

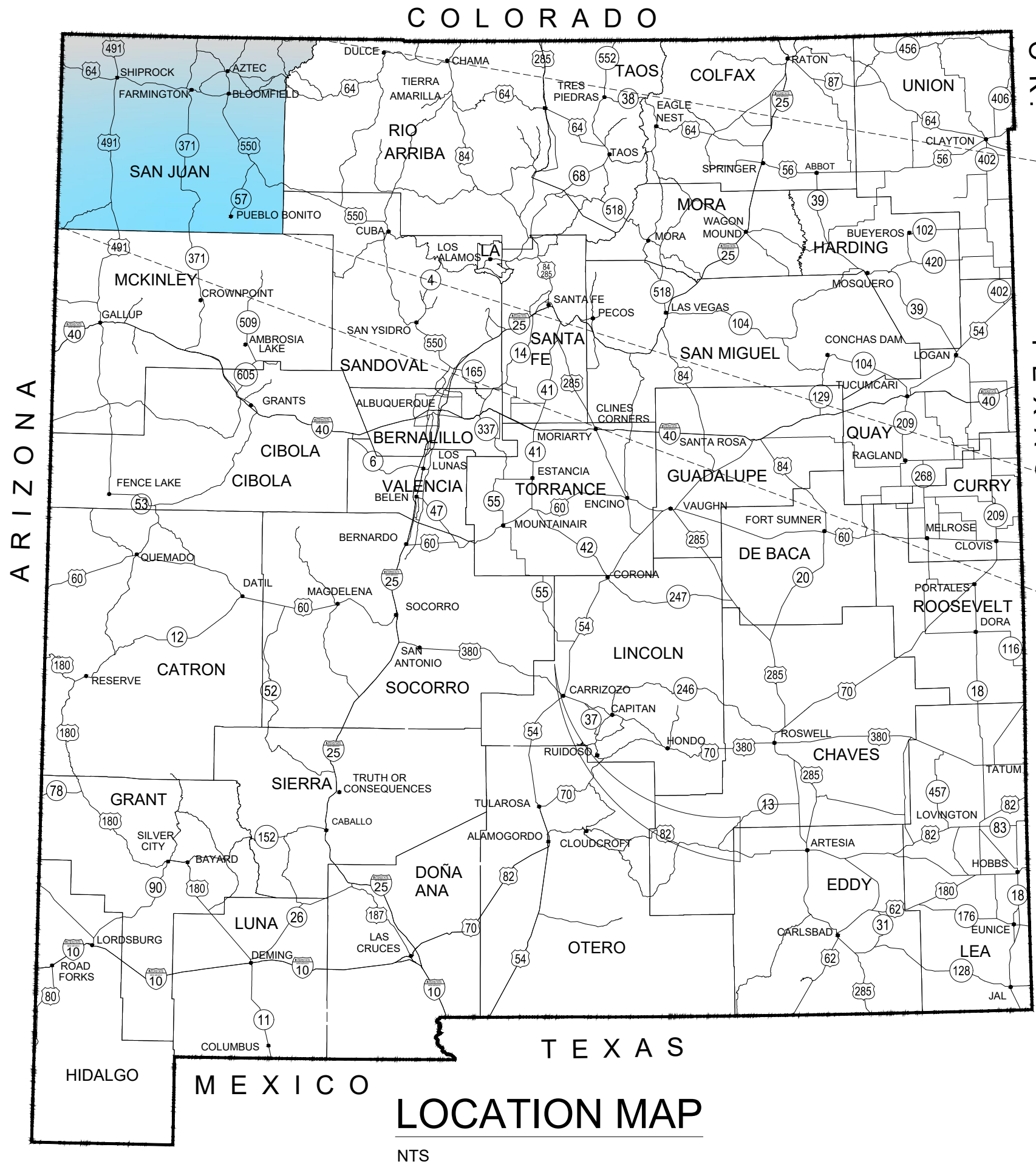
BERGIN LANE IMPROVEMENTS



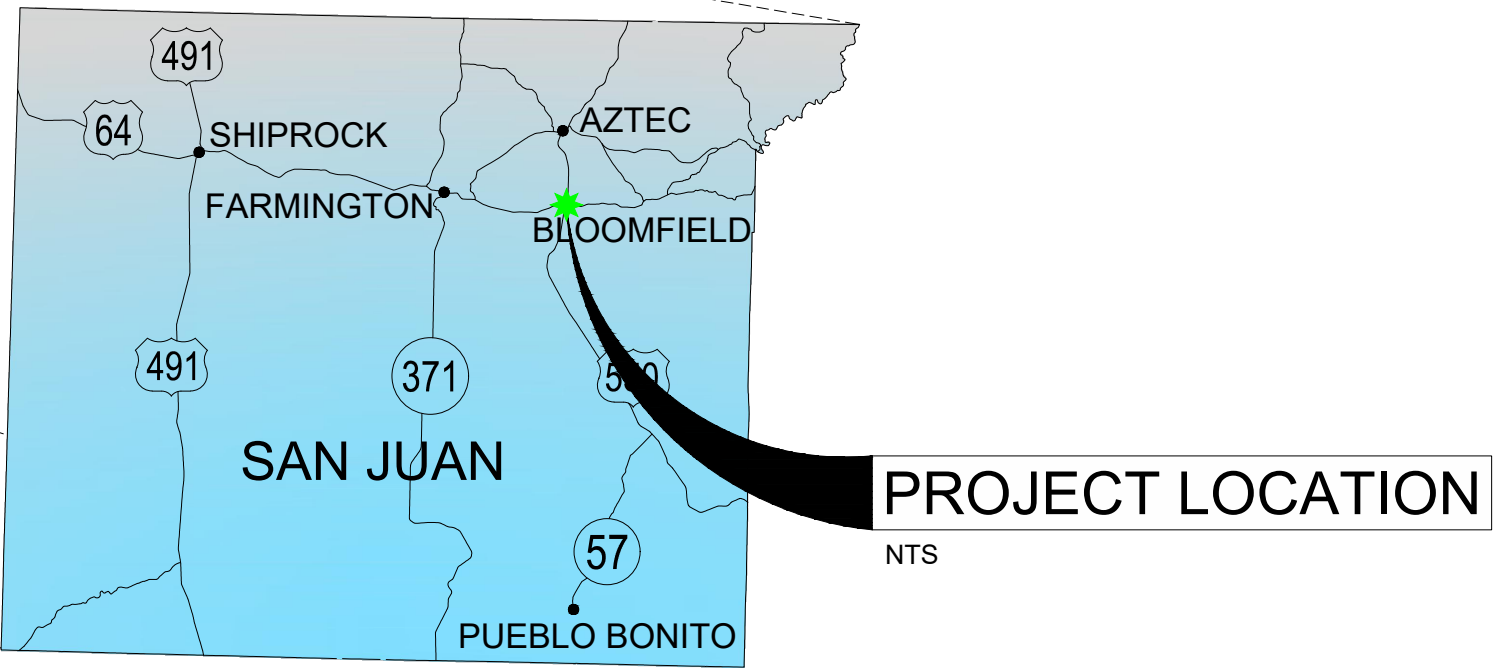
SAN JUAN COUNTY, CITY OF BLOOMFIELD, NEW MEXICO

May 22

PROJECT DESCRIPTION:
ROADWAY AND DRAINAGE IMPROVEMENTS



PROJECT NUMBER 7130699



THESE DETAILED PLANS AND SPECIFICATIONS WERE PREPARED UNDER MY
DIRECTION AND SUPERVISION ON BEHALF OF SOUDER, MILLER & ASSOCIATES.

MATTHEW NIGHBERT, P.E. DATE
PROJECT MANAGER

THE SEAL AND SIGNATURE OF THE PROFESSIONAL REGISTRANT IDENTIFIED
ON THIS COVER SHEET DOES NOT SUGGEST RESPONSIBLE CHARGE FOR ALL
SHEETS CONTAINED WITHIN THIS PACKAGE; PLAN SHEETS NOT SIGNED AND
SEALED ARE NOT THE RESPONSIBILITY OF THE PROFESSIONAL REGISTRANT
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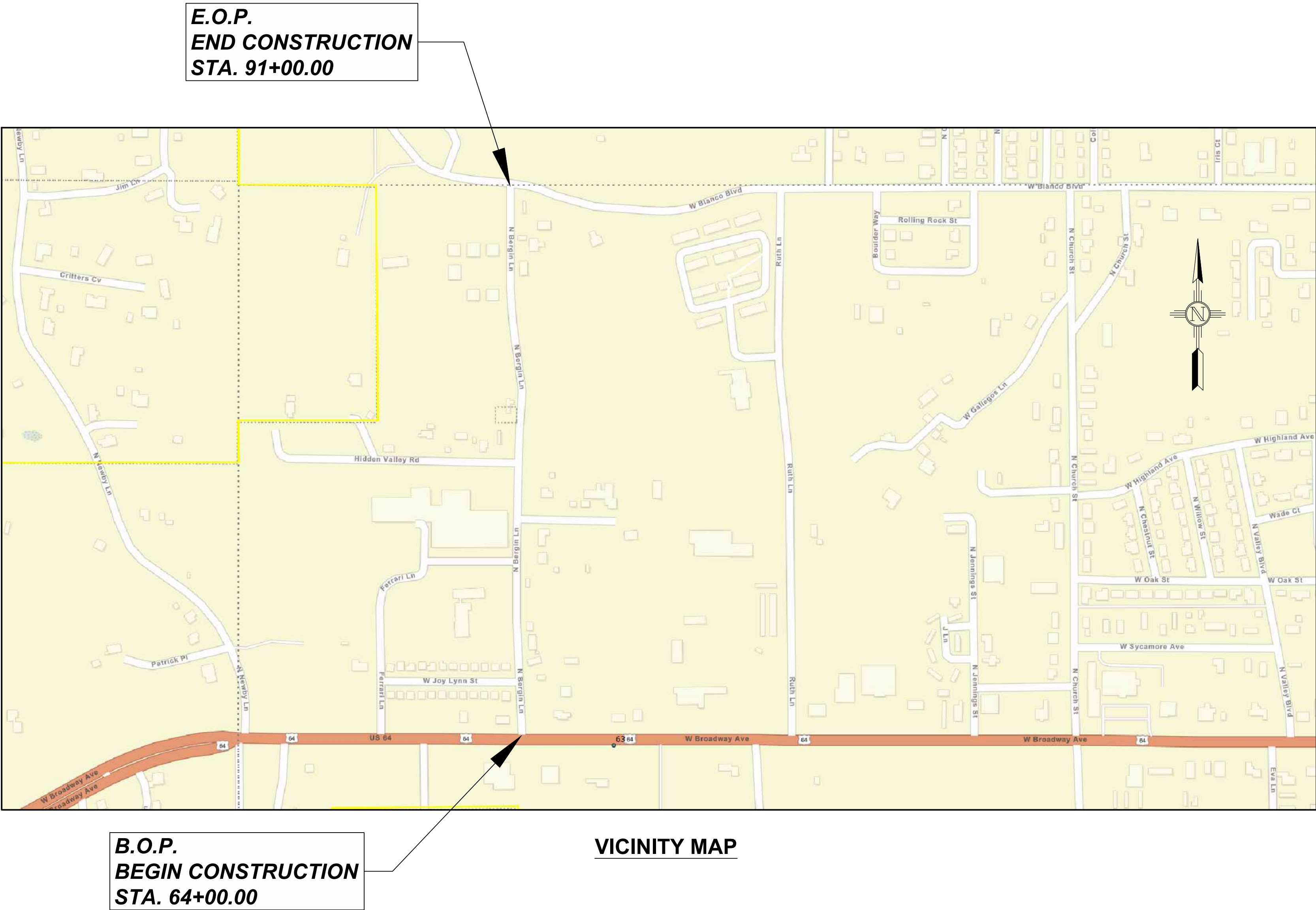
NOTICE OF EXTENDED PAYMENT PROVISION - THIS CONTRACT
ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER
SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT.

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THE 2019 EDITION OF NEW MEXICO DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS AND STANDARD DRAWINGS FOR HIGHWAY AND BRIDGE CONSTRUCTION SHALL GOVERN CONSTRUCTION OF THIS PROJECT.



INTENT OF PROJECT

THE SCOPE OF THIS PROJECT INCLUDES ROADWAY RECONSTRUCTION OF NORTH AND SOUTH BOUND LANES. REPAVE ROADWAY, ADD SIDEWALK ALONG WEST SIDE OF ROADWAY AND A NEW STORM SEWER SYSTEM WHICH SHALL TIE INTO THE EXISTING SYSTEM THAT RUNS ALONG US 64. APPLY TEMPORARY TRAFFIC CONTROL AND PLACE NEW PERMANENT SIGNING AND STRIPING.

CITY OF BLOOMFIELD

NEW MEXICO

BERGIN LANE IMPROVEMENTS

VICINITY MAP

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SMA

Drawn
SMA

Checked
MAN

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Vert: NA

Project No: 7130699

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SHEET NO.	DESCRIPTION
SERIES 1	
1-1	COVER SHEET
1-2	VICINITY MAP
1-3	INDEX OF SHEETS
1-4	SUMMARY OF QUANTITIES
1-5	GENERAL NOTES
	SUBTOTAL = 5
SERIES 2	
2-1	EXISTING TYPICAL SECTION
2-2	PROPOSED TYPICAL SECTION
2-3	PROJECT LAYOUT
	SUBTOTAL = 3
SERIES 3	
3-1 TO 3-6	PLAN AND PROFILE SHEETS
	SUBTOTAL = 6
SERIES 7	
7-6 TO 7-8	PERMANENT SIGNING AND STRIPING PLANS
	SUBTOTAL = 3

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INDEX OF SHEETS

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		Designed	Drawn	Checked													
		SMA	SMA	MAN													

GENERAL NOTES

1. SIGNED AND SEALED CONSTRUCTION DRAWINGS ARE PREPARED BASED ON EXISTING SITE CONDITIONS AND REGULATIONS PER THE SEALED DATE ON THE PLANS. DUE TO POSSIBLE CHANGES TO THE SITE, CODES, REGULATIONS, UNDERGROUND UTILITIES, ETC. BETWEEN THE SEALED DATE ON THE PLANS AND DATE OF CONSTRUCTION COMMENCEMENT, THE DESIGN AND RECOMMENDATIONS PROVIDED ARE LIMITED TO THE SEALED DATE ON THE PLANS. IF CHANGES TO ANY SITE CONDITIONS AND/OR REGULATIONS OCCUR BEFORE THE PROJECT CONSTRUCTION DATE, THE OWNER SHALL NOTIFY ENGINEER OF SUCH CHANGES AND OBTAIN THE ENGINEER'S OPINION AS TO THE COMPLETENESS OF THE PLANS AND SPECIFICATIONS. ANY SUCH CHANGE IN FIELD CONDITIONS AND/OR REGULATIONS MAY REQUIRE ADDITIONAL DESIGN SERVICES AND COMMENSURATE FEE INCREASE TO ACCOMMODATE SUCH CHANGES.

2. CLARIFICATIONS AND/OR REQUESTS REGARDING PROJECT INTENT AND MODIFICATIONS SHALL BE SUBMITTED TO THE ENGINEER PRIOR OR DURING CONSTRUCTION IN A FORMAL WRITTEN REQUEST FOR INFORMATION (RFI). THE ENGINEER SHALL NOT BE HELD LIABLE IF RECOMMENDATION ARE ALTERED BY OTHERS.

3. ALL EXISTING TRAFFIC SIGNS, MILEPOST MARKERS AND DELINEATORS WITHIN CONSTRUCTION LIMITS SHALL BE REMOVED OR OFFSET BY THE CONTRACTOR AS DIRECTED BY THE OWNER'S PROJECT MANAGER. INFORMATION SIGNS ARE TO BE OFFSET AND ALL OTHERS ARE TO BE REMOVED. THIS WORK WILL BE INCLUDED IN THE UNIT BID PRICE FOR REMOVAL OF STRUCTURES AND OBSTRUCTIONS 601000. THE CONTRACTOR WILL REMOVE AND PROTECT STREET NAME SIGNS DURING CONSTRUCTION AND REPLACE AS SOON AS POSSIBLE AFTER CONSTRUCTION.

4. THE CONTRACTOR IS HEREBY ADVISED THAT UTILITY RELOCATIONS IF ANY, BY UTILITY COMPANIES WILL BE DONE CONCURRENTLY WITH CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE FOR UTILITY WORK IN CONJUNCTION WITH CONSTRUCTION OPERATIONS AND SHALL COORDINATE THE SCHEDULING OF WORK WITH THE RESPECTIVE UTILITY COMPANIES, IN ORDER TO AVOID DELAYS DUE TO UTILITY WORK. THE CONTRACTOR SHALL PROVIDE FOR THESE CONTINGENCIES WHEN BIDDING THE PROJECT. NO CLAIM FOR DELAYS DUE TO UTILITY WORK WILL BE ALLOWED.

5. THERE IS NO CONSTRUCTION CLEAR ZONE FOR THIS PROJECT. HOWEVER, A LAYDOWN AREA IS DESIGNED ON SOUTH CHURCH STREET. NO OTHER AREAS WILL BE PROVIDED WITHIN THE ROW FOR EQUIPMENT STORAGE. THE CONTRACTOR SHALL NOT STORE EQUIPMENT OR MATERIAL WITHIN THE RIGHT-OF-WAY ON THIS PROJECT. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFORE.

6. THE CONTRACTOR SHALL BE RESTRICTED TO A 35 TON (MAXIMUM) NON-VIBRATORY ROLLER FOR COMPACTION IN AREAS WHERE THE USE OF HEAVIER EQUIPMENT COULD DAMAGE UNDERGROUND UTILITIES OR PERMANENT STRUCTURES AS REQUIRED AND APPROVED BY THE OWNER'S PROJECT MANAGER.

7. THE EARTHWORK HAUL ON THIS PROJECT WILL BE CONSIDERED AS INCLUDED IN THE CONTRACT PRICE FOR UNCLASSIFIED EXCAVATION AND BORROW AS APPLICABLE, AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFORE.

8. THE PROJECT WILL HAVE ALTERATION, VERIFICATION, AND SUBGRADE DENSITY TESTS COMPLETED BY A GEOTECHNICAL ENGINEERING COMPANY TO VERIFY COMPACTION. PROOF ROLLING WILL BE COMPLETED ALONG THE PROJECT SUBGRADE AND ANY SOFT SPOTS WILL BE REMOVED AND RECONSTRUCTED BEFORE THE CONTRACTOR BEGINS WORK.

9. EMERGENCY ACCESS SHALL REMAIN OPEN AT ALL TIMES.

10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REMOVALS REQUIRED TO COMPLETE THE PROJECT. ADDITIONAL REMOVALS NOT SHOWN ON THE PLANS WILL BE DESIGNATED BY THE OWNER'S PROJECT MANAGER. THIS WORK WILL BE CONSIDERED AS INCLUDED IN THE CONTRACT PRICE FOR REMOVAL OF STRUCTURES AND OBSTRUCTIONS AND THE CONTRACTOR WILL NOT RECEIVE ADDITIONAL COMPENSATION FOR UNLISTED REMOVALS.

11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPORTING AND CLEAN UP OF SPILLS ASSOCIATED WITH PROJECT CONSTRUCTION AND SHALL REPORT AND RESPOND TO SPILLS OF HAZARDOUS MATERIAL SUCH AS GASOLINE, DIESEL, MOTOR OILS, SOLVENTS, CHEMICALS, TOXIC AND CORROSIVE SUBSTANCES, AND OTHER MATERIALS WHICH MAY BE A THREAT TO PUBLIC HEALTH OR THE ENVIRONMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPORTING PAST SPILLS ENCOUNTERED DURING CONSTRUCTION AND OF CURRENT SPILLS NOT ASSOCIATED WITH CONSTRUCTION. REPORTS SHALL BE MADE IMMEDIATELY TO THE NM ENVIRONMENT DEPARTMENT AT (505) 827-6329, (800) 428-6535, OR (505) 428-2500 AND TO THE OWNER'S PROJECT MANAGER. ANY SPILLS IDENTIFIED AFTER CONSTRUCTION AND ASSOCIATED WITH PROJECT CONSTRUCTION SHALL BE CLEANED UP BY THE CONTRACTOR IN ACCORDANCE WITH THE CONTRACT. THE CONTRACTOR SHALL BEAR THE FULL COST OF CLEANUP OF SUCH SPILLS.

12. THE CONTRACTOR SHALL MAINTAIN UP TO DATE SETS OF AS-BUILTS PLANS FOR THE PROJECT. THESE PLANS SHALL BE KEPT CURRENT, WITHIN THIRTY (30) DAYS, AT ALL TIMES AND SHALL BE SUBJECT TO REVIEW BY THE OWNER'S PROJECT MANAGER THROUGHOUT THE PROJECT AND WILL BE REVIEWED BY THE OWNER'S PROJECT MANAGER FOR ACCURACY AND COMPLETENESS AT LEAST ONCE EVERY 30 DAYS. THE FINAL AS-BUILT PLANS SHALL BE SUBMITTED TO THE OWNER'S REPRESENTATIVE OR DESIGNEE PRIOR TO FINAL PAYMENT.

13. ALL WORK IN THE VICINITY OF WATER COURSES, WATER IMPOUNDMENTS, WETLANDS OR IRRIGATION SUPPLIES SHALL BE EFFECTED IN SUCH A MANNER AS TO MINIMIZE VEGETATION REMOVAL, SOIL DISTURBANCE AND EROSION. EQUIPMENT REFUELING, MAINTENANCE AND CEMENT DUMPING IN THE VICINITY OF WATER COURSES IS STRICTLY PROHIBITED AND SHALL BE PERFORMED IN PROPER CONTAINMENT AREAS.

14. ALL EXISTING MANHOLE LIDS, VALVE BOXES, WATER METERS, IRRIGATION METERS, CLEANOUTS, ELECTRICAL PULL BOXES, ETC. WITHIN THE PROJECT LIMITS, SHALL BE PROTECTED DURING CONSTRUCTION. NO ADDITIONAL PAYMENT WILL BE MADE THEREFOR.

15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE RESPECTIVE UTILITY COMPANIES PRIOR TO GRADING OR TRENCHING.

16. THE CONTRACTOR SHALL REPLACE ALL DESTROYED OR DAMAGED SURFACE IMPROVEMENTS WITH IMPROVEMENTS EQUAL TO THOSE REMOVED.

17. ALL EFFORTS FOR WORK ARE INTENDED TO BE WITHIN EXISTING ESTABLISHED ROADWAYS. NO ADDITIONAL RIGHT-OF-WAY SHOULD BE NEEDED FOR THE INTENDED WORK.

18. ROADWAY CENTERLINES PROVIDED IN THESE PLANS ARE FOR RELATIVE REFERENCE ONLY AND HAVE BEEN ESTABLISHED FROM ORTHOGRAPHIC IMAGERY.

19. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN WHICH SHALL BE APPROVED BY THE PUBLIC WORKS DIRECTOR, 1-505-____ BEFORE COMMENCING WORK IN RIGHT OF WAY.

20. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ALL CONFLICTS DURING CONSTRUCTION.

21. THE CONTRACTOR SHALL TAKE PRECAUTIONS TO PROTECT HORIZONTAL AND VERTICAL CONTROL SURVEY MONUMENTS (MARK) FROM DAMAGE PRIOR TO INITIATING CONSTRUCTION. AN INVENTORY OF THE EXISTING MONUMENTS WILL BE TAKEN BY THE OWNER'S PROJECT MANAGER AND THE CONTRACTOR WITH ACKNOWLEDGMENT PRIOR TO START OF CONSTRUCTION. IF DURING THE COURSE OF CONSTRUCTION OPERATIONS, THE CONTRACTOR DISTURBS OR DESTROYS A MARK, THE CONTRACTOR SHALL ESTABLISH A NEW MARK IN COMPLIANCE WITH THE STANDARD AND PROCEDURES SET FORTH IN THE "GEODETIC MARK PRESERVATION GUIDEBOOK", NATIONAL GEODETIC SURVEY, MARCH 1990, CONTACTING MARK PRESERVATION CENTER, NOAA, TELEPHONE (505)768-3606. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE.

22. PUBLIC ACCESS TO LOCAL BUSINESS AND RESIDENCES - THE CONTRACTOR SHALL PROVIDE INGRESS AND EGRESS TO RESIDENCES FOR THE DURATION OF THE PROJECT. THE CONTRACTOR SHALL ADVISE THE PROPERTY OWNERS AND THE OWNER'S PROJECT MANAGER OF ANY SCHEDULED ACCESS MODIFICATIONS, AT LEAST 48 HOURS IN ADVANCE. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE.

23. THROUGHOUT THE LIFE OF THIS PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE TO KEEP THE OWNER'S PROJECT MANAGER INFORMED OF ANY LANE CLOSURES THAT WILL RESTRICT THE NORMAL FLOW OF TRAFFIC.

24. UTILITY LOCATIONS SHOWN HEREIN ARE BASED ON THE BEST AVAILABLE EVIDENCE INCLUDING PHYSICAL FEATURES SUCH AS VALVES, PEDESTALS, WARNING MARKERS AND SPOTS BY UTILITY LOCATING SERVICES. THE ENGINEER AND SURVEYOR MAKES NO GUARANTEE AS TO THE COMPLETENESS OR ACCURACY OF THE UTILITY DATA SHOWN. CONTRACTOR SHALL VERIFY THE EXISTENCE AND LOCATION OF ALL UTILITIES PRIOR TO ANY DIGGING.

25. ALL STREETS SHALL BE THOROUGHLY SWEEPED JUST PRIOR TO APPLICATION OF STRIPING OR CHIP SEAL. ALL DEBRIS SHALL BE DISPOSED OF OFF SITE IN ACCORDANCE WITH ALL STATE AND FEDERAL REQUIREMENTS.

26. ALL CONFLICTING PAVEMENT MARKINGS THAT DO NOT MATCH NEW PATTERN SHALL BE THOROUGHLY WATER BLASTED.

27. EXISTING PAINTED MARKINGS THAT DO MATCH WITH NEW PATTERNS MAY BE PAINTED OVER WITH NEW RETROREFLECTIVE PAINT.

28. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SETTING UP A NEW BULK WATER ACCOUNT WITH BLOOMFIELD UTILITY BILLING FOR OBTAINING POTABLE WATER AT THE BULK WATER STATION ON SOUTH CHURCH STREET.

29. ALL DIMENSIONS ON PLANS ARE FOR INFORMATION PURPOSES ONLY. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND ALL OTHER PERTINENT INFORMATION THAT MAY BE REQUIRED TO COMPLETE THE WORK.

30. LANDFILL FEES: THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LANDFILL DUMPING FEES. NO ADDITIONAL MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.

31. THE CONTRACTOR SHALL BE REQUIRED TO CONFINE HIS WORK WITHIN THE CONSTRUCTION LIMITS AND/OR NEW RIGHT-OF-WAY LIMITS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROHIBIT VEHICLES AND EQUIPMENT FROM DRIVING UPON, ACROSS, OR TURNING ON PRIVATE PROPERTY ADJACENT TO PROJECT LIMITS.

32. THE CONTRACTOR SHALL DISPOSE OF EXCESS UNCLASSIFIED EXCAVATION PER THE DIRECTION OF THE OWNERS PROJECT MANAGER/RESPRESENTATIVE AT NO ADDITIONAL COST TO THE OWNER, AS LONG AS THE ONE-WAY DISTANCE IS LESS THAN FIVE (5) MILES FROM THE PROJECT LIMITS.

33. "R-VALUE": THE DESIGN R-VALUE IS ____.

34. RECYCLED ASPHALT PAVEMENT (RAP): NO RAP SHALL BE USED IN THE PRODUCTION OF HMA/WMA FOR THIS PROJECT.

PROJECT SPECIFICATIONS

THE 2019 EDITION OF NEW MEXICO DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATION FOR HIGHWAY AND BRIDGE CONSTRUCTION SHALL GOVERN CONSTRUCTION OF THIS PROJECT. IF FOR SOME REASON THE NMDOT STANDARDS DO NOT APPLY, THE CITY OF BLOOMFIELD TECHNICAL SPECIFICATIONS AND CONSTRUCTION STANDARDS SHALL BE APPLIED TO CONSTRUCTION OF THE PROJECT.

LEGEND

	GAS MARKER		NEW PAVEMENT
	GAS METER		CONCRETE
	WATER METER		
	BLOW-OFF VALVE		
	WATER MANHOLE		
	WATER SPIGOT		
	ELECTRIC PANEL		
	DOWN GUY		
	POWER POLE		
	LIGHT POLE		
	TELEPHONE PEDESTAL		
	SEWER MANHOLE		
	STORM DRAIN MANHOLE		
	MAIL BOX		
	SIGN		
	BOLLARD		
	TEE POST		
	STORM DRAINE		
	GAS LINE		
	WATER LINE		
	OVERHEAD ELECTRIC LINE		
	SEWER LINE		
	CHAINLINK FENCE		
	UNDERGROUND TELEPHONE LINE		
	PROPERTY LINE		

ABBREVIATIONS

AC	ACRE	SW	SIDEWALK
ALLOW	ALLOWANCE	SY	SQUARE YARDS
B/	BOTTOM OF	T/	TOP OF
BVCE	BEGIN OF VERTICAL CURVE ELEVATION	T&C	TOP BACK OF CURB
BVCS	BEGIN OF VERTICAL CURVE STATION		
CMP	CORRUGATED METAL PIPE		
COF	CITY OF FARMINGTON		
CY	CUBIC YARDS		
DWG	DRAWING		
EA	EACH		
EL	ELEVATION		
EVCE	END OF VERTICAL CURVE ELEVATION		
EVCS	END OF VERTICAL CURVE STATION		
EW	EACH WAY		
FG	FINISH GRADE		
FTG	FOOTING		
INV	INVERT		
LF	LINEAR FEET		
LS	LUMP SUM		
LVC	LENGTH OF VERTICAL CURVE		
PVI	POINTS OF VERTICAL INTERSECTION		
RCP	REINFORCED CONCRETE PIPE		
SF	SQUARE FEET		
STA	STATION		
STD	STANDARD		

CITY OF BLOOMFIELD

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GENERAL NOTES

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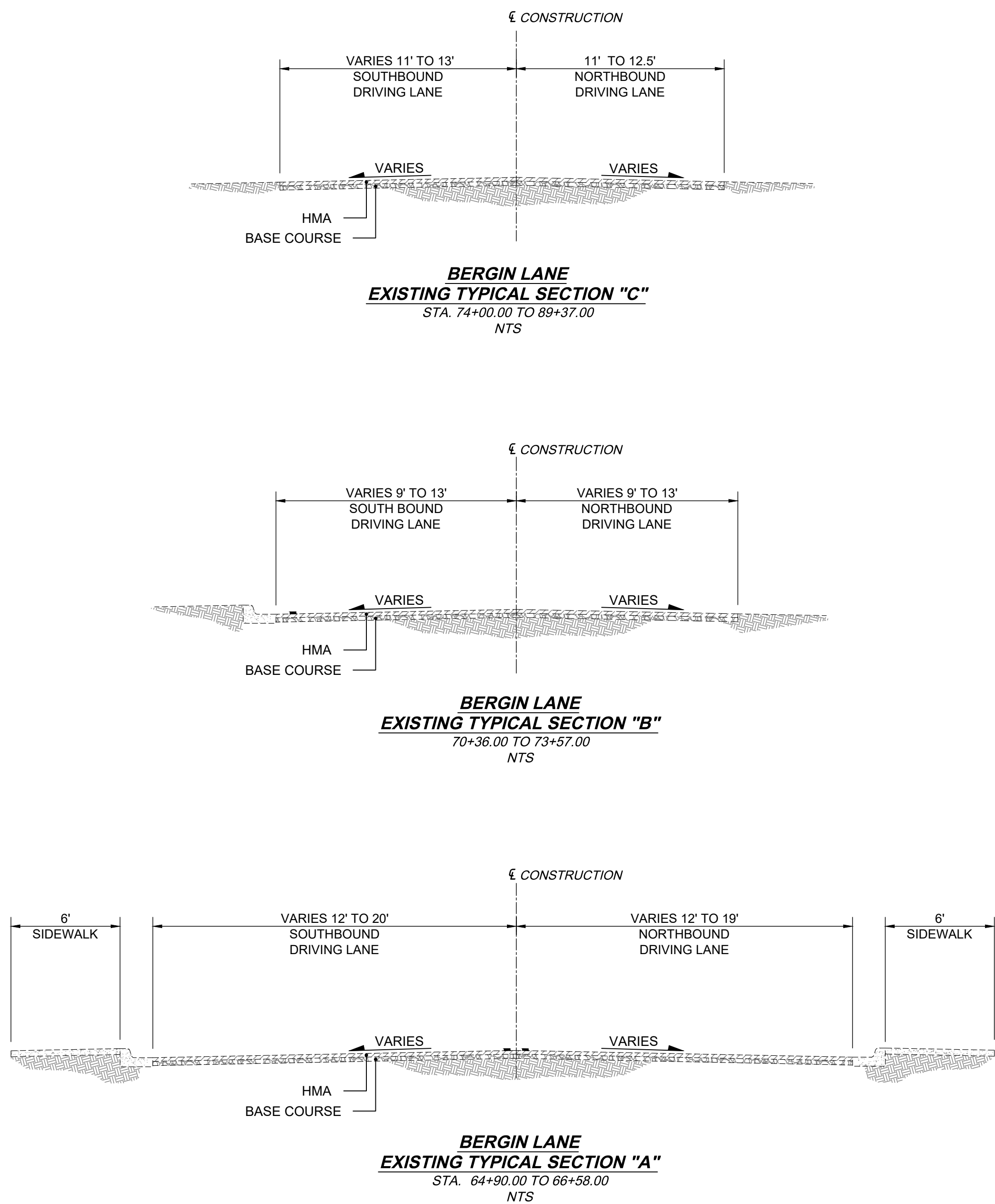
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EXISTING TYPICAL SECTIONS

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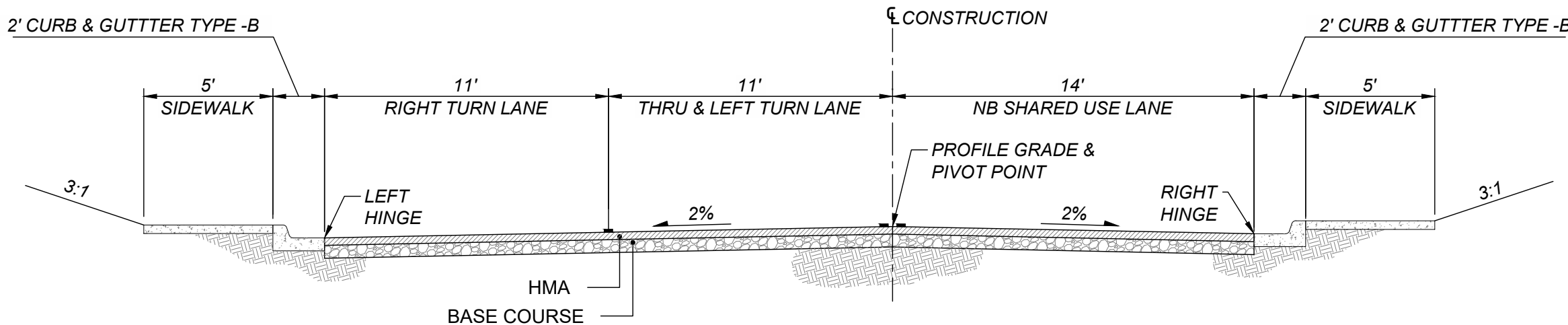
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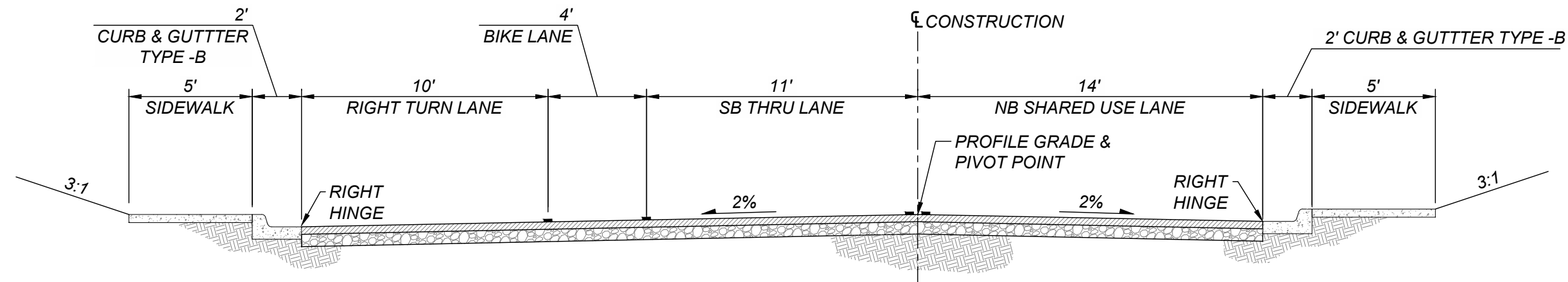
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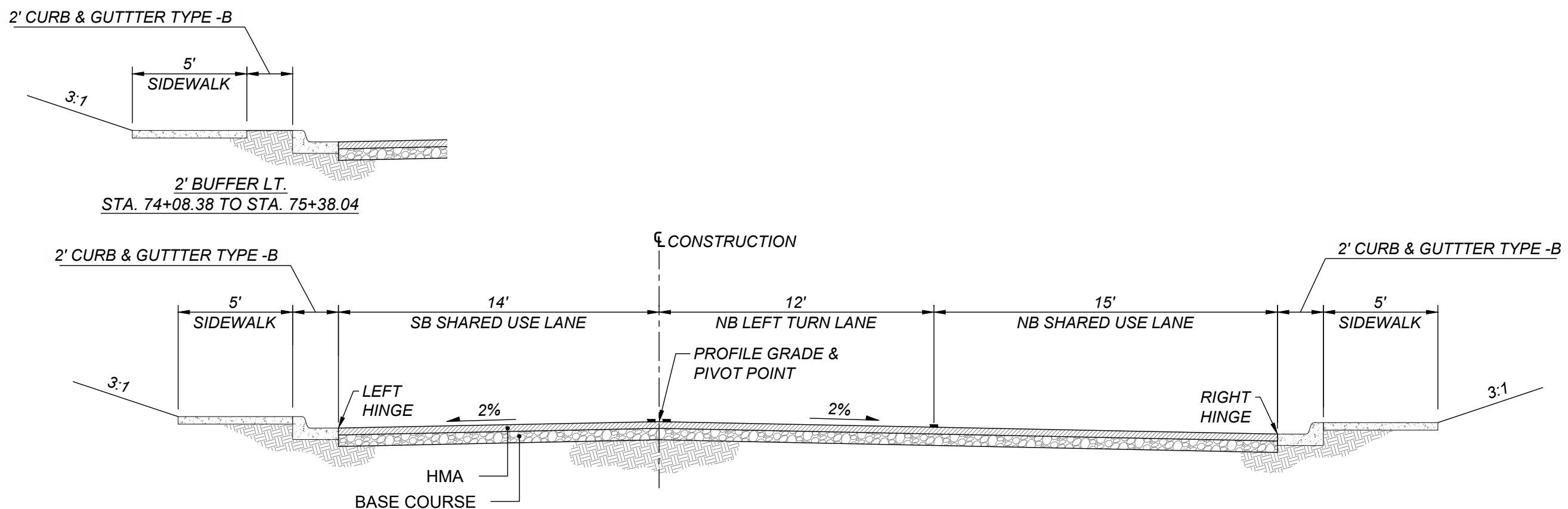
**BERGIN LANE
PROPOSED TYPICAL SECTION B**
*STA. 66+00.00 TO STA. 74+08.38
STA. 79+24.86 TO STA. 90+33.78
STA. 74+08.38 TO 75+02.84 TRANSITION FROM TYPICAL SECTION B TO TYPICAL SECTION C



**BERGIN LANE
PROPOSED TYPICAL SECTION A**
STA. 64+52.04 TO 65+77.55
STA. 65+77.55 TO 66+00.00 TRANSITION SECTION A TO TYPICAL SECTION B
NTS



**BERGIN LANE
PROPOSED TYPICAL SECTION D**
STA. 77+38.51 TO STA. 78+44.36
STA. 78+44.36 TO STA. 79+24.86 TRANSITION FROM TYPICAL SECTION D TO TYPICAL SECTION B
NTS



**BERGIN LANE
PROPOSED TYPICAL SECTION C**
STA. 75+02.84 TO STA. 76+38.40
STA. 76+38.40 TO 77+38.51 TRANSITION FROM TYPICAL SECTION C TO TYPICAL SECTION D

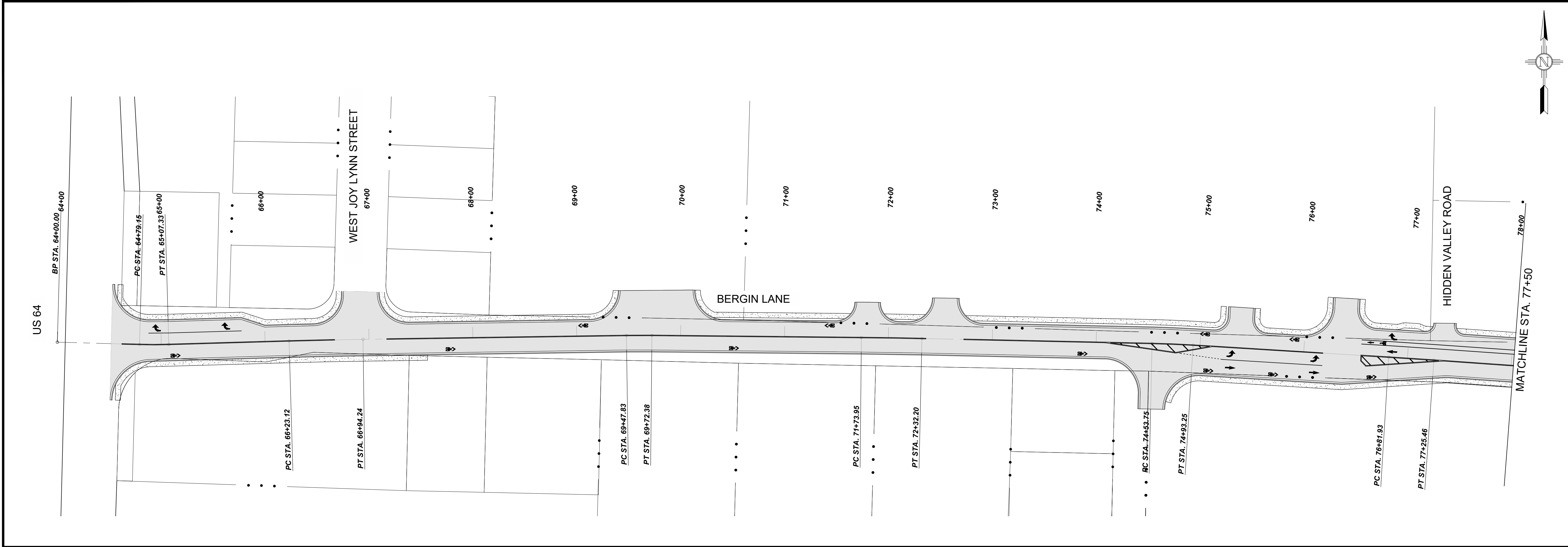
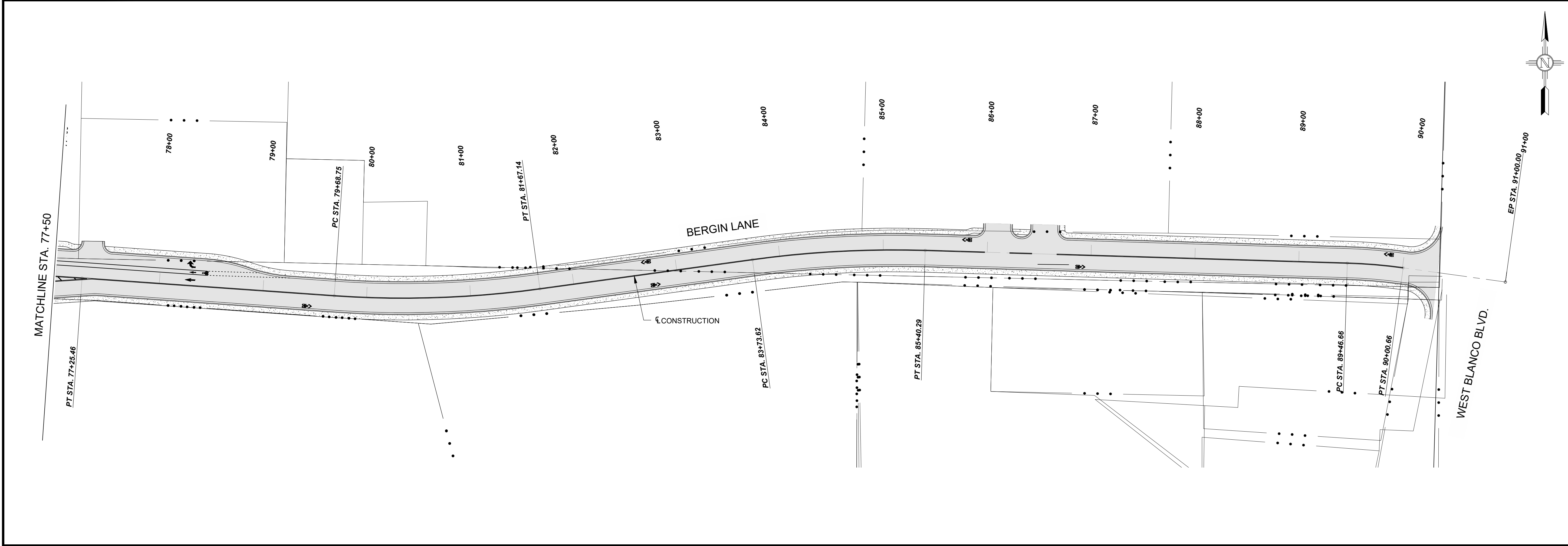
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PROPOSED TYPICAL SECTIONS

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PROJECT LAYOUT

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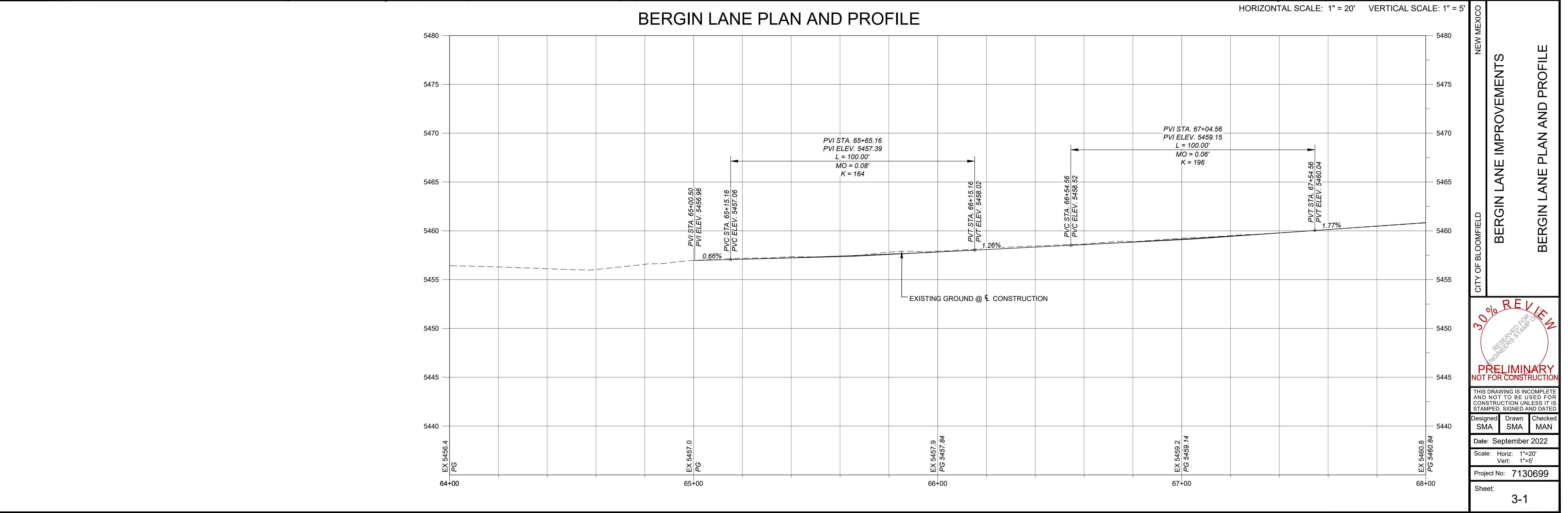
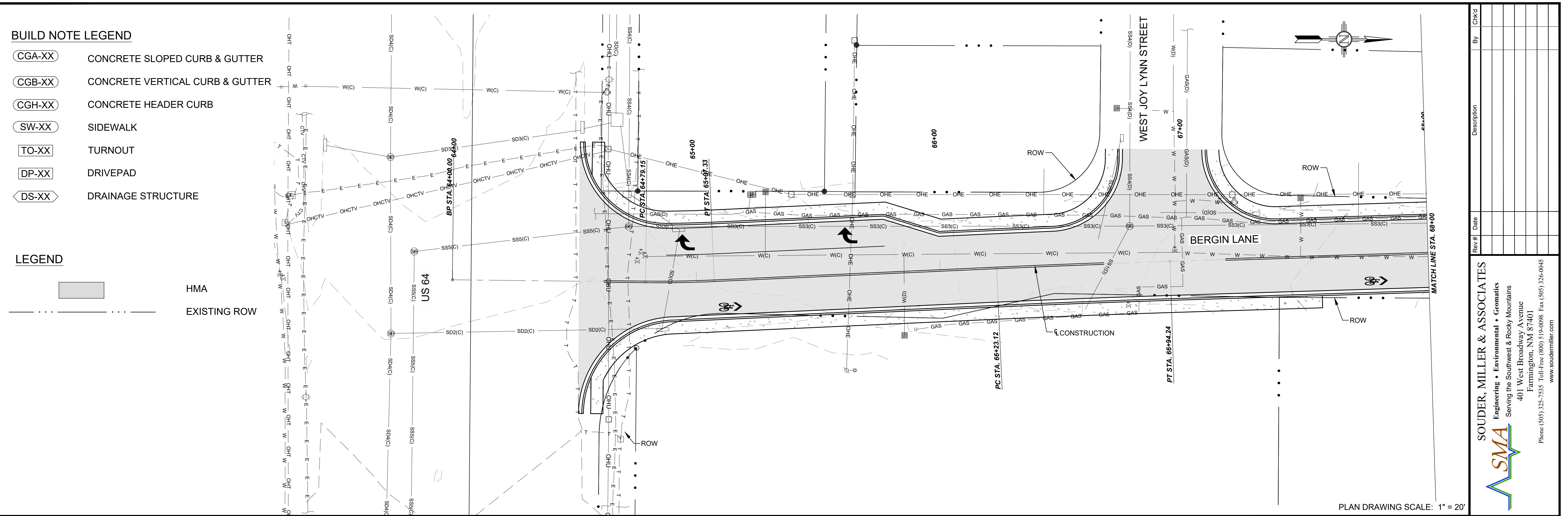
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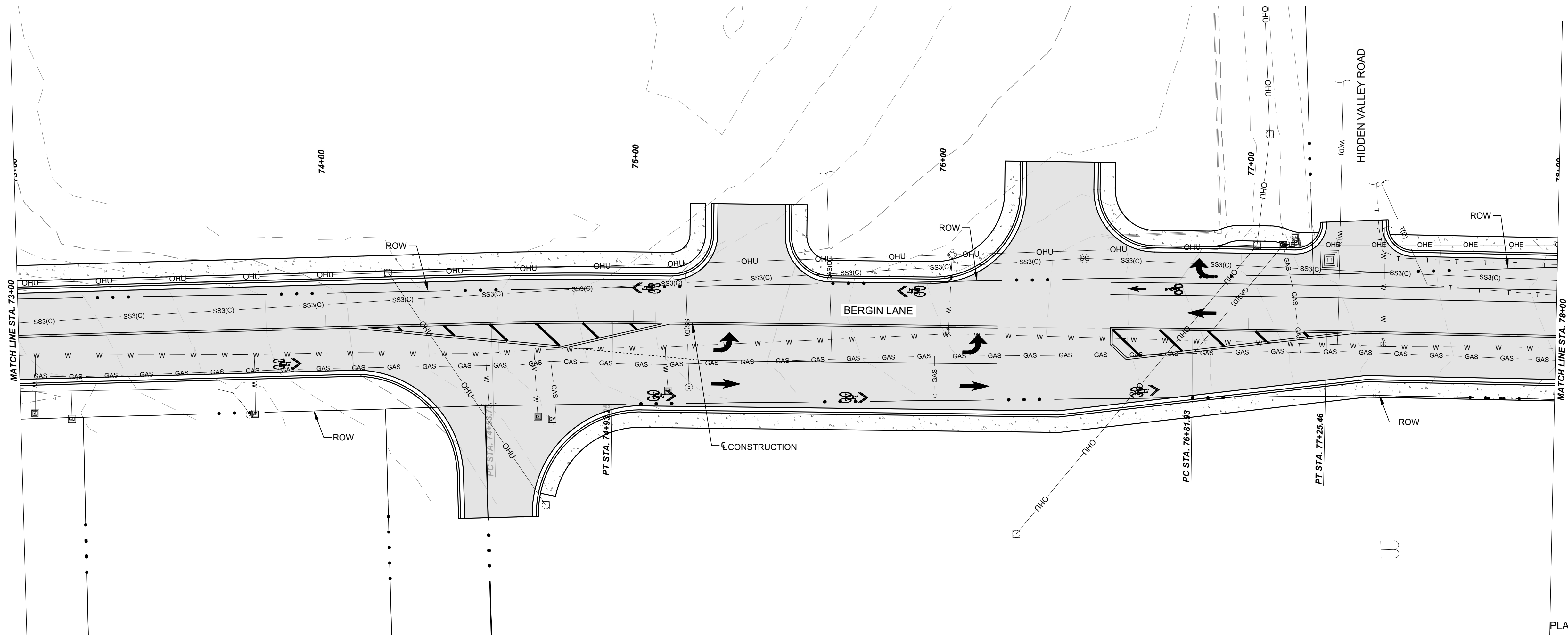
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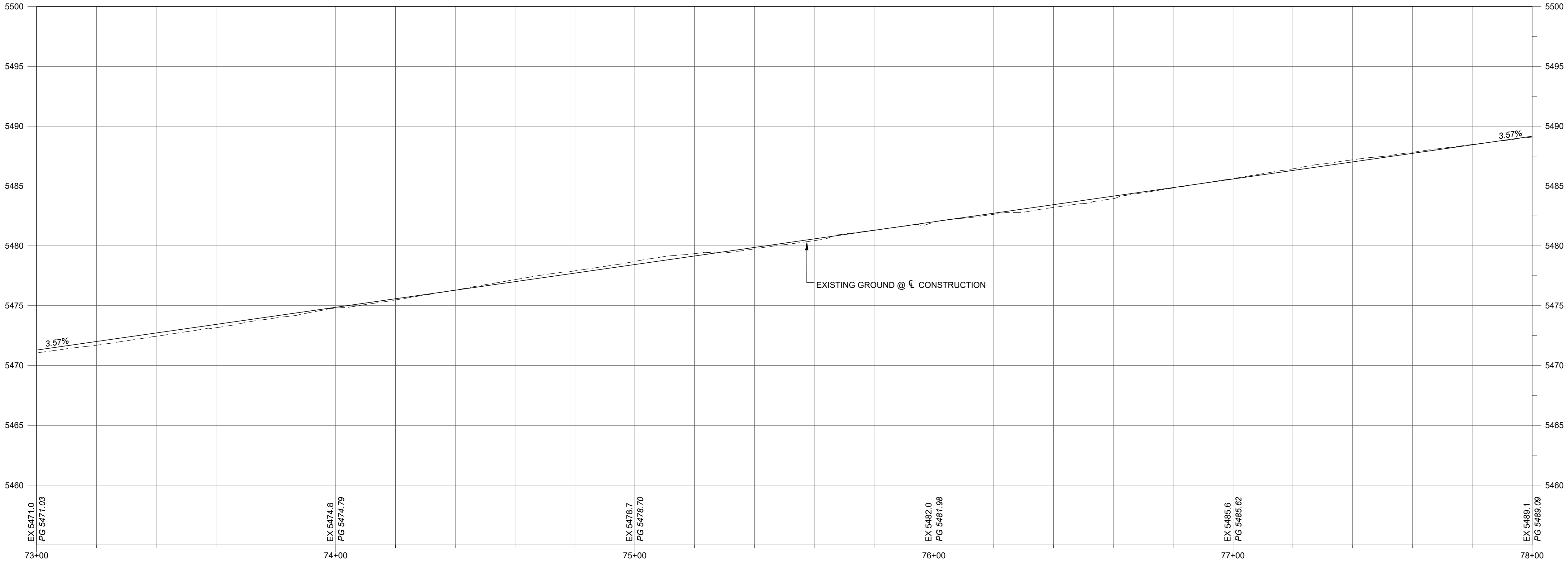




PLAN DRAWING SCALE: 1" = 20'

BERGIN LANE PLAN AND PROFILE

HORIZONTAL SCALE: 1" = 20' VERTICAL SCALE: 1" = 5'



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BERGIN LANE IMPROVEMENTS

BERGIN LANE PLAN AND PROFILE

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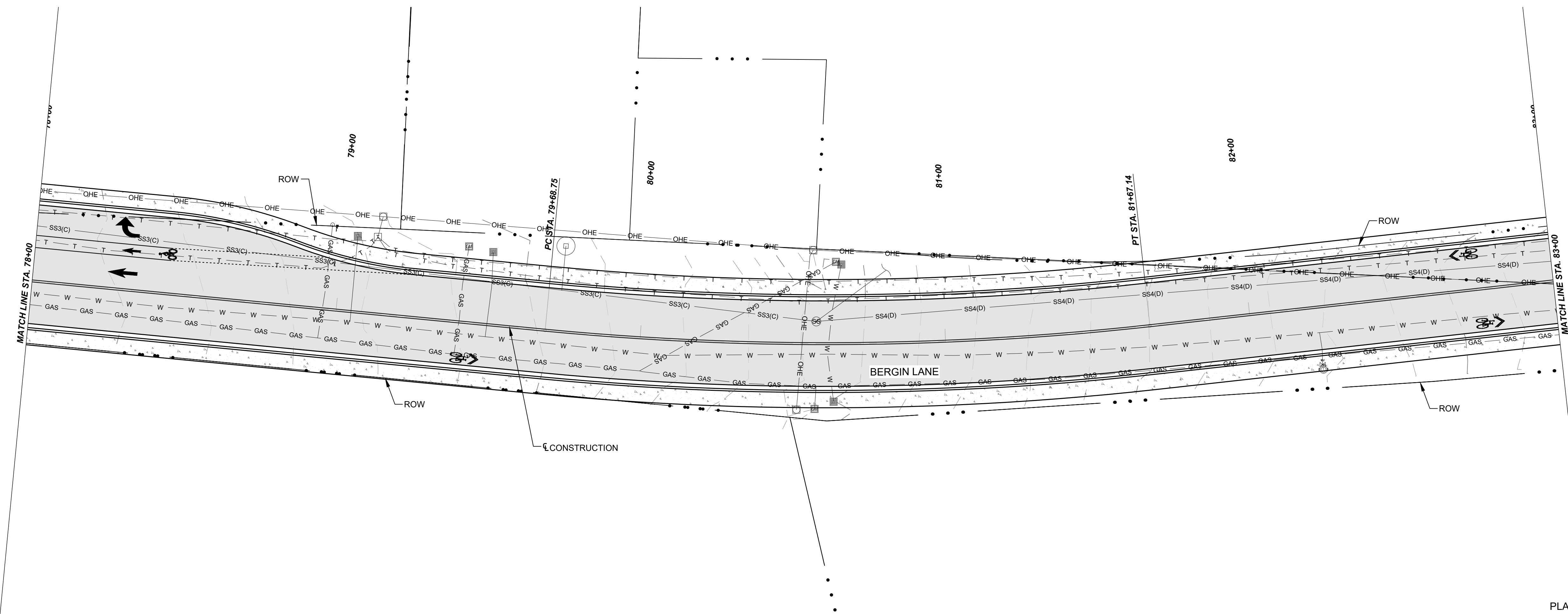
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Date: September 2022

Scale: Horiz: 1"=20'
Vert: 1"=5'

Project No: 7130699

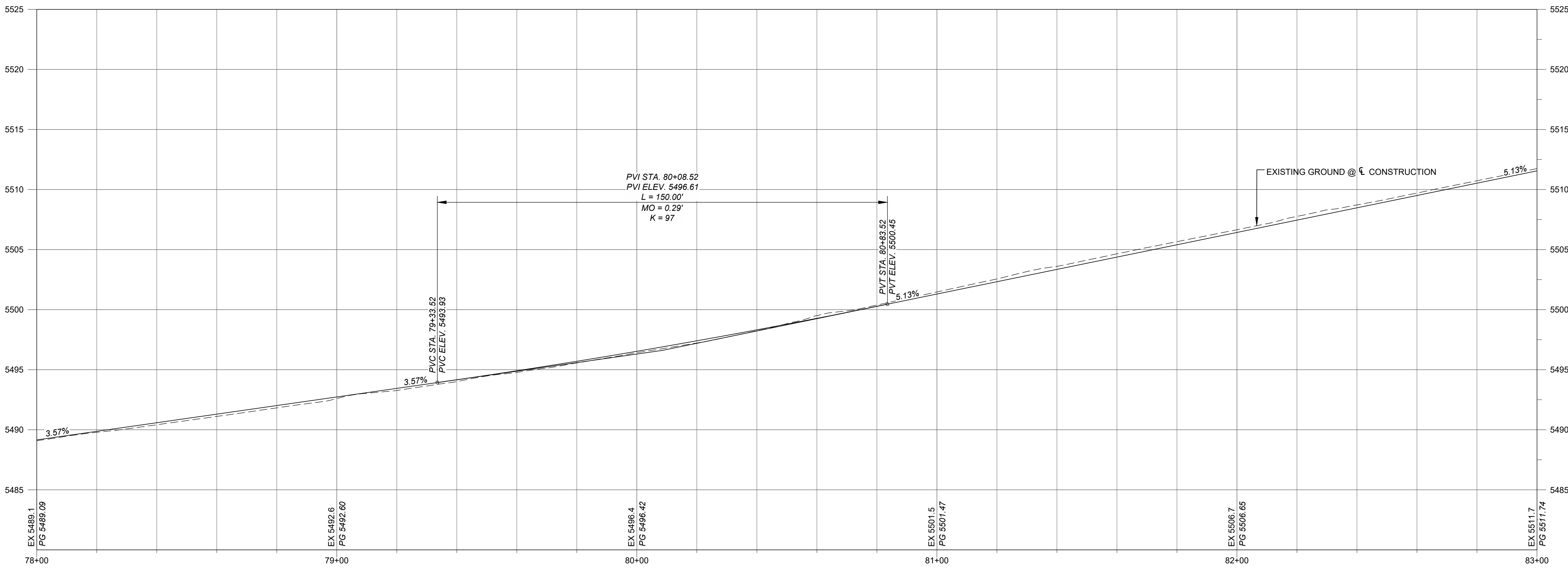
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PLAN DRAWING SCALE: 1" = 20'

BERGIN LANE PLAN AND PROFILE

HORIZONTAL SCALE: 1" = 20' VERTICAL SCALE: 1" = 5'



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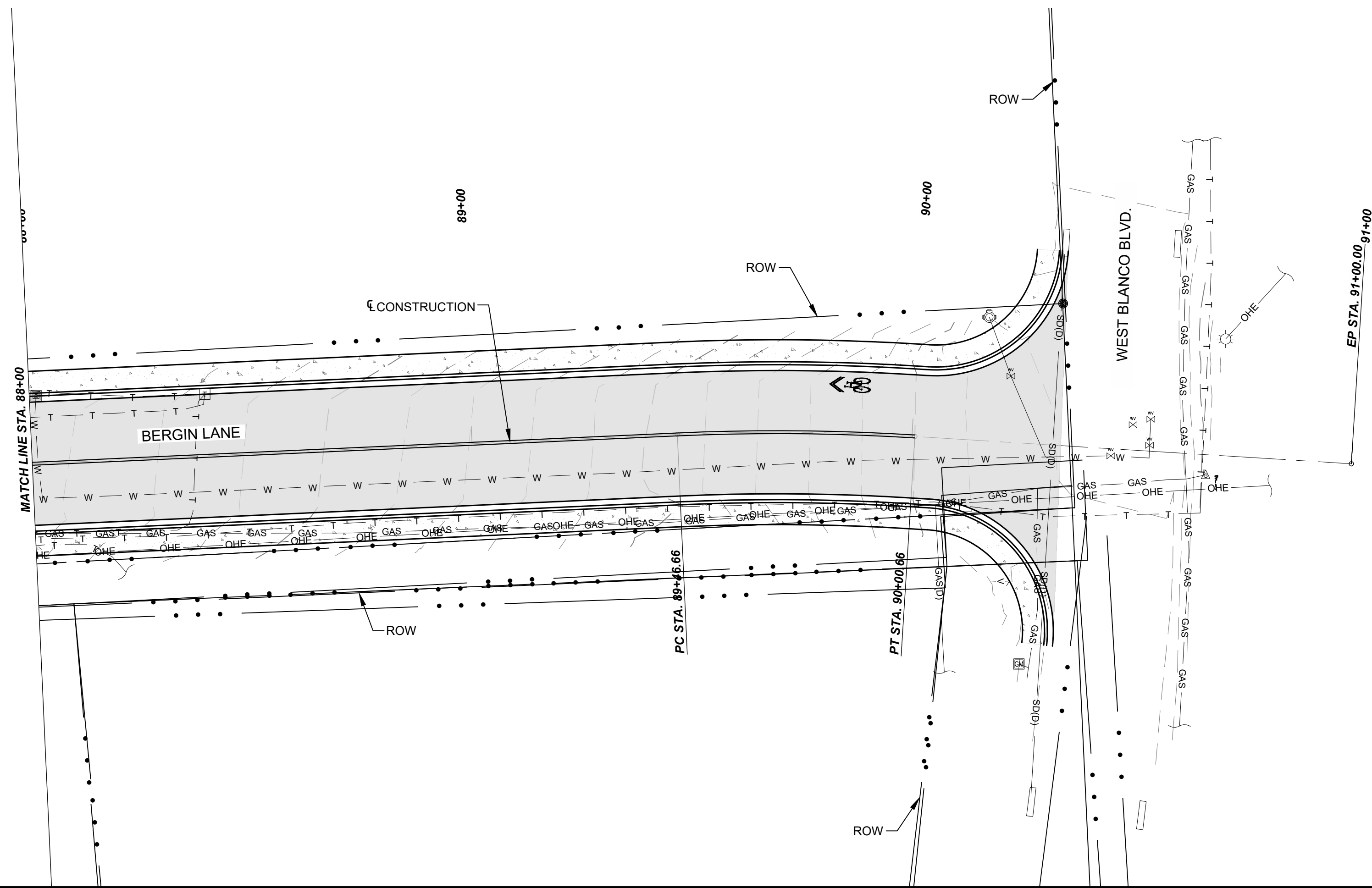
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Vert: 1"=5'

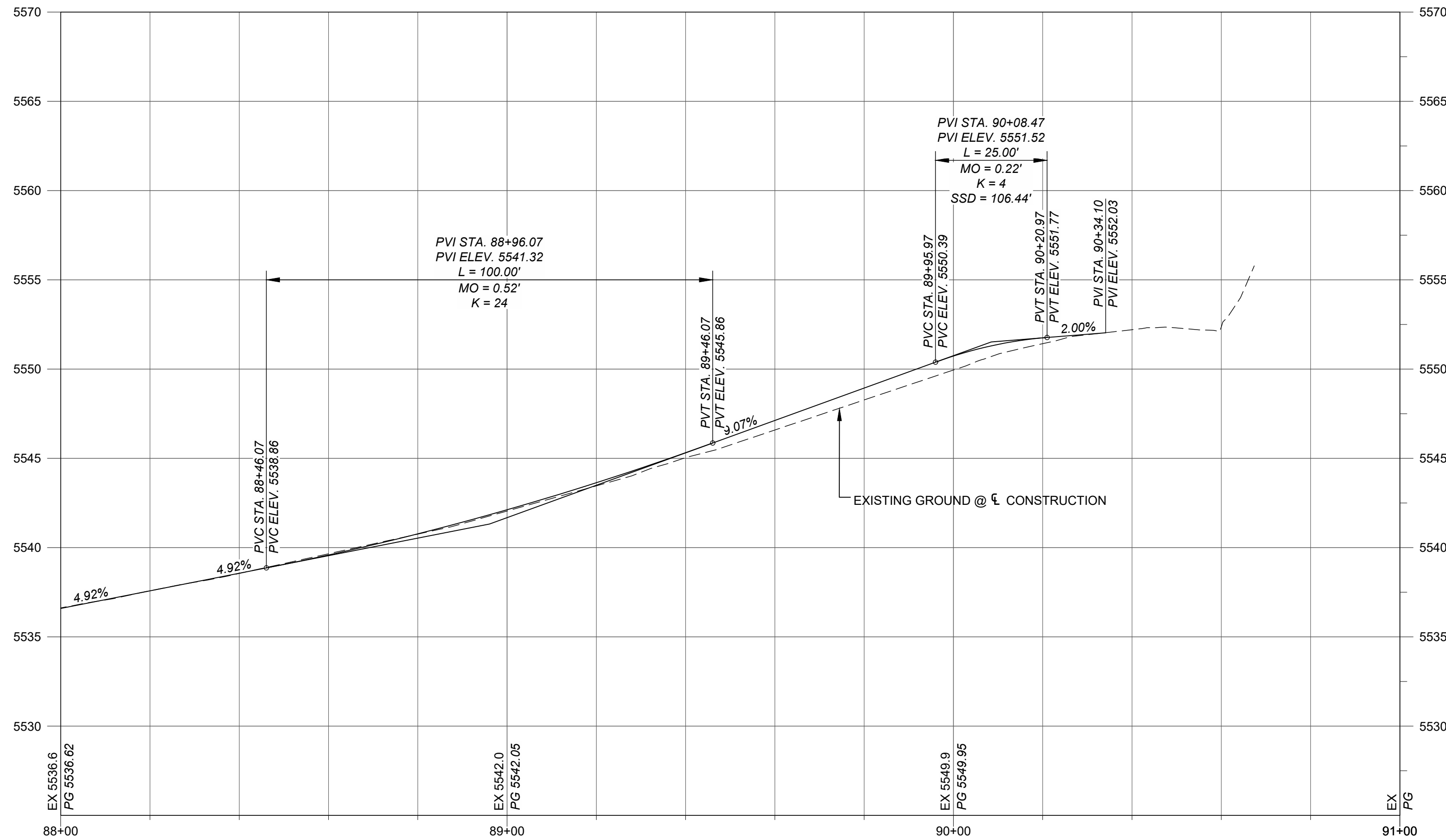
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PLAN DRAWING SCALE: 1" = 20'

BERGIN LANE PLAN AND PROFILE



HORIZONTAL SCALE: 1" = 20' VERTICAL SCALE: 1" = 5'

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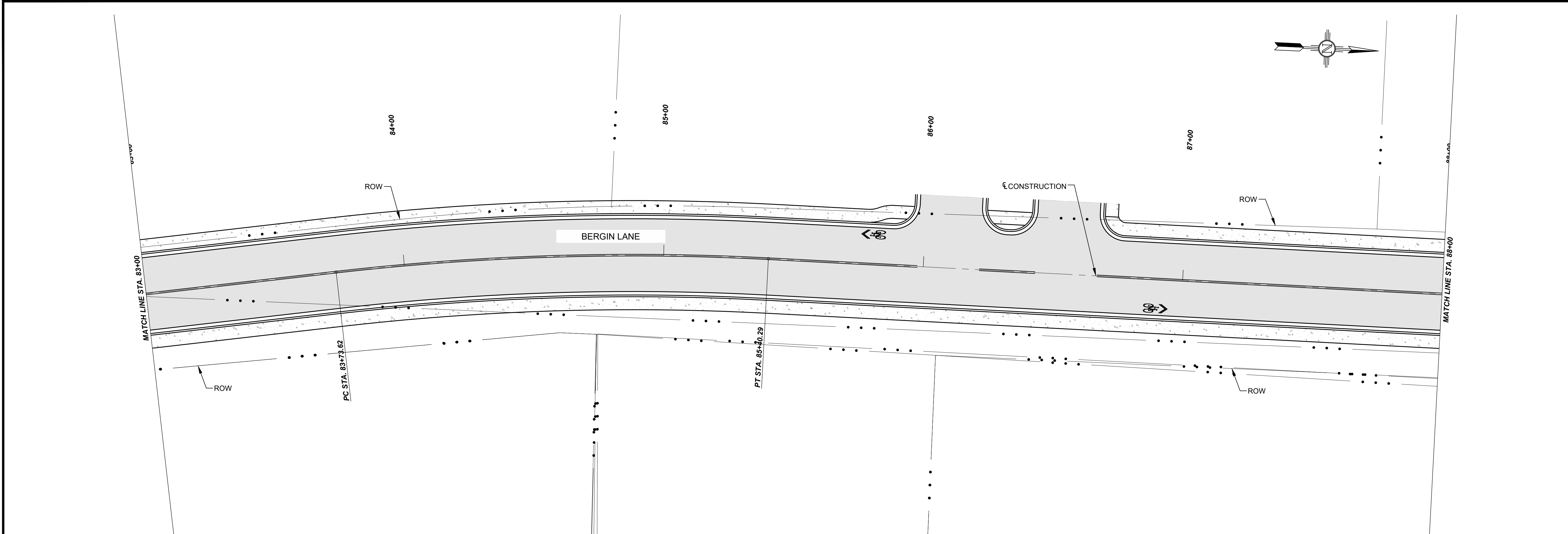
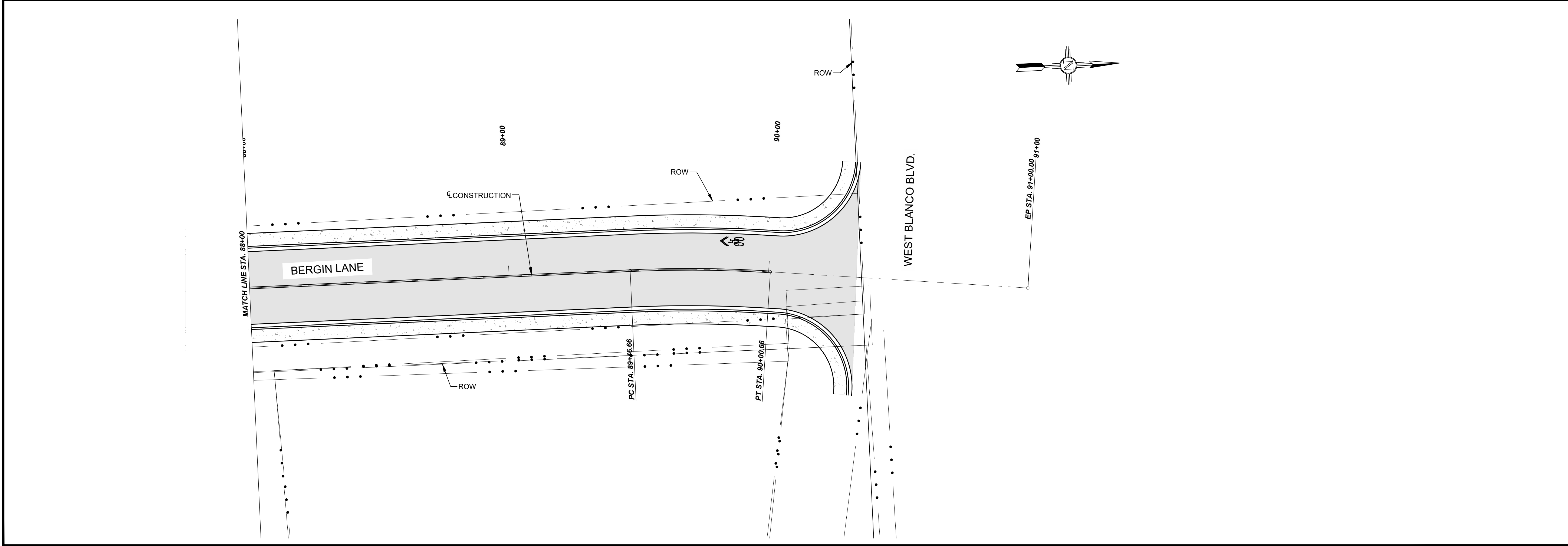
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