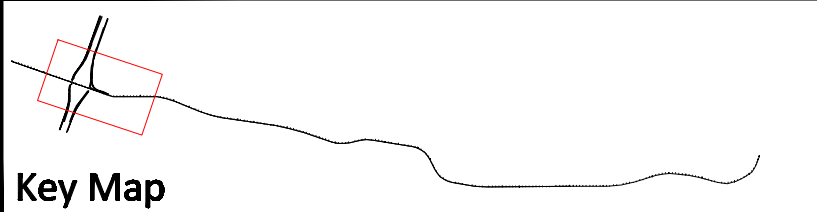
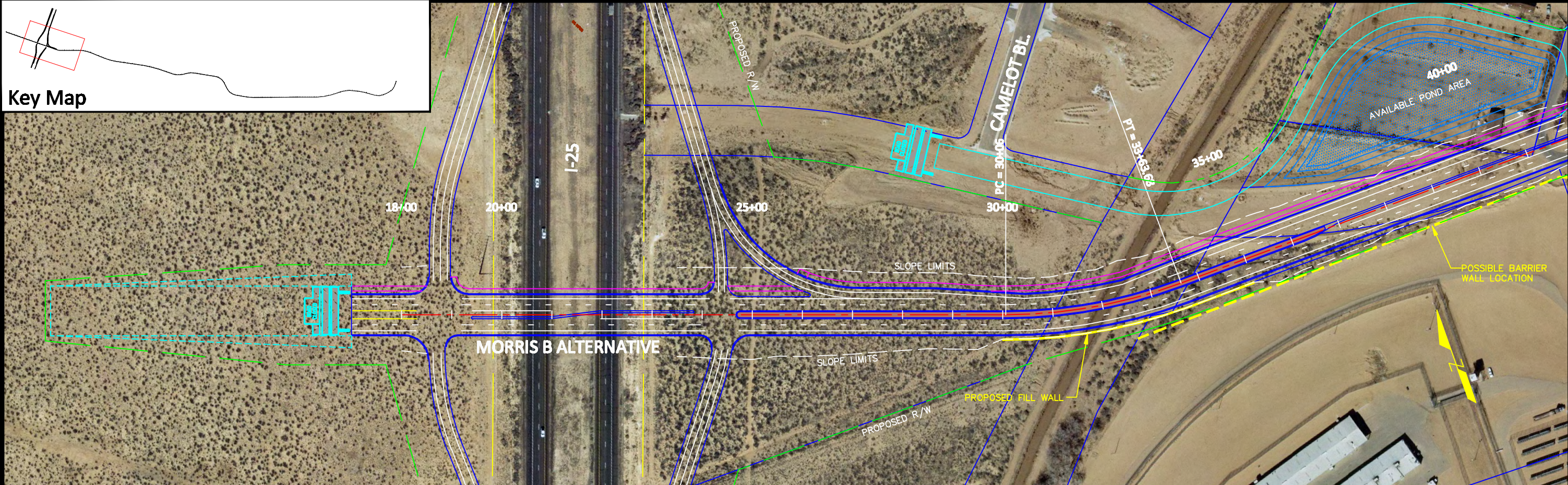


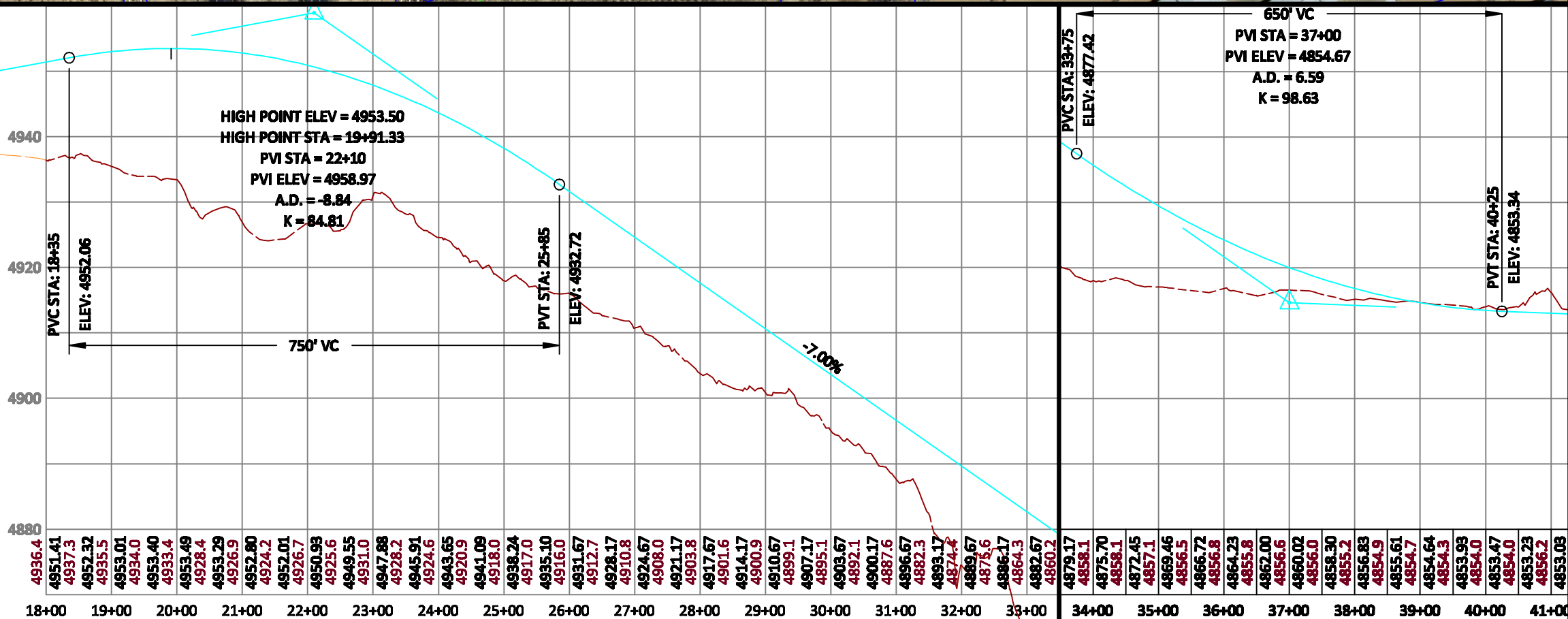
Appendix B – Engineering and Right-of-Way Plan Sheets



Key Map



PRELIMINARY
NOT FOR
CONSTRUCTION

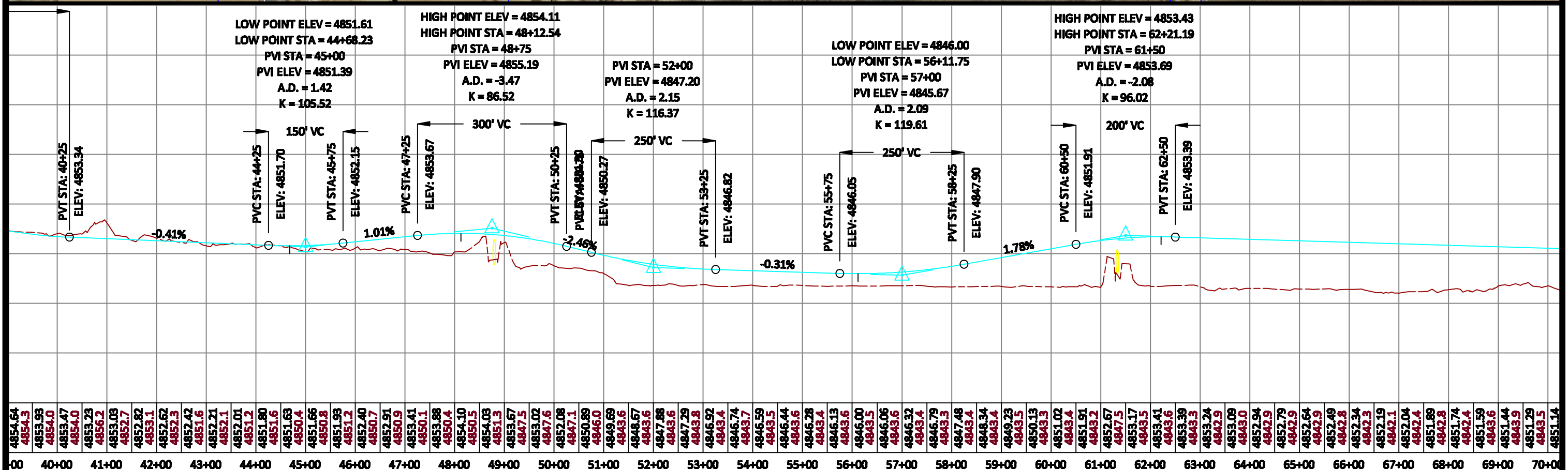
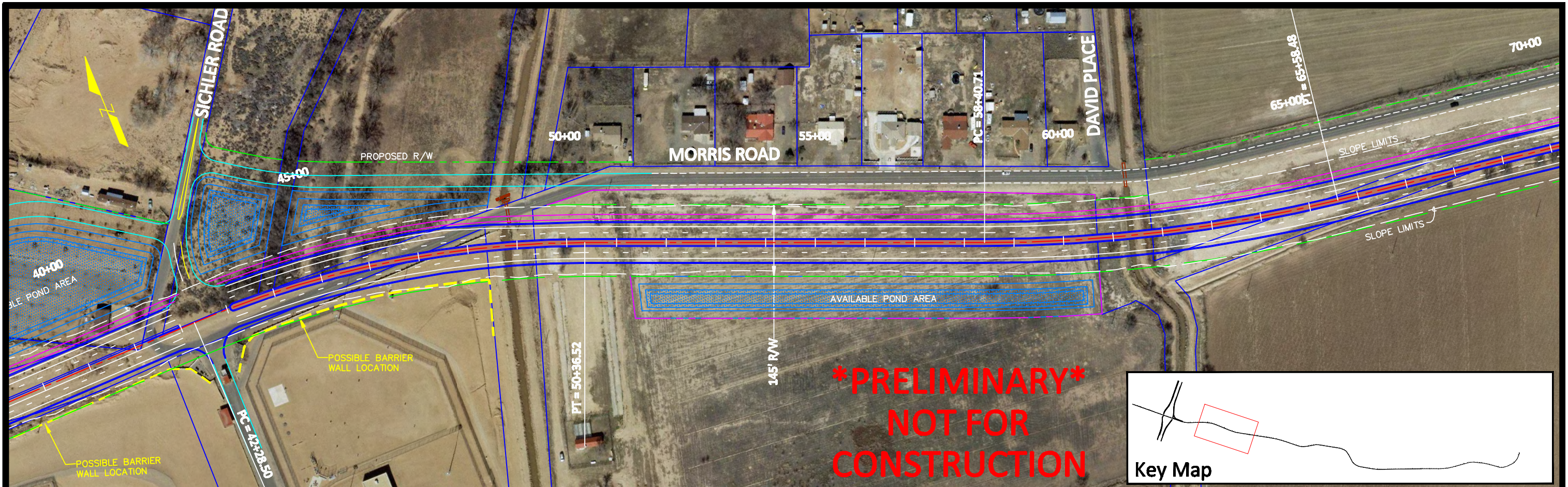


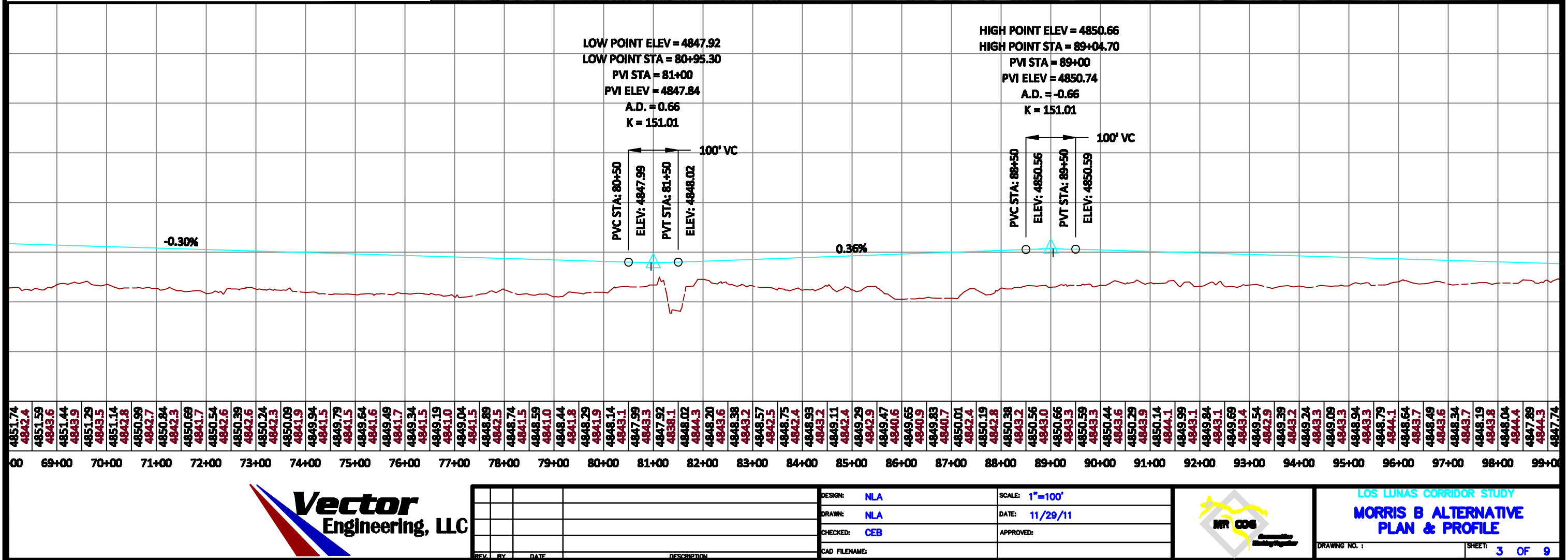
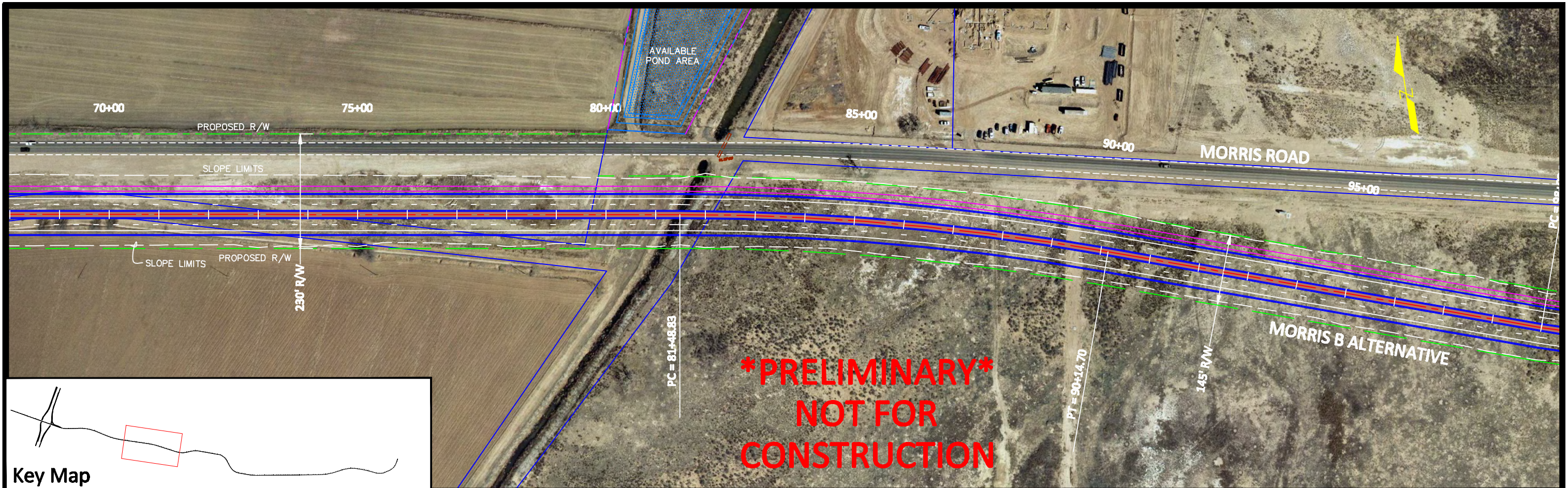
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DESIGN:	NLA	SCALE:	1"=100'
DRAWN:	NLA	DATE:	11/29/11
CHECKED:	CEB	APPROVED:	
CAD FILENAME:			



LOS LUNAS CORRIDOR STUDY	
MORRIS B ALTERNATIVE	
PLAN & PROFILE	
DRAWING NO. :	SHEET: 1 OF 9

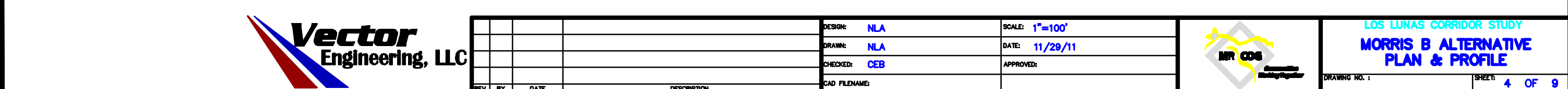
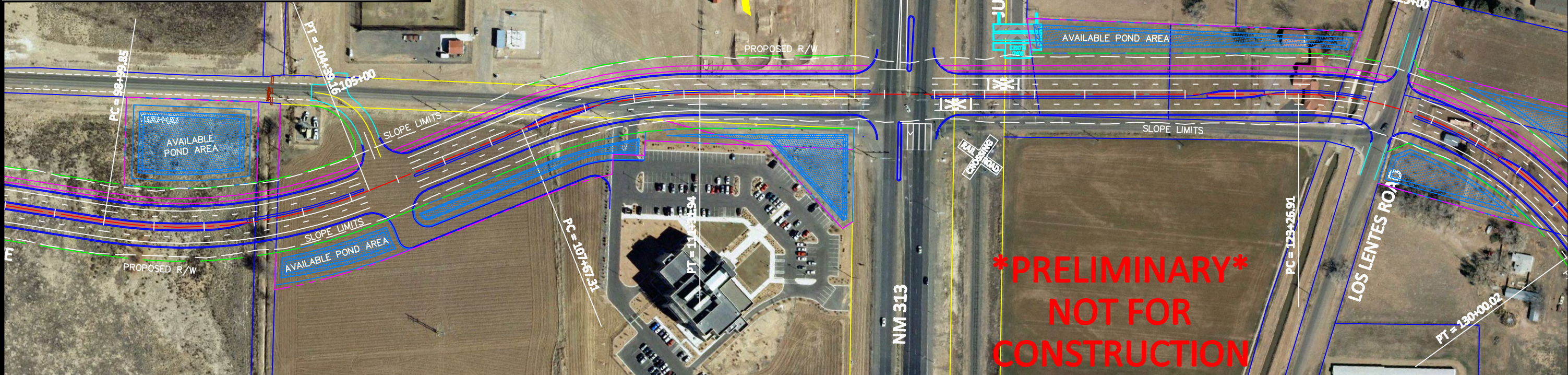


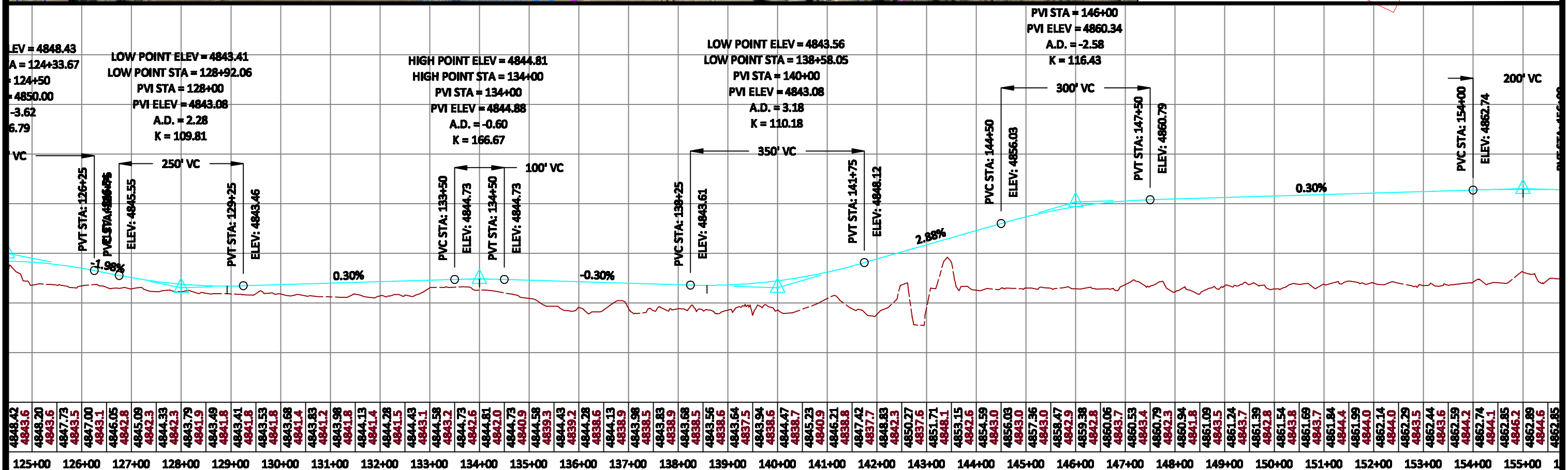
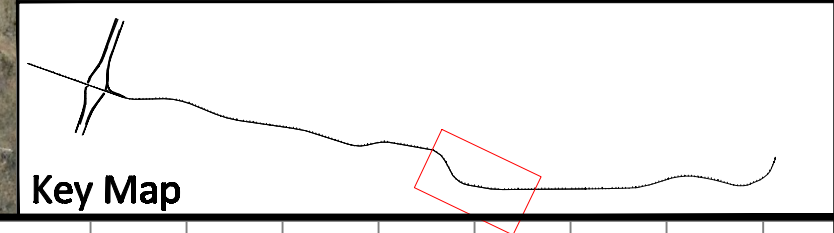
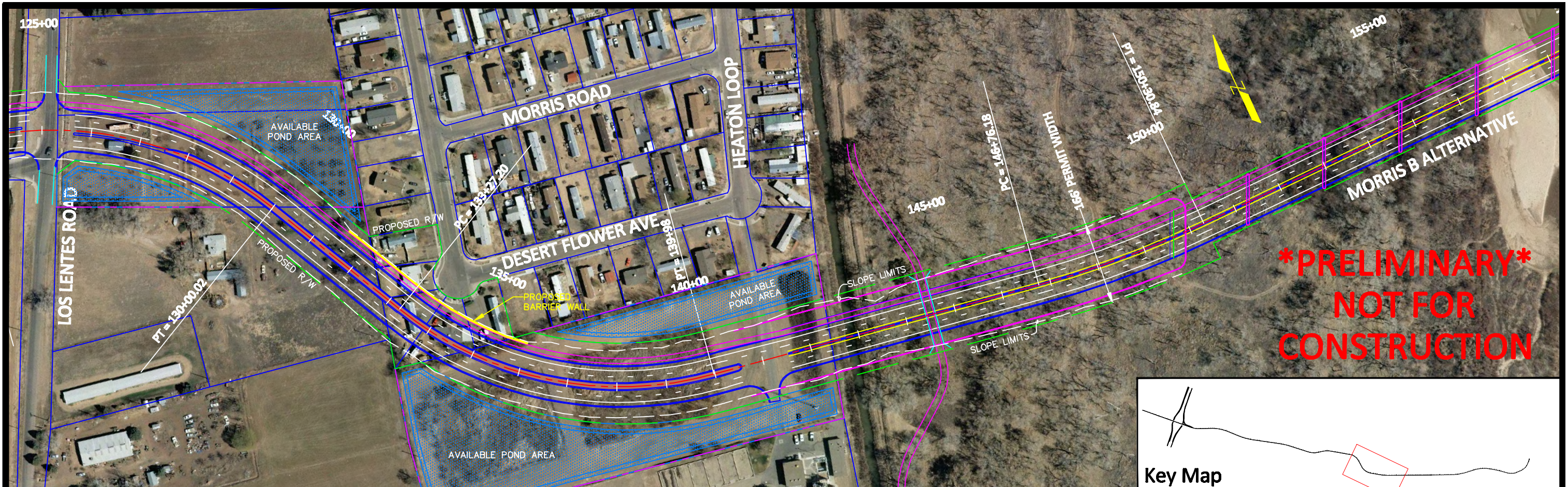


REV	BY	DATE	DESCRIPTION

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CHECKED:	CEB	APPROVED:	
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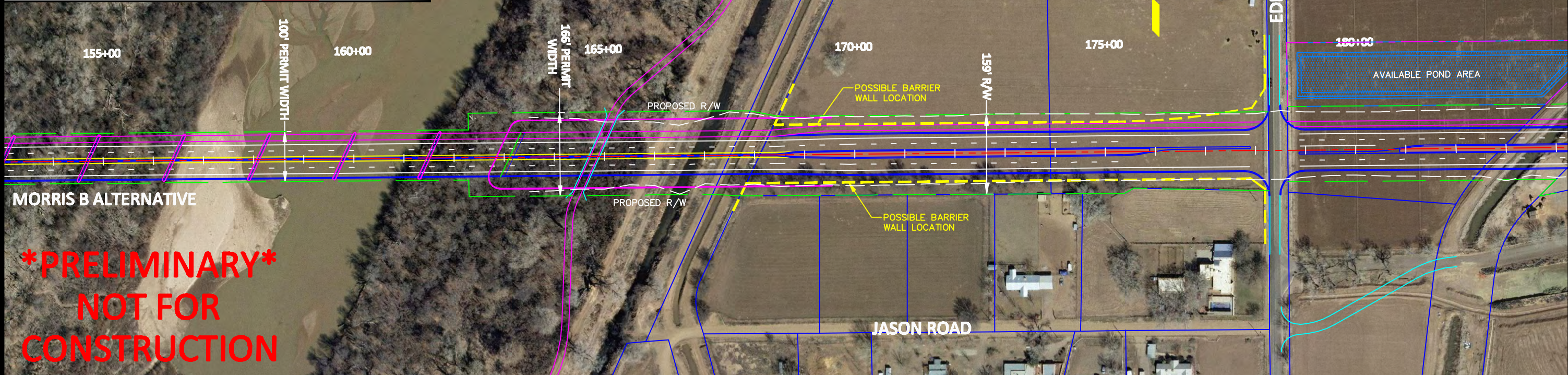






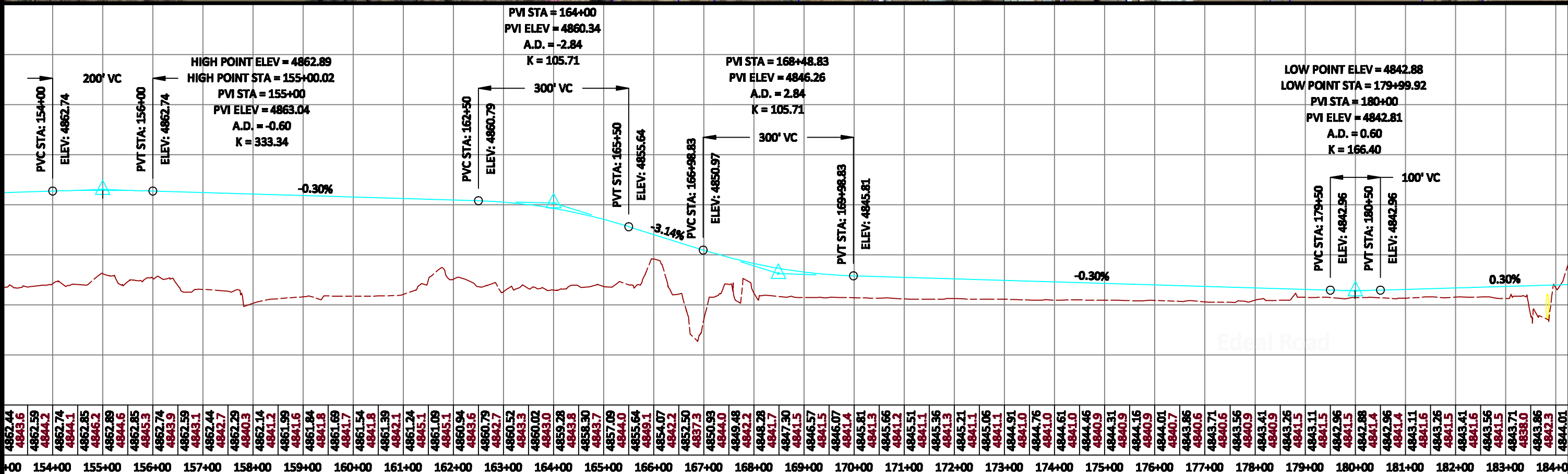


Key Map



MORRIS B ALTERNATIVE

PRELIMINARY
NOT FOR
CONSTRUCTION



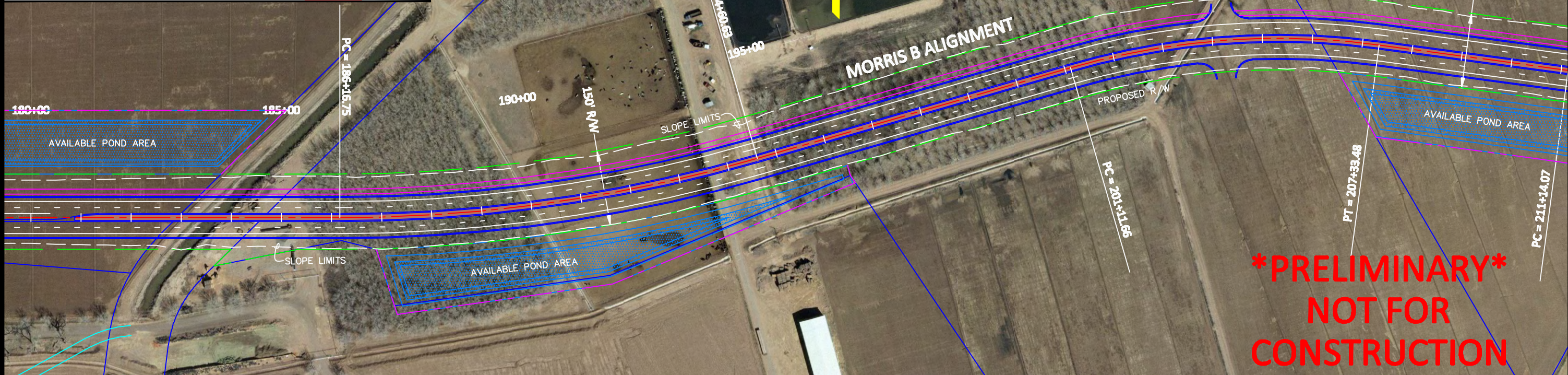
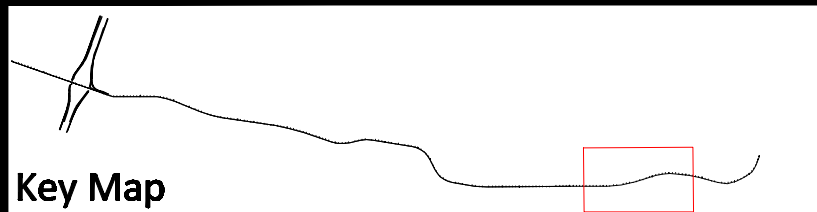
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4843.6	4844.2	4844.1	4844.6	4844.6	4844.6	4844.6	4844.1	4843.7	4843.2	4842.7	4842.2	4841.6	4841.1	4840.6	4840.1	4839.6	4839.1	4838.6	4838.1	4837.6	4837.1	4836.6	4836.1	4835.6	4835.1	4834.6	4834.1	4833.6	4833.1	4832.6	4832.1	4831.6	4831.1	4830.6	4830.1	4829.6	4829.1	4828.6	4828.1	4827.6	4827.1	4826.6	4826.1	4825.6	4825.1	4824.6	4824.1	4823.6	4823.1	4822.6	4822.1	4821.6	4821.1	4820.6	4820.1	4819.6	4819.1	4818.6	4818.1	4817.6	4817.1	4816.6	4816.1	4815.6	4815.1	4814.6	4814.1	4813.6	4813.1	4812.6	4812.1	4811.6	4811.1	4810.6	4810.1	4809.6	4809.1	4808.6	4808.1	4807.6	4807.1	4806.6	4806.1	4805.6	4805.1	4804.6	4804.1	4803.6	4803.1	4802.6	4802.1	4801.6	4801.1	4800.6	4800.1	4799.6	4799.1	4798.6	4798.1	4797.6	4797.1	4796.6	4796.1	4795.6	4795.1	4794.6	4794.1	4793.6	4793.1	4792.6	4792.1	4791.6	4791.1	4790.6	4790.1	4789.6	4789.1	4788.6	4788.1	4787.6	4787.1	4786.6	4786.1	4785.6	4785.1	4784.6	4784.1	4783.6	4783.1	4782.6	4782.1	4781.6	4781.1	4780.6	4780.1	4779.6	4779.1	4778.6	4778.1	4777.6	4777.1	4776.6	4776.1	4775.6	4775.1	4774.6	4774.1	4773.6	4773.1	4772.6	4772.1	4771.6	4771.1	4770.6	4770.1	4769.6	4769.1	4768.6	4768.1	4767.6	4767.1	4766.6	4766.1	4765.6	4765.1	4764.6	4764.1	4763.6	4763.1	4762.6	4762.1	4761.6	4761.1	4760.6	4760.1	4759.6	4759.1	4758.6	4758.1	4757.6	4757.1	4756.6	4756.1	4755.6	4755.1	4754.6	4754.1	4753.6	4753.1	4752.6	4752.1	4751.6	4751.1	4750.6	4750.1	4749.6	4749.1	4748.6	4748.1	4747.6	4747.1	4746.6	4746.1	4745.6	4745.1	4744.6	4744.1	4743.6	4743.1	4742.6	4742.1	4741.6	4741.1	4740.6	4740.1	4739.6	4739.1	4738.6	4738.1	4737.6	4737.1	4736.6	4736.1	4735.6	4735.1	4734.6	4734.1	4733.6	4733.1	4732.6	4732.1	4731.6	4731.1	4730.6	4730.1	4729.6	4729.1	4728.6	4728.1	4727.6	4727.1	4726.6	4726.1	4725.6	4725.1	4724.6	4724.1	4723.6	4723.1	4722.6	4722.1	4721.6	4721.1	4720.6	4720.1	4719.6	4719.1	4718.6	4718.1	4717.6	4717.1	4716.6	4716.1	4715.6	4715.1	4714.6	4714.1	4713.6	4713.1	4712.6	4712.1	4711.6	4711.1	4710.6	4710.1	4709.6	4709.1	4708.6	4708.1	4707.6	4707.1	4706.6	4706.1	4705.6	4705.1	4704.6	4704.1	4703.6	4703.1	4702.6	4702.1	4701.6	4701.1	4700.6	4700.1	4699.6	4699.1	4698.6	4698.1	4697.6	4697.1	4696.6	4696.1	4695.6	4695.1	4694.6	4694.1	4693.6	4693.1	4692.6	4692.1	4691.6	4691.1	4690.6	4690.1	4689.6	4689.1	4688.6	4688.1	4687.6	4687.1	4686.6	4686.1	4685.6	4685.1	4684.6	4684.1	4683.6	4683.1	4682.6	4682.1	4681.6	4681.1	4680.6	4680.1	4679.6	4679.1	4678.6	4678.1	4677.6	4677.1	4676.6	4676.1	4675.6	4675.1	4674.6	4674.1	4673.6	4673.1	4672.6	4672.1	4671.6	4671.1	4670.6	4670.1	4669.6	4669.1	4668.6	4668.1	4667.6	4667.1	4666.6	4666.1	4665.6	4665.1	4664.6	4664.1	4663.6	4663.1	4662.6	4662.1	4661.6	4661.1	4660.6	4660.1	4659.6	4659.1	4658.6	4658.1	4657.6	4657.1	4656.6	4656.1	4655.6	4655.1	4654.6	4654.1	4653.6	4653.1	4652.6	4652.1	4651.6	4651.1	4650.6	4650.1	4649.6	4649.1	4648.6	4648.1	4647.6	4647.1	4646.6	4646.1	4645.6	4645.1	4644.6	4644.1	4643.6	4643.1	4642.6	4642.1	4641.6	4641.1	4640.6	4640.1	4639.6	4639.1	4638.6	4638.1	4637.6	4637.1	4636.6	4636.1	4635.6	4635.1	4634.6	4634.1	4633.6	4633.1	4632.6	4632.1	4631.6	4631.1	4630.6	4630.1	4629.6	4629.1	4628.6	4628.1	4627.6	4627.1	4626.6	4626.1	4625.6	4625.1	4624.6	4624.1	4623.6	4623.1	4622.6	4622.1	4621.6	4621.1	4620.6	4620.1	4619.6	4619.1	4618.6	4618.1	4617.6	4617.1	4616.6	4616.1	4615.6	4615.1	4614.6	4614.1	4613.6	4613.1	4612.6	4612.1	4611.6	4611.1	4610.6	4610.1	4609.6	4609.1	4608.6	4608.1	4607.6	4607.1	4606.6	4606.1	4605.6	4605.1	4604.6	4604.1	4603.6	4603.1	4602.6	4602.1	4601.6	4601.1	4600.6	4600.1	4599.6	4599.1	4598.6	4598.1	4597.6	4597.1	4596.6	4596.1	4595.6	4595.1	4594.6	4594.1	4593.6	4593.1	4592.6	4592.1	4591.6	4591.1	4590.6	4590.1	4589.6	4589.1	4588.6	4588.1	4587.6	4587.1	4586.6	4586.1	4585.6	4585.1	4584.6	4584.1	4583.6	4583.1	4582.6	4582.1	4581.6	4581.1	4580.6	4580.1	4579.6	4579.1	4578.6	4578.1	4577.6	4577.1	4576.6	4576.1	4575.6	4575.1	4574.6	4574.1	4573.6	4573.1	4572.6	4572.1	4571.6	4571.1	4570.6	4570.1	4569.6	4569.1	4568.6	4568.1	4567.6	4567.1	4566.6	4566.1	4565.6	4565.1	4564.6	4564.1	4563.6	4563.1	4562.6	4562.1	4561.6	4561.1	4560.6	4560.1	4559.6	4559.1	4558.6	4558.1	4557.6	4557.1	4556.6	4556.1	4555.6	4555.1	4554.6	4554.1	4553.6	4553.1	4552.6	4552.1	4551.6	4551.1	4550.6	4550.1	4549.6	4549.1	4548.6	4548.1	4547.6	4547.1	4546.6	4546.1	4545.6	4545.1	4544.6	4544.1	4543.6	4543.1	4542.6	4542.1	4541.6	4541.1	4540.6	4540.1	4539.6	4539.1	4538.6	4538.1	4537.6	4537.1	4536.6	4536.1	4535.6	4535.1	4534.6	4534.1	4533.6	4533.1	4532.6	4532.1	4531.6	4531.1	4530.6	4530.1	4529.6	4529.1	4528.6	4528.1	4527.6	4527.1	4526.6	4526.1	4525.6	4525.1	4524.6	4524.1	4523.6	4523.1	4522.6	4522.1	4521.6	4521.1	4520.6	4520.1	4519.6	4519.1	4518.6	4518.1	4517.6	4517.1	4516.6	4516.1	4515.6	4515.1	4514.6	4514.1	4513.6	4513.1	4512.6	4512.1	4511.6	4511.1	4510.6	4510.1	4509.6	4509.1	4508.6	4508.1	4507.6	4507.1	4506.6	4506.1	4505.6	4505.1	4504.6	4504.1	4503.6	4503.1	4502.6	4502.1	4501.6	4501.1	4500.6	4500.1	4499.6	4499.1	4498.6	4498.1	4497.6	4497.1	4496.6	4496.1	4495.6	4495.1	4494.6	4494.1	4493.6	4493.1	4492.6	4492.1	4491.6	4491.1	4490.6	4490.1	4489.6	4489.1	4488.6	4488.1	4487.6	4487.1	4486.6	4486.1	4485.6	4485.1	4484.6	4484.1	4483.6	4483.1	4482.6	4482.1	4481.6	4481.1	4480.6	4480.1	4479.6	4479.1	4478.6	4478.1	4477.6	4477.1	4476.6	4476.1	4475.6	4475.1	4474.6	4474.1	4473.6	4473.1	4472.6	4472.1	4471.6	4471.1	4470.6	4470.1	4469.6	4469.1	4468.6	4468.1	4467.6	4467.1	4466.6	4466.1	4465.6	4465.1	4464.6	4464.1	4463.6	4463.1	4462.6	4462.1	4461.6	4461.1	4460.6	4460.1	4459.6	4459.1	4458.6	4458.1	4457.6	4457.1	4456.6	4456.1	4455.6	4455.1	4454.6	4454.1	4453.6	4453.1	4452.6	4452.1	4451.6	4451.1	4450.6	4450.1	4449.6	4449.1	4448.6	4448.1	4447.6	4447.1	4446.6	4446.1	4445.6	4445.1	4444.6	4444.1	4443.6	4443.1	4442.6	4442.1	4441.6	4441.1	4440.6	4440.1	4439.6	4439.1	4438.6	4438.1	4437.6	4437.1	4436.6	4436.1	4435.6	4435.1	4434.6	4434.1	4433.6	4433.1	4432.6	4432.1	4431.6	4431.1	4430.6	4430.1	4429.6	4429.1	4428.6	4428.1	4427.6	4427.1	4426.6	4426.1	4425.6	4425.1	4424.6	4424.1	4423.6	4423.1	4422.6	4422.1	4421.6	4421.1	4420.6	4420.1	4419.6	4419.1	4418.6	4418.1	4417.6	4417.1	4416.6	4416.1	4415.6	4415.1	4414.6	4414.1	4413.6	4413.1	4412.6	4412.1	4411.6	4411.1	4410.6	4410.1	4409.6	4409.1	4408.6	4408.1	4407.6	4407.1	4406.6	4406.1	4405.6	4405.1	4404.6	4404.1	4403.6	4403.1	4402.6	4402.1	4401.6	4401.1	4400.6	4400.1	4399.6	4399.1	4398.6	4398.1	4397.6	4397.1	4396.6	4396.1	4395.6	4395.1	4394.6	4394.1	4393.6	4393.1	4392.6	4392.1	4391.6	4391.1	4390.6	4390.1	4389.6	4389.1	4388.6	4388.1	4387.6	4387.1	4386.6	4386.1	4385.6	4385.1	4384.6	4384.1	4383.6	4383.1	4382.6	4382.1	4381.6	4381.1	4380.6	4380.1	4379.6	4379.1	4378.6	4378.1	4377.6	4377.1	4376.6	4376.1	4375.6	4375.1	4374.6	4374.1	4373.6	4373.1	4372.6	4372.1	4371.6	4371.1	4370.6	4370.1	4369.6	4369.1	4368.6	4368.1	4367.6	4367.1	4366.6	4366.1	4365.6	4365.1	4364.6	4364.1	4363.6	4363.1	4362.6	4362.1	4361.6	4361.1	4360.6	4360.1	4359.6	4359.1	4358.6	4358.1	4357.6	4357.1	4356.6	4356.1	4355.6	4355.1	4354.6	4354.1	4353.6	4353.1	4352.6	4352.1	4351.6	4351.1	4350.6	4350.1	4349.6	4349.1	4348.6	4348.1	4347.6	4347.1	4346.6	4346.1	4345.6	4345.1	4344.6	4344.1	4343.6	4343.1	4342.6	4342.1	4341.6	4341.1	4340.6	4340.1	4339.6	4339.1	4338.6	4338.1	4337.6	4337.1	4336.6	4336.1	4335.6	4335.1	4334.6	4334.1	4333.6	4333.1	4332.6	4332.1	4331.6	4331.1	4330.6	4330.1	4329.6	4329.1	4328.6	4328.1	4327.6	4327.1	4326.6	4326.1	4325.6	4325.1	4324.6	4324.1	4323.6	4323.1	4322.6	4322.1	4321.6	4321.1	4320.6	4320.1	43



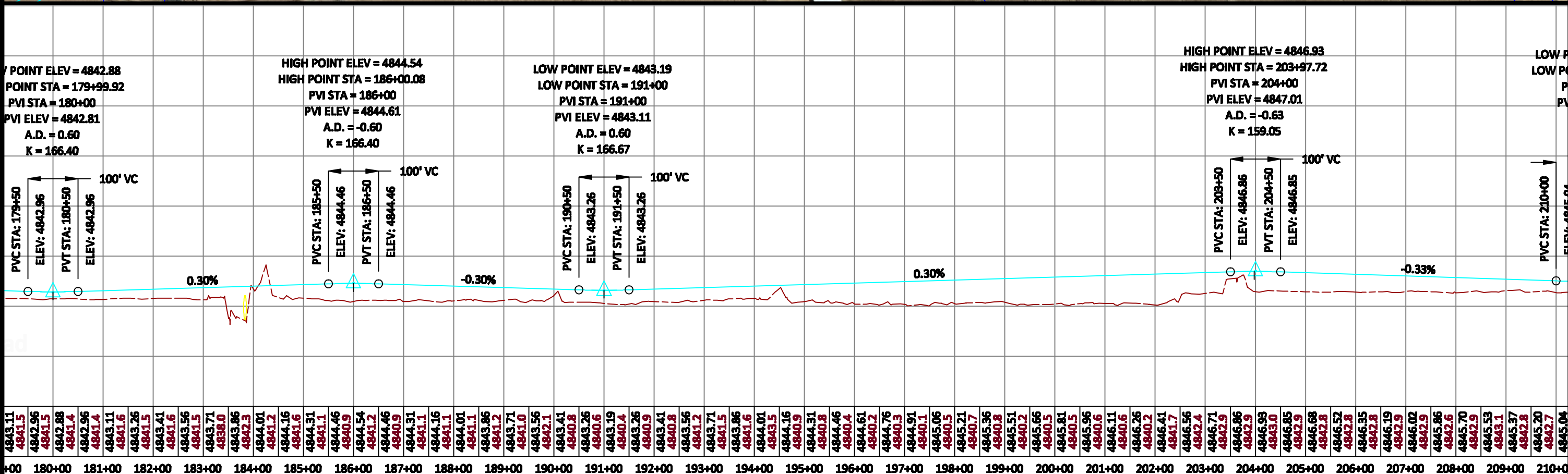
REV	BY	DATE	DESCRIPTION

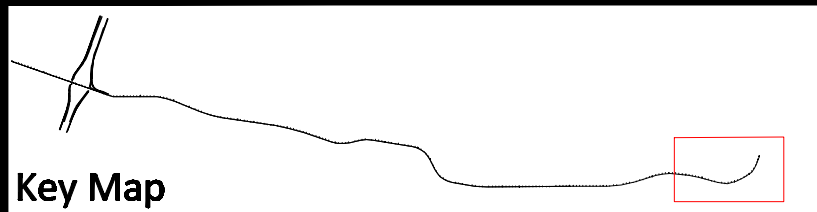
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DRAWN:	NLA	DATE:	11/29/11
CHECKED:	CEB	APPROVED:	
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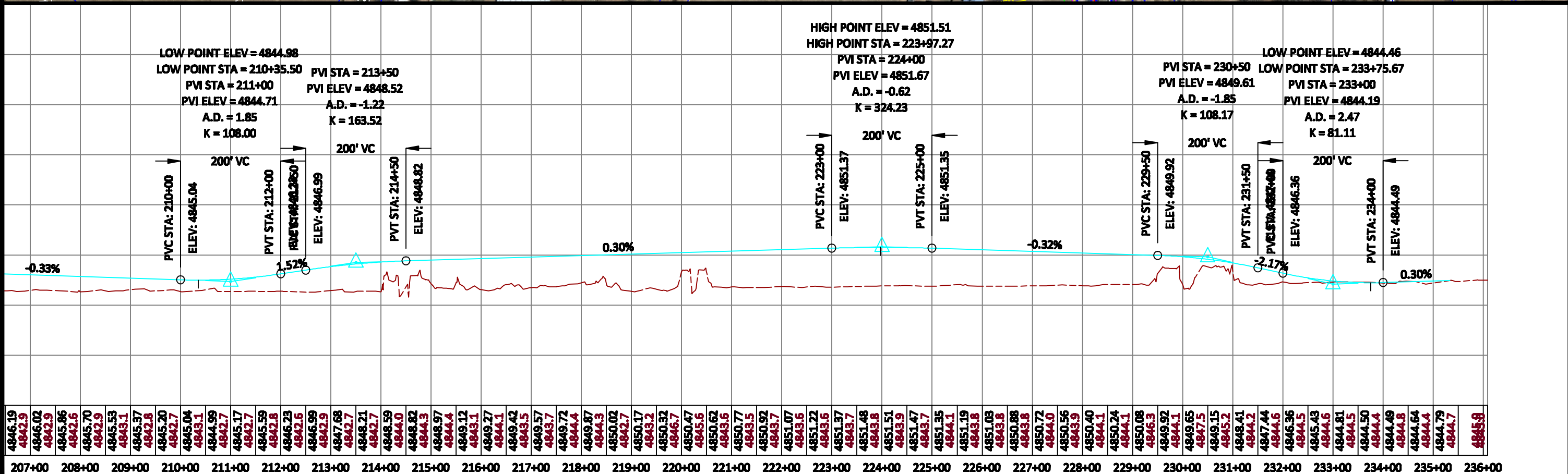
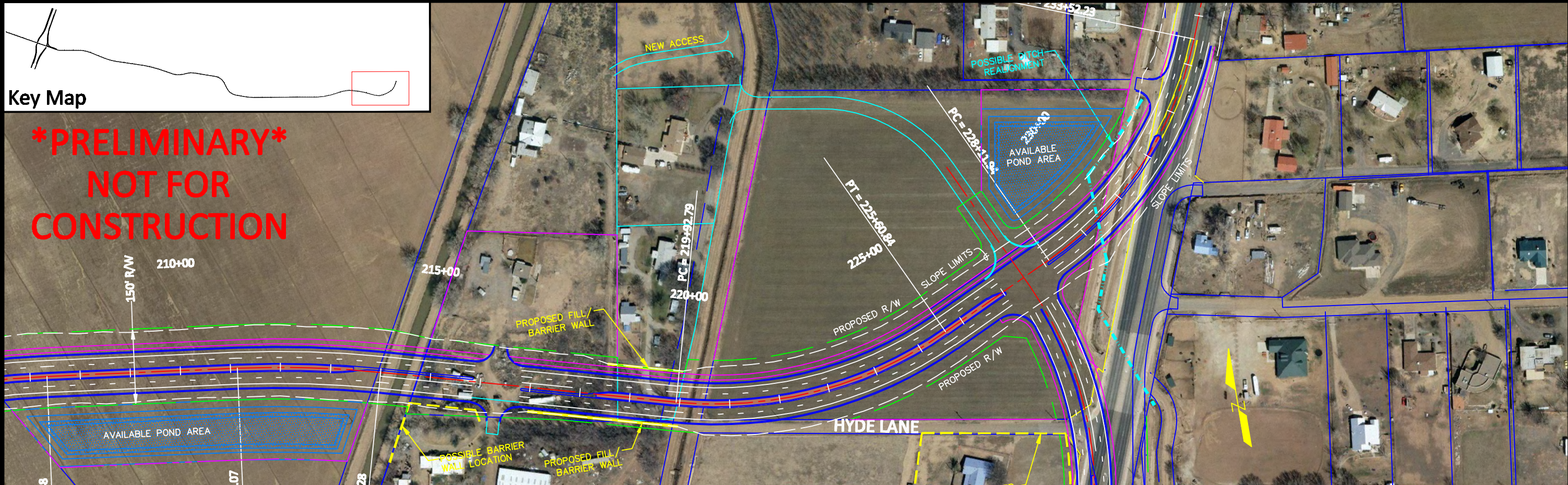
PRELIMINARY
NOT FOR
CONSTRUCTION





Key Map

PRELIMINARY
NOT FOR
CONSTRUCTION



REV	BY	DATE	DESCRIPTION

DESIGN:	NLA
DRAWN:	NLA
CHECKED:	CEB
CAD FILENAME:	

SCALE:	1"=100'
DATE:	11/29/11
APPROVED:	



TITLE SHEET

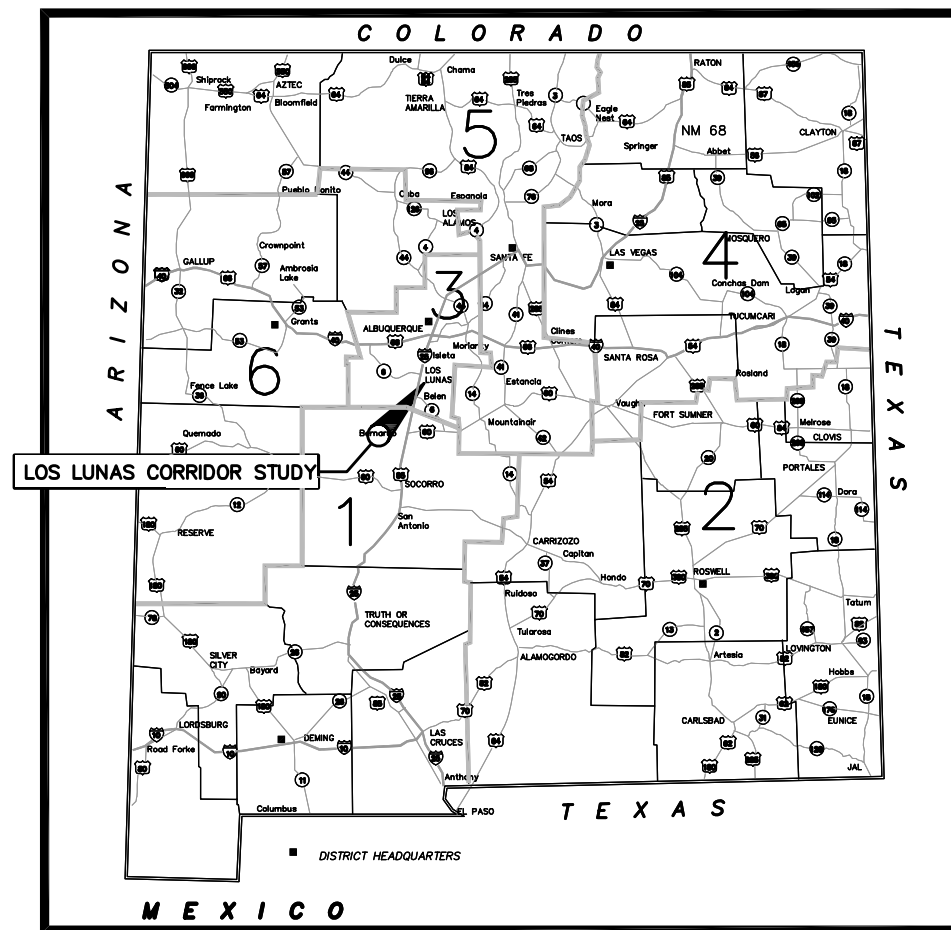
PRELIMINARY RIGHT-OF-WAY MAPS

LOS LUNAS CORRIDOR STUDY

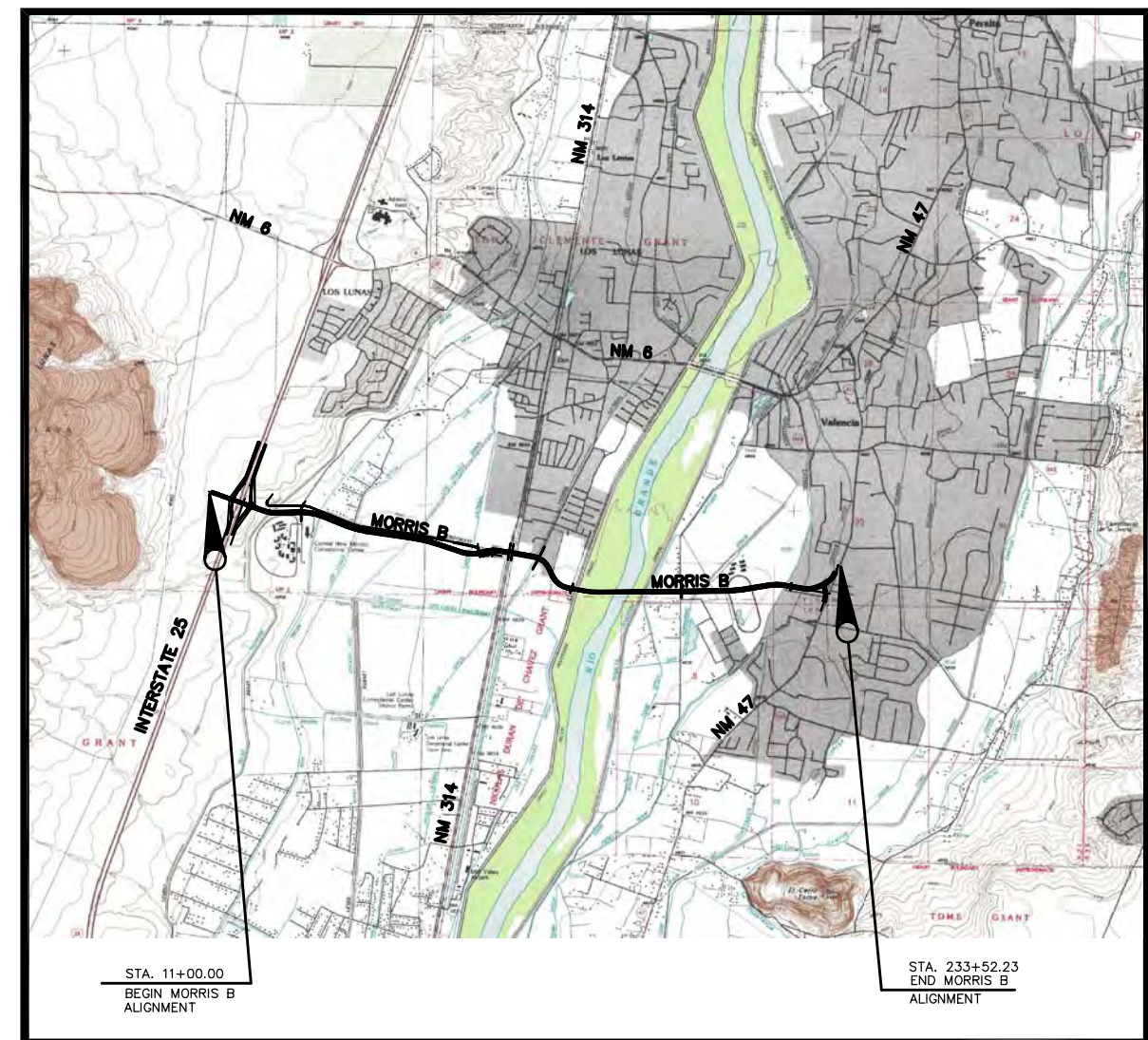
MORRIS B ALIGNMENT

LENGTH OF PROJECT = 4.2 MILES

LENGTH OF R.O.W. = 4.2 MILES



VICINITY MAP



LOCATION MAP

TOTAL RIGHT-OF-WAY ACREAGE
MORRIS B = 112.4±

TOTAL NON-RIGHT-OF-WAY ACREAGE
MORRIS B = 3.6±

ACCESS CONTROLLED

VILLAGE OF LOS LUNAS
PRELIMINARY
RIGHT-OF-WAY MAP
LOS LUNAS CORRIDOR STUDY
MORRIS B. ALIGNMENT
VALENCIA COUNTY
SHEET 1 OF 9

Right-of-Way Maps Prepared By:

PB PB Americas, Inc.
6100 Uptown Blvd.
Suite 700
Albuquerque, NM 87110
(505) 881-5357



Parcel Number	Owner	Area Acres	Larger Parcel	Area Remainder Acres	Legal Description
2-1	Huning Limited Partnership	7.2	876.8	869.60	Portion of Tract 1-A-1-A Lands of Huning Limited Partnership Plat filed: 1/09/2007 Cab. J. Pg. 748
2-2	Cecil L. Poppe	0.17		Total Take	5-2-EL NMP 1-025-3(18)194
2-3	Huning Limited Partnership	1.52	7.83	6.31	Westerly Portion of Tract 2-A Rancho Valencia Plat filed: 10/25/2006 Cab. J. Pg. 734
2-4	Huning Limited Partnership	9.92		Total Take	Tract 2-B Rancho Valencia
2-5	New Mexico General Services Dept.	1.29			
2-7	Middle Rio Grande Conservancy District	1.80			Portion Belen Highline Canal
2-8	Emil Kiehne And Sons, Inc.	0.75		Total Take	Tract 3 Rancho Valencia Plat filed: 10/25/2006 Cab. J. Pg. 734
2-9	New Mexico General Services Dept.	0.38	15.60	15.22	Northerly Portion of Tr. 2-A MRGCD Map 74
2-10	Emil Kiehne And Sons, Inc.	0.84		Total Take	Tract 4 Rancho Valencia Plat filed: 10/25/2006 Cab. J. Pg. 734
2-11	HRC Investments, LLC	3.72		Total Take	Tract 1 Lands of Parrie V. Shortle, et al Plat filed: 5/11/1989 Cab. E. Pg. 400

NGS DISK SET IN CONC. MARKED
"LUNAGALLUP 2 1979"
EL. 4911.56'
S45°07'04"W
11252.70'
11+00
15+00

TRACT 1-A-1-A
HUNING LIMITED PARTNERSHIP
PLAT FILED: 1/09/2007
CAB. J, PG. 748

Legend

- DENOTES EXISTING R/W & ACCESS CONTROL
- DENOTES PROPOSED R/W LINE
- DENOTES PROPOSED R/W & ACCESS CONTROL LINE
- DENOTES PROPOSED ACCESS CONTROL LINE
- DENOTES LOS LUNAS VILLAGE LIMITS
- DENOTES R/W PARCEL NUMBER
- DENOTES PROPOSED R/W AREA
- DENOTES PROPOSED NRW AREA

INTERSTATE 25
300' R.O.W.
NMP 1-025-3(18)194

NEW MEXICO GENERAL SERVICES DEPT.
DEED FILED
BK. B6, PG. 312

MORRIS RD.
100' R.O.W.

TRACT 2-B
RANCHO VALENCIA
PLAT FILED: 10/25/2006
CAB. J, PG. 734

STA: 31+56.39 71.94' LT.
"CP-61" 5/8" RBR. W/
PLASTIC CAP
EL. 4889.36'

MORRIS B. C.
PI=32+40.77
Δ=20°29'37"
D=05°43'46"
T=180.77'
L=357.68'
R=1000.00'

TRACT 2-C
RANCHO VALENCIA
PLAT FILED: 10/25/2006
CAB. J, PG. 734

TRACT 2-A
RANCHO VALENCIA
PLAT FILED: 10/25/2006
CAB. J, PG. 734

TRACT 1-C-1-B
LANDS OF JOE GARCIA

TRACT 1
LANDS OF SHORTLE
PLAT: 4/11/89
CAB. E, PG. 400

TRACT 4
RANCHO VALENCIA

MORRIS RD.
100' R.O.W.
N88°59'43"E

TRACT 3
RANCHO VALENCIA

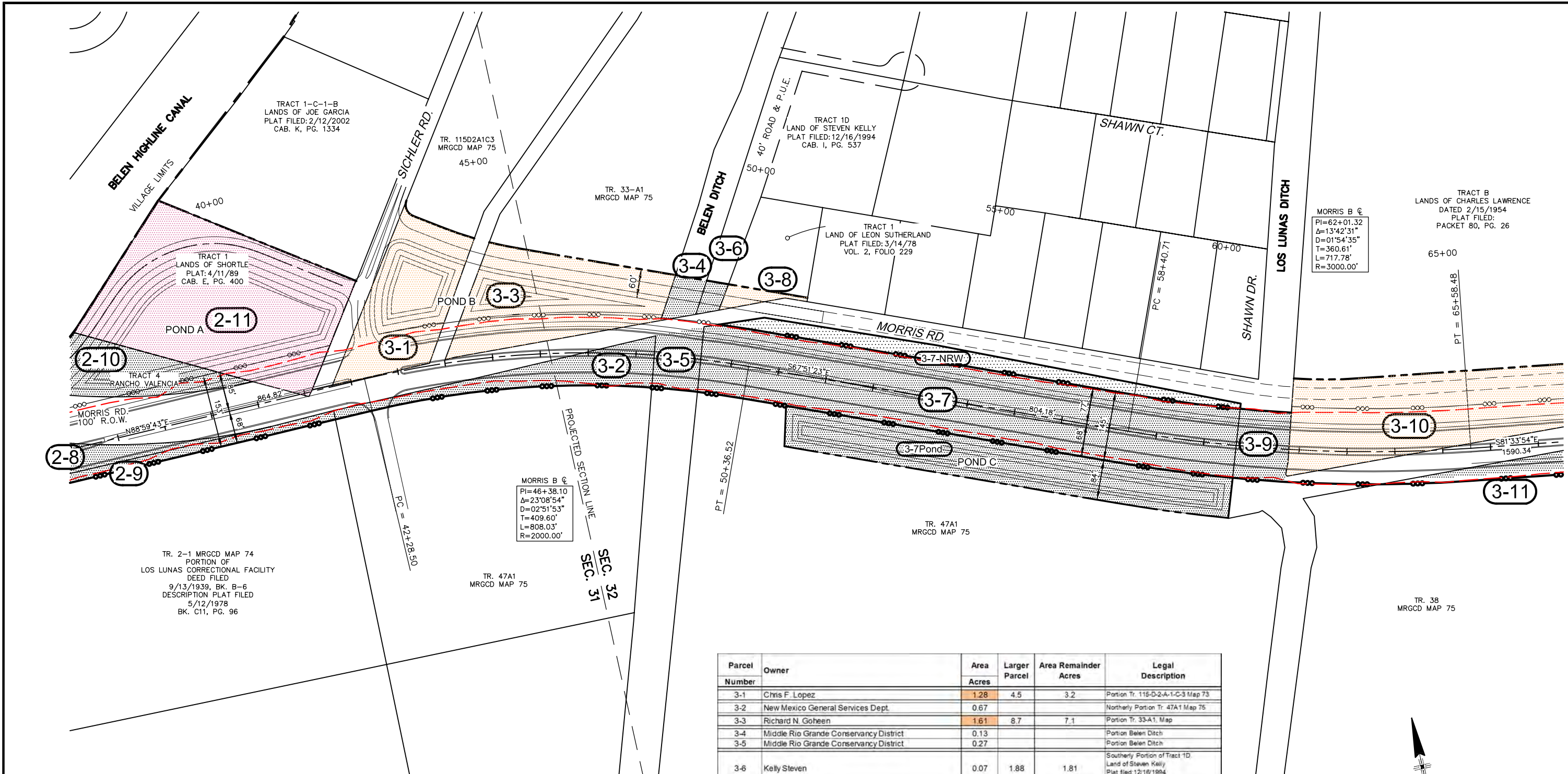
TR. 2-1 MRGCD MAP 74
PORTION OF
LOS LUNAS CORRECTIONAL FACILITY
DEED FILED
9/13/1939, BK. B-6
DESCRIPTION PLAT FILED
5/12/1978
BK. C11, PG. 96

SCALE: 1"=100'

ACCESS CONTROLLED

VILLAGE OF LOS LUNAS
PRELIMINARY
RIGHT-OF-WAY MAP
LOS LUNAS CORRIDOR STUDY
MORRIS B. ALIGNMENT
VALENCIA COUNTY
SCALE 1"=100'
SHEET 2 OF 9

Right-of-Way Maps Prepared By:
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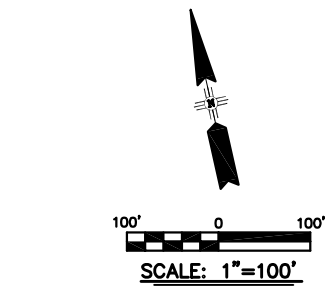
Legend

- DENOTES PROPOSED R/W LINE
- DENOTES PROPOSED R/W & ACCESS CONTROL LINE
- DENOTES PROPOSED ACCESS CONTROL LINE
- DENOTES LOS LUNAS VILLAGE LIMITS
- (2-3) DENOTES R/W PARCEL NUMBER
- [Pattern] DENOTES PROPOSED R/W AREA
- [Pattern] DENOTES PROPOSED NRW AREA
- [Pattern] DENOTES HIGH PRIORITY RANKING
- [Pattern] DENOTES MODERATE PRIORITY RANKING

Parcel Number	Owner	Area Acres	Larger Parcel	Area Remainder Acres	Legal Description
3-1	Chris F. Lopez	1.28	4.5	3.2	Portion Tr. 115-D-2-A-1-C-3 Map 73
3-2	New Mexico General Services Dept.	0.67			Northerly Portion Tr. 47A1 Map 75
3-3	Richard N. Goheen	1.61	8.7	7.1	Portion Tr. 33-A1, Map
3-4	Middle Rio Grande Conservancy District	0.13			Portion Belen Ditch
3-5	Middle Rio Grande Conservancy District	0.27			Portion Belen Ditch
3-6	Kelly Steven	0.07	1.88	1.81	Southerly Portion of Tract 1D, Land of Steven Kelly, Plat filed 12/16/1994 Cab. 1, Pg. 537
3-7	New Mexico General Services Dept.	3.77			Portion Tr. 47A1 Map 75
3-7Pond		1.82			
3-7-NRW		0.66			
3-8	Kevin S. Hazlett	0.10	0.75	0.65	Southerly Portion of Tract 1, Land of Leon Sutherland, Plat filed 3/14/78 Vol. 2, Folio 229
3-9	Middle Rio Grande Conservancy District	0.36			Portion Los Lunas Ditch
3-10	Thomas P. Tinnin	6.69	71.48	64.79	Tract B Lands of Charles Lawrence, Plat filed: Packet 80, Pg. 26
3-11	New Mexico General Services Dept.	1.02			Northerly Portion Tr. 38 Map 75

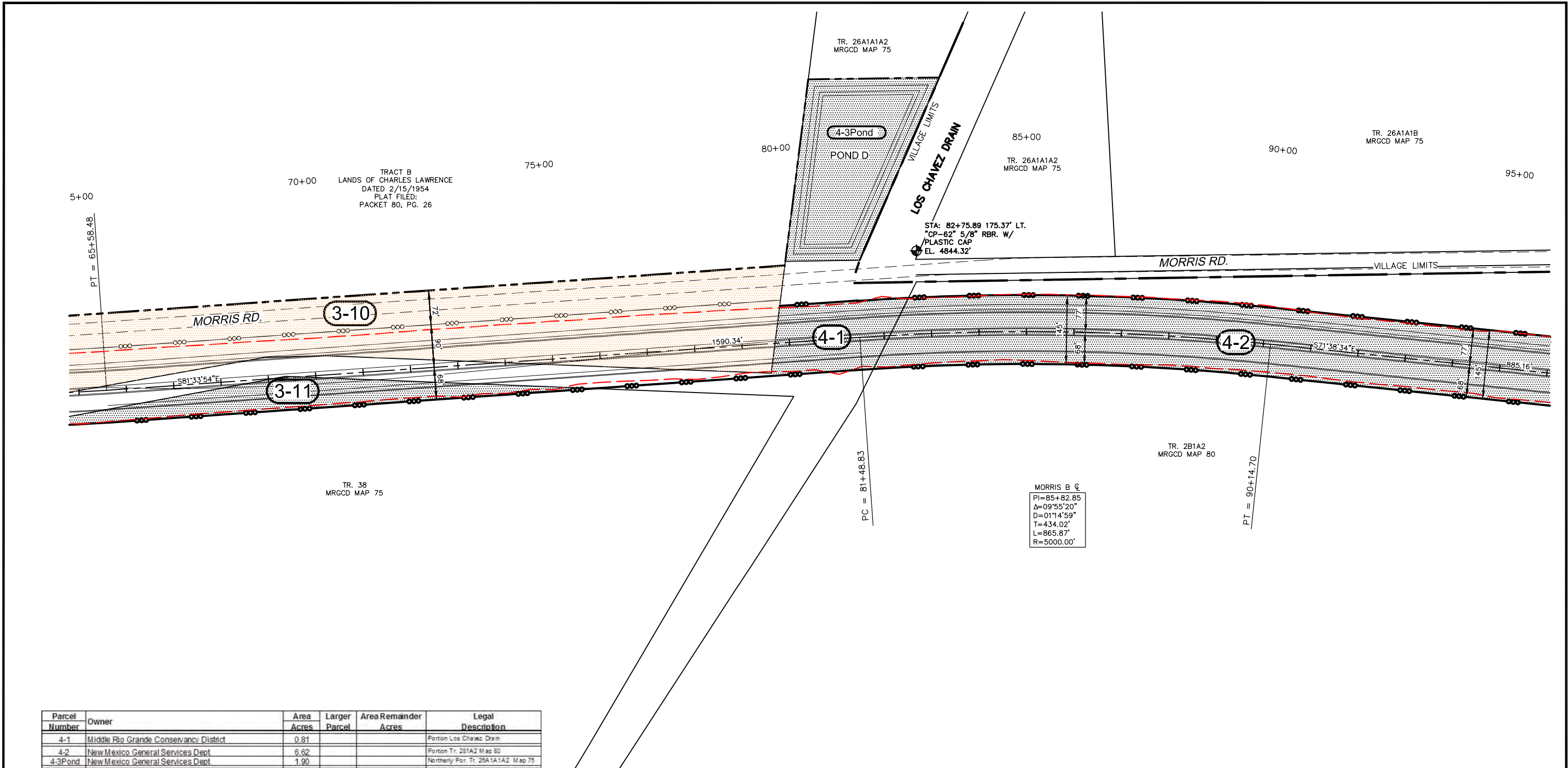
SAN CLEMENTE GRANT
PROJECTED SEC. 31 & 32
TOWNSHIP 7 NORTH, RANGE 2 EAST

ACCESS CONTROLLED



VILLAGE OF LOS LUNAS
PRELIMINARY
RIGHT-OF-WAY MAP
LOS LUNAS CORRIDOR STUDY
MORRIS B. ALIGNMENT
VALENCIA COUNTY
SCALE 1"=100'
SHEET 3 OF 9

Right-of-Way Maps Prepared By:
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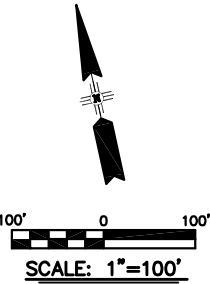
Parcel Number	Owner	Area Acres	Larger Parcel	Area Remainder Acres	Legal Description
4-1	Middle Rio Grande Conservancy District	0.81			Portion Los Chavez Drain
4-2	New Mexico General Services Dept.	6.62			Portion Tr. 261A2 Map 80
4-3 Pond	New Mexico General Services Dept.	1.90			Northerly Port. Tr. 26A1A1A2 Map 75

Legend

- DENOTES PROPOSED R/W LINE
- DENOTES PROPOSED R/W & ACCESS CONTROL LINE
- DENOTES PROPOSED ACCESS CONTROL LINE
- DENOTES LOS LUNAS VILLAGE LIMITS
- DENOTES R/W PARCEL NUMBER
- DENOTES PROPOSED R/W AREA
- DENOTES PROPOSED NRW AREA

- DENOTES HIGH PRIORITY RANKING
- DENOTES MODERATE PRIORITY RANKING

VILLAGE OF LOS LUNAS
SAN CLEMENTE GRANT
PROJECTED SEC. 32
TOWNSHIP 7 NORTH, RANGE 2 EAST

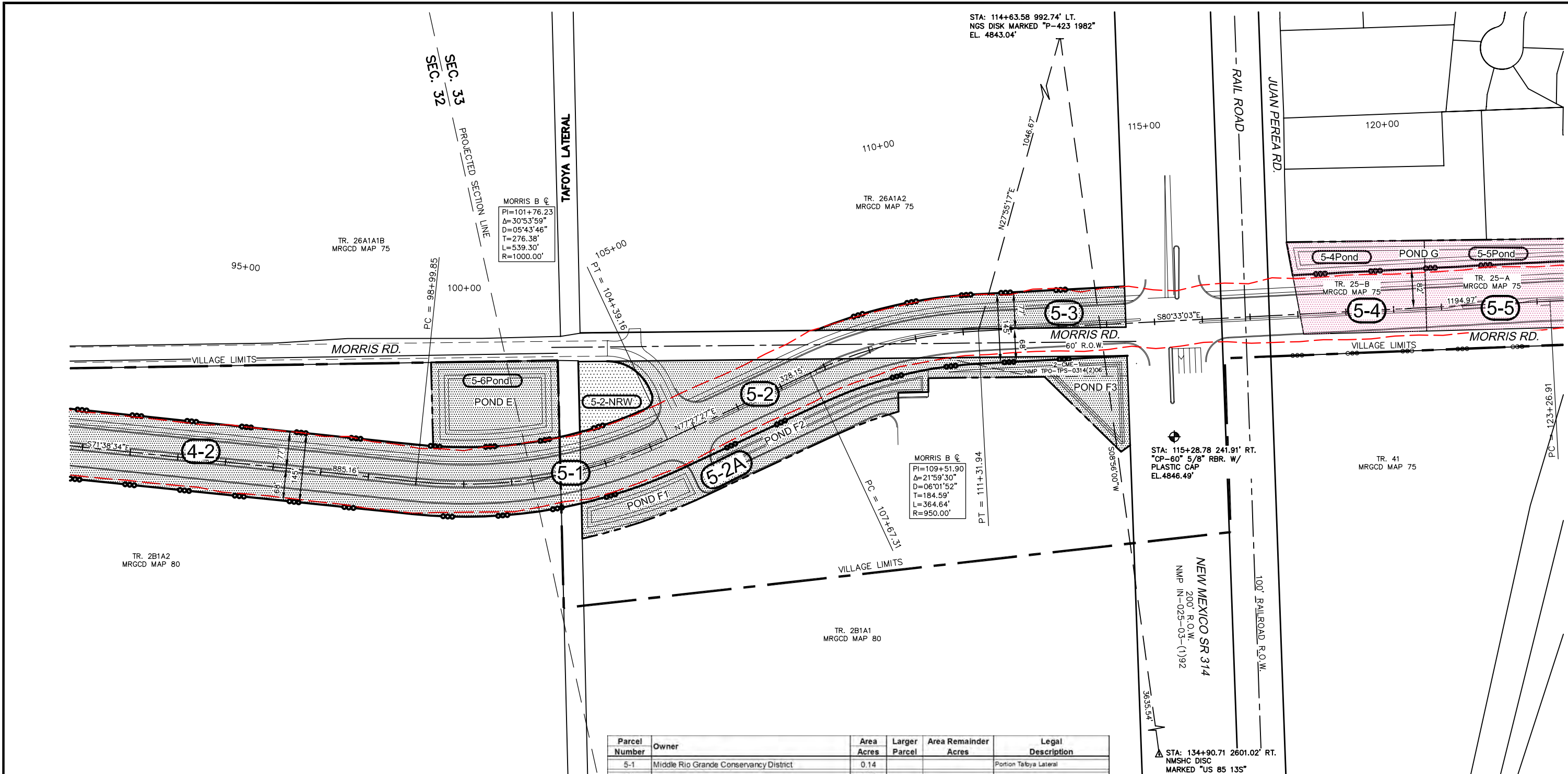


ACCESS CONTROLLED

VILLAGE OF LOS LUNAS
PRELIMINARY
RIGHT-OF-WAY MAP
LOS LUNAS CORRIDOR STUDY
MORRIS B. ALIGNMENT
VALENCIA COUNTY
SCALE 1"=100'
SHEET 4 OF 9

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Legend

- DENOTES PROPOSED R/W LINE
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- [Pattern] DENOTES HIGH PRIORITY RANKING
- [Pattern] DENOTES MODERATE PRIORITY RANKING

Parcel Number	Owner	Area Acres	Larger Parcel	Area Remainder Acres	Legal Description
5-1	Middle Rio Grande Conservancy District	0.14			Portion Tafeysa Lateral
5-2		2.34			
5-2A	New Mexico General Services Dept.	1.90			Northwest, Portion Tr. 2-B-1-A-1 Map 80
5-2-NRW		0.39			
5-3	New Mexico General Services Dept.	0.91			Southerly Portion Tr. 26-A-1-A-2 Map 75
5-4	Gerard & Anita Saiz	0.78			
5-4Pond		0.41		Total Take	Tract 25-B; Map 75
5-5	Gerard & Anita Saiz	1.06			
5-5Pond		0.44	1.50	Total Take	Tract 25-A; Map 75
5-6Pond	New Mexico General Services Dept.	1.06			Portion Tr. 281A2 Map 80

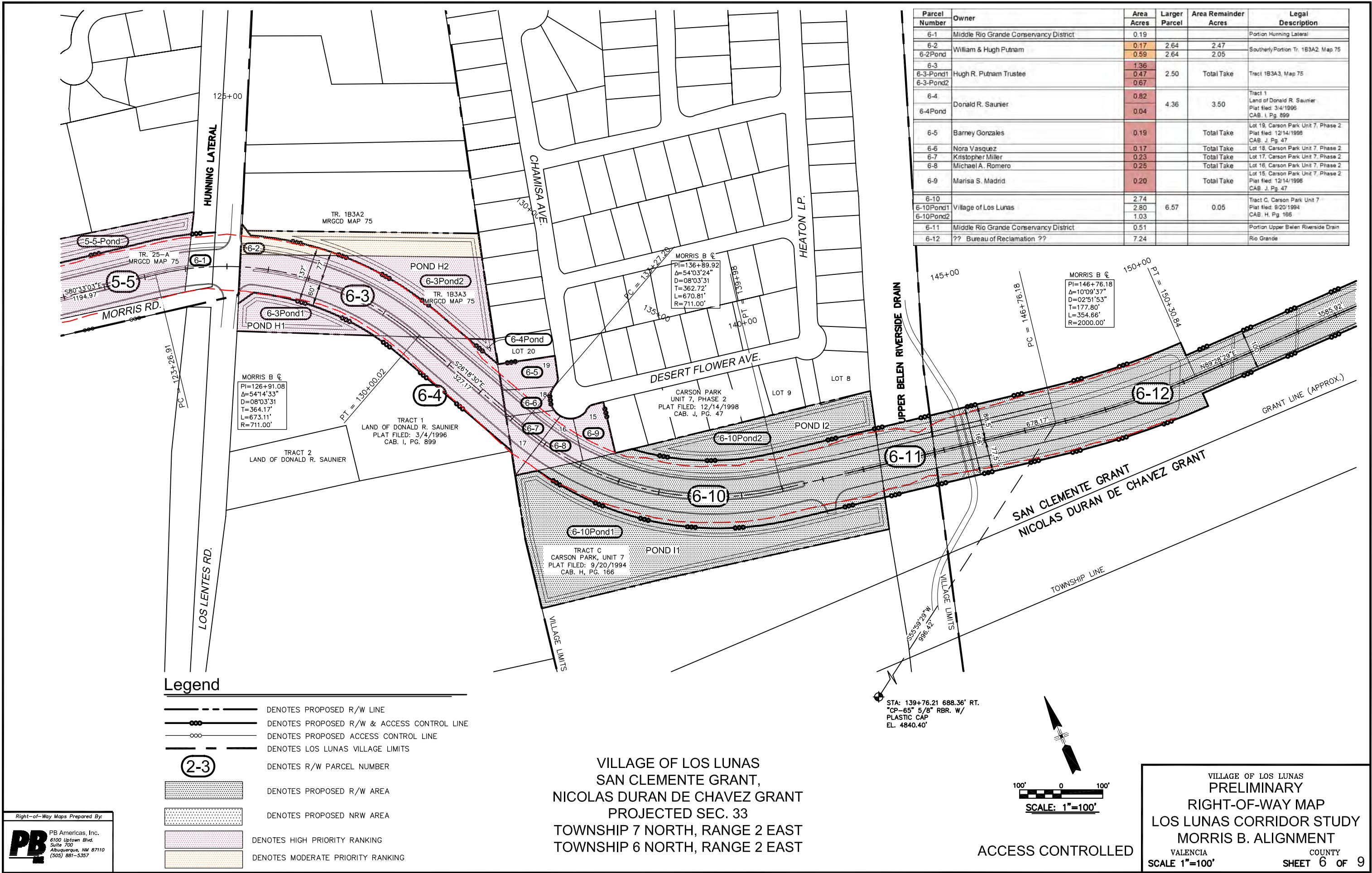
VILLAGE OF LOS LUNAS
SAN CLEMENTE GRANT
PROJECTED SEC. 32 & 33
TOWNSHIP 7 NORTH, RANGE 2 EAST

100' 0 100'
SCALE: 1"=100'

ACCESS CONTROLLED

VILLAGE OF LOS LUNAS
PRELIMINARY
RIGHT-OF-WAY MAP
LOS LUNAS CORRIDOR STUDY
MORRIS B. ALIGNMENT
VALENCIA COUNTY
SCALE 1"=100'
SHEET 5 OF 9

Right-of-Way Maps Prepared By:
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Parcel Number	Owner	Area Acres	Larger Parcel	Area Remainder Acres	Legal Description
6-1	Middle Rio Grande Conservancy District	0.19			Portion Hunning Lateral
6-2	William & Hugh Putnam	0.17	2.64	2.47	Southernly Portion Tr. 1B3A2, Map 75
6-2Pond		0.59	2.64	2.05	
6-3		1.36			
6-3-Pond1	Hugh R. Putnam Trustee	0.47	2.50	Total Take	Tract 1B3A3, Map 75
6-3-Pond2		0.67			
6-4		0.82			
6-4Pond	Donald R. Saurier	0.04	4.36	3.50	Tract 1, Land of Donald R. Saurier; Plat filed: 3/4/1996; CAB. I, Pg. 899
6-5	Barney Gonzales	0.19		Total Take	Lot 19, Carson Park Unit 7, Phase 2; Plat filed: 12/14/1998; CAB. J, Pg. 47
6-6	Nora Vasquez	0.17		Total Take	Lot 18, Carson Park Unit 7, Phase 2
6-7	Kristopher Miller	0.23		Total Take	Lot 17, Carson Park Unit 7, Phase 2
6-8	Michael A. Romero	0.25		Total Take	Lot 16, Carson Park Unit 7, Phase 2
6-9	Marisa S. Madrid	0.20		Total Take	Lot 15, Carson Park Unit 7, Phase 2; Plat filed: 12/14/1998; CAB. J, Pg. 47
6-10		2.74			Tract C, Carson Park Unit 7; Plat filed: 9/20/1994; CAB. H, Pg. 166
6-10Pond1	Village of Los Lunas	2.80	6.57	0.05	
6-10Pond2		1.03			
6-11	Middle Rio Grande Conservancy District	0.51			Portion Upper Belen Riverside Drain
6-12	?? Bureau of Reclamation ??	7.24			Rio Grande

Legend

DENOTES PROPOSED R/W LINE

DENOTES PROPOSED R/W & ACCESS CONTROL LINE

DENOTES PROPOSED ACCESS CONTROL LINE

DENOTES LOS LUNAS VILLAGE LIMITS

(2-3)

DENOTES R/W PARCEL NUMBER

DENOTES PROPOSED R/W AREA

DENOTES PROPOSED NRW AREA

DENOTES HIGH PRIORITY RANKING

DENOTES MODERATE PRIORITY RANKING

VILLAGE OF LOS LUNAS
SAN CLEMENTE GRANT,
NICOLAS DURAN DE CHAVEZ GRANT
PROJECTED SEC. 33
TOWNSHIP 7 NORTH, RANGE 2 EAST
TOWNSHIP 6 NORTH, RANGE 2 EAST

STA: 139+76.21 688.36' RT.
"CP-65" 5/8" RBR. W/
PLASTIC CAP
EL. 4840.40'

100' 0 100'

SCALE: 1"=100'

ACCESS CONTROLLED

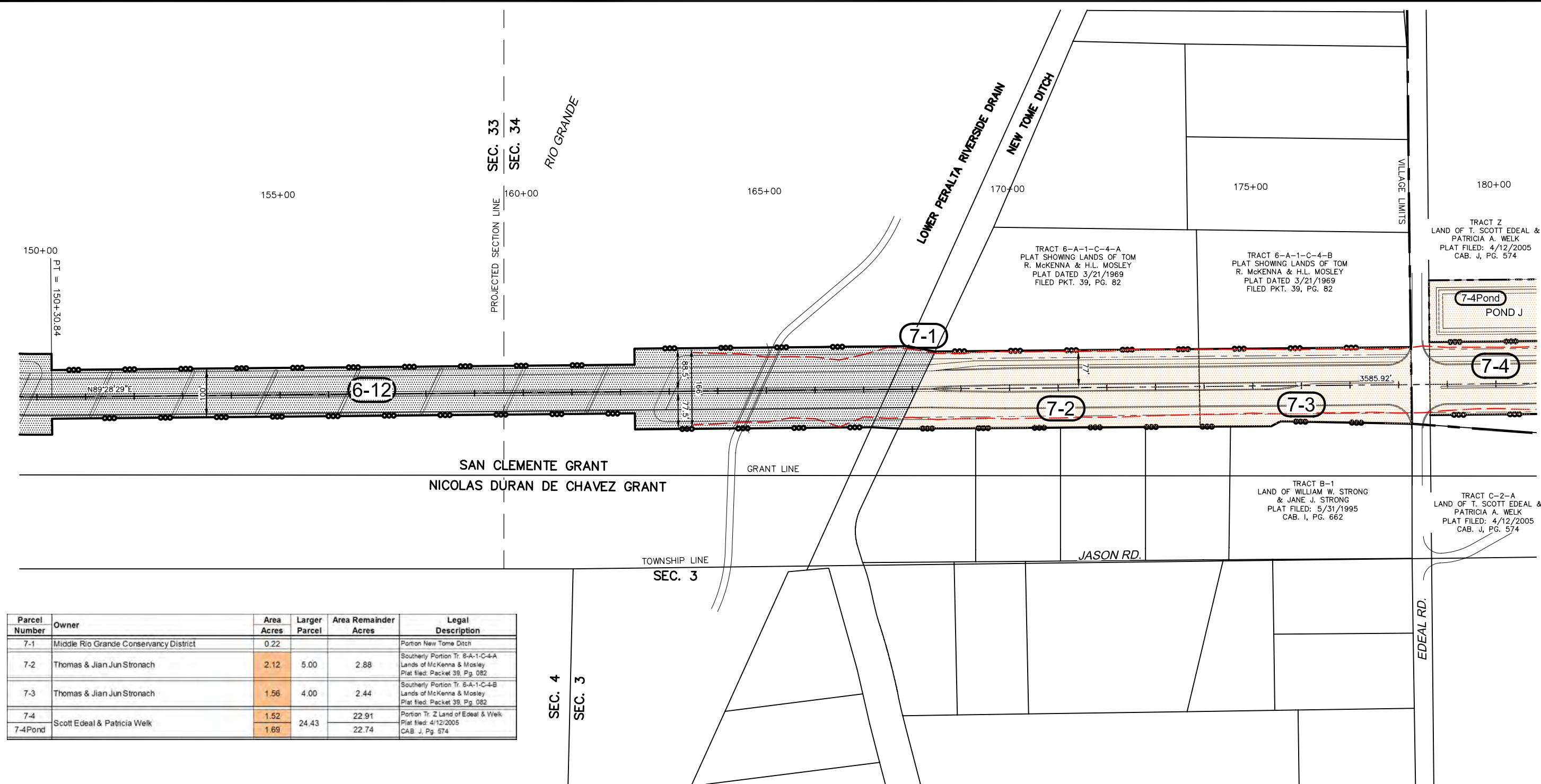
VILLAGE OF LOS LUNAS
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RIGHT-OF-WAY MAP
LOS LUNAS CORRIDOR STUDY
MORRIS B. ALIGNMENT

VALENCIA COUNTY
SCALE 1"=100'
SHEET 6 OF 9

Right-of-Way Maps Prepared By:

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Parcel Number	Owner	Area Acres	Larger Parcel	Area Remainder Acres	Legal Description
7-1	Middle Rio Grande Conservancy District	0.22			Portion New Tome Ditch
7-2	Thomas & Jian Jun Stronach	2.12	5.00	2.88	Southerly Portion Tr. 6-A-1-C-4-A Lands of McKenna & Mosley Plat filed: Packet 39, Pg. 082
7-3	Thomas & Jian Jun Stronach	1.56	4.00	2.44	Southerly Portion Tr. 6-A-1-C-4-B Lands of McKenna & Mosley Plat filed: Packet 39, Pg. 082
7-4	Scott Edeal & Patricia Welk	1.52		22.91	Portion Tr. Z Land of Edeal & Welk Plat filed: 4/12/2005
7-4Pond		1.69	24.43	22.74	CAB. J, Pg. 574

Legend

DENOTES PROPOSED R/W LINE

DENOTES PROPOSED R/W & ACCESS CONTROL LINE

DENOTES PROPOSED ACCESS CONTROL LINE

DENOTES LOS LUNAS VILLAGE LIMITS

2-3

DENOTES R/W PARCEL NUMBER

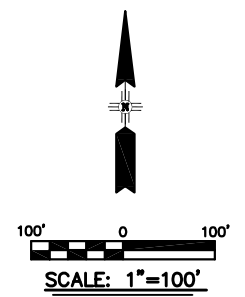
DENOTES PROPOSED R/W AREA

DENOTES PROPOSED NRW AREA

DENOTES HIGH PRIORITY RANKING

DENOTES MODERATE PRIORITY RANKING

VILLAGE OF LOS LUNAS
SAN CLEMENTE GRANT,
NICOLAS DURAN DE CHAVEZ GRANT
PROJECTED SEC. 33 & 34
TOWNSHIP 7 NORTH, RANGE 2 EAST
SEC. 3 & PROJ. SEC. 4, TOWNSHIP 6 NORTH, RANGE 2 EAST



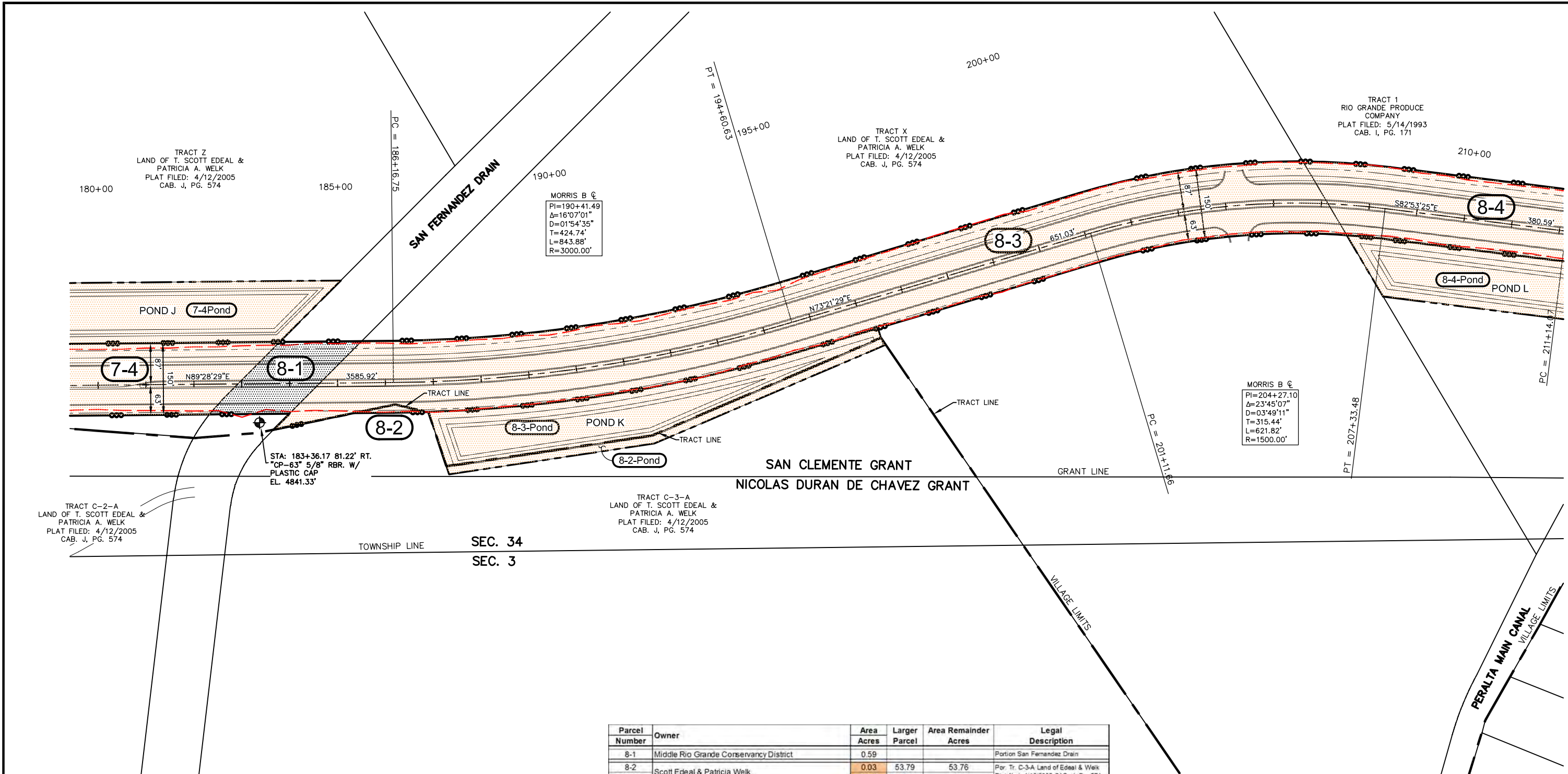
VILLAGE OF LOS LUNAS
PRELIMINARY
RIGHT-OF-WAY MAP
LOS LUNAS CORRIDOR STUDY
MORRIS B. ALIGNMENT
VALENCIA COUNTY
SCALE 1"=100'
SHEET 7 OF 9

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ACCESS CONTROLLED



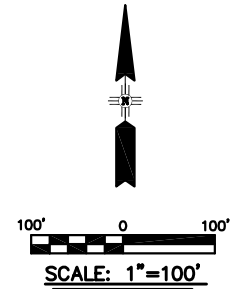
Legend

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- [Pattern] DENOTES HIGH PRIORITY RANKING
- [Pattern] DENOTES MODERATE PRIORITY RANKING

Parcel Number	Owner	Area Acres	Larger Parcel	Area Remainder Acres	Legal Description
8-1	Middle Rio Grande Conservancy District	0.59			Portion San Fernandez Drain
8-2	Scott Edeal & Patricia Welk	0.03	53.79	53.76	Por. Tr. C-3-A Land of Edeal & Welk
8-2Pond		0.38	53.79	53.41	Plat filed: 4/12/2005 CAB. J. Pg. 574
8-3	Scott Edeal & Patricia Welk	7.36	69.16	61.80	Por. Tr. X Land of Edeal & Welk
8-3Pond		1.67		67.49	Plat filed: 4/12/2005 CAB. J. Pg. 574
8-4	Scott Edeal & Patricia Welk	2.74		57.26	Por. Tr. 1 Rio Grande Produce Company
8-4Pond		1.77	60.00	58.23	Plat filed: 5/14/1993 CAB. I. Pg. 171

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VILLAGE OF LOS LUNAS
SAN CLEMENTE GRANT,
NICOLAS DURAN DE CHAVEZ GRANT
PROJECTED SEC. 34
TOWNSHIP 7 NORTH, RANGE 2 EAST
SEC. 3 TOWNSHIP 6 NORTH, RANGE 2 EAST



ACCESS CONTROLLED

VILLAGE OF LOS LUNAS
PRELIMINARY
RIGHT-OF-WAY MAP
LOS LUNAS CORRIDOR STUDY
MORRIS B. ALIGNMENT
VALENCIA COUNTY
SCALE 1"=100'
SHEET 8 OF 9

Los Lunas River Crossing Alignment Study

Conceptual Cost Estimate

Miller A Alignment

Date: 12/1/11

ITEM NO.	DESCRIPTION	UNIT	ESTIMATE	COST	
				Unit Cost	Cost
	<u>SEGMENT 1: I-25 TO NM 314</u>				
203000	Unclassified Excavation	CY	19000	\$4.00	\$76,000.00
203100	BORROW	CY	107000	\$5.00	\$535,000.00
207000	SUBGRADE PREPARATION	SY	123,300	\$1.00	\$123,300.00
303000	BASE COURSE, 8"	SY	118,000	\$9.00	\$1,062,000.00
417000	MISCELLANEOUS PAVING (10' TRAIL)	SY	13,200	\$15.00	\$198,000.00
423581	HMA SPII, 6"	SY	106,310	\$25.00	\$2,657,750.00
450060	CONCRETE PAVEMENT - 6"	SY	2,590	\$56.00	\$145,040.00
506000	MSE WALL	SF	4,000	\$45.00	\$180,000.00
606010	METAL BARRIER THRIE BEAM	LF	400	\$36.00	\$14,400.00
606050	METAL BARRIER END TREATMENT (ANCHORAGE)	EA	2	\$2,400.00	\$4,800.00
608404	CONCRETE MEDIAN PAVEMENT, 4" (COLORED & PATTERNED)	SY	15,800	\$55.00	\$869,000.00
609500	STANDARD CURB AND GUTTER	LF	23,600	\$20.00	\$472,000.00
632999	SEEDING	AC	9	\$1,200.00	\$10,800.00
704000	RETROREFLECTORIZED PAVEMENT STRIPING	LF	70,800	\$0.50	\$35,400.00
707999	SIGNALIZED INTERSECTION	LS	1	\$300,000.00	\$300,000.00
	SUBTOTAL				\$6,683,490.00
	<u>SEGMENT 2: NM 314 TO RIO GRANDE BRIDGE</u>				
203000	Unclassified Excavation	CY	2400	\$4.00	\$9,600.00
203100	BORROW	CY	30000	\$5.00	\$150,000.00
207000	SUBGRADE PREPARATION	SY	28,900	\$1.00	\$28,900.00
303000	BASE COURSE, 8"	SY	27,600	\$9.00	\$248,400.00
417000	MISCELLANEOUS PAVING (10' TRAIL)	SY	3,100	\$15.00	\$46,500.00
423581	HMA SPII, 6"	SY	23,240	\$25.00	\$581,000.00
450060	CONCRETE PAVEMENT - 6"	SY	2,260	\$56.00	\$126,560.00
608404	CONCRETE MEDIAN PAVEMENT, 4" (COLORED & PATTERNED)	SY	3,700	\$55.00	\$203,500.00
609500	STANDARD CURB AND GUTTER	LF	5,520	\$20.00	\$110,400.00
632999	SEEDING	AC	2	\$1,200.00	\$2,400.00
690000	HIGHWAY/RAILWAY INTERSECTION	LS	1	\$300,000.00	\$300,000.00
704000	RETROREFLECTORIZED PAVEMENT STRIPING	LF	16,560	\$0.50	\$8,280.00
	SUBTOTAL				\$1,815,540.00
	<u>SEGMENT 3: RIO GRANDE BRIDGE</u>				
500999	NEW BRIDGE CONSTRUCTION	SF	111,320	\$130.00	\$14,471,600.00
	SUBTOTAL				\$14,471,600.00
	<u>SEGMENT 4: RIO GRANDE BRIDGE TO NM 47</u>				
203000	Unclassified Excavation	CY	12700	\$4.00	\$50,800.00
203100	BORROW	CY	47800	\$5.00	\$239,000.00
207000	SUBGRADE PREPARATION	SY	44,600	\$1.00	\$44,600.00
303000	BASE COURSE, 8"	SY	42,500	\$9.00	\$382,500.00
417000	MISCELLANEOUS PAVING (10' TRAIL)	SY	5,400	\$15.00	\$81,000.00
423581	HMA SPII, 6"	SY	30,870	\$25.00	\$771,750.00
450060	CONCRETE PAVEMENT - 6"	SY	3,130	\$56.00	\$175,280.00
608404	CONCRETE MEDIAN PAVEMENT, 4" (COLORED & PATTERNED)	SY	6,400	\$55.00	\$352,000.00
609500	STANDARD CURB AND GUTTER	LF	19,100	\$20.00	\$382,000.00
632999	SEEDING	AC	4	\$1,200.00	\$4,800.00
704000	RETROREFLECTORIZED PAVEMENT STRIPING	LF	28,650	\$0.50	\$14,325.00
	SUBTOTAL				\$2,498,055.00

Los Lunas River Crossing Alignment Study

Conceptual Cost Estimate

Miller A Alignment

Date: 12/1/11

ITEM NO.	DESCRIPTION	UNIT	ESTIMATE	COST	
				Unit Cost	Cost
	<u>SEGMENT 5: NM 47 WIDENING</u>				
203000	Unclassified Excavation	CY	19400	\$4.00	\$77,600.00
203100	BORROW	CY	0	\$5.00	\$0.00
207000	SUBGRADE PREPARATION	SY	24,500	\$1.00	\$24,500.00
303000	BASE COURSE, 8"	SY	24,500	\$9.00	\$220,500.00
423581	HMA SPII, 6"	SY	24,500	\$25.00	\$612,500.00
608004	CONCRETE SIDEWALK, 4"	SY	5,400	\$40.00	\$216,000.00
609500	STANDARD CURB AND GUTTER	LF	9,550	\$20.00	\$191,000.00
704000	RETROREFLECTORIZED PAVEMENT STRIPING	LF	28,650	\$0.50	\$14,325.00
	SUBTOTAL				\$1,356,425.00
	<u>I-25 INTERCHANGE & FRONTAGE ROADS</u>				
500999	NEW BRIDGE CONSTRUCTION	SF	37,600	\$130.00	\$4,888,000.00
	INTERCHANGE	LS	1	\$548,500.00	\$548,500.00
	FRONTAGE ROAD	MI.	6.2	\$464,700.00	\$2,881,140.00
	SUBTOTAL				\$8,317,640.00
	<u>DRAINAGE</u>				
	PONDING OPTION	LS			\$5,300,000.00
	<u>MISCELLANEOUS</u>				
201000	CLEARING AND GRUBBING	LS	1	\$25,000.00	\$25,000.00
601000	REMOVALS OF STRUCTURES AND OBSTRUCTIONS	LS	1	\$203,000.00	\$203,000.00
618***	CONSTRUCTION TRAFFIC CONTROL	LS	1	\$405,000.00	\$405,000.00
618000	TRAFFIC CONTROL MANAGEMENT	LS	1	\$808,900.00	\$808,900.00
621000	MOBILIZATION (10%)	LS	1	\$4,045,000.00	\$4,045,000.00
801000	CONSTRUCTION STAKING BY THE CONTRACTOR	LS	1	\$120,200.00	\$120,200.00
*****	EROSION CONTROL	LS	1	\$102,000.00	\$102,000.00
	IRRIGATION CROSSINGS	LS	1	\$405,000.00	\$405,000.00
	SUBTOTAL				\$6,114,100.00

Notes:

Subtotal	\$46,556,850.00
30% Contingency	\$13,967,055.00
E&C (8%)	\$3,724,548.00
Subtotal	\$64,248,453.00
NMGRT (7.19%)	\$4,619,463.77
Total	\$68,867,916.77

Los Lunas River Crossing Alignment Study

Conceptual Cost Estimate

Morris B Alignment

Date: 12/1/11

			COST		
ITEM NO.	DESCRIPTION	UNIT	ESTIMATE	Unit Cost	Cost
	<u>SEGMENT 1: I-25 TO NM 314</u>				
203000	Unclassified Excavation	CY	4750	\$4.00	\$19,000.00
203100	BORROW	CY	292000	\$5.00	\$1,460,000.00
207000	SUBGRADE PREPARATION	SY	84,200	\$1.00	\$84,200.00
303000	BASE COURSE, 8"	SY	80,200	\$9.00	\$721,800.00
417000	MISCELLANEOUS PAVING (10' TRAIL)	SY	10,100	\$15.00	\$151,500.00
423581	HMA SPII, 6"	SY	61,040	\$25.00	\$1,526,000.00
450060	CONCRETE PAVEMENT - 6"	SY	3,160	\$56.00	\$176,960.00
506000	MSE WALL	SF	9,000	\$45.00	\$405,000.00
606010	METAL BARRIER THRIE BEAM	LF	500	\$36.00	\$18,000.00
606050	METAL BARRIER END TREATMENT (ANCHORAGE)	EA	2	\$2,400.00	\$4,800.00
608404	CONCRETE MEDIAN PAVEMENT, 4" (COLORED & PATTERNED)	SY	12,100	\$55.00	\$665,500.00
609500	STANDARD CURB AND GUTTER	LF	36,080	\$20.00	\$721,600.00
632999	SEEDING	AC	7	\$1,200.00	\$8,400.00
704000	RETROREFLECTORIZED PAVEMENT STRIPING	LF	54,120	\$0.50	\$27,060.00
707999	SIGNALIZED INTERSECTION	LS	1	\$300,000.00	\$300,000.00
	SUBTOTAL				\$6,289,820.00
	<u>SEGMENT 2: NM 314 TO RIO GRANDE BRIDGE</u>				
203000	Unclassified Excavation	CY	400	\$4.00	\$1,600.00
203100	BORROW	CY	98100	\$5.00	\$490,500.00
207000	SUBGRADE PREPARATION	SY	32,100	\$1.00	\$32,100.00
303000	BASE COURSE, 8"	SY	30,500	\$9.00	\$274,500.00
417000	MISCELLANEOUS PAVING (10' TRAIL)	SY	3,900	\$15.00	\$58,500.00
423581	HMA SPII, 6"	SY	23,720	\$25.00	\$593,000.00
450060	CONCRETE PAVEMENT - 6"	SY	680	\$56.00	\$38,080.00
608404	CONCRETE MEDIAN PAVEMENT, 4" (COLORED & PATTERNED)	SY	4,600	\$55.00	\$253,000.00
609500	STANDARD CURB AND GUTTER	LF	13,720	\$20.00	\$274,400.00
632999	SEEDING	AC	3	\$1,200.00	\$3,600.00
667300	MASONRY BLOCK WALL	SF	3,600	\$20.00	\$72,000.00
690000	HIGHWAY/RAILWAY INTERSECTION	LS	1	\$300,000.00	\$300,000.00
704000	RETROREFLECTORIZED PAVEMENT STRIPING	LF	20,580	\$0.50	\$10,290.00
	SUBTOTAL				\$2,401,570.00
	<u>SEGMENT 3: RIO GRANDE BRIDGE</u>				
500999	NEW BRIDGE CONSTRUCTION	SF	121,000	\$130.00	\$15,730,000.00
	SUBTOTAL				\$15,730,000.00
	<u>SEGMENT 4: RIO GRANDE BRIDGE TO NM 47</u>				
203000	Unclassified Excavation	CY	1750	\$4.00	\$7,000.00
203100	BORROW	CY	153100	\$5.00	\$765,500.00
207000	SUBGRADE PREPARATION	SY	65,600	\$1.00	\$65,600.00
303000	BASE COURSE, 8"	SY	62,500	\$9.00	\$562,500.00
417000	MISCELLANEOUS PAVING (10' TRAIL)	SY	7,900	\$15.00	\$118,500.00
423581	HMA SPII, 6"	SY	45,830	\$25.00	\$1,145,750.00
450060	CONCRETE PAVEMENT - 6"	SY	4,170	\$56.00	\$233,520.00
506000	MSE WALL	SF	2,400	\$45.00	\$108,000.00
608404	CONCRETE MEDIAN PAVEMENT, 4" (COLORED & PATTERNED)	SY	9,400	\$55.00	\$517,000.00
609500	STANDARD CURB AND GUTTER	LF	28,100	\$20.00	\$562,000.00
632999	SEEDING	AC	5	\$1,200.00	\$6,000.00
667300	MASONRY BLOCK WALL	SF	17,100	\$20.00	\$342,000.00
704000	RETROREFLECTORIZED PAVEMENT STRIPING	LF	42,150	\$0.50	\$21,075.00
	SUBTOTAL				\$4,454,445.00

Los Lunas River Crossing Alignment Study

Conceptual Cost Estimate

Morris B Alignment

Date: 12/1/11

ITEM NO.	DESCRIPTION	UNIT	ESTIMATE	COST	
				Unit Cost	Cost
	<u>I-25 INTERCHANGE & FRONTAGE ROADS</u>				
500999	NEW BRIDGE CONSTRUCTION	SF	37,600	\$130.00	\$4,888,000.00
	INTERCHANGE	L.S.	1	\$597,500.00	\$597,500.00
	FRONTAGE ROAD	MI.	2.9	\$464,700.00	\$1,347,630.00
	SUBTOTAL				\$6,833,130.00
	<u>DRAINAGE</u>				
	PONDING OPTION	LS			\$5,200,000.00
	<u>MISCELLANEOUS</u>				
201000	CLEARING AND GRUBBING	LS	1	\$19,800.00	\$19,800.00
601000	REMOVALS OF STRUCTURES AND OBSTRUCTIONS	LS	1	\$205,000.00	\$205,000.00
618***	CONSTRUCTION TRAFFIC CONTROL	LS	1	\$410,000.00	\$410,000.00
618000	TRAFFIC CONTROL MANAGEMENT	LS	1	\$818,200.00	\$818,200.00
621000	MOBILIZATION (10%)	LS	1	\$4,091,000.00	\$4,091,000.00
801000	CONSTRUCTION STAKING BY THE CONTRACTOR	LS	1	\$98,800.00	\$98,800.00
*****	EROSION CONTROL	LS	1	\$103,000.00	\$103,000.00
	IRRIGATION CROSSINGS	LS	1	\$410,000.00	\$410,000.00
	SUBTOTAL				\$6,155,800.00

Notes:

Subtotal	\$47,064,765.00
25% Contingency	\$11,766,191.25
E&C (8%)	\$3,765,181.20
Subtotal	\$62,596,137.45
NMGRT (7.19%)	\$4,500,662.28
Total	\$67,096,799.73

Los Lunas River Crossing Alignment Study

Conceptual Cost Estimate

Morris D Alignment

Date: 12/1/11

				COST	
ITEM NO.	DESCRIPTION	UNIT	ESTIMATE	Unit Cost	Cost
	<u>SEGMENT 1: I-25 TO NM 314</u>				
203000	Unclassified Excavation	CY	4750	\$4.00	\$19,000.00
203100	BORROW	CY	292000	\$5.00	\$1,460,000.00
207000	SUBGRADE PREPARATION	SY	84,200	\$1.00	\$84,200.00
303000	BASE COURSE, 8"	SY	80,200	\$9.00	\$721,800.00
417000	MISCELLANEOUS PAVING (10' TRAIL)	SY	10,100	\$15.00	\$151,500.00
423581	HMA SPII, 6"	SY	61,040	\$25.00	\$1,526,000.00
450060	CONCRETE PAVEMENT - 6"	SY	3,160	\$56.00	\$176,960.00
506000	MSE WALL	SF	9,000	\$45.00	\$405,000.00
606010	METAL BARRIER THRIE BEAM	LF	500	\$36.00	\$18,000.00
606050	METAL BARRIER END TREATMENT (ANCHORAGE)	EA	2	\$2,400.00	\$4,800.00
608404	CONCRETE MEDIAN PAVEMENT, 4" (COLORED & PATTERNED)	SY	12,100	\$55.00	\$665,500.00
609500	STANDARD CURB AND GUTTER	LF	36,080	\$20.00	\$721,600.00
632999	SEEDING	AC	7	\$1,200.00	\$8,400.00
704000	RETROREFLECTORIZED PAVEMENT STRIPING	LF	54,120	\$0.50	\$27,060.00
707999	SIGNALIZED INTERSECTION	LS	1	\$300,000.00	\$300,000.00
	SUBTOTAL				\$6,289,820.00
	<u>SEGMENT 2: NM 314 TO RIO GRANDE BRIDGE</u>				
203000	Unclassified Excavation	CY	400	\$4.00	\$1,600.00
203100	BORROW	CY	98100	\$5.00	\$490,500.00
207000	SUBGRADE PREPARATION	SY	32,100	\$1.00	\$32,100.00
303000	BASE COURSE, 8"	SY	30,500	\$9.00	\$274,500.00
417000	MISCELLANEOUS PAVING (10' TRAIL)	SY	3,900	\$15.00	\$58,500.00
423581	HMA SPII, 6"	SY	23,720	\$25.00	\$593,000.00
450060	CONCRETE PAVEMENT - 6"	SY	680	\$56.00	\$38,080.00
608404	CONCRETE MEDIAN PAVEMENT, 4" (COLORED & PATTERNED)	SY	4,600	\$55.00	\$253,000.00
609500	STANDARD CURB AND GUTTER	LF	13,720	\$20.00	\$274,400.00
632999	SEEDING	AC	3	\$1,200.00	\$3,600.00
667300	MASONRY BLOCK WALL	SF	3,600	\$20.00	\$72,000.00
690000	HIGHWAY/RAILWAY INTERSECTION	LS	1	\$300,000.00	\$300,000.00
704000	RETROREFLECTORIZED PAVEMENT STRIPING	LF	20,580	\$0.50	\$10,290.00
	SUBTOTAL				\$2,401,570.00
	<u>SEGMENT 3: RIO GRANDE BRIDGE</u>				
500999	NEW BRIDGE CONSTRUCTION	SF	121,000	\$130.00	\$15,730,000.00
	SUBTOTAL				\$15,730,000.00
	<u>SEGMENT 4: RIO GRANDE BRIDGE TO NM 47</u>				
203000	Unclassified Excavation	CY	1750	\$4.00	\$7,000.00
203100	BORROW	CY	153100	\$5.00	\$765,500.00
207000	SUBGRADE PREPARATION	SY	93,100	\$1.00	\$93,100.00
303000	BASE COURSE, 8"	SY	88,700	\$9.00	\$798,300.00
417000	MISCELLANEOUS PAVING (10' TRAIL)	SY	11,100	\$15.00	\$166,500.00
423581	HMA SPII, 6"	SY	68,960	\$25.00	\$1,724,000.00
450060	CONCRETE PAVEMENT - 6"	SY	2,040	\$56.00	\$114,240.00
506000	MSE WALL	SF	0	\$45.00	\$0.00
608404	CONCRETE MEDIAN PAVEMENT, 4" (COLORED & PATTERNED)	SY	13,300	\$55.00	\$731,500.00
609500	STANDARD CURB AND GUTTER	LF	39,900	\$20.00	\$798,000.00
632999	SEEDING	AC	7	\$1,200.00	\$8,400.00
667300	MASONRY BLOCK WALL	SF	15,600	\$20.00	\$312,000.00
704000	RETROREFLECTORIZED PAVEMENT STRIPING	LF	59,850	\$0.50	\$29,925.00
	SUBTOTAL				\$5,548,465.00

Los Lunas River Crossing Alignment Study

Conceptual Cost Estimate

Morris D Alignment

Date: 12/1/11

ITEM NO.	DESCRIPTION	UNIT	ESTIMATE	COST	
				Unit Cost	Cost
	<u>SEGMENT 5: SOUTH LEG (2-LANE SECTION)</u>				
203000	Unclassified Excavation	CY		\$4.00	\$0.00
203100	BORROW	CY	36,000	\$5.00	\$180,000.00
207000	SUBGRADE PREPARATION	SY	24,000	\$1.00	\$24,000.00
303000	BASE COURSE, 8"	SY	22,400	\$9.00	\$201,600.00
417000	MISCELLANEOUS PAVING (10' TRAIL)	SY	4,000	\$15.00	\$60,000.00
423581	HMA SPII, 6"	SY	15,050	\$25.00	\$376,250.00
450060	CONCRETE PAVEMENT - 6"	SY	950	\$56.00	\$53,200.00
506000	MSE WALL	SF	2,400	\$45.00	\$108,000.00
608404	CONCRETE MEDIAN PAVEMENT, 4" (COLORED & PATTERNED)	SY	4,800	\$55.00	\$264,000.00
609500	STANDARD CURB AND GUTTER	LF	39,900	\$20.00	\$798,000.00
632999	SEEDING	AC	3	\$1,200.00	\$3,600.00
667300	MASONRY BLOCK WALL	SF	1,500	\$20.00	\$30,000.00
704000	RETROREFLECTORIZED PAVEMENT STRIPING	LF	39,900	\$0.50	\$19,950.00
	SUBTOTAL				\$2,118,600.00
	<u>I-25 INTERCHANGE & FRONTAGE ROADS</u>				
500999	NEW BRIDGE CONSTRUCTION	SF	37,600	\$130.00	\$4,888,000.00
	INTERCHANGE	L.S.	1	\$597,500.00	\$597,500.00
	FRONTAGE ROAD	MI.	2.9	\$464,700.00	\$1,347,630.00
	SUBTOTAL				\$6,833,130.00
	<u>DRAINAGE</u>				
	PONDING OPTION	LS			\$6,600,000.00
	<u>MISCELLANEOUS</u>				
201000	CLEARING AND GRUBBING	LS	1	\$26,000.00	\$26,000.00
601000	REMOVALS OF STRUCTURES AND OBSTRUCTIONS	LS	1	\$228,000.00	\$228,000.00
618***	CONSTRUCTION TRAFFIC CONTROL	LS	1	\$456,000.00	\$456,000.00
618000	TRAFFIC CONTROL MANAGEMENT	LS	1	\$910,500.00	\$910,500.00
621000	MOBILIZATION (10%)	LS	1	\$4,553,000.00	\$4,553,000.00
801000	CONSTRUCTION STAKING BY THE CONTRACTOR	LS	1	\$129,800.00	\$129,800.00
*****	EROSION CONTROL	LS	1	\$114,000.00	\$114,000.00
	IRRIGATION CROSSINGS	LS	1	\$456,000.00	\$456,000.00
	SUBTOTAL				\$6,873,300.00

Notes:

Subtotal	\$52,394,885.00
25% Contingency	\$13,098,721.25
E&C (8%)	\$4,191,590.80
Subtotal	\$69,685,197.05
NMGRT (7.19%)	\$5,010,365.67
Total	\$74,695,562.72