45	\$22,500	1D	For estimating purposes, a unit price for Class 52 Ductile Iron is used
7-05	Storm Drainage Pipe 12"	3300	LF	\$55	\$181,500	1D	For estimating purposes, a unit price for Class 52 Ductile Iron is used
7-05	Storm Water Detention Facility	21500	SF	\$12	\$258,000	1D	For Impervious Areas greater than 2000 SF. Ratio 35 CF Storage/100 SF
7-05	Water Quality Vault	0	LS	\$50,000	\$0	1D	Use if increasing Pollution Generating Surfaces
7-14	Fire Hydrant Assembly	0	EA	\$3,000	\$0	4D	
8-03	Irrigation System	4600	LF	\$25	\$115,000	4A	
8-04	Concrete Curb and Gutter	7050	LF	\$28	\$197,400	3B	
8-09	Pavement Markers (All Types)	12000	LF	\$2	\$24,000	5E	Use \$30 LF for Quantities
8-11	Guardrail	0	LF	\$50	\$0	5A	For all pavement markings within the project limit
8-12	Fence	5500	LF	\$12	\$66,000	2B	Chain Link Fence
8-14	Concrete Sidewalk	225	SY	\$30	\$6,750	3B	
8-14	Concrete Sidewalk Ramps	7	EA	\$1,800	\$12,600	3B	
8-14	Safety Railing	0	LF	\$100	\$0	2B	
8-18	Concrete Barrier with safety railing	100	LF	\$180	\$18,000	2B	
8-20	Traffic Signal System Complete	1	EA	\$300,000	\$300,000	5B	Enter whole numbers for complete 4 leg intersections & fractions for partial replacements
8-20	Illumination System Complete	4800	LF	\$15	\$72,000	5C	
8-24	Retaining Wall Structure	9505	SF	\$30	\$285,150	2A	
SUBTOTAL					\$2,367,800		

	% of Construction Total
1-10 Traffic Control Labor	9.0%
2-01 Roadside Cleanup	1.5%
7-05 Utility Adjustments	0.8%
7-05 Natural Drainage Practices	2.5%
8-01 Temporary Erosion Control	2.5%
8-02 Property Restoration	1.0%
8-02 Landscaping and Planters	3.0%
8-21 Permanent Signing	1.0%
CONSTRUCTION SUB-TOTAL	
	\$2,872,141

Comments and Assumptions

- 12' Wide Multi-Use Trail with 4 ft or larger planter when adjacent to a road
- Use pervious asphalt where feasible
- Grind and Overlay of SE 36 St
- Construct new storm conveyance system where needed
- Includes Street Lighting and Signal Modifications
- 124,720 SF of new and disturbed impervious (Assume 50% NDP and 50% Conventional Treatment)

OPINION OF PROBABLE COST AT PLANNING LEVEL

PROJECT: Mountains to Sound Greenway Trail Segment 2
 CIP NO.
 DATE: October 2012

I. RIGHT OF WAY ACQUISITION & EASEMENT AND REIMBURSEMENT COSTS				\$0
II. CONSTRUCTION				
1. Grading/Drainage	\$657,675			
1.A) Clear, Grub, Demo, Removal	\$152,300	1.D) Drainage (WQ/Det/Conv)	\$287,700	
1.B) Roadway Excav./Unsuit.	\$87,000	1.E) NDP	\$50,675	
1.C) CSTC, Gravel Borrow	\$80,000			
2. Structures	\$822,280			
2.A) Retaining Walls	\$734,400	2.C) Concrete Bridge Structures	\$0	
2.B) Railings and Fences	\$87,880	2.D) Pre-Fabricated Bridges	\$0	
3. Surfacing/Paving	\$333,200			
3.A) Pavement/Shldrs	\$198,800			
3.B) Curb Gutter & Sidewalk	\$134,400			
4. Roadside Development	\$230,739			
4.A) Landscaping	\$123,309			
4.B) Temp Erosion Control	\$40,540			
4.C) Site Improvements	\$50,675			
4.D) Utilities	\$16,216			
5. Traffic Services & Safety	\$384,428			
5.A) Traffic Control Devices	\$0	5.E) Channelization	\$10,000	
5.B) Signals	\$150,000	5.F) Traffic Control Labor	\$162,158	
5.C) Illumination (Roadway)	\$42,000			
5.D) Signing	\$20,270			
6. Miscellaneous Items Not Yet Estimated	\$60,708.05			
2.5% of (Lines 1 through 5)				\$2,489,030
7. Allowance for Planning-Level Accuracy	\$62,226			
2.5% of (Lines 1 through 6)				
8. Mobilization, Survey, Potholing	\$323,574			
13% of (Line 1 through 6)				\$2,874,830
9. Sales Tax	\$1,443			
8.9% of (Utilities - Line 4.D)				
10. Construction Work by Others at Owner's Expense	\$0			
Construction Work by Others				
11. Agreements	\$0			
Utility Agreements, etc.				\$2,876,273
12. Construction Engineering	\$287,627			
10.0% of (Lines 1 through 10)				
13. Construction Contingency	\$287,627			
10.0% of (Lines 1 through 10)				\$3,451,528
III. DESIGN ENGINEERING AND CITY COSTS				
1. Design Engineering (In House Design)	\$345,153			
12.0% of (CONSTRUCTION cost not incl contingency)				
2. Agency Administration	\$143,814			
5.0% of (CONSTRUCTION cost not incl contingency)				
3. Alignment Survey	\$43,144			
1.5% of (CONSTRUCTION cost not incl contingency)				
				\$532,110
TOTAL ESTIMATED COST (UNADJUSTED 2012 DOLLARS)				\$3,983,638

Assumptions:

1. Estimate calculated in 2012 dollars.

Mountains to Sound Greenway Trail Cost Estimate

Bellevue Gap - Segment 2
 Project: 142 Pl SE to 150 Ave SE
 Date: 10/19/2012
 Estimated by: C.Masek

Project Description: Construct 12' wide multi-use trail from 142 Pl SE to 150 Ave SE along the northside of SE 36 St. Project includes planters when the trail is adjacent to the street, median islands on SE 36 St, grind and overlay of SE 36 St, Walls, street lighting, and signal modifications

Section No.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST	CODE	NOTES
2-01	Cleaning and Grubbing	6500	SY	\$8	\$52,000	1A	Top six inches of non-paved surfaces
2-01	Tree Removal	75	EA	\$500	\$37,500	1A	For trees larger than 12"
2-01	Removal of Structures and Obstructions	1	LS	\$20,000	\$20,000	1A	For items other than the removals listed below (Jersey Barriers, Guardrail, MSE Wall)
2-02	Removal of Asphalt Pavement	3100	SY	\$8	\$24,800	1A	
2-02	Removal of Concrete	400	SY	\$15	\$6,000	1A	
2-02	Removal of Curb and Gutter	800	LF	\$15	\$12,000	1A	
2-03	Roadway Excavation incl. Haul	5000	CY	\$12	\$60,000	1B	Excavation within the roadway limits
2-09	Structural Ex. Class B	1800	CY	\$15	\$27,000	1B	Excavation for Drainage Structures and walls
2-09	Shoring/Ex. Excav. Class B	20000	SF	\$1	\$15,000	1D	
4-04	Crushed Surfacing Top Course	4000	TON	\$20	\$80,000	1C	Includes CSTC, Gravel Barrow, Shoulder Ballast
5-04	Asphalt Concrete Pavement	2000	TON	\$85	\$170,000	3A	
5-04	Planning Bituminous Pavement	4800	SY	\$6	\$28,800	3A	Assume a 2" Grind
6-02	Concrete Structures	0	SF	\$325	\$0	2C	Concrete Bridge Structures - Cost assumes moderate to poor soil conditions
6-04	Timber Structures	0	LF	\$1,000	\$0	2D	Pre-Fabricated Bridges - Cost per E-mail from Geoff Bradley (Parks)
6-16	Soldier Pile Wall	5300	SF	\$120	\$636,000	2A	
7-01	Underdrain Pipe	800	LF	\$18	\$14,400	2A	Behind All Walls
7-05	Manholes	2	EA	\$3,000	\$6,000	1D	All Manholes
7-05	Catch Basins	10	EA	\$1,500	\$15,000	1D	Unit Price Based on average of Type 1 and Type 2 Basins
7-05	Storm Drainage Pipe 8"	500	LF	\$45	\$22,500	1D	For estimating purposes, a unit price for Class 52 Ductile Iron is used
7-05	Storm Drainage Pipe 12"	1800	LF	\$55	\$99,000	1D	For estimating purposes, a unit price for Class 52 Ductile Iron is used
7-05	Storm Water Detention Facility	10850	SF	\$12	\$130,200	1D	For Impervious Areas greater than 2000 SF. Ratio 35 CF Storage/100 SF
7-05	Water Quality Vault	0	LS	\$50,000	\$0	1D	Use if increasing Pollution Generating Surfaces
7-14	Fire Hydrant Assembly	0	EA	\$3,000	\$0	4A	
8-03	Irrigation System	2500	LF	\$25	\$62,500	4A	
8-04	Concrete Curb and Gutter	3750	LF	\$28	\$105,000	3B	
8-09	Pavement Markers (All Types)	5000	LF	\$2	\$10,000	5E	Use \$30 LF for Quantities
8-11	Guardrail	0	LF	\$50	\$0	5A	For all pavement markings within the project limit
8-12	Fence	2700	LF	\$12	\$32,400	2B	Chain Link Fence
8-14	Concrete Sidewalk	500	SY	\$30	\$15,000	3B	
8-14	Concrete Sidewalk Ramps	8	EA	\$1,800	\$14,400	3B	
8-14	Safety Railing	220	LF	\$100	\$22,000	2B	
8-18	Concrete Barrier with safety railing	186	LF	\$180	\$33,480	2B	
8-20	Traffic Signal System Complete	0.5	EA	\$300,000	\$150,000	5B	Enter whole numbers for complete 4 leg intersections & fractions for partial replacements
8-20	Illumination System Complete	2800	LF	\$15	\$42,000	5C	
8-24	Retaining Wall Structure	2800	SF	\$30	\$84,000	2A	
SUBTOTAL					\$2,026,980		

	% of Construction Total
1-10 Traffic Control Labor	8.0%
2-01 Roadside Cleanup	1.5%
7-05 Utility Adjustments	0.8%
7-05 Natural Drainage Practices	2.5%
8-01 Temporary Erosion Control	2.0%
8-02 Property Restoration	1.0%
8-02 Landscaping and Planters	3.0%
8-21 Permanent Signing	1.0%
CONSTRUCTION SUB-TOTAL	
	\$2,428,322

Comments and Assumptions

- 12' Wide Multi-Use Trail with 4 ft or larger planter when adjacent to a road
- Use pervious asphalt where feasible
- Grind and Overlay of SE 36 St
- Construct new storm conveyance system where needed
- Includes Street Lighting and Signal Modifications
- 61,900 SF of new and disturbed impervious (Assume 50% NDP and 50% Conventional Treatment)

OPINION OF PROBABLE COST AT PLANNING LEVEL

PROJECT: Mountains to Sound Greenway Trail Segment 3
 CIP NO.
 DATE: October 2012

I. RIGHT OF WAY ACQUISITION & EASEMENT AND REIMBURSEMENT COSTS				\$30,000
II. CONSTRUCTION				
1. Grading/Drainage	\$722,973			
1.A) Clear, Grub, Demo, Removal	\$140,125	1.D) Drainage (WQ/Det/Conv)	\$310,375	
1.B) Roadway Excav./Unsuit.	\$106,500	1.E) NDP	\$35,973	
1.C) CSTC, Gravel Borrow	\$130,000			
2. Structures	\$135,480			
2.A) Retaining Walls	\$75,480	2.C) Concrete Bridge Structures	\$0	
2.B) Railings and Fences	\$60,000	2.D) Pre-Fabricated Bridges	\$0	
3. Surfacing/Paving	\$341,200			
3.A) Pavement/Shldrs	\$220,800			
3.B) Curb Gutter & Sidewalk	\$120,400			
4. Roadside Development	\$176,931			
4.A) Landscaping	\$100,668			
4.B) Temp Erosion Control	\$28,779			
4.C) Site Improvements	\$35,973			
4.D) Utilities	\$11,511			
5. Traffic Services & Safety	\$347,254			
5.A) Traffic Control Devices	\$0	5.E) Channelization	\$4,000	
5.B) Signals	\$150,000	5.F) Traffic Control Labor	\$115,114	
5.C) Illumination (Roadway)	\$63,750			
5.D) Signing	\$14,389			
6. Miscellaneous Items Not Yet Estimated	\$43,095.95			
2.5% of (Lines 1 through 5)				\$1,766,934
7. Allowance for Planning-Level Accuracy	\$44,173			
2.5% of (Lines 1 through 6)				
8. Mobilization, Survey, Potholing	\$229,701			
13% of (Line 1 through 6)				\$2,040,809
9. Sales Tax	\$1,025			
8.9% of (Utilities - Line 4.D)				
10. Construction Work by Others at Owner's Expense	\$0			
Construction Work by Others				
11. Agreements	\$0			
Utility Agreements, etc.				\$2,041,833
12. Construction Engineering	\$204,183			
10.0% of (Lines 1 through 10)				
13. Construction Contingency	\$204,183			
10.0% of (Lines 1 through 10)				\$2,450,200
III. DESIGN ENGINEERING AND CITY COSTS				
1. Design Engineering (In House Design)	\$245,020			
12.0% of (CONSTRUCTION cost not incl contingency)				
2. Agency Administration	\$102,092			
5.0% of (CONSTRUCTION cost not incl contingency)				
3. Alignment Survey	\$30,628			
1.5% of (CONSTRUCTION cost not incl contingency)				
				\$377,739
TOTAL ESTIMATED COST (UNADJUSTED 2012 DOLLARS)				\$2,857,939

Assumptions:

1. Estimate calculated in 2012 dollars.

Mountains to Sound Greenway Trail Cost Estimate

Bellevue Gap - Segment 3
 Project: 150 Ave SE to 161 Ave SE
 Date: 10/23/2012
 Estimated by: C.Masek

Project Description: Construct 12' wide multi-use trail from 150 Ave SE to 161 Ave SE along the SE 37 St. Project includes planters when the trail is adjacent to the street, median islands on SE 37 St, grind and overlay of SE 37 St, Walls, street lighting

Section No.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST	CODE	NOTES
2-01	Cleaning and Grubbing	12500	SY	\$5	\$62,500	1A	Top six inches of non-paved surfaces
2-01	Tree Removal	40	EA	\$500	\$20,000	1A	For trees larger than 12"
2-01	Removal of Structures and Obstructions	1	LS	\$20,000	\$20,000	1A	For items other than the removals listed below (Jersey Barriers, Guardrail, MSE Wall)
2-02	Removal of Asphalt Pavement	3100	SY	\$8	\$24,800	1A	
2-02	Removal of Concrete	105	SY	\$15	\$1,575	1A	
2-02	Removal of Curb and Gutter	750	LF	\$15	\$11,250	1A	
2-03	Roadway Excavation incl. Haul	7500	CY	\$12	\$90,000	1B	Excavation within the roadway limits
2-09	Structural Ex. Class B	1100	CY	\$15	\$16,500	1B	Excavation for Drainage Structures and walls
2-09	Shoring/Ex. Excav. Class B	14500	SF	\$1	\$10,875	1D	
4-04	Crushed Surfacing Top Course	6500	TON	\$20	\$130,000	1C	Includes CSTC, Gravel Barrow, Shoulder Ballast
5-04	Asphalt Concrete Pavement	2200	TON	\$90	\$198,000	3A	
5-04	Planning Bituminous Pavement	3800	SY	\$6	\$22,800	3A	Assume a 2" Grind
6-02	Concrete Structures	0	SF	\$325	\$0	2C	Concrete Bridge Structures - Cost assumes moderate to poor soil conditions
6-04	Timber Structures	0	LF	\$1,000	\$0	2D	Pre-Fabricated Bridges - Cost per E-mail from Geoff Bradley (Parks)
6-16	Soldier Pile Wall	0	SF	\$120	\$0	2A	
7-01	Underdrain Pipe	360	LF	\$18	\$6,480	2A	Behind All Walls
7-05	Manholes	2	EA	\$3,000	\$6,000	1D	All Manholes
7-05	Catch Basins	10	EA	\$1,500	\$15,000	1D	Unit Price Based on average of Type 1 and Type 2 Basins
7-05	Storm Drainage Pipe 8"	500	LF	\$45	\$22,500	1D	For estimating purposes, a unit price for Class 52 Ductile Iron is used
7-05	Storm Drainage Pipe 12"	1600	LF	\$55	\$88,000	1D	For estimating purposes, a unit price for Class 52 Ductile Iron is used
7-05	Storm Water Detention Facility	14000	SF	\$12	\$168,000	1D	For Impervious Areas greater than 2000 SF. Ratio 35 CF Storage/100 SF
7-05	Water Quality Vault	0	LS	\$50,000	\$0	1D	Use if increasing Pollution Generating Surfaces
7-14	Fire Hydrant Assembly	0	EA	\$3,000	\$0	4D	
8-03	Irrigation System	2300	LF	\$25	\$57,500	4A	
8-04	Concrete Curb and Gutter	2800	LF	\$28	\$78,400	3B	
8-09	Pavement Markers (All Types)	2000	LF	\$2	\$4,000	5E	Use \$30 LF for Quantities
8-11	Guardrail	0	LF	\$50	\$0	5A	For all pavement markings within the project limit
8-12	Fence	5000	LF	\$12	\$60,000	2B	Chain Link Fence
8-14	Concrete Sidewalk	1100	SY	\$30	\$33,000	3B	
8-14	Concrete Sidewalk Ramps	5	EA	\$1,800	\$9,000	3B	
8-14	Safety Railing	0	LF	\$100	\$0	2B	
8-18	Concrete Barrier with safety railing	0	LF	\$180	\$0	2B	
8-20	Traffic Signal System Complete	0.5	EA	\$300,000	\$150,000	5B	Enter whole numbers for complete 4 leg intersections & fractions for partial replacements
8-20	Illumination System Complete	4250	LF	\$15	\$63,750	5C	
8-24	Retaining Wall Structure	2300	SF	\$30	\$69,000	2A	
SUBTOTAL					\$1,438,930		

		% of Construction Total	
1-10	Traffic Control Labor	8.0%	\$115,114
2-01	Roadside Cleanup	1.5%	\$21,584
7-05	Utility Adjustments	0.8%	\$11,511
7-05	Natural Drainage Practices	2.5%	\$35,973
8-01	Temporary Erosion Control	2.0%	\$28,779
8-02	Property Restoration	1.0%	\$14,389
8-02	Landscaping and Planters	3.0%	\$43,168
8-21	Permanent Signing	1.0%	\$14,389
CONSTRUCTION SUB-TOTAL			\$1,723,838

Comments and Assumptions

- 12' Wide Multi-Use Trail with 4 ft or larger planter when adjacent to a road
- Use pervious asphalt where feasible
- Grind and Overlay of SE 37 St
- Construct new storm conveyance system where needed
- Includes Street Lighting and Signal Modifications
- 80,000 SF of new and disturbed impervious (Assume 50% NDP and 50% Conventional Treatment)
- Includes Modifications to the Pizza Hut Parking Lot and Easements

OPINION OF PROBABLE COST AT PLANNING LEVEL

PROJECT: Mountains to Sound Greenway Trail Segment 4
 CIP NO.
 DATE: October 2012

I. RIGHT OF WAY ACQUISITION & EASEMENT AND REIMBURSEMENT COSTS				\$15,000
II. CONSTRUCTION				
1. Grading/Drainage	\$642,170			
1.A) Clear, Grub, Demo, Removal	\$167,500	1.D) Drainage (WQ/Det/Conv)	\$201,000	
1.B) Roadway Excav./Unsuit.	\$123,200	1.E) NDP	\$42,470	
1.C) CSTC, Gravel Borrow	\$108,000			
2. Structures	\$933,850			
2.A) Retaining Walls	\$368,850	2.C) Concrete Bridge Structures	\$0	
2.B) Railings and Fences	\$90,000	2.D) Pre-Fabricated Bridges	\$475,000	
3. Surfacing/Paving	\$100,000			
3.A) Pavement/Shldrs	\$100,000			
3.B) Curb Gutter & Sidewalk	\$0			
4. Roadside Development	\$191,964			
4.A) Landscaping	\$84,940			
4.B) Temp Erosion Control	\$33,976			
4.C) Site Improvements	\$59,458			
4.D) Utilities	\$13,590			
5. Traffic Services & Safety	\$184,166			
5.A) Traffic Control Devices	\$0	5.E) Channelization	\$0	
5.B) Signals	\$0	5.F) Traffic Control Labor	\$101,928	
5.C) Illumination (Roadway)	\$65,250			
5.D) Signing	\$16,988			
6. Miscellaneous Items Not Yet Estimated	\$51,303.76			
2.5% of (Lines 1 through 5)				\$2,103,454
7. Allowance for Planning-Level Accuracy	\$52,586			
2.5% of (Lines 1 through 6)				
8. Mobilization, Survey, Potholing	\$273,449			
13% of (Line 1 through 6)				\$2,429,490
9. Sales Tax	\$1,210			
8.9% of (Utilities - Line 4.D)				
10. Construction Work by Others at Owner's Expense	\$0			
Construction Work by Others				
11. Agreements	\$0			
Utility Agreements, etc.				\$2,430,699
12. Construction Engineering	\$243,070			
10.0% of (Lines 1 through 10)				
13. Construction Contingency	\$243,070			
10.0% of (Lines 1 through 10)				\$2,916,839
III. DESIGN ENGINEERING AND CITY COSTS				
1. Design Engineering (In House Design)	\$291,684			
12.0% of (CONSTRUCTION cost not incl contingency)				
2. Agency Administration	\$121,535			
5.0% of (CONSTRUCTION cost not incl contingency)				
3. Alignment Survey	\$36,460			
1.5% of (CONSTRUCTION cost not incl contingency)				
				\$449,679
TOTAL ESTIMATED COST (UNADJUSTED 2012 DOLLARS)				\$3,381,518

Assumptions:

1. Estimate calculated in 2012 dollars.

Mountains to Sound Greenway Trail Cost Estimate

Bellevue Gap - Segment 4

Project: 161 Ave SE to Newport Way
 Date: 10/24/2012
 Estimated by: C.Masek

Project Description: Construct 12' wide multi-use trail from 161 Ave SE to Newport Way along the I-90. Project includes Walls, lighting and landscaping without irrigation

Section No.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST	CODE	NOTES
2-01	Cleaning and Grubbing	14500	SY	\$5	\$72,500	1A	Top six inches of non-paved surfaces
2-01	Tree Removal	150	EA	\$500	\$75,000	1A	For trees larger than 12"
2-01	Removal of Structures and Obstructions	1	LS	\$20,000	\$20,000	1A	For items other than the removals listed below (Jersey Barriers, Guardrail, MSE Wall)
2-02	Removal of Asphalt Pavement	0	SY	\$8	\$0	1A	
2-02	Removal of Concrete	0	SY	\$15	\$0	1A	
2-02	Removal of Curb and Gutter	0	LF	\$15	\$0	1A	
2-03	Roadway Excavation incl. Haul	11000	CY	\$10	\$110,000	1B	Excavation within the roadway limits
2-09	Structural Ex. Class B	600	CY	\$22	\$13,200	1B	Excavation for Drainage Structures and walls
2-09	Shoring/Ex. Excav. Class B	17000	SF	\$1	\$17,000	1D	
4-04	Crushed Surfacing Top Course	6000	TON	\$18	\$108,000	1C	Includes CSTC, Gravel Barrow, Shoulder Ballast
5-04	Asphalt Concrete Pavement	1000	TON	\$100	\$100,000	3A	
5-04	Planing Bituminous Pavement	0	SY	\$6	\$0	3A	Assume a 2" Grind
6-02	Concrete Structures	0	SF	\$325	\$0	2C	Concrete Bridge Structures - Cost assumes moderate to poor soil conditions
6-04	Timber Structures	475	LF	\$1,000	\$475,000	2D	Pre-Fabricated Bridges - Cost per E-mail from Geoff Bradley (Parks)
6-16	Soldier Pile Wall	0	SF	\$120	\$0	2A	
7-01	Underdrain Pipe	1325	LF	\$18	\$23,850	2A	Behind All Walls
7-05	Manholes	2	EA	\$3,000	\$6,000	1D	All Manholes
7-05	Catch Basins	2	EA	\$1,500	\$3,000	1D	Unit Price Based on average of Type 1 and Type 2 Basins
7-05	Storm Drainage Pipe 8"	0	LF	\$45	\$0	1D	For estimating purposes, a unit price for Class 52 Ductile Iron is used
7-05	Storm Drainage Pipe 12"	1000	LF	\$55	\$55,000	1D	For estimating purposes, a unit price for Class 52 Ductile Iron is used
7-05	Storm Water Detention Facility	10000	GF	\$12	\$120,000	1D	For Impervious Areas greater than 2000 SF. Ratio 35 CF Storage/100 SF
7-05	Water Quality Vault	0	LS	\$50,000	\$0	1D	Use if increasing Pollution Generating Surfaces
7-14	Fire Hydrant Assembly	0	EA	\$3,000	\$0	4D	
8-03	Irrigation System	0	LF	\$25	\$0	4A	
8-04	Concrete Curb and Gutter	0	LF	\$28	\$0	3B	
8-09	Pavement Markers (All Types)	0	LF	\$2	\$0	5E	Use \$30 LF for Quantities
8-11	Guardrail	0	LF	\$50	\$0	5A	For all pavement markings within the project limit
8-12	Fence	9000	LF	\$10	\$90,000	2B	Chain Link Fence
8-14	Concrete Sidewalk	0	SY	\$30	\$0	3B	
8-14	Concrete Sidewalk Ramps	0	EA	\$1,800	\$0	3B	
8-14	Safety Railing	0	LF	\$100	\$0	2B	
8-18	Concrete Barrier with safety railing	0	LF	\$180	\$0	2B	
8-20	Traffic Signal System Complete	0	EA	\$300,000	\$0	5B	Enter whole numbers for complete 4 leg intersections & fractions for partial replacements
8-20	Illumination System Complete	4350	LF	\$15	\$65,250	5C	
8-24	Retaining Wall Structure	11500	SF	\$30	\$345,000	2A	
SUBTOTAL					\$1,698,800		

	% of Construction Total	
1-10	Traffic Control Labor	6.0%
2-01	Roadside Cleanup	1.5%
7-05	Utility Adjustments	0.8%
7-05	Natural Drainage Practices	2.5%
8-01	Temporary Erosion Control	2.0%
8-02	Property Restoration	2.0%
8-02	Landscaping and Planters	5.0%
8-21	Permanent Signing	1.0%
CONSTRUCTION SUB-TOTAL		\$2,052,150

Comments and Assumptions

- 12' Wide Multi-Use Trail
- Use pervious asphalt where feasible
- Prefabricated Wood Bridges over Streams
- Construct new storm conveyance system where needed
- 53,000 SF of new and disturbed impervious (Assume 50% NDP and 50% Conventional Treatment)

OPINION OF PROBABLE COST AT PLANNING LEVEL

PROJECT: Mountains to Sound Greenway Trail Segment 5
 CIP NO.
 DATE: October 2012

I. RIGHT OF WAY ACQUISITION & EASEMENT AND REIMBURSEMENT COSTS				\$15,000
II. CONSTRUCTION				
1. Grading/Drainage	\$684,040			
1.A) Clear, Grub, Demo, Removal	\$162,400	1.D) Drainage (WQ/Det/Conv)	\$291,200	
1.B) Roadway Excav./Unsuit.	\$83,100	1.E) NDP	\$39,340	
1.C) CSTC, Gravel Borrow	\$108,000			
2. Structures	\$386,070			
2.A) Retaining Walls	\$131,070	2.C) Concrete Bridge Structures	\$0	
2.B) Railings and Fences	\$255,000	2.D) Pre-Fabricated Bridges	\$0	
3. Surfacing/Paving	\$410,430			
3.A) Pavement/Shldrs	\$319,800			
3.B) Curb Gutter & Sidewalk	\$90,630			
4. Roadside Development	\$185,609			
4.A) Landscaping	\$102,208			
4.B) Temp Erosion Control	\$31,472			
4.C) Site Improvements	\$39,340			
4.D) Utilities	\$12,589			
5. Traffic Services & Safety	\$203,288			
5.A) Traffic Control Devices	\$0	5.E) Channelization	\$17,100	
5.B) Signals	\$0	5.F) Traffic Control Labor	\$110,152	
5.C) Illumination (Roadway)	\$60,300			
5.D) Signing	\$15,736			
6. Miscellaneous Items Not Yet Estimated	\$46,735.92			
2.5% of (Lines 1 through 5)				\$1,916,173
7. Allowance for Planning-Level Accuracy	\$47,904			
2.5% of (Lines 1 through 6)				
8. Mobilization, Survey, Potholing	\$249,102			
13% of (Line 1 through 6)				\$2,213,179
9. Sales Tax	\$1,120			
8.9% of (Utilities - Line 4.D)				
10. Construction Work by Others at Owner's Expense	\$0			
Construction Work by Others				
11. Agreements	\$0			
Utility Agreements, etc.				\$2,214,300
12. Construction Engineering	\$221,430			
10.0% of (Lines 1 through 10)				
13. Construction Contingency	\$221,430			
10.0% of (Lines 1 through 10)				\$2,657,160
III. DESIGN ENGINEERING AND CITY COSTS				
1. Design Engineering (In House Design)	\$265,716			
12.0% of (CONSTRUCTION cost not incl contingency)				
2. Agency Administration	\$110,715			
5.0% of (CONSTRUCTION cost not incl contingency)				
3. Alignment Survey	\$33,214			
1.5% of (CONSTRUCTION cost not incl contingency)				
				\$409,645
TOTAL ESTIMATED COST (UNADJUSTED 2012 DOLLARS)				\$3,081,805

Assumptions:

1. Estimate calculated in 2012 dollars.

Mountains to Sound Greenway Trail Cost Estimate

Bellevue Gap - Segment 5
 Project: Newport Way to Lakemont Blvd
 Date: 10/25/2012
 Estimated by: C.Masek

Project Description: Construct 12' wide multi-use trail along Newport Way from the Pedestrian Bridge to Lakemont Blvd SE. Project includes Walls, lighting, irrigation, landscaping, and grind and overlay of Newport Way

Section No.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST	CODE	NOTES
2-01	Cleaning and Grubbing	6000	SY	\$8	\$48,000	1A	Top six inches of non-paved surfaces
2-01	Tree Removal	50	EA	\$500	\$25,000	1A	For trees larger than 12"
2-01	Removal of Structures and Obstructions	1	LS	\$35,000	\$35,000	1A	For items other than the removals listed below (Jersey Barriers, Guardrail, MSE Wall)
2-02	Removal of Asphalt Pavement	6800	SY	\$8	\$54,400	1A	
2-02	Removal of Concrete	0	SY	\$15	\$0	1A	
2-02	Removal of Curb and Gutter	0	LF	\$15	\$0	1A	
2-03	Roadway Excavation incl. Haul	6000	CY	\$10	\$60,000	1B	Excavation within the roadway limits
2-09	Structural Ex. Class B	1050	CY	\$22	\$23,100	1B	Excavation for Drainage Structures and walls
2-09	Shoring/Ex. Excav. Class B	15200	SF	\$1	\$15,200	1D	
4-04	Crushed Surfacing Top Course	6000	TON	\$18	\$108,000	1C	Includes CSTC, Gravel Barrow, Shoulder Ballast
5-04	Asphalt Concrete Pavement	3000	TON	\$90	\$270,000	3A	
5-04	Planning Bituminous Pavement	8300	SY	\$6	\$49,800	3A	Assume a 2" Grind
6-02	Concrete Structures	0	SF	\$325	\$0	2C	Concrete Bridge Structures - Cost assumes moderate to poor soil conditions
6-04	Timber Structures	0	LF	\$1,000	\$0	2D	Pre-Fabricated Bridges - Cost per E-mail from Geoff Bradley (Parks)
7-01	Soldier Pile Wall	6-16	SF	\$120	\$0	2A	
7-01	Underdrain Pipe	615	LF	\$18	\$11,070	2A	Behind All Walls
7-05	Manholes	2	EA	\$3,000	\$6,000	1D	All Manholes
7-05	Catch Basins	6	EA	\$9,000	\$54,000	1D	Unit Price Based on average of Type 1 and Type 2 Basins
7-05	Storm Drainage Pipe 8"	500	LF	\$45	\$22,500	1D	For estimating purposes, a unit price for Class 52 Ductile Iron is used
7-05	Storm Drainage Pipe 12"	1500	LF	\$55	\$82,500	1D	For estimating purposes, a unit price for Class 52 Ductile Iron is used
7-05	Storm Water Detention Facility	13000	SF	\$12	\$156,000	1D	For Impervious Areas greater than 2000 SF. Ratio 35 CF Storage/100 SF
7-05	Water Quality Vault	0	LS	\$50,000	\$0	1D	Use if increasing Pollution Generating Surfaces
7-14	Fire Hydrant Assembly	0	EA	\$3,000	\$0	4D	
8-03	Irrigation System	2200	LF	\$25	\$55,000	4A	
8-04	Concrete Curb and Gutter	2910	LF	\$28	\$81,480	3B	
8-09	Pavement Markers (All Types)	8550	LF	\$2	\$17,100	5E	Use \$30 LF for Quantities
8-11	Guardrail	0	LF	\$50	\$0	5A	For all pavement markings within the project limit
8-12	Fence	3500	LF	\$10	\$35,000	2B	Chain Link Fence
8-14	Concrete Sidewalk	125	SY	\$30	\$3,750	3B	
8-14	Concrete Sidewalk Ramps	3	EA	\$1,800	\$5,400	3B	
8-14	Safety Railing	0	LF	\$100	\$0	2B	
8-18	Concrete Barrier with safety railing	2200	LF	\$100	\$220,000	2B	
8-20	Traffic Signal System Complete	0	EA	\$300,000	\$0	5B	Enter whole numbers for complete 4 leg intersections & fractions for partial replacements
8-20	Illumination System Complete	4020	LF	\$15	\$60,300	5C	
8-24	Retaining Wall Structure	4000	SF	\$30	\$120,000	2A	
SUBTOTAL					\$1,573,600		

		% of Construction Total	
1-10	Traffic Control Labor	7.0%	
2-01	Roadside Cleanup	1.5%	
7-05	Utility Adjustments	0.8%	
7-05	Natural Drainage Practices	2.5%	
8-01	Temporary Erosion Control	2.0%	
8-02	Property Restoration	1.0%	
8-02	Landscaping and Planters	3.0%	
8-21	Permanent Signing	1.0%	
CONSTRUCTION SUB-TOTAL			\$1,869,437

Comments and Assumptions

- 12' Wide Multi-Use Trail with 4 ft or larger planter when adjacent to a road
- Use pervious asphalt where feasible
- Grind and Overlay of Newport Way
- Construct new storm conveyance system where needed
- Includes Street Lighting
- 80,000 SF of new and disturbed impervious (Assume 50% NDP and 50% Conventional Treatment)

OPINION OF PROBABLE COST AT PLANNING LEVEL

PROJECT: Mountains to Sound Greenway Trail Segment 6

CIP NO.

DATE: October 2012

I. RIGHT OF WAY ACQUISITION & EASEMENT AND REIMBURSEMENT COSTS				\$0
II. CONSTRUCTION				
1. Grading/Drainage	\$39,500			
1.A) Clear, Grub, Demo, Removal	\$22,000	1.D) Drainage (WQ/Det/Conv)	\$0	
1.B) Roadway Excav./Unsuit.	\$5,000	1.E) NDP	\$0	
1.C) CSTC, Gravel Borrow	\$12,500			
2. Structures	\$3,714,800			
2.A) Retaining Walls	\$154,800	2.C) Concrete Bridge Structures	\$3,465,000	
2.B) Railings and Fences	\$95,000	2.D) Pre-Fabricated Bridges	\$0	
3. Surfacing/Paving	\$12,000			
3.A) Pavement/Shldr	\$12,000			
3.B) Curb Gutter & Sidewalk	\$0			
4. Roadside Development	\$208,137			
4.A) Landscaping	\$0			
4.B) Temp Erosion Control	\$75,686			
4.C) Site Improvements	\$132,451			
4.D) Utilities	\$0			
5. Traffic Services & Safety	\$150,451			
5.A) Traffic Control Devices	\$0	5.E) Channelization	\$0	
5.B) Signals	\$0	5.F) Traffic Control Labor	\$94,608	
5.C) Illumination (Roadway)	\$18,000			
5.D) Signing	\$37,843			
6. Miscellaneous Items Not Yet Estimated	\$103,122.18			
2.5% of (Lines 1 through 5)				\$4,228,009
7. Allowance for Planning-Level Accuracy	\$105,700			
2.5% of (Lines 1 through 6)				
8. Mobilization, Survey, Potholing	\$549,641			
13% of (Line 1 through 6)				\$4,883,351
9. Sales Tax	\$0			
8.9% of (Utilities - Line 4.D)				
10. Construction Work by Others at Owner's Expense	\$0			
Construction Work by Others				
11. Agreements	\$0			
Utility Agreements, etc.				\$4,883,351
12. Construction Engineering	\$488,335			
10.0% of (Lines 1 through 10)				
13. Construction Contingency	\$488,335			
10.0% of (Lines 1 through 10)				\$5,860,021
III. DESIGN ENGINEERING AND CITY COSTS				
1. Design Engineering (In House Design)	\$586,002			
12.0% of (CONSTRUCTION cost not incl contingency)				
2. Agency Administration	\$244,168			
5.0% of (CONSTRUCTION cost not incl contingency)				
3. Alignment Survey	\$48,834			
1.0% of (CONSTRUCTION cost not incl contingency)				
				\$879,003
TOTAL ESTIMATED COST (UNADJUSTED 2012 DOLLARS)				\$6,739,024

Assumptions:

1. Estimate calculated in 2012 dollars.

Mountains to Sound Greenway Trail Cost Estimate

Bellevue Gap - Segment 6

Project: 150 Ave SE Flyover Bridge
 Date: 10/24/2012
 Estimated by: C.Masek

Project Description: Construct flyover bridge over I-90 Offramps and 150 Ave SE.

Section No.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST	CODE	NOTES
2-01	Cleaning and Grubbing	0	SY	\$5	\$0	1A	Top six inches of non-paved surfaces
2-01	Tree Removal	4	EA	\$500	\$2,000	1A	For trees larger than 12"
2-01	Removal of Structures and Obstructions	1	LS	\$20,000	\$20,000	1A	For items other than the removals listed below (Jersey Barriers, Guardrail, MSE Wall)
2-02	Removal of Asphalt Pavement	0	SY	\$8	\$0	1A	
2-02	Removal of Concrete	0	SY	\$15	\$0	1A	
2-02	Removal of Curb and Gutter	0	LF	\$15	\$0	1A	
2-03	Roadway Excavation incl. Haul	500	CY	\$10	\$5,000	1B	Excavation within the roadway limits
2-09	Structural Ex. Class B	0	CY	\$22	\$0	1B	Excavation for Drainage Structures and walls
2-09	Shoring/Ex. Excav. Class B	0	SF	\$1	\$0	1D	
4-04	Crushed Surfacing Top Course	500	TON	\$25	\$12,500	1C	Includes CSTC, Gravel Barrow, Shoulder Ballast
5-04	Asphalt Concrete Pavement	100	TON	\$120	\$12,000	3A	
5-04	Planing Bituminous Pavement	0	SY	\$6	\$0	3A	Assume a 2" Grind
6-02	Concrete Structures	13860	SF	\$250	\$3,465,000	2C	Concrete Bridge Structures - Cost assumes moderate to poor soil conditions
6-04	Timber Structures	0	LF	\$1,000	\$0	2D	Pre-Fabricated Bridges - Cost per E-mail from Geoff Bradley (Parks)
6-16	Soldier Pile Wall	0	SF	\$120	\$0	2A	
7-01	Underdrain Pipe	600	LF	\$18	\$10,800	2A	Behind All Walls
7-05	Manholes	0	EA	\$3,000	\$0	1D	All Manholes
7-05	Catch Basins	0	EA	\$1,500	\$0	1D	Unit Price Based on average of Type 1 and Type 2 Basins
7-05	Storm Drainage Pipe 8"	0	LF	\$45	\$0	1D	For estimating purposes, a unit price for Class 52 Ductile Iron is used
7-05	Storm Drainage Pipe 12"	0	LF	\$55	\$0	1D	For estimating purposes, a unit price for Class 52 Ductile Iron is used
7-05	Storm Water Detention Facility	0	GF	\$12	\$0	1D	For Impervious Areas greater than 2000 SF. Ratio 35 CF Storage/100 SF
7-05	Water Quality Vault	0	LS	\$50,000	\$0	1D	Use if increasing Pollution Generating Surfaces
7-14	Fire Hydrant Assembly	0	EA	\$3,000	\$0	4A	
8-03	Irrigation System	0	LF	\$25	\$0	4A	
8-04	Concrete Curb and Gutter	0	LF	\$28	\$0	3B	
8-09	Pavement Markers (All Types)	0	LF	\$2	\$0	5E	Use \$30 LF for Quantities
8-11	Guardrail	0	LF	\$50	\$0	5A	For all pavement markings within the project limit
8-12	Fence	500	LF	\$10	\$5,000	2B	Chain Link Fence
8-14	Concrete Sidewalk	0	SY	\$30	\$0	3B	
8-14	Concrete Sidewalk Ramps	0	EA	\$1,800	\$0	3B	
8-14	Safety Railing	0	LF	\$100	\$0	2B	
8-18	Concrete Barrier with safety railing	600	LF	\$150	\$90,000	2B	
8-20	Traffic Signal System Complete	0	EA	\$300,000	\$0	5B	Enter whole numbers for complete 4 leg intersections & fractions for partial replacements
8-20	Illumination System Complete	1200	LF	\$15	\$18,000	5C	
8-24	Retaining Wall Structure	4800	SF	\$30	\$144,000	2A	
SUBTOTAL					\$3,784,300		

	% of Construction Total
1-10 Traffic Control Labor	2.5%
2-01 Roadside Cleanup	1.5%
7-05 Utility Adjustments	0.0%
7-05 Natural Drainage Practices	0.0%
8-01 Temporary Erosion Control	2.0%
8-02 Property Restoration	2.0%
8-02 Landscaping and Planters	0.0%
8-21 Permanent Signing	1.0%
CONSTRUCTION SUB-TOTAL	
	\$4,124,887

Comments and Assumptions

- 12' Wide Multi-Use Trail
- Use pervious asphalt where feasible
- Standard WSDOT Girder Concrete Bridges Over I-90 Offramp and Factoria Blvd
- Construct new storm conveyance system where needed
- Does not trigger Detention - 3600 SF of new impervious & distributed

OPINION OF PROBABLE COST AT PLANNING LEVEL

PROJECT: Mountains to Sound Greenway Trail Segment 7

CIP NO.

DATE: October 2012

I. RIGHT OF WAY ACQUISITION & EASEMENT AND REIMBURSEMENT COSTS				\$0
II. CONSTRUCTION				
1. Grading/Drainage	\$163,800			
1.A) Clear, Grub, Demo, Removal	\$45,000	1.D) Drainage (WQ/Det/Conv)	\$65,800	
1.B) Roadway Excav./Unsuit.	\$15,500	1.E) NDP	\$0	
1.C) CSTC, Gravel Borrow	\$37,500			
2. Structures	\$1,415,500			
2.A) Retaining Walls	\$168,000	2.C) Concrete Bridge Structures	\$1,155,000	
2.B) Railings and Fences	\$92,500	2.D) Pre-Fabricated Bridges	\$0	
3. Surfacing/Paving	\$60,000			
3.A) Pavement/Shldr	\$60,000			
3.B) Curb Gutter & Sidewalk	\$0			
4. Roadside Development	\$134,944			
4.A) Landscaping	\$42,170			
4.B) Temp Erosion Control	\$33,736			
4.C) Site Improvements	\$59,038			
4.D) Utilities	\$0			
5. Traffic Services & Safety	\$106,538			
5.A) Traffic Control Devices	\$25,000	5.E) Channelization	\$0	
5.B) Signals	\$0	5.F) Traffic Control Labor	\$42,170	
5.C) Illumination (Roadway)	\$22,500			
5.D) Signing	\$16,868			
6. Miscellaneous Items Not Yet Estimated	\$47,019.55			
2.5% of (Lines 1 through 5)				\$1,927,802
7. Allowance for Planning-Level Accuracy	\$48,195			
2.5% of (Lines 1 through 6)				
8. Mobilization, Survey, Potholing	\$250,614			
13% of (Line 1 through 6)				\$2,226,611
9. Sales Tax	\$0			
8.9% of (Utilities - Line 4.D)				
10. Construction Work by Others at Owner's Expense	\$0			
Construction Work by Others				
11. Agreements	\$0			
Utility Agreements, etc.				\$2,226,611
12. Construction Engineering	\$222,661			
10.0% of (Lines 1 through 10)				
13. Construction Contingency	\$222,661			
10.0% of (Lines 1 through 10)				\$2,671,933
III. DESIGN ENGINEERING AND CITY COSTS				
1. Design Engineering (In House Design)	\$267,193			
12.0% of (CONSTRUCTION cost not incl contingency)				
2. Agency Administration	\$111,331			
5.0% of (CONSTRUCTION cost not incl contingency)				
3. Alignment Survey	\$22,266			
1.0% of (CONSTRUCTION cost not incl contingency)				
				\$400,790
TOTAL ESTIMATED COST (UNADJUSTED 2012 DOLLARS)				\$3,072,723

Assumptions:

1. Estimate calculated in 2012 dollars.

Mountains to Sound Greenway Trail Cost Estimate

Bellevue Gap - Segment 7
 Project: I-90 Offramp & Factoria Flyover Bridges
 Date: 10/24/2012
 Estimated by: C.Masek

Project Description: Construct 12' wide multi-use trail over the I-90 Offramp and Factoria Blvd with bridges.

Section No.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST	CODE	NOTES
2-01	Cleaning and Grubbing	4000	SY	\$5	\$20,000	1A	Top six inches of non-paved surfaces
2-01	Tree Removal	10	EA	\$500	\$5,000	1A	For trees larger than 12"
2-01	Removal of Structures and Obstructions	1	LS	\$20,000	\$20,000	1A	For items other than the removals listed below (Jersey Barriers, Guardrail, MSE Wall)
2-02	Removal of Asphalt Pavement	0	SY	\$8	\$0	1A	
2-02	Removal of Concrete	0	SY	\$15	\$0	1A	
2-02	Removal of Curb and Gutter	0	LF	\$15	\$0	1A	
2-03	Roadway Excavation incl. Haul	1000	CY	\$10	\$10,000	1B	Excavation within the roadway limits
2-09	Structural Ex. Class B	250	CY	\$22	\$5,500	1B	Excavation for Drainage Structures and walls
2-09	Shoring/Ex. Excav. Class B	2500	SF	\$1	\$2,500	1D	
4-04	Crushed Surfacing Top Course	1500	TON	\$25	\$37,500	1C	Includes CSTC, Gravel Barrow, Shoulder Ballast
5-04	Asphalt Concrete Pavement	500	TON	\$120	\$60,000	3A	
5-04	Planning Bituminous Pavement	0	SY	\$6	\$0	3A	Assume a 2" Grind
6-02	Concrete Structures	4200	SF	\$275	\$1,155,000	2C	Concrete Bridge Structures - Cost assumes moderate to poor soil conditions
6-04	Timber Structures	0	LF	\$1,000	\$0	2D	Pre-Fabricated Bridges - Cost per E-mail from Geoff Bradley (Parks)
6-16	Soldier Pile Wall	0	SF	\$120	\$0	2A	
7-01	Underdrain Pipe	1000	LF	\$18	\$18,000	2A	Behind All Walls
7-05	Manholes	0	EA	\$3,000	\$0	1D	All Manholes
7-05	Catch Basins	4	EA	\$1,500	\$6,000	1D	Unit Price Based on average of Type 1 and Type 2 Basins
7-05	Storm Drainage Pipe 8"	100	LF	\$45	\$4,500	1D	For estimating purposes, a unit price for Class 52 Ductile Iron is used
7-05	Storm Drainage Pipe 12"	0	LF	\$55	\$0	1D	For estimating purposes, a unit price for Class 52 Ductile Iron is used
7-05	Storm Water Detention Facility	4400	SF	\$12	\$52,800	1D	For Impervious Areas greater than 2000 SF. Ratio 35 CF Storage/100 SF
7-05	Water Quality Vault	0	LS	\$50,000	\$0	1D	Use if increasing Pollution Generating Surfaces
7-14	Fire Hydrant Assembly	0	EA	\$3,000	\$0	4A	
8-03	Irrigation System	0	LF	\$25	\$0	4A	
8-04	Concrete Curb and Gutter	0	LF	\$28	\$0	3B	
8-09	Pavement Markers (All Types)	0	LF	\$2	\$0	5E	Use \$30 LF for Quantities
8-11	Guardrail	500	LF	\$50	\$25,000	5A	For all pavement markings within the project limit
8-12	Fence	3000	LF	\$10	\$30,000	2B	Chain Link Fence
8-14	Concrete Sidewalk	0	SY	\$30	\$0	3B	
8-14	Concrete Sidewalk Ramps	0	EA	\$1,800	\$0	3B	
8-14	Safety Railing	0	LF	\$100	\$0	2B	
8-18	Concrete Barrier with safety railing	500	LF	\$125	\$62,500	2B	
8-20	Traffic Signal System Complete	0	EA	\$300,000	\$0	5B	Enter whole numbers for complete 4 leg intersections & fractions for partial replacements
8-20	Illumination System Complete	1500	LF	\$15	\$22,500	5C	
8-24	Retaining Wall Structure	5000	SF	\$30	\$150,000	2A	
SUBTOTAL					\$1,686,800		

	% of Construction Total
1-10 Traffic Control Labor	2.5%
2-01 Roadside Cleanup	1.5%
7-05 Utility Adjustments	0.0%
7-05 Natural Drainage Practices	0.0%
8-01 Temporary Erosion Control	2.0%
8-02 Property Restoration	2.0%
8-02 Landscaping and Planters	2.5%
8-21 Permanent Signing	1.0%
CONSTRUCTION SUB-TOTAL	
	\$1,880,782

Comments and Assumptions

- 12' Wide Multi-Use Trail
- Use previous asphalt where feasible
- Standard WSDOT Girder Concrete Bridges Over I-90 Offramp and Factoria Blvd
- Construct new storm conveyance system where needed
- 14400 SF of new & disturbed impervious



APPENDIX C

PRELIMINARY ENVIRONMENTAL CLASSIFICATION SUMMARY (ECS)

Part 1 - Project Description			
Federal Aid Project Number:	Route: N/A	Date: 12/20/12	Intent of Submittal: <input checked="" type="checkbox"/> Preliminary <input type="checkbox"/> Final <input type="checkbox"/> Re-Evaluate
Agency: City of Bellevue		Federal Program Title: <input checked="" type="checkbox"/> 20.205 <input type="checkbox"/> Other	
Project Title: Mountains to Sound Greenway Trail – Factoria Blvd SE to Lakemont Blvd SE			
Beginning MP: <u> N/A </u>		Township(s): <u> 25N </u>	
Ending MP: <u> N/A </u>		Range(s): <u> 5E </u>	
Miles: <u> N/A </u>		Section(s): <u> SW 29 </u>	
County: King			
Project Description (Describe the proposed project, including the purpose and need for the project): Will construction a new 12 ft wide asphalt trail on the south side of Interstate 90 between Factoria Blvd SE and Lakemont Blvd SE. This project will fill in an essential missing gap in the 100 mile Mountains to Sound Greenway Trail which begins at the Seattle waterfront and ends in on the eastern side of the Cascade Mountain range.			

Part 2 - Environmental Classification	
<p style="text-align: center;">NEPA</p> <input type="checkbox"/> Class I – Environmental Impact Statement (EIS) <input checked="" type="checkbox"/> Class II – Categorically Excluded (CE) CE Type (from 23 CFR 771.117) _____ <input type="checkbox"/> Projects Requiring Documentation (Documented CE) (LAG 24.22) <input type="checkbox"/> Programmatic CE MOU <input type="checkbox"/> Class III – Environmental Assessment (EA)	<p style="text-align: center;">SEPA</p> <input type="checkbox"/> Categorically exempt per WAC 197-11-800 <input checked="" type="checkbox"/> Determination of Non-Significance (DNS) <input type="checkbox"/> Environmental Impact Statement (EIS) <input type="checkbox"/> Adoption <input type="checkbox"/> Addendum <input type="checkbox"/> Supplemental (for information purpose only)

NEPA Approval Signatures

Local Agency Approving Authority	Date
Regional Local Programs Engineer	Date
Highways and Local Programs Engineer	Date
Federal Highway Administration	Date

Completed by (Print Official's Name): Chris Masek	Telephone (include area code): 425-452-4619	Fax (include area code): 425-452-2874
		E-mail: cmasek@bellevuewa.gov

Part 3 - Permits and Approvals Required

Yes	No	Permit or Approval	Yes	No	Permit or Approval
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Corps of Engineers <input type="checkbox"/> Sec. 10 <input type="checkbox"/> Sec. 404 <input type="checkbox"/> Nationwide Type _____ <input type="checkbox"/> Individual Permit No. _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Water Rights Permit
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Coast Guard Permit	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Water Quality Certification – Section 401 Issued by _____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Coastal Zone Management Certification	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Tribal Permit(s) (if any) _____
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Critical Areas Ordinance (CAO) Permit	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Other Permits (List) _____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Forest Practices Act Permit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ROW acquisition required? If yes, amount needed: TBD
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Hydraulics Project Approval	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Is relocation required?
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Local Building or Site Development Permits	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Has ROW already been acquired for this project?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Local Clearing and Grading Permit	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Is a detour required? If yes, please attach detour information
<input checked="" type="checkbox"/>	<input type="checkbox"/>	National Pollutant Discharge and Elimination System (NPDES) Baseline General for Construction			
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Shoreline Permit			
<input type="checkbox"/>	<input checked="" type="checkbox"/>	State Waste Discharge Permit			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	TESC Plans Completed			

Part 4 - Environmental Considerations

**Will the project involve work in or affect any of the following? Identify proposed mitigation.
Attach additional pages or supplemental information if necessary.**

1. Air Quality – Identify any anticipated air quality issues.

Is the project included in the Metropolitan Transportation Plan? Yes No
 If Yes, date Metropolitan Transportation Plan was adopted 1/10/10
 Is the project located in an Air Quality Non-Attainment Area or Maintenance Area for carbon monoxide,
 ozone or PM 10? Yes No
 Is the project exempt from Air Quality conformity requirements? Yes No
 If Yes, identify exemption – please refer to Appendix H in the ECS Guidebook for a list of exemptions.
 Exempt – Pedestrian / Bicycle Facility

2. Critical/Sensitive Areas – Identify any known Critical or Sensitive Areas as designated by local Growth Management Act ordinances.

a. Is this project within: an aquifer recharge area Yes No
 a wellhead protection area Yes No
 a sole source aquifer Yes No

If located within a sole source aquifer, is the project exempt from EPA approval?
 If Yes, please list exemption: _____
 If No, date of EPA approval: _____

b. Is this project located in a Geologically Hazardous Area? Yes No If yes, please describe:
 Critical Slopes are located in some areas within the project limits

c. Will this project impact Species/Habitat other than ESA listed species? Yes No Explain your answer.

Is this project within Bald Eagle nesting territories, winter concentration areas or communal roosts? Yes No

Will blasting, pile driving, concrete saw cutting, rock drilling or rock scaling activities occur within one mile of a Bald Eagle nesting area? Yes No

Part 4 - Environmental Considerations (continued)

d. Are wetlands present within the project area? Yes No If Yes, estimate the impact in acres: _____
Please attach a copy of the proposed mitigation plan.

3. Cultural Resources/Historic Structures – Identify any historic, archaeological or cultural resources present within the project’s Area of Potential Effects.

Does the project fit into any of the exempt types of projects listed in Appendix C of the ECS Guidebook?

Yes No If Yes, note exemptions below.

A1, A2, and A5. There are no historic structures in the project area.

If No: Date of DAHP concurrence: _____

Date of Tribal consultation(s) (if applicable): _____

Adverse effects on cultural/historic resources? Yes No

If Yes, date of approved Section 106 MOA: _____

4. Floodplains and Floodways

Is the project located in a 100-year floodplain? Yes No

If Yes, is the project located within a 100-year floodway? Yes No

Will the project impact a 100-year floodplain? Yes No If Yes, describe impacts.

5. Hazardous and Problem Waste – Identify potential sources and type(s).

Does the project require excavation below the existing ground surface? Yes No

Is this site located in an undeveloped area (*i.e.* no buildings, parking or storage areas or agriculture (other than grazing) based on historic research? Yes No

Is the project located within a one-mile radius of a site on a Confirmed or Suspected Contaminated Sites List (CSCSL) maintained by the Department of Ecology? Yes No

Is this project located within a ½-mile radius of a site or sites listed on any of the following Department of Ecology databases? Yes No If Yes, check the appropriate boxes below.

Voluntary Cleanup Program (VCP)

Underground Storage Tank (UST)

Leaking Underground Storage Tank (LUST)

Has site reconnaissance (windshield survey) been performed? Yes No

If so identify any properties not identified in the database search that may affect the project (name, address and property use).

None found

Based on the information above and project specific activities, is there a potential for the project to generate contaminated soils or groundwater? Yes No

Please explain:

The project will remove existing pavement/sidewalk and re-install the removed pavement. No major excavation will be associated with this project.

If you responded Yes to any of the above questions, contact your Region LPE for assistance before continuing with this form.

Part 4 - Environmental Considerations (continued)

6. Noise

Does the project involve constructing a new roadway? Yes No

Is there a change in the vertical or horizontal alignment of the existing roadway? Yes No

Does the project increase the number of through traffic lanes on an existing roadway? Yes No

Is there a change in the topography? Yes No

Are there lanes extending 1-½ miles or longer being constructed as part of this project? Yes No

If you answered Yes to any of the preceding questions, identify and describe any potential noise receptors within the project area and subsequent impacts to those noise receptors. Please attach a copy of the noise analysis if required.

If impacts are identified, describe proposed mitigation measures.

7. Parks, Recreation Areas, Wildlife Refuges, Historic Properties, Wild and Scenic Rivers, Scenic Byways and 4(f)/6(f) resources

a. Please identify any 4(f) properties within the project limits and the areas of impacts.

None

b. Please identify any 6(f) properties within the project limits and areas of impacts.

None

c. Please list any Wild and Scenic Rivers and Scenic Byways within the project limits.

None

8. Resource Lands – Identify any of the following resource lands within 300 feet of the project limits and those otherwise impacted by the project.

a. Agricultural lands Yes No If Yes, please describe all impacts.

b. Forest/Timber Yes No If Yes, please describe all impacts.

c. Mineral Yes No If Yes, please describe all impacts.

Part 4 - Environmental Considerations (continued)

9. Rivers, Streams (continuous or intermittent) or Tidal Waters

a. Identify all waterbodies within 300 feet of the project limits or that will otherwise be impacted.

Fisheries WA Stream No.: None Ecology 303d Report No.: _____

(if known) Reason for 303d Listing: _____

Date of Report: _____

Waterbody common name: 3 unnamed Tributaries, Richards Creek, Vasa Creek

b. Identify stream crossing structures by type.

Culvert crossings for Richards Creek and Vasa Creek

c. Water Resource Inventory Area (WRIA) No. and name: _____, _____

10. Tribal Lands – Identify whether the project will impact any Tribal lands, including reservation, trust and fee lands.

None

11. Visual Quality

Will the project impact roadside classification or visual aspects such as aesthetics, light, glare or night sky?

Yes No If Yes, please describe all impacts.

12. Water Quality/Stormwater

Has the NPDES municipal general permit been issued for this WRIA? Yes No

Amount of existing impervious surface within the project limits: TBD

Net new impervious surface to be created as a result of this project: TBD

Will this project's proposed stormwater treatment facility be consistent with the guidelines provided by either WSDOT's HRM, DOE's western Washington stormwater manual or a local agency equivalent manual? Yes No

If No, explain proposed water quality/quantity treatment for the new and any existing impervious surface associated with the proposed project.

Part 4 - Environmental Considerations (continued)

13. Commitments

a. **Environmental** - Describe existing environmental commitments that may affect or be impacted by the project. (For example, previous mitigation that may have been constructed within the project limits.)

None

b. **Long-Term Maintenance Commitments**

Are long-term commitments necessary for this project? Yes No If Yes, please describe.

14. Environmental Justice

Does the project meet any of the exemptions noted in Appendix F of the ECS Guidebook? Yes No

If Yes, please note the exemption and appropriate justification in the space below. Findings should be confirmed using at least two information sources. Please refer to the ECS Guidebook for more information.

#1 - Pavement Repair and Overlay

If No, are minority or low-income populations located within the limits of the project's potential impacts?

Yes No If No, attach appropriate data to support findings. If Yes, describe impacts and attach appropriate supporting documentation.

NLTA - Date of Concurrence _____
 LTAA – Date BO Issued _____
Date of first six-month update _____

Adverse Effect – Date of NMFS’s
concurrence _____

Analysis for No Effects Determination – If there are any “Yes” answers to questions in Part 5, additional analysis is required. Please attach additional sheets if needed.

Part 6 - FHWA Comments

[Empty rectangular area for drawing or notes]

Use Supplement Sheet if additional space is required to complete this section.

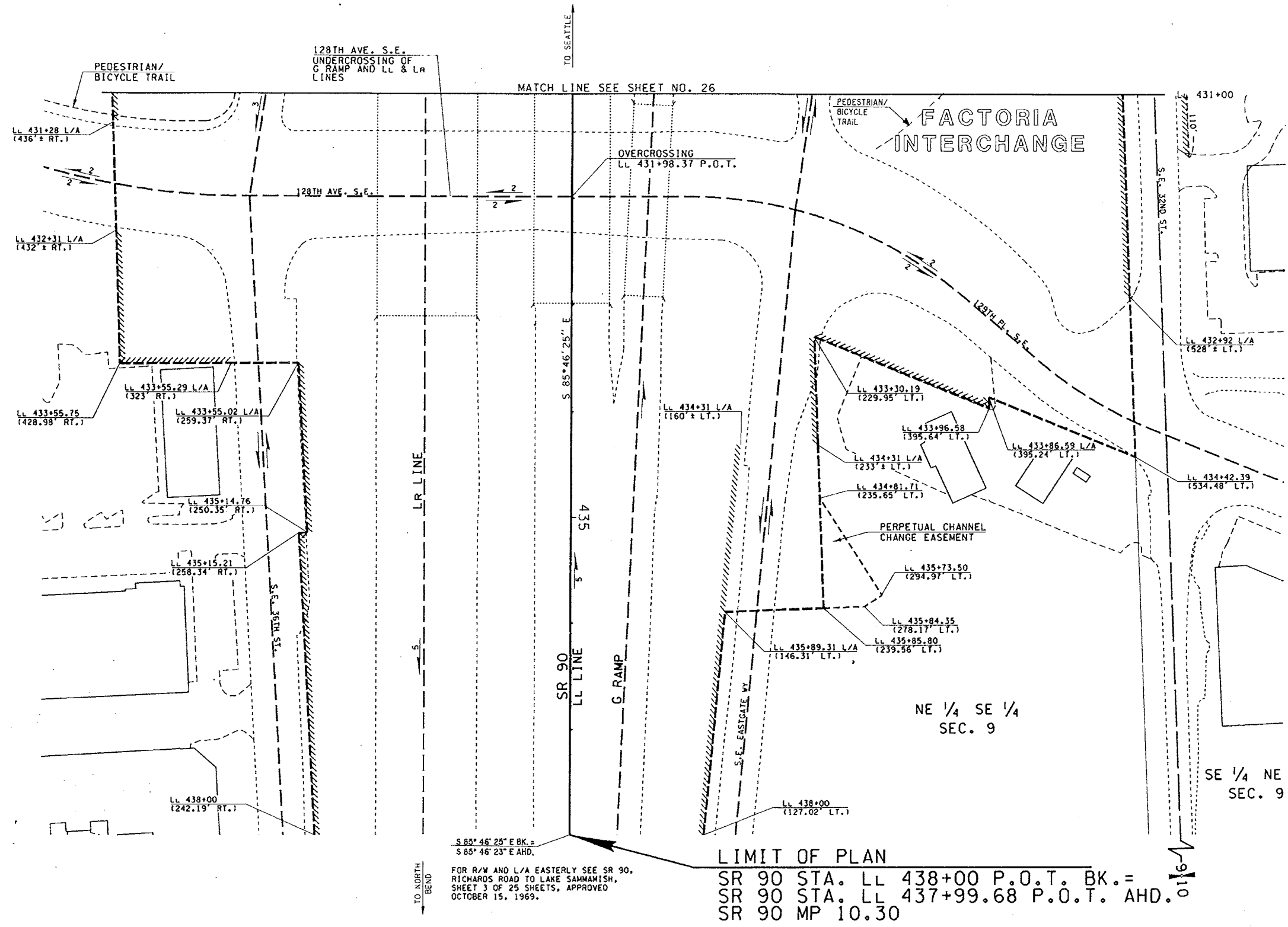


APPENDIX D

WSDOT RIGHT OF WAY DRAWINGS

T.24N. R.5E. W.M.

CITY OF BELLEVUE



THE BASIS OF BEARINGS AND DISTANCES ARE DETERMINED FROM WASHINGTON STATE PLANE COORDINATE SYSTEM, NORTH ZONE (NAD 83/90).

THE DISTANCES SHOWN ARE GROUND DISTANCES. FOR SURVEY INFORMATION SEE RECORD OF SURVEY FOR WASHINGTON STATE DEPARTMENT OF TRANSPORTATION 200508290002 RECORDED AUGUST 12, 2005, AMENDED BY AFFIDAVIT OF MINOR CORRECTION OF MAP, AFN 20050108000682 AND BY AMENDED RECORD OF SURVEY, AFN 20050403900003 AND RECORD OF SURVEY AFN 2006010800008 RECORDED JANUARY 18, 2006 AND AFN 2006010800008 RECORDED JANUARY 18, 2006.

THIS PLAN SUPERSEDES SHEETS 5, 6, AND 8 OF 6 SHEETS OF SR 90, E. CHANNEL BRIDGE TO RICHARDS RD., APPROVED AUGUST 17, 1965.

OWNERSHIP SHOULD BE VERIFIED. PROPERTY RIGHTS SHOWN MAY NOT HAVE BEEN ACQUIRED BY WSDOT.

ACCESS NOTE:
PEDESTRIAN AND BICYCLE TRAFFIC WILL BE PERMITTED ACCESS AND USE OF THE TRAIL DESIGNATED ON THE RIGHT BETWEEN SR 90 STA. LL 431+00 ± AND SR 90 STA. LL 438+00. ACCESS TO THE TRAIL WILL BE PERMITTED ONLY AT:
STA. LL 431+20 RT.

PEDESTRIAN AND BICYCLE TRAFFIC WILL BE PERMITTED ACCESS AND USE OF THE TRAIL DESIGNATED ON THE LEFT BETWEEN STA. LL 431+00 AND LL 431+55.



SR 405
S.E. 64TH ST. VIC.
TO S.E. 30TH ST. VIC.
KING COUNTY

RIGHT OF WAY AND LIMITED ACCESS PLAN
FULL CONTROL
SR 90 MP 10.17 TO SR 90 MP 10.30
SR 90 STA. LL 431+00 TO SR 90 STA. LL 438+00
WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON



APPROVED AND ADOPTED JANUARY 27, 2006

James A. W. age
RIGHT OF WAY PLANS ENGINEER

SHEET 27 OF 27 SHEETS

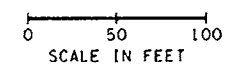
Approved by State Highway Commission Order No. 15, 1965, and by Commission Order No. 3, 1974, and Commission Resolution No. 142, July 15, 1965.

LEGEND

ACCESS TO BE PROHIBITED SHOWN THUS

PROPERTY OWNERSHIP NUMBERS

PROPERTY LINES

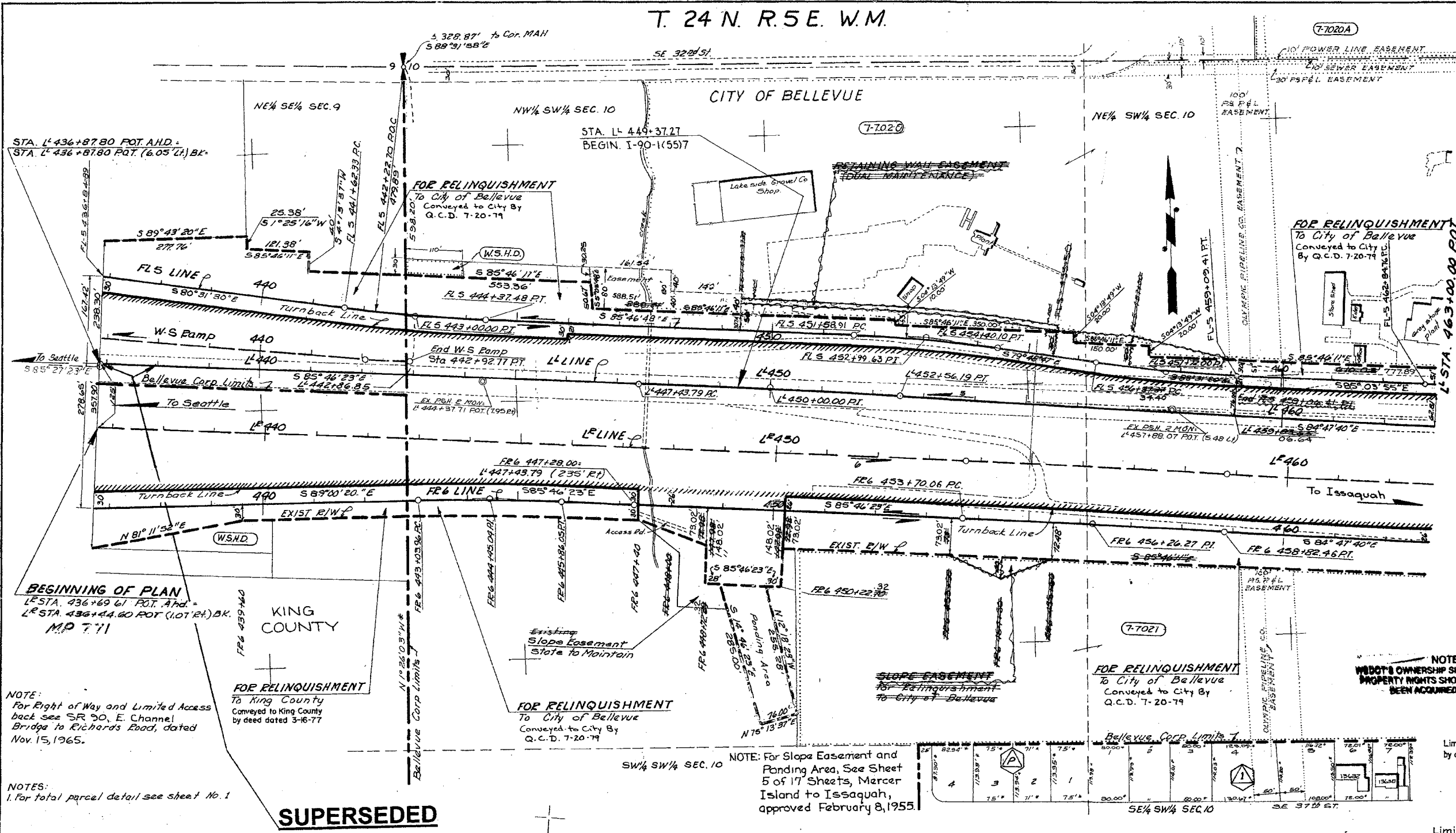


Letter	Date	Description	By
Letter 5-9-09	6-4-09	Added Supplement to the Record of Survey Note	CJ2
Letter 10-20-06	11-07	Revised Basis of Bearings Note; Added and Revised Superseded Note; Revised Access Note; Added Pedestrian/Bicycle Trail and Access Note on Lt. Vic. Sta. 431+30; Added Bearing Equation SR 90 Sta. LL 437+99.68 P.O.T. AHD.	AW
Reference	Approval	Revision Description	By

PARCEL NO.	NAME	TOTAL AREA	R/W	LT. REMAINDER RT.	EASM'T
TOTAL AREA IS FROM ASSESSOR'S RECORDS UNLESS OTHERWISE NOTED. OWNERSHIPS ALL AREAS ARE SHOWN IN SQUARE FEET UNLESS OTHERWISE NOTED.					

T. 24 N. R. 5 E. W.M.

REGION NO.	STATE	FED. AID PROJECT NO.	SHEET NO.
10	WASH.	I-90-(155)T	



DATE	BY	REVISION

DATE	BY	REVISION

DATE	BY	REVISION

NOTE:
For Right of Way and Limited Access back see SR 90, E. Channel Bridge to Richards Road, dated Nov. 15, 1965.

NOTES:
1. For total parcel detail see sheet No. 1

SUPERSEDED

STA. LL 436+87.80 TO STA. LL 437+99.58
SUPERSEDED BY SR 405, S.E. 64TH ST.
VIC. TO S.E. 30TH ST. VIC., SHEET 27
OF 27 SHEETS, APPROVED AND
ADOPTED JANUARY 27, 2006

LEGEND

SCALE IN FEET

PROPERTY OWNERSHIP NUMBERS 7-1000

ACCESS TO BE PROHIBITED SHOWN THUS

PROPERTY LINES

WASHINGTON STATE HIGHWAY DEPT. (W.S.H.D.)

EXISTING STREETS

EXISTING MONUMENTS

CO-ORDINATED MONUMENTS

CURVE DATA				
PI STATION	Δ	R	T	L
L 450+00.00	0°58'49"	130,000.00	256.21	512.40
FL 5 445+00.00	5°15'18"	3,000.00	137.67	275.15
FL 5 452+99.83	5°58'01"	2,700.00	140.72	281.19
FL 5 457+72.00	5°15'08"	13,000.00	157.60	275.01
FL 6 444+43.04	5°13'57"	13,000.00	141.08	282.09
FL 6 454+26.27	0°58'49"	130,000.00	256.21	512.40
FL 5 463+92.85	1°15'08"	10,000.00	115.09	230.17

OWNERSHIPS					ALL QUANTITIES IN SQ. FT. UNLESS OTHERWISE NOTED				
PARCEL No.	NAME	TOTAL AREA	TAXE	REMAINDER	LT.	RT.	SLOPE EASEMENT	RET. WALL EASEMENT	REVISION
7-7020	Lakeside Sand & Gravel	21.76 Ac.	(NOT USED)						
7-7020A	LEE	(SEE SHEET 4)							
7-7021	LEE (LAKESIDE SAND & GRAVEL)	10.99 Ac.				0.99 Ac.	0.02 Ac.		

Letter	Date	Revised	Description	Authority
Letter 9-29-76	10-1-76	Rev. 3-31	Noted property conveyed to King County by deed dated 3-16-77	CV
Letter 10-4-73	10-19-73	Revised	Deleted all easement areas parcel 7-7021	WLM
Letter 7-13-73	9-7-73	Deleted	Deleted all on LT. FL 5 449+37.27 to FL 5 459+09.41 P.T. of retaining wall easement on FL 5 449+37.27 to FL 5 455+00.00 areas parcels 7-7020 & 7-7020A	RLS
Letter 6-24-71	7-15-71	Deleted	Deleted slope easement on RT. FR 6 455+50 to FR 6 455+50 areas parcel 7-7021	RLS
Letter 5-25-71	6-25-71	Revised	Revised boundary, ne & areas parcel 7-7020, added parcel 7-7020A	RLS
Letter 1-28-71	3-4-71	Revised	Revised Areas Force No. 7-7020	RAM
Letter 1-11-71	1-28-71	Revised	Revised areas parcel 7-7020	RLS
Letter 9-29-70	10-22-70	Revised	Revised areas parcel 7-7020	RLS
Letter 5-10-70	9-10-70	Revised	Revised areas parcel 7-7020	RLS
Comm. F-10-1969	2-5-70	Rev. Dimensions	Rev. Dimensions FR G Lines	RLS

NOTE:
WSDOT'S OWNERSHIP SHOULD BE VERIFIED. PROPERTY RIGHTS SHOWN MAY NOT HAVE BEEN ACQUIRED BY WSDOT.

Limited Access Features Tentatively Approved June 12, 1969, by authority of Washington State Highway Commission

EXHIBIT A
Limited Access established by Commission Findings and Order issued Oct. 15, 1969

SR 90 MP 7.71 TO MP 11.73
RICHARDS ROAD TO LAKE SAMMAMISH
KING COUNTY
RIGHT OF WAY AND LIMITED ACCESS PLAN FULLY CONTROLLED
Station LL 436+87.80 to Station LL 463+00

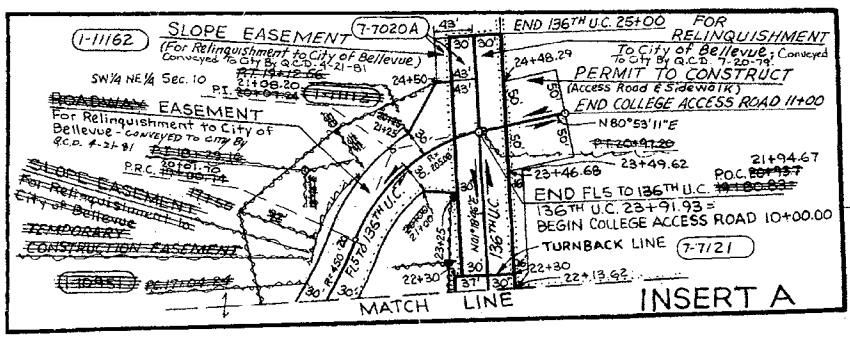
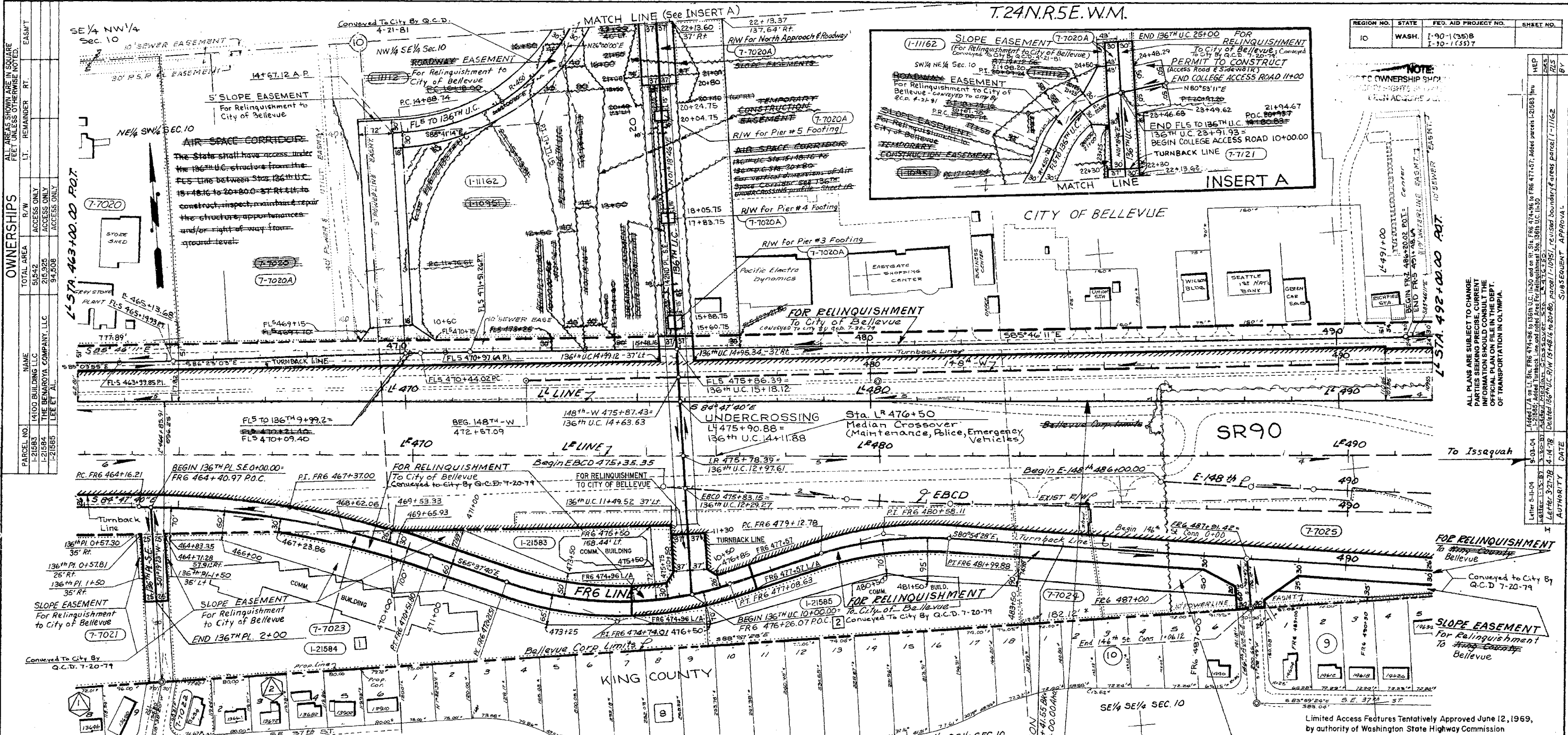
WASHINGTON STATE HIGHWAY COMMISSION
DEPARTMENT OF HIGHWAYS
OLYMPIA WASHINGTON
DONALD D. ZANK, CHAIRMAN
R. L. MICALSON, DIRECTOR OF HIGHWAYS
JOHN H. BOPP

DATE: JUNE 12, 1969

SHEET 3 OF 25 SHEETS
Designated for Limited Access Control by Commission Resolution No. 95, July 23, 1953

T.24N.R.5E.W.M.

REGION NO.	STATE	FED. AID PROJECT NO.	SHEET NO.
10	WASH.	I-90-1(35)B I-90-1(35)7	



NOTE:
 OWNERSHIP SHOWN
 IS SUBJECT TO RECORDS
 IN THE PUBLIC RECORDS
 OF KING COUNTY.

OWNERSHIPS

PARCEL NO.	NAME	TOTAL AREA	R/W	ACCESS ONLY	ACCESS ONLY
1-21583	THE BENAROYA COMPANY, LLC	518.42			
1-21584	LEE ET AL.	216.925			
1-21585	LEE ET AL.	94.508			

LEGEND

SP-84-04	KING COUNTY
Eastgate Add. Div. K	
Eastgate Add. Div. G	

ACCESS NOTE:
 Traffic movement will be permitted over the highway structure at Sta. L 475+90.88, 136th Undercrossing, under the 136th Undercrossing located within Parcel T-7020A as clearance permits.

NOTES:

- For total parcel detail see sheet No. 1
- All bearings and distances followed by an asterisk are taken from title reports or plot maps.

* For additional take from parcel 1-11162 see King County Survey Site Plans Sheet 29 approved Aug 15, 1975

PARCEL NO.	NAME	TOTAL AREA	R/W	LT REMAINDER	RT	EASEMENTS
1-11162	F.W. Palto, Trucking	95.43 AC.		95.43 AC.		#0.02 AC # 1.96 AC.
1-11112	NOT USED					
1-10951	NOT USED					

OWNERSHIPS

PARCEL NO.	NAME	TOTAL AREA	TAKE	REMAINDER	EASEMENT
7-7020	Lakeside Sand & Gravel	SEE SHEET # 3			
7-7021	Lee (Lakeside Sand & Gravel)	10.540	7.100	3.440	
7-7022	DYMENT	12.04 AC.	3.62 AC.	8.42 AC.	1.232 AC.
7-7023	Lee (Lakeside Sand & Gravel)	44.460	19.920	24.540	1.910
7-7024	LEE	96.10 AC.	0.67 AC.	95.43 AC.	
7-7024	BLUMER	4.12 AC.	3.09 AC.	1.03 AC.	0.56 AC.
7-7025	HARMS				
7-7121	BELL SH. DIST. #405				

LETTER	DATE	DESCRIPTION	BY
Letter 2-21-78	3-2-78	Revised FLS to 136th U.C. alignment & easement & added parcel 1-11162	RLS
Letter 12-12-77	12-30-77	Added slope easement on Sta. L 475+90.88 to Sta. L 490+00.00, revised area parcel 1-10951, deleted slope easement on Sta. L 475+90.88, revised area parcel 1-10951	RLS
Letter 6-7-77	11-18-77	Added slope easement on Sta. L 475+90.88 to Sta. L 490+00.00, revised area parcel 1-10951, added 1-11162	RLS
Letter 9-30-76	11-12-76	Revised Air Space Corridor to R/W 136th U.C. & deleted drainage, temp construction & slope easements 136th U.C. revised FLS to 136th U.C. alignment & easements, added parcel 1-10951	RLS
Letter 11-7-75	11-28-75	Added Permit to Construct on Sta. L 475+90.88 to Sta. L 490+00.00	RLS
Letter 9-20-74	12-3-74	Deleted R/W & added Air Space Corridor, R/W For Piers & Drainage easement 136th U.C. Sta. L 475+90.88 to Sta. L 490+00.00, slope easements 136th U.C. Sta. L 475+90.88, rev areas Deleted R/W 136th U.C. L 465+13.68, R/W 136th U.C. Sta. L 475+90.88, 136th U.C. Sta. L 475+90.88, FLS to 136th U.C. Sta. L 475+90.88, revised FLS to 136th U.C. Sta. L 475+90.88	RLS
Comm. Res. 2607	9-7-73	Revised Bellevue Corp. Limits	RLS
Letter 6-27-72	7-21-72	Revised Bellevue Corp. Limits	RLS
Letter 5-29-71	6-25-71	Revised ownership boundary & name parcel T-7020, added parcel T-7020A	RLS
Comm. Res. 2344	3-13-71	Rev. Slope Easement Dimension, Sta. SE 32nd St 3+85	RAM
Letter 1-28-71	3-9-71	Deleted Parcel Line SE 32nd St slope easement Sta. 3+85 to Sta. 6+08.90	RAM
Letter 1-11-71	1-28-71	Added Sta. 32nd St. & Bellevue Comm. College Access Rd. Parcel 7-7121	RLS
Letter 9-29-70	10-12-70	Revised R/W 136th U.C. Sta. L 475+90.88, R/W, alignment & slope easement, area parcel 7-7025	RLS
Letter 9-10-70	9-10-70	Revised 136th U.C. FR Line alignment & R/W	RLS
Comm. FLD 10-3-69	8-5-70	Rev. R/W vicinity intersection 136th U.C. FR Line access T-7023, T-7024, Add Sta. L 475+90.88	RLS

LEGEND

SCALE IN FEET

PROPERTY OWNERSHIP NUMBERS: 7-1000

ACCESS TO BE PROHIBITED SHOWN THUS: //

PROPERTY LINES: - - - - -

WASHINGTON STATE HIGHWAY DEPT.: W.S.H.C.

EXISTING STREETS: - - - - -

EXISTING MONUMENTS: ⊕

CO-ORDINATED MONUMENTS: ⊙

EXHIBIT A
 Limited Access established by Commission Findings and Order issued Oct. 15, 1969.

SR 90 MP 7.71 TO MP 11.73
RICHARDS ROAD TO LAKE SAMMAMISH
 KING COUNTY
 RIGHT OF WAY AND LIMITED ACCESS PLAN FULLY CONTROLLED
 Station L 463+00 to Station L 492+00

WASHINGTON STATE HIGHWAY COMMISSION
 DEPARTMENT OF HIGHWAYS
 OLYMPIA WASHINGTON

E. L. NIXON
 K. WALSH
 JOHN N. BOPP

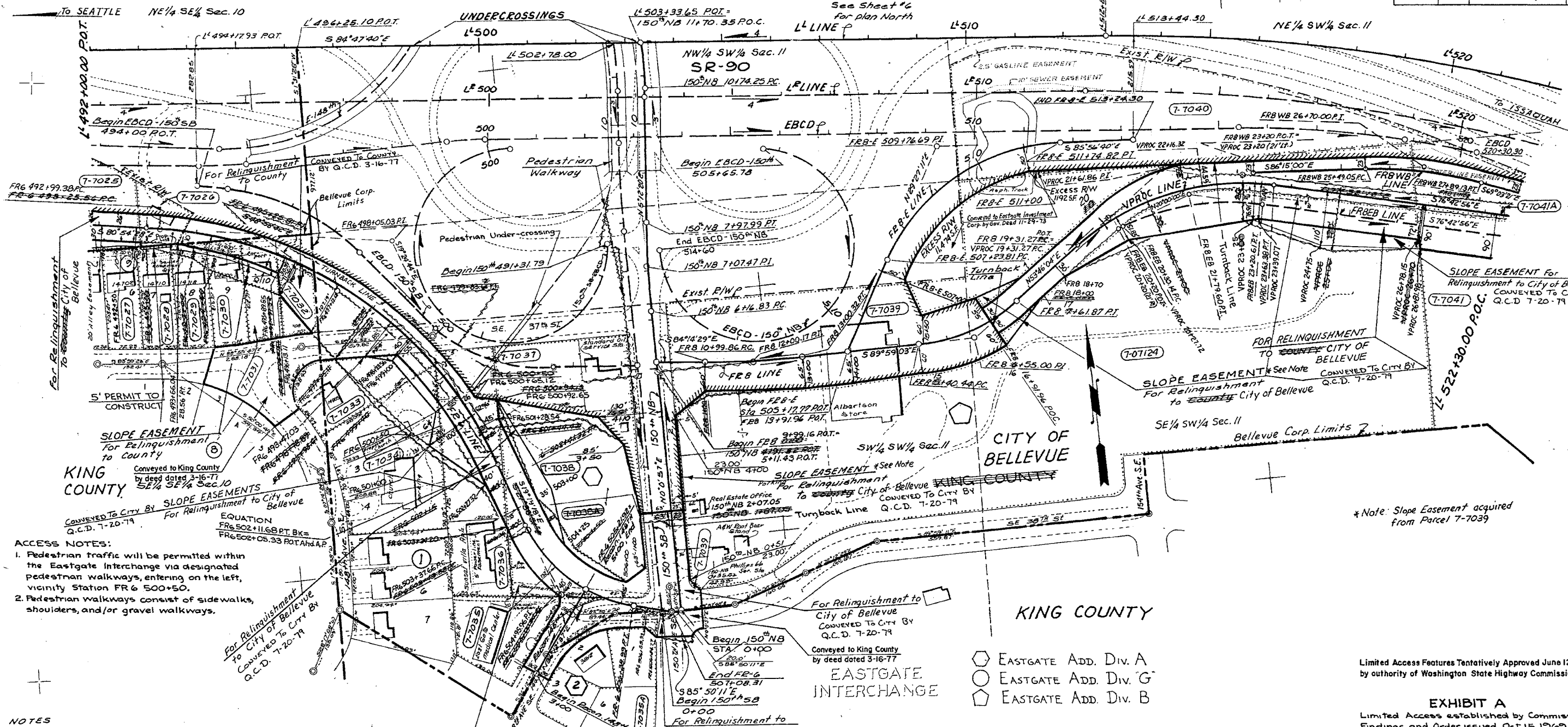
DATE: June 12, 1969

SHEET 4 OF 25 SHEETS

Designated for Limited Access Control by Commission Resolution No. 95, July 23, 1963

I. 24 IN. D.E. W.M.

REGION NO.	STATE	FED. AID PROJECT NO.	SHEET NO.
10	WASH.	I-90-1 (35)8	



ACCESS NOTES:
 1. Pedestrian traffic will be permitted within the Eastgate Interchange via designated pedestrian walkways, entering on the left, vicinity Station FR 6 500+50.
 2. Pedestrian walkways consist of sidewalks, shoulders, and/or gravel walkways.

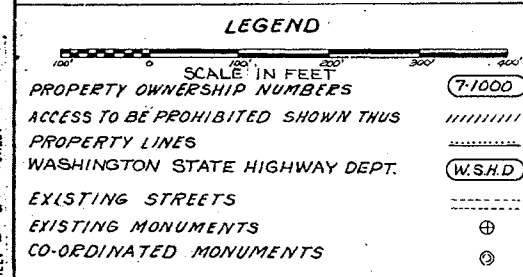
NOTES

VACATED BY CITY OF BELLEVUE AND CONVEYED BY CITY TO B.D. WILSON, ET. AL. BY Q.C.D. 2-24-81

1. All bearings and distances followed by an asterisk are taken from title reports or plat maps.

OWNERSHIPS						
PARCEL No.	NAME	TOTAL AREA	TAKE	REMAINDER LT.	REMAINDER RT.	PERMIT TO CONSTRUCT
7-7025	HARMS			SEE SHEET #4		
7-7026	HUTCHINS	9,910	9,910			
7-7027	BUSBY	14,850		14,850	10	
7-7028	ATKINSON	15,270		15,270	300	
7-7029	LINC. 1 ST FED. SAV.	15,500	470	15,030	750	
7-7030	LOAN ASSN. (WESLEY)					
7-7030	CONFER	15,450	1,970	13,480	760	
7-7031	DIEHL	13,760	2,840	10,920	800	
7-7032	MULLOY	10,510	8,210	2,300		
7-7033	LOVETT	27,180	2,471	24,709	1,400	
7-7034	LUTHERAN CHURCH	60,380	1,717	58,663	2,500	
7-7035	EASTGATE HOMES INC.	29,710	2,370	27,340		
7-7036	WILSON ET AL	48,750	15,910	32,840	5,340	
7-7037	CONNER ET AL	12,000	12,000			
7-7038	EASTGATE INC.	3.36 AC.	1.85 AC.	1.51 AC.	0.17 AC.	
7-7039	EASTGATE INC.	20.51 AC.	4.447 AC.	16.063 AC.	0.118 AC.	
7-7040	PUGET SOUND AIR SEV.	3.89 AC.	3.87 AC.	.02 AC.		
7-7041	TRAILER INNS, INC.	4.03 AC.	0.66 AC.	3.37 AC.		
7-7042	SIEVERS	45,220	200	45,020		
7-7043	EASTGATE INC.	106,103	38,738	67,365	8,734	
7-7044	JAMES (KRAMER)	0.92 AC.	0.92 AC.			

CURVE DATA				
PI STATION	Δ	R	T	L
L 520+18.73	23°33'30"	35,000	729.86'	1439.10'
150-NB 7+07.47	5°11'23"	2,000.00	90.64'	181.16'
150-NB 12+95.43	35°04'14"	700.00	221.18'	428.45'
FR 6 493+25.81	31°55'42"	100.00	200.25'	390.09'
FR 6 509+76.69	64°34'09"	400.00	252.88'	451.01'
FR 6 155+00.00	34°14'53"	350.00	114.56'	221.43'
FR 6 12+00.00	5°44'34"	2,000.00	100.31'	200.46'
FR 6 498+05.03	6°29'44"	850.00	505.65'	912.30'
FR 6 504+95.96	53°38'22"	300.00	158.90'	291.93'
VPROC 21+61.86	49°31'00"	500.00	230.59'	432.11'
FR 6 26+70.00	17°11'39"	800.00	120.95'	240.08'
FR 6 21+79.20	13°11'16"	500.00	149.46'	290.46'



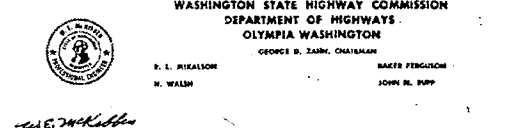
LETTER	DATE	DESCRIPTION	BY
LETTER 10-3-81	11-1-81	REV. R/W/6 NOTED VACATED PROP ON RT 91A, FR 6 503+24.20 TO FR 6 504+95.7	BSM
LETTER 9-29-76	10-1-76	REV. R/W/6 NOTED VACATED PROP ON RT 91A, FR 6 503+24.20 TO FR 6 504+95.7	CV
LETTER 6-29-73	10-7-73	NOTED PROPERTY CONVEYED TO EASTGATE INVESTMENT CORP. BY GOV. DEED 11-29-73	RLS
LETTER 1-10-73	2-16-73	REVISED R/W ON RT. FR 6 187+70 TO VPROC 21+61.86, AREA PARCEL 7-7039 AS ACQUIRED; ADDED SLOPE EASEMENT ON RT. VPROC 21+61.86 TO VPROC 21+61.86, AS ACQUIRED BY RT. 7-7039	RLS
LETTER 6-27-72	7-21-72	ADDED BELLEVUE CORP. LIMITS	RLS
LETTER 1-19-72	2-3-72	REVISED BOUNDARY, NAME EASTGATE PARCEL 7-7041, ADDED PARCEL 7-7041A	RLS
COMM. RES. 24-36	11-12-71	REVISED R/W/6 ON RT. 457+12.68 TO FR 6 297+95.11 ON RIGHT	RLS
LETTER 1-21-71	8-9-71	REVISED R/W/6 FR 6 497+12.68 TO FR 6 297+95.11 ON RIGHT	RLS
LETTER 3-12-71	3-24-71	REVISED R/W/6, DATED 3-24-71, REVISED AREA	RLS
LETTER 12-18-70	1-14-71	REVISED R/W/6, ALIGNMENT, EASEMENTS STA 492+99.30 TO 504+95.96, AREA PARCEL 7-7039	RLS
LETTER 9-29-70	10-27-70	REVISED R/W/6, ALIGNMENT, EASEMENTS STA 492+99.30 TO 504+95.96, AREA PARCEL 7-7039	RLS
LETTER 7-13-70	9-13-70	REVISED SLOPE, AREA, 11.54, 13.23, 13.14, 13.08, 13.02, 13.00, 12.98, 12.96, 12.94, 12.92, 12.90, 12.88, 12.86, 12.84, 12.82, 12.80, 12.78, 12.76, 12.74, 12.72, 12.70, 12.68, 12.66, 12.64, 12.62, 12.60, 12.58, 12.56, 12.54, 12.52, 12.50, 12.48, 12.46, 12.44, 12.42, 12.40, 12.38, 12.36, 12.34, 12.32, 12.30, 12.28, 12.26, 12.24, 12.22, 12.20, 12.18, 12.16, 12.14, 12.12, 12.10, 12.08, 12.06, 12.04, 12.02, 12.00, 11.98, 11.96, 11.94, 11.92, 11.90, 11.88, 11.86, 11.84, 11.82, 11.80, 11.78, 11.76, 11.74, 11.72, 11.70, 11.68, 11.66, 11.64, 11.62, 11.60, 11.58, 11.56, 11.54, 11.52, 11.50, 11.48, 11.46, 11.44, 11.42, 11.40, 11.38, 11.36, 11.34, 11.32, 11.30, 11.28, 11.26, 11.24, 11.22, 11.20, 11.18, 11.16, 11.14, 11.12, 11.10, 11.08, 11.06, 11.04, 11.02, 11.00, 10.98, 10.96, 10.94, 10.92, 10.90, 10.88, 10.86, 10.84, 10.82, 10.80, 10.78, 10.76, 10.74, 10.72, 10.70, 10.68, 10.66, 10.64, 10.62, 10.60, 10.58, 10.56, 10.54, 10.52, 10.50, 10.48, 10.46, 10.44, 10.42, 10.40, 10.38, 10.36, 10.34, 10.32, 10.30, 10.28, 10.26, 10.24, 10.22, 10.20, 10.18, 10.16, 10.14, 10.12, 10.10, 10.08, 10.06, 10.04, 10.02, 10.00, 9.98, 9.96, 9.94, 9.92, 9.90, 9.88, 9.86, 9.84, 9.82, 9.80, 9.78, 9.76, 9.74, 9.72, 9.70, 9.68, 9.66, 9.64, 9.62, 9.60, 9.58, 9.56, 9.54, 9.52, 9.50, 9.48, 9.46, 9.44, 9.42, 9.40, 9.38, 9.36, 9.34, 9.32, 9.30, 9.28, 9.26, 9.24, 9.22, 9.20, 9.18, 9.16, 9.14, 9.12, 9.10, 9.08, 9.06, 9.04, 9.02, 9.00, 8.98, 8.96, 8.94, 8.92, 8.90, 8.88, 8.86, 8.84, 8.82, 8.80, 8.78, 8.76, 8.74, 8.72, 8.70, 8.68, 8.66, 8.64, 8.62, 8.60, 8.58, 8.56, 8.54, 8.52, 8.50, 8.48, 8.46, 8.44, 8.42, 8.40, 8.38, 8.36, 8.34, 8.32, 8.30, 8.28, 8.26, 8.24, 8.22, 8.20, 8.18, 8.16, 8.14, 8.12, 8.10, 8.08, 8.06, 8.04, 8.02, 8.00, 7.98, 7.96, 7.94, 7.92, 7.90, 7.88, 7.86, 7.84, 7.82, 7.80, 7.78, 7.76, 7.74, 7.72, 7.70, 7.68, 7.66, 7.64, 7.62, 7.60, 7.58, 7.56, 7.54, 7.52, 7.50, 7.48, 7.46, 7.44, 7.42, 7.40, 7.38, 7.36, 7.34, 7.32, 7.30, 7.28, 7.26, 7.24, 7.22, 7.20, 7.18, 7.16, 7.14, 7.12, 7.10, 7.08, 7.06, 7.04, 7.02, 7.00, 6.98, 6.96, 6.94, 6.92, 6.90, 6.88, 6.86, 6.84, 6.82, 6.80, 6.78, 6.76, 6.74, 6.72, 6.70, 6.68, 6.66, 6.64, 6.62, 6.60, 6.58, 6.56, 6.54, 6.52, 6.50, 6.48, 6.46, 6.44, 6.42, 6.40, 6.38, 6.36, 6.34, 6.32, 6.30, 6.28, 6.26, 6.24, 6.22, 6.20, 6.18, 6.16, 6.14, 6.12, 6.10, 6.08, 6.06, 6.04, 6.02, 6.00, 5.98, 5.96, 5.94, 5.92, 5.90, 5.88, 5.86, 5.84, 5.82, 5.80, 5.78, 5.76, 5.74, 5.72, 5.70, 5.68, 5.66, 5.64, 5.62, 5.60, 5.58, 5.56, 5.54, 5.52, 5.50, 5.48, 5.46, 5.44, 5.42, 5.40, 5.38, 5.36, 5.34, 5.32, 5.30, 5.28, 5.26, 5.24, 5.22, 5.20, 5.18, 5.16, 5.14, 5.12, 5.10, 5.08, 5.06, 5.04, 5.02, 5.00, 4.98, 4.96, 4.94, 4.92, 4.90, 4.88, 4.86, 4.84, 4.82, 4.80, 4.78, 4.76, 4.74, 4.72, 4.70, 4.68, 4.66, 4.64, 4.62, 4.60, 4.58, 4.56, 4.54, 4.52, 4.50, 4.48, 4.46, 4.44, 4.42, 4.40, 4.38, 4.36, 4.34, 4.32, 4.30, 4.28, 4.26, 4.24, 4.22, 4.20, 4.18, 4.16, 4.14, 4.12, 4.10, 4.08, 4.06, 4.04, 4.02, 4.00, 3.98, 3.96, 3.94, 3.92, 3.90, 3.88, 3.86, 3.84, 3.82, 3.80, 3.78, 3.76, 3.74, 3.72, 3.70, 3.68, 3.66, 3.64, 3.62, 3.60, 3.58, 3.56, 3.54, 3.52, 3.50, 3.48, 3.46, 3.44, 3.42, 3.40, 3.38, 3.36, 3.34, 3.32, 3.30, 3.28, 3.26, 3.24, 3.22, 3.20, 3.18, 3.16, 3.14, 3.12, 3.10, 3.08, 3.06, 3.04, 3.02, 3.00, 2.98, 2.96, 2.94, 2.92, 2.90, 2.88, 2.86, 2.84, 2.82, 2.80, 2.78, 2.76, 2.74, 2.72, 2.70, 2.68, 2.66, 2.64, 2.62, 2.60, 2.58, 2.56, 2.54, 2.52, 2.50, 2.48, 2.46, 2.44, 2.42, 2.40, 2.38, 2.36, 2.34, 2.32, 2.30, 2.28, 2.26, 2.24, 2.22, 2.20, 2.18, 2.16, 2.14, 2.12, 2.10, 2.08, 2.06, 2.04, 2.02, 2.00, 1.98, 1.96, 1.94, 1.92, 1.90, 1.88, 1.86, 1.84, 1.82, 1.80, 1.78, 1.76, 1.74, 1.72, 1.70, 1.68, 1.66, 1.64, 1.62, 1.60, 1.58, 1.56, 1.54, 1.52, 1.50, 1.48, 1.46, 1.44, 1.42, 1.40, 1.38, 1.36, 1.34, 1.32, 1.30, 1.28, 1.26, 1.24, 1.22, 1.20, 1.18, 1.16, 1.14, 1.12, 1.10, 1.08, 1.06, 1.04, 1.02, 1.00, 0.98, 0.96, 0.94, 0.92, 0.90, 0.88, 0.86, 0.84, 0.82, 0.80, 0.78, 0.76, 0.74, 0.72, 0.70, 0.68, 0.66, 0.64, 0.62, 0.60, 0.58, 0.56, 0.54, 0.52, 0.50, 0.48, 0.46, 0.44, 0.42, 0.40, 0.38, 0.36, 0.34, 0.32, 0.30, 0.28, 0.26, 0.24, 0.22, 0.20, 0.18, 0.16, 0.14, 0.12, 0.10, 0.08, 0.06, 0.04, 0.02, 0.00, 0.98, 0.96, 0.94, 0.92, 0.90, 0.88, 0.86, 0.84, 0.82, 0.80, 0.78, 0.76, 0.74, 0.72, 0.70, 0.68, 0.66, 0.64, 0.62, 0.60, 0.58, 0.56, 0.54, 0.52, 0.50, 0.48, 0.46, 0.44, 0.42, 0.40, 0.38, 0.36, 0.34, 0.32, 0.30, 0.28, 0.26, 0.24, 0.22, 0.20, 0.18, 0.16, 0.14, 0.12, 0.10, 0.08, 0.06, 0.04, 0.02, 0.00	RLS
LETTER 6-15-70	7-3-70	REV. R/W/6, ALIGNMENT, EASEMENTS STA 492+99.30 TO 504+95.96, AREA PARCEL 7-7039	RLS
LETTER 3-26-70	4-17-70	REV. OWNERSHIP LIMITS FOR PARCELS 7-7036 & 7-7037	WLM
COMM. RES. 4-0	2-5-70	REV. R/W/6, ALIGNMENT, EASEMENTS STA 492+99.30 TO 504+95.96, AREA PARCEL 7-7039	RLS
10-15-69		REV. PARCEL BARY 7-7032, REV. AREA PARCELS 7-7033, 7-7034, 7-7035, 7-7036, 7-7037, 7-7041	RLS
AUTHORITY	DATE	SUBSEQUENT APPROVAL	BY

Limited Access Features Tentatively Approved June 12, 1969, by authority of Washington State Highway Commission

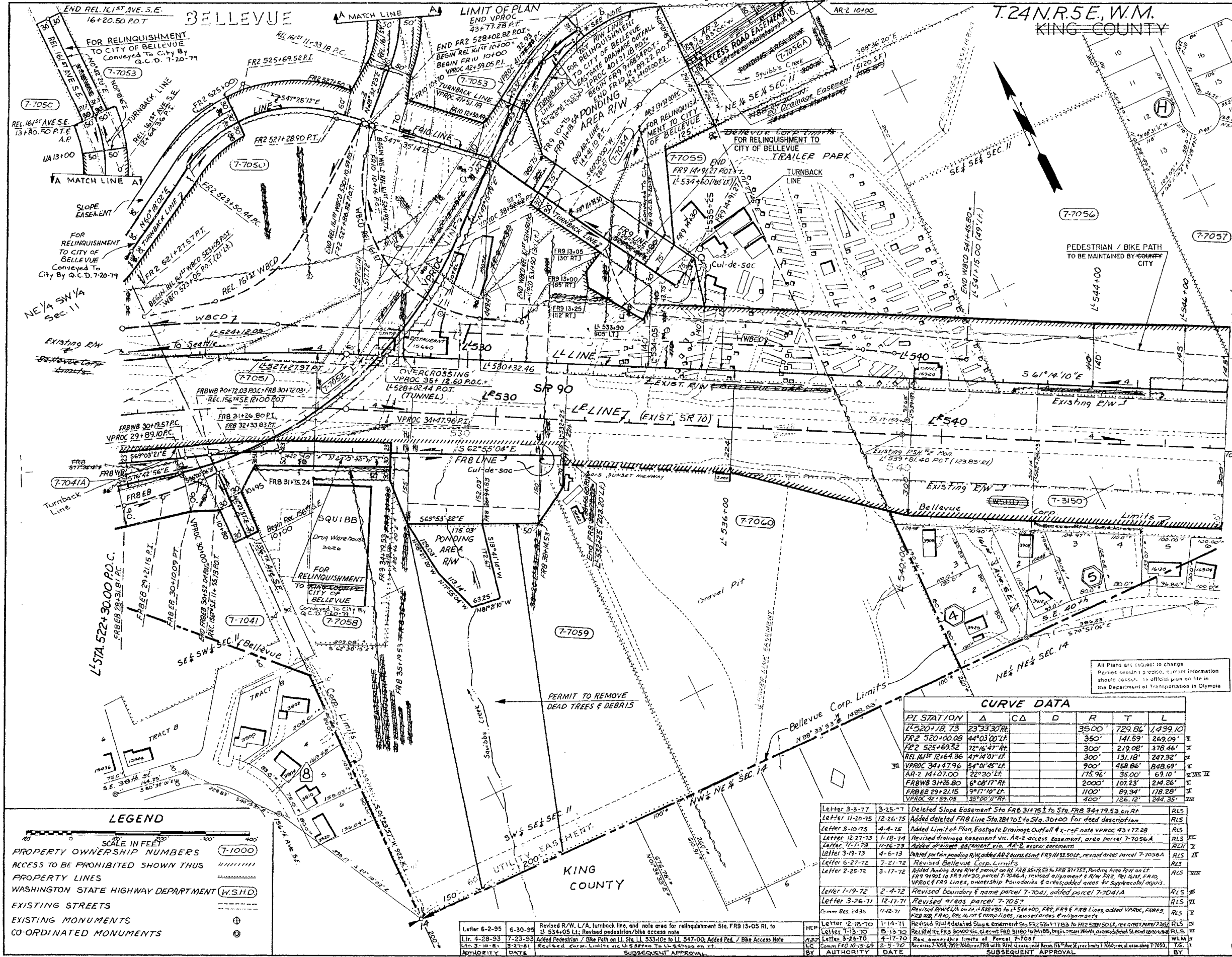
EXHIBIT A
 Limited Access established by Commission Findings and Order issued Oct. 15, 1969.

SR 90 MP 7.71 TO MP 11.73
RICHARDS ROAD TO LAKE SAMMAMISH
 KING COUNTY

RIGHT OF WAY AND LIMITED ACCESS PLAN
 FULLY CONTROLLED
 Station L 492+00 to Station L 522+30.00



DATE: June 12, 1969
 SHEET 5 OF 25 SHEETS
 Designated for Limited Access Control by Commission Resolution No. 95, July 23, 1953



REGION NO.	STATE	FED. AID PROJECT NO.	SHEET NO.
10	WASH.	I-90-1 (35)B	

NOTES:
 1. FOR TOTAL PARCEL DETAILS SEE SHEET NO. 2.
 2. ALL BEARINGS AND DISTANCES FOLLOWED BY AN ASTERISK ARE TAKEN FROM THE TITLE REPORTS OR PLOT MAPS.

ACCESS NOTES:
 TRAFFIC MOVEMENT WILL BE PERMITTED UNDER THE HIGHWAY STRUCTURE AT STA. L 528+32.24 VIA VASA PARK ROAD OVERCROSSING.
 PEDESTRIAN / BIKE TRAFFIC WILL BE PERMITTED ACCESS AND USE OF THE PATH DESIGNATED ON THE LEFT OF THE L¹ LINE BETWEEN STA. L 534+00.00 LT. AND STA. L 582+62.00 LT. ACCESS TO THE PATH WILL BE PERMITTED ONLY AT STA. L 534+00.00 LT. L 552+52.00 LT. AND L 668+72.00 LT.

PARCEL NO.	NAME	TOTAL AREA	TAKE	REMAINDER
		AC.	AC.	AC.
7-7041	TRAILER INNS, INC.	SEE SHEET	NO. 5	
7-7050	PIGGET SOUND AIR SER.	SEE SHEET	NO. 6	
7-7051	ERWIN	21,450	21,450	
7-7052	LIND	6,900	6,900	
7-7053	PIGGET SOUND AIR SER.	507,700	17,204	490,496
7-7054	WEBBER	243,936	62,500	181,436
7-7055	STOCKMEN ESTATE	64,800	220,919	393,881
7-7056	JANDEL & TOSH	7.02 AC.	1.89 AC.	5.13 AC.
7-7057	SUNSET DEVELOPERS	12.02 AC.	1.53 AC.	10.49 AC.
7-7058	BELISSA REALTY CO.	115,644	12,230	103,414
7-7059	RASMUSSEN	11.10 AC.	0.38 AC.	10.72 AC.
7-7060	LIND (OLESON)	13.87 AC.	0.30 AC.	13.57 AC.
7-3150	KLIEN	3.84 AC.	3.30 AC.	0.54 AC.
7-7041A	JAMES (KRAMER)	SEE SHEET	NO. 5	
7-7056A	CURTIN (LELAND)	129,365	ACCESS EASEMENT 24,993	104,372
7-7054	WEBBER	181,436	181,436	
7-7059 H	RASMUSSEN	10.72 AC.	0.53 AC.	10.19 AC.

* Supplemental Acquisition
 † Slope Easement 3,050 S.F.
 ‡ Permit to Remove Dead Trees & Debris 3.40 AC.
 § Drainage easement 436 S.F.
 ¶ 5120 S.F.

* NOTE: For Eastgate Drainage Outfall see KING COUNTY SUNDRY SITE PLANS SR 90, RICHARDS ROAD TO LAKE SAMMAMISH - EASTGATE DRAINAGE OUTFALL Sheets 24 to 28 approved April 4, 1975

- ◇ MARTINDALE ADD NO. 2
- Ⓜ HEATHFIELD CO. EST. NO. 3
- Ⓝ LEAWOOD ADD.
- Ⓛ EASTGATE ADD. DIV. B

Limited Access Features Tentatively Approved June 12, 1969, by authority of Washington State Highway Commission

EXHIBIT A
 Limited Access established by Commission Findings and Order issued Oct. 15, 1969

SR 90 MP 7.71 TO MP 11.73
RICHARDS ROAD TO LAKE SAMMAMISH
 KING COUNTY

RIGHT OF WAY AND LIMITED ACCESS PLAN FULLY CONTROLLED
 Station L 522+30.00 to Station L 547+00

WASHINGTON STATE HIGHWAY COMMISSION
 DEPARTMENT OF HIGHWAYS
 OLYMPIA WASHINGTON
 DR. G. B. EMMETT, CHAIRMAN
 R. L. MULLIGAN, MEMBER
 W. WALSH, MEMBER
 SHERIFF J. C. HARRIS
 JOHN H. RUFF

DATE: June 12, 1969
 SHEET 7 OF 25 SHEETS

Designated for Limited Access Control by Commission Resolution No. 95, July 23, 1953

PI STATION	Δ	CΔ	D	R	T	L
L 520+18.73	23°33'30"R			350'	729.86'	1,439.10'
FR 2 520+00.08	44°03'00"R			350'	141.59'	269.09'
FR 2 525+69.52	72°16'47"R			300'	219.08'	378.46'
REL 161 st AVE SE	47°14'07"R			300'	131.18'	247.32'
VPROC 34+47.96	54°04'45"R			900'	458.06'	848.69'
AR-2 14+07.00	22°30'12"R			175.96'	35.00'	69.10'
FRWB 31+26.80	6°08'17"R			2000'	107.23'	24.26'
FRBE 29+21.15	9°17'10"R			1100'	89.34'	178.28'
VPROC 42+59.05	35°20'17"R			400'	126.12'	244.35'

LETTER	DATE	DESCRIPTION	BY
Letter 3-3-77	3-25-77	Deleted Slope Easement Sta FRB 31+75 to Sta FRB 34+19.53 on RR	RLS
Letter 11-20-75	12-26-75	Added deleted FRB Line Sta 28+10 to Sta 30+00 for deed description	RLS
Letter 3-10-75	4-4-75	Added Limit of Plan, Eastgate Drainage Outfall & x-ref note VPROC 43+72.28	RLS
Letter 12-27-73	1-18-74	Revised drainage easement vic AR-2 access easement, area parcel 7-7056A	RLS
Letter 11-17-73	11-16-73	Added drainage easement vic AR-2 access easement	RLS
Letter 3-19-73	4-6-73	Deleted portion ponding R/W added AR-2 access easement FRB 11+51 SOLP, revised areas parcel 7-7056A	RLS
Letter 6-27-72	7-21-72	Revised Bellevue Corp. Limits	RLS
Letter 2-25-72	3-17-72	Added Building Area R/W permit with FRB 35+73 to FRB 31+75, Ponding Area R/W on LT FRB 9+00 to FRB 14+30, parcel 7-7056A; revised alignment R/W FR 2, REL 161 st AVE, VPROC & FR Lines, ownership boundaries & areas added areas for supplemental access	RLS
Letter 1-19-72	2-4-72	Revised boundary & name parcel 7-7041, added parcel 7-7041A	RLS
Letter 3-26-71	12-17-71	Revised areas parcel 7-7057	RLS
Perm Res 1436	11-27-71	Revised R/W on LT L 522+30 to L 544+00, FRB, FRB & FRB Lines added VPROC, FRBE, FRB, FR 10, REL 161 st AVE, revised areas & alignments	RLS
Letter 12-18-70	1-14-71	Revised R/W & deleted Slope Easement Sta FRB 25+77 to FRB 28+10 SOLP, revised areas parcel 7-7057	RLS
Letter 7-13-70	8-13-70	Revised R/W on LT L 534+00 vic, added FRB 31+80 to 34+195, begin, remain, north areas, deleted SL 1200 to 1200	RLS
Letter 3-28-70	4-17-70	Rev. ownership limits of Parcel 7-7057	RLS
Comm. Res. 10-15-69	12-5-70	Revised R/W on LT L 522+30 to L 544+00, FRB, FRB & FRB Lines added VPROC, FRBE, FRB, FR 10, REL 161 st AVE, revised areas & alignments	RLS
BY AUTHORITY	DATE	SUBSEQUENT APPROVAL	BY

DATE	BY	REVISION

DATE	BY	REVISION

DATE	BY	REVISION

SR 90 RICHARDS ROAD TO LAKE SAMMAMISH
 KING COUNTY CS 17604U
 L-2059
 SHEET 7 OF 25 SHEETS

LEGEND
 SCALE IN FEET
 PROPERTY OWNERSHIP NUMBERS (7-1000)
 ACCESS TO BE PROHIBITED SHOWN THUS
 PROPERTY LINES
 WASHINGTON STATE HIGHWAY DEPARTMENT (W.S.H.D.)
 EXISTING STREETS
 EXISTING MONUMENTS
 CO-ORDINATED MONUMENTS

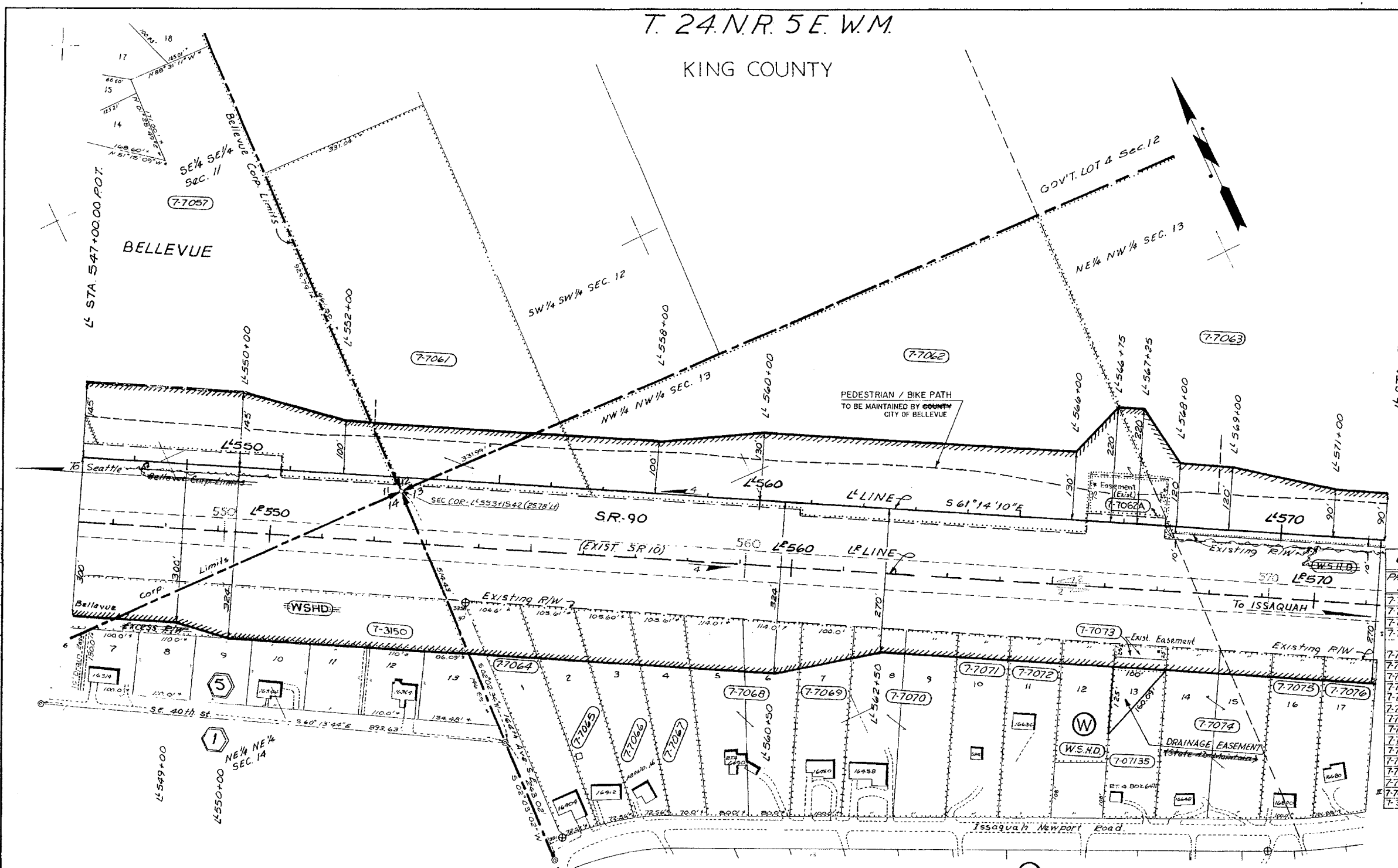
DATE	BY	REVISION
Letter 6-2-95	6-30-95	Revised R/W, L/A, turnback line, and note area for relinquishment Sta. FRB 13+05 RL to L 534+05 LT; Revised pedestrian/bike access note
LT 4-28-93	7-23-93	Added Pedestrian / Bike Path on LT Sta L 533+02 to L 547+00; Added Ped. / Bike Access Note
LT 3-10-81	3-23-81	Revised Corp. Limits vic L 522+30 to L 544+00
APPROVED	DATE	SUBSEQUENT APPROVAL

T. 24 N. R. 5 E. W.M.
KING COUNTY

REGION NO.	STATE	FED. AID PROJECT NO.	SHEET NO.
10	WASH.	I-90-1(35)8	

NOTES:
1. For total parcel detail see sheet No. 2

2. All bearings and distances followed by an asterisk are taken from title reports or plat maps.



PARCEL NO.	NAME	ALL QUANTITIES IN SQ. FT. UNLESS OTHERWISE NOTED			
		TOTAL AREA	TAKE	REMAINDER	SLOPE EASEMENT
7-7057	SUNSET DEVELOPERS	SEE SHEET # 7			
7-7061	GROSECLOSE	5.52 Ac.	0.99 Ac.	4.53 Ac.	
7-7062	EMERY	8.87 Ac.	3.19 Ac.	5.68 Ac.	II
7-7063	BACKMAN ESTATE N.W. CAP CORP.	25.50 Ac.	3.16 Ac.	22.34 Ac.	II
7-7064	EERICKSON	39,340	10,094		29,246
7-7065	MET. FED. SAV. (PIERCE)	36,300	9,800		26,500
7-7066	HAUVERS	35,000	10,000		25,000
7-7067	MONCHIL	33,500	9,800		23,700
7-7068	HOUSE	12,750	21,200		34,550
7-7069	DAHL	36,400	7,200		29,200
7-7070	BRYAN	71,200	9,600		61,600
7-7071	WINSLOW	34,800	4,600		30,200
7-7072	SCHAIBLE	34,000	4,600		29,400
7-7073	JOKINEN (BROWN)	38,900	4,600		28,300
7-7074	YOEIT-YOUNG	44,000	9,200		34,800
7-7075	GLEIN (WILSON)	31,150	4,600		26,550
7-7076	INDUN ET AL. (PEDEGAN)	29,800	4,600		25,200
7-7062A	WEYERHAEUSER	0.27 Ac.	0.27 Ac.		
7-3150	KLIEN	(See Sheet 7)			

Limited Access Features Tentatively Approved June 12, 1969, by authority of Washington State Highway Commission

EXHIBIT A

Limited Access established by Commission Findings and Order issued Oct. 15, 1969

SR 90 MP 7.71 TO MP 11.73
RICHARDS ROAD TO LAKE SAMMAMISH
KING COUNTY

RIGHT OF WAY AND LIMITED ACCESS PLAN
FULLY CONTROLLED
Station LL 547+00 to Station LL 572+00

WASHINGTON STATE HIGHWAY COMMISSION
DEPARTMENT OF HIGHWAYS
OLYMPIA WASHINGTON

E. L. MERRISON
H. WALSH
BARRY FERGUSON
JOHN H. RUFF

DATE: JUNE 12, 1969

SHEET 8 OF 25 SHEETS

Designated for Limited Access Control by Commission Resolution No. 95, July 23, 1953

ACCESS NOTE:
No. 21. The privilege of access within the right of way is permitted from outside the right of way to the user designated, solely for use authorized by and subject to the conditions of the Franchise, Permit, or Agreement specified. No access will be allowed to the traveled highway lanes or ramps.

ACCESS NOTE:
PEDESTRIAN / BIKE TRAFFIC WILL BE PERMITTED ACCESS AND USE OF THE PATH DESIGNATED ON THE LEFT OF THE LL LINE BETWEEN STA. 547+00 TO LL 572+00 AND STA. LL 582+162 LT. ACCESS TO THE PATH WILL BE PERMITTED ONLY AT STA. LL 533+002 LT., LL 552+552 LT. AND LL 568+752 LT.

WILLOW RIDGE TRACTS
LEAWOOD ADD.

All Plans are subject to change
Parties seeking disclosure of current information should contact the Department of Transportation in Olympia

PARCEL NO.	NAME	TOTAL AREA	TAKE	LT. REMAINDER RT.	EASEMENT
7-07135	Brown	28,300 S.F.			6,250 S.F. †

† Drainage Easement

CITY OF BELLEVUE	STATION ON ROADWAY	TYPE
LL 547+00 TO LL 568+00 LT. PERMIT NO. NORTHROP 2319	21	

LEGEND

SCALE IN FEET
100 200 300 400

PROPERTY OWNERSHIP NUMBERS (7-1000)

ACCESS TO BE PROHIBITED SHOWN THUS

PROPERTY LINES

WASHINGTON STATE HIGHWAY DEPARTMENT (W.S.H.D.)

EXISTING STREETS

EXISTING MONUMENTS

CO-ORDINATED MONUMENTS

LETTER	DATE	DESCRIPTION	BY
Letter 6-2-95	6-30-95	Revised pedestrian/bike access note; noted pedestrian/bike path to be maintained by city	HEP
Letter 4-28-93	7-23-93	Added Pedestrian / Bike Path on LL Sta. LL 547+00 to LL 572+00; Added Ped. / Bike Access Note	R&P
Letter 3-28-91	3-21-91	Added Type 21 sup. LT Sta. LL 533+002 LT. to LL 534+002 LT. AND STA. LL 582+162 LT. ACCESS TO THE PATH WILL BE PERMITTED ONLY AT STA. LL 533+002 LT., LL 552+552 LT. AND LL 568+752 LT.	L.C.
Letter 3-30-13	4-20-13	Added drainage easement on Rt. Sta. LL 567+502, parcel 7-07135	RLS
Letter 6-27-72	7-21-72	Added Bellevue Corp. Limits	RLS
Letter 12-29-70	1-21-71	Added parcel 7-1062A, revised boundaries & areas parcels 7-1062 & 7-1063	RLS
Letter 3-28-79	4-17-70	Rev. ownership limits Parcel 7-7057	WLM
Comm. No. 10-15-69	2-5-70	Rev. exist. R/W Sta. & 568+002 LT. to Sta. LL 572+00 LT. Add parcel 7-3150	L.C.
		SUBSEQUENT APPROVAL	BY

DRAWER 82 SEQUENCE 7

11/11 5/8 2/41

DATE
BY
REVISIONS
SHEET NO. OF SHEETS
DRAWN BY
CHECKED BY
PROJECT NO.
SHEET NO. OF SHEETS

T. 24 N. R. 5 E. W.M.

KING COUNTY

REGION NO.	STATE	FED. AID PROJECT NO.	SHEET NO.
10	WASH.	I-90-1(35)B	

ACCESS EASEMENT
(King Co. School Dist #411 & State to Maintain)

OWNERSHIPS		SLOPE EASEMENT
PARCEL NO.	NAME	AREA
7-7085	LYNCH	4.57 AC.
7-7088	SCHROEDER	1.73 AC.
7-7086	DUKE	4.35 AC.
7-7087	SAVAGE	9.88 AC.
7-7089	PELZ	4.57 AC.
1-12314	SCHROEDER	1.73 AC.

NOTES:
1. For total parcel detail see sheet No. 2.
2. All bearings and distances followed by an asterisk are taken from title reports or plat maps.

OWNERSHIPS		ALL QUANTITIES IN SQ. FT. UNLESS OTHERWISE NOTED	
PARCEL NO.	NAME	TOTAL AREA	REMAINDER
7-7043	BACKMAN EST. NWCC	SEE SHEET # 8	
7-7077	CLARK ESTATE	4.98 AC.	3.59 AC.
7-7078	BLUM N.W. CAPON	20.50 AC.	18.73 AC.
7-7079	SAMMAMISH BIBLE ASS.	7.14 AC.	6.75 AC.
7-7080	K.C. SCHOOL DIST. #411	SEE SHEET # 11	
7-7081	ARMSTRONG	27,980	27,980
7-7082	BEENES (ARMSTRONG)	25,800	21,820
7-7083	HART ESTATE	23,990	22,440
7-7084	LYNCH	22,544	NOT USED
7-7085	LYNCH	22,544	NOT USED
7-7086	DUKE	4,600	NOT USED
7-7087	SAVAGE	9,880	NOT USED
7-7088	SCHROEDER	1,730	NOT USED
7-7089	PELZ	4,570	4,030
7-7083A	JOYCE	NOT USED	
7-7083B	HART ESTATE	16,990	16,615
7-708003	KING CO. SCHOOL DIST. #411	SEE SHEET NO. 11	
1-22216	SEE SHEET II		
7-3159	PRINS	2.02 AC.	
7-3160	PELZ	0.44 AC.	

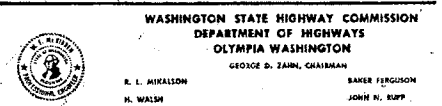
Limited Access Features Tentatively Approved June 12, 1969, by authority of Washington State Highway Commission.

EXHIBIT A

Limited Access established by Commission Findings and Order issued Oct. 15, 1969

SR 90 MP 7.71 TO MP 11.73
RICHARDS ROAD TO LAKE SAMMAMISH
KING COUNTY

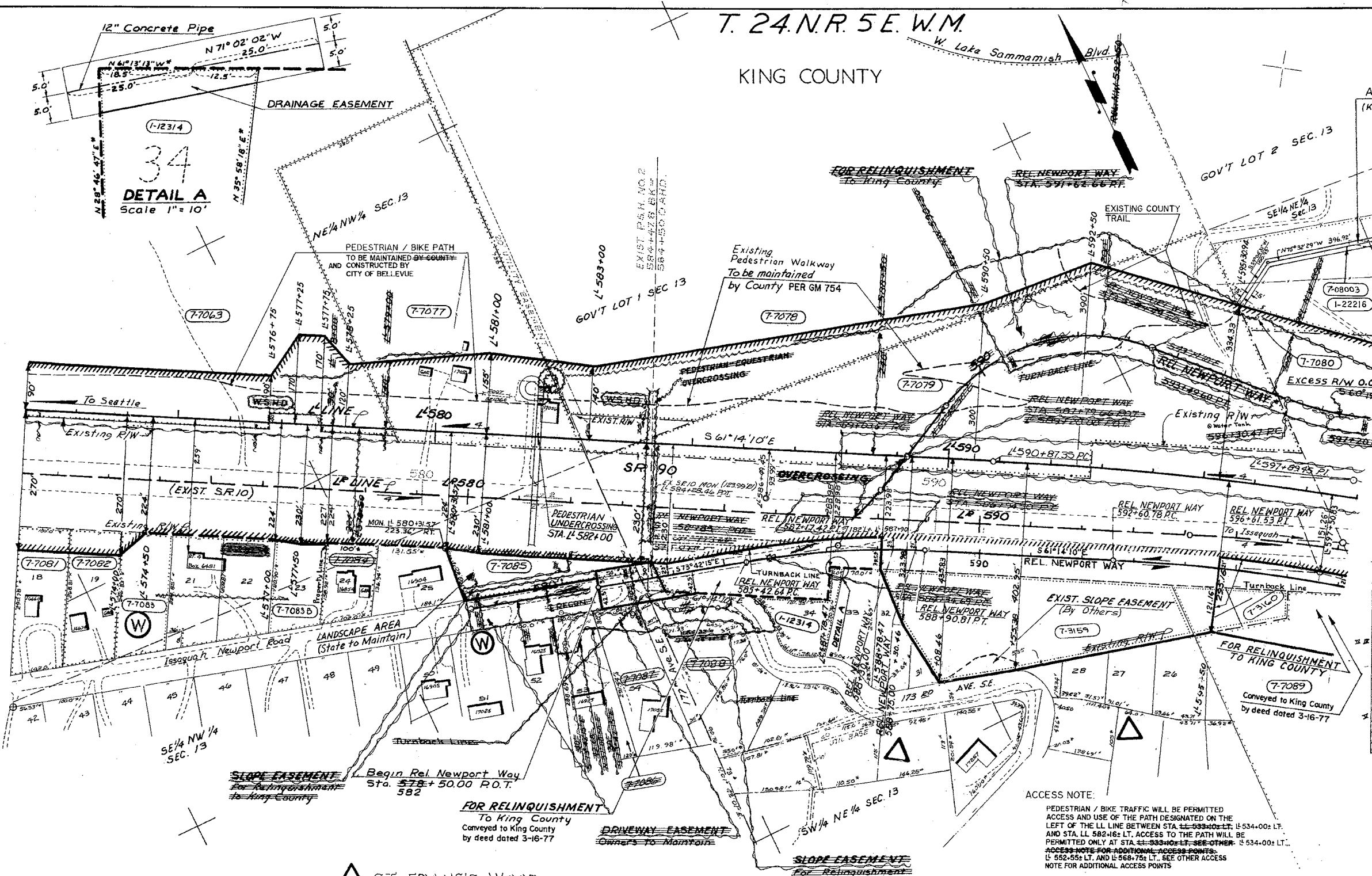
RIGHT OF WAY AND LIMITED ACCESS PLAN
FULLY CONTROLLED
Station L 572+00 to Station L 598+00



DATE: June 12, 1969

SHEET 9 OF 25 SHEETS

Designated for Limited Access Control by Commission Resolution No. 95, July 23, 1953



DETAIL A
Scale 1" = 10'

34

SLOPE EASEMENT
Begin Rel. Newport Way
Sta. 572+50.00 P.O.T.
582

FOR RELINQUISHMENT
To King County
Conveyed to King County
by deed dated 3-16-77

DRIVEWAY EASEMENT
Owners to Maintain

SLOPE EASEMENT
For Relinquishment
To King County

ACCESS NOTE:

PEDESTRIAN / BIKE TRAFFIC WILL BE PERMITTED ACCESS AND USE OF THE PATH DESIGNATED ON THE LEFT OF THE LL LINE BETWEEN STA. L 533+00 LT. AND STA. L 582+162 LT. ACCESS TO THE PATH WILL BE PERMITTED ONLY AT STA. L 582+00 LT. AND STA. L 534+00 LT. ACCESS NOTE FOR ADDITIONAL ACCESS POINTS: L 582+552 LT. AND L 588+752 LT. SEE OTHER ACCESS NOTE FOR ADDITIONAL ACCESS POINTS

ALL PLANS ARE SUBJECT TO CHANGE PARTIES SEEKING PRECISE, CURRENT INFORMATION SHOULD CONSULT THE OFFICIAL PLAN ON FILE IN THE DEPT. OF TRANSPORTATION IN OLYMPIA.

ACCESS NOTE:
Pedestrian and equestrian traffic will be permitted under the highway structures at Sta. L 582+50, entering the right of way on the left at Sta. L 583+50 and on the right at Sta. L 587+00.

Pedestrian traffic will be permitted over the highway structure at Sta. L 582+00 entering the right of way on the left at Sta. L 582+25 and L 595+50 and Sta. L 582+00 on the right L 591+30

REFERENCE	AUTHORITY	DATE	SUBSEQUENT APPROVAL
Letter 9-08-05	9-23-05	Added parcel 1-22216	HEP
Letter 6-2-05	6-30-05	Revised pedestrian/bike access note; noted pedestrian/bike path to be maintained by city	HEP
Letter 4-28-93	7-23-93	Added Pedestrian / Bike Path on Lt. Sta. LL 572+00 to LL 582+162; Revised Pedestrian Undercrossing on Lt. Sta. LL 582+00; Revised location of Pedestrian Walkway on Lt. Sta. LL 582+162 to LL 595+31; Added Ped. / Bike Access Note	R&S
Letter 10-31-84	7-21-85	Added Detail A, Pl. 1-12314, Drainage Easement, Sta. L 582+7847 to L 598+00 on R/W	SRT
Letter 3-21-83	4-25-83	Revised pedestrian traffic entering R/W from L 590+25 Lt. to L 592+60 Lt.	RLS
Letter 9-25-76	10-1-76	Revised access agreement on L 590+25 to L 598+00; parcel 7-708003, revised ped. traffic entering R/W from L 595+50 to L 595+31 on L 592+60	CV
Letter 11-20-75	12-26-75	Revised access agreement on L 590+25 to L 598+00; parcel 7-708003, revised ped. traffic entering R/W from L 595+50 to L 595+31 on L 592+60	RLS
Letter 7-19-73	8-3-73	Revised access agreement, parcel 7-7089	WLM
Letter 9-28-71	11-5-71	Deleted pedestrian request on King L 588+00, added ped. using L 582+00, ped. traffic permitted to enter R/W L 590+25 to L 598+00; L 582+00 on R/W, deleted parcel 7-7089	RLS
Letter 2-4-71	2-25-71	Revised R/W vicinity Sta. L 578+00 on R/W, deleted parcel 7-7089	WLM
Letter 3-26-70	4-17-70	Revised ownership parcel 7-7083, Added parcels 7-7083A & 7-7083B	WLM
Comm. Ex. 10-15-69	2-5-70	Revised access agreement on L 590+25 to L 598+00; parcel 7-7089	WLM
Comm. Ex. 10-15-69	2-5-70	Revised access agreement on L 590+25 to L 598+00; parcel 7-7089	T.G.

LEGEND

- SCALE IN FEET
- PROPERTY OWNERSHIP NUMBERS (T-1000)
- ACCESS TO BE PROHIBITED SHOWN THUS
- PROPERTY LINES
- WASHINGTON STATE HIGHWAY DEPT. (W.S.H.D.)
- EXISTING STREETS
- EXISTING MONUMENTS
- CO-ORDINATED MONUMENTS

CURVE DATA

PI STATION	Δ	CA	D	R	T	L
L 597+89.45	11° 27' 19" R		700.00	702.10	1399.53	
R.N.W. 587+74.2	12° 28' 05" R		1800.00	174.78	348.17	
R.N.W. 596+61.53	15° 13' 03" R		3000.00	400.73	796.79	

SR 90 RICHARDS ROAD TO LAKE SAMMAMISH
KING COUNTY CS 17060
L-2059
DATE: 6/12/69
DRAWN BY: J. STORVICK
CHECKED BY: J. STORVICK
PROJECT ENGINEER: J. STORVICK
SHEET 9 OF 25 SHEETS

T.24N., R.5E., W.M.

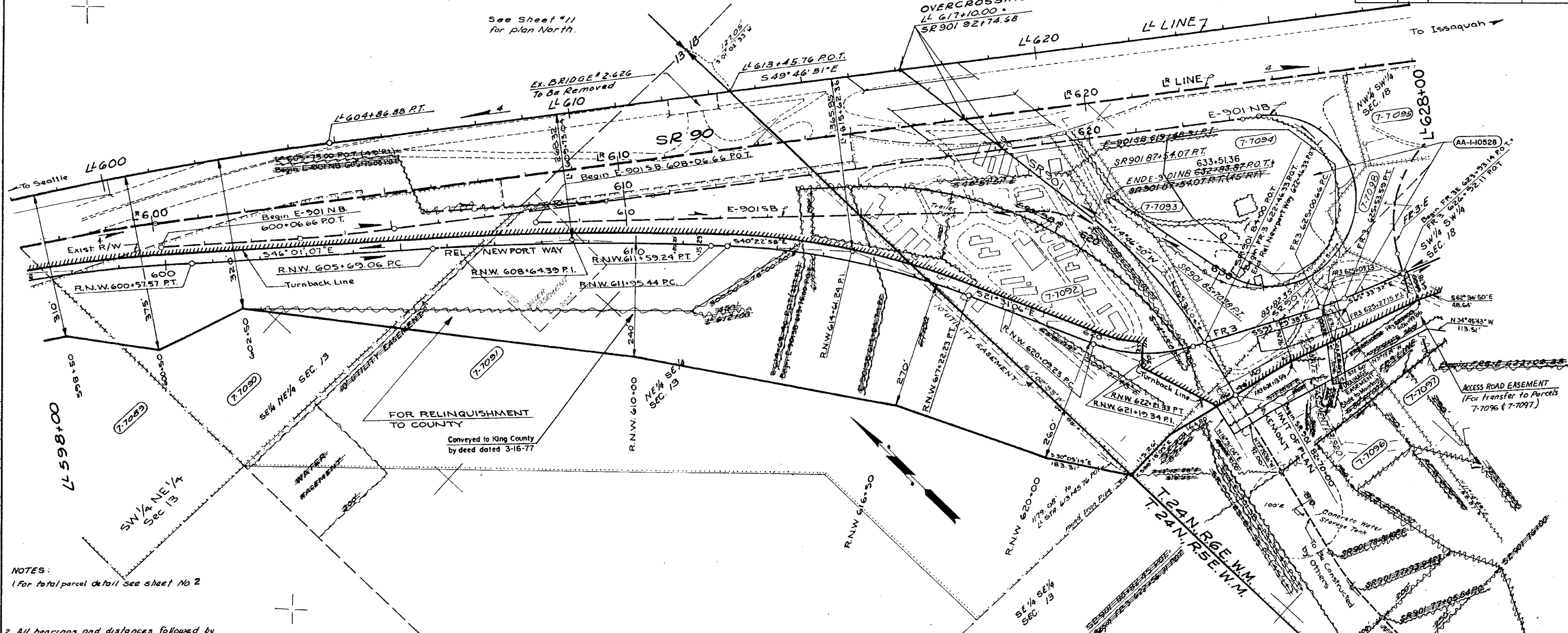
KING CO.

T.24N. R.6E., W.M.

SR 901 INTERCHANGE

REGION NO.	STATE	FED. AID PROJECT NO.	SHEET NO.
10	WASH.	1-90-1(35)8	

See Sheet #11 for plan North.



DATE	BY

PROJECT	DATE	BY

DATE	BY

NOTES:
 1. For total parcel detail see sheet No 2
 2. All bearings and distances followed by an asterisk are taken from title reports or plat maps.

CITY OF BELLEVUE	FR3 623+55: RT. TO FR3 625+45: RT.	AA-I-10528	C
CITY OF BELLEVUE	E-90NB 631+25: RT.	AA-I-10528	C-9
SPECIFIED USER	STATION ON ROADWAY		TYPE

ACCESS NOTES:
 TYPE C APPROACH IS AN OFF AND ON APPROACH IN LEGAL MANNER, FOR SPECIAL PURPOSE AND WIDTH TO BE AGREED UPON IT MAY BE SPECIFIED AT A POINT SATISFACTORY TO THE STATE AT OR BETWEEN DESIGNATED HIGHWAY STATIONS.
 NO. 9 THIS APPROACH SHALL BE GATED AND LOCKED WHEN NOT IN USE.

Limited Access Features Tentatively Approved June 12, 1969, by authority of Washington State Highway Commission

EXHIBIT A
 Limited Access established by Commission Findings and Order issued Oct. 15, 1969

R.N.W.	Bearing	Distance	Area	Area	Area
R.N.W. 621+19.34	37°58'31" E	320.00'	110.11'	212.10'	
R.N.W. 614+41.24	18°51'52" E	1,600.00'	265.80'	526.79'	
R.N.W. 608+64.35	5°38'09" E	6,000.00'	295.33'	590.18'	
FR3 625+27.15	6°03'54" E	500.00'	26.49'	52.93'	
L 597+89.45	11°21'19" E	7,000.00'	702.10'	1399.53'	
SR 901 85+70.38	21°17'34" E	1,000.00'	188.03'	371.73'	
SR 901 77+95.94	11°23'40" E	700.00'	86.40'	173.86'	
SR 901 58+69.38	11°40'50" E	1,000.00'	143.57'	287.14'	

PARCEL No.	NAME	TOTAL AREA		REMAINDER		SLOPE EASEMENT	DRAINAGE EASEMENT	ACCESS RD. EASEMENT
		Ac.	Sq. Ft.	Ac.	Sq. Ft.			
7-1089	PELZ	SEE SHEET 9						
7-1090	LAUMAN	6.49	4.44	2.05	1.41			
7-1091	COUGAR MTN. (ARONOV ET AL)	20.42	9.84	10.58	7.66			
7-1092	WALLACE (WELLONS EST)	6.43	6.43					
7-1093	3/4 INT. WALLACE (WELLONS EST)*	38.320	38.320					
7-1094	MANDIC	4.95	4.95					
7-1095	HILL	1.61	1.61					
7-1096	ANDERSON (MURDOCH)	14.27	0.19	14.08	0.19	0.06	0.45	
7-1097	MURDOCH	4.06	0.89	3.17	0.89		0.46	
7-1098	FOX (FRANGO)	15.44	3.62	11.82	3.62	0.15		

LEGEND
 SCALE IN FEET
 PROPERTY OWNERSHIP NUMBERS (7-1000)
 ACCESS TO BE PROHIBITED SHOWN THUS [diagonal lines]
 PROPERTY LINES
 WASHINGTON STATE HIGHWAY DEPARTMENT (W.S.H.D.)
 EXISTING STREET
 EXISTING MONUMENTS
 CO-ORDINATED MONUMENTS

REF.	AUTHORITY	DATE	DESCRIPTION	BY
	Letter 6-13-96	9-13-96	Added Airspace Lease AA-I-10528 on Rt. Vic. Sta. FR3 624+00 and on Rt. Vic. E-90NB 631+25; Revised E-90NB Line Beginning at Sta. E-90NB 623+00; Added Type C Access Approach Sta. FR3 623+55: RT. to FR3 625+45: RT. and Type C-9 Sta. E-90NB 631+25: RT.	
	Letter 9-29-76	Cal 10-1-76	Revised 9-29-76	
	Letter 3-16-71	4-9-71	Noted property conveyed to King County by deed dated 3-16-77	CV
	Comm. Res. 2265	11-5-70	Revised R/W L.A. access rd. & drainage easements FR3 623+00 to FR3 621+50 on Rt. Vic. Sta. E-90NB 631+25: RT.	R/S
	Letter 6-15-70	7-2-70	Revised R/W L.A. access rd. & drainage easement FR3 623+00 to FR3 621+50 on Rt. Vic. Sta. E-90NB 631+25: RT.	R/S
	Comm. Res. 10-15-69	2-5-70	Revised R/W L.A. access rd. & drainage easements FR3 623+00 to FR3 621+50 on Rt. Vic. Sta. E-90NB 631+25: RT.	R/S

SR 90 MP 7.71 TO MP 11.73
 RICHARDS ROAD TO LAKE SAMMAMISH
 KING COUNTY
 RIGHT OF WAY AND LIMITED ACCESS PLAN FULLY CONTROLLED
 SR 90-L-598+00 to L-628+00-SR 901-74+32.35 to 92+74.68

WASHINGTON STATE HIGHWAY COMMISSION
 DEPARTMENT OF HIGHWAYS
 OLYMPIA WASHINGTON

W.S.H.C.
 WASHINGTON STATE HIGHWAY COMMISSION
 DEPARTMENT OF HIGHWAYS
 OLYMPIA WASHINGTON

JUNE 12, 1969

SHEET 10 OF 25 SHEETS
 Submitted for Limited Access Control by Commission Resolution No. 95, July 23, 1953

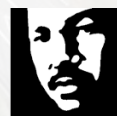


CITY OF BELLEVUE

TRANSPORTATION DEPARTMENT

MOUNTAINS TO SOUND GREENWAY TRAIL STUDY: APPENDICES

DECEMBER 2012



King County



JESSICA STEIN

