

CONSTRUCTION PLANS FOR
3601 MONTGOMERY BLVD NE
MONTGOMERY & CARLISLE
CARLISLE & COMANCHE
STRIPING IMPROVEMENTS
ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
JUNE 2020



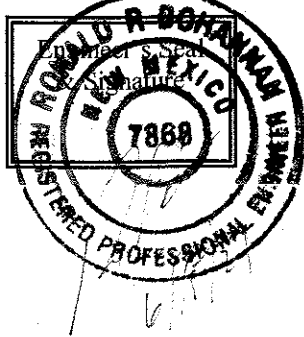
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APPROVED RECORD DRAWINGS	
City Inspector	Tim Sims
Contractor	TLC Plumbing
Construction Engineer	Jim Roeder
Date	6/17/2021

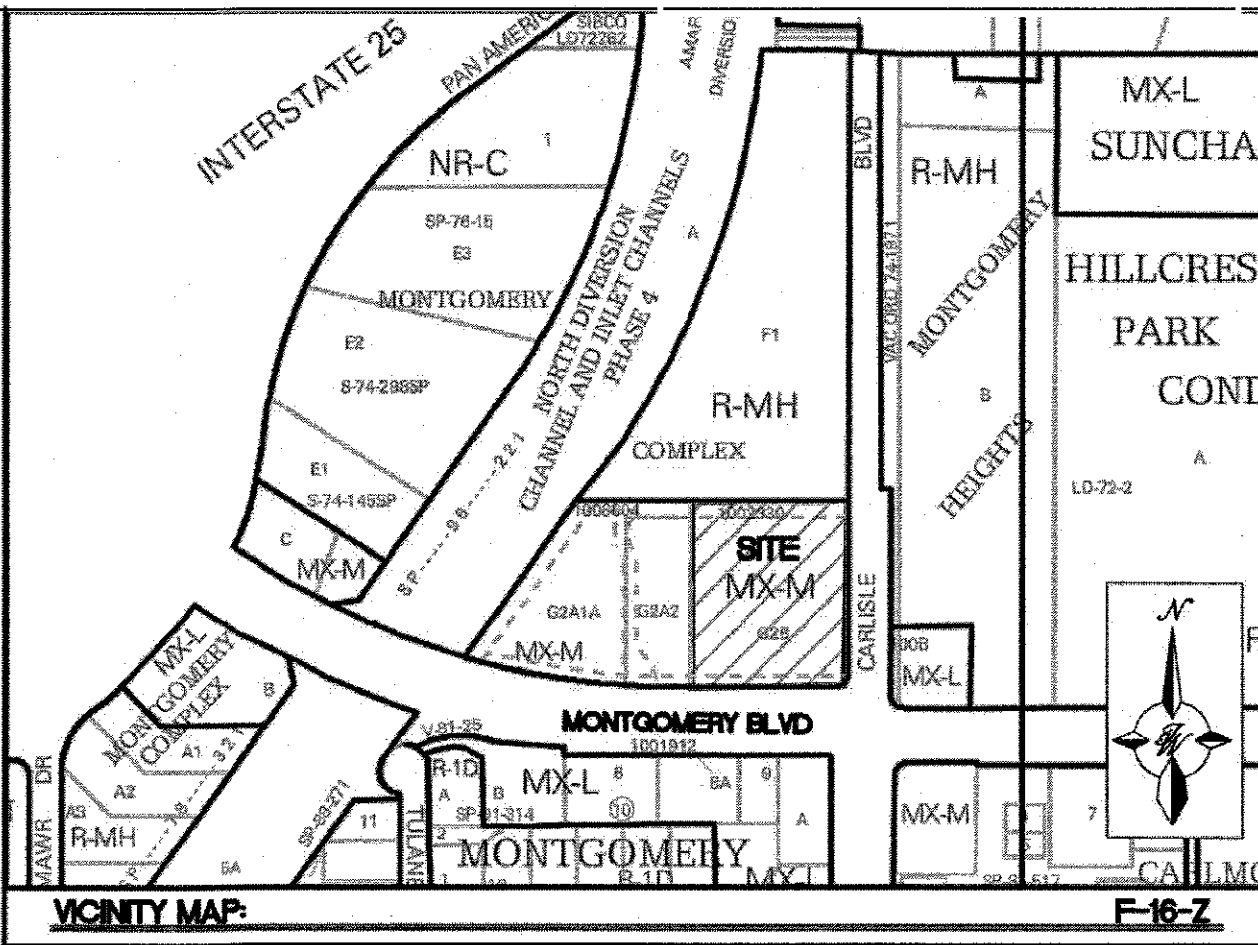
CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Ronald R. Bohannon, of the firm of Tierra West LLC, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction with as-builts information provided by field measurements.



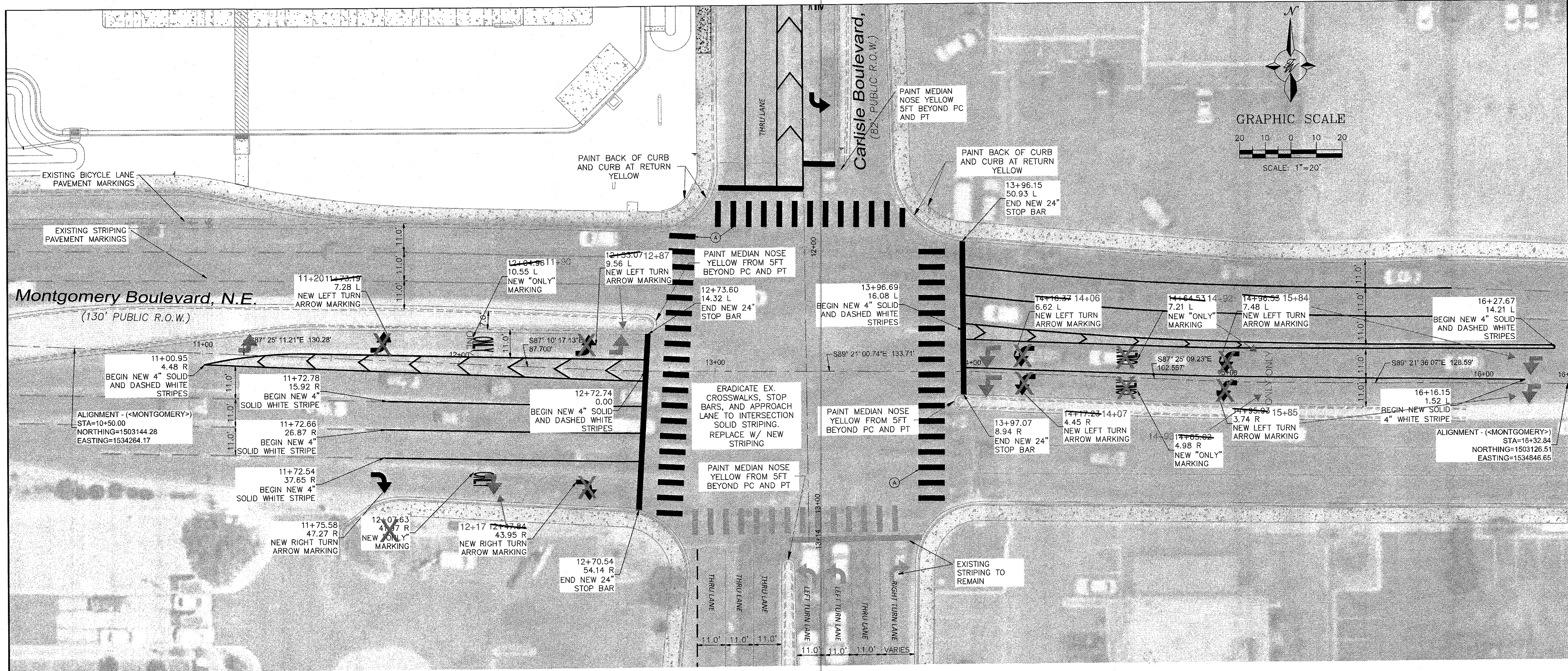
DRB NO. PR-2019-002920

TIERRA WEST, LLC
5571 MIDWAY PARK PLACE NE
ALBUQUERQUE, NEW MEXICO 87109
505-858-3100
www.tierrawestllc.com



LEGAL DESCRIPTION:
TR Q2B PLAT OF TRACTS Q-2-A + Q-2-B MONTGOMERY COMPLEX

- TRANSPORTATION**
- ANY STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH THERMO-PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO THE SAME LOCATION AS EXISTING OR AS INDICATED BY THIS PLAN SET.
 - REMOVAL OF EXISTING CURB & GUTTER AND SIDEWALKS SHALL BE TO THE NEAREST JOINT.
 - OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAYS OR DESIGNATED TRAFFIC LANES. THE CONTRACTOR SHALL NOT STORE ANY EQUIPMENT OR MATERIAL WITHIN THE PUBLIC RIGHT-OF-WAY.
 - CURB AND GUTTER, SIDEWALKS, AND DRIVE PADS SHALL MATCH THE LINE AND GRADE OF ADJUTING EXISTING AREAS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE PROJECT ENGINEER.
 - THE SUBGRADE PREP SHALL EXTEND ONE FOOT BEYOND THE FREE EDGE OF NEW CURB AND GUTTER AND SIDEWALK.
 - CONTRACTOR TO TEST SUBGRADE R-VALUE PRIOR TO CONSTRUCTION. IN THE EVENT THE R-VALUE IS LESS THAN 50, REMOVE 2 FEET OF SUBGRADE MATERIAL AND IMPORT MATERIAL WITH R-VALUE GREATER THAN 50 OR CONTACT THE ENGINEER IMMEDIATELY SO THE PAVEMENT SECTION CAN BE MODIFIED.
 - AT ALL PAVEMENT REMOVAL AND REPLACEMENTS, SAW-CUT EDGES SHALL BE STRAIGHT AND CLEAN, AND LONGITUDINAL JOINTS SHALL NOT BE PLACED WITHIN WHEEL PATHS. PATCHES SHALL BE REGULAR AND SQUARE OR RECTANGULAR, WITH FOUR STRAIGHT SIDES. FINISHED PAVEMENT SURFACE SHALL BE FLUSH WITH EXISTING PAVEMENT SURFACE, WITH NO SPOILOVER OF ASPHALT OR TACK COAT. CARE MUST BE TAKEN TO AVOID DAMAGING THE INTEGRITY OR APPEARANCE OF SURROUNDING PAVEMENTS; IF DAMAGED, THE ENTIRE SURFACE PATCH MUST BE EXPANDED TO COVER DAMAGES.
 - CONTRACTOR WILL ENSURE THE ASPHALT HAS A SMOOTH, UNIFORM EDGE WHEN REMOVING AND REPLACING CURB AND GUTTER. IF THE ASPHALT EDGE IS NOT SMOOTH AND UNIFORM, CONTRACTOR WILL SAW CUT AND REPLACE A ONE-FOOT STRIP OF ASPHALT ALONG THE FULL SECTION BEING REPLACED; REFER TO C.O.A. STANDARD DRAWING # 2465 WITH THE APPROPRIATE PAVING SECTION BASED ON ROADWAY CLASSIFICATION.



AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	M-6	DATE	NO.	BY	<div>RONALD R. BOHANNAN NEW MEXICO 7868 07/10/2020 PROFESSIONAL ENGINEER</div>	
DESIGNED BY	DATE	CENTRAL STATION DATA	DATE	DATE	REMARKS		
DESIGNED BY	DATE	NM STATE PLANE COORDINATES	DATE	DATE	REVISIONS		
DESIGNED BY	DATE	CENTRAL ZONE-N.A.D. 1983	DATE	DATE	DESIGN		
DESIGNED BY	DATE	STATIONING	DATE	DATE	DESIGNED BY: RS	<div>CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP</div> <div>MAVERIK STRIPING IMPROVEMENTS MONTGOMERY & CARLISLE, N.E.</div>	
DESIGNED BY	DATE	STATIONING	DATE	DATE	DRAWN BY: BF		
DESIGNED BY	DATE	STATIONING	DATE	DATE	DRAWING NAME: 20190501-ST		
DESIGNED BY	DATE	STATIONING	DATE	DATE	CHECKED BY: RS		

PERMANENT SIGNING AND STRIPING NOTES

- ALL REGULATORY, WARNING, SPECIAL, AND GUIDE SIGNS SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS. LEGEND AND BACKGROUND TO BE SAME SHEETING TYPE.
- ONLY 0.125 INCHES THICK ALUMINUM PANEL SIGNS ARE PERMITTED FOR WARNING AND REGULATORY SIGNS.
- ANTI-GRAFFITI COATING, WITH UV INHIBITOR, SHALL BE APPLIED ON ALL REGULATORY, WARNING, GUIDE AND SPECIAL SIGNS.
- QUANTITIES MAY VARY AS FIELD CONDITIONS DICTATE. THE CONTRACTOR WILL BE PAID FOR ACTUAL QUANTITIES USED.
- ALL TRAFFIC CONTROL DEVICES SHALL COMPLY WITH NM STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION (LATEST EDITION) AND ANY APPLICABLE SPECIAL PROVISION AND/OR SUPPLEMENTAL SPECIFICATION. ALSO THE DEVICES SHALL COMPLY WITH THE CURRENT EDITION, WITH REVISIONS, OF THE MUTCD.
- EACH SIGN FACE SHOWN ON PLANS SHALL MEET THE SPECIFICATIONS IN THE STANDARD HIGHWAY SIGNS MANUAL (CURRENT EDITION) FOR PROPER ARRANGEMENT, SPACING OF LETTERS, LETTER HEIGHT, SYMBOLS AND BORDERS FOR THE SPECIFIED SIZE AND MESSAGE AS SHOWN ON PLANS. ALL SPECIAL SIGN FACE DETAILS SHALL BE SUBMITTED TO THE NMDOT FOR REVIEW AND APPROVAL.
- POST LENGTHS ARE BASED ON A MINIMUM OF 5 FT FOR RURAL ROADWAY SECTIONS TO A MINIMUM OF 7 FT FOR URBAN AND INTERSTATE ROADWAY SECTIONS. THE LENGTHS ARE MEASURED FROM THE BOTTOM OF THE SIGN TO NEAR EDGE OF THE DRIVING LANE.
- ALL SIGNING HARDWARE, INCLUDING BUT NOT LIMITED TO, BRACKETS, BANDING, BUCKLES, FASTENERS, SCREWS AND WASHERS, ETC. ARE CONSIDERED INCIDENTAL TO SIGN INSTALLATION. THEREFORE, NO PAYMENT WILL BE MADE.
- THREE 4 LB/FT SIGN POST INSTALLATION APPROVED ONLY IF THE SPAN BETWEEN THE OUTER POSTS EXCEEDS 86" (SIGN WIDTH OF 96" OR GREATER).
- 3"-6" BASE POST ARE REQUIRED FOR ALL SMALL SIGN POSTS. SEE STANDARD SERIAL DRAWING 701-02-1/3 FOR DETAILS. BASE POSTS SHALL BE 2.5"x2.5" SQUARE.
- SIGN POSTS SHALL BE 2.25"x2.25" SQUARE TUBING OR AS APPROVED BY THE PROJECT MANAGER, THE DISTRICT TRAFFIC ENGINEER OR HIS/HER DESIGNEE.
- THE LATERAL CLEARANCE OF SIGNS SHALL BE NO CLOSER THAN THE 6 FT FROM THE EDGE OF SHOULDER OR 12 FT FROM THE EDGE OF TRAVELED WAY FOR RURAL AREAS AND NO CLOSER THAN 2 FT FROM FACE OF CURB FOR URBAN AREAS.
- CONTRACTOR SHALL FIELD VERIFY ALL SIGNING, TEXT, AND LOCATIONS PRIOR TO FABRICATION AND INSTALLATION. NEW SIGN LOCATIONS SHALL BE APPROVED BY THE PROJECT MANAGER OR THE DISTRICT TRAFFIC ENGINEER.
- HOT THERMOPLASTIC PAVEMENT MARKINGS SHALL TO BE USED ON ALL STRIPING (LONG LINES, LEGENDS, SYMBOLS, ETC.) THE THERMOPLASTIC PAVEMENT MARKING SHALL BE APPLIED AT A THICKNESS OF 90 MIL. THE APPROVED THERMOPLASTIC MARKING APPLICATION METHOD SHALL BE EITHER GRAVITY EXTRUSION OR RIBBON APPLICATION.
- THE CONTRACTOR SHALL MARK ALL LOCATIONS IN THE FIELD IN WHICH PAVEMENT MARKINGS, SUCH AS LEGENDS, ARROWS, CROSSWALKS, STOP BARS, ETC. ARE TO BE PLACED. THIS PAVEMENT MARKING LAYOUT SHALL BE CONSIDERED INCIDENTAL. THE CONTRACTOR SHALL OBTAIN CONCURRENCE FROM THE DISTRICT TRAFFIC ENGINEER (OR HIS/HER DESIGNEE) BEFORE THE FINAL MARKINGS ARE APPLIED.
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KEYED NOTE:

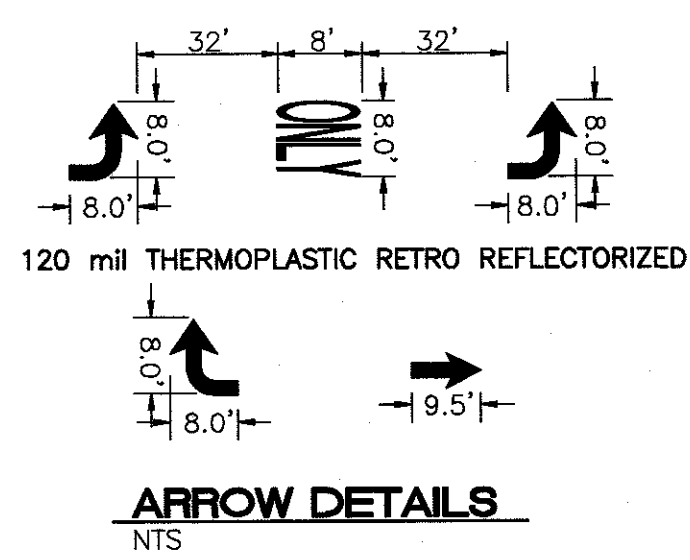
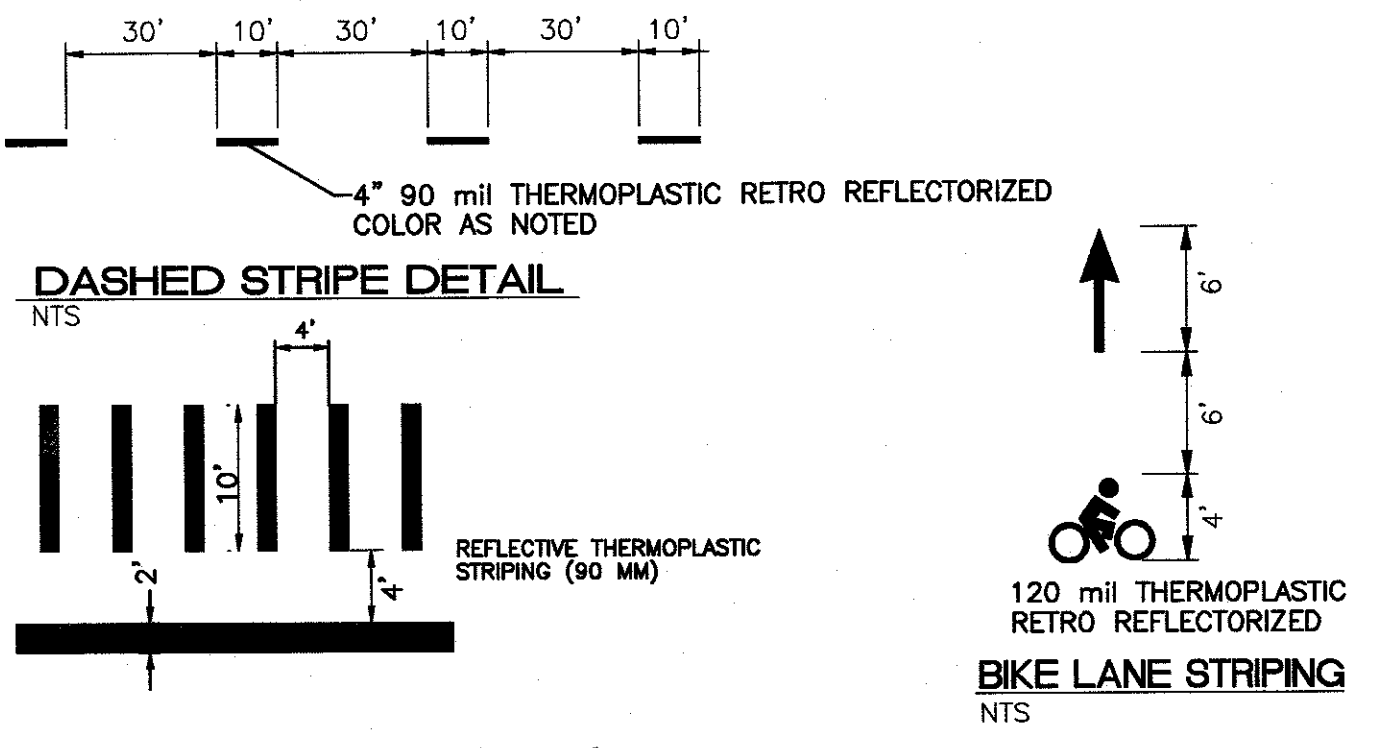
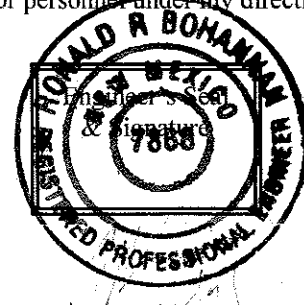
- (A) NEW CONTINENTAL CROSSWALK 24" SOLID WHITE STRIPING

GENERAL NOTES:

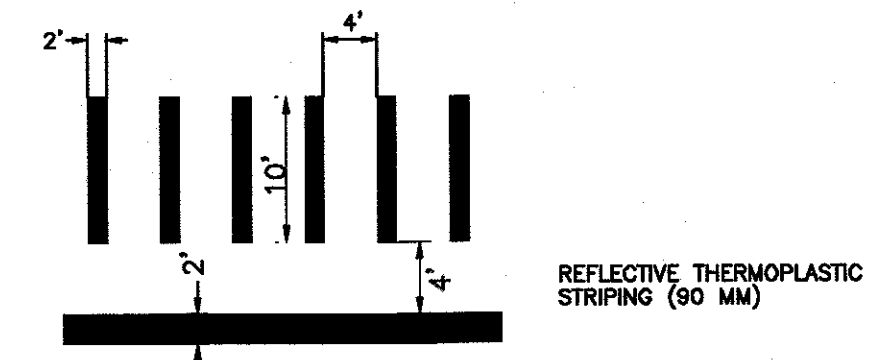
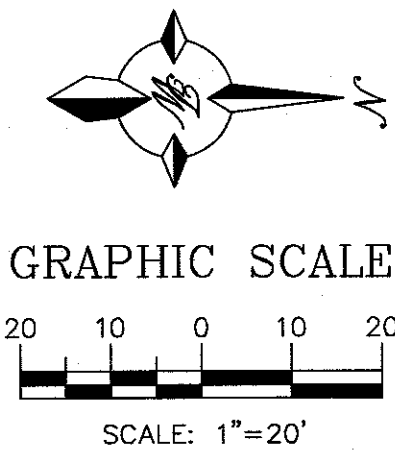
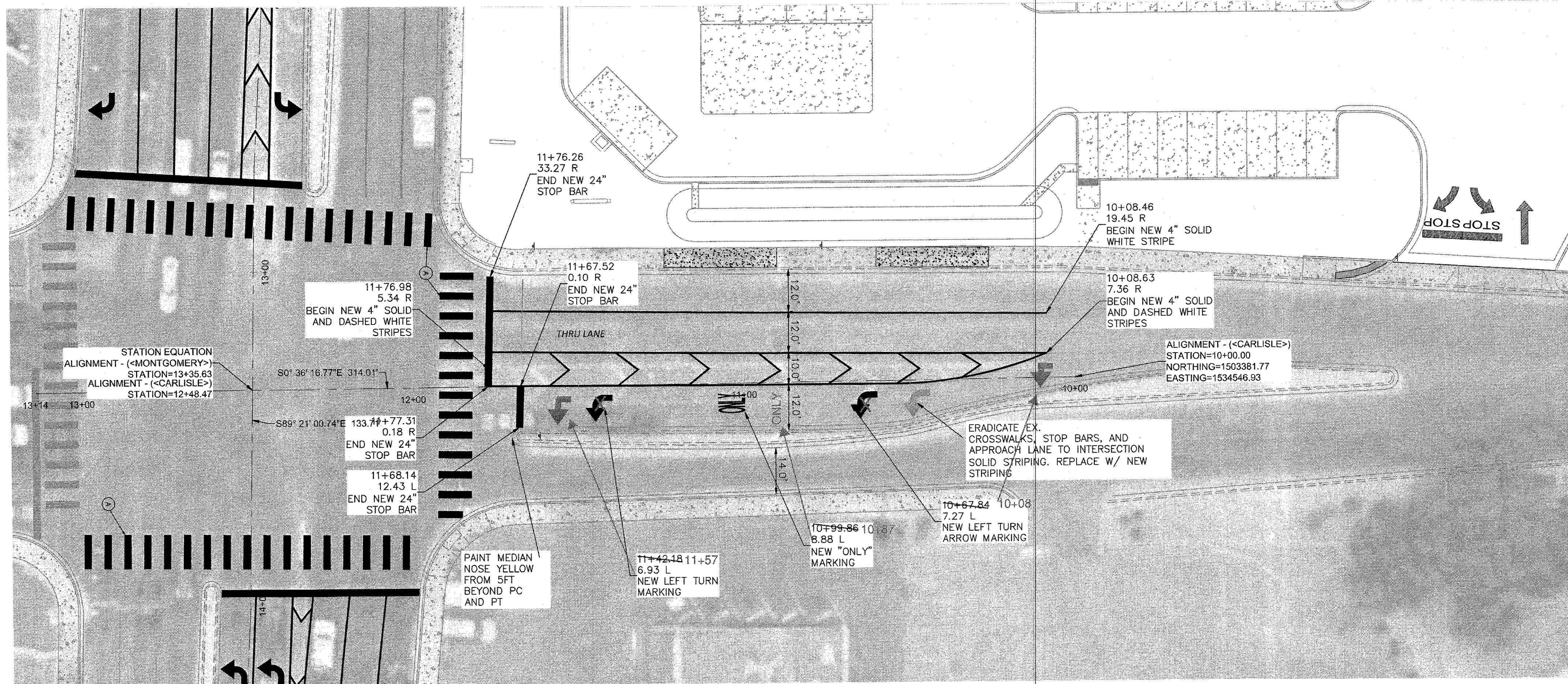
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- ALL SIGNS SHALL BE MADE IN ACCORDANCE WITH THE M.U.T.C.D. (CURRENT EDITION) SPECIFICATIONS AND COA STANDARDS.
- ALL STRIPING AND PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE M.U.T.C.D. (CURRENT EDITION) SPECIFICATIONS AND COA STANDARDS (THERMOPLASTIC).
- ~~PAINT ALL MEDIAN CURB AND MEDIAN NOSE ON LOS VOLCANES YELLOW (TYP) PER COA SPECIFICATIONS.~~
- CONTRACTOR SHALL REFRESH ALL EXISTING CROSSWALKS, SYMBOLS AND HOLDING BAY STRIPES. ALL PERMANENT MARKINGS SHALL BE THERMOPLASTIC.
- PROPOSED STRIPING SHALL ALIGN WITH EXISTING STRIPING AT WORK LIMITS.

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

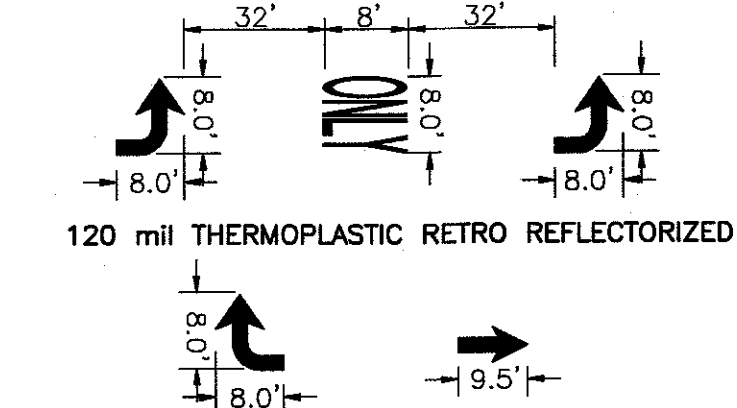
I, Ronald R. Bohannon, of the firm of Tierra West LLC, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction with as-builts information provided by field measurements.



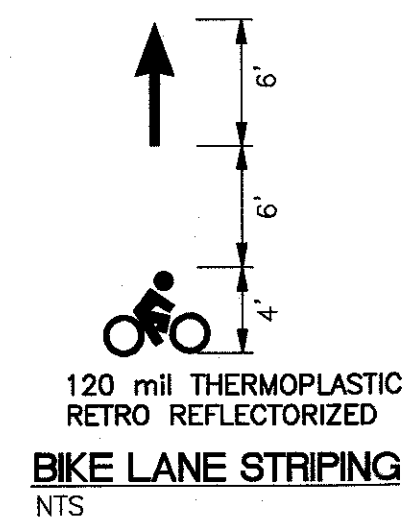
TERRA WEST, LLC 5571 MIDWAY PARK PLACE NE ALBUQUERQUE, NM 87109 (505)858-3100 www.tierrawestllc.com	
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP	
TITLE: MAVERIK STRIPING IMPROVEMENTS MONTGOMERY & CARLISLE, N.E.	
DESIGN REVIEW COMMITTEE APPROVED Oct 7, 2020 DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
CITY PROJECT NO. 709085	ZONE MAP NO. F-16-Z
SHEET 2	OF 4



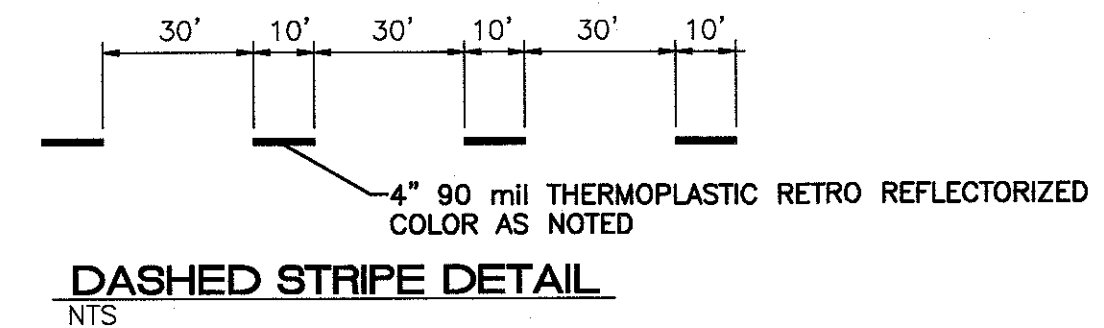
CROSSWALK DETAIL (CONTINENTAL)
NTS



ARROW DETAILS



BIKE LANE STRIPING



DASHED STRIPE DETAIL
NTS

PERMANENT SIGNING AND STRIPING NOTES

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5. ANTI-GRAFFITI COATING, WITH UV INHIBITOR, SHALL BE APPLIED ON ALL REGULATORY, WARNING, GUIDE AND SPECIAL SIGNS.
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11. THREE 4 LB/FT SIGN POST INSTALLATION APPROVED ONLY IF THE SPAN BETWEEN THE OUTER POSTS EXCEEDS 86" (SIGN WIDTH OF 96" OR GREATER).
12. 3'-6" 1/3 POST ARE REQUIRED FOR ALL SMALL SIGN POSTS. SEE STANDARD SERIAL DRAWING 701-02-1/3P FOR DETAILS. BASE POSTS SHALL BE 2.5"x2.5" SQUARE.
13. SIGN POSTS SHALL BE 2.25"x2.25" SQUARE TUBING OR AS APPROVED BY THE PROJECT MANAGER, THE DISTRICT TRAFFIC ENGINEER OR HIS/HER DESIGNEE.
14. THE LATERAL CLEARANCE OF SIGNS SHALL BE NO CLOSER THAN THE 6 FT FROM THE EDGE OF SHOULDER OR 12FT FROM THE EDGE OF TRAVELED WAY FOR RURAL AREAS AND NO CLOSER THAN 2FT FROM FACE OF CURB FOR URBAN AREAS.
15. CONTRACTOR SHALL FIELD VERIFY ALL SIGNING, TEXT, AND LOCATIONS PRIOR TO FABRICATION AND INSTALLATION. NEW SIGN LOCATIONS SHALL BE APPROVED BY THE PROJECT MANAGER OR THE DISTRICT TRAFFIC ENGINEER.
16. HOT THERMOPLASTIC PAVEMENT MARKINGS SHALL TO BE USED ON ALL STRIPING (LONG LINES, LEGENDS, SYMBOLS, ETC.). THE THERMOPLASTIC PAVEMENT MARKING SHALL BE APPLIED AT A THICKNESS OF 90 MIL. THE APPROVED THERMOPLASTIC MARKING APPLICATION METHOD SHALL BE EITHER GRAVITY EXTRUSION OR RIBBON APPLICATION.
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18. PNEUMATIC TIRE PATTERNING SHALL BE USED ON ALL PAVED AREAS OF THE PROJECT. WATER BLASTING IS THE ONLY APPROVED METHOD OF EXISTING STRIPING REMOVAL WITHIN DISTRICT THE USE OF BLACK PANT AS A METHOD OF REMOVING OR COVERING EXISTING STRIPING IS STRICTLY PROHIBITED. WHEN WATER BLASTING ON OPEN GRADED FRICTION COURSE (OGFC) OR ON THE FINAL FLIT OF THE EXISTING PAVEMENT, THE CONTRACTOR SHALL APPLY A SEAL TO THE WATER BLASTED AREA AND SEAL SHALL BE INCIDENTAL TO RETAIL OF PAVEMENT STRIPING.

KEYED NOTE:

- (A) NEW CONTINENTAL CROSSWALK 24" SOLID WHITE STRIPING

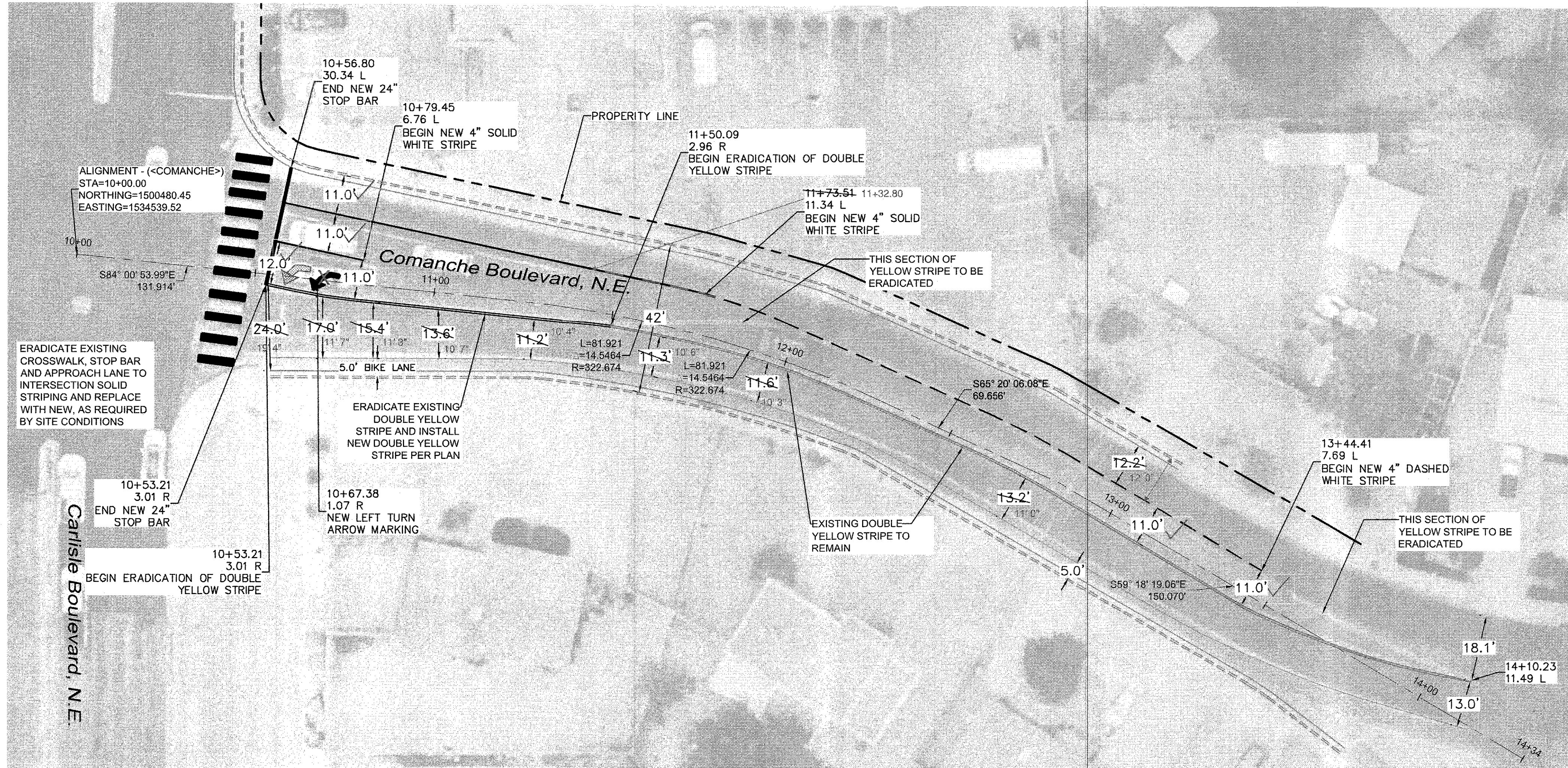
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[illegible]



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KEYED NOTE:

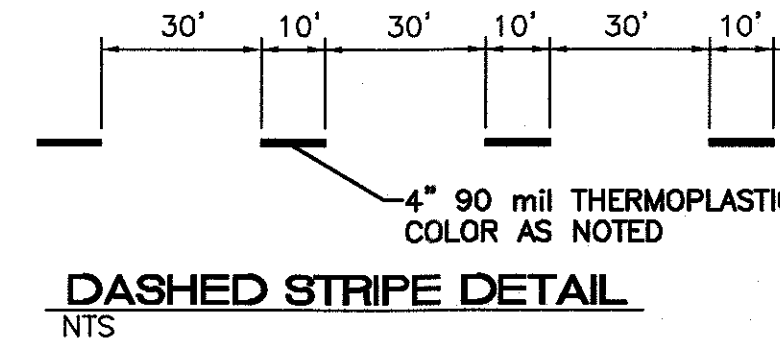
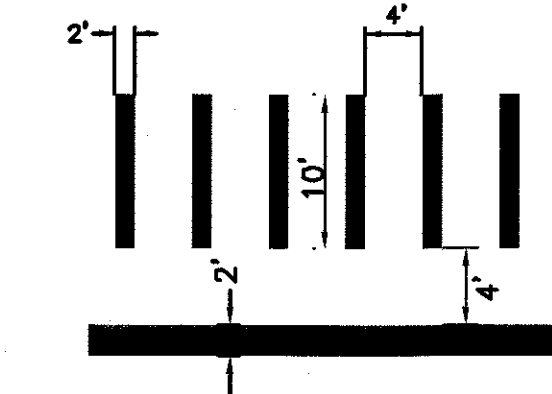
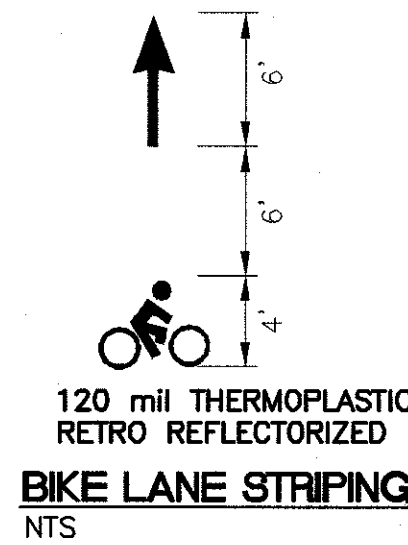
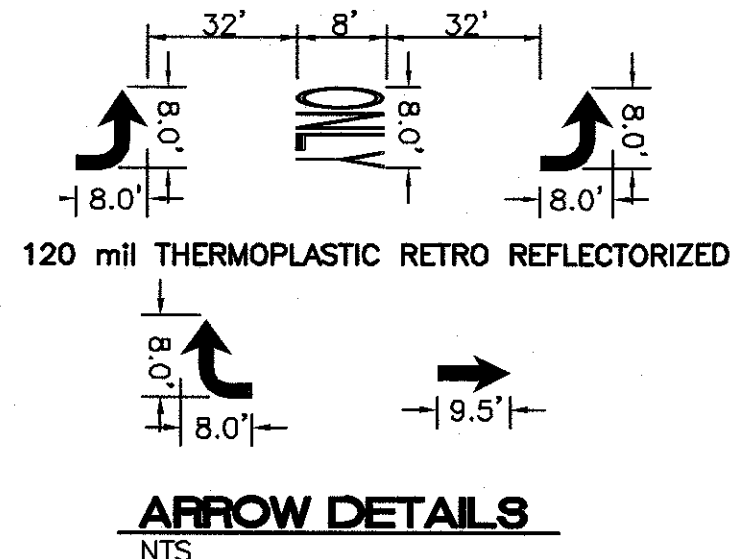
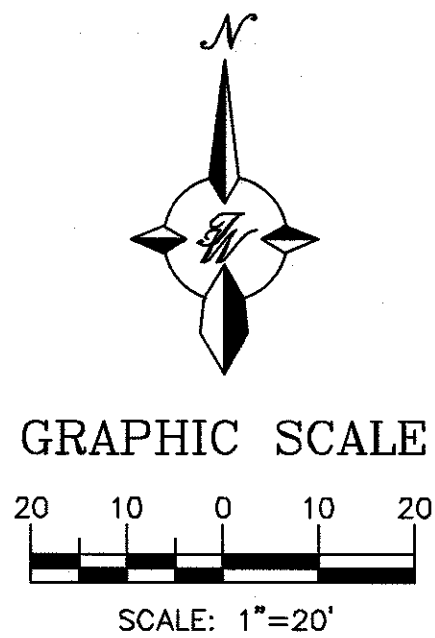
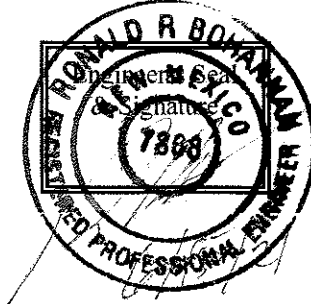
- (A) NEW CONTINENTAL CROSSWALK 24" SOLID WHITE STRIPING

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3. ALL STRIPING AND PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE M.U.T.C.D. (CURRENT EDITION) SPECIFICATIONS AND COA STANDARDS (THERMOPLASTIC).
4. PAINT-ALL-MEDIAN CURB AND MEDIAN NOSE-ON-LOS VOLCANES-YELLOW (TYP) PER COA SPECIFICATIONS.
5. CONTRACTOR SHALL REFRESH ALL EXISTING CROSSWALKS, SYMBOLS AND HOLDING BAY STRIPES. ALL PERMANENT MARKINGS SHALL BE THERMOPLASTIC.
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I, Ronald R. Bohannon, of the firm of Tierra West LLC, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction with as-builts information provided by field measurements.



TIERRA WEST, LLC 5571 MIDWAY PARK PLACE NE ALBUQUERQUE, NM 87109 (505)858-3100 www.tierrawestllc.com	
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP	
TITLE: MAVERIK STRIPING IMPROVEMENTS CARLISLE & COMANCHE	
DESIGN REVIEW COMMITTEE APPROVED Oct. 7, 2020 DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL MAVERIK DESIGN REVIEW COMMITTEE
CITY PROJECT NO. 709085	ZONE MAP NO. F-16-Z
SHEET 4 OF 4	