GALLATIN COUNTY INTERSECTION IMPROVEMENTS

APPENDIX F:

Alaska Rd S Corridor Configurations

ALASKA RD S / CAMERON BRIDGE RD

F-1: Preliminary Design Concepts

F-2: Preliminary Cost Estimates


ALASKA RD S / E VALLEY CENTER RD


LOVE LN / DURSTON RD

GALLATIN COUNTY INTERSECTION IMPROVEMENTS

APPENDIX F-1:

Preliminary Design Concepts

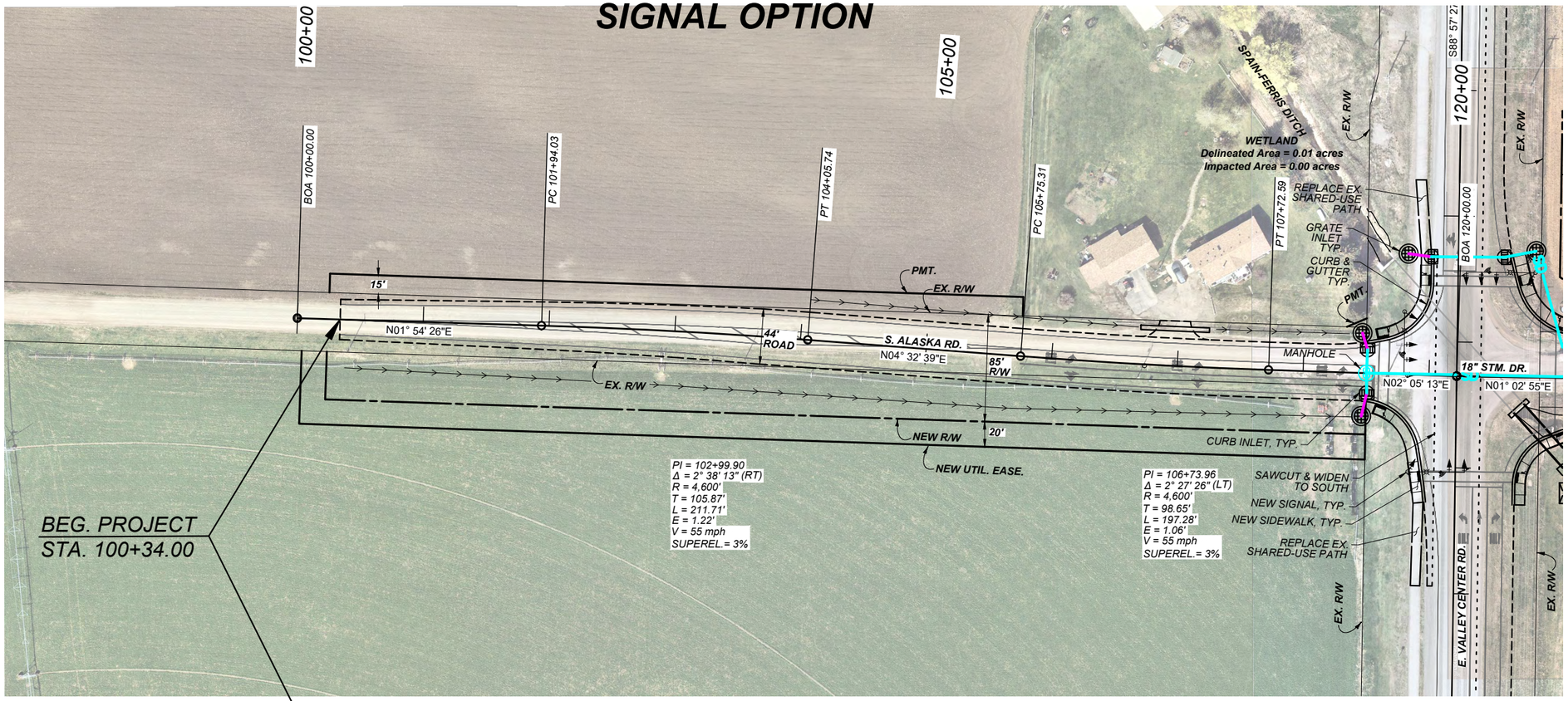
ALASKA RD S / CAMERON BRIDGE RD

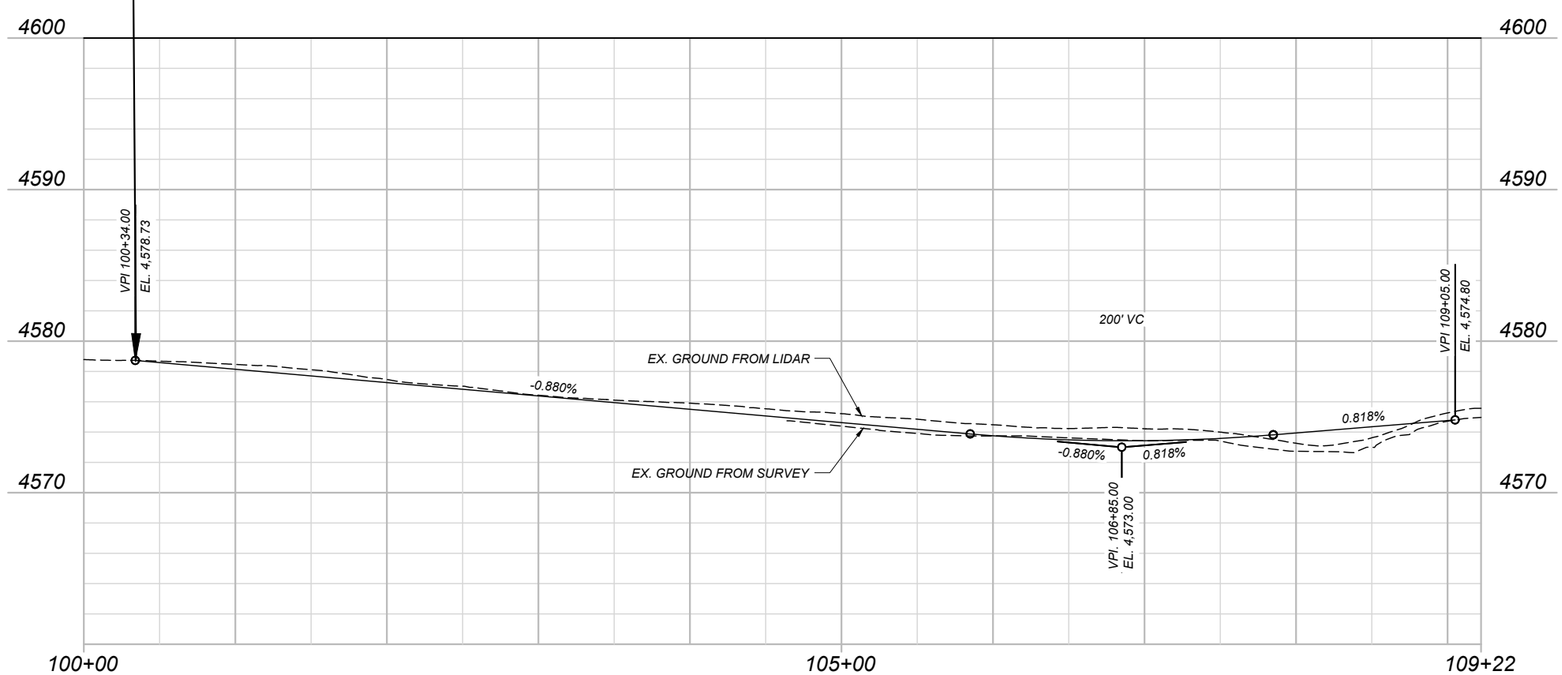
ALASKA RD S / E VALLEY CENTER RD

LOVE LN / DURSTON RD

PRELIMINARY

SIGNAL OPTION





SHEET NO.
S-1

ALASKA ROAD
SIGNAL OPTION

PROJECT NAME: ALASKA ROAD
COUNTY: GALLATIN COUNTY
PROJECT ID
UPN

DESIGNED BY ##### ####
REVIEWED BY ##### ####
CHECKED BY ##### ####

MONTANA Department of Transportation

EXHIBITS

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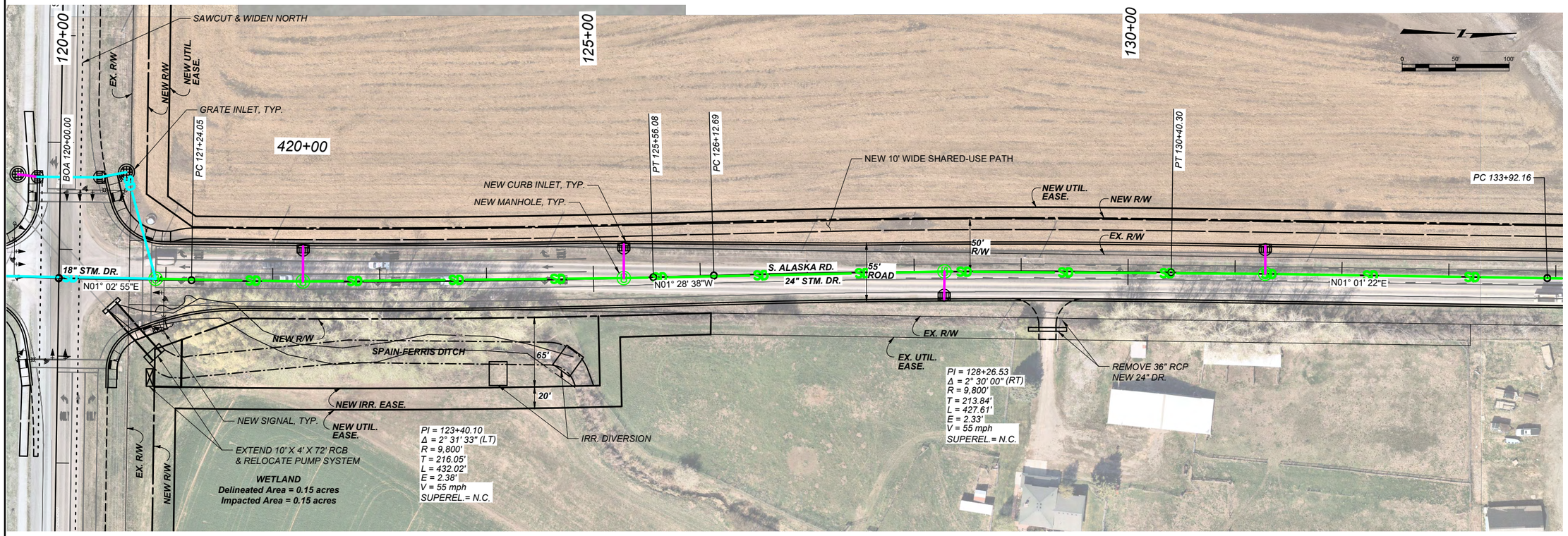
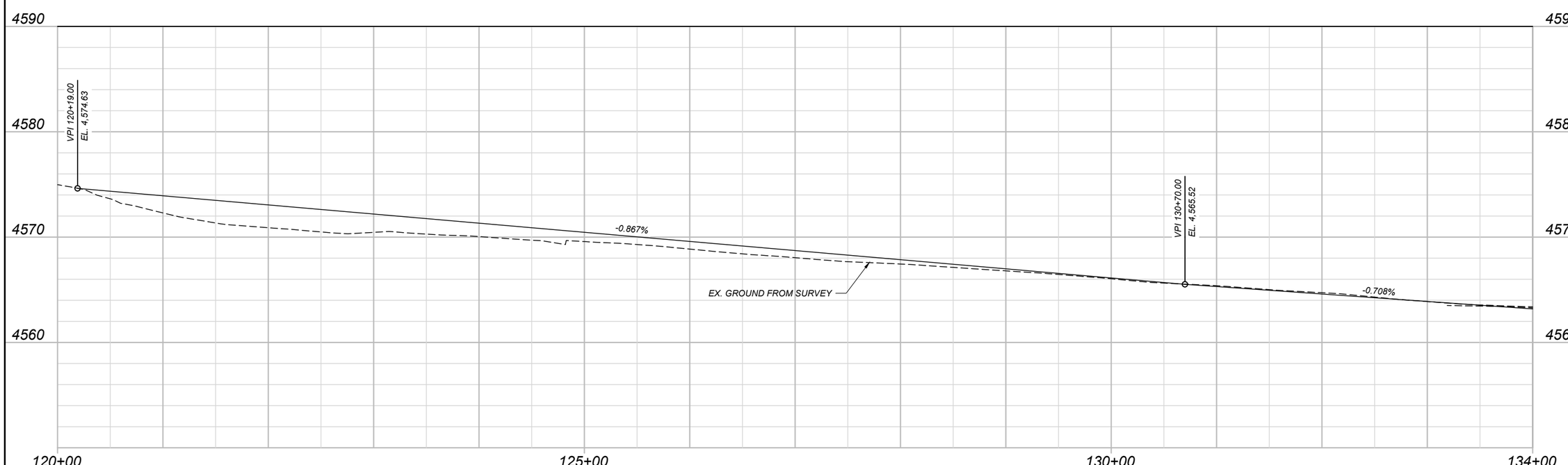
SIGNAL OPTION

PRELIMINARY





SHEET NO.
S-2

ALASKA ROAD
SIGNAL OPTION

PROJECT NAME: ALASKA ROAD
COUNTY: GALLATIN COUNTY
PROJECT ID
UPN

DESIGNED BY ##### ####
REVIEWED BY ##### ####
CHECKED BY ##### ####

MONTANA Department of Transportation

EXHIBITS

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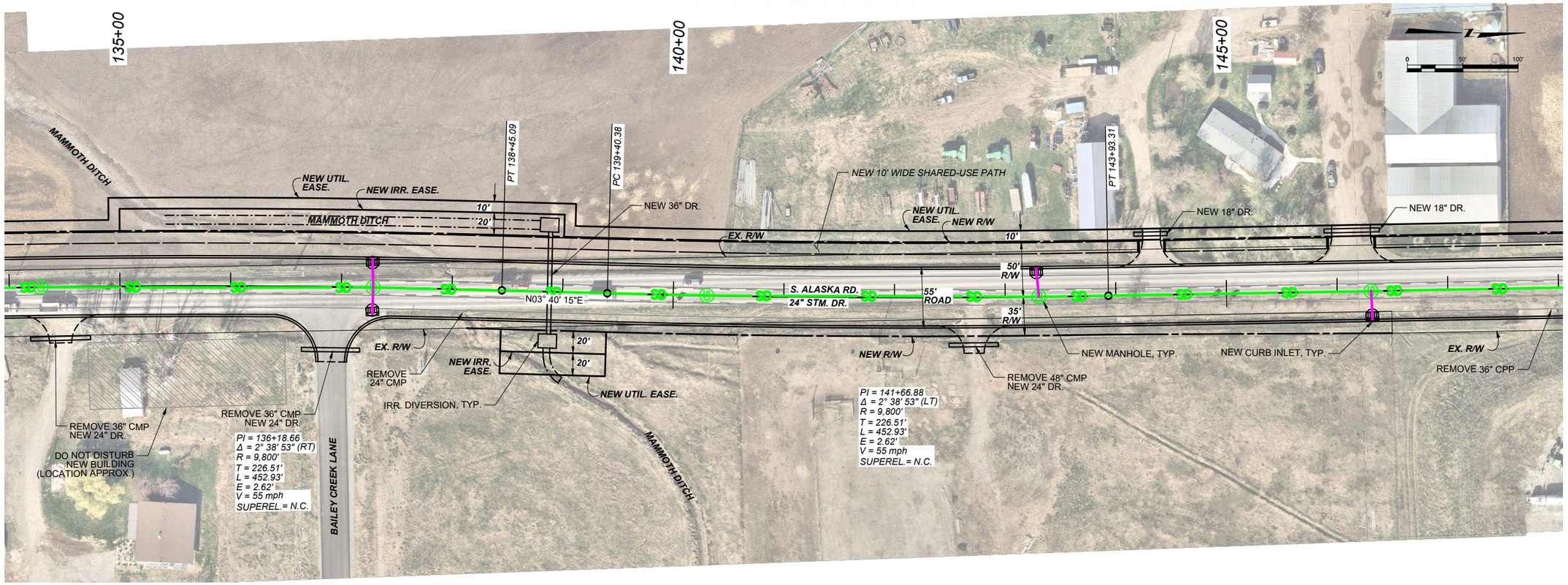
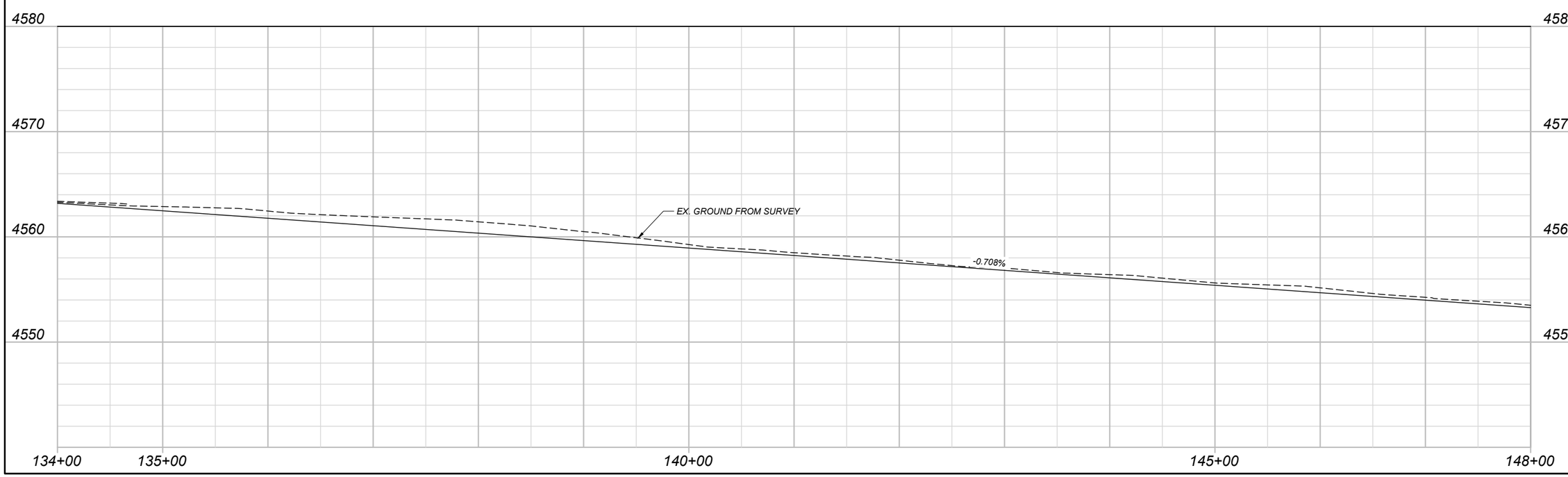
PRELIMINARY

SIGNAL OPTION





SHEET NO.
S-3

ALASKA ROAD
SIGNAL OPTION

PROJECT NAME: ALASKA ROAD
COUNTY: GALLATIN COUNTY
PROJECT ID
UPN

DESIGNED BY ### ###
REVIEWED BY ### ###
CHECKED BY ### ###

MONTANA
Department of Transportation

EXHIBITS

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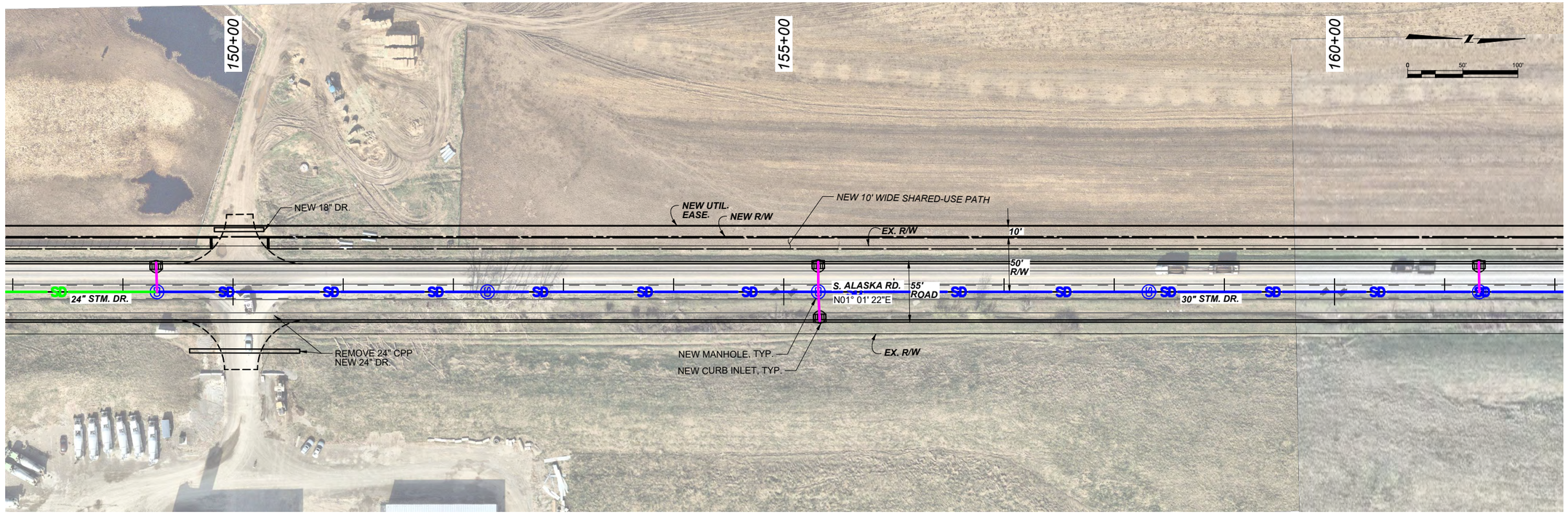
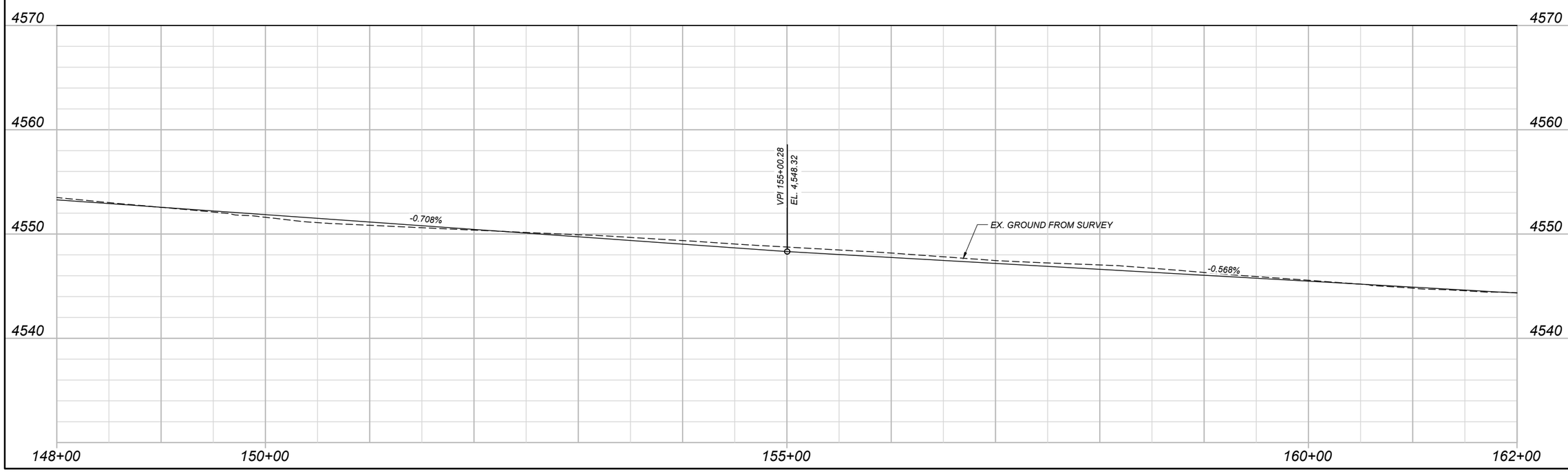
PRELIMINARY

SIGNAL OPTION





SHEET NO.
S-4

ALASKA ROAD
SIGNAL OPTION

PROJECT NAME: ALASKA ROAD
COUNTY: GALLATIN COUNTY
PROJECT ID
UPN

DESIGNED BY #### ####
REVIEWED BY #### ####
CHECKED BY #### ####

MONTANA
Department of Transportation

EXHIBITS

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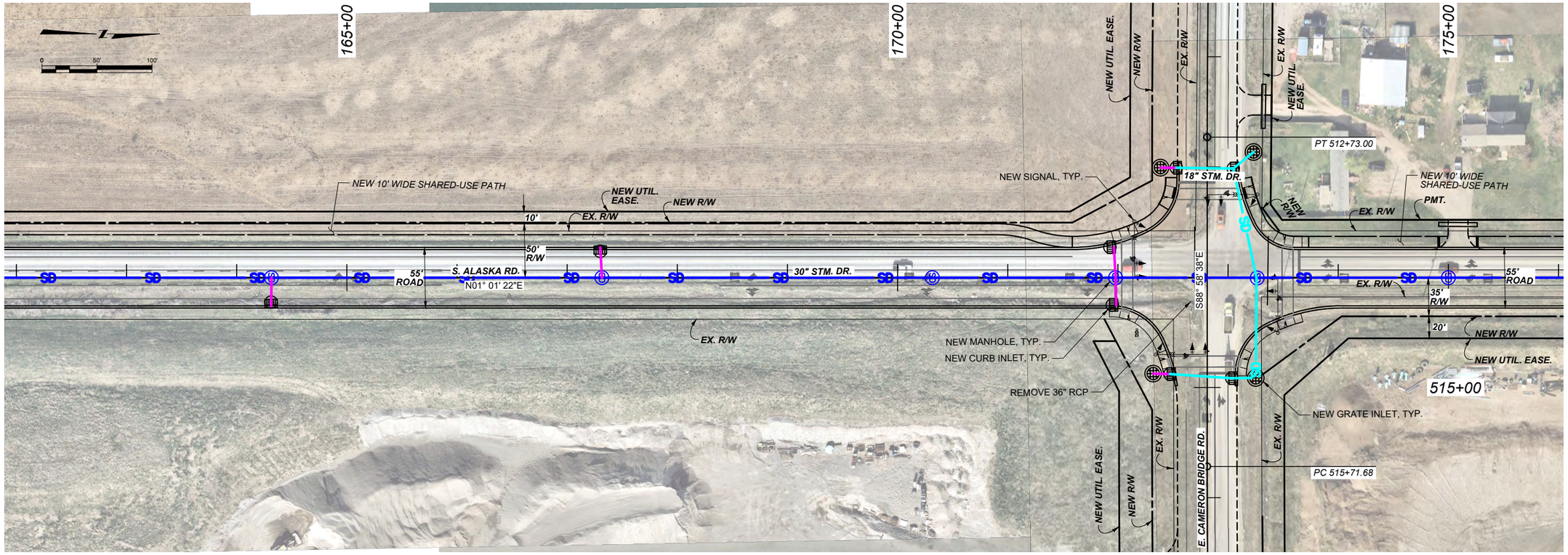
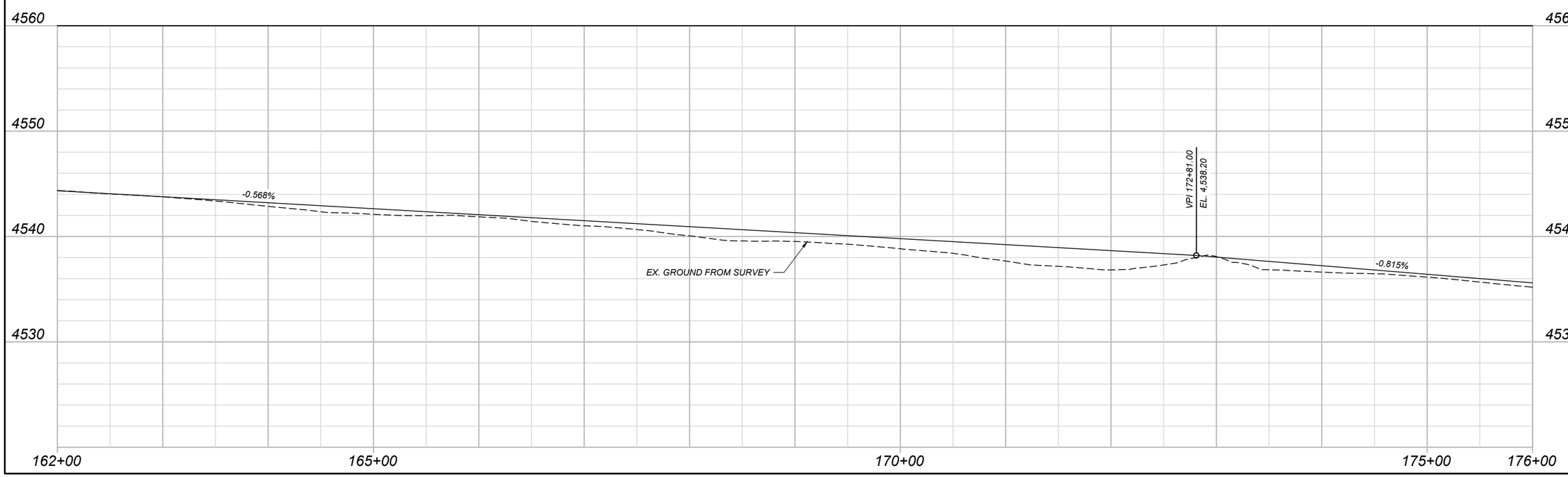
SIGNAL OPTION

PRELIMINARY





SHEET NO.
S-5

ALASKA ROAD
SIGNAL OPTION

PROJECT NAME: ALASKA ROAD
COUNTY: GALLATIN COUNTY
PROJECT ID
UPN

DESIGNED BY ### ###
REVIEWED BY ### ###
CHECKED BY ### ###

MONTANA Department of Transportation

EXHIBITS

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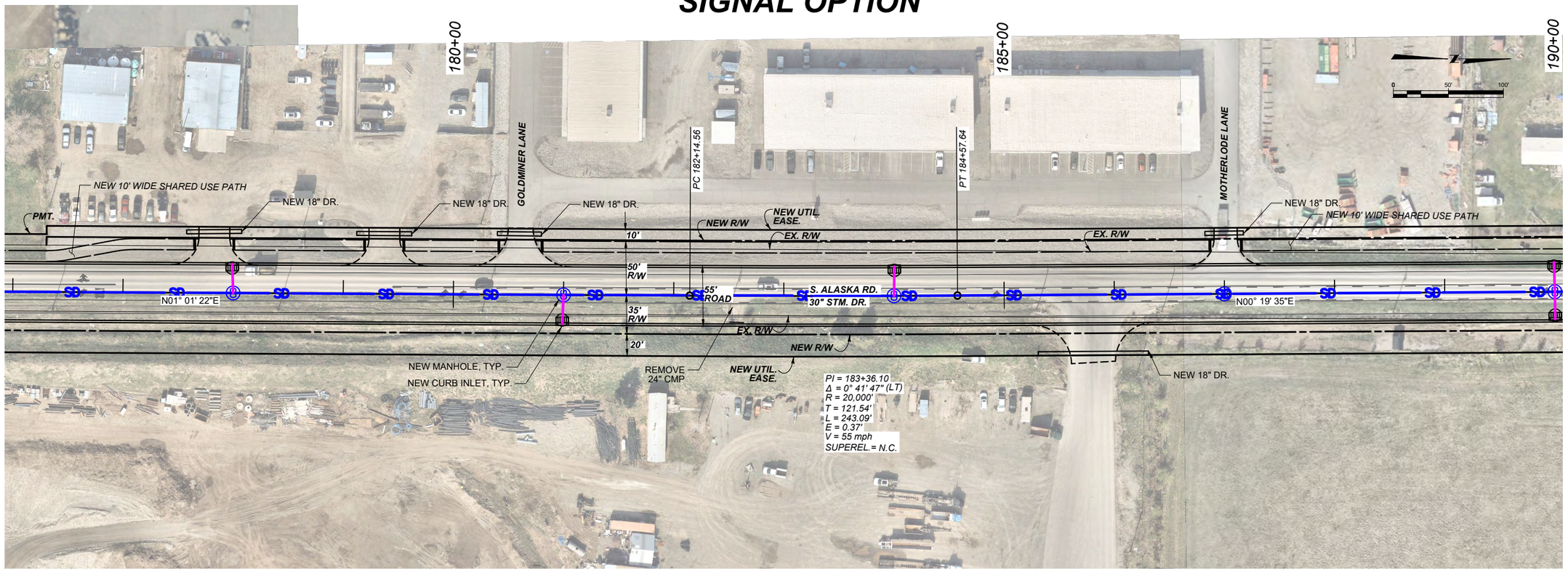
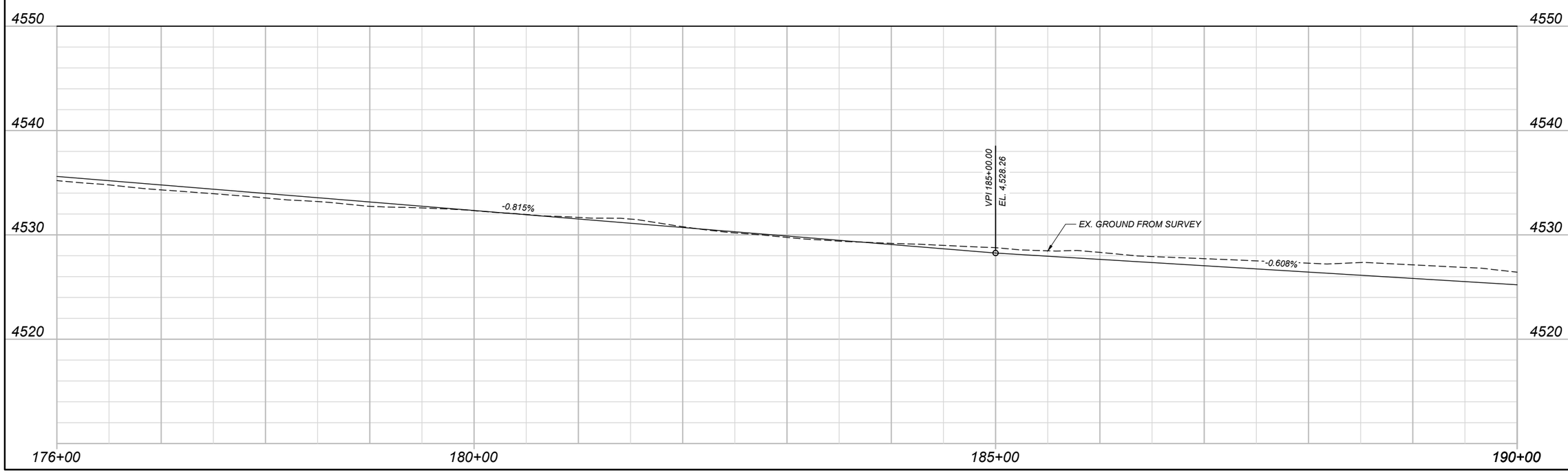
PRELIMINARY

SIGNAL OPTION





SHEET NO.
S-6

ALASKA ROAD
SIGNAL OPTION

PROJECT NAME: ALASKA ROAD
COUNTY: GALLATIN COUNTY
PROJECT ID
UPN

DESIGNED BY ### ###
REVIEWED BY ### ###
CHECKED BY ### ###

23602RDPLPSIG.DWG

MONTANA Department of Transportation

EXHIBITS

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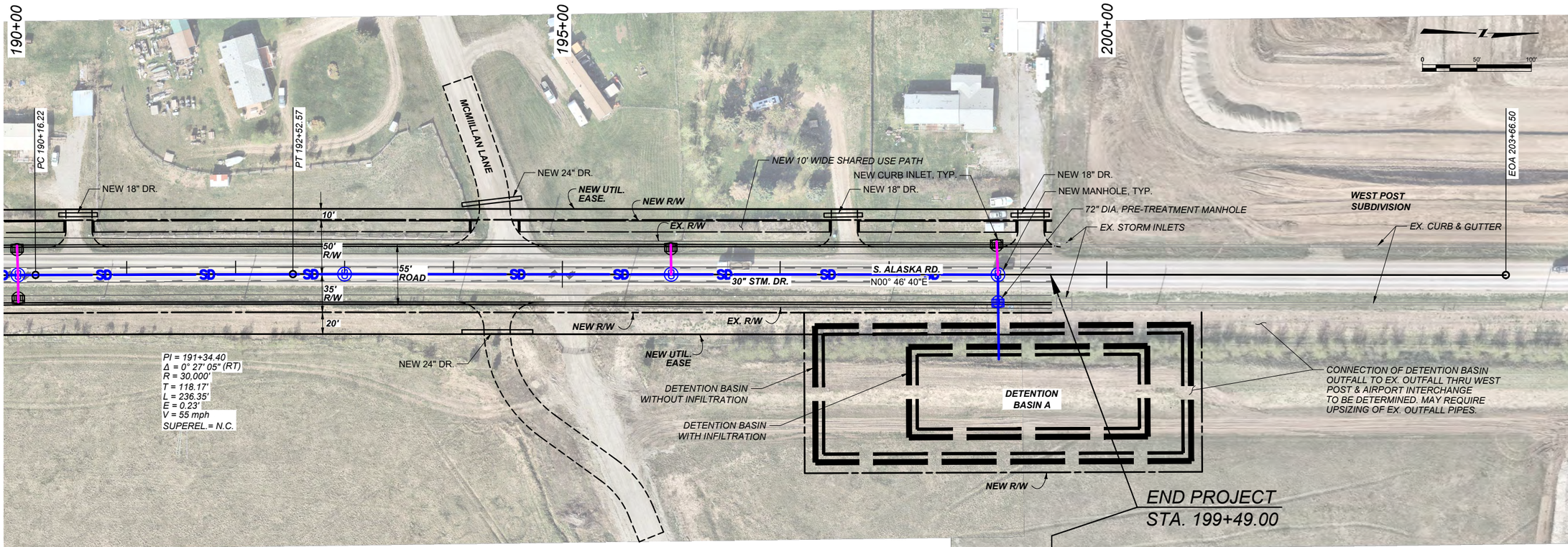
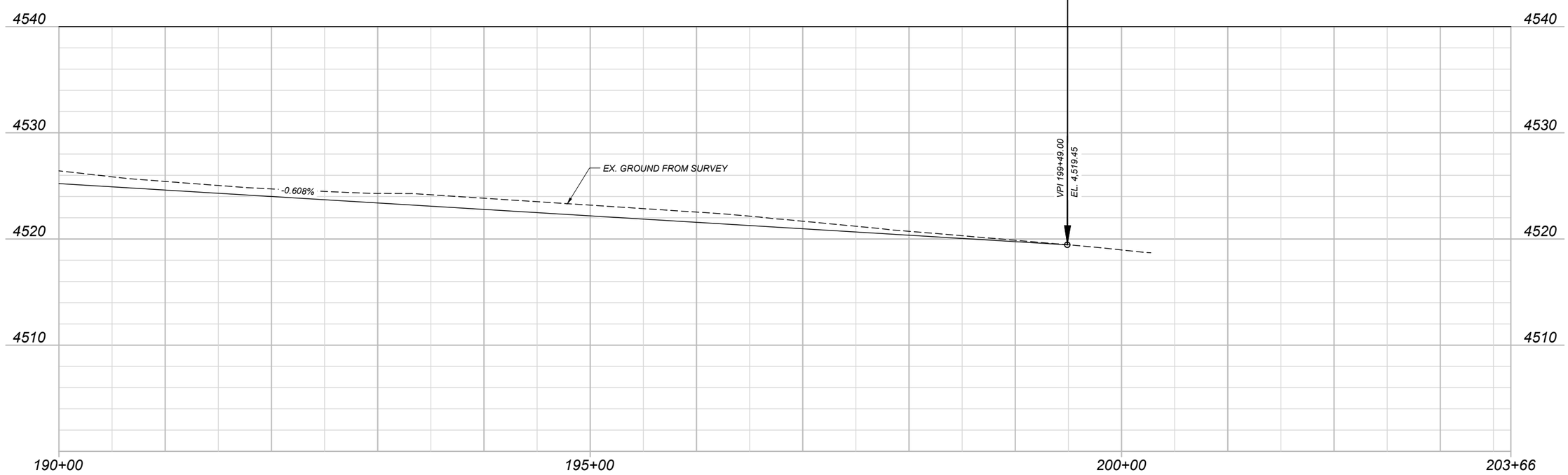
PRELIMINARY

SIGNAL OPTION





SHEET NO.
S-7

ALASKA ROAD
SIGNAL OPTION

PROJECT NAME: ALASKA ROAD
COUNTY: GALLATIN COUNTY
PROJECT ID
UPN

DESIGNED BY ##### #####
REVIEWED BY ##### #####
CHECKED BY ##### #####

MONTANA Department of Transportation

EXHIBITS

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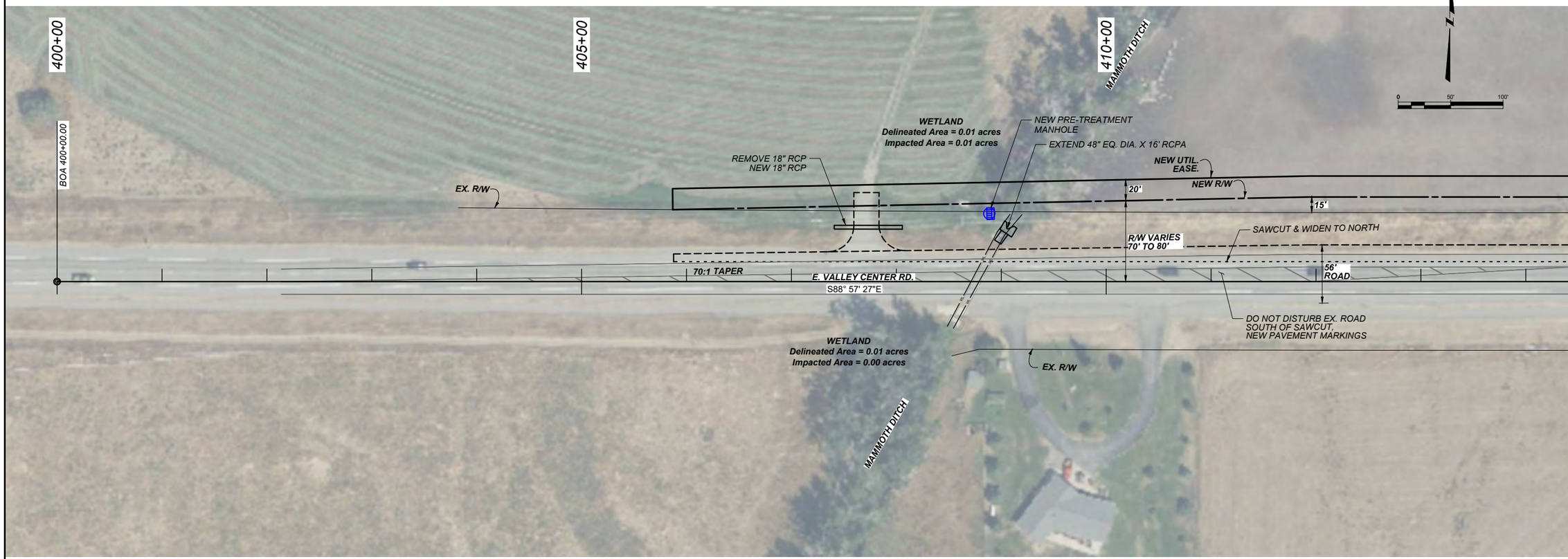
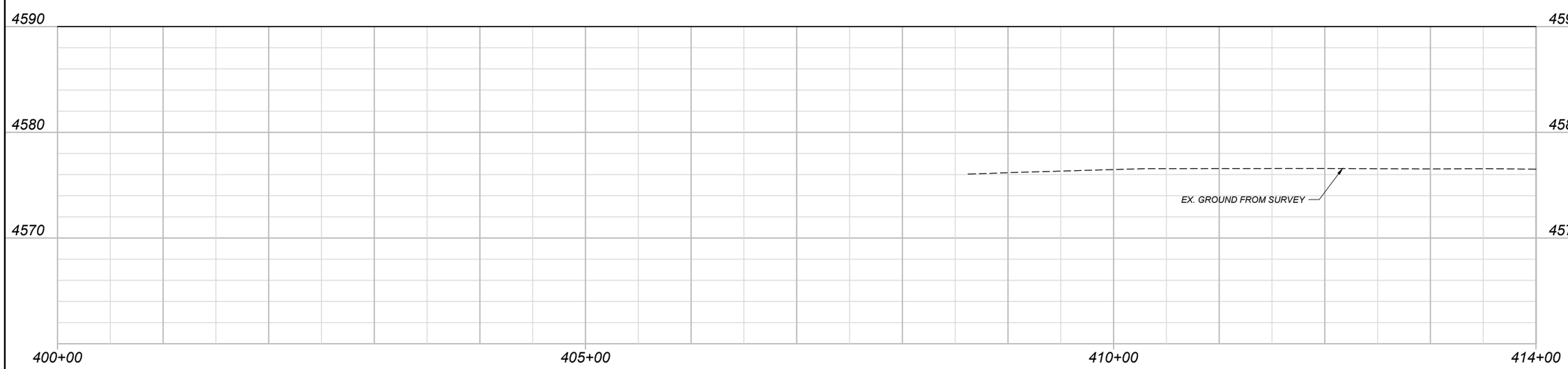
SIGNAL OPTION

PRELIMINARY





SHEET NO.
S-8

VALLEY CENTER ROAD
SIGNAL OPTION

PROJECT NAME: ALASKA ROAD
COUNTY: GALLATIN
PROJECT ID:
UPN:

DESIGNED BY: SV DEC. 2024
REVIEWED BY: ##### #####
CHECKED BY: AG DEC. 2024

23602RDPLPSIG.DWG

MONTANA
Department of Transportation

EXHIBITS

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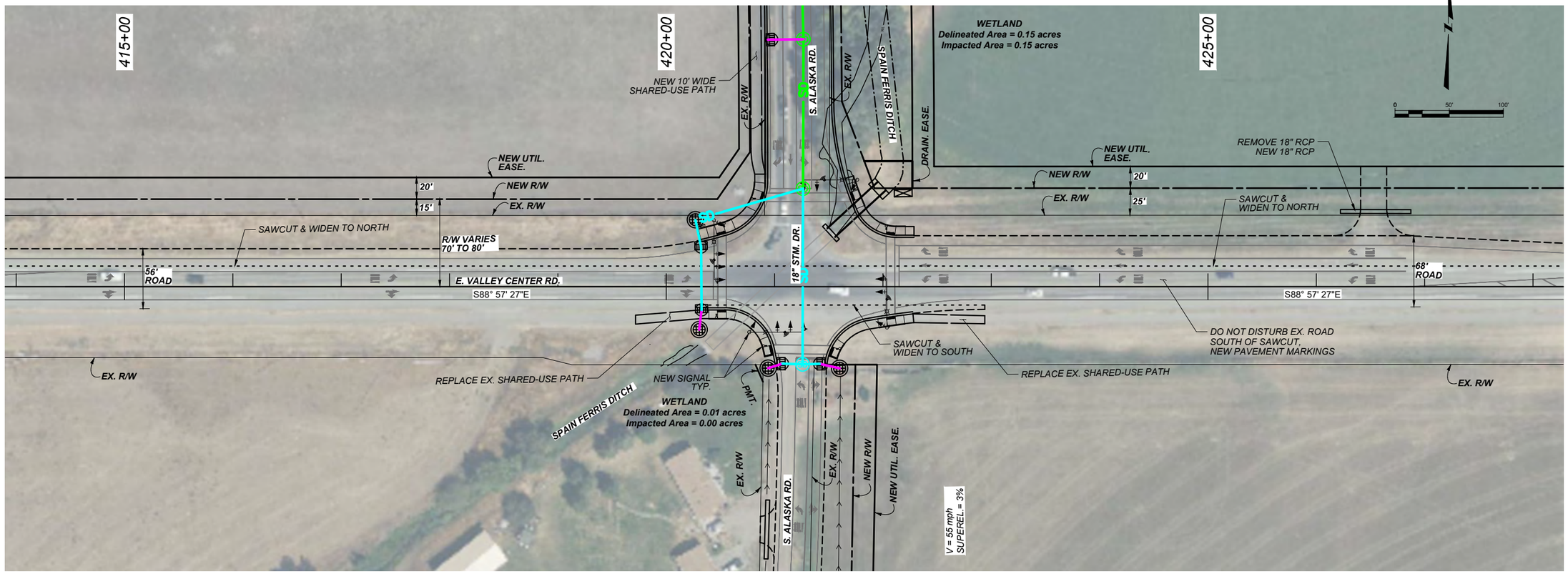
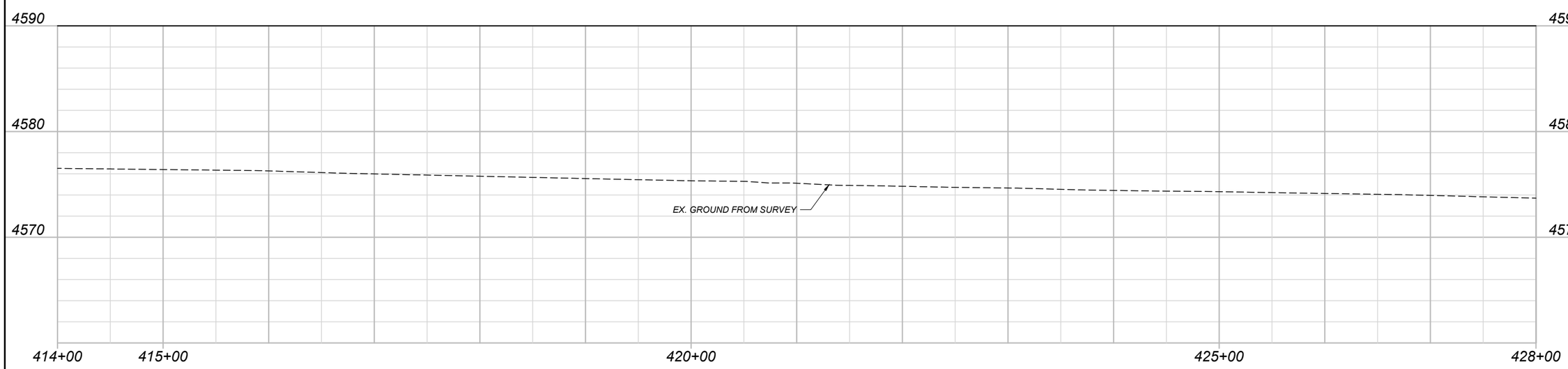
SIGNAL OPTION

PRELIMINARY





SHEET NO.
S-9

VALLEY CENTER ROAD
SIGNAL OPTION

PROJECT NAME: ALASKA ROAD
COUNTY: GALLATIN
PROJECT ID: ##
UPN: ##

DESIGNED BY: SV ##
REVIEWED BY: ##### #####
CHECKED BY: AG ##

MONTANA Department of Transportation

EXHIBITS

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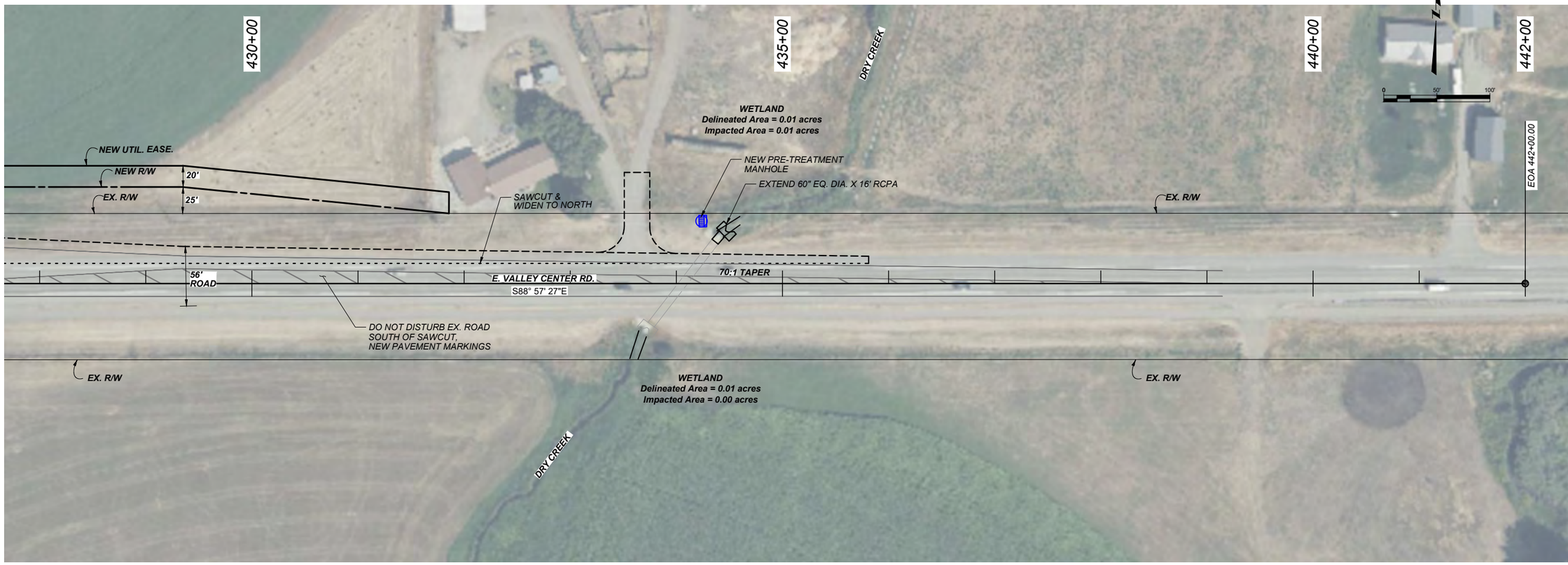
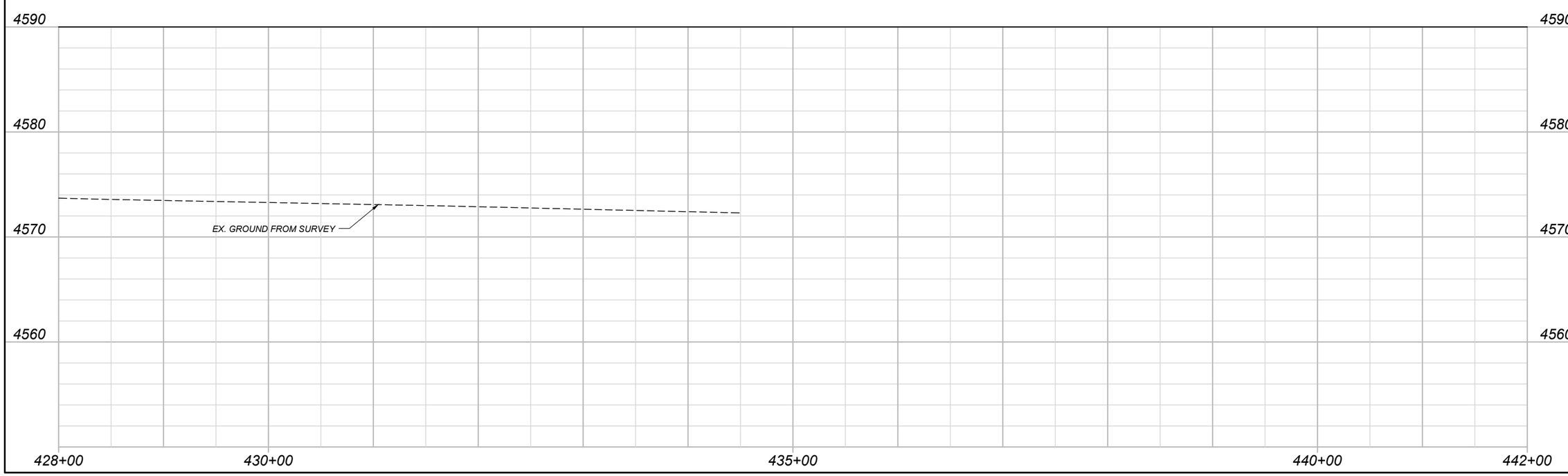
SIGNAL OPTION

PRELIMINARY





SHEET NO.
S-10

VALLEY CENTER ROAD
SIGNAL OPTION

PROJECT NAME: ALASKA ROAD
COUNTY: GALLATIN
PROJECT ID
UPN

DESIGNED BY	SV	DEC. 2024	
REVIEWED BY	#####	#####	
CHECKED BY	AG	DEC. 2024	

MONTANA
Department of Transportation

EXHIBITS

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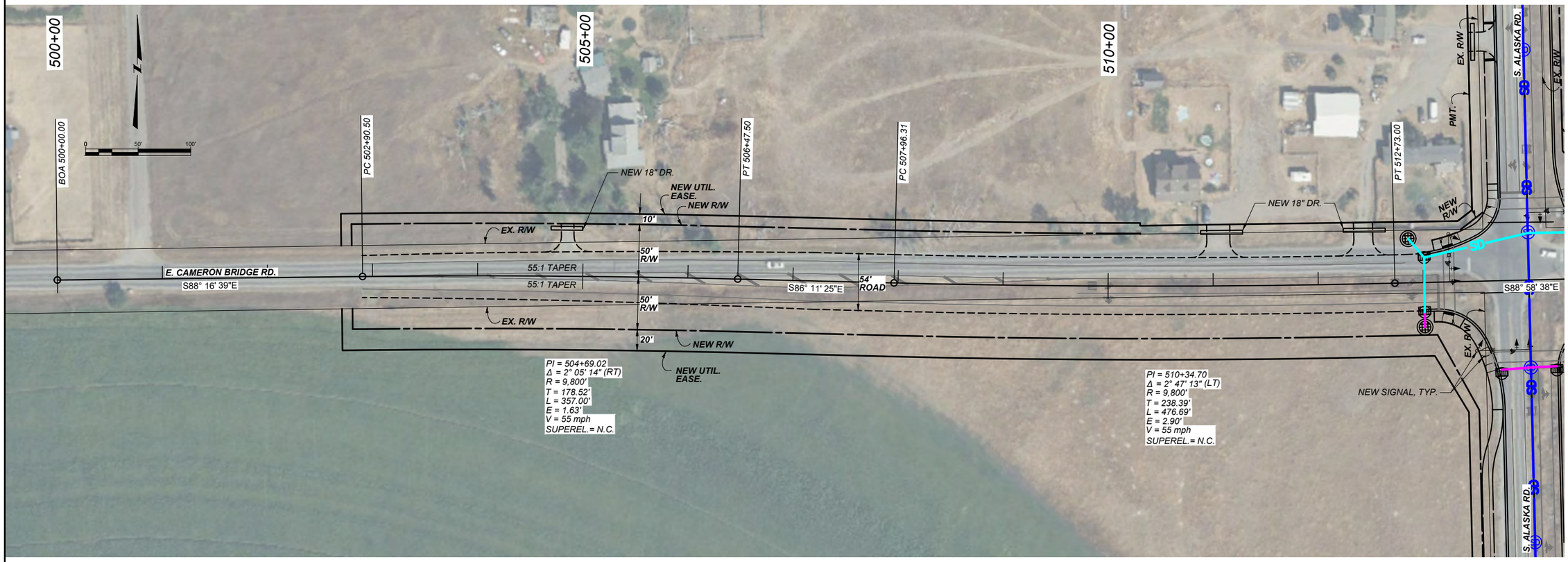
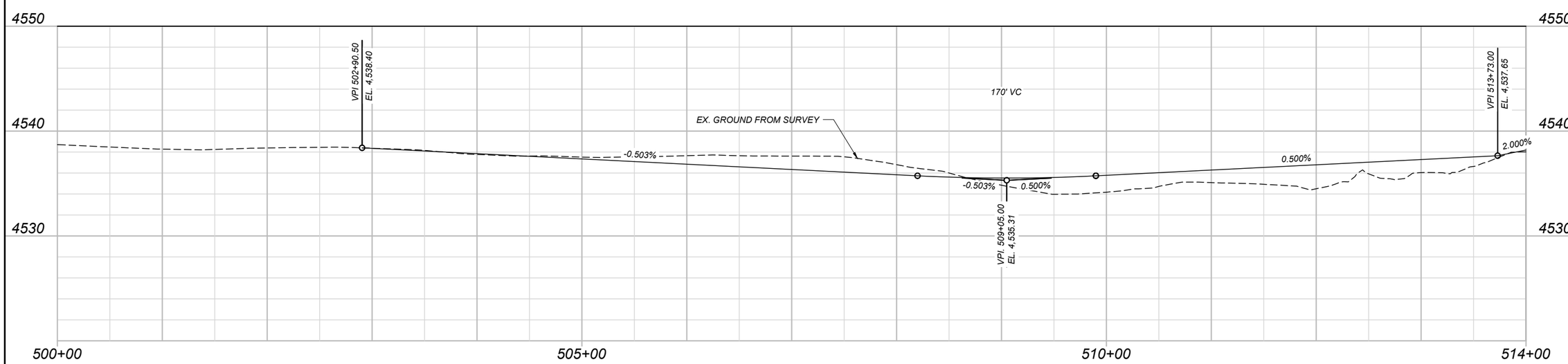
PRELIMINARY

SIGNAL OPTION





SHEET NO.
S-11

CAMERON BRIDGE ROAD
SIGNAL OPTION

PROJECT NAME: ALASKA ROAD
COUNTY: GALLATIN
PROJECT ID:
UPN:

DESIGNED BY ### ###
REVIEWED BY ##### #####
CHECKED BY ### ###

MONTANA Department of Transportation

EXHIBITS

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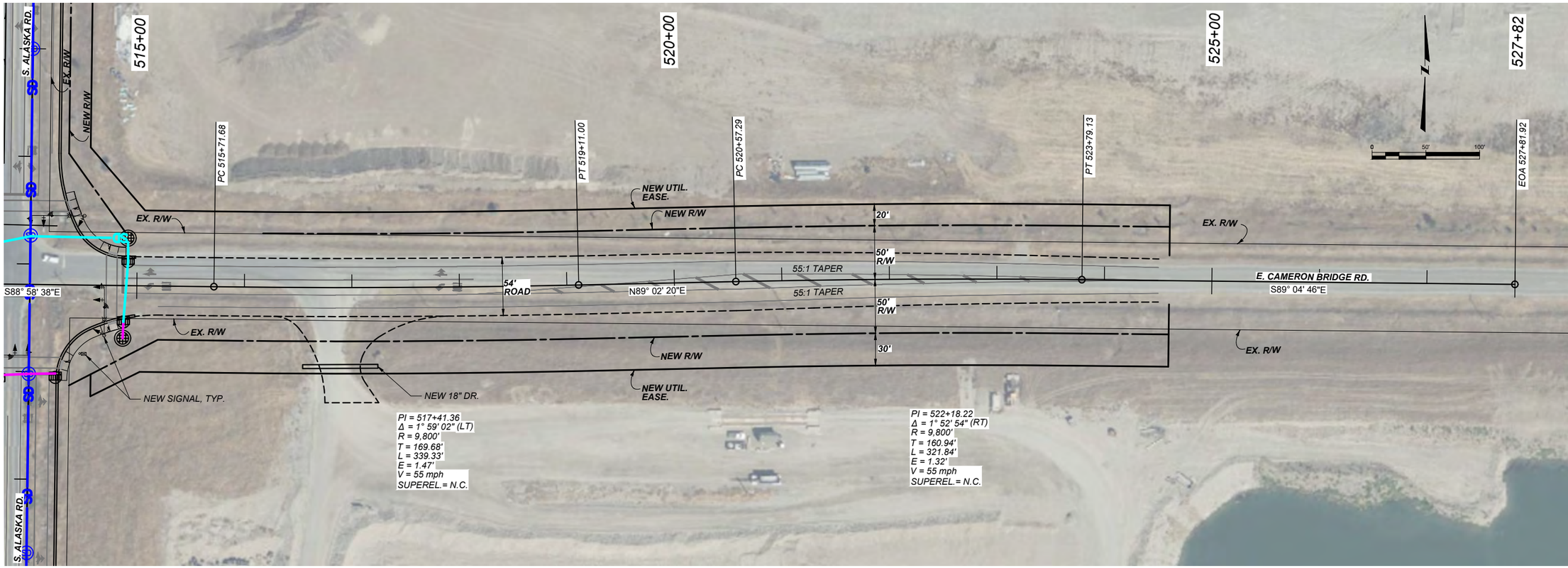
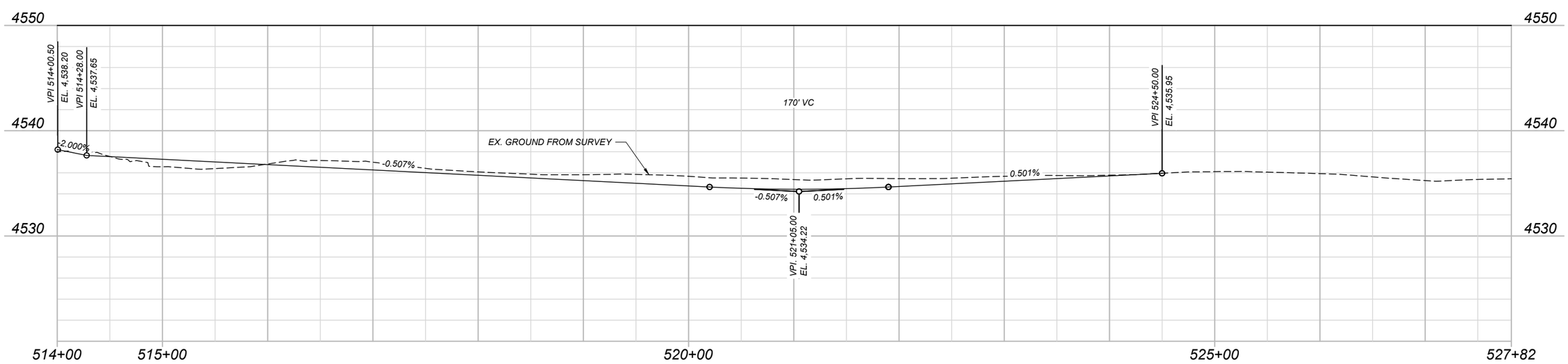
PRELIMINARY

SIGNAL OPTION





SHEET NO.
S-12

CAMERON BRIDGE ROAD
SIGNAL OPTION

PROJECT NAME: ALASKA ROAD
COUNTY: GALLATIN
PROJECT ID:
UPN:

DESIGNED BY	SV	DEC. 2024
REVIEWED BY	#####	#####
CHECKED BY	AG	DEC. 2024

MONTANA
Department of Transportation

EXHIBITS

23602RDPLPSIG.DWG

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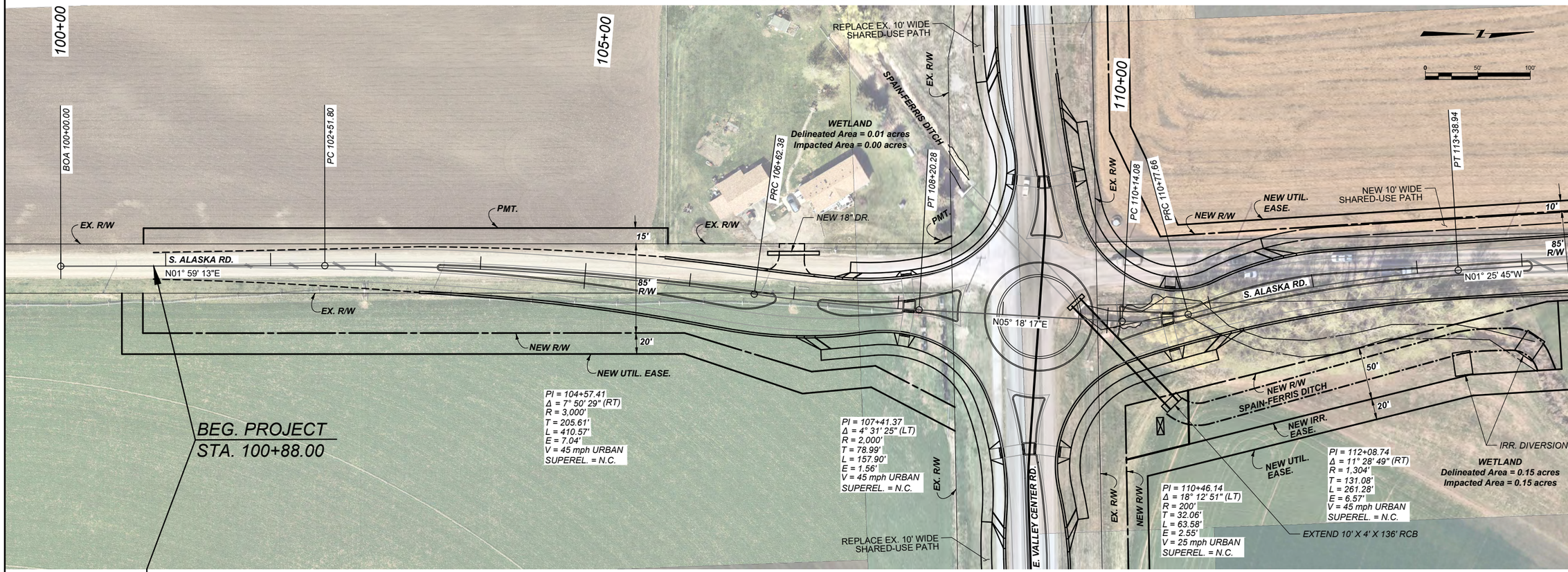
ROUNDABOUT OPTION

PRELIMINARY



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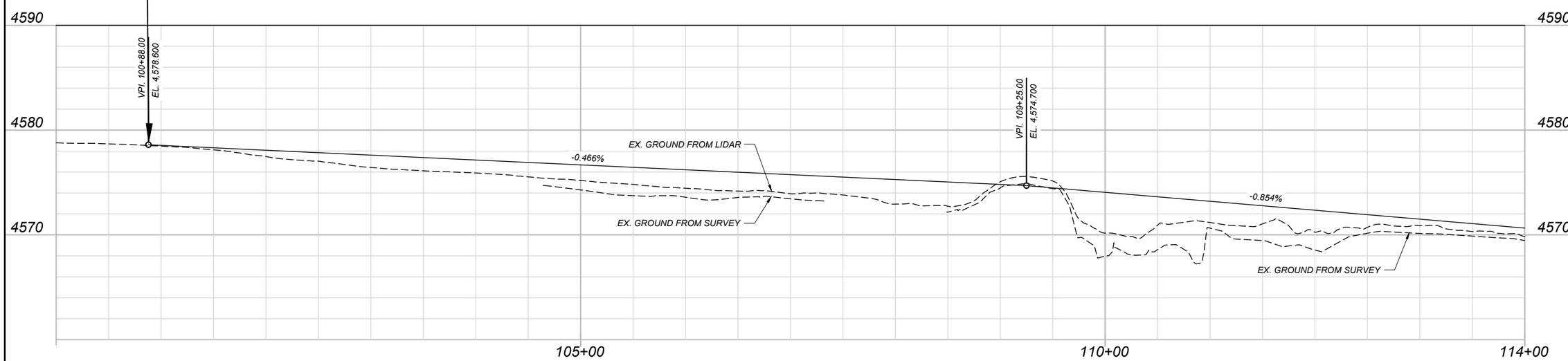

SHEET NO.
R-1

ALASKA ROAD
ROUNDABOUT OPTION

PROJECT NAME: ALASKA ROAD
COUNTY: GALLATIN
PROJECT ID: ####
UPN: ##

DESIGNED BY: SV ##
REVIEWED BY: #### ####
CHECKED BY: AG ##

23602RDPLPRDB.DWG

MONTANA
Department of Transportation

EXHIBITS

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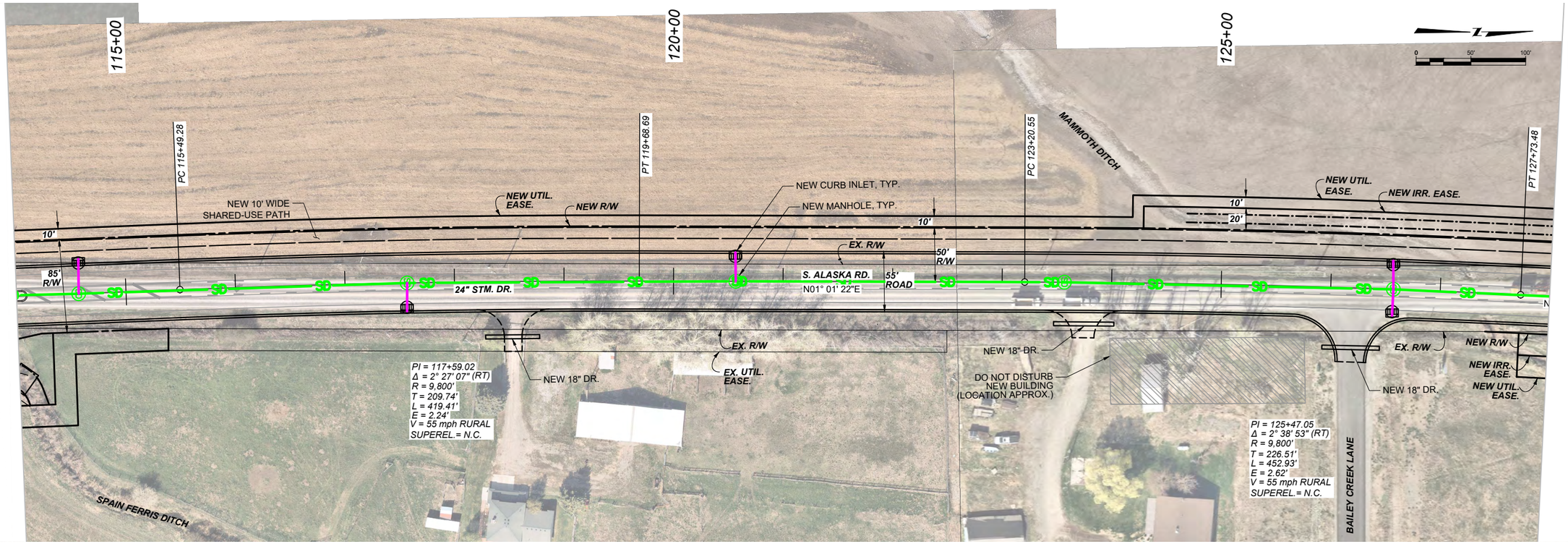
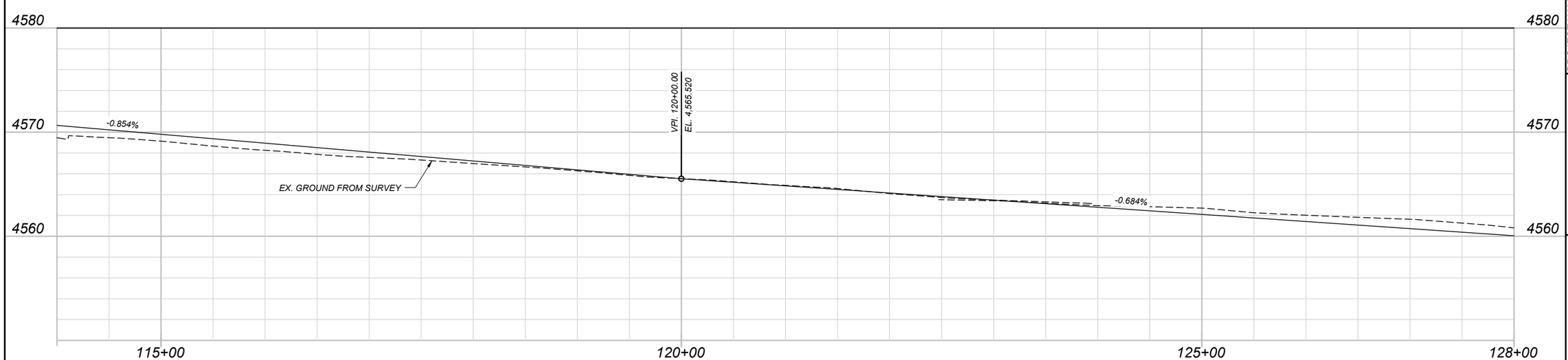
PRELIMINARY

ROUNDABOUT OPTION





SHEET NO.
R-2

ALASKA ROAD
ROUNDABOUT OPTION

PROJECT NAME: ALASKA ROAD
COUNTY: GALLATIN
PROJECT ID: ####
UPN: ##

DESIGNED BY: SV ##
REVIEWED BY: ##### #####
CHECKED BY: AG ##

MONTANA Department of Transportation

EXHIBITS

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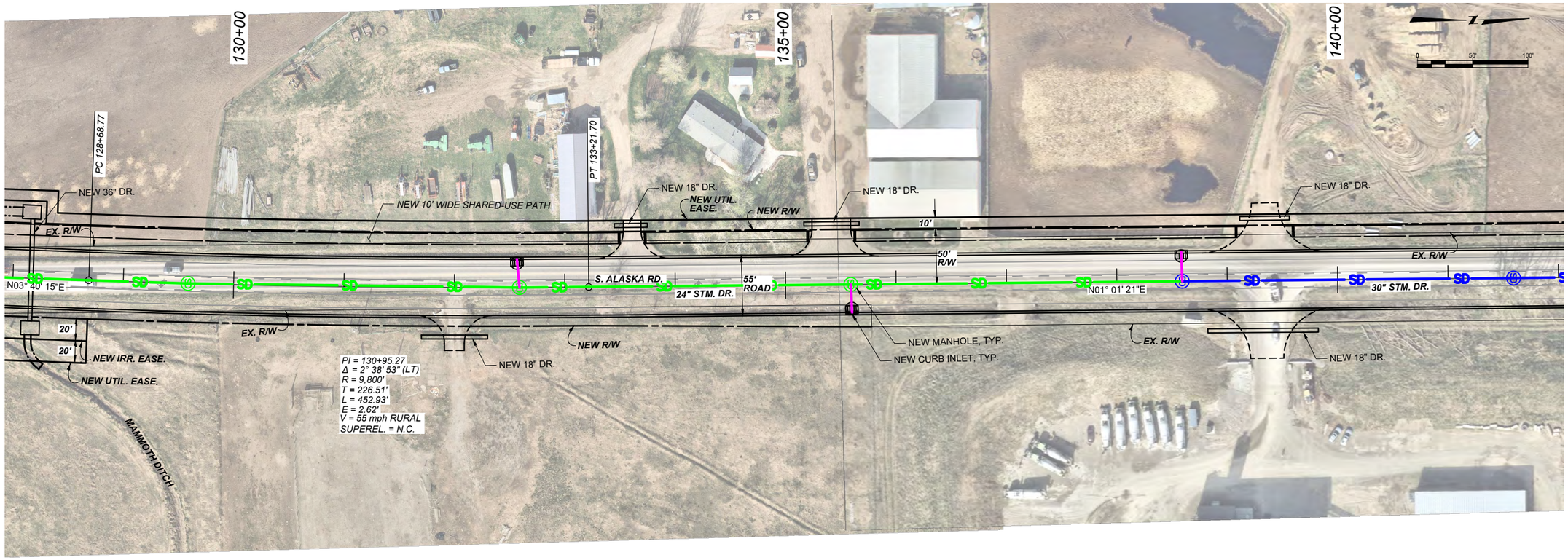
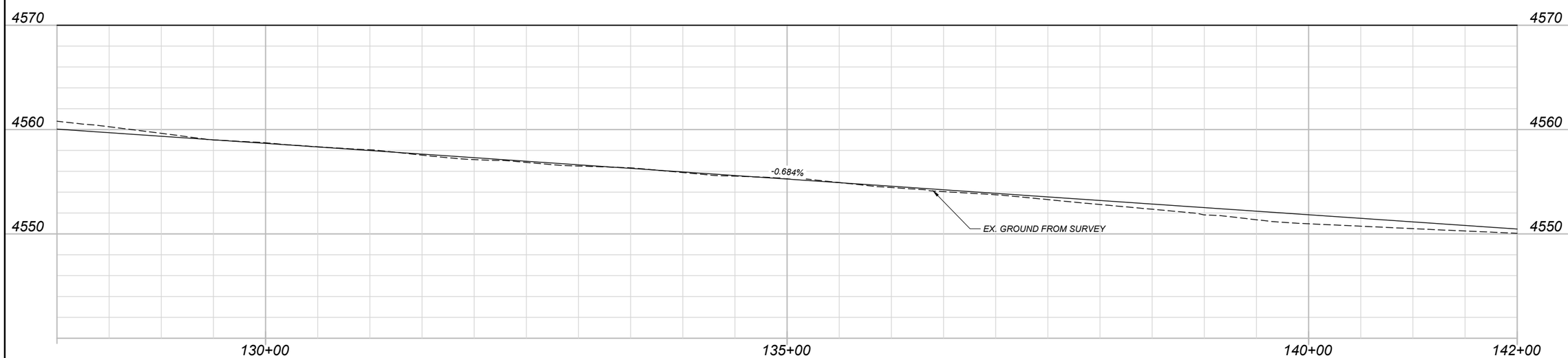
ROUNDABOUT OPTION

PRELIMINARY





SHEET NO.
R-3

ALASKA ROAD
ROUNDABOUT OPTION

PROJECT NAME: ALASKA ROAD
COUNTY: GALLATIN
PROJECT ID: ####
UPN: ##

DESIGNED BY: SV ##
REVIEWED BY: ##### ####
CHECKED BY: AG #3

MONTANA Department of Transportation

EXHIBITS

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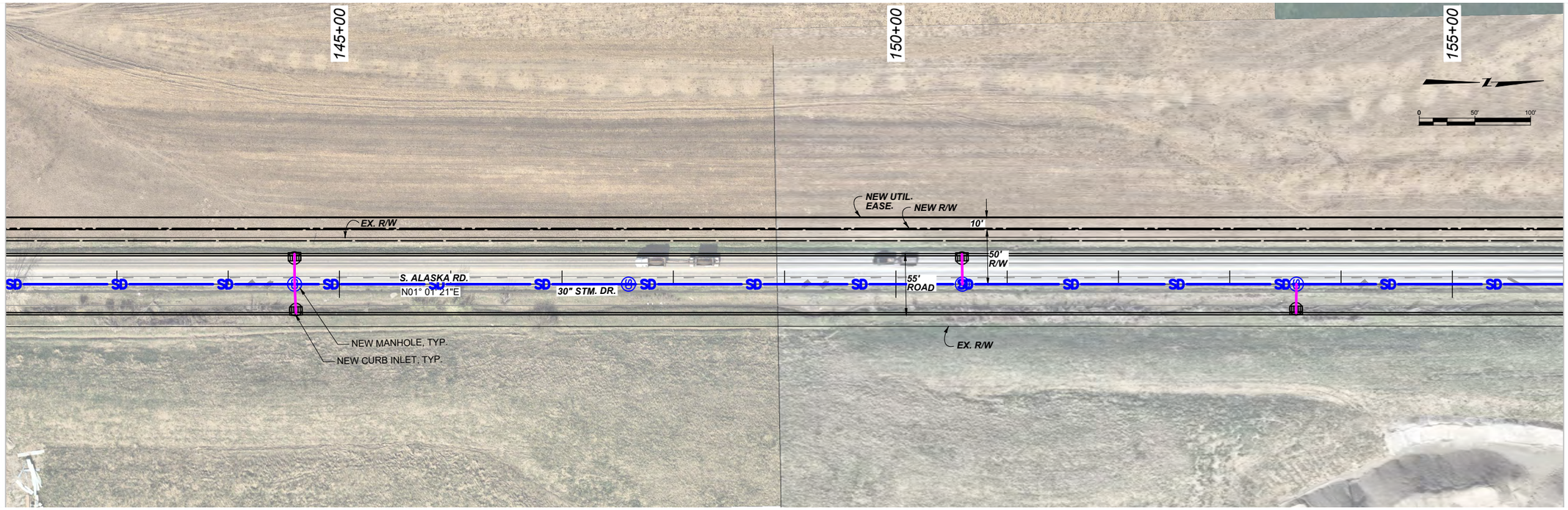
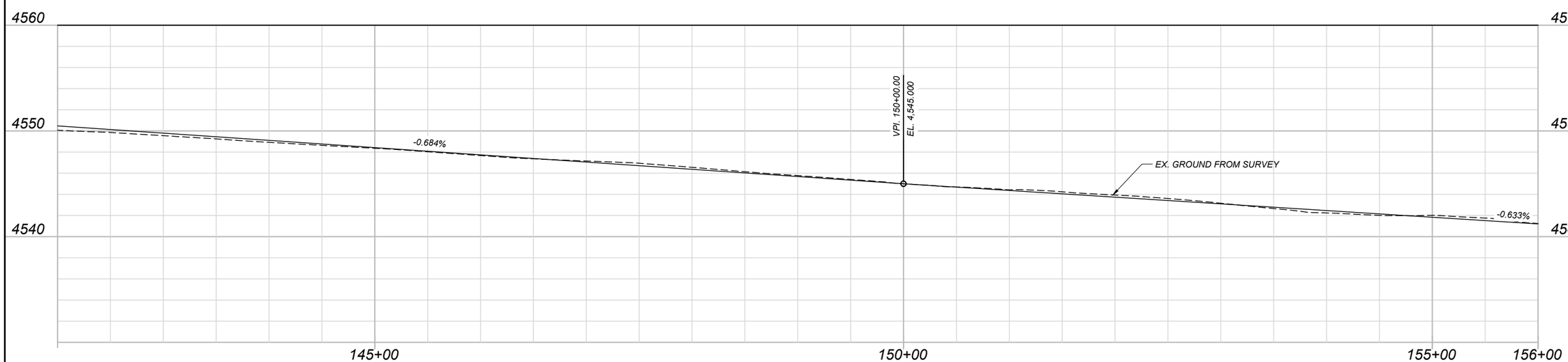
ROUNDABOUT OPTION

PRELIMINARY





SHEET NO.
R-4

ALASKA ROAD
ROUNDABOUT OPTION

PROJECT NAME: ALASKA ROAD
COUNTY: GALLATIN
PROJECT ID: ####
UPN: ##

DESIGNED BY: SV ##
REVIEWED BY: ##### #####
CHECKED BY: AG ##

23602RDPLPRDB.DWG

MONTANA Department of Transportation

EXHIBITS

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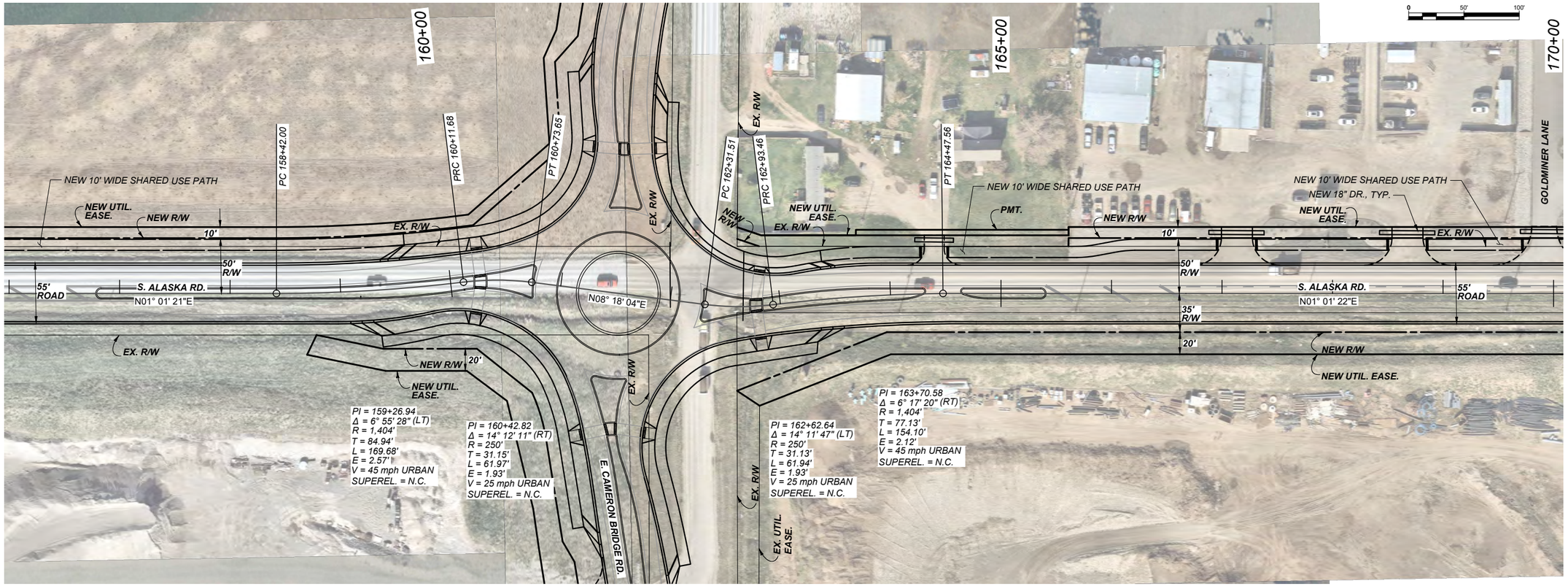
PRELIMINARY

ROUNDABOUT OPTION



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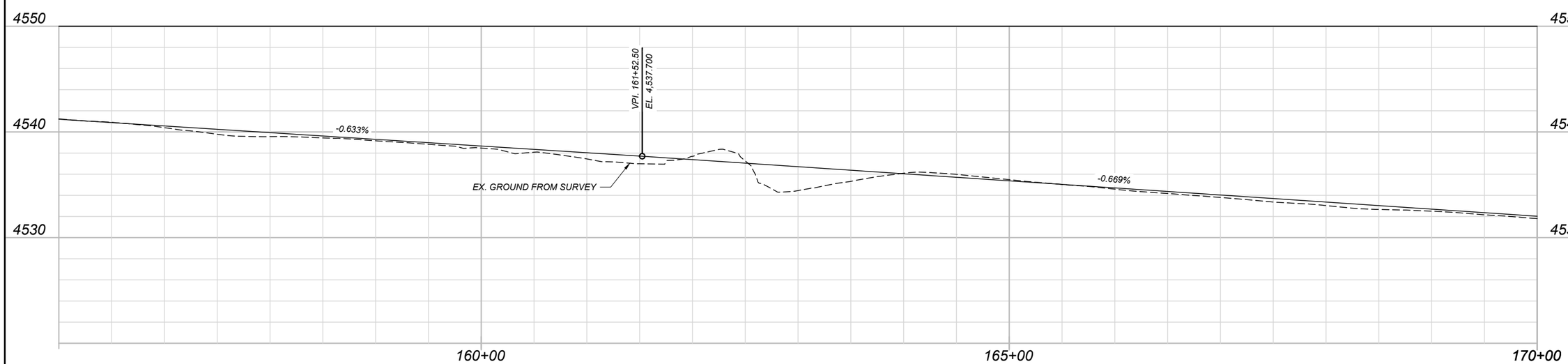

SHEET NO.
R-5

ALASKA ROAD
ROUNDABOUT OPTION

PROJECT NAME: ALASKA ROAD
COUNTY: GALLATIN
PROJECT ID:
UPN:

DESIGNED BY: SV ##
REVIEWED BY: ##### #####
CHECKED BY: AG ##

MONTANA
Department of Transportation

EXHIBITS

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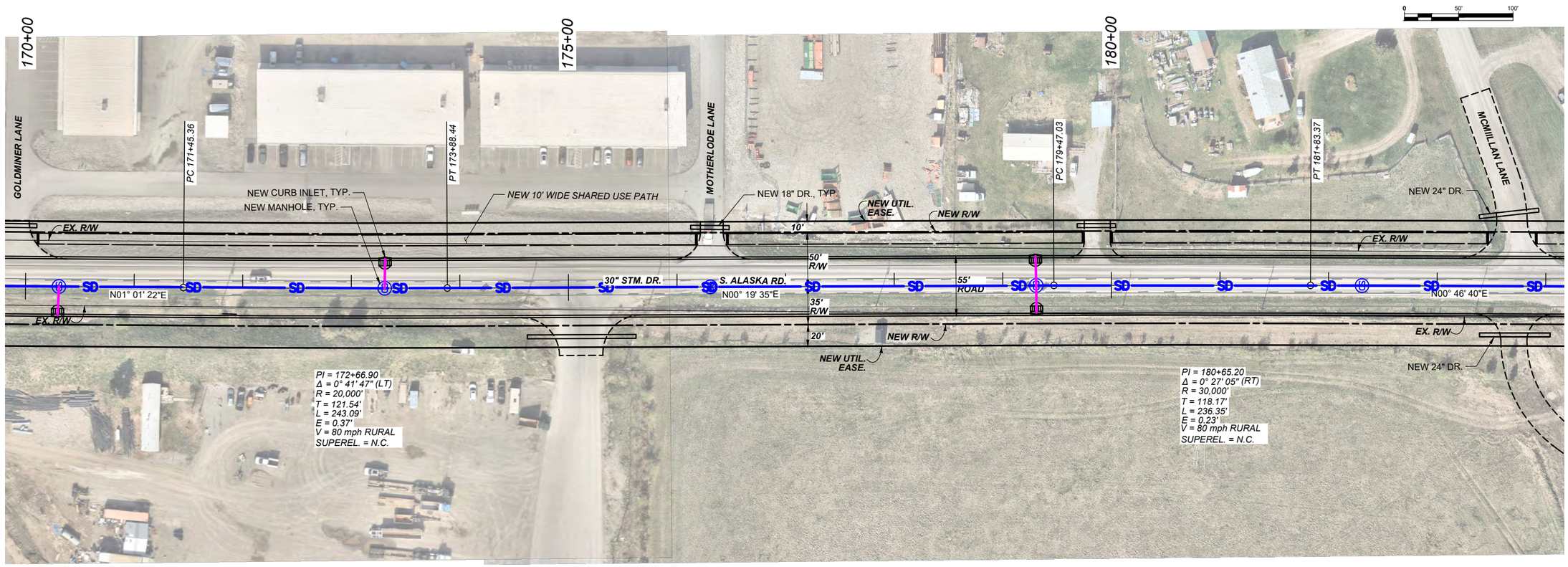
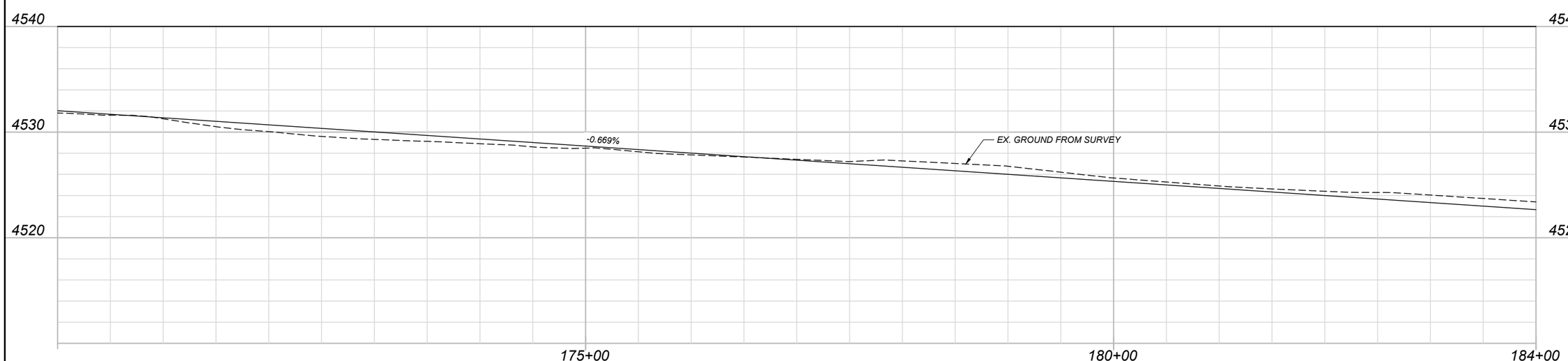
PRELIMINARY

ROUNDABOUT OPTION





SHEET NO.
R-6

ALASKA ROAD
ROUNDABOUT OPTION

PROJECT NAME: ALASKA ROAD
COUNTY: GALLATIN
PROJECT ID:
UPN:

DESIGNED BY: SV ##
REVIEWED BY: ##### #####
CHECKED BY: AG ##

MONTANA
Department of Transportation

EXHIBITS

23602RDPLPRDB.DWG
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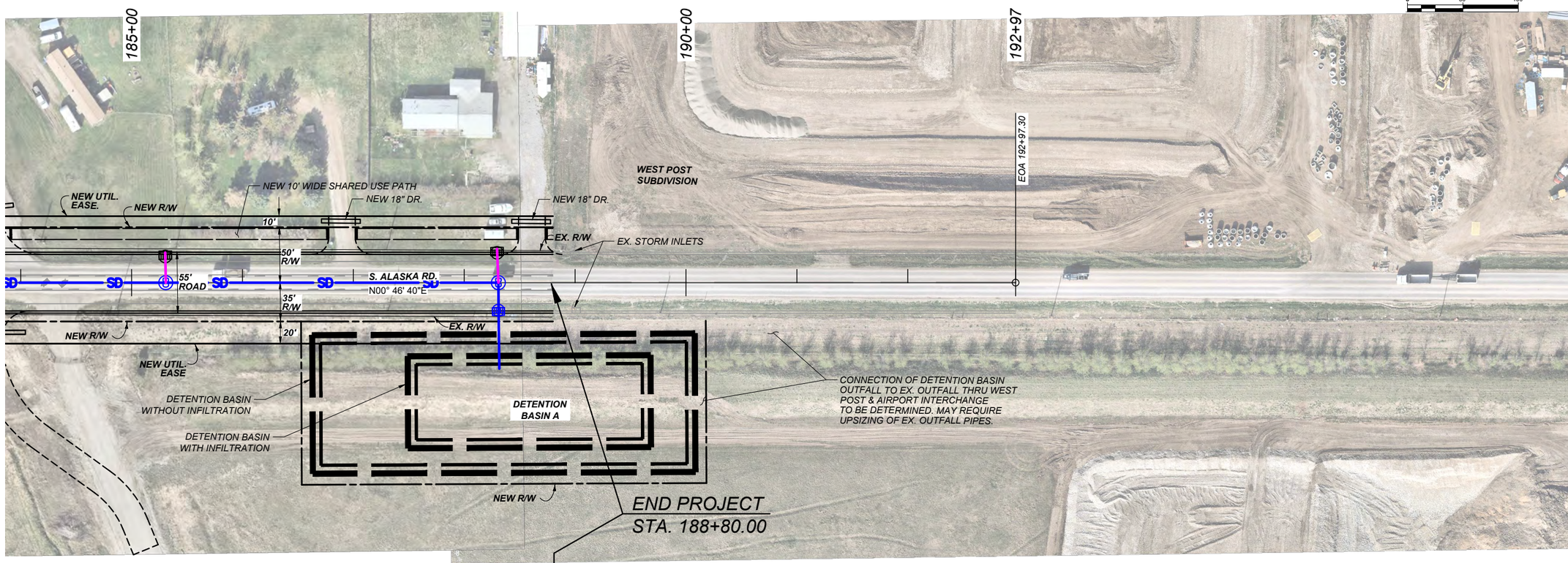
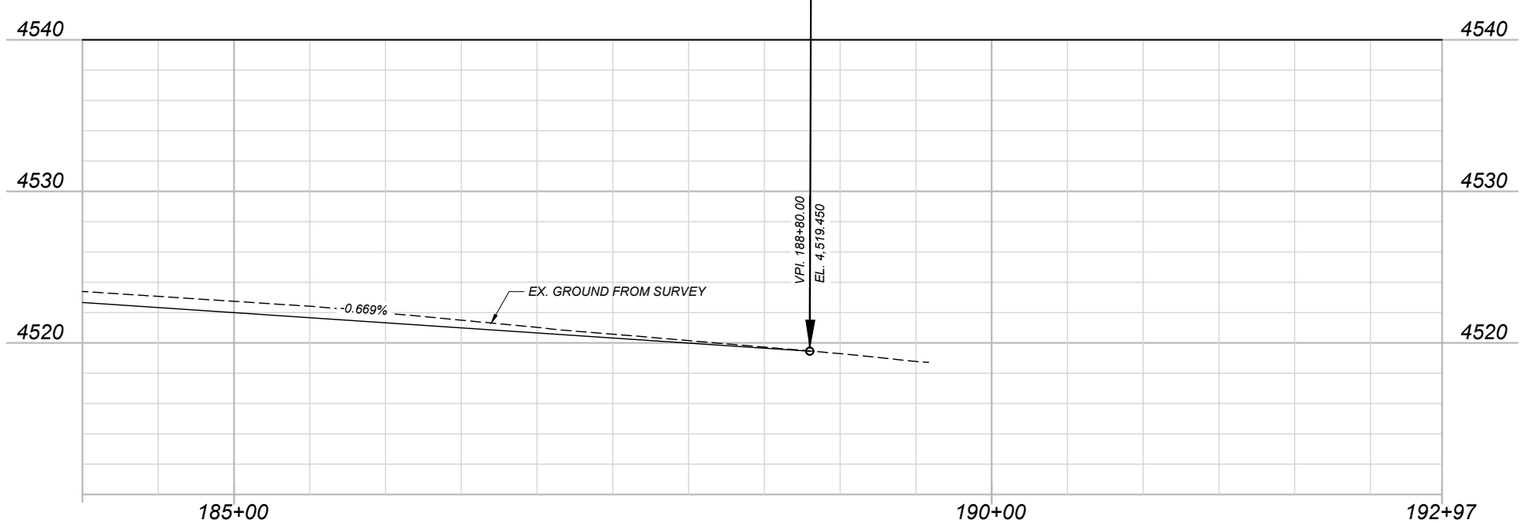
PRELIMINARY

ROUNDABOUT OPTION





SHEET NO.
R-7

ALASKA ROAD
ROUNDABOUT OPTION

PROJECT NAME: ALASKA ROAD
COUNTY: GALLATIN
PROJECT ID: ####
UPN: ##

DESIGNED BY: SV ##
REVIEWED BY: ##### #####
CHECKED BY: AG ##

MONTANA Department of Transportation

EXHIBITS

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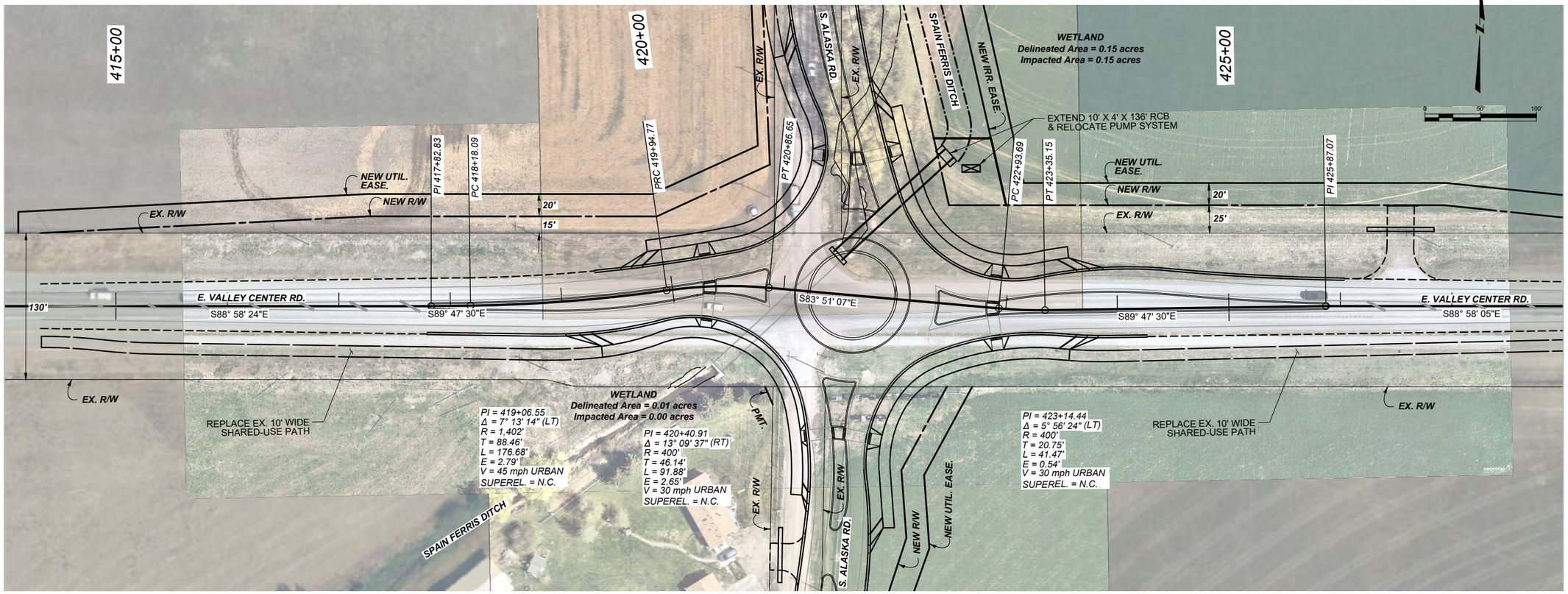
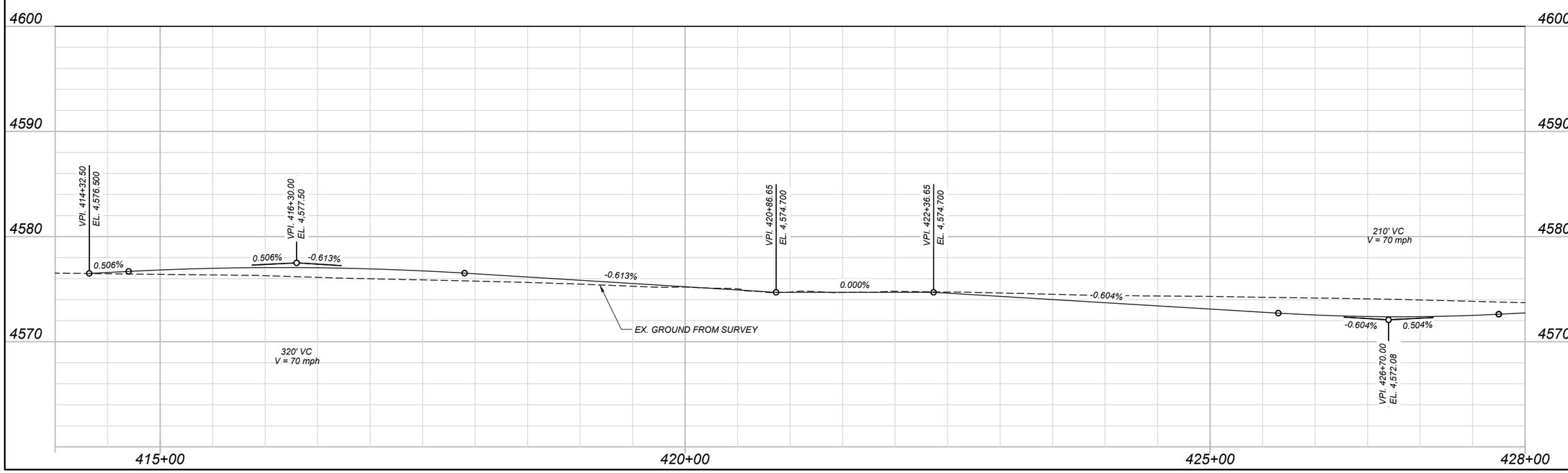
PRELIMINARY

ROUNDABOUT OPTION





SHEET NO.
R-8

VALLEY CENTER ROAD
ROUNDABOUT OPTION

PROJECT NAME: ALASKA ROAD
COUNTY: GALLATIN
PROJECT ID
UPN

DESIGNED BY: SV ##
REVIEWED BY: ##### #####
CHECKED BY: AG ##

23602RDPLPRDB.DWG

MONTANA
Department of Transportation

EXHIBITS

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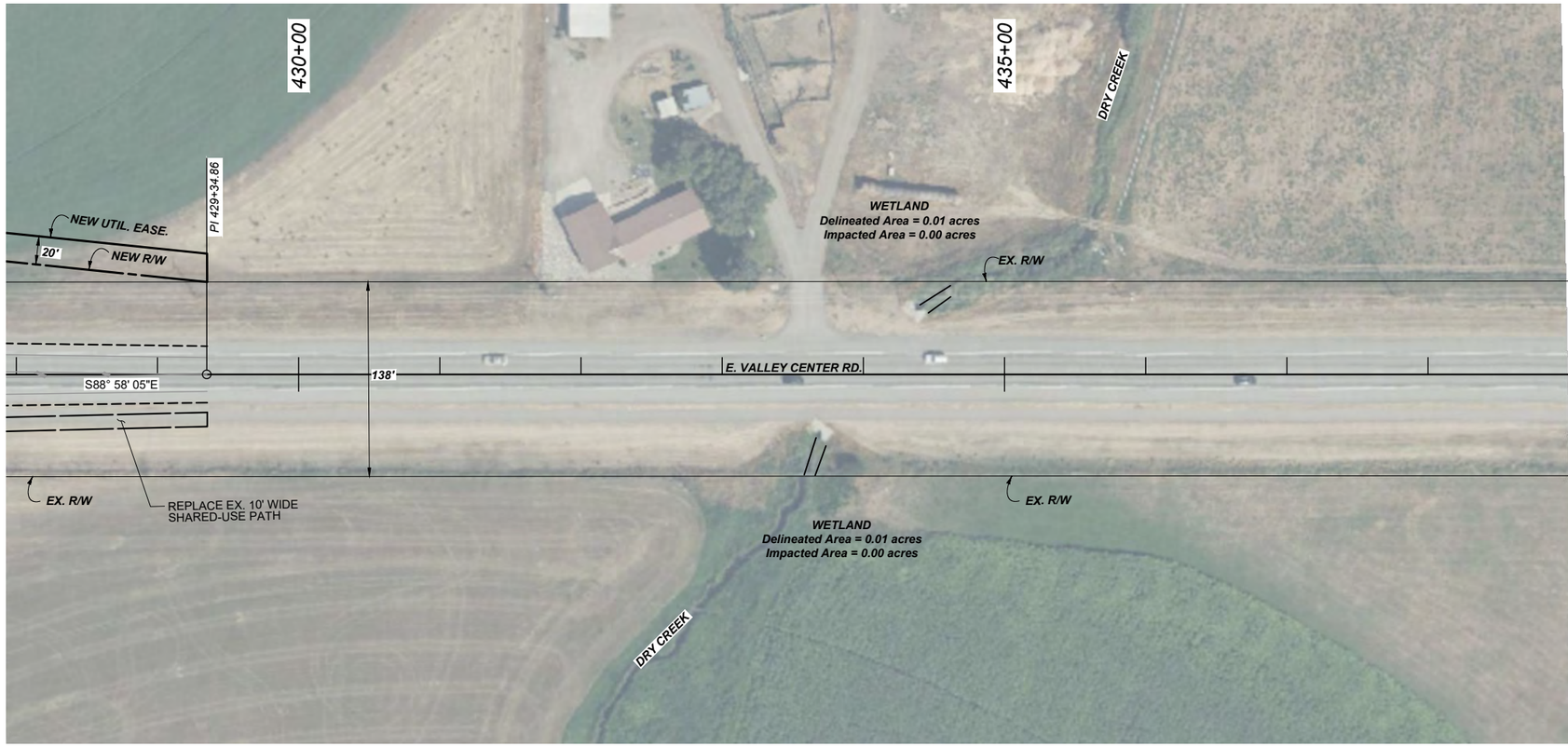
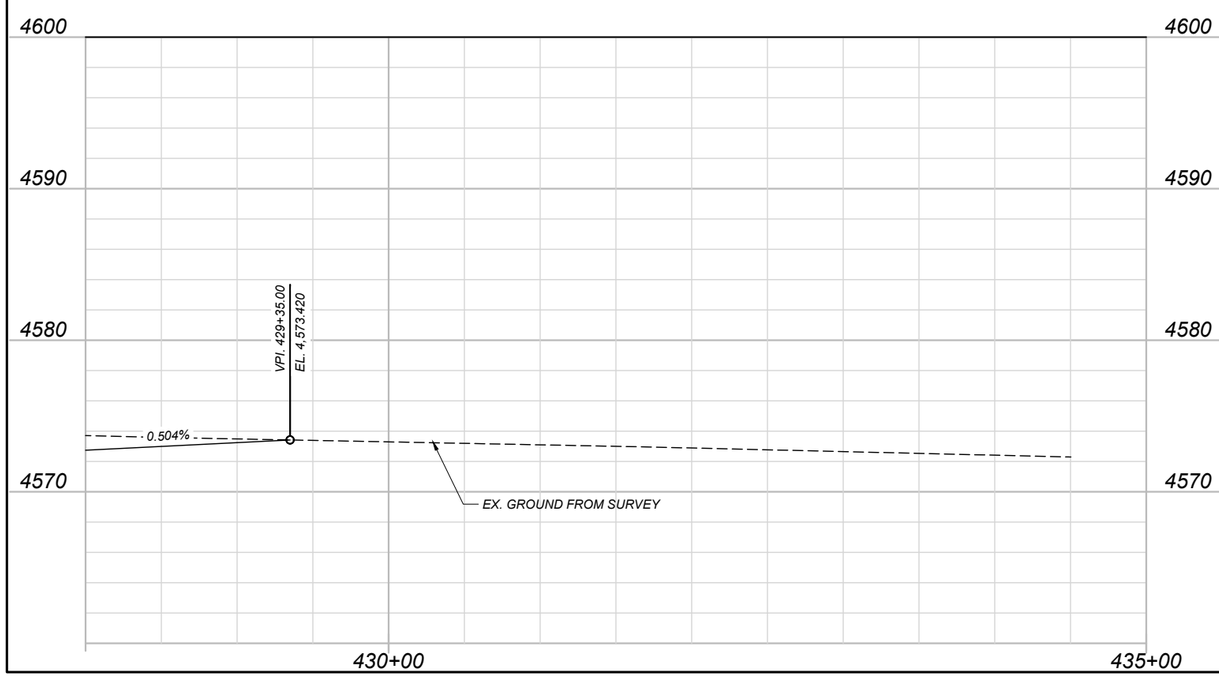
ROUNDABOUT OPTION

PRELIMINARY





SHEET NO.
R-9

VALLEY CENTER ROAD
ROUNDABOUT OPTION

PROJECT NAME: ALASKA ROAD
COUNTY: GALLATIN
PROJECT ID:
UPN:

DESIGNED BY: SV ##
REVIEWED BY: ##### #####
CHECKED BY: AG DEC. 2024

MONTANA
Department of Transportation

EXHIBITS

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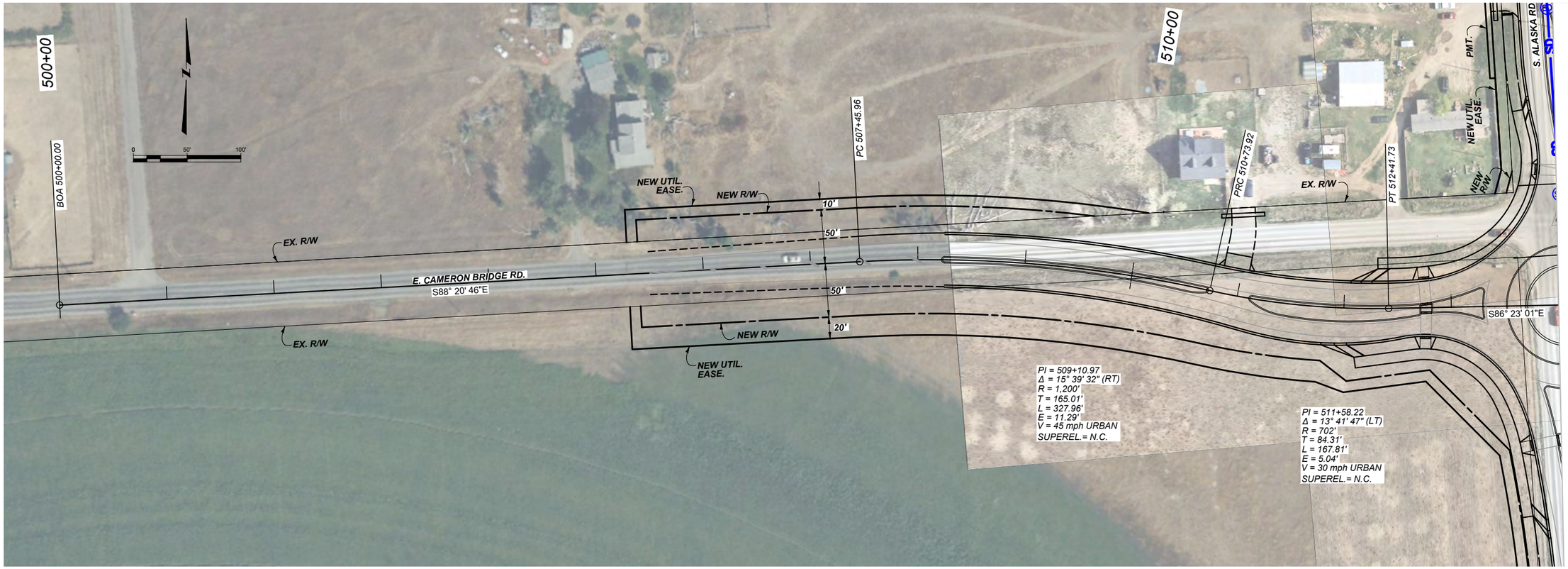
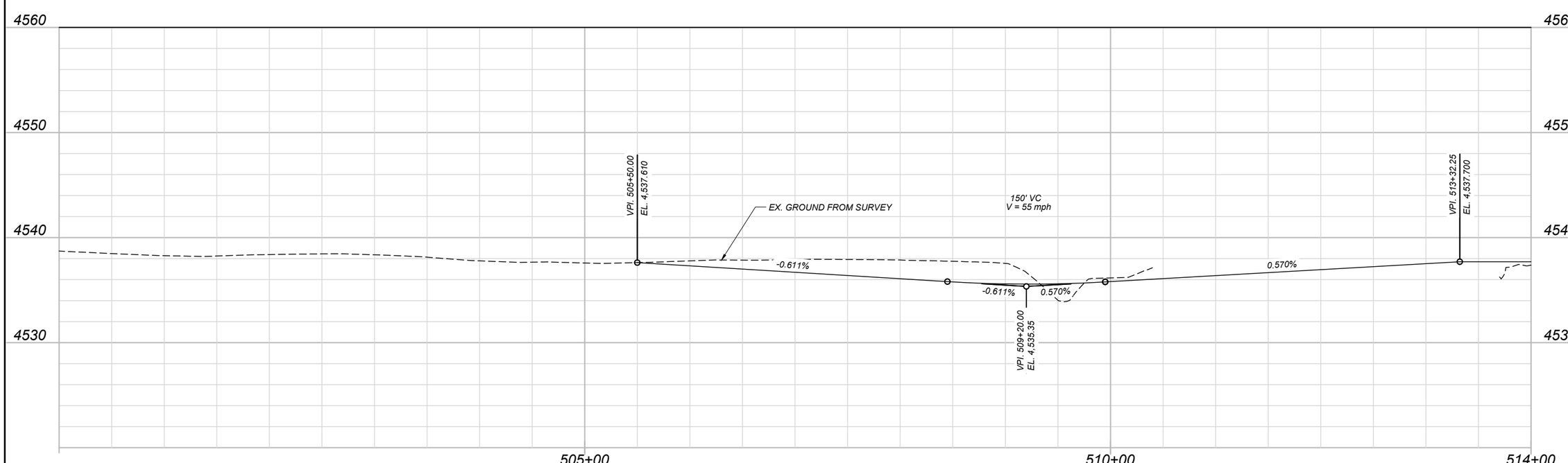
PRELIMINARY

ROUNDABOUT OPTION





SHEET NO.
R-10

CAMERON BRIDGE ROAD
ROUNDABOUT OPTION

PROJECT NAME: ALASKA ROAD
COUNTY: GALLATIN
PROJECT ID:
UPN:

DESIGNED BY ## ##
REVIEWED BY #### ####
CHECKED BY ## ##

MONTANA
Department of Transportation

EXHIBITS

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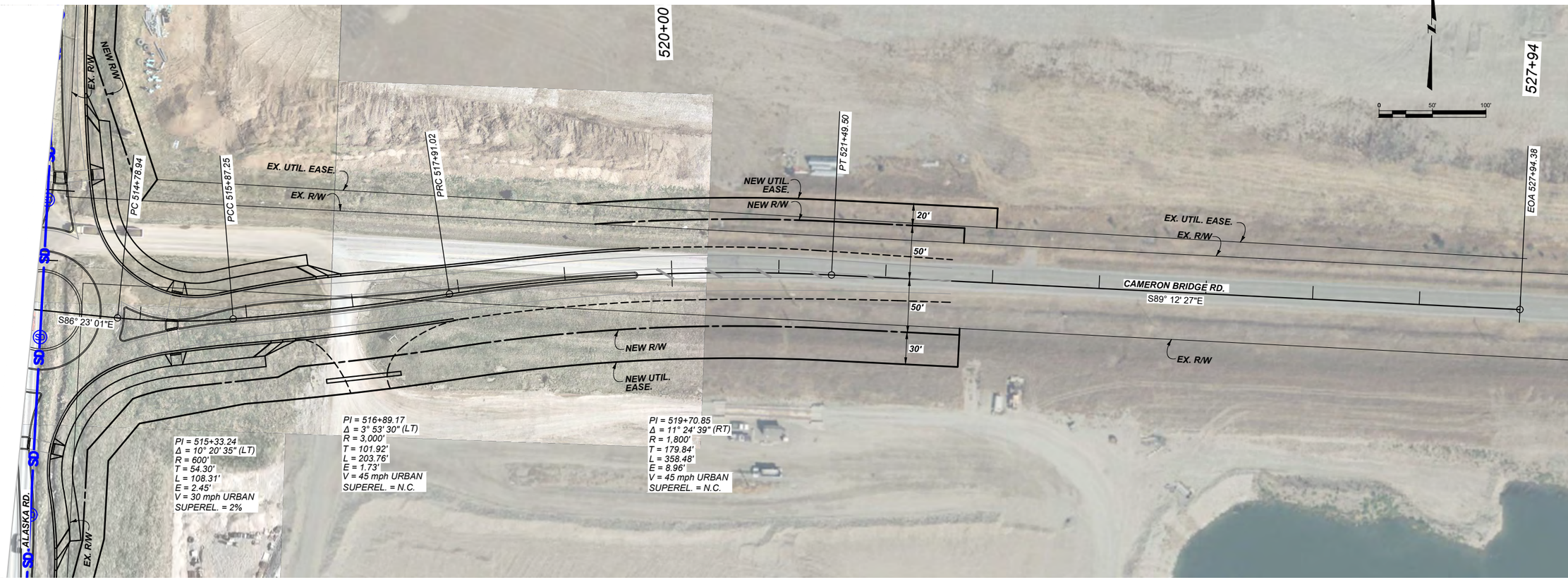
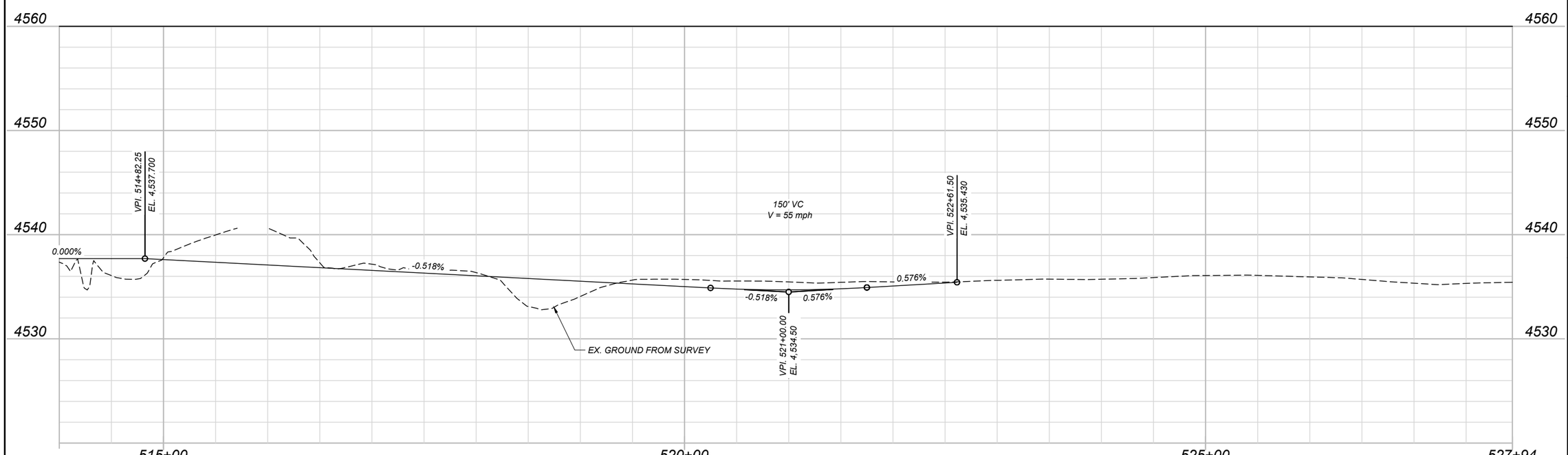
ROUNDABOUT OPTION

PRELIMINARY





SHEET NO.
R-11

CAMERON BRIDGE ROAD
ROUNDABOUT OPTION

PROJECT NAME: ALASKA ROAD
COUNTY: GALLATIN
PROJECT ID
UPN

DESIGNED BY	REVIEWED BY	CHECKED BY
SV	#####	AG
##	#####	##

23602RDPLPRDB.DWG

MONTANA
Department of Transportation

EXHIBITS

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GALLATIN COUNTY INTERSECTION IMPROVEMENTS

APPENDIX F-2:

Preliminary Cost Estimates

ALASKA RD S / CAMERON BRIDGE RD

ALASKA RD S / E VALLEY CENTER RD

LOVE LN / DURSTON RD

S. ALASKA ROAD SIGNAL OPTION, E. VALLEY CENTER TO WEST POST
PLANNING COST ESTIMATE - 2.8 miles
4/22/2025

Unit	Description	Unit Prices	Totals	
			Quantity	Cost
GENERAL ITEMS				
LS	Construction Surveying, Staking, & Testing	$150,000	1	$150,000
LS	Erosion Control & Permits	$50,000	1	$50,000
UNIT	Miscellaneous Work	$1	50,000	$50,000
HOUR	Exploratory Excavation	$300	35	$10,500
LS	Dewatering	$75,000	1	$75,000
CY	Flowable Fill (at utility crossings)	$250	50	$12,500
DRAINAGE & IRRIGATION				
LF	Remove Pipe Culvert (Incl. remove concrete headwalls)	$50	425	$21,250
CY	Granular Bedding Material	$96	50	$4,798
CY	Foundation Material	$84	100	$8,396
SY	Permanent Erosion Control Geotextile	$6.50	339	$2,203
LF	Channel Change - Irrigation Ditch	$120	785	$94,200
EA	Irrigation Concrete Division Box & Gates	$8,000	5	$40,000
EA	Relocate Pump System	$25,000	1	$25,000
EA	Curb Inlet Grate and Frame	$1,850	31	$57,350
EA	Ditch Inlet Grate and Frame	$1,850	8	$14,800
EA	Manhole Lid and Frame	$1,200	30	$36,000
EA	Inlet Base 30 Inch	$4,500	39	$175,500
EA	Manhole Base 48 Inch	$8,550	1	$8,550
EA	Manhole Base 60 Inch	$9,500	10	$95,000
EA	Manhole Base 72 Inch	$12,500	19	$237,500
LF	Additional Barrel	$750	60	$45,000
LF	Storm Drain Pipe 12 Inch	$175	700	$122,500
LF	Storm Drain Pipe 18 Inch	$275	730	$200,750
LF	Storm Drain Pipe 24 Inch	$335	2,840	$951,400
LF	Storm Drain Pipe 30 Inch	$400	5,046	$2,018,400
CY	Storm Pond Excavation	$25	4,484	$112,100
EA	Pre-Treatment System Manhole	$50,000	3	$150,000
LF	Drainage Culvert 18 Inch	$200	1,370	$274,000
LF	Drainage Culvert 24 Inch	$280	120	$33,600
LF	Irrigation Culvert 36 Inch RCP	$450	92	$41,400
LF	Reinforced Concrete Box Irrigation Culvert 4 ft X 10 ft	$1,800	72	$129,600
LF	RCPA Equiv. Diameter Irrigation Culvert 48 Inch	$450	16	$7,200
LF	RCPA Equiv. Diameter Irrigation Culvert 60 Inch	$700	16	$11,200
ROADWAY & 2 STANDARD INTERSECTIONS				
CY	Excavation/Embankment	$25	48,000	$1,200,000
CY	Subexcavation and Replacement Material Below Subgrade	$45	4,000	$180,000
TON	Asphalt Pavement Type B Commercial Mix (Roads)	$150	21,913	$3,286,950
TON	Asphalt Pavement - Misc. Commercial Mix (Driveways)	$150	896	$134,392
CY	Crushed Base Course (Road)	$60	11,968	$718,096
CY	Crushed Base Course (Driveways)	$60	930	$55,779
CY	SubBase Course (Roads)	$32	47,873	$1,531,937
SY	Mirafi Geotextile (Road)	$8	71,810	$574,476
LF	Concrete Curb and Gutter	$85	16,187	$1,375,895
SY	Concrete Sidewalk - 4" Thick	$120	729	$87,531
SY	Detectable Warning Devices	$570	82	$46,613
GAL	Asphalt Tack Coat SS-1	$4.25	11,050	$46,964
SY	Chip Seal (Roads)	$2.50	68,212	$170,531
LS	Remove Pavement Markings (on Valley Center Outside Mill)	$2,500	1	$2,500
GAL	White Epoxy	$130	174	$22,620
GAL	Yellow Epoxy	$130	188	$24,440
GAL	Yellow Epoxy Words & Symbols	$367	35	$12,845
GAL	White Epoxy Words & Symbols	$390	38	$14,820
GAL	Yellow Curb Epoxy	$410	13	$5,330
LS	Signing	$60,000	1	$60,000
TWO SIGNALS				
LF	Conduit - Plastic 3 Inch	$41	730	$29,930
LF	Conduit - Plastic 1.5 Inch	$19	605	$11,495

Unit	Description	Unit Prices	Totals	
			Quantity	Cost
EA	Pull Box - Composite Type 3	$2,200	12	$26,400
EA	Type 1-200 Pole w/ Black Finish (City)	$2,500	15	$37,500
EA	Signal Pole 3-A-900-7 w/ Black Finish (City)	$31,000	3	$93,000
EA	Signal Pole 3-A-900-8 w/ Black Finish (City)	$33,000	4	$132,000
EA	Signal Pole 3-A-900-9 w/ Black Finish (City)	$35,000	1	$35,000
EA	LED Lamp on Signal with Black Finish (City of Belgrade)	$1,000	8	$8,000
EA	Signal Indication - Traffic 3 Color 12 Inch	$1,920	18	$34,560
EA	Signal Indication - Traffic 4 Color 12 Inch	$2,200	8	$17,600
EA	Signal Indication - Pedestrian	$1,800	16	$28,800
EA	Push Button-Pedestrian-Tactile w/ Black Finish (City)	$1,800	16	$28,800
EA	Detector-Radar/Presence	$14,000	8	$112,000
EA	Emergency Pre-Emption System	$6,000	2	$12,000
EA	Broadband Antenna	$3,600	2	$7,200
EA	Dual Meter Service Assembly & NW Energy Fee (Signal Service)	$11,000	2	$22,000
EA	Controller, Cabinet & Concrete Pedestal	$50,000	2	$100,000
CY	Foundation - Concrete (For Signal Poles)	$2,600	45	$116,110
LF	Conductor - Copper AWG10-600V	$1.35	2,640	$3,564
LF	Cable - Copper Coaxial 50 OHM	$1.10	880	$968
LF	Cable - Copper 7AWG14-600V	$3.50	880	$3,081
LF	Cable - Copper 16AWG14-600V	$6.80	880	$5,986
LF	Cable - Radar & Pre-Emption	$5.50	2,640	$14,519
SHARED-USE PATH				
SY	Path Geotextile	$3	8,205	$24,616
CY	Crushed Base Course	$60	2,051	$123,078
TON	Asphalt Pavement Type B Commercial Mix (Path)	$150	1,757	$263,593
GAL	Asphalt Tack Coat SS-1	$4.25	410	$1,744
STREET LIGHTING				
LF	Conduit - Plastic 3 Inch	$41	80	$3,280
LF	Conduit - Plastic 1.5 Inch	$19	14,650	$278,350
EA	Pull Box - Composite Type 1 (at every other light)	$1,100	27	$29,700
EA	Pull Box - Composite Type 2 (at road crossing & service)	$1,800	4	$7,200
CY	Foundation - Concrete (For Light Poles)	$2,600	50	$130,624
LF	Conductor - Copper AWG4-600V	$2.20	32,920	$72,424
LF	Conductor - Copper AWG10-600V	$1.35	17,540	$23,679
EA	Luminaire Poles with Black Finish (City of Belgrade)	$9,000	54	$486,000
EA	LED Lamp with Black Finish (City of Belgrade)	$1,000	54	$54,000
EA	Service Assembly & NW Energy Fee (Use dual meter on signals)	$12,000	2	$24,000
FINISH GRADING				
CY	Topsoil - Strip, Salvage & Reuse (4" thick)	$12	10,360	$124,325
SY	Hydroseeding	$2.50	82,920	$207,300
LF	Farm Fence (Type F5M)	$5	18,665	$93,325
EA	Reset Gate	$800	5	$4,000
EA	Remove Tree	$500	45	$22,500
	SUBTOTAL:			**$17,671,666**
	Traffic Control	10%		$1,767,167
	Mobilization, Bonding & Submittals	10%		$1,767,167
	SUBTOTAL:			**$21,205,999**
	Contingency	15%		$3,180,900
	SUBTOTAL:			**$24,386,899**
	Design Fees	12%		$2,926,428
	Construction Engineering	12%		$2,926,428
	CONSTRUCTION & DESIGN TOTAL:			**$30,239,754**
LS	Utility Relocations (to new or existing utility easements)	$200,000	1	$200,000
ACRE	Right of Way & Drainage Easements	$350,000	8.14	$2,850,700
ACRE	Construction Permits	$150,000	0.26	$38,357
ACRE	Irrigation Easements	$150,000	0.80	$119,487
ACRE	Utility Easements	$150,000	6.68	$1,002,672
ACRE	Wetland & Stream Mitigation	$300,000	0.17	$51,601
	SUBTOTAL ACQUISITION & INCIDENTALS:			**$4,262,817**
	PROJECT SUBTOTAL:			**$34,502,571**
YEARS	**INFLATION**	3.50%	2	**$2,415,180**
	PROJECT TOTAL IN 2027:			**$36,917,751**

S. ALASKA ROAD ROUNDABOUT OPTION, E. VALLEY CENTER TO WEST POST
PLANNING COST ESTIMATE - 2.3 miles
4/22/2025

Unit	Description	Unit Prices	Totals	
			Quantity	Cost
GENERAL ITEMS				
LS	Construction Surveying, Staking, & Testing	$150,000	1	$150,000
LS	Erosion Control & Permits	$50,000	1	$50,000
UNIT	Miscellaneous Work	$1	50,000	$50,000
HOUR	Exploratory Excavation	$300	35	$10,500
LS	Dewatering	$50,000	1	$50,000
CY	Flowable Fill (at utility crossings)	$250	50	$12,500
DRAINAGE & IRRIGATION				
LF	Remove Pipe Culvert (Incl. remove concrete headwalls)	$50	365	$18,250
CY	Granular Bedding Material	$96	77	$7,415
CY	Foundation Material	$84	154	$12,975
SY	Permanent Erosion Control Geotextile	$6.50	524	$3,405
LF	Channel Change - Irrigation Ditch	$120	750	$90,000
EA	Irrigation Concrete Division Box & Gates	$8,000	5	$40,000
EA	Relocate Pump System	$25,000	1	$25,000
EA	Curb Inlet Grate and Frame	$1,850	39	$72,150
EA	Ditch Inlet Grate and Frame	$1,850	8	$14,800
EA	Manhole Lid and Frame	$1,200	36	$43,200
EA	Inlet Base 30 Inch	$4,500	47	$211,500
EA	Manhole Base 48 Inch	$8,550	7	$59,850
EA	Manhole Base 60 Inch	$9,500	10	$95,000
EA	Manhole Base 72 Inch	$12,500	19	$237,500
LF	Additional Barrel	$750	60	$45,000
LF	Storm Drain Pipe 12 Inch	$175	1,000	$175,000
LF	Storm Drain Pipe 18 Inch	$275	1,100	$302,500
LF	Storm Drain Pipe 24 Inch	$335	2,840	$951,400
LF	Storm Drain Pipe 30 Inch	$400	5,046	$2,018,400
CY	Storm Pond Excavation	$25	4,484	$112,100
EA	Pre-Treatment System Manhole	$50,000	1	$50,000
LF	Drainage Culvert 18 Inch	$200	1,230	$246,000
LF	Drainage Culvert 24 Inch	$280	120	$33,600
LF	Irrigation Culvert 36 Inch RCP	$450	92	$41,400
LF	Reinforced Concrete Box Irrigation Culvert 4 ft X 10 ft	$1,800	136	$244,800
ROADWAY & 2 ROUNDABOUTS				
CY	Excavation/Embankment	$25	42,000	$1,050,000
CY	Subexcavation and Replacement Material Below Subgrade	$45	3,000	$135,000
TON	Asphalt Pavement Type B Commercial Mix (Roads)	$150	21,518	$3,227,700
SY	Portland Cement Concrete Pavement - 9 Inch Colored	$220	1,082	$238,089
TON	Asphalt Pavement - Misc. Commercial Mix (Driveways)	$150	800	$120,034
CY	Crushed Base Course (Roads)	$60	12,067	$724,024
CY	Crushed Base Course (Driveways)	$60	830	$49,820
CY	SubBase Course (Roads)	$32	48,268	$1,544,585
SY	Mirafi Geotextile (Roads)	$8	72,402	$579,219
LF	Concrete Curb and Gutter	$85	19,523	$1,659,438
SY	Concrete Sidewalk - 4" Thick	$120	3,051	$366,160
LF	Concrete Median Curb	$55	6,638	$365,101
SY	Concrete Median Cap (Decorative 3")	$160	3,466	$554,507
SY	Detectable Warning Devices	$570	124	$70,933
GAL	Asphalt Tack Coat SS-1	$4.25	11,109	$47,215
SY	Chip Seal (Roads)	$2.50	66,982	$167,454
GAL	White Epoxy	$130	110	$14,300
GAL	Yellow Epoxy	$130	148	$19,240
GAL	Yellow Epoxy Words & Symbols	$367	16	$5,872
GAL	White Epoxy Words & Symbols	$390	30	$11,700
GAL	Yellow Curb Epoxy	$410	140	$57,578
LS	Signing	$75,000	1	$75,000
SHARED-USE PATH				
TON	Asphalt Pavement Type B Commercial Mix (Path)	$150	1,927	$289,054
CY	Crushed Base Course	$60	2,249	$134,967
GAL	Asphalt Tack Coat SS-1	$4.25	450	$1,912
SY	Path Geotextile	$3	8,998	$26,993

Unit	Description	Unit Prices	Totals	
			Quantity	Cost
STREET LIGHTING (along all curb & median islands)				
LF	Conduit - Plastic 3 Inch	$41	580	$23,780
LF	Conduit - Plastic 1.5 Inch	$19	18,820	$357,580
EA	Pull Box - Composite Type 1 (at every other light)	$1,100	27	$29,700
EA	Pull Box - Composite Type 2 (at road crossing & service)	$1,800	8	$14,400
CY	Foundation - Concrete (For Light Poles)	$2,600	63	$164,489
LF	Conductor - Copper AWG4-600V	$2.20	41,520	$91,344
LF	Conductor - Copper AWG10-600V	$1.35	22,120	$29,862
EA	Luminaire Poles with Black Finish (City of Belgrade)	$9,000	68	$612,000
EA	LED Lamp with Black Finish (City of Belgrade)	$1,000	68	$68,000
EA	Service Assembly & NW Energy Fee (Lighting Service-single meter)	$9,000	2	$18,000
FINISH GRADING				
CY	Topsoil - Strip, Salvage & Reuse (4" thick)	$12	9,730	$116,757
SY	Hydroseeding	$2.50	77,850	$194,625
LF	Farm Fence (Type F5M)	$5	15,910	$79,550
EA	Reset Gate	$800	2	$1,600
EA	Remove Tree	$500	45	$22,500
	SUBTOTAL:			**$18,834,328**
	Traffic Control	10%		$1,883,433
	Mobilization, Bonding & Submittals	10%		$1,883,433
	SUBTOTAL:			**$22,601,194**
	Contingency	15%		$3,390,179
	SUBTOTAL:			**$25,991,373**
	Design Fees	12%		$3,118,965
	Construction Engineering	12%		$3,118,965
	CONSTRUCTION & DESIGN TOTAL:			**$32,229,303**
LS	Utility Relocations (to new or existing utility easements)	$250,000	1	$250,000
ACRE	Right of Way & Drainage Easements	$350,000	8.96	$3,137,634
ACRE	Construction Permits	$150,000	0.19	$29,162
ACRE	Irrigation Easements	$150,000	0.66	$99,346
ACRE	Utility Easements	$150,000	5.44	$815,709
ACRE	Wetland & Stream Mitigation	$300,000	0.15	$45,565
	SUBTOTAL ACQUISITION & INCIDENTALS:			**$4,377,416**
	PROJECT SUBTOTAL:			**$36,606,718**
YEARS	**INFLATION**	3.50%	2	**$2,562,470**
	PROJECT TOTAL IN 2027:			**$39,169,189**