

SHEET INDEX:

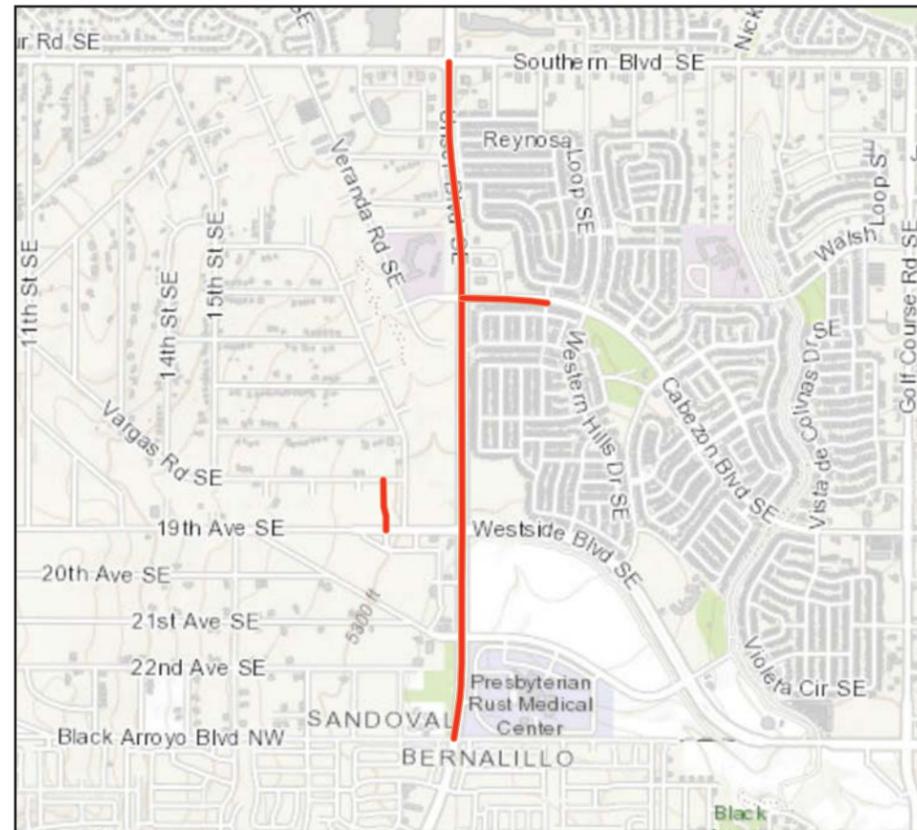
0-1 Cover Sheet	6-1 ADD/ALT 2 STA. 100+00 to STA. 104+38
1-1 Sheet Index Page	6-2 ADD/ALT 2 STA. 104+38 to STA. 109+88
1-2 General Notes	6-3 ADD/ALT 2 STA. 109+88 to STA. 115+38
1-3 Haul Route	6-4 ADD/ALT 2 STA. 115+38 to STA. 120+88
1-4 PW2192 Traffic Phasing Sheet Index	6-5 ADD/ALT 2 STA. 120+88 to STA. 126+88
1-5 PW2192 all ADD/ALT Plans Sheet Index	6-6 ADD/ALT 2 STA. 126+38 to STA. 131+88
2-1 Mill & Inlay STA. 100+00 to STA. 104+38	6-7 ADD/ALT 2 STA. 131+88 to STA. 137+38
2-2 Mill & Inlay STA. 104+38 to STA. 109+88	6-8 ADD/ALT 2 STA. 137+38 to STA. 142+88
2-3 Mill & Inlay STA. 109+88 to STA. 115+38	6-9 ADD/ALT 2 STA. 142+88 to STA. 148+38
2-4 Mill & Inlay STA. 115+38 to STA. 120+88	6-10 ADD/ALT 2 STA. 148+38 to STA. 153+88
2-5 Mill & Inlay STA. 120+88 to STA. 126+88	6-11 ADD/ALT 2 STA. 153+88 to STA. 159+38
2-6 Mill & Inlay STA. 126+38 to STA. 131+88	6-12 ADD/ALT 2 STA. 159+38 to STA. 164+88
2-7 Mill & Inlay STA. 131+88 to STA. 137+38	6-13 ADD/ALT 2 STA. 164+88 to STA. 170+38
2-8 Mill & Inlay STA. 137+38 to STA. 142+88	6-14 ADD/ALT 2 STA. 170+38 to STA. 175+88
2-9 Mill & Inlay STA. 142+88 to STA. 148+38	6-15 ADD/ALT 2 STA. 175+88 to STA. 181+38
2-10 Mill & Inlay STA. 148+38 to STA. 153+88	6-16 ADD/ALT 2 STA. 181+38 to STA. 185+95
2-11 Mill & Inlay STA. 153+88 to STA. 159+38	7-1 ADD/ALT 3 STA. 100+00 to STA. 104+38
2-12 Mill & Inlay STA. 159+38 to STA. 164+88	7-2 ADD/ALT 3 STA. 104+38 to STA. 109+88
2-13 Mill & Inlay STA. 164+88 to STA. 170+38	7-3 ADD/ALT 3 STA. 109+88 to STA. 115+38
2-14 Mill & Inlay STA. 170+38 to STA. 175+88	7-4 ADD/ALT 3 STA. 115+38 to STA. 120+88
2-15 Mill & Inlay STA. 175+88 to STA. 181+38	7-5 ADD/ALT 3 STA. 120+88 to STA. 126+88
2-16 Mill & Inlay STA. 181+38 to STA. 185+95	7-6 ADD/ALT 3 STA. 126+38 to STA. 131+88
3-1 Striping STA. 100+00 to STA. 104+38	7-7 ADD/ALT 3 STA. 131+88 to STA. 137+38
3-2 Striping STA. 104+38 to STA. 109+88	7-8 ADD/ALT 3 STA. 137+38 to STA. 142+88
3-3 Striping STA. 109+88 to STA. 115+38	7-9 ADD/ALT 3 STA. 142+88 to STA. 148+38
3-4 Striping STA. 115+38 to STA. 120+88	7-10 ADD/ALT 3 STA. 148+38 to STA. 153+88
3-5 Striping STA. 120+88 to STA. 126+88	7-11 ADD/ALT 3 STA. 153+88 to STA. 159+38
3-6 Striping STA. 126+38 to STA. 131+88	7-12 ADD/ALT 3 STA. 159+38 to STA. 164+88
3-7 Striping STA. 131+88 to STA. 137+38	7-13 ADD/ALT 3 STA. 164+88 to STA. 170+38
3-8 Striping STA. 137+38 to STA. 142+88	7-14 ADD/ALT 3 STA. 170+38 to STA. 175+88
3-9 Striping STA. 142+88 to STA. 148+38	7-15 ADD/ALT 3 STA. 175+88 to STA. 181+38
3-10 Striping STA. 148+38 to STA. 153+88	7-16 ADD/ALT 3 STA. 181+38 to STA. 185+95
3-11 Striping STA. 153+88 to STA. 159+38	8-1 ADD/ALT 4 Bike Path Sheet
3-12 Striping STA. 159+38 to STA. 164+88	9-1 CoRR Manhole Detail Sheet
3-13 Striping STA. 164+88 to STA. 170+38	9-2 CoRR Patching Detail Sheet
3-14 Striping STA. 170+38 to STA. 175+88	9-3 CoRR Pavement Section Detail Sheet
3-15 Striping STA. 175+88 to STA. 181+38	9-4 NMDOT/CoRR ADA Detail Sheet
3-16 Striping STA. 181+38 to STA. 185+95	9-5 NMDOT/CoRR ADA Detail Sheet
3-17 Striping STA. 200+00 to STA. 205+00	9-6 GO-Bonds & Construction Signs Sheet
3-18 Striping STA. 205+00 to STA. 210+00	9-7 Curb & Gutter Details Sheet
4-1 19th St. Detour Sheet	9-8 Valley Gutter Detail Sheet
4-2 19th St. Detour Striping plan	9-9 NMDOT Roadway Light Pole Detail
5-1 ADD/ALT 1 STA. 100+00 to STA. 104+38	9-10 NMDOT Light Pole Base Detail
5-2 ADD/ALT 1 STA. 104+38 to STA. 109+88	10-1 PW2192 Traffic Phasing Phase 1
5-3 ADD/ALT 1 STA. 109+88 to STA. 115+38	10-2 PW2192 Traffic Phasing Phase 1
5-4 ADD/ALT 1 STA. 115+38 to STA. 120+88	10-3 PW2192 Traffic Phasing Phase 1
5-5 ADD/ALT 1 STA. 120+88 to STA. 126+88	10-4 PW2192 Traffic Phasing Phase 2
5-6 ADD/ALT 1 STA. 126+38 to STA. 131+88	10-5 PW2192 Traffic Phasing Phase 2
5-7 ADD/ALT 1 STA. 131+88 to STA. 137+38	10-6 PW2192 Traffic Phasing Phase 2
5-8 ADD/ALT 1 STA. 137+38 to STA. 142+88	10-7 PW2192 Traffic Phasing Phase 3
5-9 ADD/ALT 1 STA. 142+88 to STA. 148+38	10-8 PW2192 Traffic Phasing Phase 3
5-10 ADD/ALT 1 STA. 148+38 to STA. 153+88	10-9 PW2192 Traffic Phasing Phase 3
5-11 ADD/ALT 1 STA. 153+88 to STA. 159+38	10-10 PW2192 Traffic Phasing Phase 4
5-12 ADD/ALT 1 STA. 159+38 to STA. 164+88	10-11 PW2192 Traffic Phasing Phase 4
5-13 ADD/ALT 1 STA. 164+88 to STA. 170+38	10-12 PW2192 Traffic Phasing Phase 4
5-14 ADD/ALT 1 STA. 170+38 to STA. 175+88	10-13 PW2192 Traffic Phasing Phase 5
5-15 ADD/ALT 1 STA. 175+88 to STA. 181+38	10-14 PW2192 Traffic Phasing Phase 5
5-16 ADD/ALT 1 STA. 181+38 to STA. 185+95	10-15 PW2192 Traffic Phasing Phase 5
5-17 ADD/ALT 1 STA. 100+00 to STA. 104+38	
5-18 ADD/ALT 1 STA. 104+38 to STA. 109+88	
5-19 ADD/ALT 1 STA. 109+88 to STA. 115+38	
5-20 ADD/ALT 1 STA. 115+38 to STA. 120+88	
5-21 ADD/ALT 1 STA. 120+88 to STA. 126+88	
5-22 ADD/ALT 1 STA. 126+38 to STA. 131+88	
5-23 ADD/ALT 1 STA. 131+88 to STA. 137+38	
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5-28 ADD/ALT 1 STA. 159+38 to STA. 164+88	
5-29 ADD/ALT 1 STA. 164+88 to STA. 170+38	
5-30 ADD/ALT 1 STA. 170+38 to STA. 175+88	
5-31 ADD/ALT 1 STA. 175+88 to STA. 181+38	
5-32 ADD/ALT 1 STA. 181+38 to STA. 185+95	

UNSER BLVD PHASE 2 REHABILITATION PROJECT

CoRR PROJECT NUMBER: PW2192

CITY OF RIO RANCHO
SANDOVAL COUNTY, NEW MEXICO

CONSTRUCTION PLANS



VICINITY MAP

SOUTHERN BLVD TO CITY LIMITS PROJECT LENGTH: 1.64 MILES

CITY OF
RIO RANCHO:

[Signature]
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

DATE: 9/4/2020



NO.	DESCRIPTION	DATE	BY
7			
6			
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PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT

COVER SHEET

PROJECT NO:
DESIGNED BY:
DRAWN BY:
CHECKED BY:
DATE:
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SHEET: 0 - 1

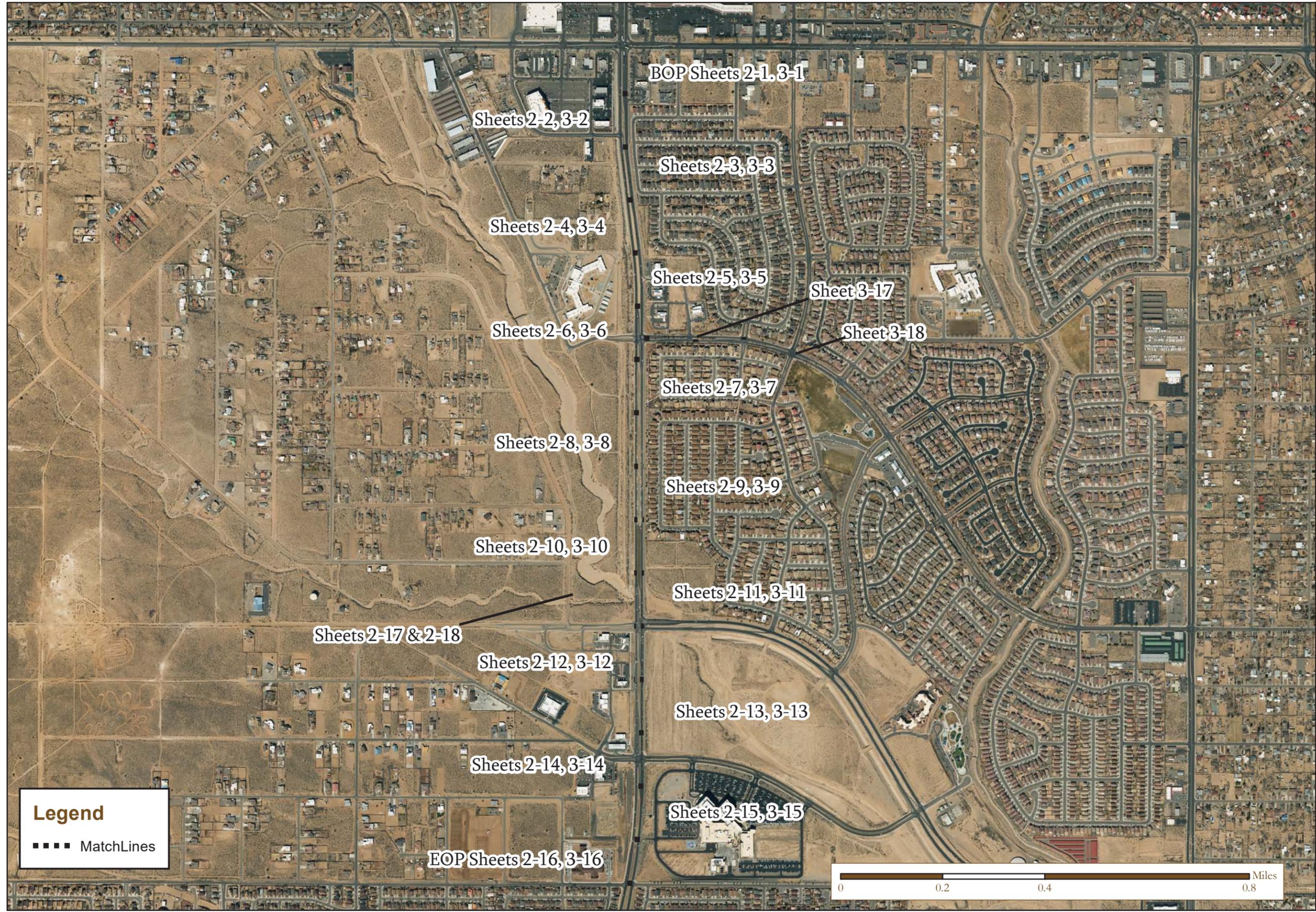


PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
SHEET INDEX

SHEET
1-1



Legend
- - - MatchLines





NO.	DATE	BY	REVISIONS (OR CHANGE NOTES)
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DESIGNED BY: _____
 DRAWN BY: _____
 CHECKED BY: _____
 DATE MODIFIED: 05/07/2019
 DPW CHK: _____
 SHEET: _____

CITY OF RIO RANCHO
 PUBLIC WORKS
 GENERAL NOTES
 RIO RANCHO, NEW MEXICO

GENERAL NOTES

- All construction shall be performed in accordance with 1) the project construction plans, 2) the project specifications, 3) the construction of the City of Rio Rancho standard details, 4) the 2012 edition of the MUTCD Standard Specifications for Highway and Bridge Construction, and 5) the New Mexico Standard Specifications for Public Works Construction and details, as prepared by the New Mexico Chapter, American Public Works Association and addendum. In the case of conflicting specifications, the City of Rio Rancho will determine which specification governs.
- The Contractor agrees to assume the sole and complete responsibility for the job site conditions during the course of construction of the project, including safety of all persons and property. This requirement shall apply continuously and not be limited to normal working hours, and the Contractor shall defend, indemnify and hold the City and Engineer harmless from any and all liability, real or alleged, in connection with the performance of the work on this project, except for liability arising from the sole negligence of the City of Engineer.
- No modifications to these plans shall be made without the written consent of the City Engineer, and all approved alterations, the Engineer shall not be responsible for construction methods or techniques or for the prosecution of the work as shown on these plans. The Engineer shall not be held responsible for the acts or omissions of the Contractor, Subcontractors, or other persons performing any work, as shown in the project Contract Documents.
- A Right-of-Way Use Permit and Traffic Control Plan (TCP) are required for all work performed within the public Right-of-Way. Provisions contained within Chapter 96 of the City of Rio Rancho Municipal Code shall govern. All construction staging, barricading, and channelization devices shall conform to the latest edition of the Manual on Uniform Traffic Control Devices (MUTCD). The Contractor is responsible for the setup and maintenance of all traffic control devices. Any modifications to the approved traffic control plan must be approved by the City prior to any changes being implemented. A Traffic Control Supervisor must be available for the duration of the project 24 hours a day and seven days a week. Access to residents and businesses must be maintained at all times.
- The Contractor shall designate at least one emergency contact person, and shall provide telephone numbers where this person can be contacted at any time. This information shall be provided to the City's Project Manager.
- The Contractor is responsible for obtaining all necessary permits from all jurisdictional authorities before the start of construction.
- All work on this project shall be performed in accordance with applicable federal, state, and local laws, rules and regulations concerning construction safety, health, and environmental protection.
- Existing site improvements which are damaged or displaced by the Contractor shall be removed and replaced by the Contractor at the Contractor's sole expense. The work shall be approved by the City before construction of the repairs. Repairs must be accepted by the City before final payment.
- The Contractor shall only utilize the designated staging areas for storage of all equipment and materials. The City assumes no responsibility or liability for the Contractor's equipment and material in the staging area. Security shall be the sole responsibility of the Contractor. If no staging area is designated on these plans, an off-site staging area shall be provided by the Contractor at the Contractor's expense, or the Contractor may negotiate with the City to use an onsite area.
- Unless otherwise noted, all roadway stationing is along the centerline of the roadway right-of-way.
- Unless otherwise noted, stationing of channels and/or pipes in drainage easements is along the centerline of the channel/pipes.
- The Contractor shall be responsible for determining, in advance of their construction operations, if overhead utility lines, support structures, poles, guys, etc., are an obstruction to construction operations. If any obstruction is identified, the Contractor shall be responsible for coordinating with the appropriate utility owner to remove or support the utility obstruction. All costs for these requirements are incidental to the Contract.
- Facilities which are not specifically located with actual vertical and horizontal controls on the construction documents, are shown approximate and in accordance with the best available information provided by various owners of the facilities, and supplemented by visual surface information where appropriate. Accuracy, location, and completeness of this information is the sole responsibility of the Contractor and shall be verified, by any means necessary, before the initiation of construction. Should a conflict exist, the Contractor shall notify the City Engineer, and the City's Project Manager immediately.
- It is mandatory that a preconstruction meeting be held before commencing construction. The Contractor is responsible for contacting the City's Project Manager to determine the time and location of the preconstruction meeting.
- At the preconstruction meeting, the Contractor shall submit a detailed construction schedule to the City's Project Manager. The schedule will be updated on a monthly basis and submitted with the monthly invoice.
- Any work performed without the approval of the City of Rio Rancho and/or all work and materials not in conformance with the specifications is subject to removal and replacement at the Contractor's expense.
- The Contractor shall contact NM 811 at 1-800-332-2557 for utility spots in accordance with applicable state law.
- The Contractor shall confine their work to within the construction limits and/or public right-of-way to preserve existing vegetation, landscaping, and private property. Approval of these plans does not give or imply any permission to trespass or work on private property. Permission must be granted in writing by the Owner of that property.
- It is the sole responsibility of the Contractor to keep the job site free from trash on a daily basis, and all materials will be neatly organized. Trash and/or non-used materials shall not be buried onsite.
- The Contractor shall park equipment and vehicles so as not to interfere with normal activities of residents, other Contractors, or Emergency Services.
- The Contractor will provide construction staking utilizing approved construction plans, the appropriate Right-of-Way maps, record plans, and City of Rio Rancho standard details. Each revision to the plans shall be recorded in the plan revision book. Plans shall include a location map with brief descriptions of location and plan.
- The Contractor shall maintain an up-to-date and accurate set of Working Record Drawings, revised drawings, in accordance with the City of Rio Rancho's Development Process Manual (DPM) Chapter 17. These Working Record Drawings shall reflect all approved changes to the original plans throughout the construction process. At the completion of construction, the Contractor shall submit the Working Record Drawings as outlined in the City of Rio Rancho's DPM Chapter 17. Also, the Contractor shall ensure that all submitted drawings, and construction activities are in accordance with the City of Rio Rancho's DPM and applicable ordinances. All costs for these requirements are incidental to the Contract.
- No work shall be performed in a floodplain without written authorization from the City's Floodplain Manager.
- Any work performed in a drainage way, channel, arroyo, or floodplain must be protected by the means identified in the Temporary Erosion Control and Sediment Plans accepted by the City.
- Vibration monitoring will be at the Contractor's discretion and incidental to the Contract.

SOILS

Unless otherwise specified subgrade soils and structural fill materials shall be compacted to the following percentages of the ASTM D-1557 material standard.

MATERIALS	PERCENT (%) COMPACTION
STRUCTURAL FILL IN THE BUILDING AREA	95
SUB-BASE FOR ALL SUBGRADES	95
NON-CLEANOUS BACKFILL BELOW STRUCTURAL FILL OR ROAD	95
NON-CLEANOUS BACKFILL BELOW UNPAVED NON-BUILDING AREAS	90
ROAD SUB GRADE	96
STRAIGHTWAY SUB GRADE	95
CURB AND GUTTER SUBGRADE	95
ARROYOS	90

ROADWAY GENERAL NOTES

- No paving construction activities shall be started until all underground utilities within the roadway are located, tested, and approved. All water valve boxes and electrical telephone, television, and sewer manholes in the construction area shall be adjusted to finished grade.
- All signs, barricades, channelization devices, pavement markings, sign frames and erection of such devices shall conform to the requirements of the Manual on Uniform Traffic Control Devices for streets and highways (MUTCD), current edition.
- All street stop signs placed or destroyed during construction shall be replaced by the Contractor to match the original conditions (i.e. type, spacing) at the location prior to construction, or as shown in this plan.
- Street grades shall be restored by the Contractor to the existing grades unless otherwise directed by the City of Rio Rancho. Smooth transitions shall be made between existing pavement which remains in place and new pavement which is required. When adjacent new pavement to existing, saw cut back existing pavement to a new, straight line as required to remove any broken or cracked pavement. Refer to standard drawing P-502.
- The location of all valves and manholes must be referenced at all times by the Contractor during construction and made accessible daily upon completion of all paving activities.

EROSION CONTROL/ENVIRONMENTAL PROTECTION/STORM WATER POLLUTION PREVENTION PLAN

- The Contractor shall be responsible for filling all necessary National Pollutant Discharge Elimination System (NPDES) requirements including, but not limited to, obtaining an NPDES permit before construction, filling out the Notice of Intent (NOI) application, and filing out the Notice of Termination (NOT) application. The Contractor shall also be responsible for the implementation of an individual Storm Water Pollution Prevention Plan (SWPPP). The Contractor shall submit the SWPPP with the proposed construction staging area and temporary sanitary facilities clearly shown. Any check dams, silt fences, or other Best Management Practices (BMP) that are required in the approved SWPPP shall be installed in and are incidental to the SWPPP but amounts.
- The Contractor is required to keep a current copy of the SWPPP at the construction site or at an easily accessible location so that it can be made available at the time of an onsite inspection or upon request by the EPA, a state, tribal, or local agency approving storm water management plans the operator of a storm sewer system receiving discharges from the site or representatives of the U.S. Fish and Wildlife Service (USFWS) or the National Marine Fisheries Service (NMFS).
- The Contractor shall conform to all City, County, State and Federal dust and erosion control regulations. The Contractor shall prepare and obtain any necessary dust or erosion control permits from the regulatory agencies.
- The Contractor shall either promptly remove any material associated within the public Right-of-Way or install BMPs according to NPDES specifications to prevent discharge of accumulated material within the public Right-of-Way during a rain or wind event. All costs for these requirements are incidental to the Contract.
- The Contractor shall implement the approved SWPPP and ensure that no soil erodes from the site into public Right-of-Way or onto private property.
- The Contractor shall mitigate erosion of temporary or permanent dirt roads by installing BMPs identified in the approved SWPPP in the same manner as specified in the SWPPP.
- Construction areas shall be watered for dust control in compliance with government ordinances. The Contractor shall be responsible for locating and supplying water as required. Watering, as required for construction dust control, shall be considered incidental to construction and no measurement requirement shall be made therefor.
- Any areas disturbed by construction and not covered by landscaping or an impervious surface shall be re-vegetated with native grass seedings. When construction activities cease and earth disturbing activities will not resume within 14 days, stabilization measures must be initiated, unless indicated otherwise on these plans or on the landscaping plan. Native grass seedings shall be in accordance with Section 1012 of the New Mexico Standard Specifications for Public Works Construction, APWA NM Chapter, current edition.
- All waste products from the construction site, including items designated for removal, construction waste, construction equipment waste products (oil, gas, tires, etc.) garbage, gutting, excess cut material, vegetable debris, etc. shall be appropriately disposed of offsite at no additional cost to the City. It shall be the Contractor's responsibility to obtain permits required to haul or dispose of waste products. It shall be the Contractor's responsibility to ensure that the waste disposal site complies with government regulations regarding the environment, endangered species, and archeological resources.
- The Contractor shall be responsible for the cleanup and reporting of spills of hazardous materials associated with the construction site. Hazardous materials include gas, gasoline, diesel fuel, motor oil, solvents, chemicals, paints, etc. which may be a threat to the environment. The Contractor shall report the discovery of past or present spills to the New Mexico Environment Department Emergency Response Team at (505) 827-6200.
- The Contractor shall comply with all applicable regulations concerning surface and underground water. Contact with surface water by construction equipment and personnel shall be minimized. Equipment maintenance and refueling operations shall be performed in an environmentally safe manner in compliance with government regulations.
- Where storm drains are susceptible to inflow of silt or debris from construction activities, protection shall be provided on their upstream side utilizing BMPs according to NPDES requirements. All costs for these requirements are incidental to the Contract.
- Storm Water Pollution Prevention Plans (SWPPP) and accompanying Federal EPA Administrative Procedures shall meet the City of Rio Rancho guidelines and procedures outlined in the current edition of the New Mexico State Highway and Transportation Department Storm Water Management Guidelines for Construction and Industrial Activities Manual.
- The Contractor shall provide adequate means for cleaning trucks and/or other equipment of mud before entering public streets. It is the Contractor's responsibility to clean streets and take whatever measures are necessary to ensure that all roads are maintained in a clean, mud and dust-free condition at all times.
- No work may begin in an arroyo or other drainage way until authorization has been provided by the U.S. Army Corp. of Engineers and the City of Rio Rancho Flood Plain Manager.

WATER GENERAL NOTES

- For water connections to existing lines, the Contractor shall notify the City's Project Manager a minimum of 48 hours before the connection.
- Compression joints may be used on copper service lines. Flared joints shall be used when connecting to plastic lines.
- Valve boxes shall be brought to surface elevation upon completion of the surface course of pavement. Concrete collars shall be constructed to surface elevations.
- Flushing of water lines shall be related and reported to the City's Project Manager on a weekly basis. Preference for disposal is (1) on available curb surface or (2) in storm sewers. Disposal methods shall be discussed with the City's Project Manager.
- Flushing, disinfection and testing of water lines shall be coordinated with the City's Project Manager.
- It will be the Contractor's sole responsibility to protect and maintain, in service, all existing utilities. The Contractor shall adequately support and protect existing utilities affected by the Contractor's trenching activity. In the event that existing utilities are damaged by the Contractor's operations, the Contractor shall arrange for and coordinate prompt repair by the respective utility and shall bear the cost of the repairs.
- All water lines must have tracer wire and marker balls per City of Rio Rancho standard drawings.
- The City of Rio Rancho shall approve material submitted before construction.
- Before any water line installation, the following conditions will occur:
 - The water line route will be cleared and grubbed and then graded to plan elevation
 - The water line will be staked when outside an area with curb and gutter.
- The City of Rio Rancho Utilities Operations Division shall be the only personnel authorized to operate existing valves, fire hydrants, etc. for construction purposes. All shutoffs must be coordinated with the City's Project Manager seven (7) days before proposed shutoff and shall comply with the accepted shutoff plan.
- The Contractor is responsible for testing of all lines, including but not limited to, hydrostatic and bacteria testing, disinfecting, and flushing. The Contractor is responsible for the testing of the water line system before acceptance by the City. Testing shall be performed to demonstrate the functionality of the system. All costs for these requirements are incidental to the Contract.
- For non-hot tap water connections to existing lines, the Contractor shall prepare and submit to the City's Project Manager, for acceptance, a water shutoff plan 48 hours before the connection is to take place.
- The Contractor shall mark the top of the curb with a "W" for water lines following service installations and before final acceptance.
- Potability testing shall be collected and delivered by a certified third party tester, approved by the City, to a testing laboratory certified by the New Mexico Environment Department - Drinking Water Bureau.

WASTEWATER GENERAL NOTES

- Sanitary sewer lines shall be placed in separate trenches at a distance of 15 feet typically or a minimum of 10 feet apart horizontally. The water line shall be placed a minimum of 1.5 feet higher in elevation than the sewer line. At all crossings of water and sewer lines, the water line shall be a minimum of 1.5 feet higher than the sewer line or the sewer line shall be C900 pressure pipe.
- It will be the Contractor's sole responsibility to protect and maintain in service all existing utilities. The Contractor shall adequately support and protect existing utilities affected by the Contractor's trenching activity. In the event that existing utilities are damaged by the Contractor's operations, the Contractor shall arrange for and coordinate with the Project Manager, pumps repair by the respective utility and shall bear the cost of the repairs.
- The City of Rio Rancho shall approve material submitted before construction.
- Prior to the sewer line installation, the following conditions will occur:
 - The sewer line route will be cleared and grubbed and then graded to plan elevation
 - The sewer line will be staked when outside an area with curb and gutter
- All force-main sewer lines must have marker balls per the City of Rio Rancho standard drawings. Tracer wire shall be installed if required by the City's Project Manager.
- The City of Rio Rancho Utilities Operations Division shall be the only personnel authorized to operate existing valves, etc. for construction purposes. All shutoffs must be coordinated with the City's Project Manager seven (7) days before proposed shutoff and shall comply with the accepted shutoff plan.
- 30 days following installation and backfill of sewer lines, a deflection test using a hand pulled mandrel shall be performed in the presence of the City's Inspector. All costs for these requirements are incidental to the Contract.
- Air testing of sewer lines and hydrostatic testing of force mains shall be conducted in the presence of the City's Inspector. All costs for these requirements are incidental to the Contract.
- All sewer service lines shall be inspected by TV camera and videoed then provided to the City's Inspector for review before acceptance by the City. In the event that the final inspection or subsequent inspections after that do not pass, the Contractor will be required to perform additional inspections of the sewer service lines using a TV camera at the Contractor's expense.
- Manholes shall meet the City of Rio Rancho standards except that there shall be no ladder rung installed.
- The Contractor is responsible for testing of all force main lines, including but not limited to hydrostatic and bacteria testing, disinfecting, and flushing. All costs for these requirements are incidental to the Contract.
- If bypass pumping is required, then a bypass pumping plan must be submitted to the City's Project Manager, for acceptance, seven (7) days before bypass pumping begins.
- The Contractor shall mark the top of the curb and pan of the gutter with "S" for sanitary sewer following service installation and before final acceptance.
- Manholes shall be raised to surface course of pavement. Circular concrete collars shall be constructed to surface elevation.
- No bricks shall be used to adjust manholes to finished grade.

ADA GENERAL NOTES

- These drawings provide guidance for compliance with the current public right of way accessibility guidelines (PROWAG). These standards shall apply to all new and altered sidewalks.
- Surfaces shall be stable, firm, and slip resistant. Sidewalk and curb ramp surfaces shall provide consistent slopes within each section.
- All street stopping altered or destroyed during construction shall be replaced by the Contractor to All broom finishes shall be perpendicular to the direction of pedestrian travel.
- A vertical change of 1/4 inch (6mm) or less is allowed. If between 1/4 inch and 1/2 inch (6mm and 13mm), then it must be beveled 2". Changes greater than 1/2 inch shall be ramped.
- Openings or cracks in sidewalk surfaces shall not exceed 1/2 inch (13mm). Elongated openings shall be placed so that the long dimension is perpendicular or diagonal to the dominant direction of travel.
- The least possible curb ramp slope shall be used. Curb ramps running slope shall not exceed 1:21. Where existing terrain is steep, curb ramps shall not exceed 1:5 feet in length.
- Provide a 1/8 inch transition between curb ramps, sidewalks, gutter, and edge of pavement, free of drainage lip, abrupt grade changes, drop-offs, or any surface irregularities. A 5% (20:1) or flatter transition layer shall be provided from the street to the gutter for curb ramps locations (this may require special treatment of the edge of DDFC) when diagonal joint in line with crosswalk curb ramps are necessary. A 2% (50:1) transition or "overlanding" shall be provided. The gutter running slope (flow line) shall not exceed 2% measured along the bottom of the curb ramp.
- Curb ramps shall be located to provide the most direct route of travel across the traffic lanes.
- Two directional (in line with the crosswalk) curb ramps per corner are used in order to provide short and direct crossings for the user.
- Sign posts, utility poles, fire hydrants, traffic signals standards, light poles, pull boxes, meters, valves, etc. shall not be located in the curb ramp including side lanes and landings.
- In order to better accommodate conditions in the field, the contractor shall obtain final approval of curb ramp locations from the project manager and the city manager and the city traffic engineer. When necessitated by existing physical conditions, alternate curb ramps must be submitted to the project manager for approval by the city traffic engineer.
- Landings shall be a minimum of 48" x 48". Slopes shall not exceed 5% (20:1) in all directions.
- Detectable warnings are required at all street intersections, signalized crossings, commercial driveways 30' wide or greater, and marked midblock crossings.
- Concrete Procedural note: Before scheduling delivery of concrete, contractor shall meet with City Inspector/PM to ensure the concrete formwork is constructed to dimensions and grades shown on plans and meets PROWAG, 2011 Technical Design Criteria, California 24 electronic digital level with Contractor's electronic digital level prior to verifying measurements. Verify measurements meet requirements or require correction of all discrepancies before scheduling of concrete to ensure the finished concrete will meet PROWAG. When all measurements meet requirements then the inspector shall permit concrete pour. Repeat the procedure after concrete pour to ensure the curb ramp meets PROWAG compliance. Final acceptance of a curb ramp does not occur until the final inspection of the project. This procedure shall be considered incidental to the installation of the ADA curb ramps.
- The contractor shall submit a proposed work plan for pedestrian improvements to the project engineer for review and approval prior to initiating this work. This plan shall include the method proposed to maintain pedestrian access to businesses, schools, hospitals, buildings, etc. throughout the pedestrian improvements construction in particular. The contractor, at a minimum, shall maintain a 48" clear path for pedestrians so as to meet ADA accessibility requirements. All temporary pedestrian facilities implemented during construction shall comply with ADA standards.
- Sidewalk and curb ramp cross slopes is recommended to be constructed for a cross slope of 1.5% typical, but shall not exceed 2.0% cross slope on this pedestrian access route.



PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT

HAUL ROUTE

SHEET
1-3



Legend
— Haul Route



General Notes:
1) Contractor shall contact Project Manager 24 hours prior to transportation to the CoRR Palm Yard at 2016 Idalia Rd, Rio Rancho, NM.

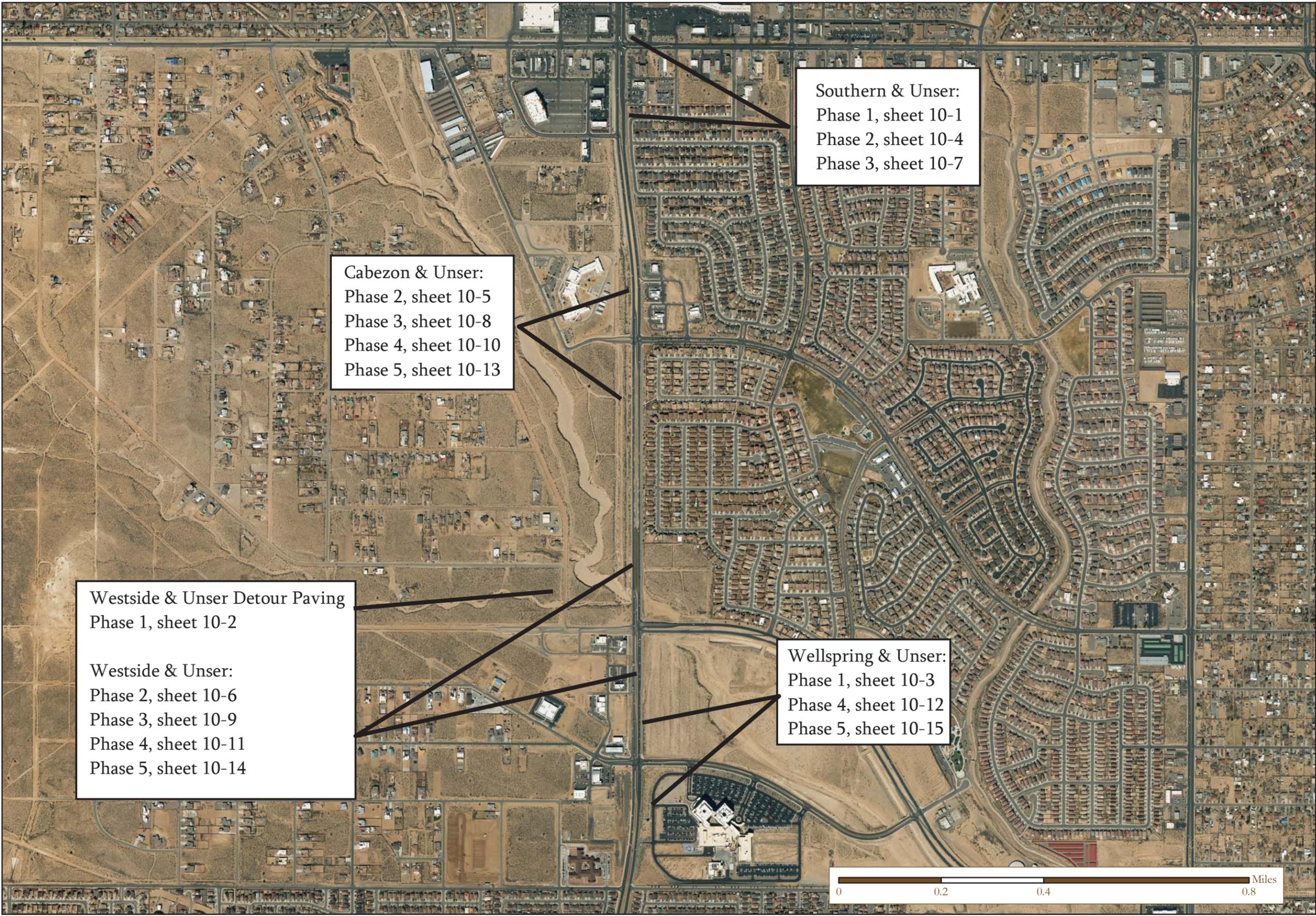


PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
TRAFFIC PHASING INDEX

SHEET
1 - 4



Southern & Unser:
Phase 1, sheet 10-1
Phase 2, sheet 10-4
Phase 3, sheet 10-7

Cabezon & Unser:
Phase 2, sheet 10-5
Phase 3, sheet 10-8
Phase 4, sheet 10-10
Phase 5, sheet 10-13

Westside & Unser Detour Paving
Phase 1, sheet 10-2

Westside & Unser:
Phase 2, sheet 10-6
Phase 3, sheet 10-9
Phase 4, sheet 10-11
Phase 5, sheet 10-14

Wellspring & Unser:
Phase 1, sheet 10-3
Phase 4, sheet 10-12
Phase 5, sheet 10-15





PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT SHEETS INDEX

SHEET
1 - 5



Legend
- - - - MatchLines





PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
MILL AND INLAY

SHEET
2-1



General Note:
1) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.

Remove and reset type V standard light per detail on sheet 9-9. Remove and reconstruct type V standard foundation per NMDOT standard drawing 707L-07-9/10 per detail on sheet 9-10.

Keyed Notes:

[1] Cold mill 2.5" of asphalt per CoRR Spec. 450 and deliver to location shown on sheet 1-3. Inlay Asphalt per CoRR Specs 405 & 435.

[2] Remove and dispose of existing curb ramp and construct, at locations shown, a Type "B" parallel directional curb ramp in accordance with NMDOT standard drawing 608 on sheet 9-5.

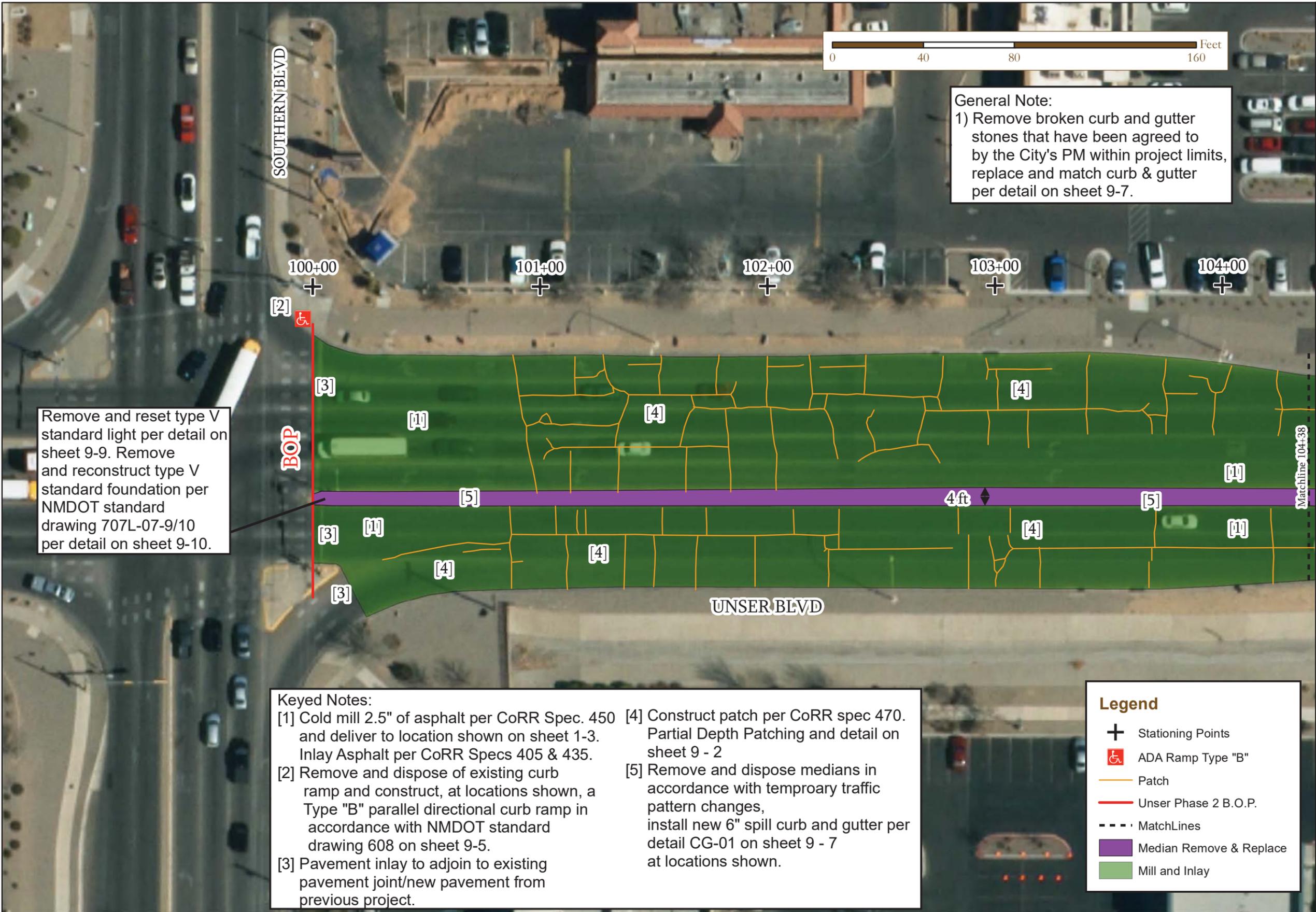
[3] Pavement inlay to adjoin to existing pavement joint/new pavement from previous project.

[4] Construct patch per CoRR spec 470. Partial Depth Patching and detail on sheet 9 - 2

[5] Remove and dispose medians in accordance with temporary traffic pattern changes, install new 6" spill curb and gutter per detail CG-01 on sheet 9 - 7 at locations shown.

Legend

- Stationing Points
- ADA Ramp Type "B"
- Patch
- Unser Phase 2 B.O.P.
- MatchLines
- Median Remove & Replace
- Mill and Inlay





PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

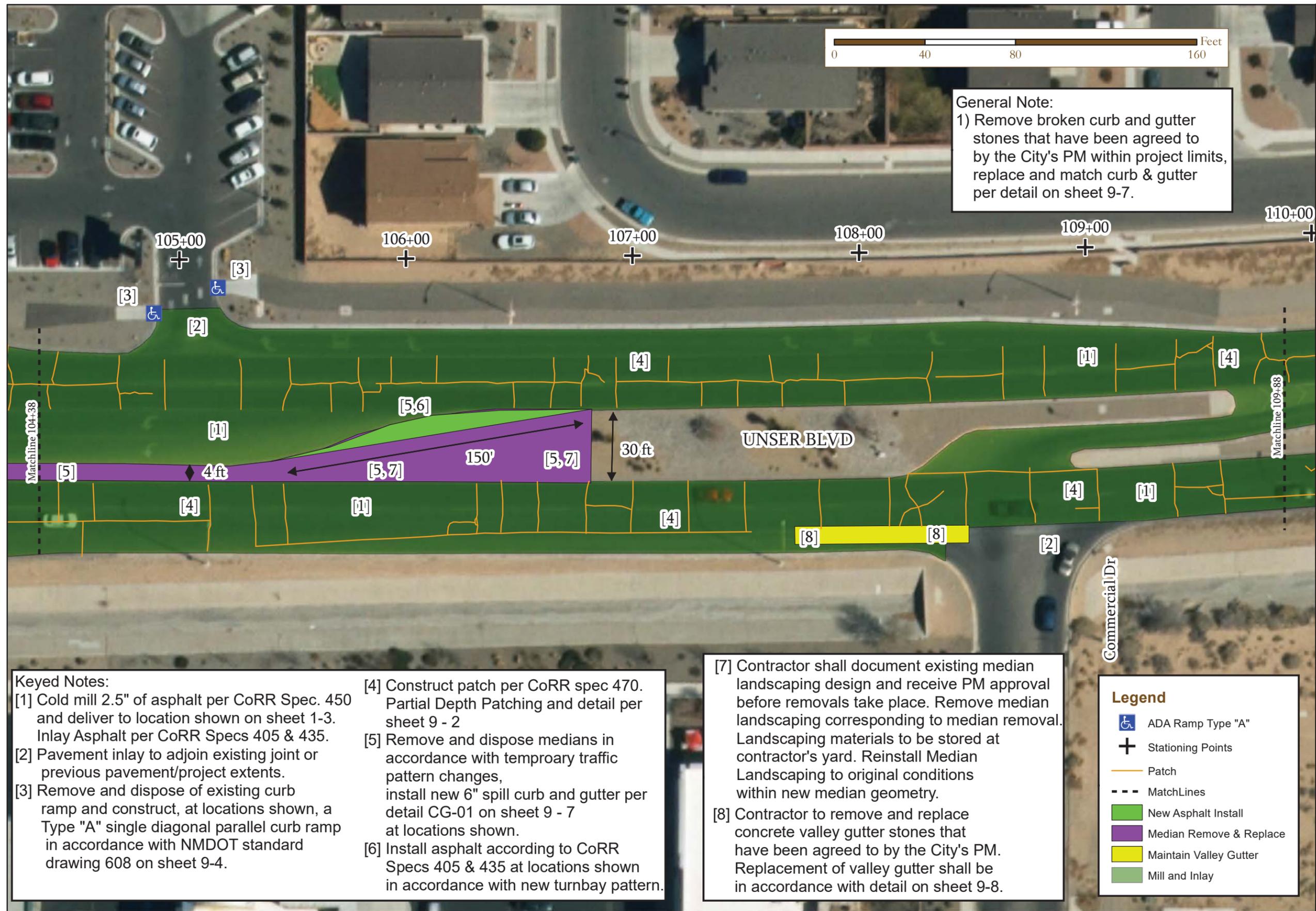


PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
MILL AND INLAY

SHEET
2 - 2



General Note:
1) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.



- Keyed Notes:**
- [1] Cold mill 2.5" of asphalt per CoRR Spec. 450 and deliver to location shown on sheet 1-3. Inlay Asphalt per CoRR Specs 405 & 435.
 - [2] Pavement inlay to adjoin existing joint or previous pavement/project extents.
 - [3] Remove and dispose of existing curb ramp and construct, at locations shown, a Type "A" single diagonal parallel curb ramp in accordance with NMDOT standard drawing 608 on sheet 9-4.
 - [4] Construct patch per CoRR spec 470. Partial Depth Patching and detail per sheet 9 - 2
 - [5] Remove and dispose medians in accordance with temporary traffic pattern changes, install new 6" spill curb and gutter per detail CG-01 on sheet 9 - 7 at locations shown.
 - [6] Install asphalt according to CoRR Specs 405 & 435 at locations shown in accordance with new turnbay pattern.

- [7] Contractor shall document existing median landscaping design and receive PM approval before removals take place. Remove median landscaping corresponding to median removal. Landscaping materials to be stored at contractor's yard. Reinstall Median Landscaping to original conditions within new median geometry.
- [8] Contractor to remove and replace concrete valley gutter stones that have been agreed to by the City's PM. Replacement of valley gutter shall be in accordance with detail on sheet 9-8.

Legend

- ADA Ramp Type "A"
- Stationing Points
- Patch
- MatchLines
- New Asphalt Install
- Median Remove & Replace
- Maintain Valley Gutter
- Mill and Inlay



PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
MILL AND INLAY

SHEET
2 - 3

General Note:
1) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.



Legend

- Stationing Points
- Patch
- MatchLines
- Mill and Inlay

Keyed Notes:
[1] Cold mill 2.5" of asphalt per CoRR Spec. 450 and deliver to location shown on sheet 1-3. Inlay Asphalt per CoRR Specs 405 & 435.
[2] Construct patch per CoRR spec 470. Partial Depth Patching and detail per sheet 9 - 2





PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
MILL AND INLAY

SHEET
2 - 4



Legend

- ✚ Stationing Points
- Patch
- - - MatchLines
- Mill and Inlay

General Note:
1) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.

Keyed Notes:
[1] Cold mill 2.5" of asphalt per CoRR Spec. 450 and deliver to location shown on sheet 1-3. Inlay Asphalt per CoRR Specs 405 & 435.
[2] Construct patch per CoRR spec 470. Partial Depth Patching and detail per sheet 9 - 2





PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
MILL AND INLAY

SHEET
2 - 5



General Note:
1) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.

Legend

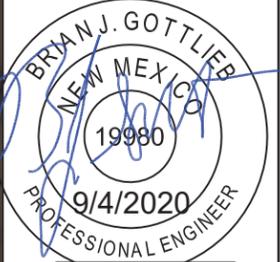
- ADA Ramp Type "A"
- Stationing Points
- Patch
- MatchLines
- Mill and Inlay

Keyed Notes:
[1] Cold mill 2.5" of asphalt per CoRR Spec. 450 and deliver to location shown on sheet 1-3. Inlay Asphalt per CoRR Specs 405 & 435.
[2] Remove and dispose of existing curb ramp and construct, at locations shown, a Type "A" single diagonal parallel curb ramp in accordance with NMDOT standard drawing 608 on sheet 9-4.
[3] Construct patch per CoRR spec 470. Partial Depth Patching and detail per sheet 9 - 2





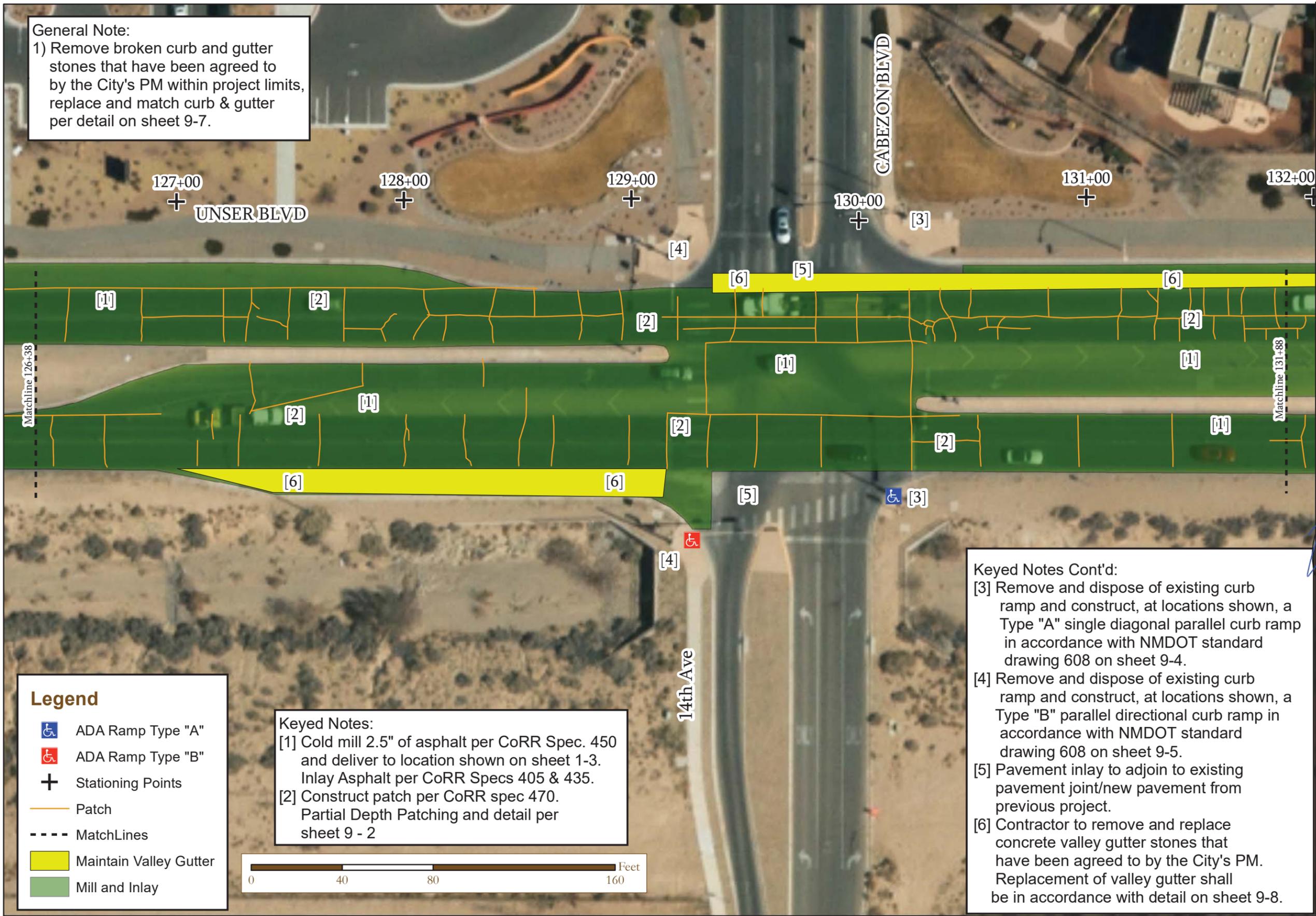
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
MILL AND INLAY

SHEET
2 - 6

General Note:
1) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.



Legend

- ADA Ramp Type "A"
- ADA Ramp Type "B"
- Stationing Points
- Patch
- MatchLines
- Maintain Valley Gutter
- Mill and Inlay

Keyed Notes:
[1] Cold mill 2.5" of asphalt per CoRR Spec. 450 and deliver to location shown on sheet 1-3. Inlay Asphalt per CoRR Specs 405 & 435.
[2] Construct patch per CoRR spec 470. Partial Depth Patching and detail per sheet 9 - 2



Keyed Notes Cont'd:
[3] Remove and dispose of existing curb ramp and construct, at locations shown, a Type "A" single diagonal parallel curb ramp in accordance with NMDOT standard drawing 608 on sheet 9-4.
[4] Remove and dispose of existing curb ramp and construct, at locations shown, a Type "B" parallel directional curb ramp in accordance with NMDOT standard drawing 608 on sheet 9-5.
[5] Pavement inlay to adjoin to existing pavement joint/new pavement from previous project.
[6] Contractor to remove and replace concrete valley gutter stones that have been agreed to by the City's PM. Replacement of valley gutter shall be in accordance with detail on sheet 9-8.

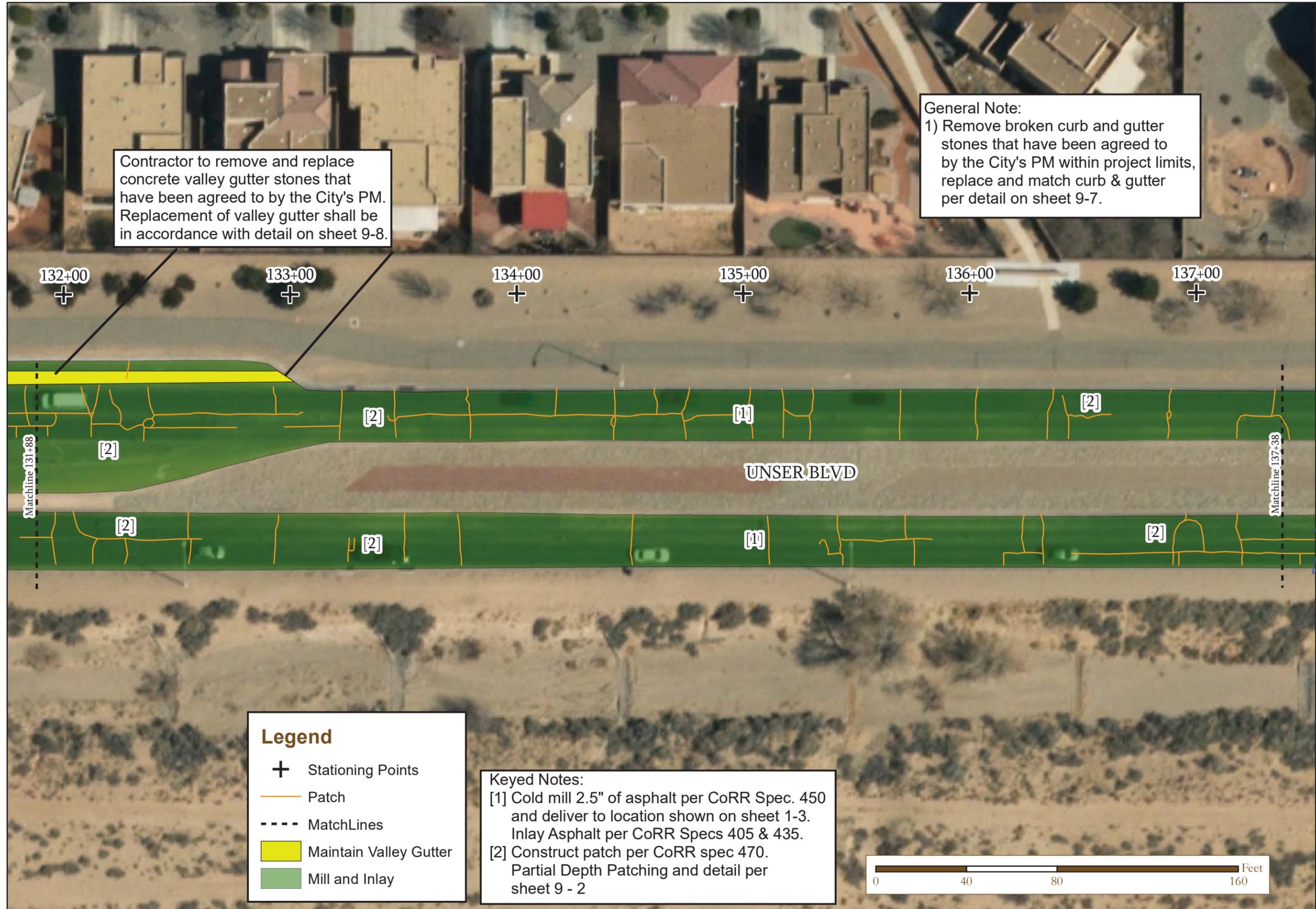


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ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
MILL AND INLAY

SHEET
2 - 7



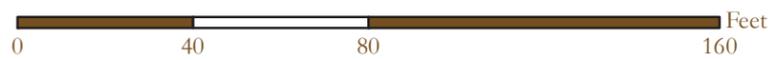
Contractor to remove and replace concrete valley gutter stones that have been agreed to by the City's PM. Replacement of valley gutter shall be in accordance with detail on sheet 9-8.

General Note:
1) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.

Legend

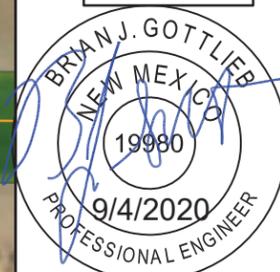
- ⊕ Stationing Points
- Patch
- - - MatchLines
- Maintain Valley Gutter
- Mill and Inlay

Keyed Notes:
[1] Cold mill 2.5" of asphalt per CoRR Spec. 450 and deliver to location shown on sheet 1-3. Inlay Asphalt per CoRR Specs 405 & 435.
[2] Construct patch per CoRR spec 470. Partial Depth Patching and detail per sheet 9 - 2



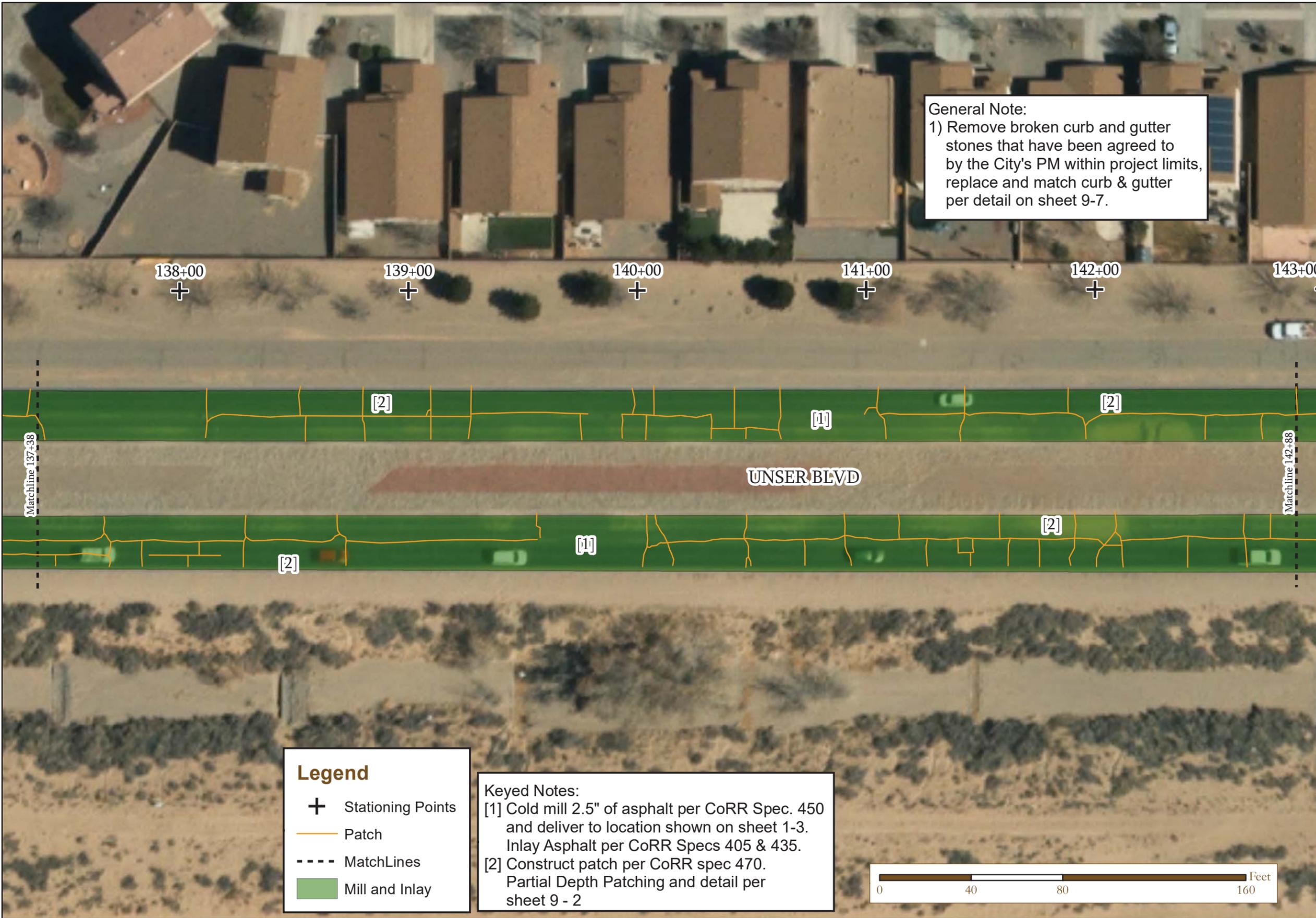


PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
MILL AND INLAY

SHEET
2 - 8



General Note:
1) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.

Legend

- ✚ Stationing Points
- Patch
- - - MatchLines
- Mill and Inlay

Keyed Notes:
[1] Cold mill 2.5" of asphalt per CoRR Spec. 450 and deliver to location shown on sheet 1-3. Inlay Asphalt per CoRR Specs 405 & 435.
[2] Construct patch per CoRR spec 470. Partial Depth Patching and detail per sheet 9 - 2





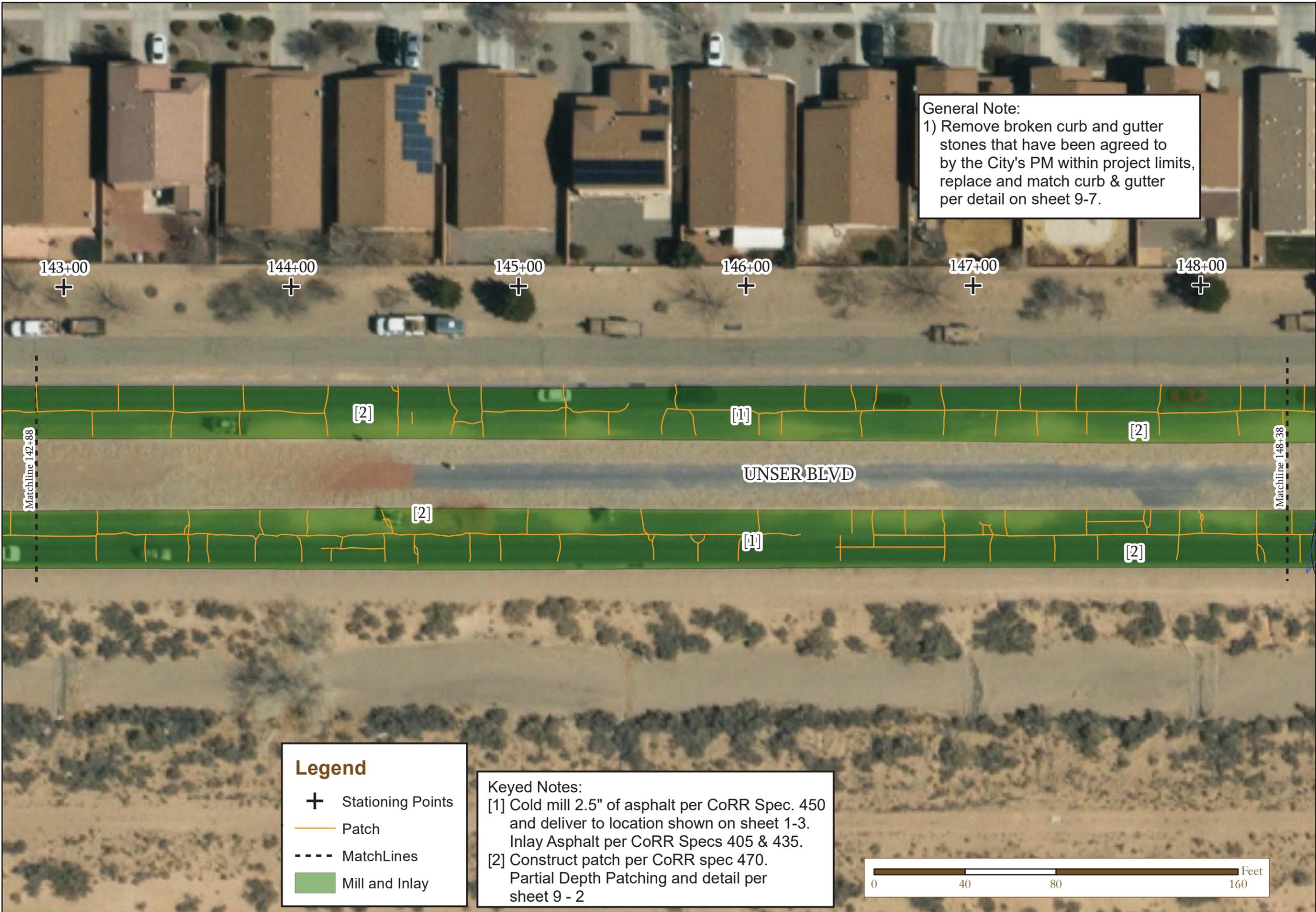
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
MILL AND INLAY

SHEET
2 - 9

General Note:
1) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.



Legend

- Stationing Points
- Patch
- MatchLines
- Mill and Inlay

Keyed Notes:
 [1] Cold mill 2.5" of asphalt per CoRR Spec. 450 and deliver to location shown on sheet 1-3. Inlay Asphalt per CoRR Specs 405 & 435.
 [2] Construct patch per CoRR spec 470. Partial Depth Patching and detail per sheet 9 - 2





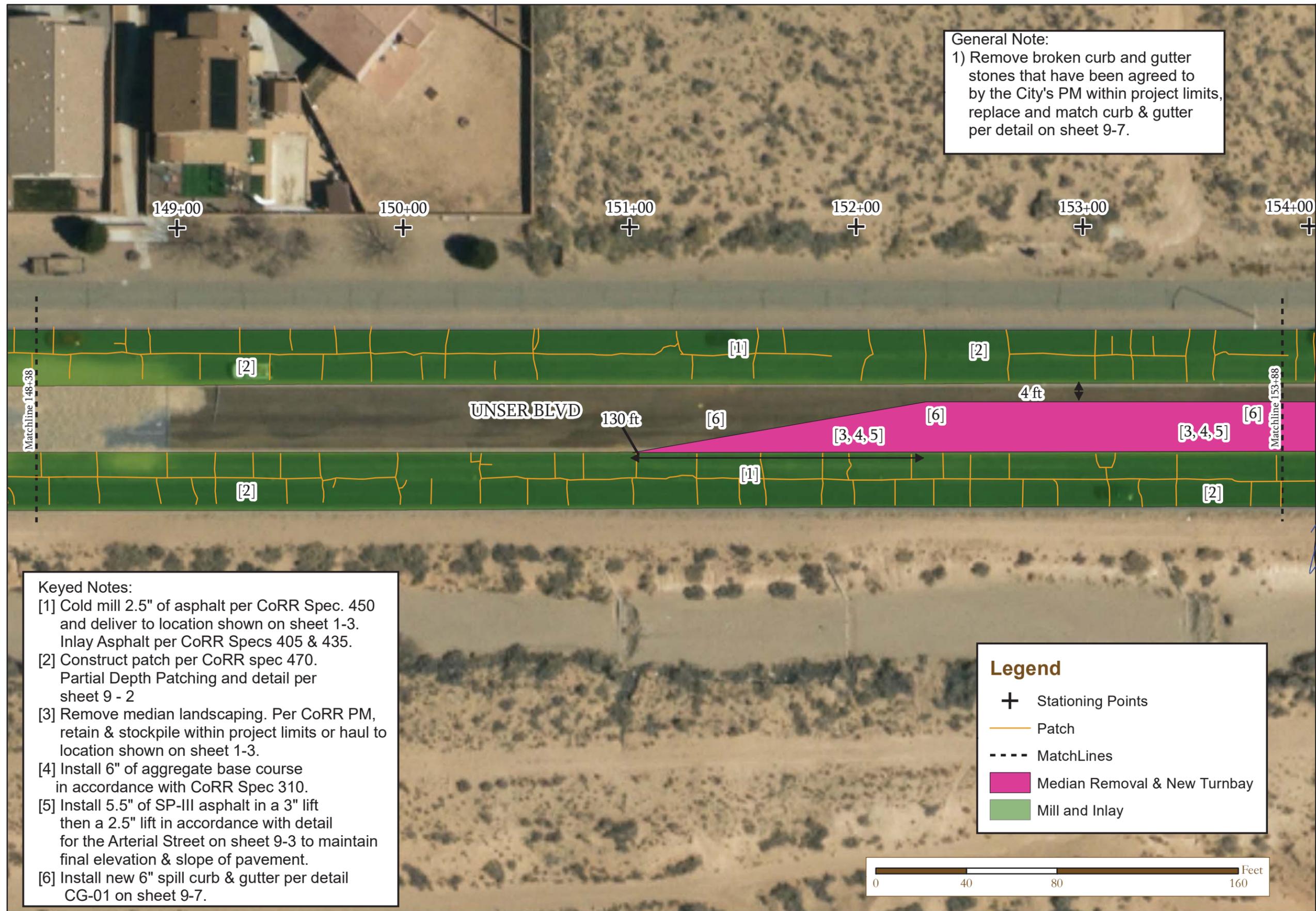
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
MILL AND INLAY

SHEET
2 - 10

General Note:
1) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.



Keyed Notes:
 [1] Cold mill 2.5" of asphalt per CoRR Spec. 450 and deliver to location shown on sheet 1-3. Inlay Asphalt per CoRR Specs 405 & 435.
 [2] Construct patch per CoRR spec 470. Partial Depth Patching and detail per sheet 9 - 2
 [3] Remove median landscaping. Per CoRR PM, retain & stockpile within project limits or haul to location shown on sheet 1-3.
 [4] Install 6" of aggregate base course in accordance with CoRR Spec 310.
 [5] Install 5.5" of SP-III asphalt in a 3" lift then a 2.5" lift in accordance with detail for the Arterial Street on sheet 9-3 to maintain final elevation & slope of pavement.
 [6] Install new 6" spill curb & gutter per detail CG-01 on sheet 9-7.

Legend

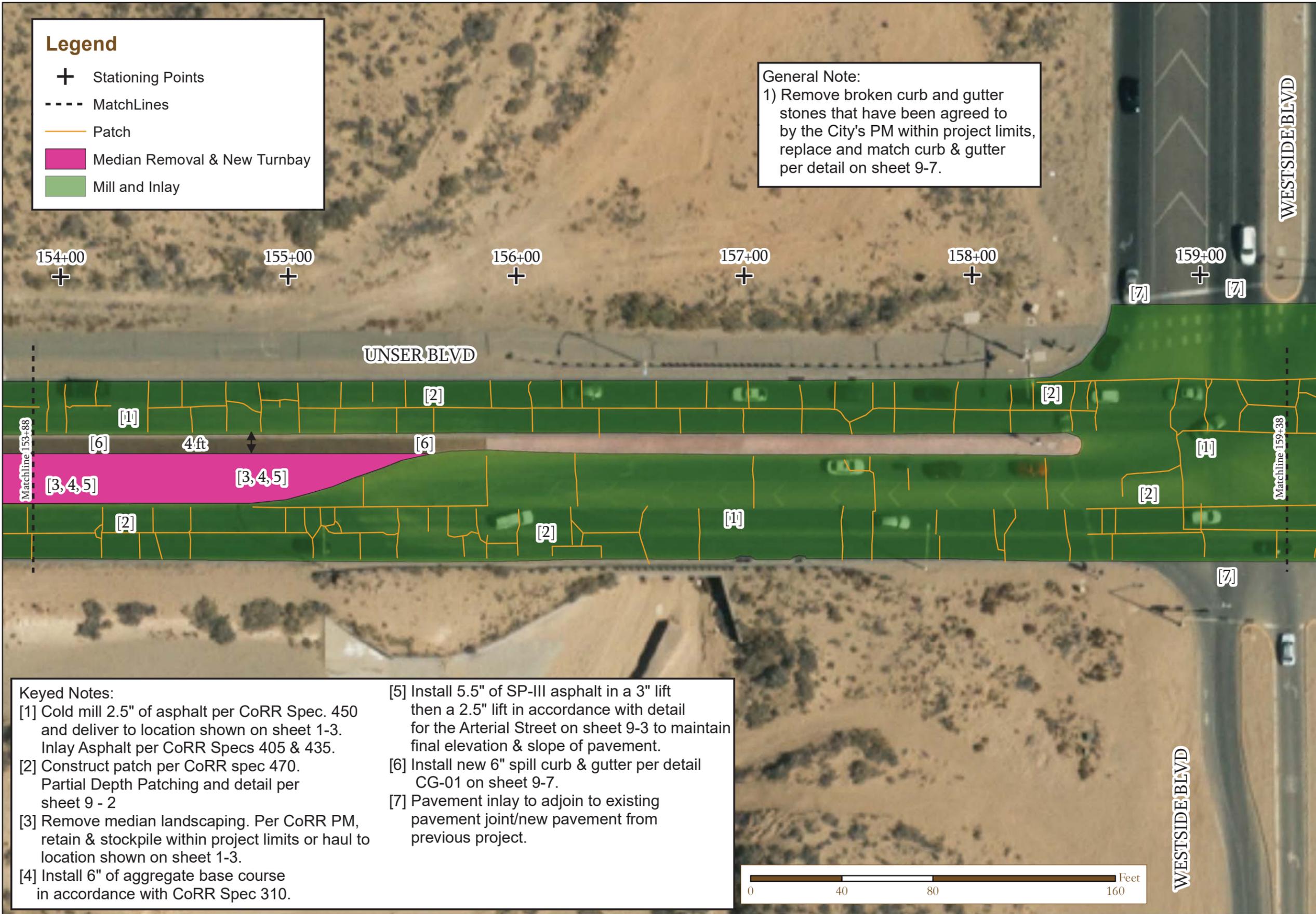
- ⊕ Stationing Points
- Patch
- - - MatchLines
- █ Median Removal & New Turnbay
- █ Mill and Inlay



Legend

-  Stationing Points
-  MatchLines
-  Patch
-  Median Removal & New Turnbay
-  Mill and Inlay

General Note:
1) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.



- Keyed Notes:**
- [1] Cold mill 2.5" of asphalt per CoRR Spec. 450 and deliver to location shown on sheet 1-3. Inlay Asphalt per CoRR Specs 405 & 435.
 - [2] Construct patch per CoRR spec 470. Partial Depth Patching and detail per sheet 9 - 2
 - [3] Remove median landscaping. Per CoRR PM, retain & stockpile within project limits or haul to location shown on sheet 1-3.
 - [4] Install 6" of aggregate base course in accordance with CoRR Spec 310.
 - [5] Install 5.5" of SP-III asphalt in a 3" lift then a 2.5" lift in accordance with detail for the Arterial Street on sheet 9-3 to maintain final elevation & slope of pavement.
 - [6] Install new 6" spill curb & gutter per detail CG-01 on sheet 9-7.
 - [7] Pavement inlay to adjoin to existing pavement joint/new pavement from previous project.



PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
MILL AND INLAY

SHEET
2 - II



PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

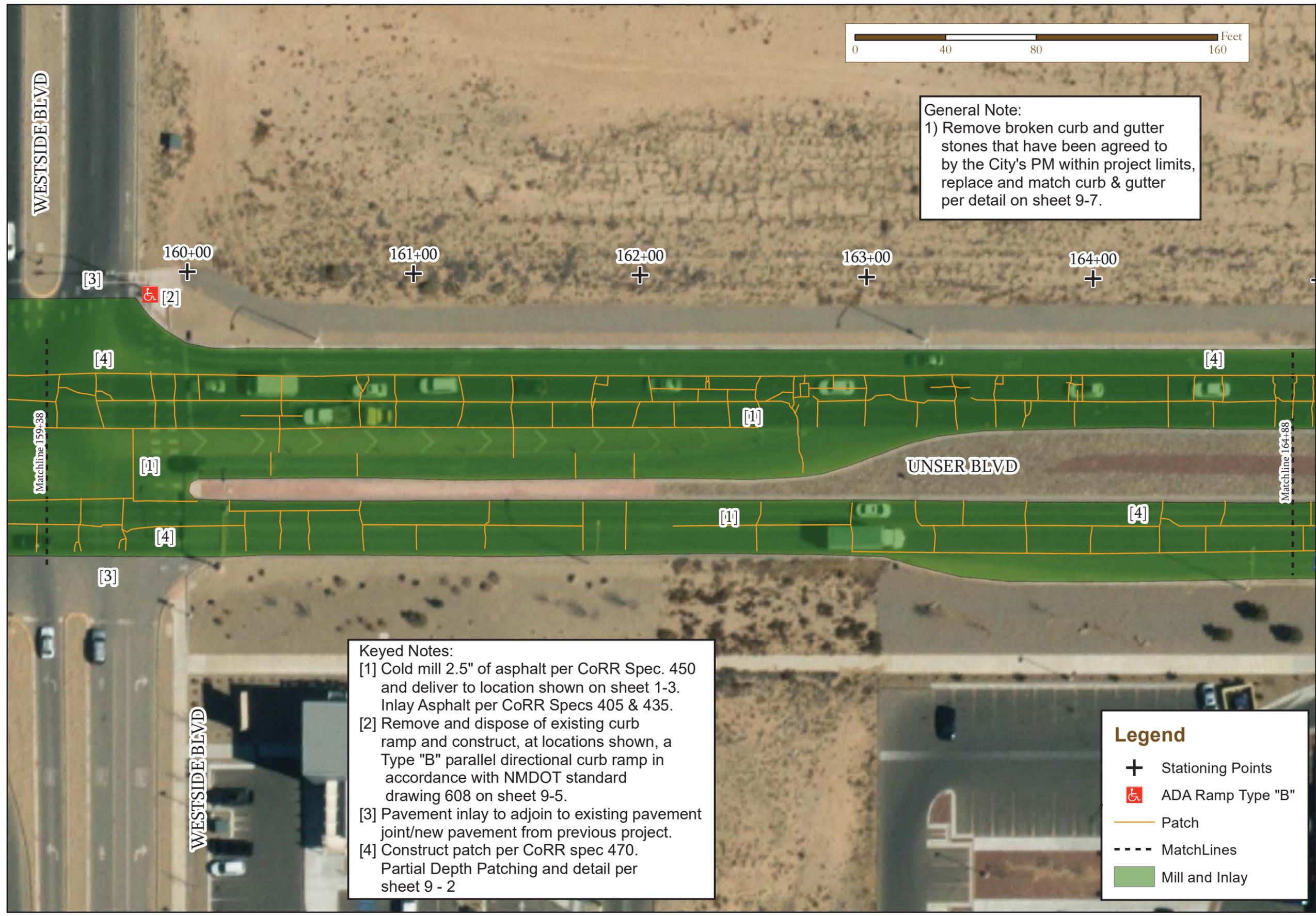


PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
MILL AND INLAY

SHEET
2 - 12



General Note:
1) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.



Keyed Notes:
[1] Cold mill 2.5" of asphalt per CoRR Spec. 450 and deliver to location shown on sheet 1-3. Inlay Asphalt per CoRR Specs 405 & 435.
[2] Remove and dispose of existing curb ramp and construct, at locations shown, a Type "B" parallel directional curb ramp in accordance with NMDOT standard drawing 608 on sheet 9-5.
[3] Pavement inlay to adjoin to existing pavement joint/new pavement from previous project.
[4] Construct patch per CoRR spec 470. Partial Depth Patching and detail per sheet 9 - 2

Legend

- ⊕ Stationing Points
- ♿ ADA Ramp Type "B"
- Patch
- - - MatchLines
- Mill and Inlay



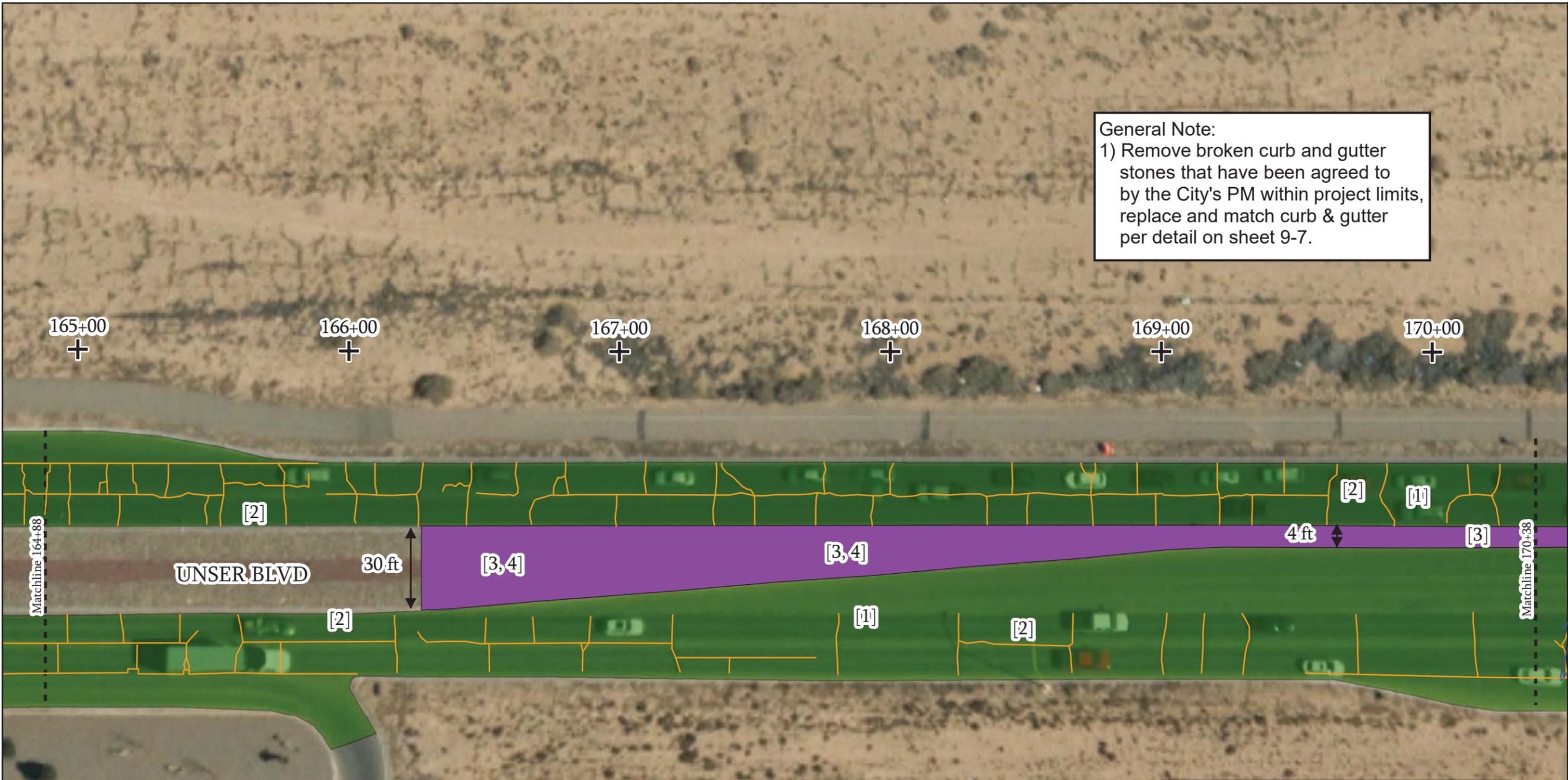
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
MILL AND INLAY

SHEET
2 - 13

General Note:
1) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.



Keyed Notes:

[1] Cold mill 2.5" of asphalt per CoRR Spec. 450 and deliver to location shown on sheet 1-3. Inlay Asphalt per CoRR Specs 405 & 435.

[2] Construct patch per CoRR spec 470. Partial Depth Patching and detail per sheet 9 - 2

[3] Remove and dispose medians in accordance with temporary traffic pattern changes, install new 6" spill curb and gutter per detail CG-01 on sheet 9 - 7 at locations shown.

[4] Contractor shall document existing median landscaping design and receive PM approval before removals take place. Remove median landscaping corresponding to median removal. Landscaping materials to be stored at contractors yard. Reinstall Median Landscaping to original conditions within new median geometry.

Legend

- ⊕ Stationing Points
- Patch
- - - MatchLines
- Median Removal & Replacement
- Mill and Inlay





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ENGINEERING DIVISION

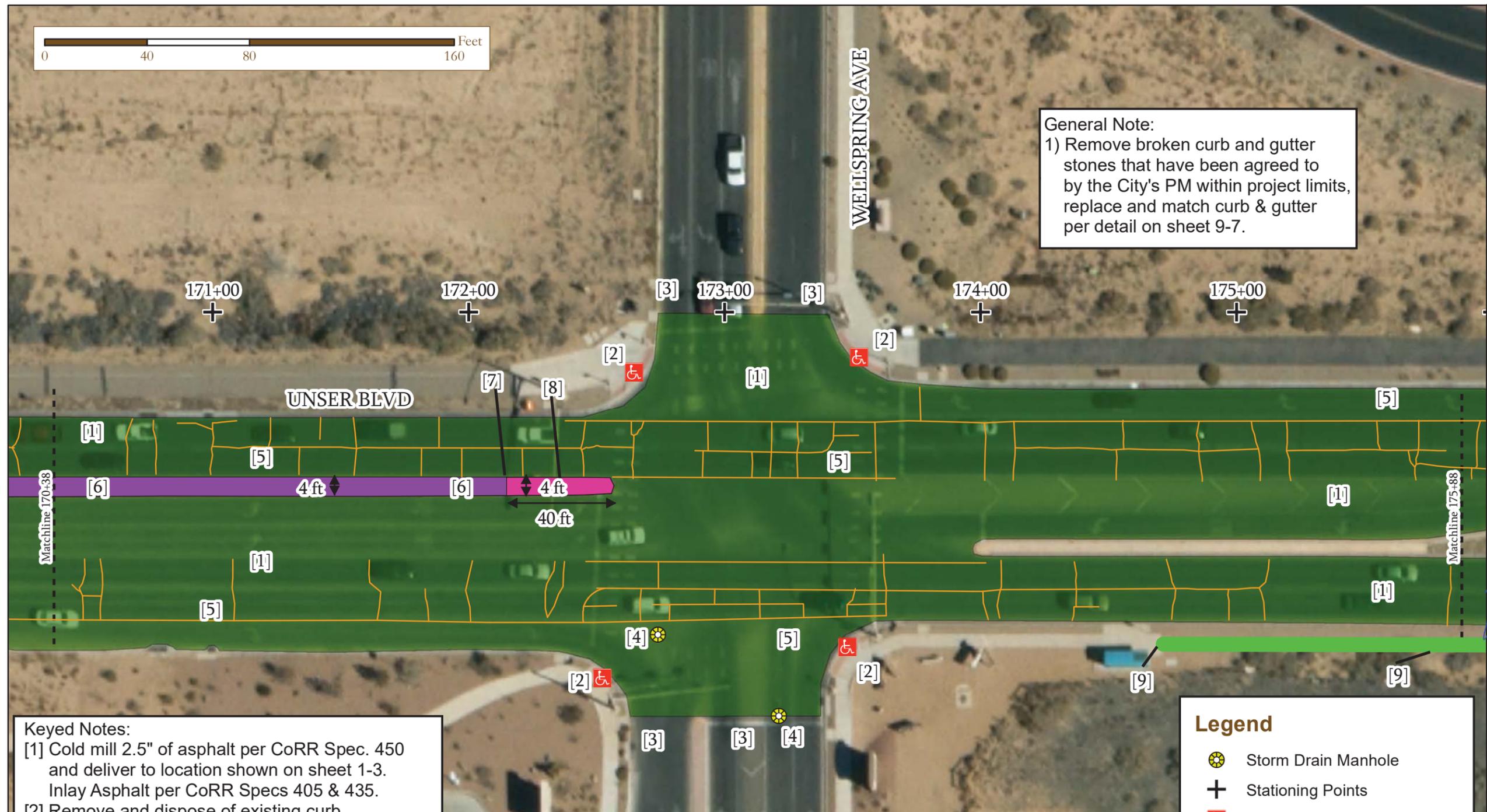


PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
MILL AND INLAY

SHEET
2 - 14



General Note:
1) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.



Keyed Notes:
 [1] Cold mill 2.5" of asphalt per CoRR Spec. 450 and deliver to location shown on sheet 1-3. Inlay Asphalt per CoRR Specs 405 & 435.
 [2] Remove and dispose of existing curb ramp and construct, at locations shown, a Type "B" parallel directional curb ramp in accordance with NMDOT standard drawing 608 on sheet 9-5.
 [3] Pavement inlay to adjoin to existing pavement joint/new pavement from previous project.
 [4] Rehabilitate and raise manhole to final grade and construct utility collar per detail on detail sheet 9 - 1 at locations shown

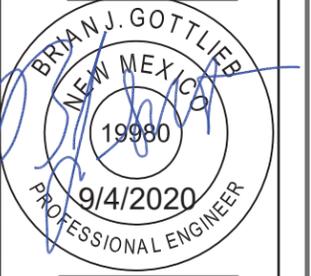
[5] Construct patch per CoRR spec 470. Partial Depth Patching and detail per sheet 9 - 2
 [6] Remove and dispose medians in accordance with temporary traffic pattern changes, install new 6" spill curb and gutter per detail CG-01 on sheet 9 - 7 at locations shown.
 [7] Remove and dispose medians in accordance with temporary traffic pattern changes, install new 6" spill curb and gutter per detail CG-01 on sheet 9 - 7 at locations shown with new curb nose.
 [8] Inlay Asphalt per CoRR Specs 405 & 435 at locations shown.
 [9] Install new 6' wide concrete sidewalk per NMDOT Spec 608 at locations shown.

Legend

- Storm Drain Manhole
- Stationing Points
- ADA Ramp Type "B"
- Patch
- Install New Sidewalk
- MatchLines
- Median Removal & New Inlay
- Median Removal
- Mill and Inlay



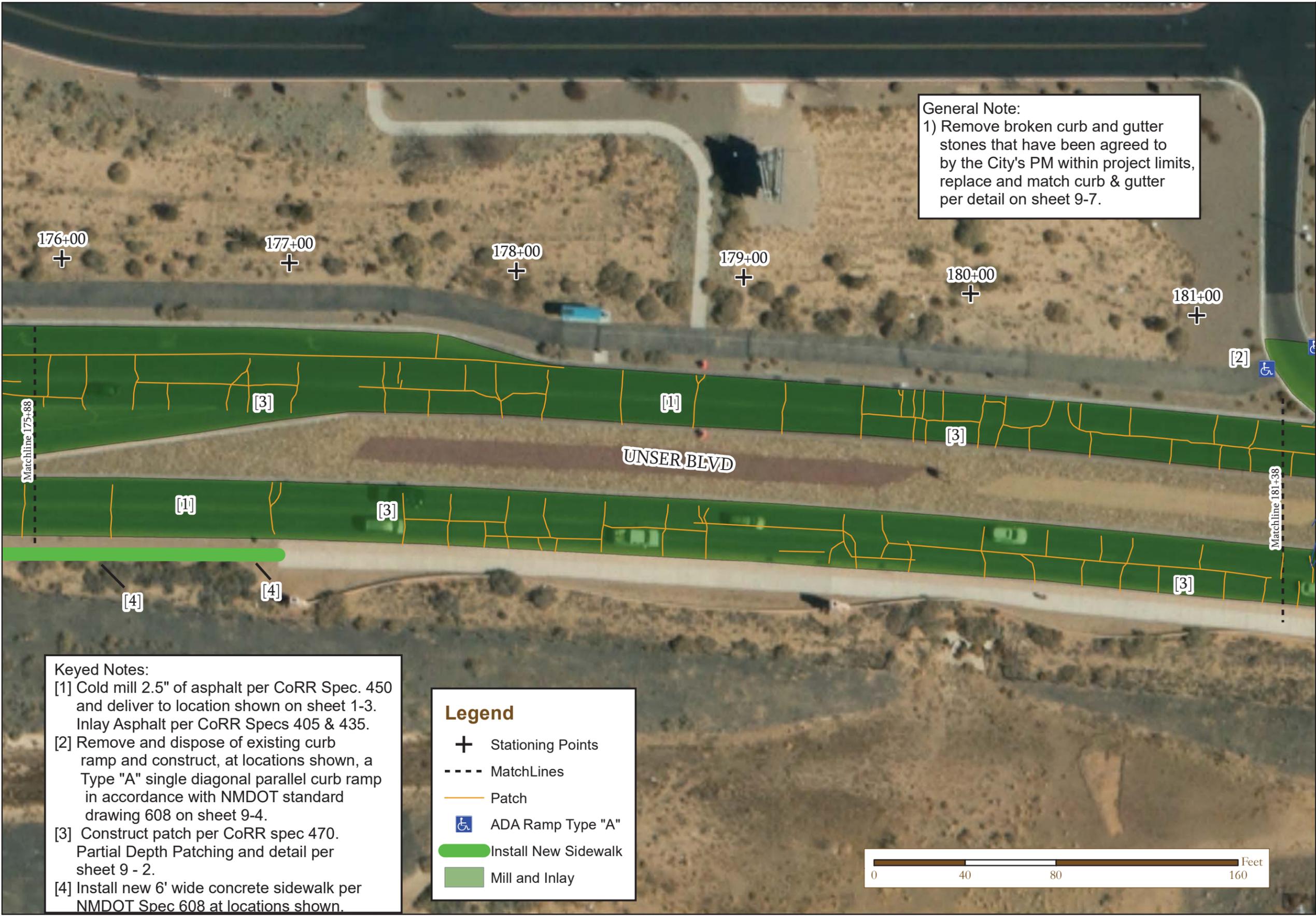
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
MILL AND INLAY

SHEET
2 - 15

General Note:
1) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.



Keyed Notes:
 [1] Cold mill 2.5" of asphalt per CoRR Spec. 450 and deliver to location shown on sheet 1-3. Inlay Asphalt per CoRR Specs 405 & 435.
 [2] Remove and dispose of existing curb ramp and construct, at locations shown, a Type "A" single diagonal parallel curb ramp in accordance with NMDOT standard drawing 608 on sheet 9-4.
 [3] Construct patch per CoRR spec 470. Partial Depth Patching and detail per sheet 9 - 2.
 [4] Install new 6' wide concrete sidewalk per NMDOT Spec 608 at locations shown.

Legend

- Stationing Points
- MatchLines
- Patch
- ADA Ramp Type "A"
- Install New Sidewalk
- Mill and Inlay





PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
MILL AND INLAY

SHEET
2 - 16



Contractor to coordinate with PM to keep Ambulance/Emergency Entrance to RUST Hospital open at all times.

General Note:
1) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.

Contractor to remove and replace concrete valley gutter stones that have been agreed to by the City's PM. Replacement of valley gutter shall be in accordance with detail on sheet 9-8.

Keyed Notes:
 [1] Cold mill 2.5" of asphalt per CoRR Spec. 450 and deliver to location shown on sheet 1-3. Inlay Asphalt per CoRR Specs 405 & 435.
 [2] Remove and dispose of existing curb ramp and construct, at locations shown, a Type "A" single diagonal parallel curb ramp in accordance with NMDOT standard drawing 608 on sheet 9-4.
 [3] Construct patch per CoRR spec 470. Partial Depth Patching and detail per sheet 9 - 2
 [4] Pavement inlay to adjoin to existing pavement joint/new pavement from previous project.

Legend

+	Stationing Points	—	Unser Phase 2 EOP
♿	ADA Ramp Type "A"	■	Maintain Valley Gutter
—	Patch	■	Mill and Inlay
- - -	MatchLines		

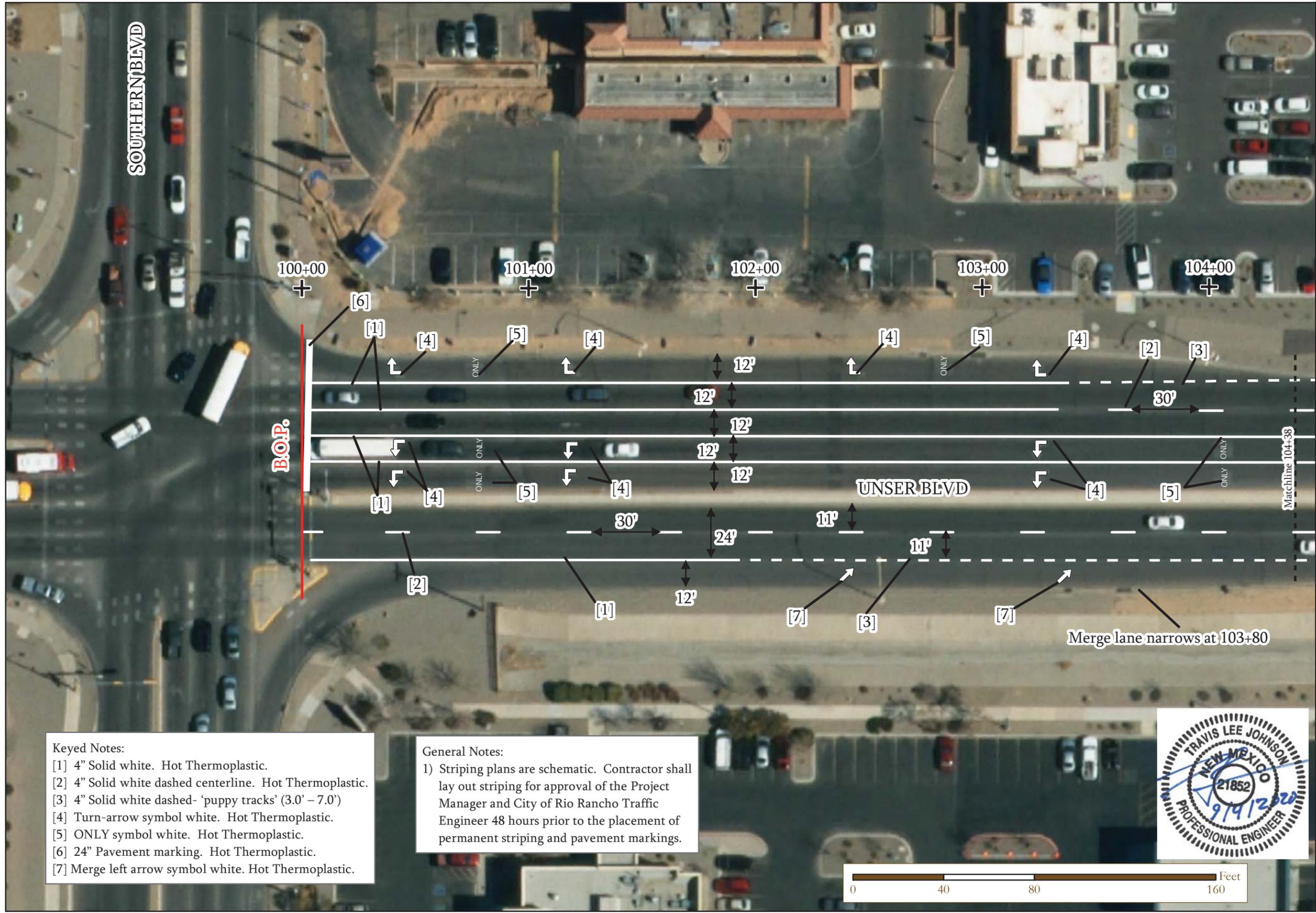




PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
STRIPING PLAN

SHEET
3-1

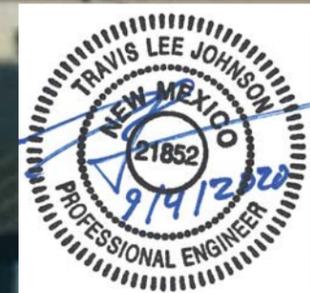


Keyed Notes:

- [1] 4" Solid white. Hot Thermoplastic.
- [2] 4" Solid white dashed centerline. Hot Thermoplastic.
- [3] 4" Solid white dashed- 'puppy tracks' (3.0' - 7.0')
- [4] Turn-arrow symbol white. Hot Thermoplastic.
- [5] ONLY symbol white. Hot Thermoplastic.
- [6] 24" Pavement marking. Hot Thermoplastic.
- [7] Merge left arrow symbol white. Hot Thermoplastic.

General Notes:

- 1) Striping plans are schematic. Contractor shall lay out striping for approval of the Project Manager and City of Rio Rancho Traffic Engineer 48 hours prior to the placement of permanent striping and pavement markings.





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ENGINEERING DIVISION

PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
STRIPING PLAN

SHEET
3 - 2

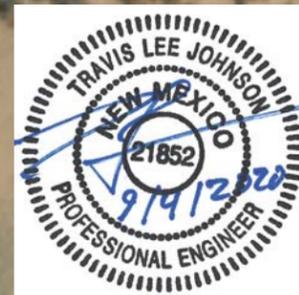


Keyed Notes:

- [1] 4" Solid white. Hot Thermoplastic.
- [2] 4" Solid white dashed centerline. Hot Thermoplastic.
- [3] 4" Solid white dashed- 'puppy tracks' (3.0' – 7.0')
- [4] Turn-arrow symbol white. Hot Thermoplastic.
- [5] ONLY symbol white. Hot Thermoplastic.
- [6] 24" Pavement marking. Hot Thermoplastic.

General Notes:

- 1) Striping plans are schematic. Contractor shall lay out striping for approval of the Project Manager and City of Rio Rancho Traffic Engineer 48 hours prior to the placement of permanent striping and pavement markings.





PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
STRIPING PLAN

SHEET
3 - 3



- Keyed Notes:
- [1] 4" Solid white. Hot Thermoplastic.
 - [2] 4" Solid white dashed centerline. Hot Thermoplastic.
 - [3] Turn-arrow symbol white. Hot Thermoplastic.
 - [4] ONLY symbol white. Hot Thermoplastic.

General Notes:
1) Striping plans are schematic. Contractor shall lay out striping for approval of the Project Manager and City of Rio Rancho Traffic Engineer 48 hours prior to the placement of permanent striping and pavement markings.



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ENGINEERING DIVISION

PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
STRIPING PLAN

SHEET
3 - 4



- Keyed Notes:
- [1] 4" Solid white. Hot Thermoplastic.
 - [2] 4" Solid white dashed centerline. Hot Thermoplastic.
 - [3] 4" Solid white dashed- 'puppy tracks' (3.0' – 7.0')
 - [4] Merge left-arrow symbol white. Hot Thermoplastic.



General Notes:
1) Striping plans are schematic. Contractor shall lay out striping for approval of the Project Manager and City of Rio Rancho Traffic Engineer 48 hours prior to the placement of permanent striping and pavement markings.





PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

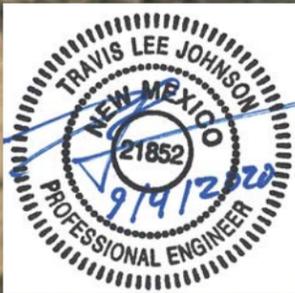


Keyed Notes:

- [1] 4" Solid white. Hot Thermoplastic.
- [2] 4" Solid white dashed centerline. Hot Thermoplastic.
- [3] 4" Solid white dashed- 'puppy tracks' (3.0' - 7.0')
- [4] Turn-arrow symbol white. Hot Thermoplastic.
- [5] ONLY symbol white. Hot Thermoplastic.
- [6] 24" Pavement marking. Hot Thermoplastic.

General Notes:

1) Striping plans are schematic. Contractor shall lay out striping for approval of the Project Manager and City of Rio Rancho Traffic Engineer 48 hours prior to the placement of permanent striping and pavement markings.



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
STRIPING PLAN

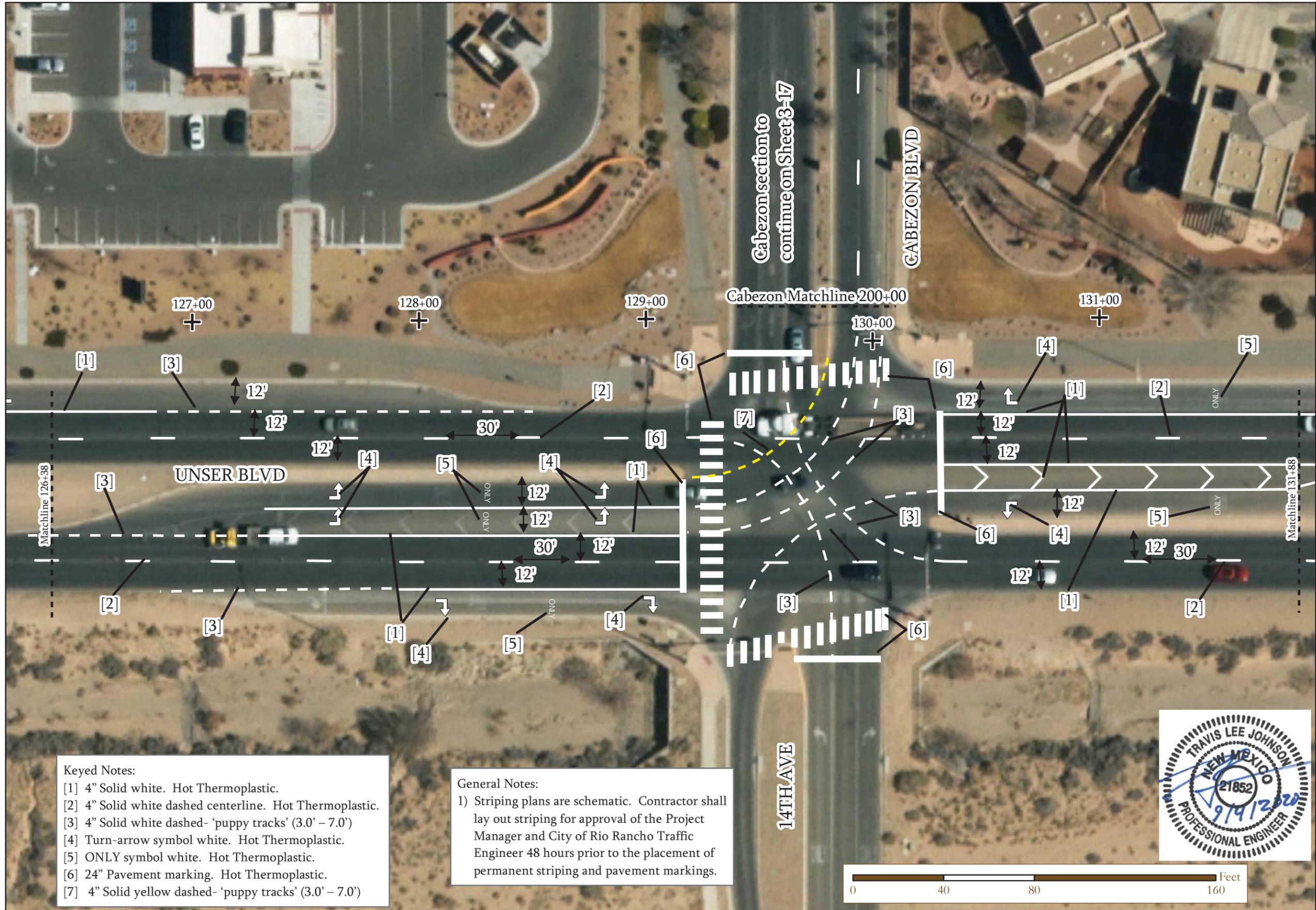
SHEET
3 - 5



PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
STRIPING PLAN

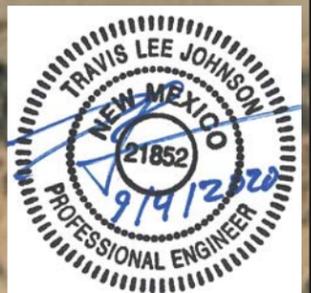
SHEET
3 - 6



- Keyed Notes:**
- [1] 4" Solid white. Hot Thermoplastic.
 - [2] 4" Solid white dashed centerline. Hot Thermoplastic.
 - [3] 4" Solid white dashed- 'puppy tracks' (3.0' - 7.0')
 - [4] Turn-arrow symbol white. Hot Thermoplastic.
 - [5] ONLY symbol white. Hot Thermoplastic.
 - [6] 24" Pavement marking. Hot Thermoplastic.
 - [7] 4" Solid yellow dashed- 'puppy tracks' (3.0' - 7.0')

General Notes:

1) Striping plans are schematic. Contractor shall lay out striping for approval of the Project Manager and City of Rio Rancho Traffic Engineer 48 hours prior to the placement of permanent striping and pavement markings.

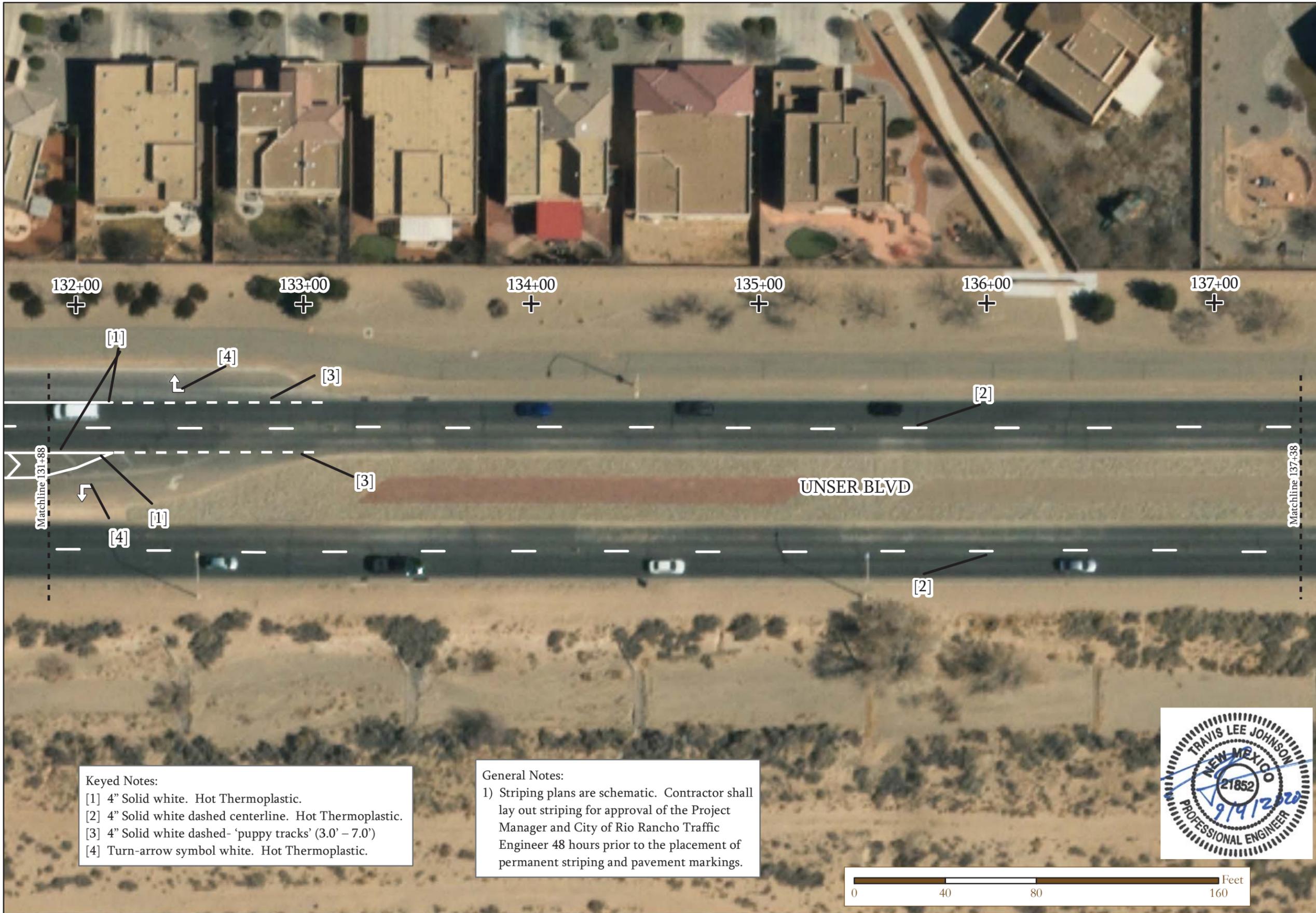




PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
STRIPING PLAN

SHEET
3 - 7



Keyed Notes:
[1] 4" Solid white. Hot Thermoplastic.
[2] 4" Solid white dashed centerline. Hot Thermoplastic.
[3] 4" Solid white dashed- 'puppy tracks' (3.0' - 7.0')
[4] Turn-arrow symbol white. Hot Thermoplastic.

General Notes:
1) Striping plans are schematic. Contractor shall lay out striping for approval of the Project Manager and City of Rio Rancho Traffic Engineer 48 hours prior to the placement of permanent striping and pavement markings.

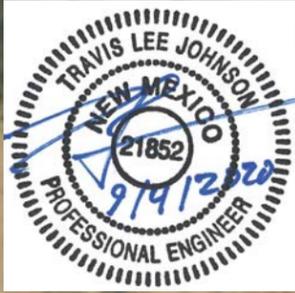




PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
STRIPING PLAN

SHEET
3 - 8



Keyed Notes:
[1] 4" Solid white dashed centerline. Hot Thermoplastic.

General Notes:
1) Striping plans are schematic. Contractor shall lay out striping for approval of the Project Manager and City of Rio Rancho Traffic Engineer 48 hours prior to the placement of permanent striping and pavement markings.





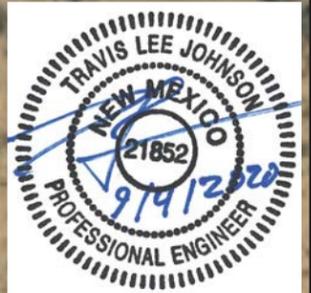
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
STRIPING PLAN

SHEET
3 - 9

Keyed Notes:
[1] 4" Solid white dashed centerline. Hot Thermoplastic.

General Notes:
1) Striping plans are schematic. Contractor shall lay out striping for approval of the Project Manager and City of Rio Rancho Traffic Engineer 48 hours prior to the placement of permanent striping and pavement markings.

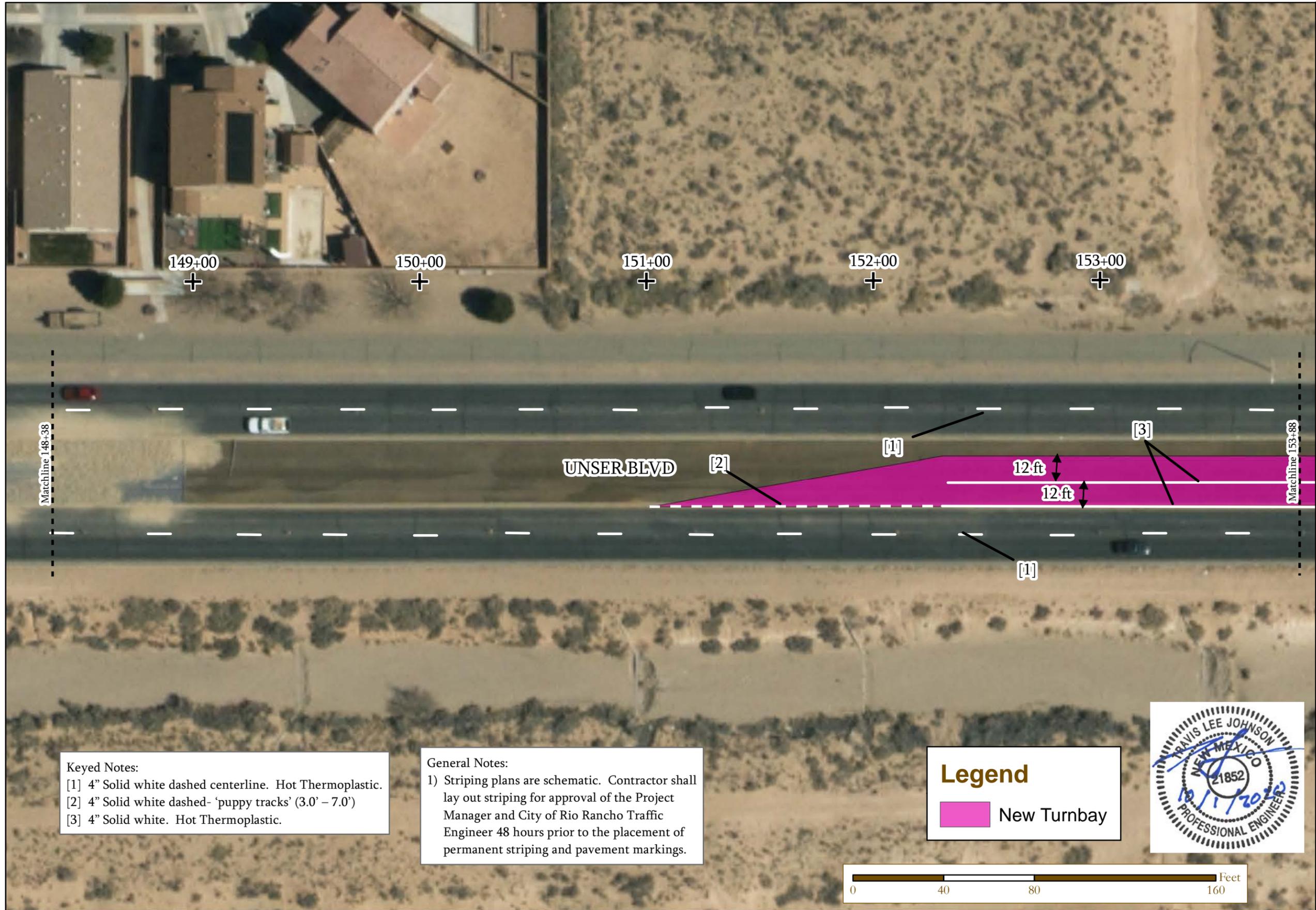




PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
STRIPING PLAN

SHEET
3 - 10



Keyed Notes:
 [1] 4" Solid white dashed centerline. Hot Thermoplastic.
 [2] 4" Solid white dashed- 'puppy tracks' (3.0' - 7.0')
 [3] 4" Solid white. Hot Thermoplastic.

General Notes:
 1) Striping plans are schematic. Contractor shall lay out striping for approval of the Project Manager and City of Rio Rancho Traffic Engineer 48 hours prior to the placement of permanent striping and pavement markings.

Legend
 New Turnbay

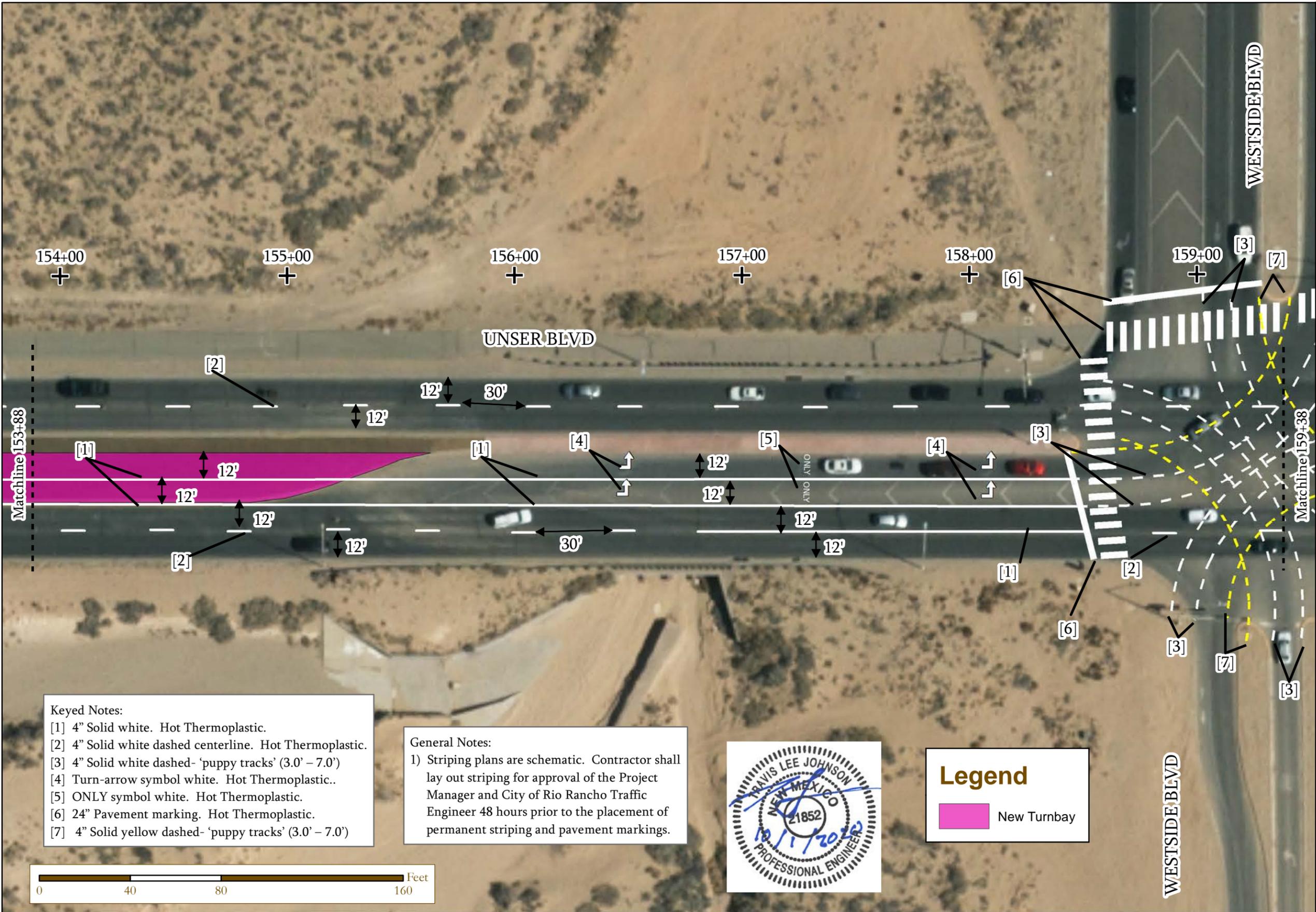




PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
STRIPING PLAN

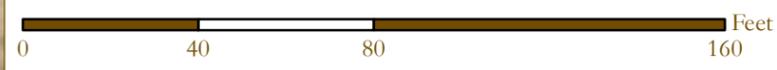
SHEET
3 - II



- Keyed Notes:**
- [1] 4" Solid white. Hot Thermoplastic.
 - [2] 4" Solid white dashed centerline. Hot Thermoplastic.
 - [3] 4" Solid white dashed- 'puppy tracks' (3.0' - 7.0')
 - [4] Turn-arrow symbol white. Hot Thermoplastic..
 - [5] ONLY symbol white. Hot Thermoplastic.
 - [6] 24" Pavement marking. Hot Thermoplastic.
 - [7] 4" Solid yellow dashed- 'puppy tracks' (3.0' - 7.0')

General Notes:

1) Striping plans are schematic. Contractor shall lay out striping for approval of the Project Manager and City of Rio Rancho Traffic Engineer 48 hours prior to the placement of permanent striping and pavement markings.



Legend

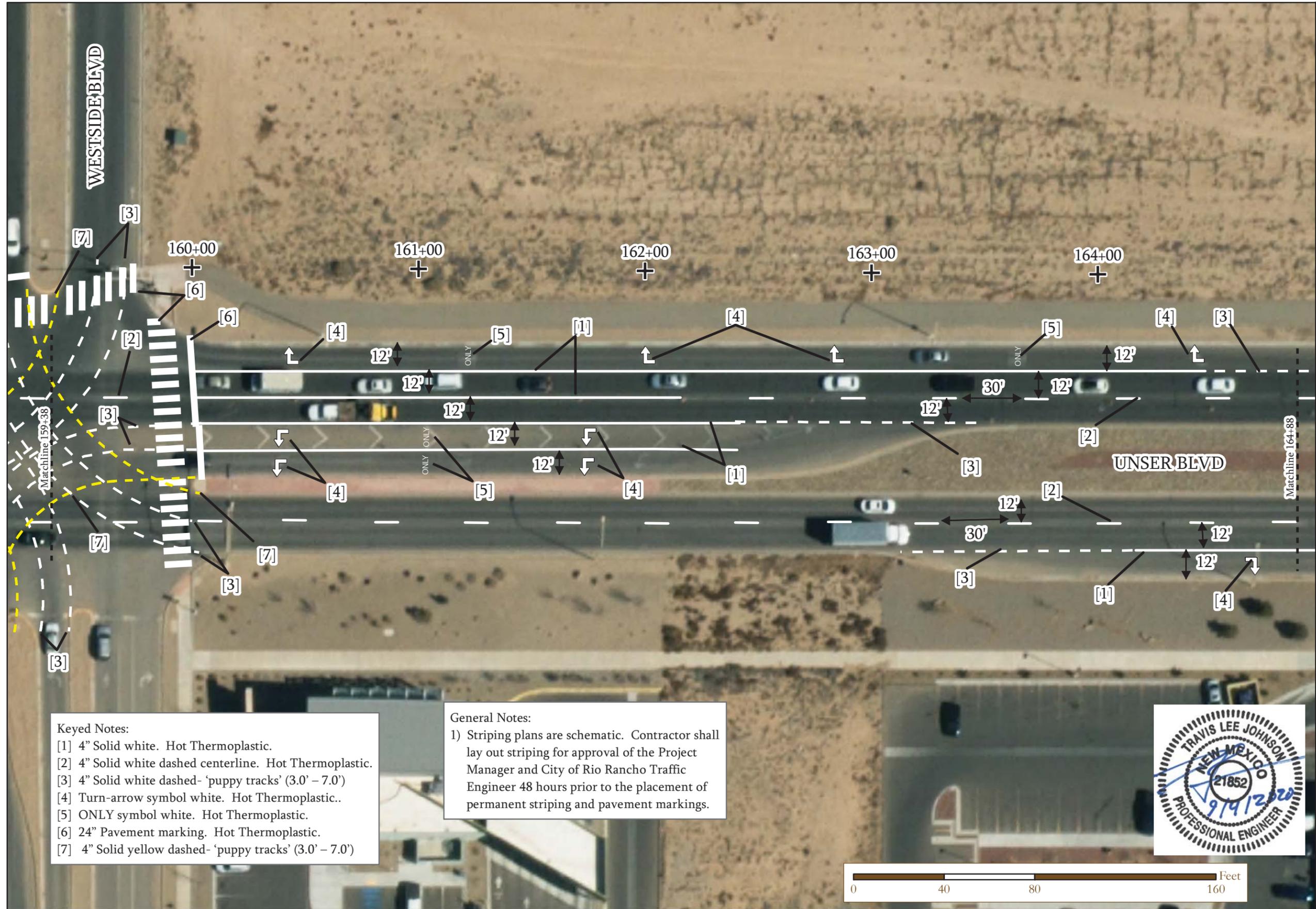
- New Turnbay



PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

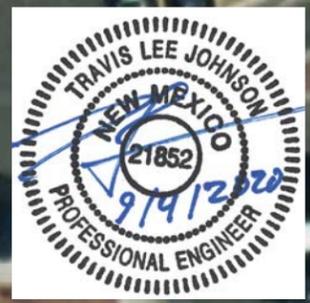
PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
STRIPING PLAN

SHEET
3 - 12



- Keyed Notes:
- [1] 4" Solid white. Hot Thermoplastic.
 - [2] 4" Solid white dashed centerline. Hot Thermoplastic.
 - [3] 4" Solid white dashed- 'puppy tracks' (3.0' - 7.0')
 - [4] Turn-arrow symbol white. Hot Thermoplastic..
 - [5] ONLY symbol white. Hot Thermoplastic.
 - [6] 24" Pavement marking. Hot Thermoplastic.
 - [7] 4" Solid yellow dashed- 'puppy tracks' (3.0' - 7.0')

General Notes:
1) Striping plans are schematic. Contractor shall lay out striping for approval of the Project Manager and City of Rio Rancho Traffic Engineer 48 hours prior to the placement of permanent striping and pavement markings.





PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
STRIPING PLAN

SHEET
3 - 13



Keyed Notes:
 [1] 4" Solid white. Hot Thermoplastic.
 [2] 4" Solid white dashed centerline. Hot Thermoplastic.
 [3] 4" Solid white dashed- 'puppy tracks' (3.0' – 7.0')
 [4] Turn-arrow symbol white. Hot Thermoplastic.

General Notes:
 1) Striping plans are schematic. Contractor shall lay out striping for approval of the Project Manager and City of Rio Rancho Traffic Engineer 48 hours prior to the placement of permanent striping and pavement markings.

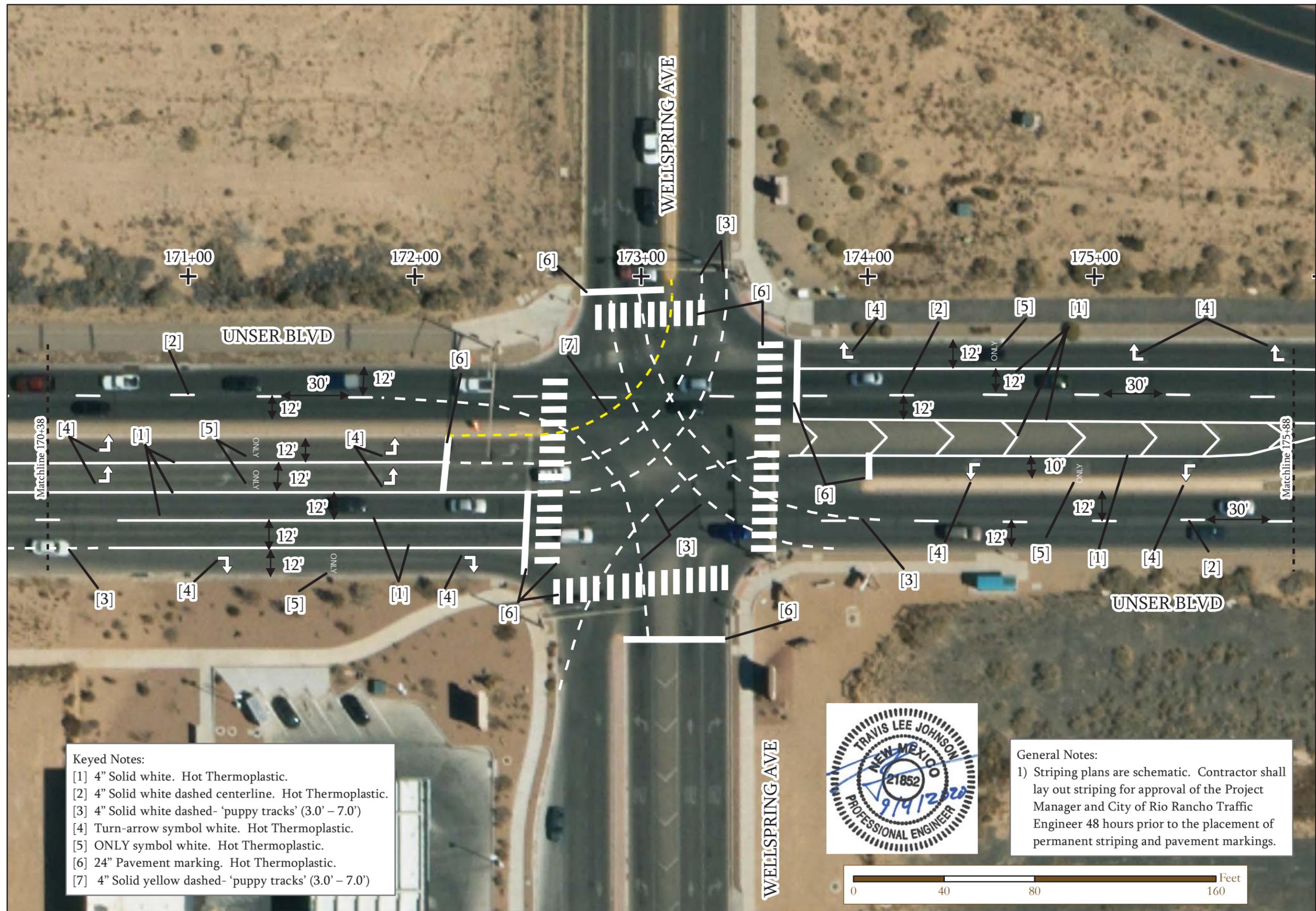




PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
STRIPING PLAN

SHEET
3 - 14



- Keyed Notes:
- [1] 4" Solid white. Hot Thermoplastic.
 - [2] 4" Solid white dashed centerline. Hot Thermoplastic.
 - [3] 4" Solid white dashed- 'puppy tracks' (3.0' – 7.0')
 - [4] Turn-arrow symbol white. Hot Thermoplastic.
 - [5] ONLY symbol white. Hot Thermoplastic.
 - [6] 24" Pavement marking. Hot Thermoplastic.
 - [7] 4" Solid yellow dashed- 'puppy tracks' (3.0' – 7.0')



General Notes:
1) Striping plans are schematic. Contractor shall lay out striping for approval of the Project Manager and City of Rio Rancho Traffic Engineer 48 hours prior to the placement of permanent striping and pavement markings.

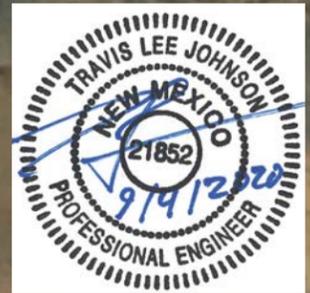




PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
STRIPING PLAN

SHEET
3 - 15



Keyed Notes:
 [1] 4" Solid white. Hot Thermoplastic.
 [2] 4" Solid white dashed centerline. Hot Thermoplastic.
 [3] 4" Solid white dashed- 'puppy tracks' (3.0' - 7.0')
 [4] Turn-arrow symbol white. Hot Thermoplastic..
 [5] ONLY symbol white. Hot Thermoplastic.

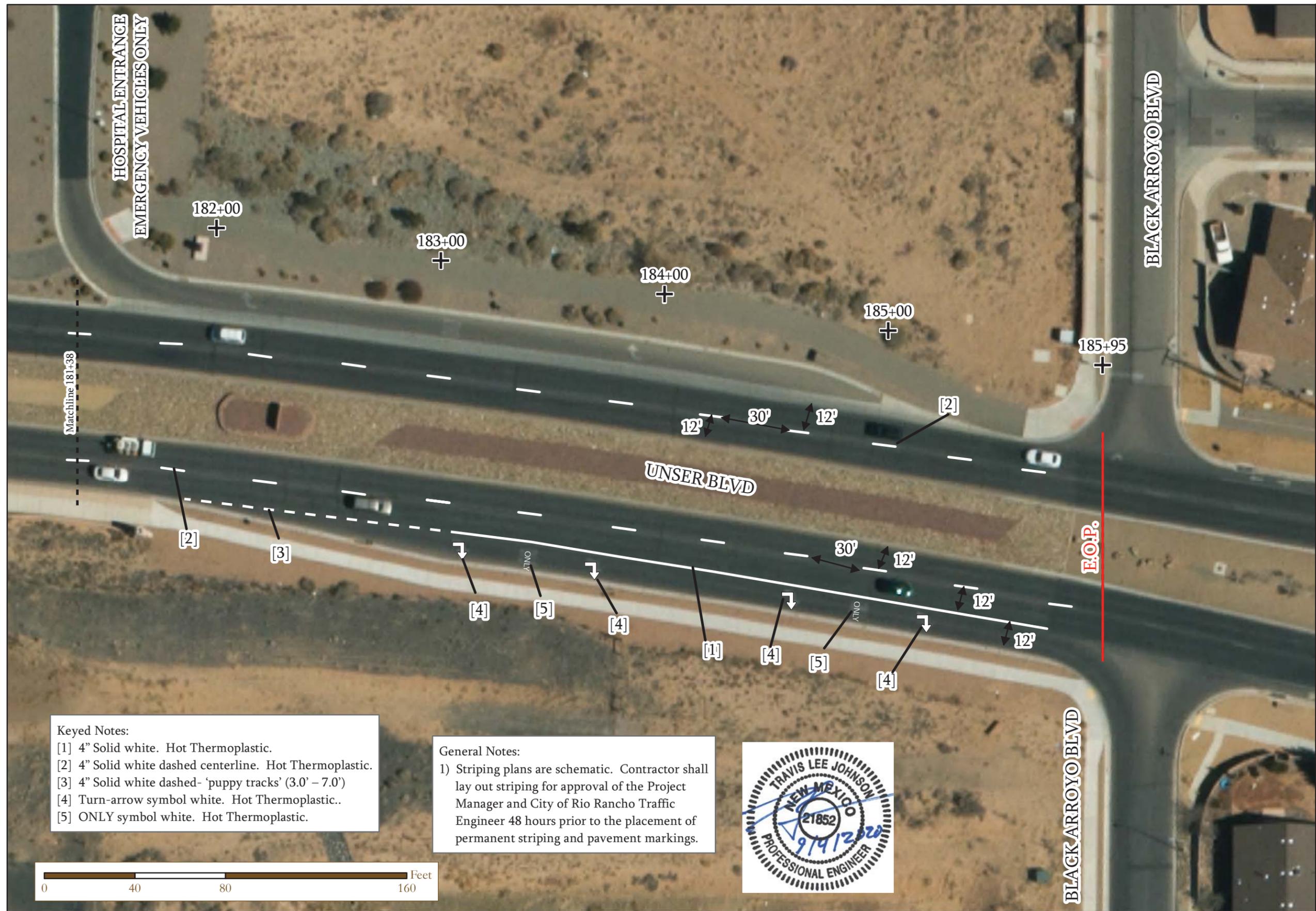
General Notes:
 1) Striping plans are schematic. Contractor shall lay out striping for approval of the Project Manager and City of Rio Rancho Traffic Engineer 48 hours prior to the placement of permanent striping and pavement markings.



PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

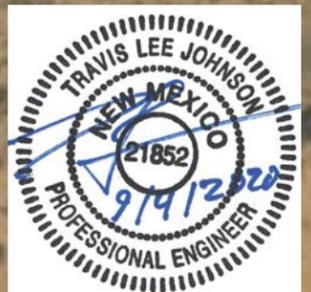
PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
STRIPING PLAN

SHEET
3 - 16



- Keyed Notes:
- [1] 4" Solid white. Hot Thermoplastic.
 - [2] 4" Solid white dashed centerline. Hot Thermoplastic.
 - [3] 4" Solid white dashed- 'puppy tracks' (3.0' - 7.0')
 - [4] Turn-arrow symbol white. Hot Thermoplastic..
 - [5] ONLY symbol white. Hot Thermoplastic.

- General Notes:
- 1) Striping plans are schematic. Contractor shall lay out striping for approval of the Project Manager and City of Rio Rancho Traffic Engineer 48 hours prior to the placement of permanent striping and pavement markings.





PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
STRIPING PLAN

SHEET
3 - 17



- Keyed Notes:
- [1] 4" Solid white. Hot Thermoplastic.
 - [2] 4" Solid white dashed centerline. Hot Thermoplastic.
 - [3] 4" Solid white dashed- 'puppy tracks' (3.0' – 7.0')
 - [4] Turn-arrow symbol white. Hot Thermoplastic.
 - [5] ONLY symbol white. Hot Thermoplastic.
 - [6] Merge left-arrow symbol white. Hot Thermoplastic.

General Notes:
1) Striping plans are schematic. Contractor shall lay out striping for approval of the Project Manager and City of Rio Rancho Traffic Engineer 48 hours prior to the placement of permanent striping and pavement markings.



Legend

New Merge Sign

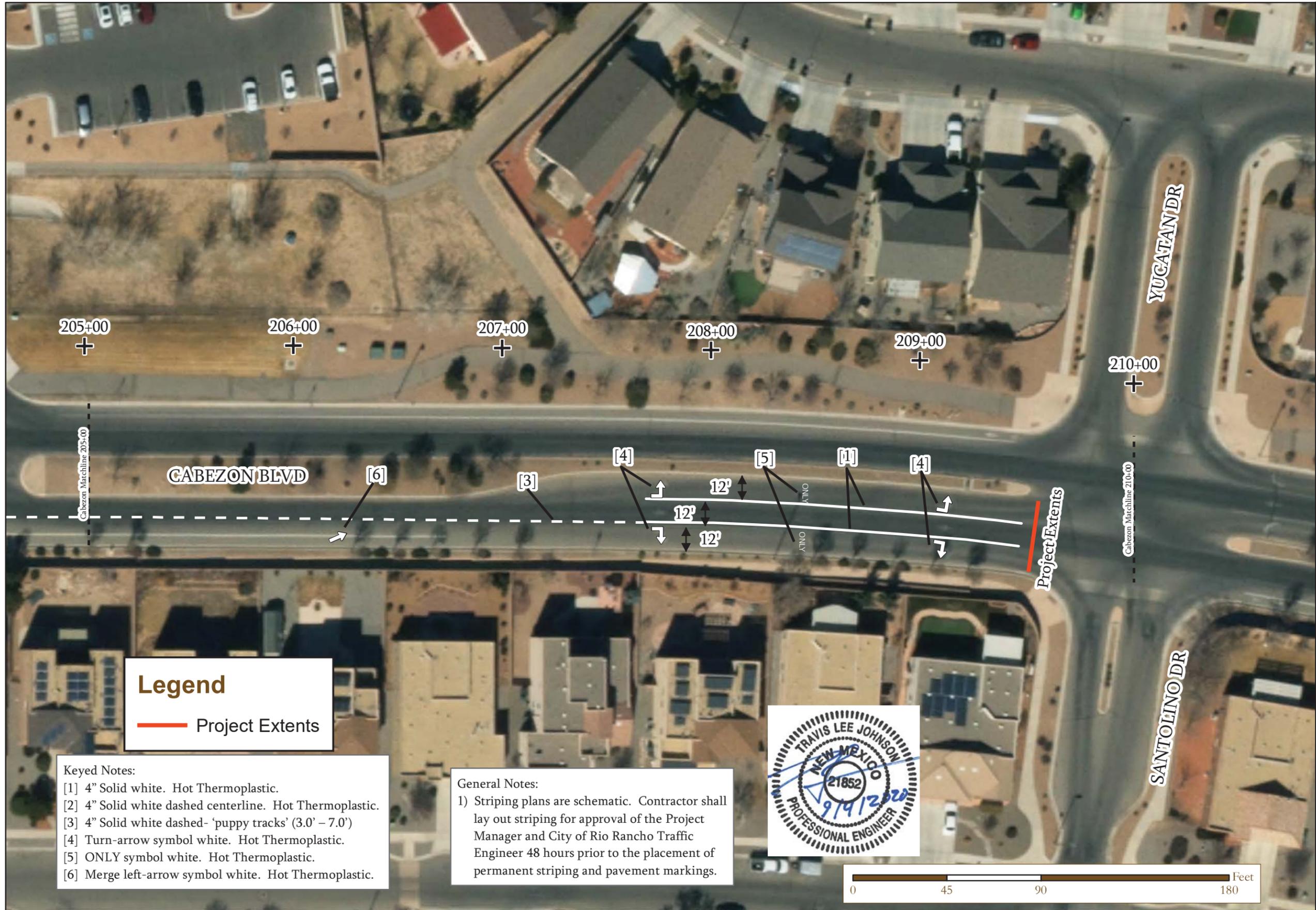




PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
STRIPING PLAN

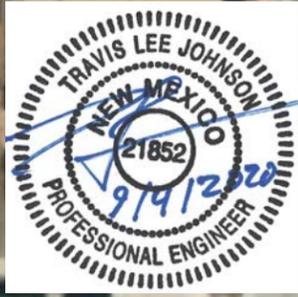
SHEET
3 - 18



Legend
— Project Extents

Keyed Notes:
 [1] 4" Solid white. Hot Thermoplastic.
 [2] 4" Solid white dashed centerline. Hot Thermoplastic.
 [3] 4" Solid white dashed- 'puppy tracks' (3.0' – 7.0')
 [4] Turn-arrow symbol white. Hot Thermoplastic.
 [5] ONLY symbol white. Hot Thermoplastic.
 [6] Merge left-arrow symbol white. Hot Thermoplastic.

General Notes:
 1) Striping plans are schematic. Contractor shall lay out striping for approval of the Project Manager and City of Rio Rancho Traffic Engineer 48 hours prior to the placement of permanent striping and pavement markings.





PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
19TH ST. DETOUR PAVING

SHEET
4-1



Legend

- CoRR Parcels Boundary
- 19th St. Detour Paving



Keyed Notes:
 [1] Miscellaneous paving. Contractor to remove 7" of existing subgrade soil and build 3" Hot Mix Asphalt over 4" Base Course with Prime Coat Material in-between per NMDOT Spec. 417000 at locations shown.
 Contractor to maintain downstream elevations of arroyo/drain with blading and reshaping.

General Notes:
 1) Detour through 19th St. to be residential traffic only. Expected weight limit set at no trucks/vehicles exceeding 5000 lbs through detour.
 2) Existing traffic signage to remain in place.

19th St. SE

Old 19th St. - out of use

To Sheets 2-11/2-12
Unser Blvd

Vargas Rd

19th St. SE

Westside Blvd

General Notes:

- 1) Detour through 19th St. to be residential traffic only. Expected weight limit set at no trucks/vehicles exceeding 5000 lbs through detour.
- 2) Existing traffic signage to remain in place.
- 3) Striping plans are schematic. Contractor shall lay out striping for approval of the Project Manager and City of Rio Rancho Traffic Engineer 48 hours prior to the placement of permanent striping and pavement markings.

Legend

-  CoRR Parcels Boundary
-  19th St. Detour Paving Area

Keyed Notes:

- [1] 4" Double solid yellow. Hot Thermoplastic.
- [2] 24" Pavement marking. Hot Thermoplastic.
- [3] 4" Solid white. Hot Thermoplastic.

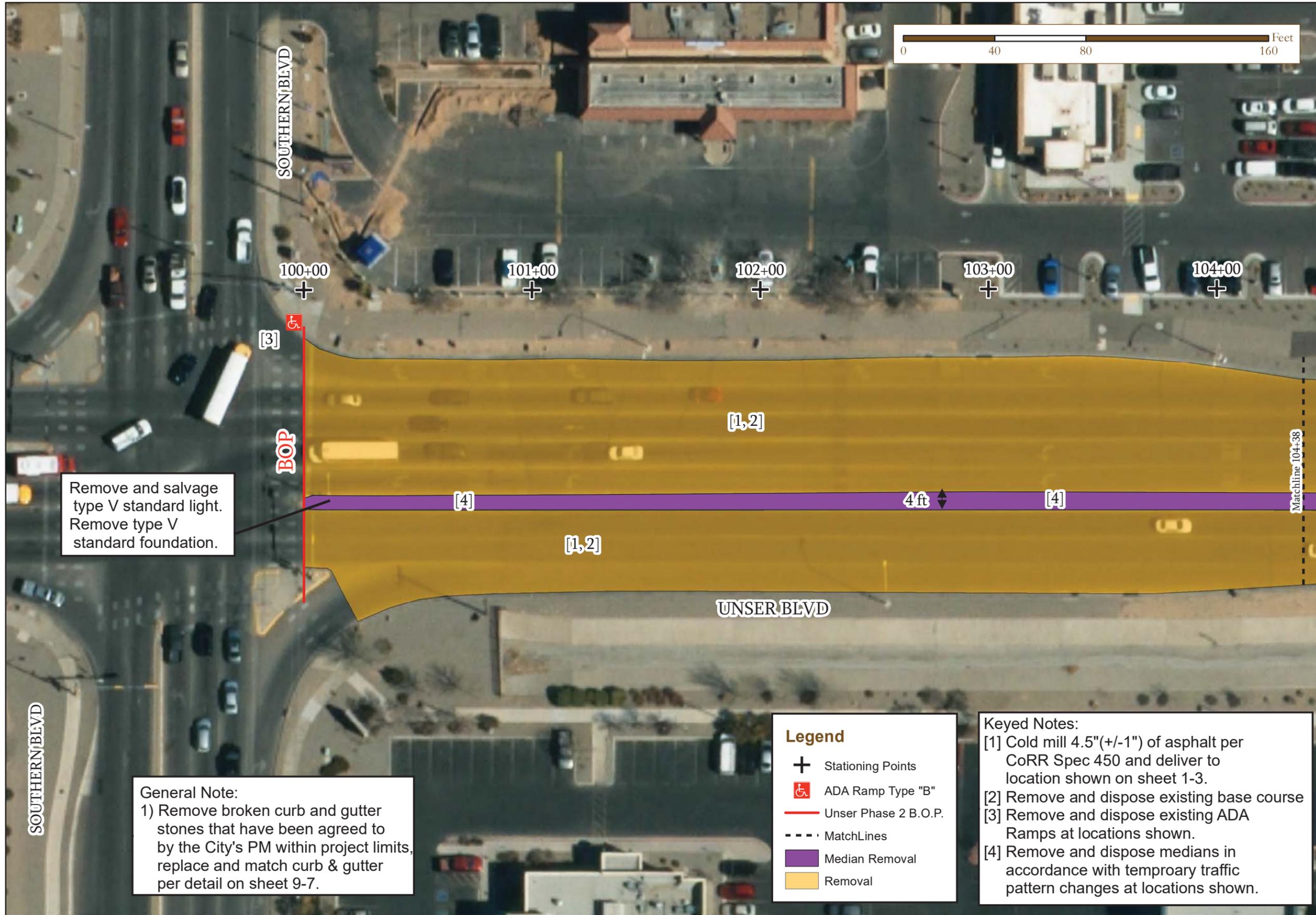


PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
19TH ST. DETOUR STRIPING

SHEET
4 - 2



PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 1

SHEET
5-1

Remove and salvage
type V standard light.
Remove type V
standard foundation.

General Note:
1) Remove broken curb and gutter
stones that have been agreed to
by the City's PM within project limits,
replace and match curb & gutter
per detail on sheet 9-7.

Legend

- ⊕ Stationing Points
- ♿ ADA Ramp Type "B"
- Unser Phase 2 B.O.P.
- - - MatchLines
- Median Removal
- Removal

Keyed Notes:
[1] Cold mill 4.5" (+/-1") of asphalt per
CoRR Spec 450 and deliver to
location shown on sheet 1-3.
[2] Remove and dispose existing base course
[3] Remove and dispose existing ADA
Ramps at locations shown.
[4] Remove and dispose medians in
accordance with temporary traffic
pattern changes at locations shown.

SOUTHERN BLVD

SOUTHERN BLVD

UNSER BLVD

100+00

101+00

102+00

103+00

104+00

[3]

BOP

[1,2]

[4]

4ft

[4]

[1,2]

Matchline 104+38



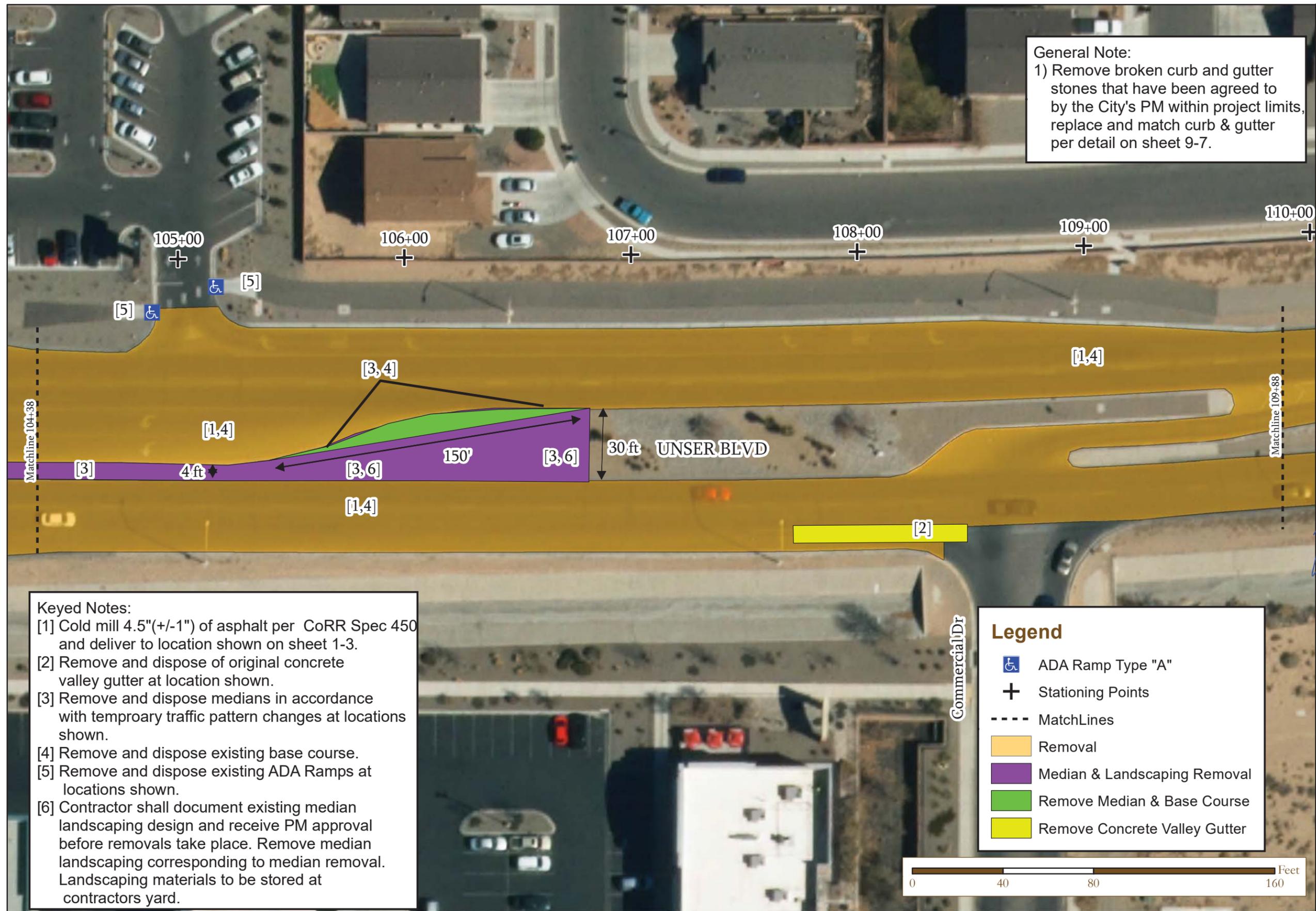
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 1

SHEET
5 - 2

General Note:
1) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.



Keyed Notes:
 [1] Cold mill 4.5"(+/-1") of asphalt per CoRR Spec 450 and deliver to location shown on sheet 1-3.
 [2] Remove and dispose of original concrete valley gutter at location shown.
 [3] Remove and dispose medians in accordance with temporary traffic pattern changes at locations shown.
 [4] Remove and dispose existing base course.
 [5] Remove and dispose existing ADA Ramps at locations shown.
 [6] Contractor shall document existing median landscaping design and receive PM approval before removals take place. Remove median landscaping corresponding to median removal. Landscaping materials to be stored at contractors yard.

Legend

- ADA Ramp Type "A"
- Stationing Points
- MatchLines
- Removal
- Median & Landscaping Removal
- Remove Median & Base Course
- Remove Concrete Valley Gutter



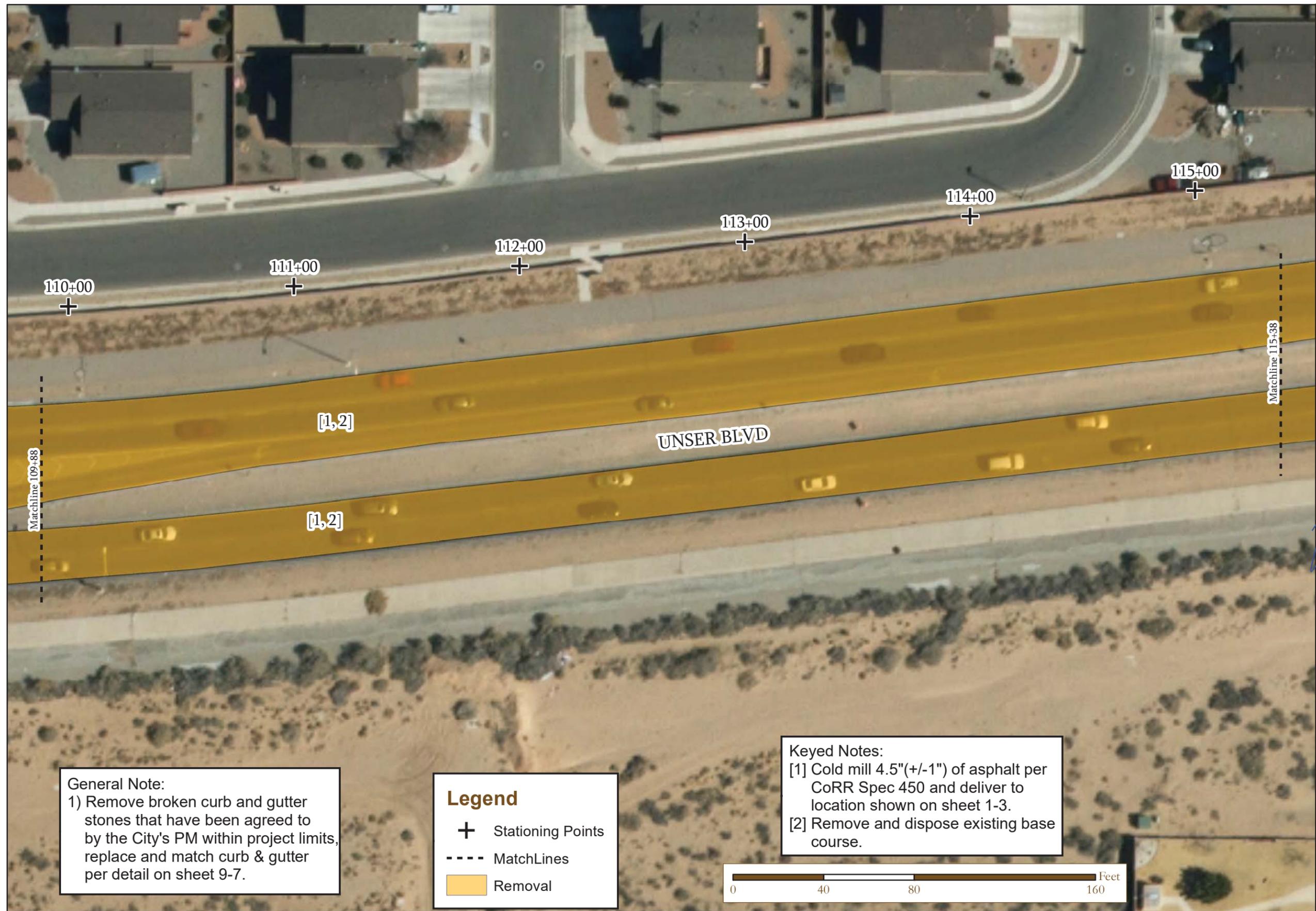


PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 1

SHEET
5 - 3



General Note:
1) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.

Legend

- + Stationing Points
- MatchLines
- Removal

Keyed Notes:
[1] Cold mill 4.5" (+/-1") of asphalt per CoRR Spec 450 and deliver to location shown on sheet 1-3.
[2] Remove and dispose existing base course.



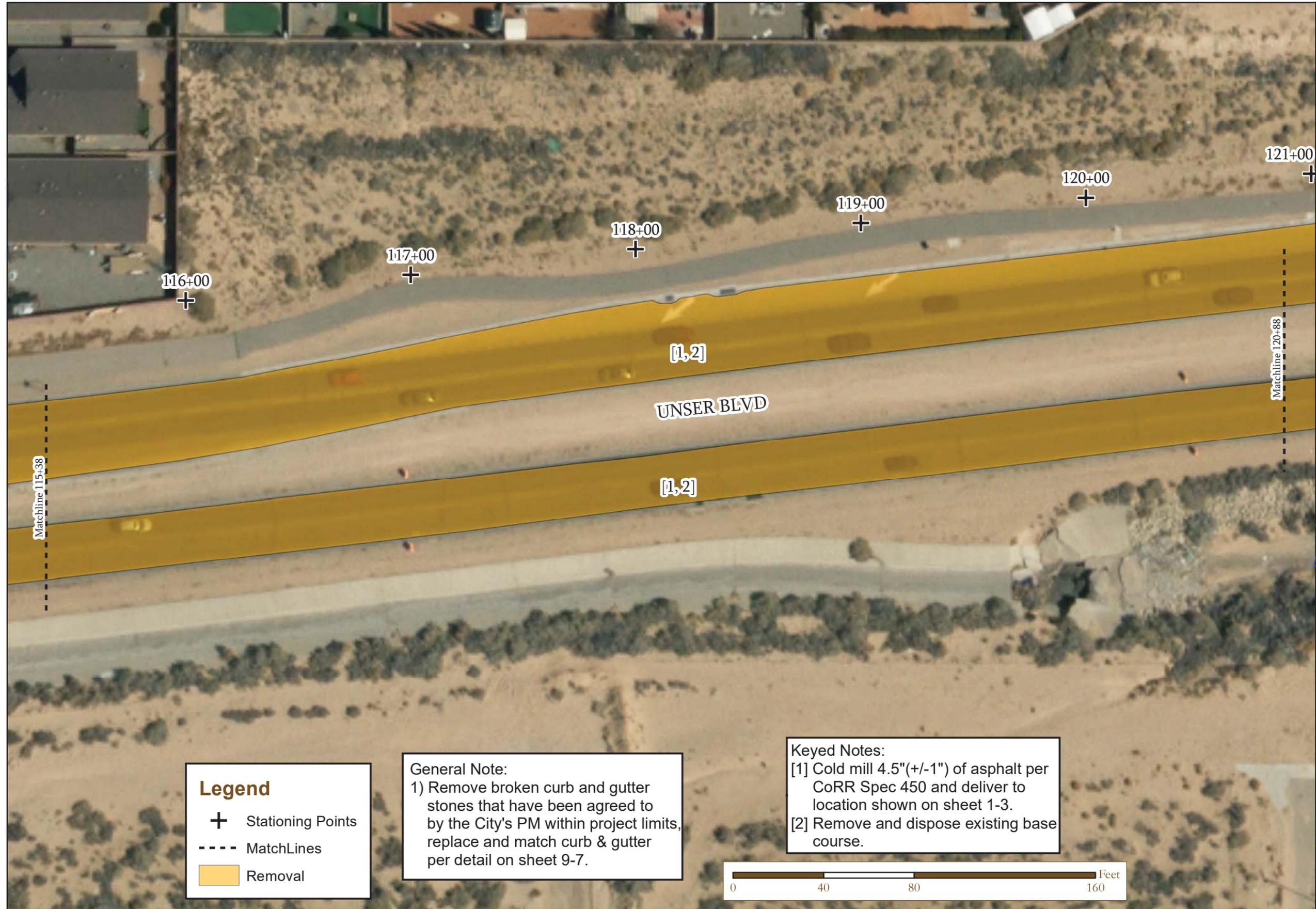


PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 1

SHEET
5 - 4



Legend

- Stationing Points
- MatchLines
- Removal

General Note:
1) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.

Keyed Notes:
[1] Cold mill 4.5"(+/-1") of asphalt per CoRR Spec 450 and deliver to location shown on sheet 1-3.
[2] Remove and dispose existing base course.



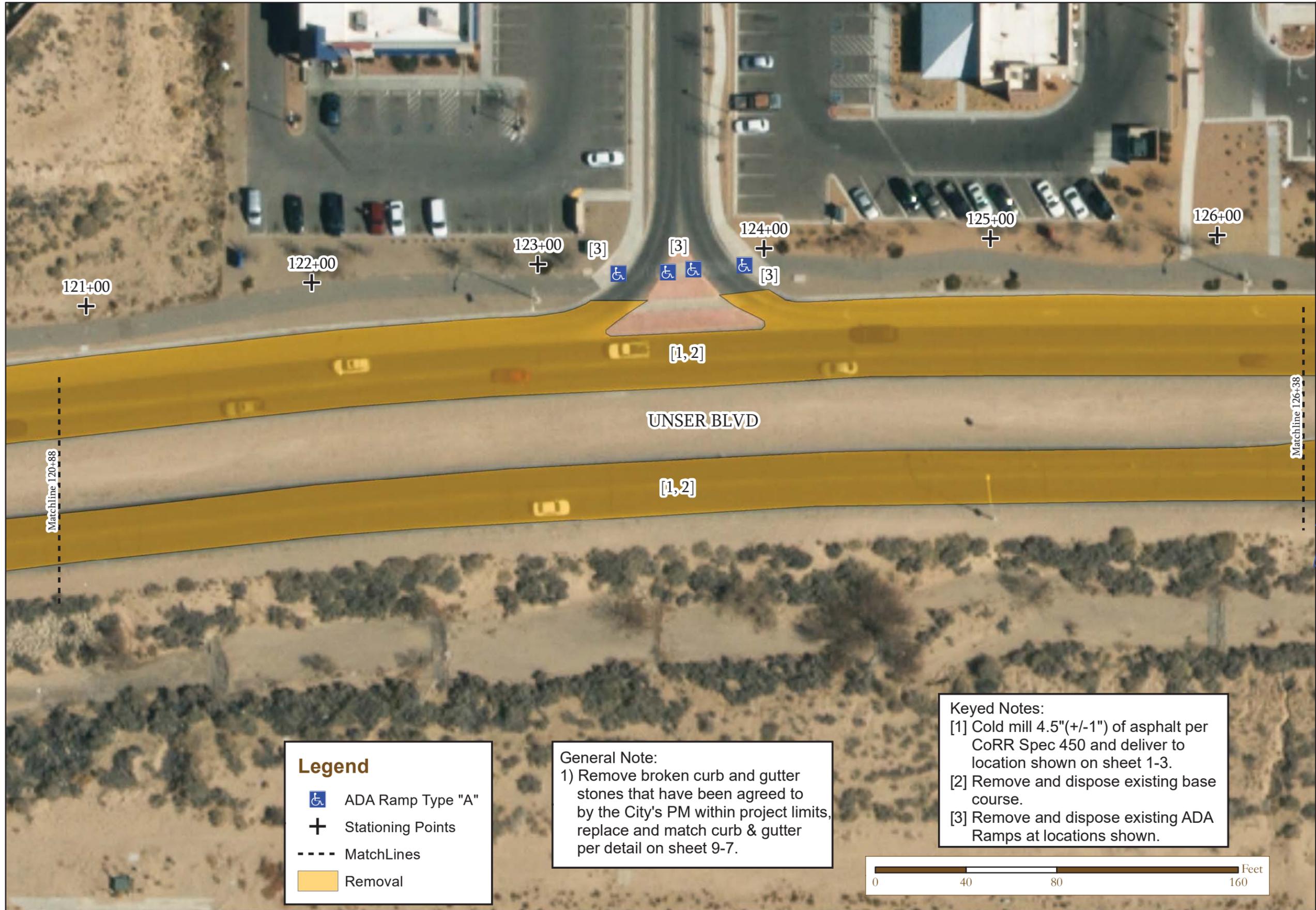


PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 1

SHEET
5 - 5



Legend

- ADA Ramp Type "A"
- Stationing Points
- MatchLines
- Removal

General Note:
1) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.

Keyed Notes:
[1] Cold mill 4.5" (+/-1") of asphalt per CoRR Spec 450 and deliver to location shown on sheet 1-3.
[2] Remove and dispose existing base course.
[3] Remove and dispose existing ADA Ramps at locations shown.



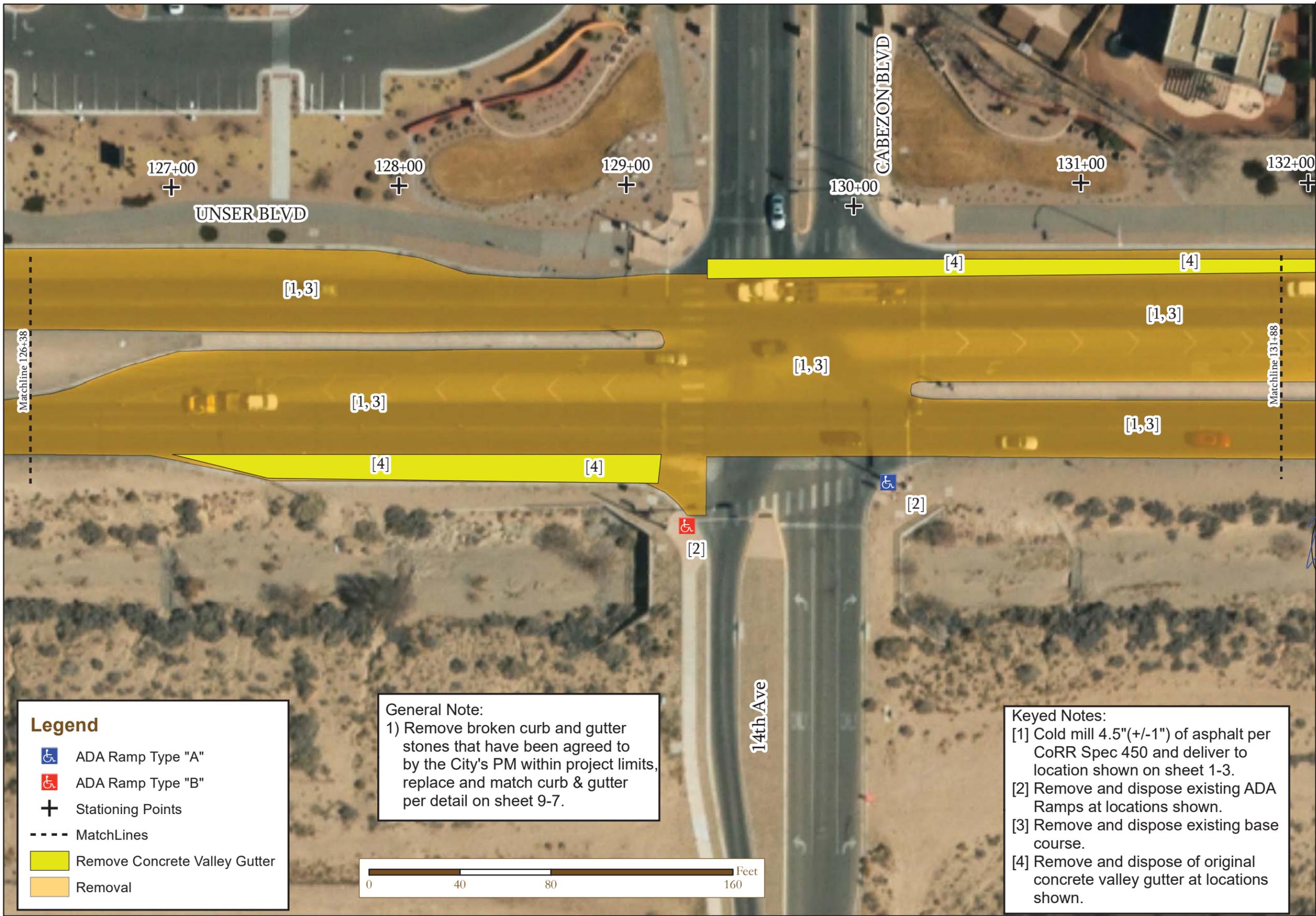


PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 1

SHEET
5 - 6



Legend

- ADA Ramp Type "A"
- ADA Ramp Type "B"
- Stationing Points
- MatchLines
- Remove Concrete Valley Gutter
- Removal

General Note:
1) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.



Keyed Notes:
[1] Cold mill 4.5" (+/-1") of asphalt per CoRR Spec 450 and deliver to location shown on sheet 1-3.
[2] Remove and dispose existing ADA Ramps at locations shown.
[3] Remove and dispose existing base course.
[4] Remove and dispose of original concrete valley gutter at locations shown.

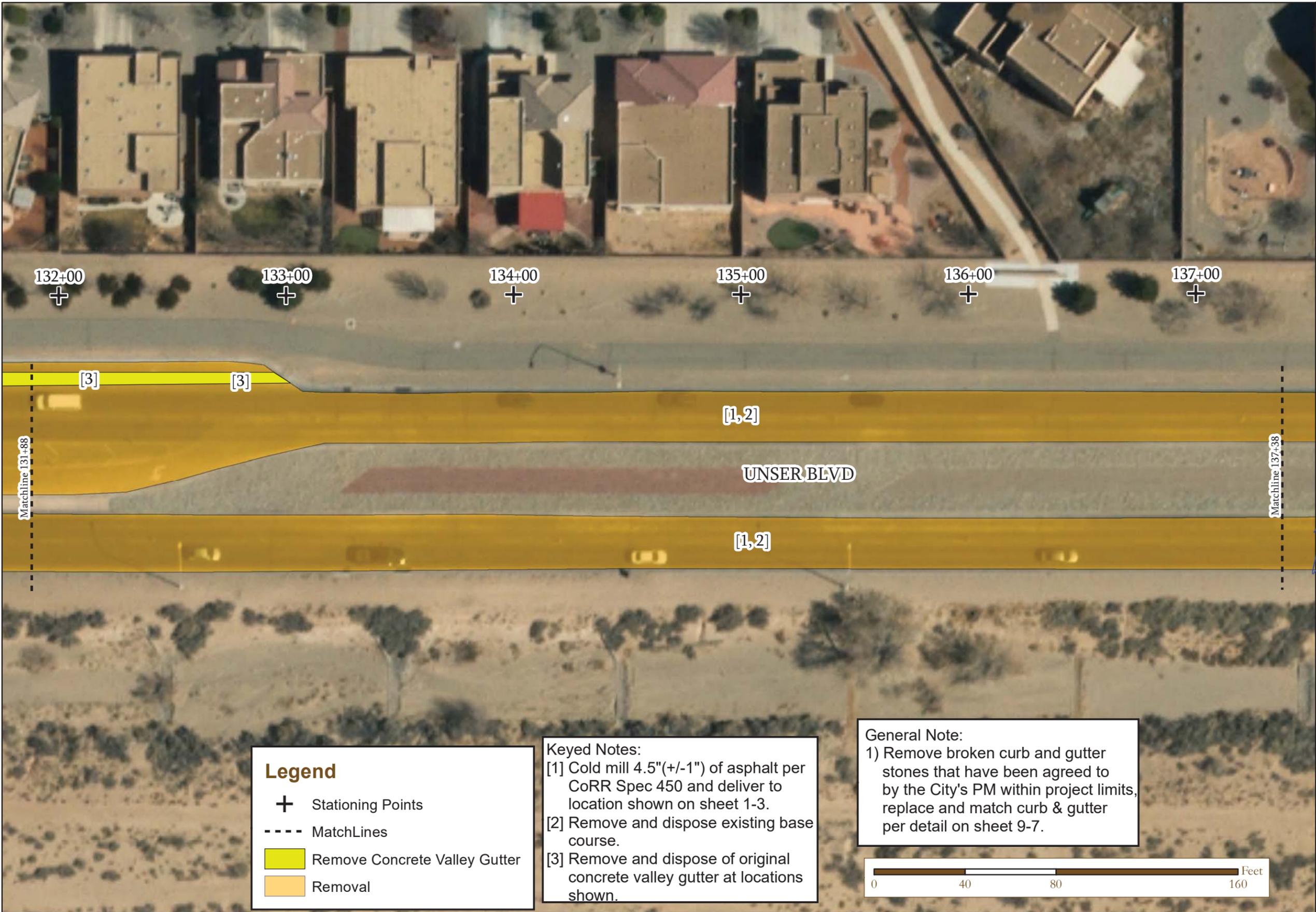


PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 1

SHEET
5 - 7



Legend

- ⊕ Stationing Points
- - - MatchLines
- Remove Concrete Valley Gutter
- Removal

Keyed Notes:

- [1] Cold mill 4.5"(+/-1") of asphalt per CoRR Spec 450 and deliver to location shown on sheet 1-3.
- [2] Remove and dispose existing base course.
- [3] Remove and dispose of original concrete valley gutter at locations shown.

General Note:

1) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.



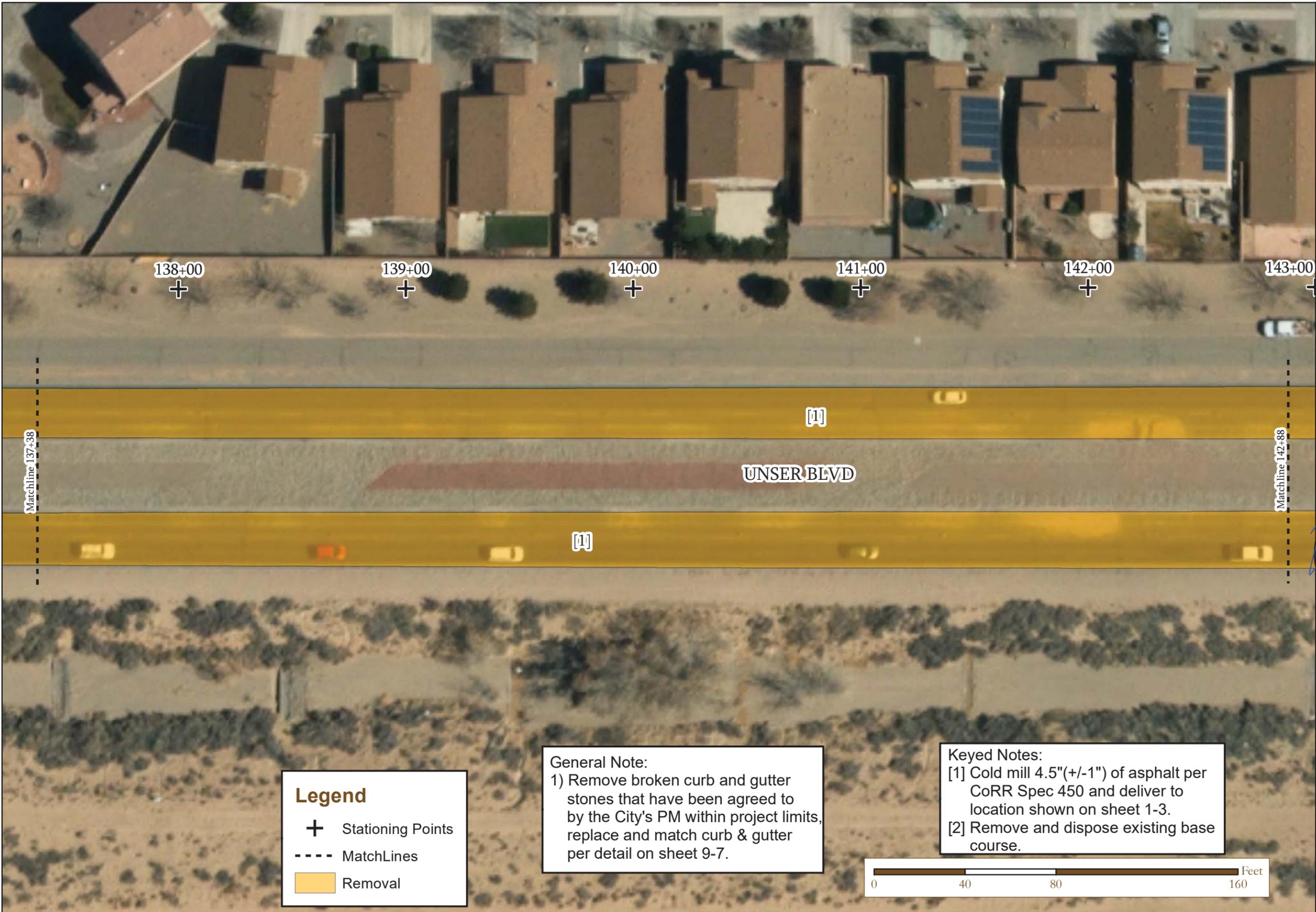


PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 1

SHEET
5 - 8



Legend

- ⊕ Stationing Points
- - - MatchLines
- Yellow Box Removal

General Note:
1) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.

Keyed Notes:
[1] Cold mill 4.5" (+/-1") of asphalt per CoRR Spec 450 and deliver to location shown on sheet 1-3.
[2] Remove and dispose existing base course.





PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 1

SHEET
5 - 9



Legend

- ✚ Stationing Points
- MatchLines
- Yellow box Removal

General Note:
1) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.

Keyed Notes:
[1] Cold mill 4.5" (+/-1") of asphalt per CoRR Spec 450 and deliver to location shown on sheet 1-3.
[2] Remove and dispose existing base course.



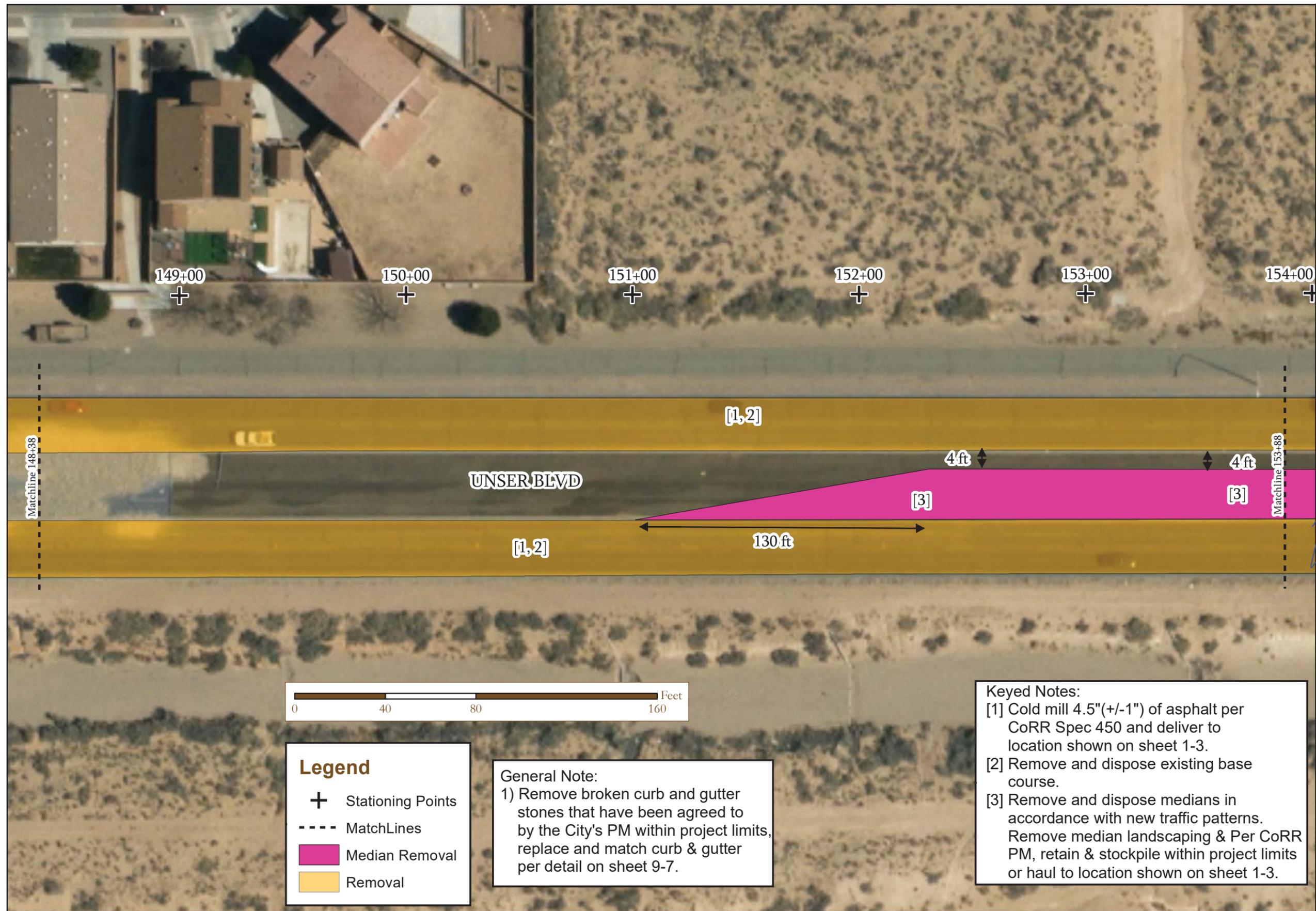


PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 1

SHEET
5 - 10



Legend

- + Stationing Points
- - - MatchLines
- Median Removal
- Removal

General Note:
1) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.

Keyed Notes:
[1] Cold mill 4.5" (+/-1") of asphalt per CoRR Spec 450 and deliver to location shown on sheet 1-3.
[2] Remove and dispose existing base course.
[3] Remove and dispose medians in accordance with new traffic patterns. Remove median landscaping & Per CoRR PM, retain & stockpile within project limits or haul to location shown on sheet 1-3.

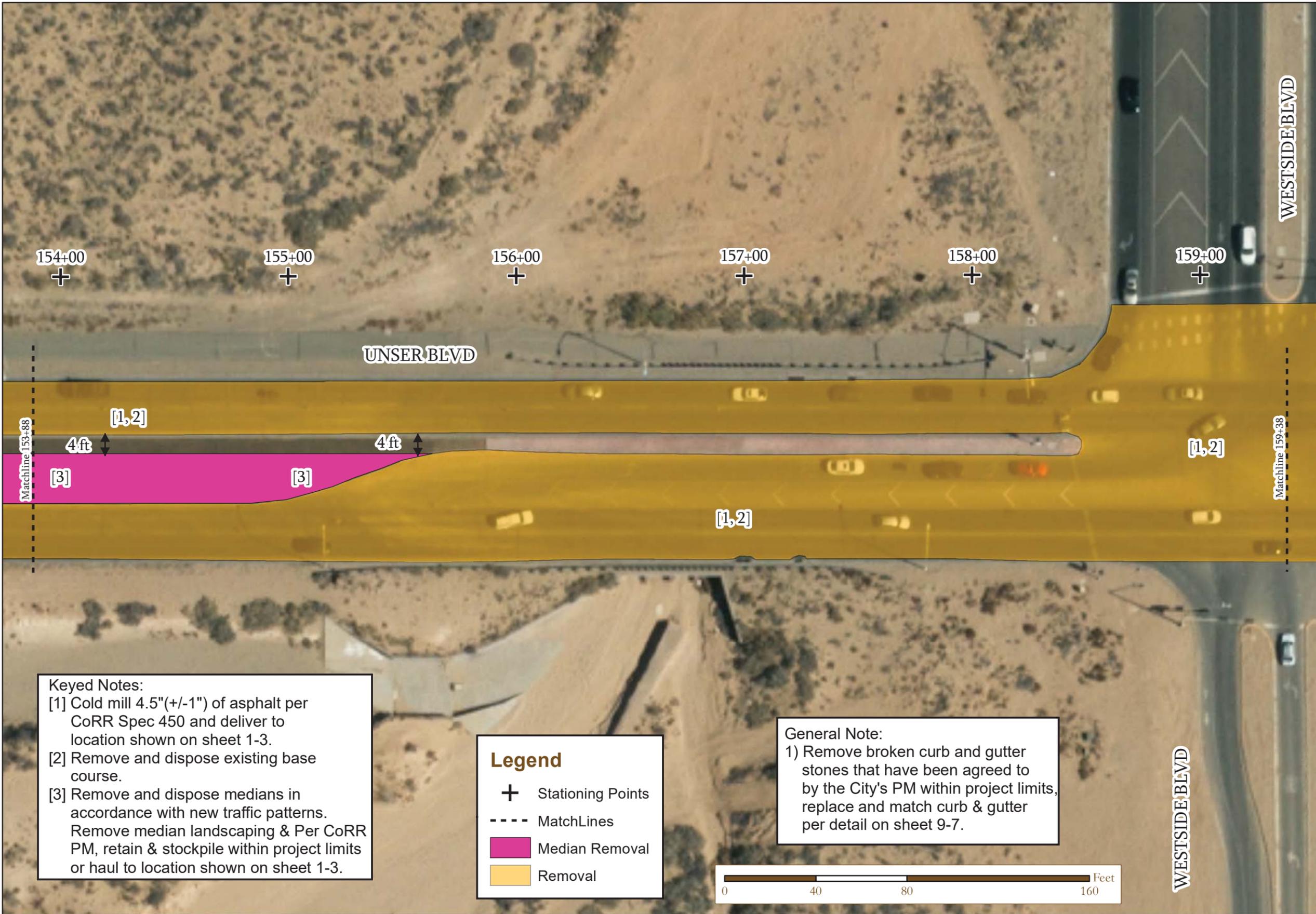


PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 1

SHEET
5 - II



Keyed Notes:
 [1] Cold mill 4.5"(+/-1") of asphalt per CoRR Spec 450 and deliver to location shown on sheet 1-3.
 [2] Remove and dispose existing base course.
 [3] Remove and dispose medians in accordance with new traffic patterns. Remove median landscaping & Per CoRR PM, retain & stockpile within project limits or haul to location shown on sheet 1-3.

Legend
 + Stationing Points
 - - - MatchLines
 [Pink Box] Median Removal
 [Yellow Box] Removal

General Note:
 1) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.



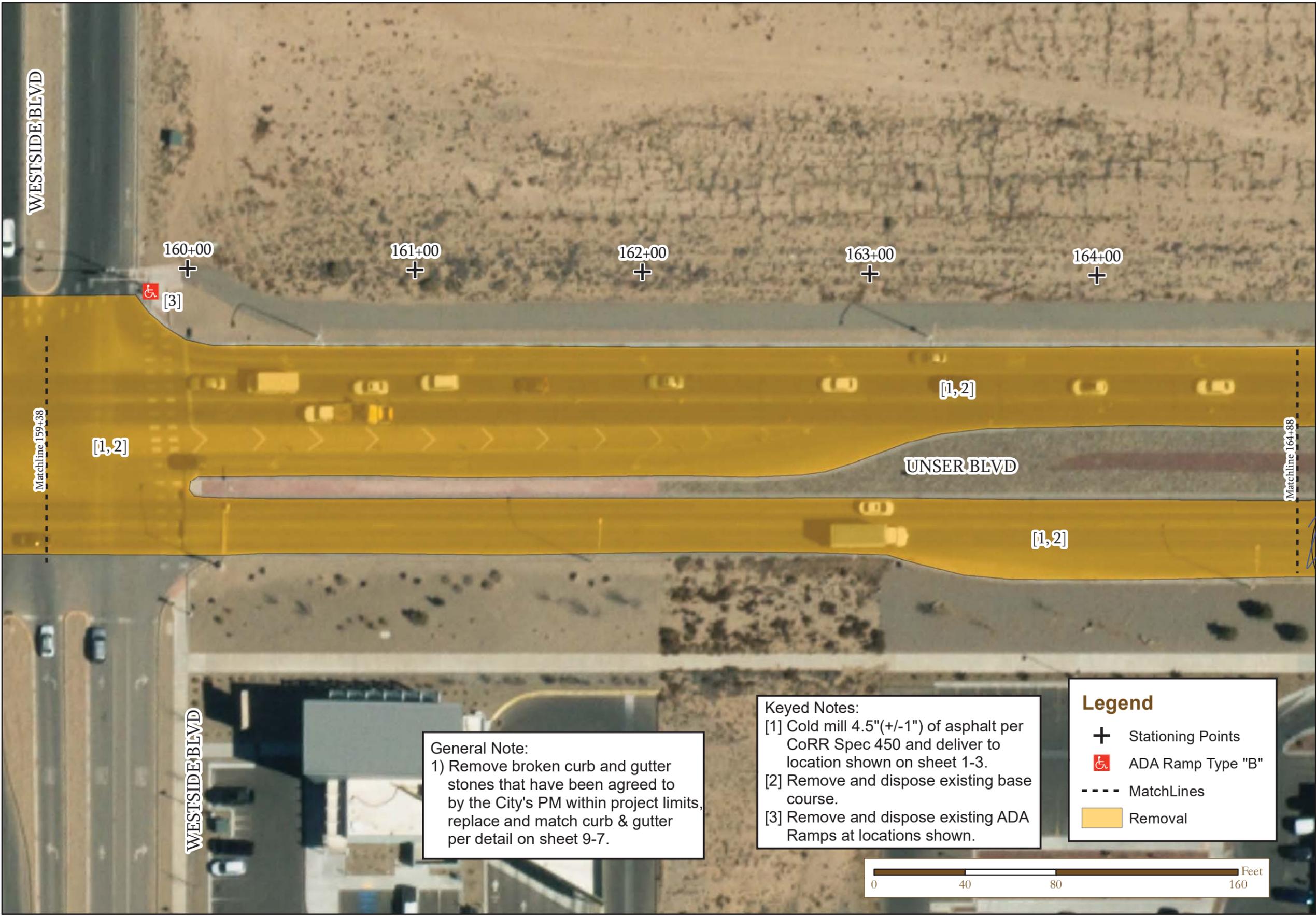


PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 1

SHEET
5 - 12



General Note:
1) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.

Keyed Notes:
[1] Cold mill 4.5" (+/- 1") of asphalt per CoRR Spec 450 and deliver to location shown on sheet 1-3.
[2] Remove and dispose existing base course.
[3] Remove and dispose existing ADA Ramps at locations shown.

Legend
+ Stationing Points
♿ ADA Ramp Type "B"
- - - MatchLines
Yellow box Removal



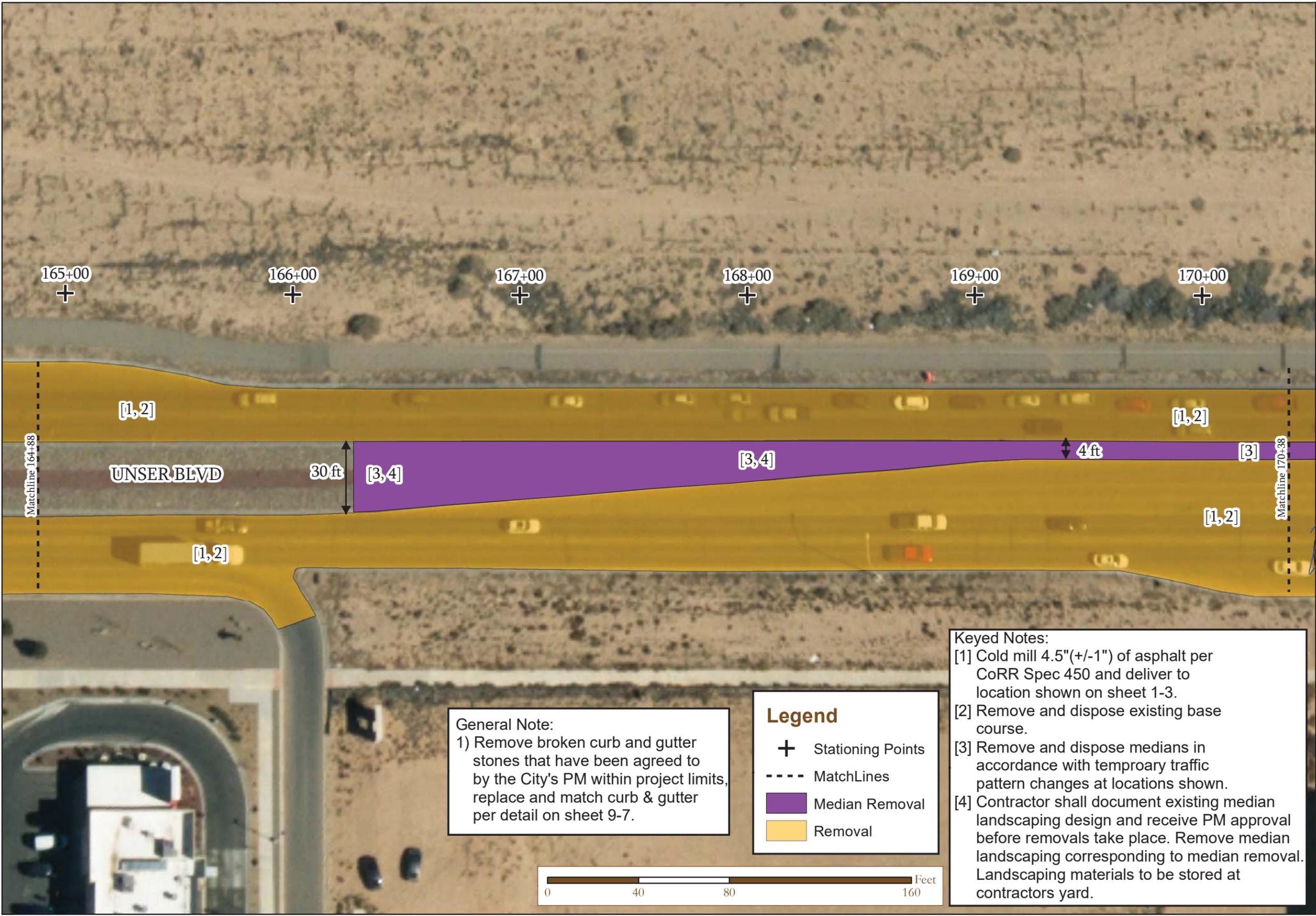


PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 1

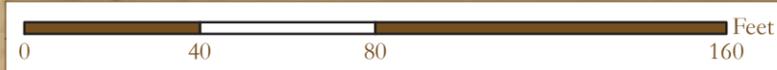
SHEET
5 - 13



General Note:
1) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.

Legend

- ⊕ Stationing Points
- - - MatchLines
- Median Removal
- Removal



Keyed Notes:
 [1] Cold mill 4.5" (+/-1") of asphalt per CoRR Spec 450 and deliver to location shown on sheet 1-3.
 [2] Remove and dispose existing base course.
 [3] Remove and dispose medians in accordance with temporary traffic pattern changes at locations shown.
 [4] Contractor shall document existing median landscaping design and receive PM approval before removals take place. Remove median landscaping corresponding to median removal. Landscaping materials to be stored at contractors yard.



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ENGINEERING DIVISION



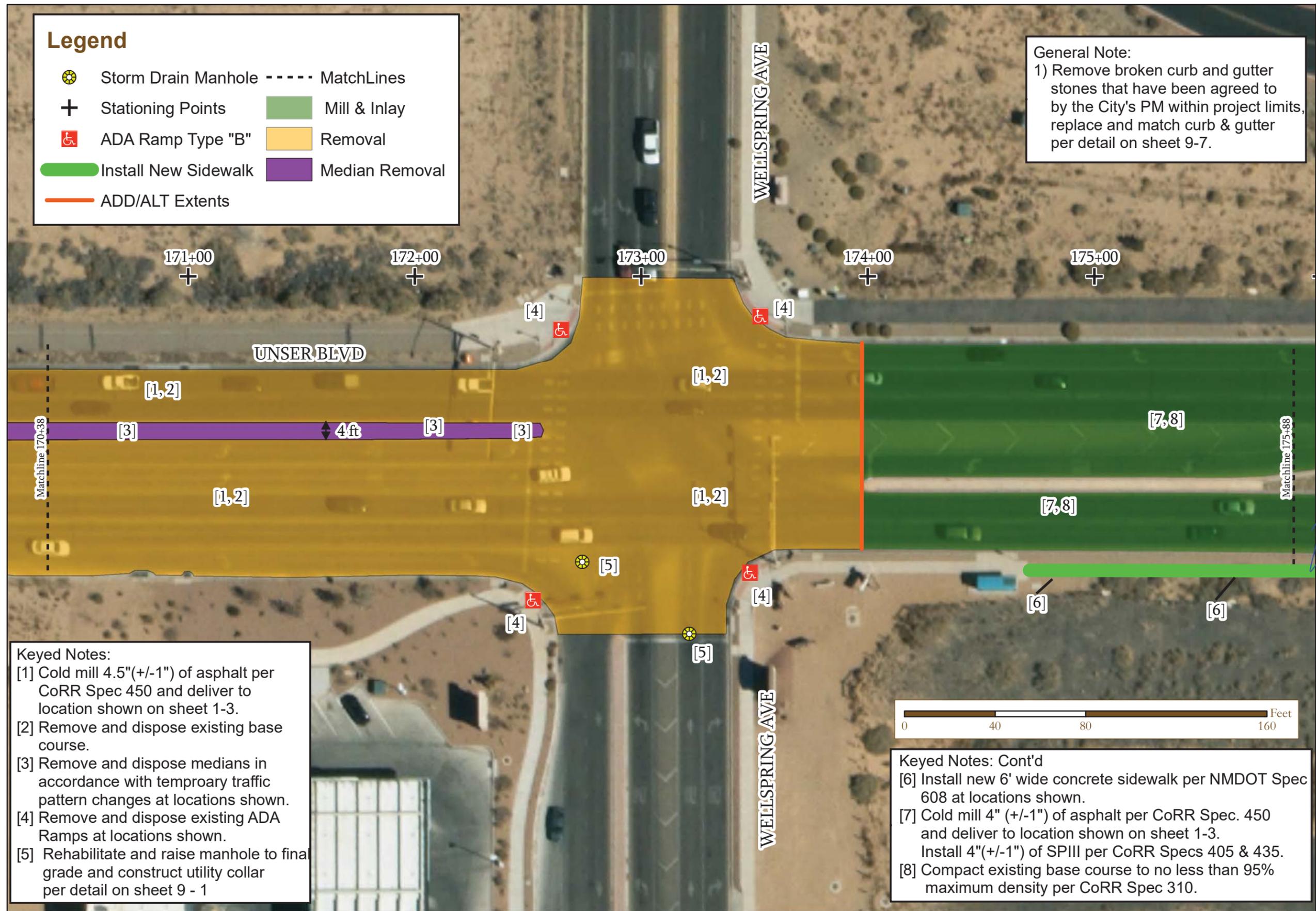
PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 1

SHEET
5 - 14

Legend

- Storm Drain Manhole
- Stationing Points
- ADA Ramp Type "B"
- Install New Sidewalk
- ADD/ALT Extents
- MatchLines
- Mill & Inlay
- Removal
- Median Removal

General Note:
1) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.



Keyed Notes:
 [1] Cold mill 4.5" (+/-1") of asphalt per CoRR Spec 450 and deliver to location shown on sheet 1-3.
 [2] Remove and dispose existing base course.
 [3] Remove and dispose medians in accordance with temporary traffic pattern changes at locations shown.
 [4] Remove and dispose existing ADA Ramps at locations shown.
 [5] Rehabilitate and raise manhole to final grade and construct utility collar per detail on sheet 9 - 1



Keyed Notes: Cont'd
 [6] Install new 6' wide concrete sidewalk per NMDOT Spec 608 at locations shown.
 [7] Cold mill 4" (+/-1") of asphalt per CoRR Spec. 450 and deliver to location shown on sheet 1-3. Install 4" (+/-1") of SPIII per CoRR Specs 405 & 435.
 [8] Compact existing base course to no less than 95% maximum density per CoRR Spec 310.



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ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 1

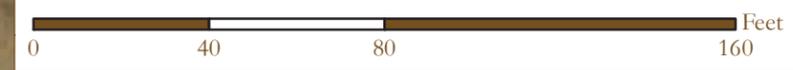
SHEET
5 - 15

General Note:
1) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.



Keyed Notes:
 [1] Cold mill 4" (+/-1") of asphalt per CoRR Spec. 450 and deliver to location shown on sheet 1-3. Install 4" (+/-1") of SPIII per CoRR Specs 405 & 435.
 [2] Compact existing base course to no less than 95% maximum density per CoRR Spec 310.
 [3] Remove and dispose of existing curb ramp and construct, at locations shown, a Type "A" single diagonal parallel curb ramp in accordance with NMDOT standard drawing 608 on sheet 9-4.
 [4] Install new 6' wide concrete sidewalk per NMDOT Spec 608 at locations shown.

Legend
 + Stationing Points
 - - - MatchLines
 ADA Ramp Type "A"
 Install New Sidewalk
 Mill and Inlay





PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



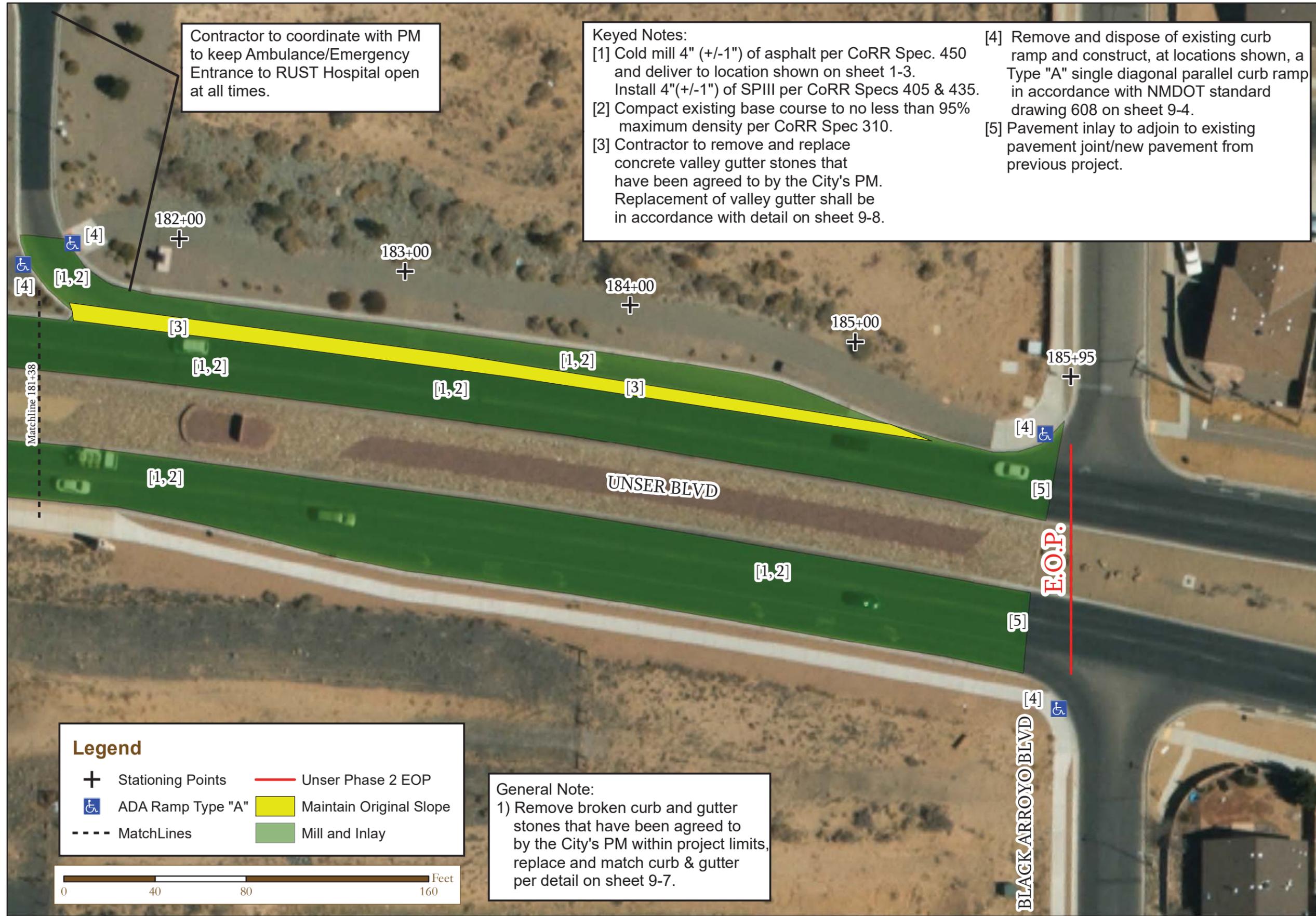
PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 1

SHEET
5 - 16

Keyed Notes:
 [1] Cold mill 4" (+/-1") of asphalt per CoRR Spec. 450 and deliver to location shown on sheet 1-3. Install 4" (+/-1") of SPIII per CoRR Specs 405 & 435.
 [2] Compact existing base course to no less than 95% maximum density per CoRR Spec 310.
 [3] Contractor to remove and replace concrete valley gutter stones that have been agreed to by the City's PM. Replacement of valley gutter shall be in accordance with detail on sheet 9-8.
 [4] Remove and dispose of existing curb ramp and construct, at locations shown, a Type "A" single diagonal parallel curb ramp in accordance with NMDOT standard drawing 608 on sheet 9-4.
 [5] Pavement inlay to adjoin to existing pavement joint/new pavement from previous project.

Contractor to coordinate with PM to keep Ambulance/Emergency Entrance to RUST Hospital open at all times.

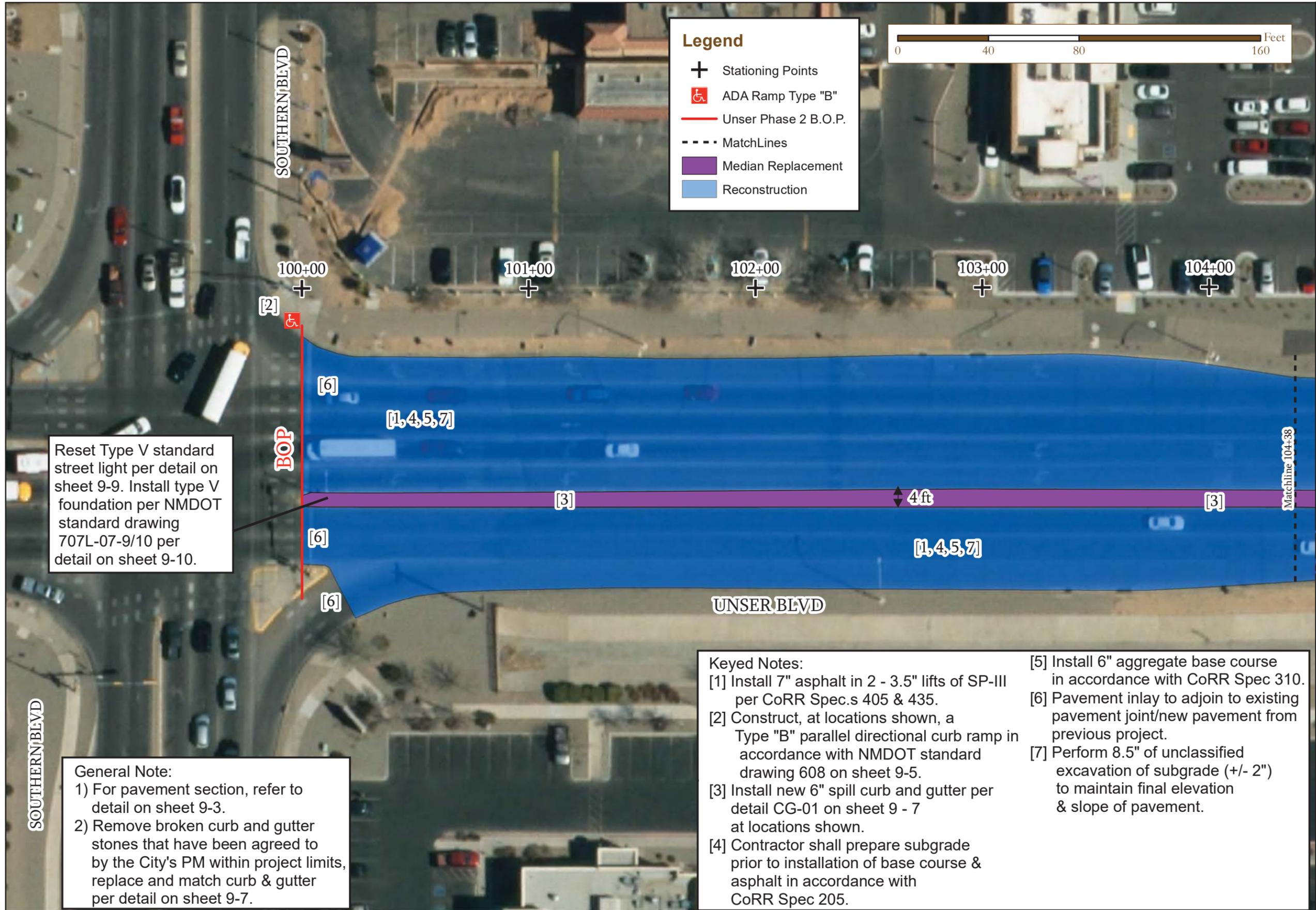
General Note:
 1) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.



Legend

+	Stationing Points	—	Unser Phase 2 EOP
♿	ADA Ramp Type "A"	■	Maintain Original Slope
- - -	MatchLines	■	Mill and Inlay





Reset Type V standard street light per detail on sheet 9-9. Install type V foundation per NMDOT standard drawing 707L-07-9/10 per detail on sheet 9-10.

General Note:
 1) For pavement section, refer to detail on sheet 9-3.
 2) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.

Legend

- + Stationing Points
- ♿ ADA Ramp Type "B"
- Unser Phase 2 B.O.P.
- - - MatchLines
- Median Replacement
- Reconstruction



PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 1

SHEET
5 - 17

- Keyed Notes:**
- [1] Install 7" asphalt in 2 - 3.5" lifts of SP-III per CoRR Spec.s 405 & 435.
 - [2] Construct, at locations shown, a Type "B" parallel directional curb ramp in accordance with NMDOT standard drawing 608 on sheet 9-5.
 - [3] Install new 6" spill curb and gutter per detail CG-01 on sheet 9 - 7 at locations shown.
 - [4] Contractor shall prepare subgrade prior to installation of base course & asphalt in accordance with CoRR Spec 205.
 - [5] Install 6" aggregate base course in accordance with CoRR Spec 310.
 - [6] Pavement inlay to adjoin to existing pavement joint/new pavement from previous project.
 - [7] Perform 8.5" of unclassified excavation of subgrade (+/- 2") to maintain final elevation & slope of pavement.



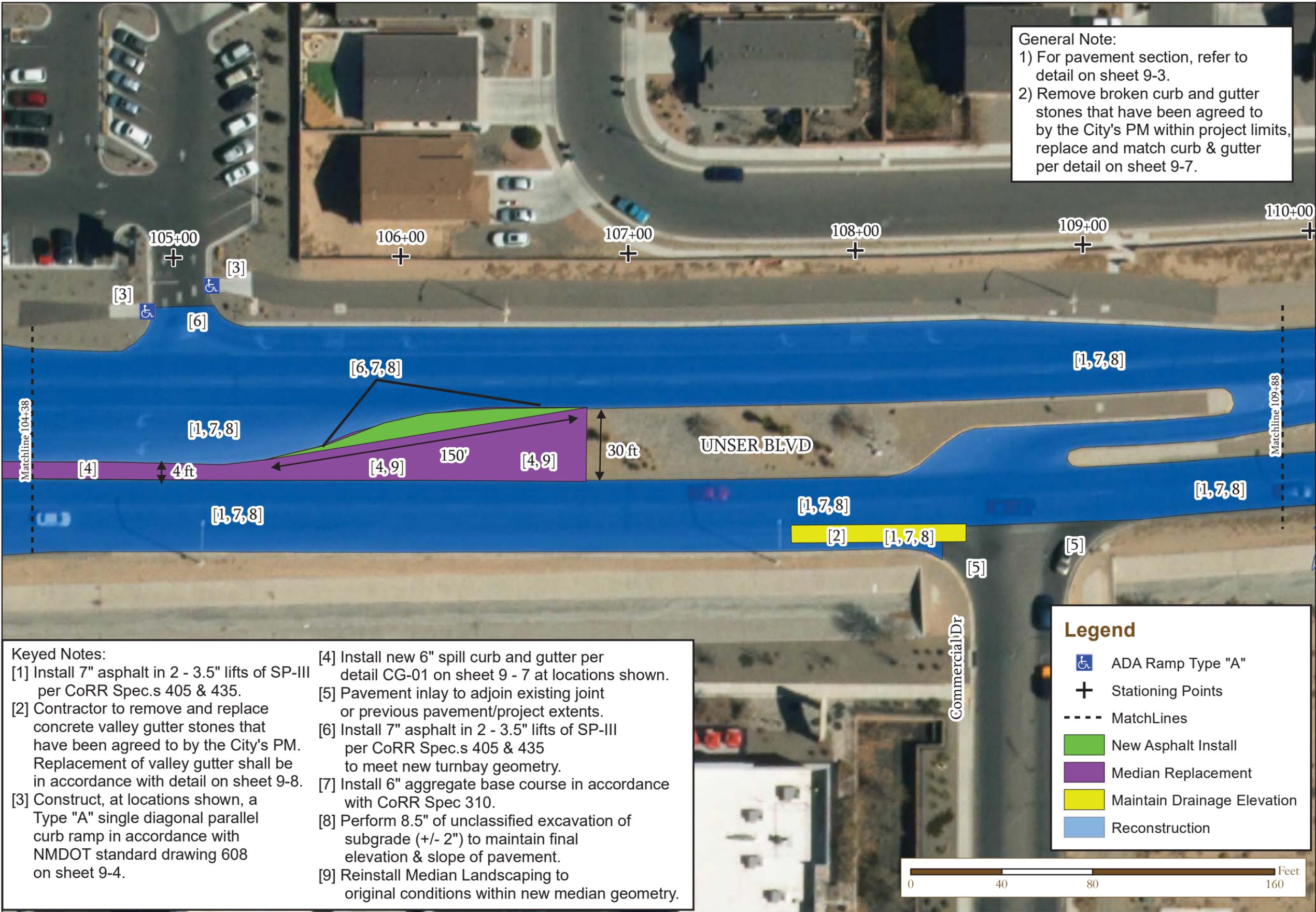
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 1

SHEET
5 - 18

General Note:
1) For pavement section, refer to detail on sheet 9-3.
2) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.



- Keyed Notes:**
- [1] Install 7" asphalt in 2 - 3.5" lifts of SP-III per CoRR Spec.s 405 & 435.
 - [2] Contractor to remove and replace concrete valley gutter stones that have been agreed to by the City's PM. Replacement of valley gutter shall be in accordance with detail on sheet 9-8.
 - [3] Construct, at locations shown, a Type "A" single diagonal parallel curb ramp in accordance with NMDOT standard drawing 608 on sheet 9-4.
 - [4] Install new 6" spill curb and gutter per detail CG-01 on sheet 9 - 7 at locations shown.
 - [5] Pavement inlay to adjoin existing joint or previous pavement/project extents.
 - [6] Install 7" asphalt in 2 - 3.5" lifts of SP-III per CoRR Spec.s 405 & 435 to meet new turnbay geometry.
 - [7] Install 6" aggregate base course in accordance with CoRR Spec 310.
 - [8] Perform 8.5" of unclassified excavation of subgrade (+/- 2") to maintain final elevation & slope of pavement.
 - [9] Reinstall Median Landscaping to original conditions within new median geometry.

Legend

- ADA Ramp Type "A"
- Stationing Points
- MatchLines
- New Asphalt Install
- Median Replacement
- Maintain Drainage Elevation
- Reconstruction





PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 1

SHEET
5 - 19



General Note:
1) For pavement section, refer to detail on sheet 9-3.
2) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.

Legend
+ Stationing Points
- - - MatchLines
[Blue Box] Reconstruction

Keyed Notes:
[1] Install 7" asphalt in 2 - 3.5" lifts of SP-III per CoRR Spec.s 405 & 435.
[2] Install 6" aggregate base course in accordance with CoRR Spec 310.
[3] Perform 8.5" of unclassified excavation of subgrade (+/- 2") to maintain final elevation & slope of pavement.



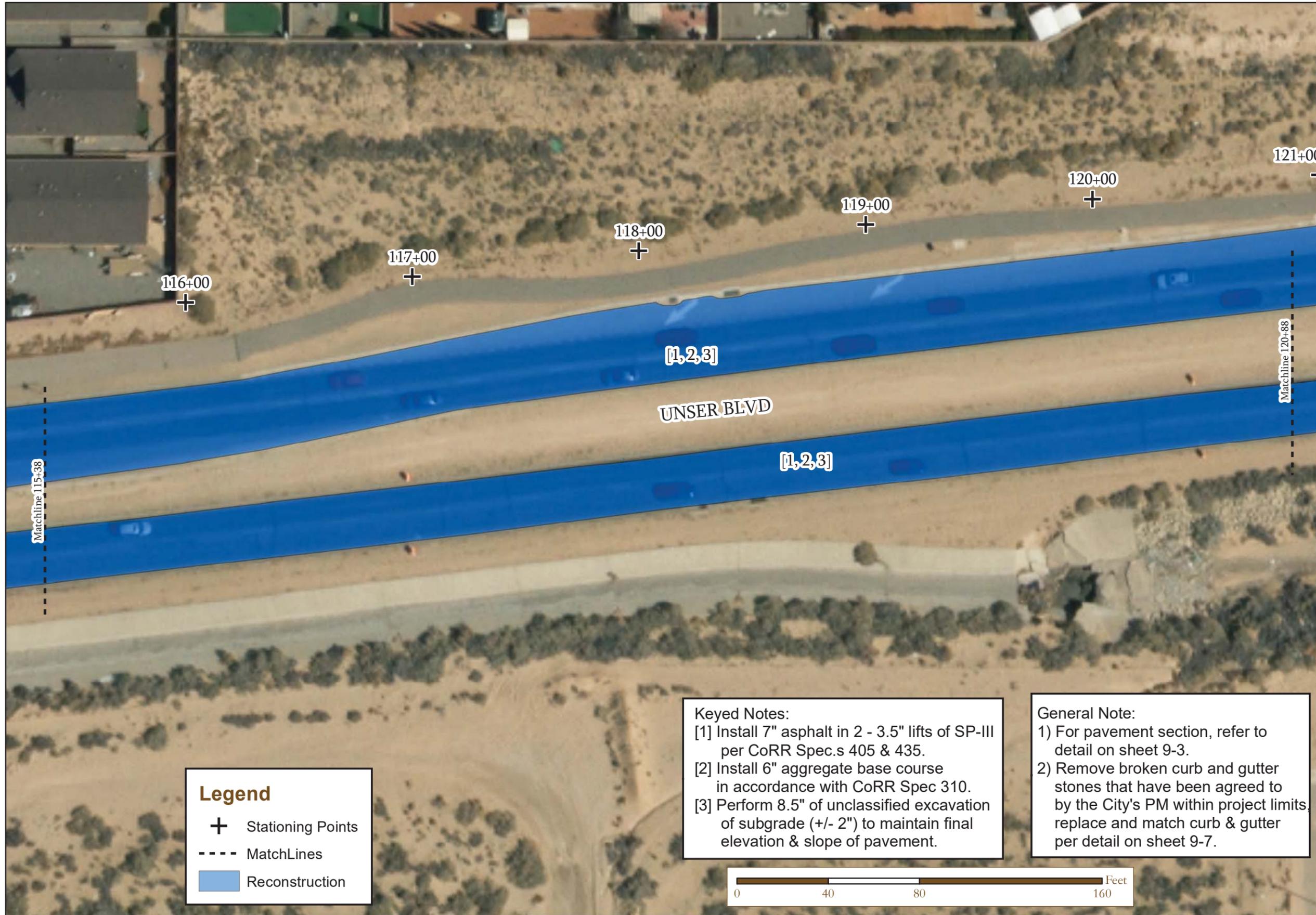


PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 1

SHEET
5 - 20



Legend

- ⊕ Stationing Points
- MatchLines
- Reconstruction

Keyed Notes:
 [1] Install 7" asphalt in 2 - 3.5" lifts of SP-III per CoRR Spec.s 405 & 435.
 [2] Install 6" aggregate base course in accordance with CoRR Spec 310.
 [3] Perform 8.5" of unclassified excavation of subgrade (+/- 2") to maintain final elevation & slope of pavement.

General Note:
 1) For pavement section, refer to detail on sheet 9-3.
 2) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.



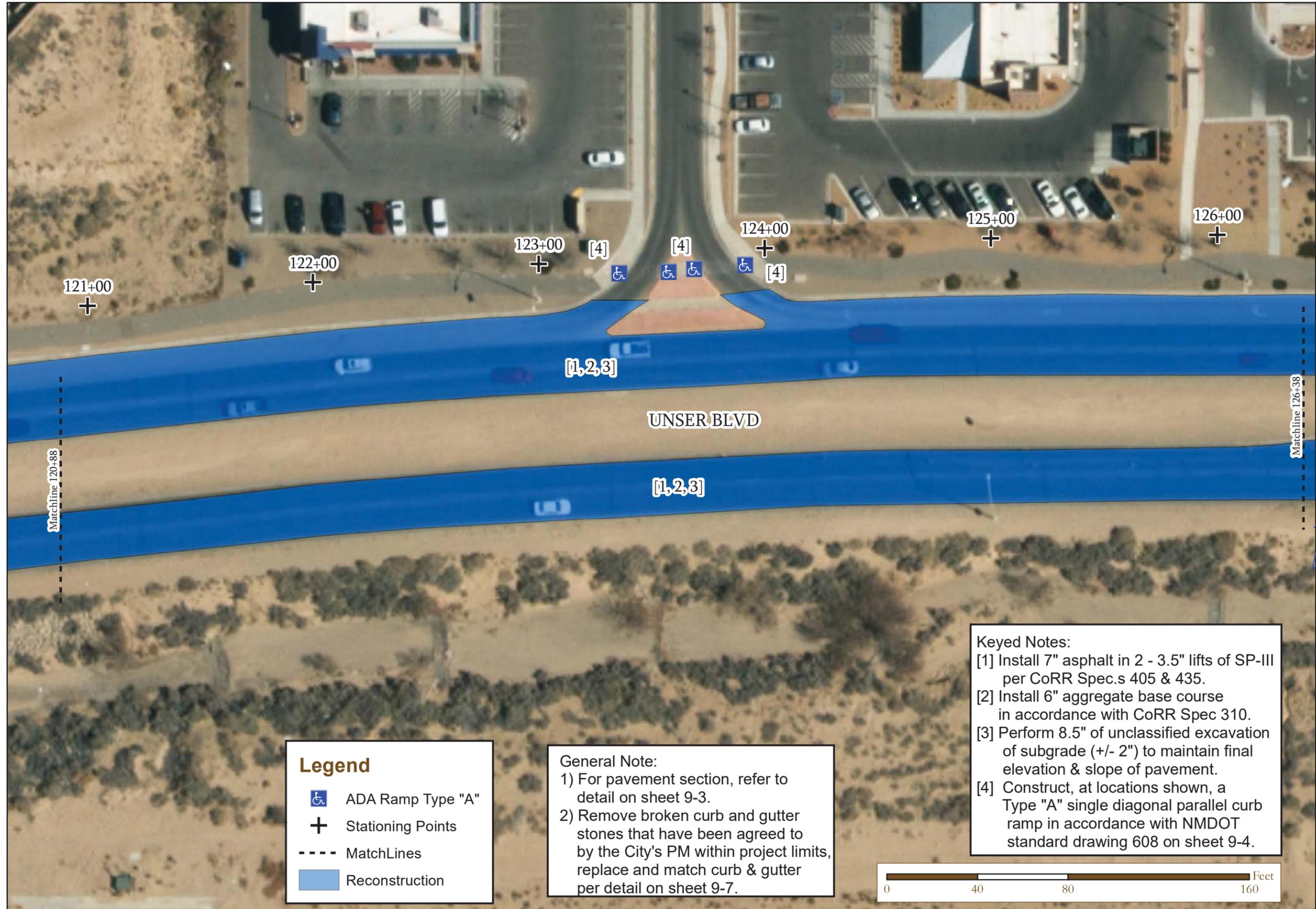


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ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 1

SHEET
5 - 21



Legend

- ADA Ramp Type "A"
- Stationing Points
- MatchLines
- Reconstruction

General Note:

- 1) For pavement section, refer to detail on sheet 9-3.
- 2) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.

Keyed Notes:

- [1] Install 7" asphalt in 2 - 3.5" lifts of SP-III per CoRR Spec.s 405 & 435.
- [2] Install 6" aggregate base course in accordance with CoRR Spec 310.
- [3] Perform 8.5" of unclassified excavation of subgrade (+/- 2") to maintain final elevation & slope of pavement.
- [4] Construct, at locations shown, a Type "A" single diagonal parallel curb ramp in accordance with NMDOT standard drawing 608 on sheet 9-4.





PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 1

SHEET
5 - 22



Legend

- ADA Ramp Type "A"
- ADA Ramp Type "B"
- Stationing Points
- MatchLines
- Maintain Original Slope
- Reconstruction

General Note:

- 1) For pavement section, refer to detail on sheet 9-3.
- 2) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.



- Keyed Notes:**
- [1] Install 7" asphalt in 2 - 3.5" lifts of SP-III per CoRR Spec.s 405 & 435.
 - [2] Install 6" aggregate base course in accordance with CoRR Spec 310.
 - [3] Perform 8.5" of unclassified excavation of subgrade (+/- 2") to maintain final elevation & slope of pavement.
 - [4] Contractor to remove and replace concrete valley gutter stones that have been agreed to by the City's PM. Replacement of valley gutter shall be in accordance with detail on sheet 9-8.
 - [5] Construct, at locations shown, a Type "A" single diagonal parallel curb ramp in accordance with NMDOT standard drawing 608 on sheet 9-4.
 - [6] Construct, at locations shown, a Type "B" parallel directional curb ramp in accordance with NMDOT standard drawing 608 on sheet 9-5.
 - [7] Pavement inlay to adjoin to existing pavement joint/new pavement from previous project.



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ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 1

SHEET
5 - 23

Legend

- + Stationing Points
- - - MatchLines
- Yellow box Maintain Original Slope
- Blue box Reconstruction

Keyed Notes:

- [1] Install 7" asphalt in 2 - 3.5" lifts of SP-III per CoRR Spec.s 405 & 435.
- [2] Install 6" aggregate base course in accordance with CoRR Spec 310.
- [3] Perform 8.5" of unclassified excavation of subgrade (+/- 2") to maintain final elevation & slope of pavement.
- [4] Contractor to remove and replace concrete valley gutter stones that have been agreed to by the City's PM. Replacement of valley gutter shall be in accordance with detail on sheet 9-8.

General Note:

- 1) For pavement section, refer to detail on sheet 9-3.
- 2) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.

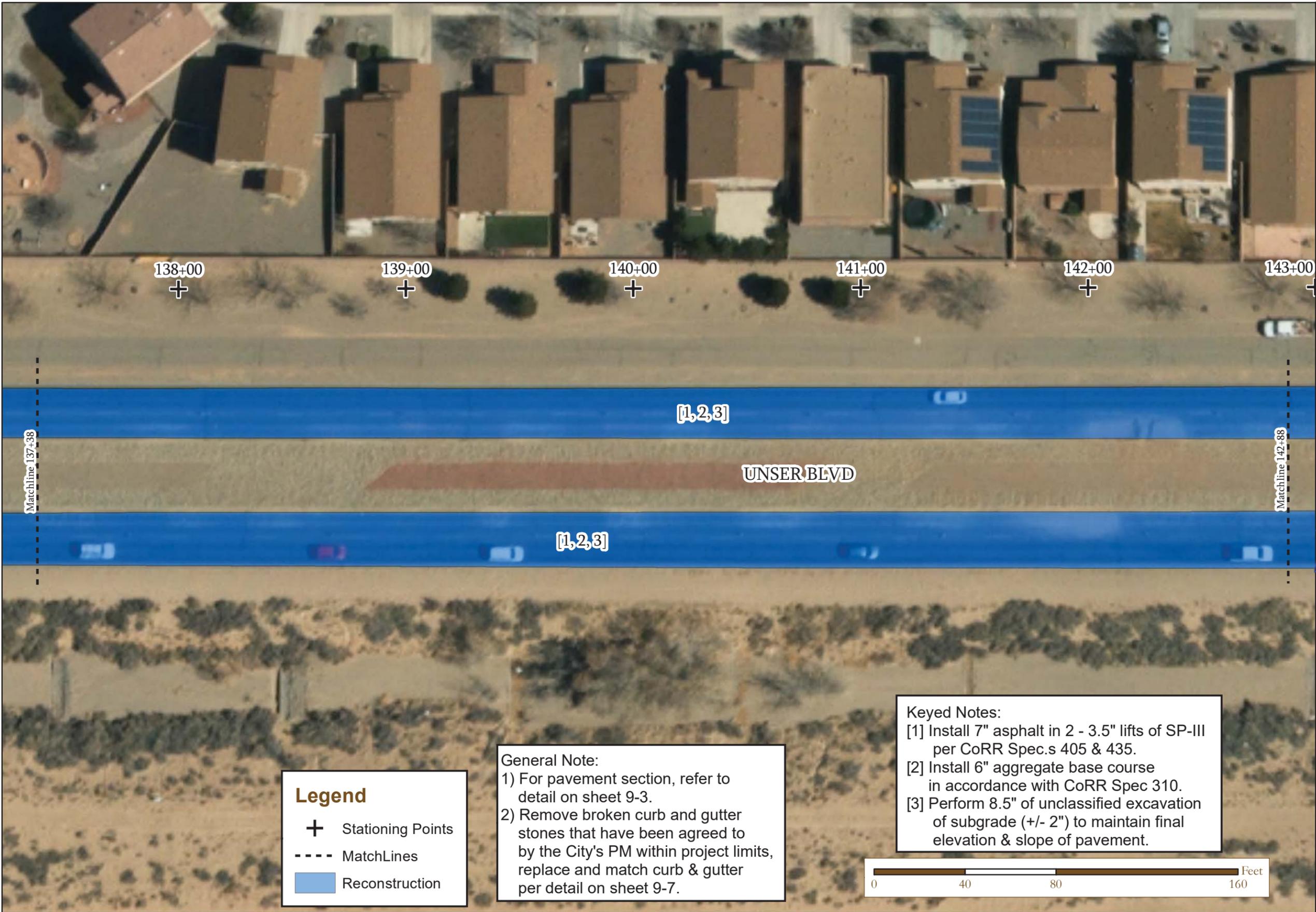


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ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 1

SHEET
5 - 24



Legend

- + Stationing Points
- - - MatchLines
- Reconstruction

General Note:
 1) For pavement section, refer to detail on sheet 9-3.
 2) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.

Keyed Notes:
 [1] Install 7" asphalt in 2 - 3.5" lifts of SP-III per CoRR Spec.s 405 & 435.
 [2] Install 6" aggregate base course in accordance with CoRR Spec 310.
 [3] Perform 8.5" of unclassified excavation of subgrade (+/- 2") to maintain final elevation & slope of pavement.





PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 1

SHEET
5 - 25



Legend

- Stationing Points
- MatchLines
- Reconstruction

General Note:

- 1) For pavement section, refer to detail on sheet 9-3.
- 2) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.

Keyed Notes:

- [1] Install 7" asphalt in 2 - 3.5" lifts of SP-III per CoRR Spec.s 405 & 435.
- [2] Install 6" aggregate base course in accordance with CoRR Spec 310.
- [3] Perform 8.5" of unclassified excavation of subgrade (+/- 2") to maintain final elevation & slope of pavement.



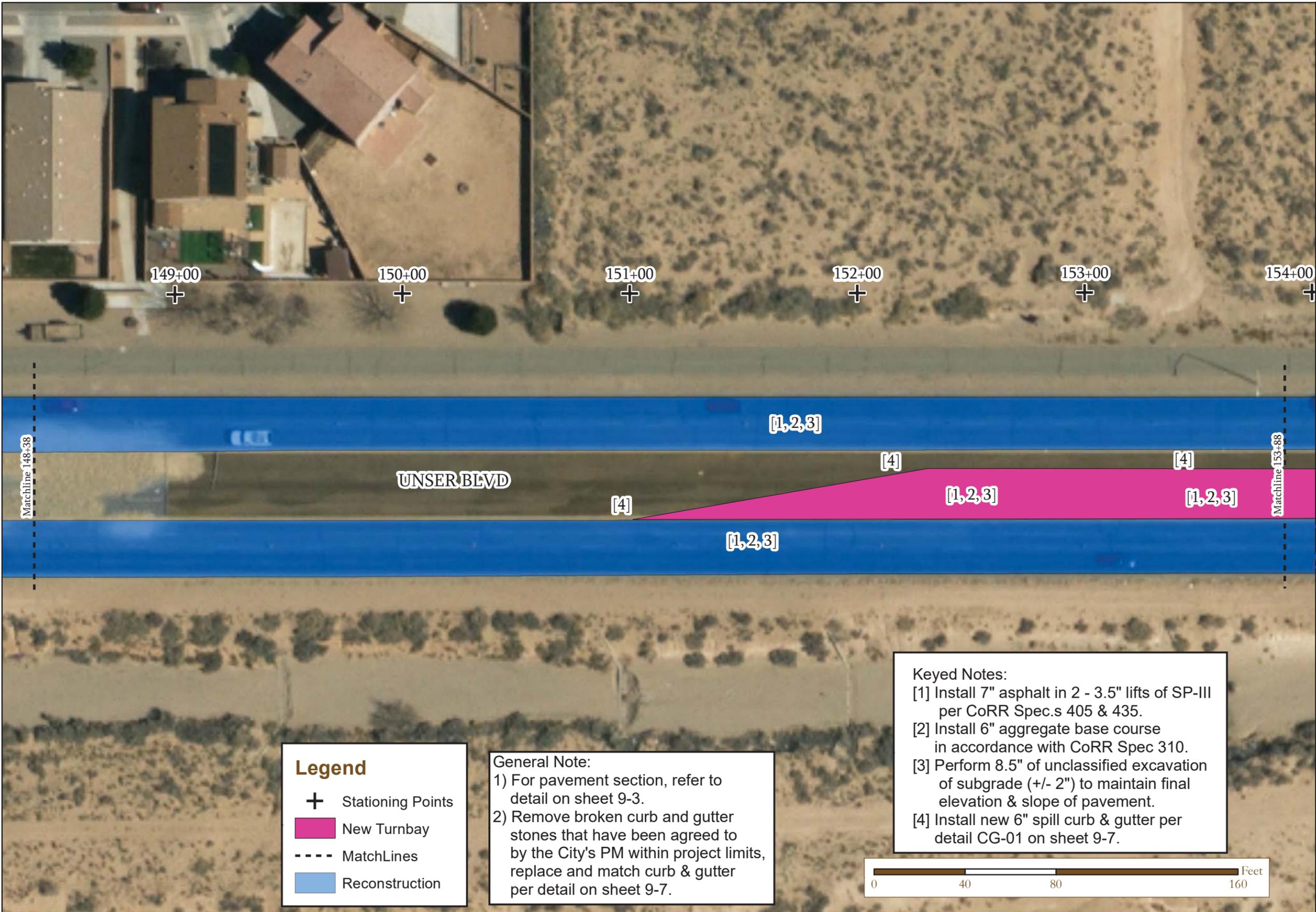


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ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 1

SHEET
5 - 26



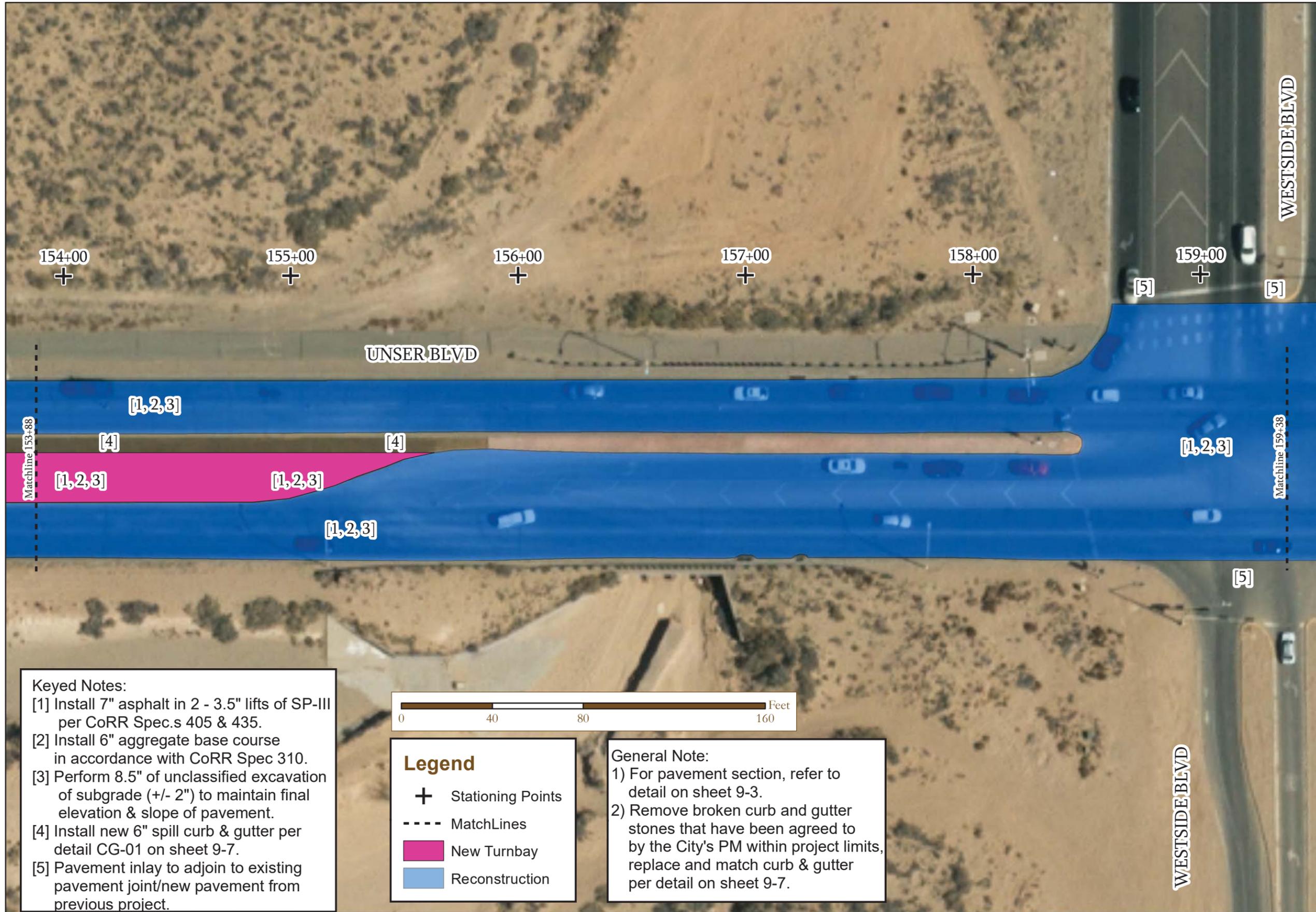
Legend

- Stationing Points
- New Turnbay
- MatchLines
- Reconstruction

General Note:
 1) For pavement section, refer to detail on sheet 9-3.
 2) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.

Keyed Notes:
 [1] Install 7" asphalt in 2 - 3.5" lifts of SP-III per CoRR Spec.s 405 & 435.
 [2] Install 6" aggregate base course in accordance with CoRR Spec 310.
 [3] Perform 8.5" of unclassified excavation of subgrade (+/- 2") to maintain final elevation & slope of pavement.
 [4] Install new 6" spill curb & gutter per detail CG-01 on sheet 9-7.





Keyed Notes:

- [1] Install 7" asphalt in 2 - 3.5" lifts of SP-III per CoRR Spec.s 405 & 435.
- [2] Install 6" aggregate base course in accordance with CoRR Spec 310.
- [3] Perform 8.5" of unclassified excavation of subgrade (+/- 2") to maintain final elevation & slope of pavement.
- [4] Install new 6" spill curb & gutter per detail CG-01 on sheet 9-7.
- [5] Pavement inlay to adjoin to existing pavement joint/new pavement from previous project.



Legend

- + Stationing Points
- - - MatchLines
- New Turnbay
- Reconstruction

General Note:

- 1) For pavement section, refer to detail on sheet 9-3.
- 2) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.



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ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 1

SHEET
5 - 27



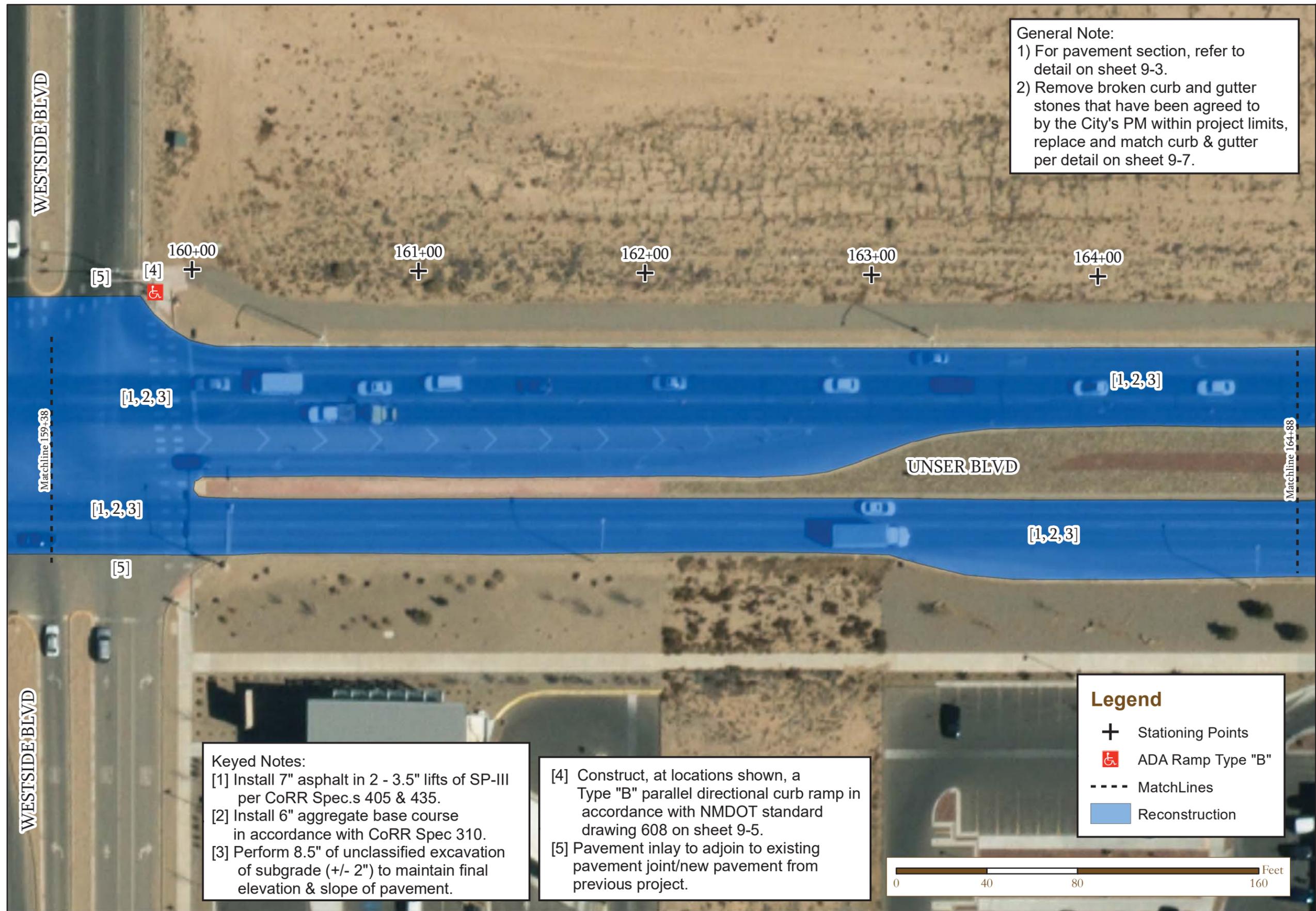
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 1

SHEET
5 - 28

General Note:
1) For pavement section, refer to detail on sheet 9-3.
2) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.



Keyed Notes:
[1] Install 7" asphalt in 2 - 3.5" lifts of SP-III per CoRR Spec.s 405 & 435.
[2] Install 6" aggregate base course in accordance with CoRR Spec 310.
[3] Perform 8.5" of unclassified excavation of subgrade (+/- 2") to maintain final elevation & slope of pavement.

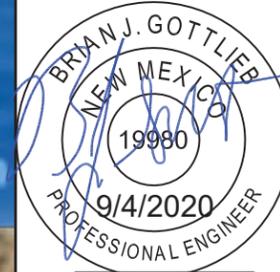
[4] Construct, at locations shown, a Type "B" parallel directional curb ramp in accordance with NMDOT standard drawing 608 on sheet 9-5.
[5] Pavement inlay to adjoin to existing pavement joint/new pavement from previous project.

Legend
+ Stationing Points
♿ ADA Ramp Type "B"
- - - MatchLines
[Blue Box] Reconstruction





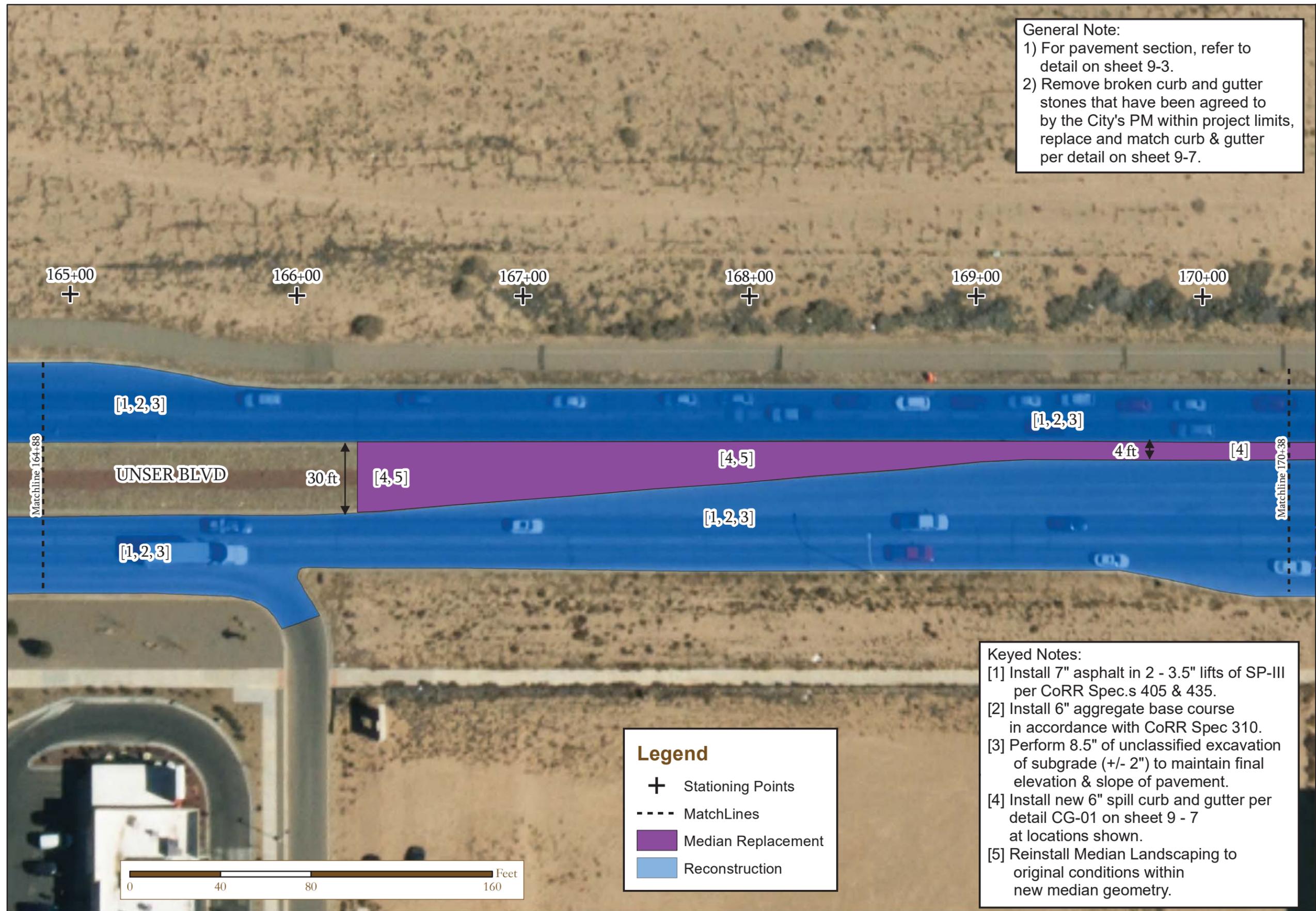
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 1

SHEET
5 - 29

General Note:
1) For pavement section, refer to detail on sheet 9-3.
2) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.



Legend

- ⊕ Stationing Points
- - - MatchLines
- Median Replacement
- Reconstruction

Keyed Notes:
[1] Install 7" asphalt in 2 - 3.5" lifts of SP-III per CoRR Spec.s 405 & 435.
[2] Install 6" aggregate base course in accordance with CoRR Spec 310.
[3] Perform 8.5" of unclassified excavation of subgrade (+/- 2") to maintain final elevation & slope of pavement.
[4] Install new 6" spill curb and gutter per detail CG-01 on sheet 9 - 7 at locations shown.
[5] Reinstall Median Landscaping to original conditions within new median geometry.

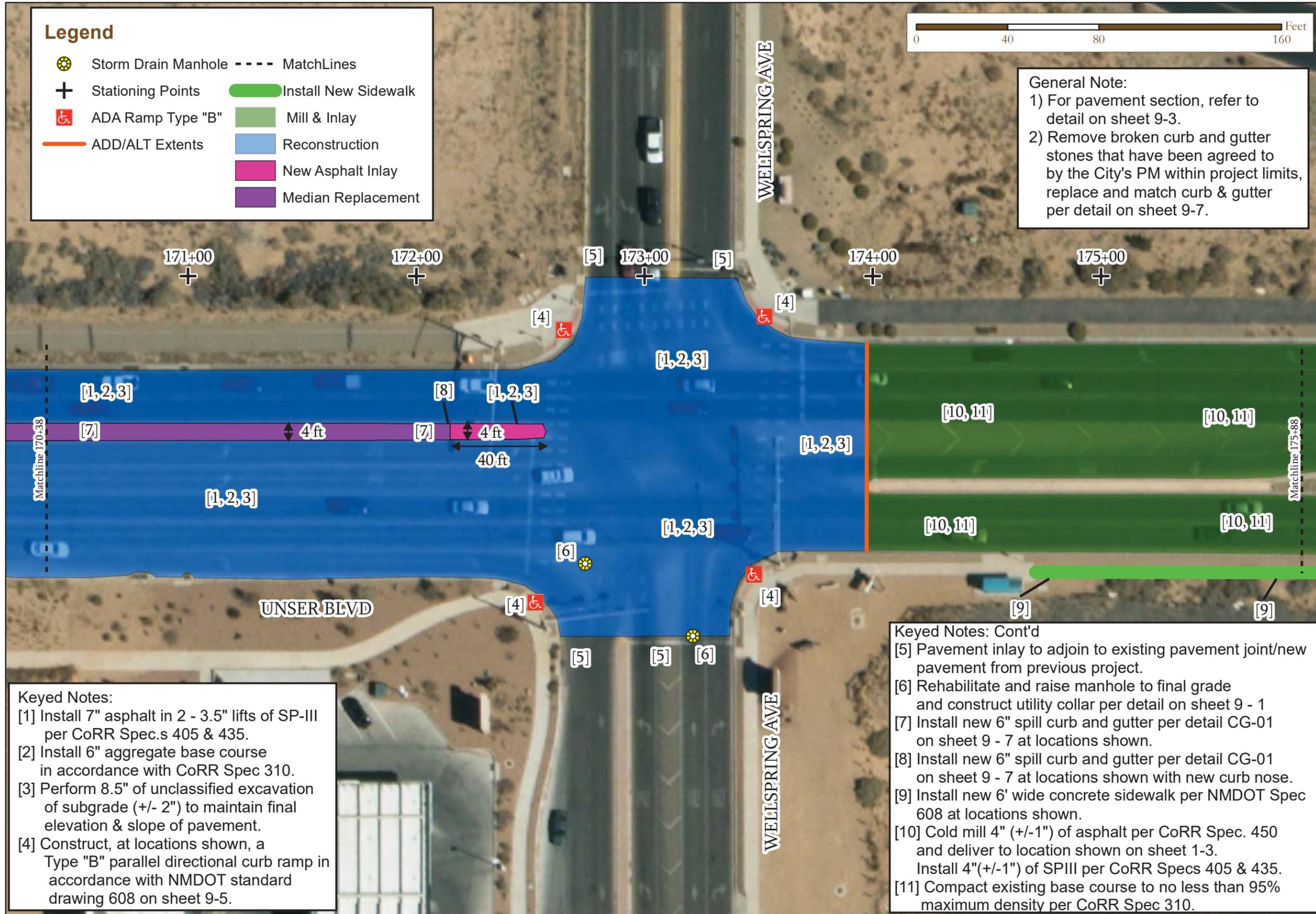


Legend

-  Storm Drain Manhole
-  MatchLines
-  Stationing Points
-  Install New Sidewalk
-  ADA Ramp Type "B"
-  Mill & Inlay
-  ADD/ALT Extents
-  Reconstruction
-  New Asphalt Inlay
-  Median Replacement



General Note:
 1) For pavement section, refer to detail on sheet 9-3.
 2) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.



Keyed Notes:
 [1] Install 7" asphalt in 2 - 3.5" lifts of SP-III per CoRR Spec.s 405 & 435.
 [2] Install 6" aggregate base course in accordance with CoRR Spec 310.
 [3] Perform 8.5" of unclassified excavation of subgrade (+/- 2") to maintain final elevation & slope of pavement.
 [4] Construct, at locations shown, a Type "B" parallel directional curb ramp in accordance with NMDOT standard drawing 608 on sheet 9-5.

Keyed Notes: Cont'd
 [5] Pavement inlay to adjoin to existing pavement joint/new pavement from previous project.
 [6] Rehabilitate and raise manhole to final grade and construct utility collar per detail on sheet 9 - 1
 [7] Install new 6" spill curb and gutter per detail CG-01 on sheet 9 - 7 at locations shown.
 [8] Install new 6" spill curb and gutter per detail CG-01 on sheet 9 - 7 at locations shown with new curb nose.
 [9] Install new 6' wide concrete sidewalk per NMDOT Spec 608 at locations shown.
 [10] Cold mill 4" (+/-1") of asphalt per CoRR Spec. 450 and deliver to location shown on sheet 1-3.
 Install 4" (+/-1") of SPIII per CoRR Specs 405 & 435.
 [11] Compact existing base course to no less than 95% maximum density per CoRR Spec 310.



PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 1

SHEET
5 - 30



PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 1

SHEET
5 - 31

General Notes:
1) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.



Keyed Notes:
 [1] Cold mill 4" (+/-1") of asphalt per CoRR Spec. 450 and deliver to location shown on sheet 1-3. Install 4" (+/-1") of SPIII per CoRR Specs 405 & 435.
 [2] Compact existing base course to no less than 95% maximum density per CoRR Spec 310.
 [3] Remove and dispose of existing curb ramp and construct, at locations shown, a Type "A" single diagonal parallel curb ramp in accordance with NMDOT standard drawing 608 on sheet 9-4.
 [4] Install new 6' wide concrete sidewalk per NMDOT Spec 608 at locations shown.

Legend

- Stationing Points
- MatchLines
- ADA Ramp Type "A"
- Install New Sidewalk
- Mill and Inlay



PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 1

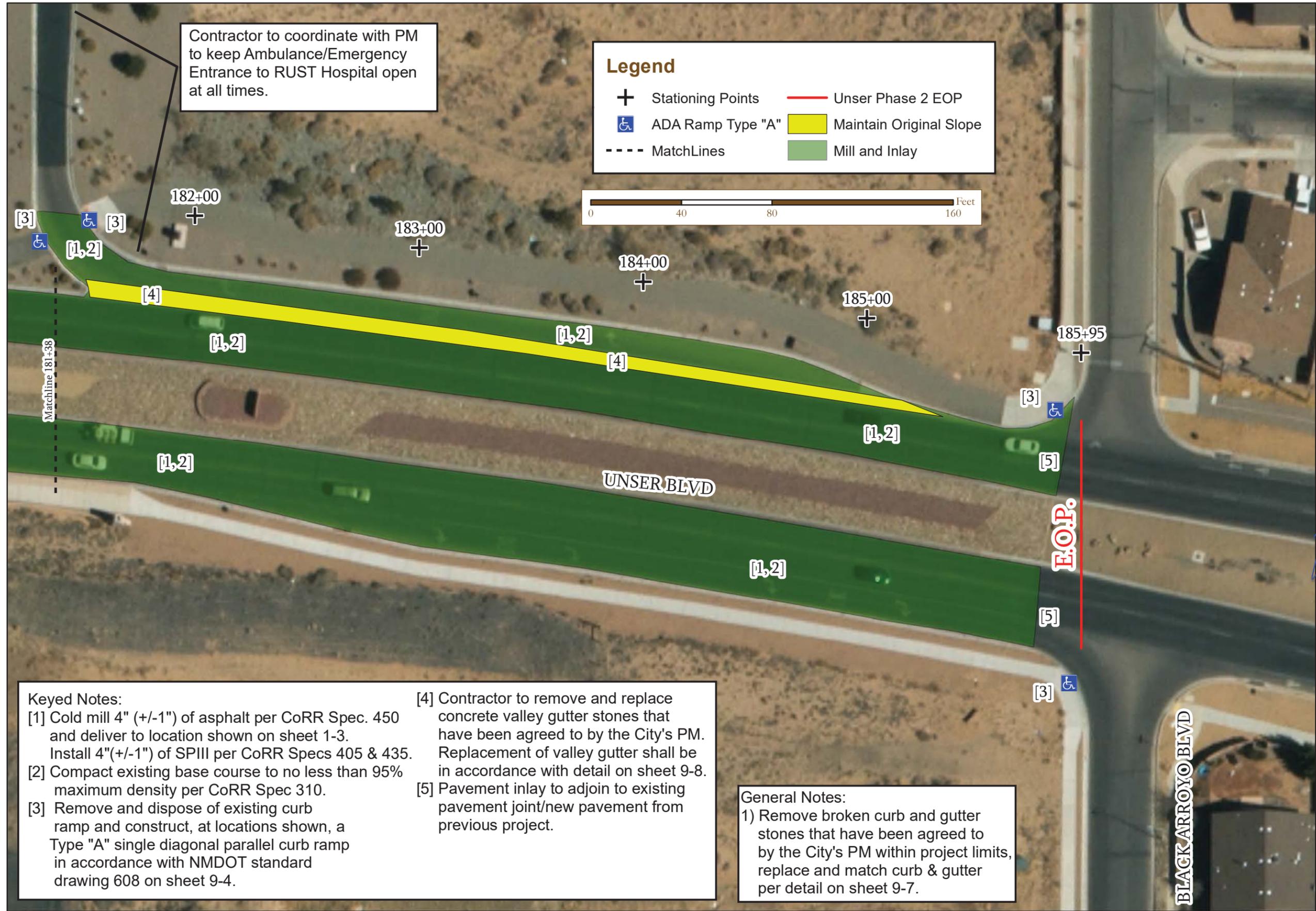
SHEET
5 - 32

Legend

- + Stationing Points
- ⚠ ADA Ramp Type "A"
- MatchLines
- Unser Phase 2 EOP
- Maintain Original Slope
- Mill and Inlay



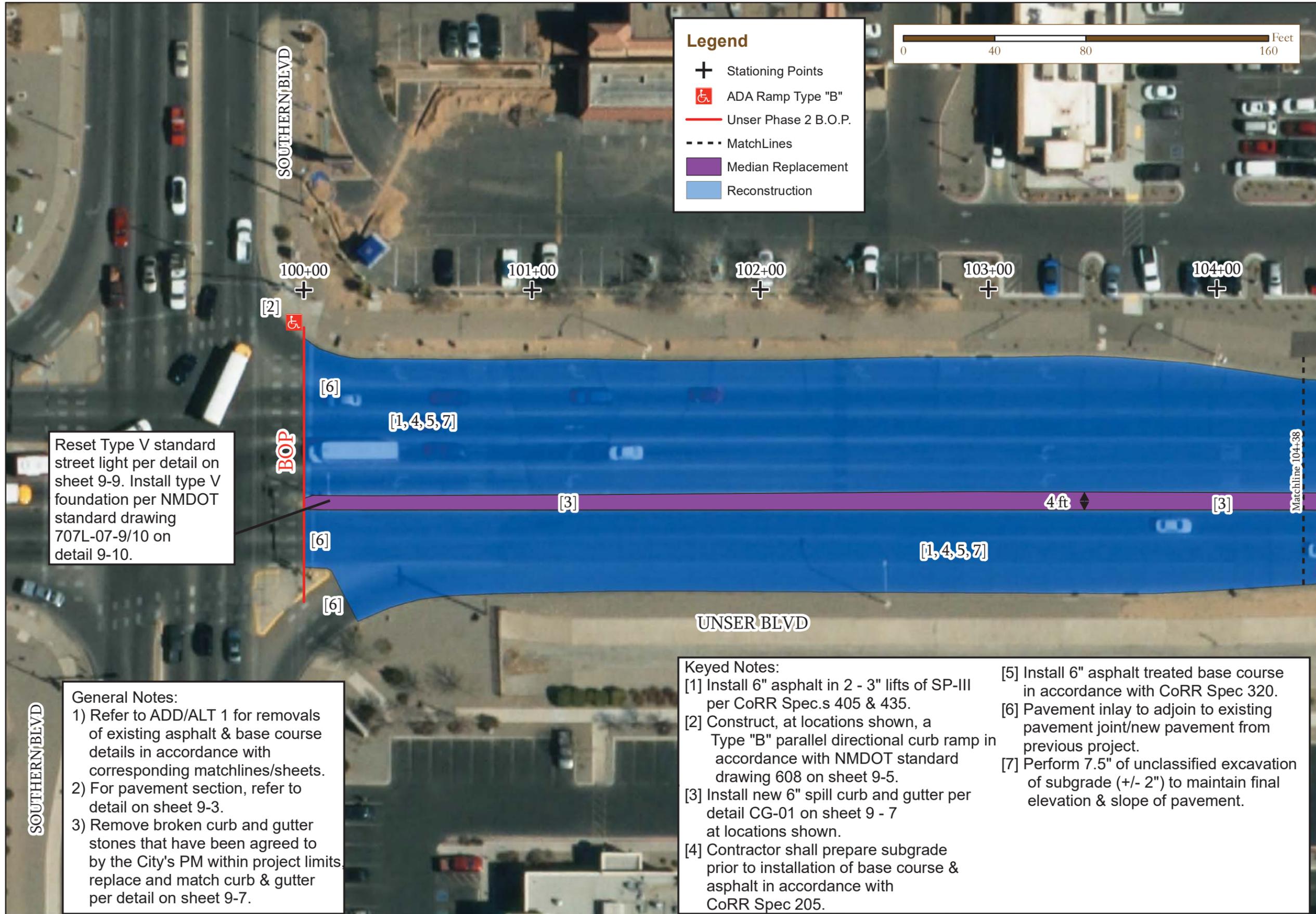
Contractor to coordinate with PM to keep Ambulance/Emergency Entrance to RUST Hospital open at all times.



- Keyed Notes:**
- [1] Cold mill 4" (+/-1") of asphalt per CoRR Spec. 450 and deliver to location shown on sheet 1-3. Install 4" (+/-1") of SPIII per CoRR Specs 405 & 435.
 - [2] Compact existing base course to no less than 95% maximum density per CoRR Spec 310.
 - [3] Remove and dispose of existing curb ramp and construct, at locations shown, a Type "A" single diagonal parallel curb ramp in accordance with NMDOT standard drawing 608 on sheet 9-4.
 - [4] Contractor to remove and replace concrete valley gutter stones that have been agreed to by the City's PM. Replacement of valley gutter shall be in accordance with detail on sheet 9-8.
 - [5] Pavement inlay to adjoin to existing pavement joint/new pavement from previous project.

General Notes:
1) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.

BLACK ARROYO BLVD



Legend

- + Stationing Points
- ♿ ADA Ramp Type "B"
- Unser Phase 2 B.O.P.
- - - MatchLines
- █ Median Replacement
- █ Reconstruction



PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 2

SHEET
6-1

Reset Type V standard street light per detail on sheet 9-9. Install type V foundation per NMDOT standard drawing 707L-07-9/10 on detail 9-10.

General Notes:

- 1) Refer to ADD/ALT 1 for removals of existing asphalt & base course details in accordance with corresponding matchlines/sheets.
- 2) For pavement section, refer to detail on sheet 9-3.
- 3) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.

Keyed Notes:

- [1] Install 6" asphalt in 2 - 3" lifts of SP-III per CoRR Spec.s 405 & 435.
- [2] Construct, at locations shown, a Type "B" parallel directional curb ramp in accordance with NMDOT standard drawing 608 on sheet 9-5.
- [3] Install new 6" spill curb and gutter per detail CG-01 on sheet 9 - 7 at locations shown.
- [4] Contractor shall prepare subgrade prior to installation of base course & asphalt in accordance with CoRR Spec 205.
- [5] Install 6" asphalt treated base course in accordance with CoRR Spec 320.
- [6] Pavement inlay to adjoin to existing pavement joint/new pavement from previous project.
- [7] Perform 7.5" of unclassified excavation of subgrade (+/- 2") to maintain final elevation & slope of pavement.

SOUTHERN BLVD

SOUTHERN BLVD

UNSER BLVD

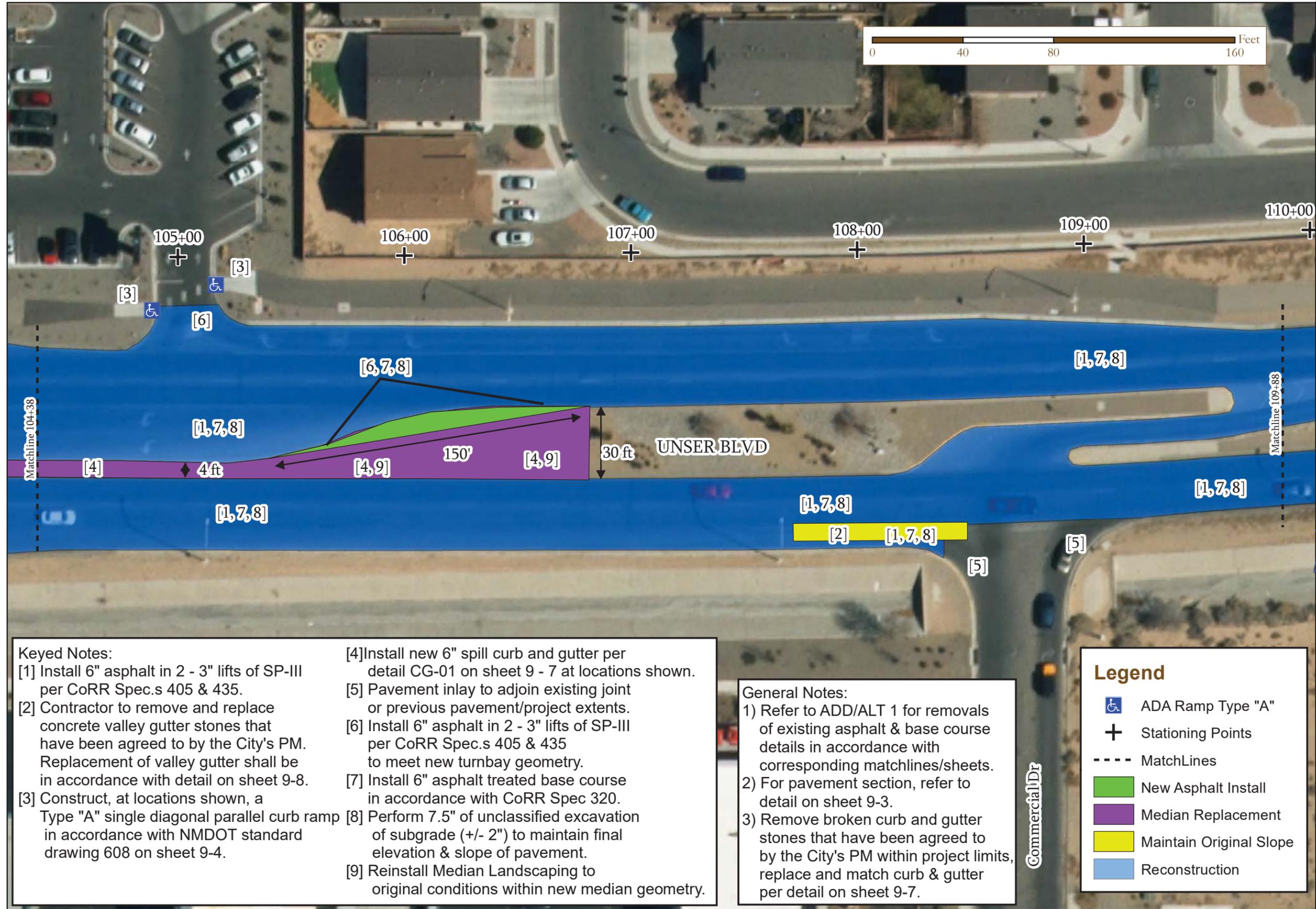


PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 2

SHEET
6 - 2



- Keyed Notes:**
- [1] Install 6" asphalt in 2 - 3" lifts of SP-III per CoRR Spec.s 405 & 435.
 - [2] Contractor to remove and replace concrete valley gutter stones that have been agreed to by the City's PM. Replacement of valley gutter shall be in accordance with detail on sheet 9-8.
 - [3] Construct, at locations shown, a Type "A" single diagonal parallel curb ramp in accordance with NMDOT standard drawing 608 on sheet 9-4.
 - [4] Install new 6" spill curb and gutter per detail CG-01 on sheet 9 - 7 at locations shown.
 - [5] Pavement inlay to adjoin existing joint or previous pavement/project extents.
 - [6] Install 6" asphalt in 2 - 3" lifts of SP-III per CoRR Spec.s 405 & 435 to meet new turnbay geometry.
 - [7] Install 6" asphalt treated base course in accordance with CoRR Spec 320.
 - [8] Perform 7.5" of unclassified excavation of subgrade (+/- 2") to maintain final elevation & slope of pavement.
 - [9] Reinstall Median Landscaping to original conditions within new median geometry.

- General Notes:**
- 1) Refer to ADD/ALT 1 for removals of existing asphalt & base course details in accordance with corresponding matchlines/sheets.
 - 2) For pavement section, refer to detail on sheet 9-3.
 - 3) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.

Legend

- ADA Ramp Type "A"
- Stationing Points
- MatchLines
- New Asphalt Install
- Median Replacement
- Maintain Original Slope
- Reconstruction

Commercial Dr



PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 2

SHEET
6 - 3



General Notes:
 1) Refer to ADD/ALT 1 for removals of existing asphalt & base course details in accordance with corresponding matchlines/sheets.
 2) For pavement section, refer to detail on sheet 9-3.
 3) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.

Legend

- Stationing Points
- MatchLines
- Reconstruction

Keyed Notes:
 [1] Install 6" asphalt in 2 - 3" lifts of SP-III per CoRR Specs.s 405 & 435.
 [2] Install 6" asphalt treated base course in accordance with CoRR Spec 320.
 [3] Perform 7.5" of unclassified excavation of subgrade (+/- 2") to maintain final elevation & slope of pavement.



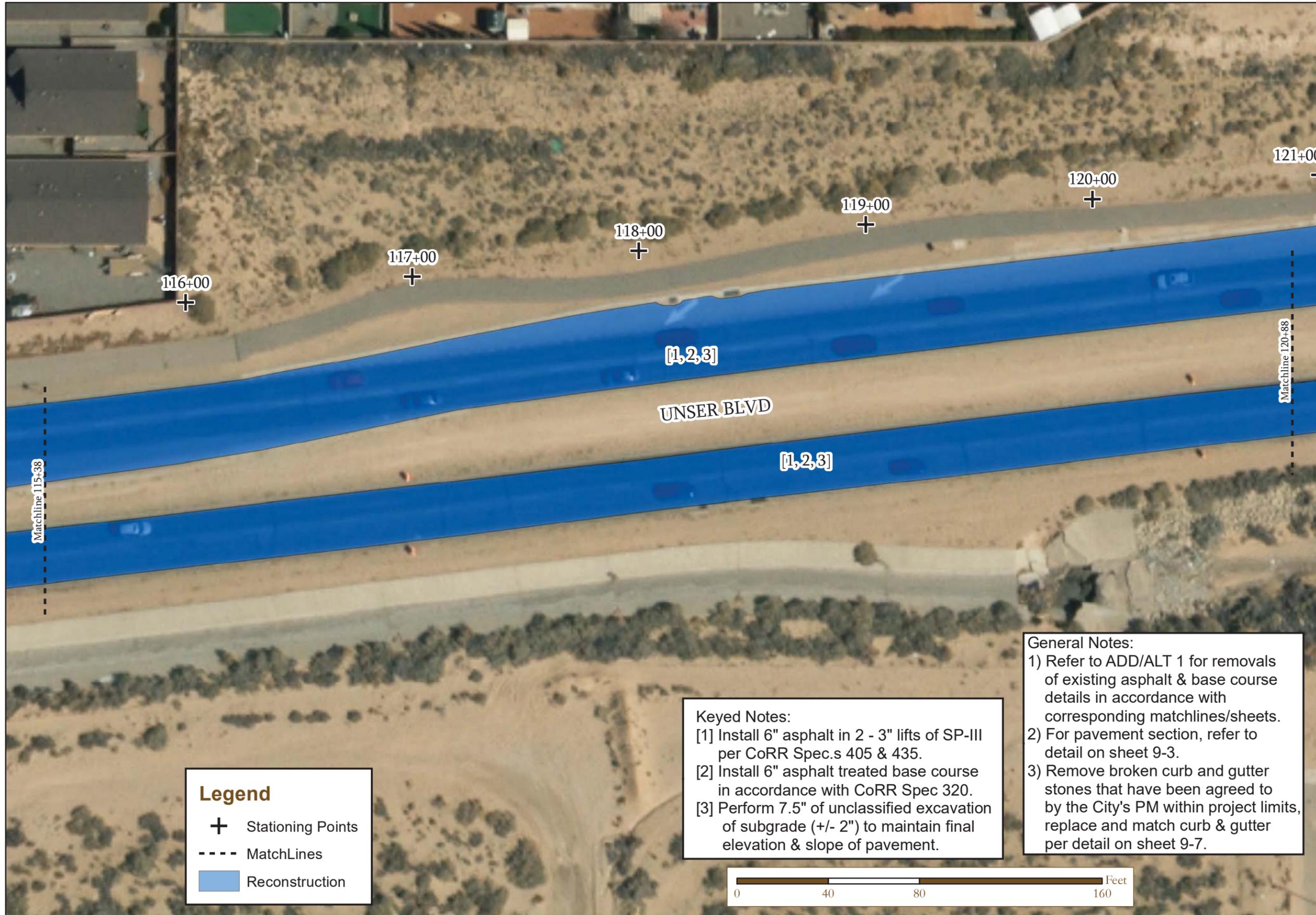


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ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 2

SHEET
6 - 4



Legend

- + Stationing Points
- MatchLines
- Reconstruction

Keyed Notes:
 [1] Install 6" asphalt in 2 - 3" lifts of SP-III per CoRR Spec.s 405 & 435.
 [2] Install 6" asphalt treated base course in accordance with CoRR Spec 320.
 [3] Perform 7.5" of unclassified excavation of subgrade (+/- 2") to maintain final elevation & slope of pavement.

General Notes:
 1) Refer to ADD/ALT 1 for removals of existing asphalt & base course details in accordance with corresponding matchlines/sheets.
 2) For pavement section, refer to detail on sheet 9-3.
 3) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.



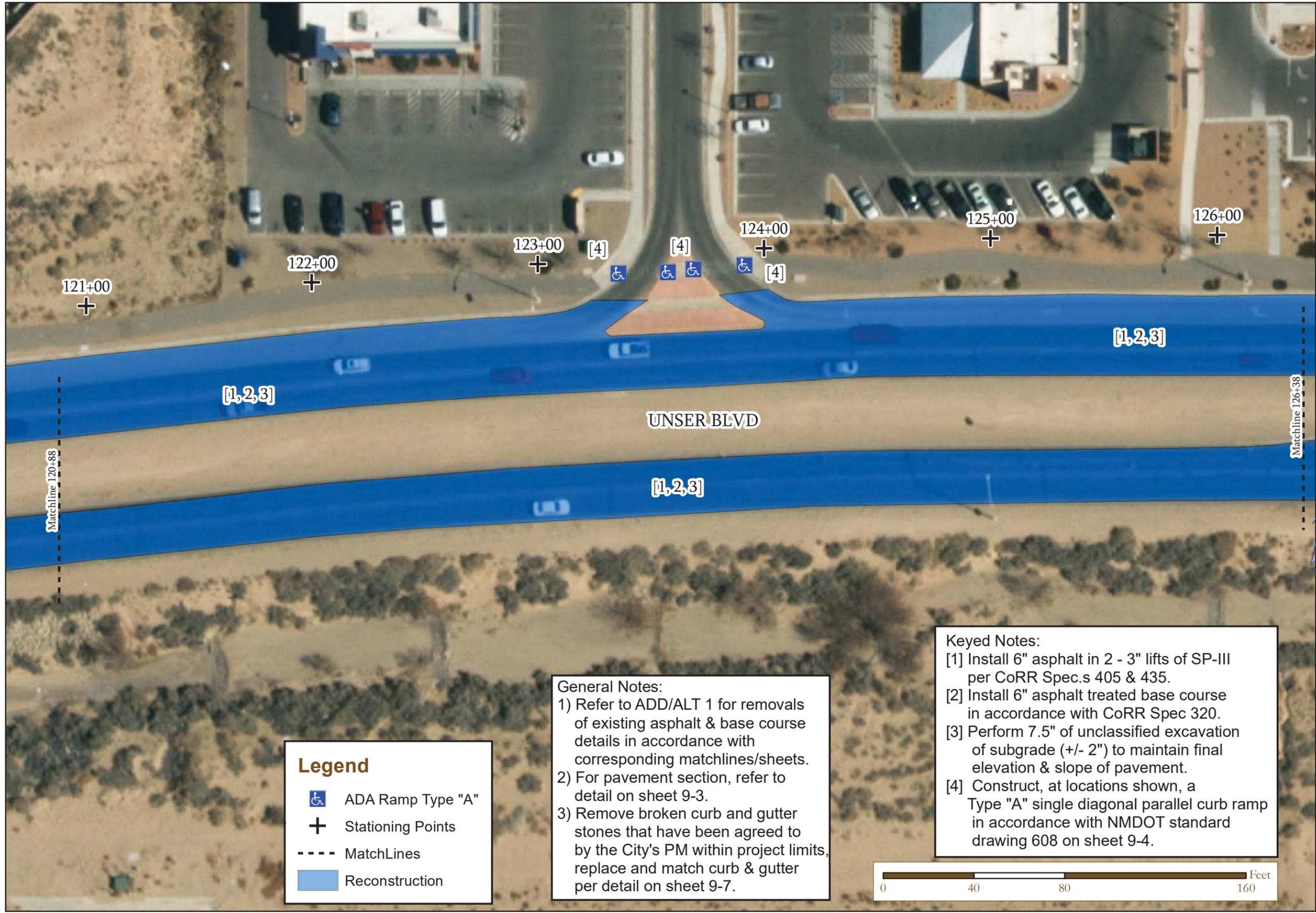


PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 2

SHEET
6 - 5



Legend

- ADA Ramp Type "A"
- Stationing Points
- MatchLines
- Reconstruction

General Notes:

- 1) Refer to ADD/ALT 1 for removals of existing asphalt & base course details in accordance with corresponding matchlines/sheets.
- 2) For pavement section, refer to detail on sheet 9-3.
- 3) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.

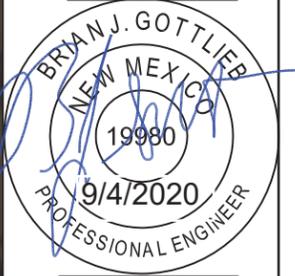
Keyed Notes:

- [1] Install 6" asphalt in 2 - 3" lifts of SP-III per CoRR Spec.s 405 & 435.
- [2] Install 6" asphalt treated base course in accordance with CoRR Spec 320.
- [3] Perform 7.5" of unclassified excavation of subgrade (+/- 2") to maintain final elevation & slope of pavement.
- [4] Construct, at locations shown, a Type "A" single diagonal parallel curb ramp in accordance with NMDOT standard drawing 608 on sheet 9-4.





PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 2

SHEET
6 - 6



Legend

- ADA Ramp Type "A"
- ADA Ramp Type "B"
- Stationing Points
- MatchLines
- Maintain Original Slope
- Reconstruction

General Notes:

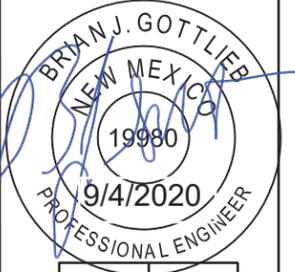
- 1) Refer to ADD/ALT 1 for removals of existing asphalt & base course details in accordance with corresponding matchlines/sheets.
- 2) For pavement section, refer to detail on sheet 9-3.
- 3) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.

Keyed Notes:

- [1] Install 6" asphalt in 2 - 3" lifts of SP-III per CoRR Spec.s 405 & 435.
- [2] Install 6" asphalt treated base course in accordance with CoRR Spec 320.
- [3] Perform 7.5" of unclassified excavation of subgrade (+/- 2") to maintain final elevation & slope of pavement.
- [4] Contractor to remove and replace concrete valley gutter stones that have been agreed to by the City's PM. Replacement of valley gutter shall be in accordance with detail on sheet 9-8.
- [5] Construct, at locations shown, a Type "A" single diagonal parallel curb ramp in accordance with NMDOT standard drawing 608 on sheet 9-4.
- [6] Construct, at locations shown, a Type "B" parallel directional curb ramp in accordance with NMDOT standard drawing 608 on sheet 9-5.
- [7] Pavement inlay to adjoin to existing pavement joint/new pavement from previous project.

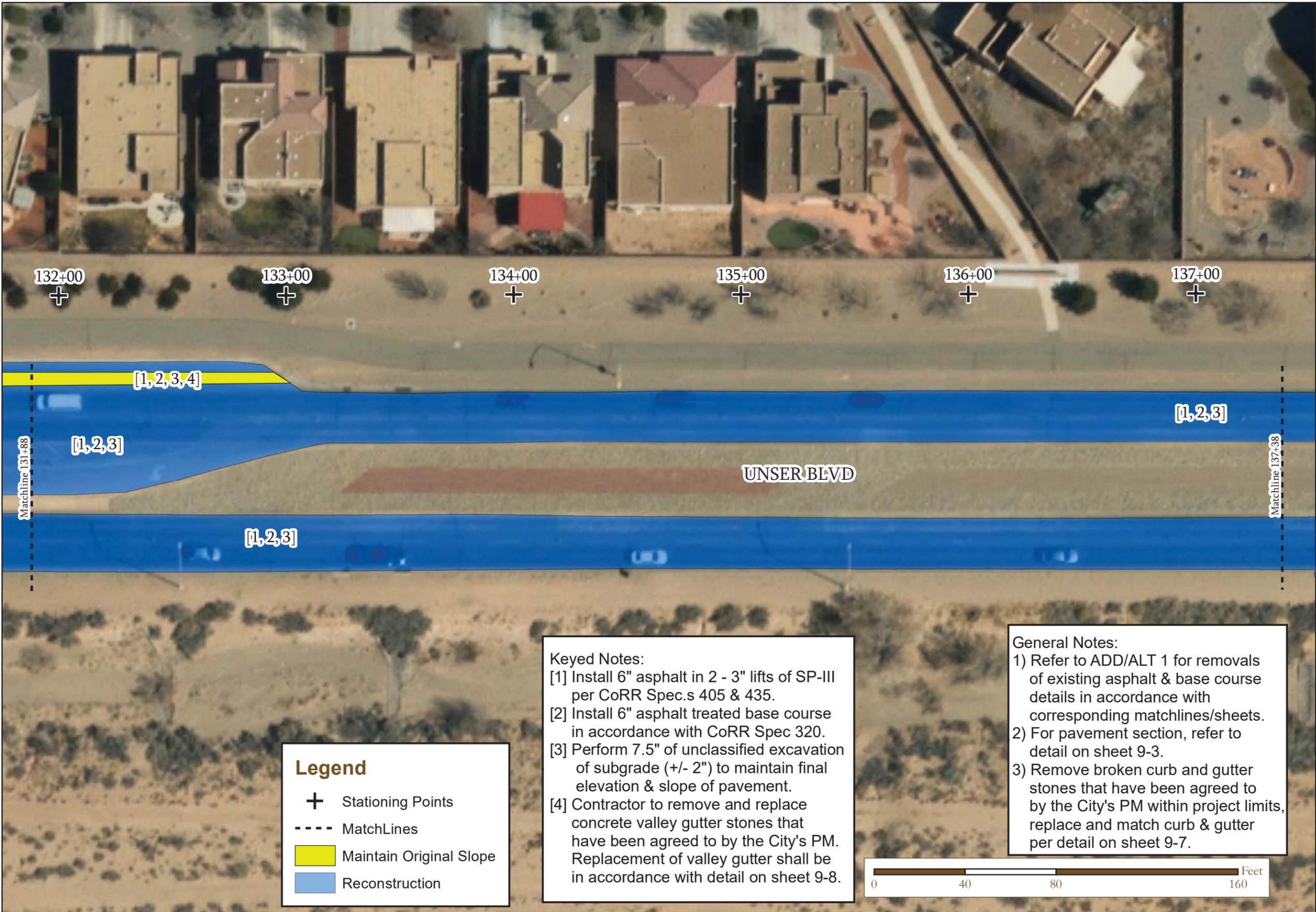


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ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 2

SHEET
6 - 7



Legend

- Stationing Points
- MatchLines
- Maintain Original Slope
- Reconstruction

Keyed Notes:

- [1] Install 6" asphalt in 2 - 3" lifts of SP-III per CoRR Spec.s 405 & 435.
- [2] Install 6" asphalt treated base course in accordance with CoRR Spec 320.
- [3] Perform 7.5" of unclassified excavation of subgrade (+/- 2") to maintain final elevation & slope of pavement.
- [4] Contractor to remove and replace concrete valley gutter stones that have been agreed to by the City's PM. Replacement of valley gutter shall be in accordance with detail on sheet 9-8.

General Notes:

- 1) Refer to ADD/ALT 1 for removals of existing asphalt & base course details in accordance with corresponding matchlines/sheets.
- 2) For pavement section, refer to detail on sheet 9-3.
- 3) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.





PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 2

SHEET
6 - 8



Legend

- + Stationing Points
- MatchLines
- Reconstruction

General Notes:

- 1) Refer to ADD/ALT 1 for removals of existing asphalt & base course details in accordance with corresponding matchlines/sheets.
- 2) For pavement section, refer to detail on sheet 9-3.
- 3) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits replace and match curb & gutter per detail on sheet 9-7.

Keyed Notes:

- [1] Install 6" asphalt in 2 - 3" lifts of SP-III per CoRR Spec.s 405 & 435.
- [2] Install 6" asphalt treated base course in accordance with CoRR Spec 320.
- [3] Perform 7.5" of unclassified excavation of subgrade (+/- 2") to maintain final elevation & slope of pavement.





PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 2

SHEET
6 - 9



Legend

- Stationing Points
- MatchLines
- Reconstruction

General Notes:

- 1) Refer to ADD/ALT 1 for removals of existing asphalt & base course details in accordance with corresponding matchlines/sheets.
- 2) For pavement section, refer to detail on sheet 9-3.
- 3) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.

Keyed Notes:

- [1] Install 6" asphalt in 2 - 3" lifts of SP-III per CoRR Spec.s 405 & 435.
- [2] Install 6" asphalt treated base course in accordance with CoRR Spec 320.
- [3] Perform 7.5" of unclassified excavation of subgrade (+/- 2") to maintain final elevation & slope of pavement.



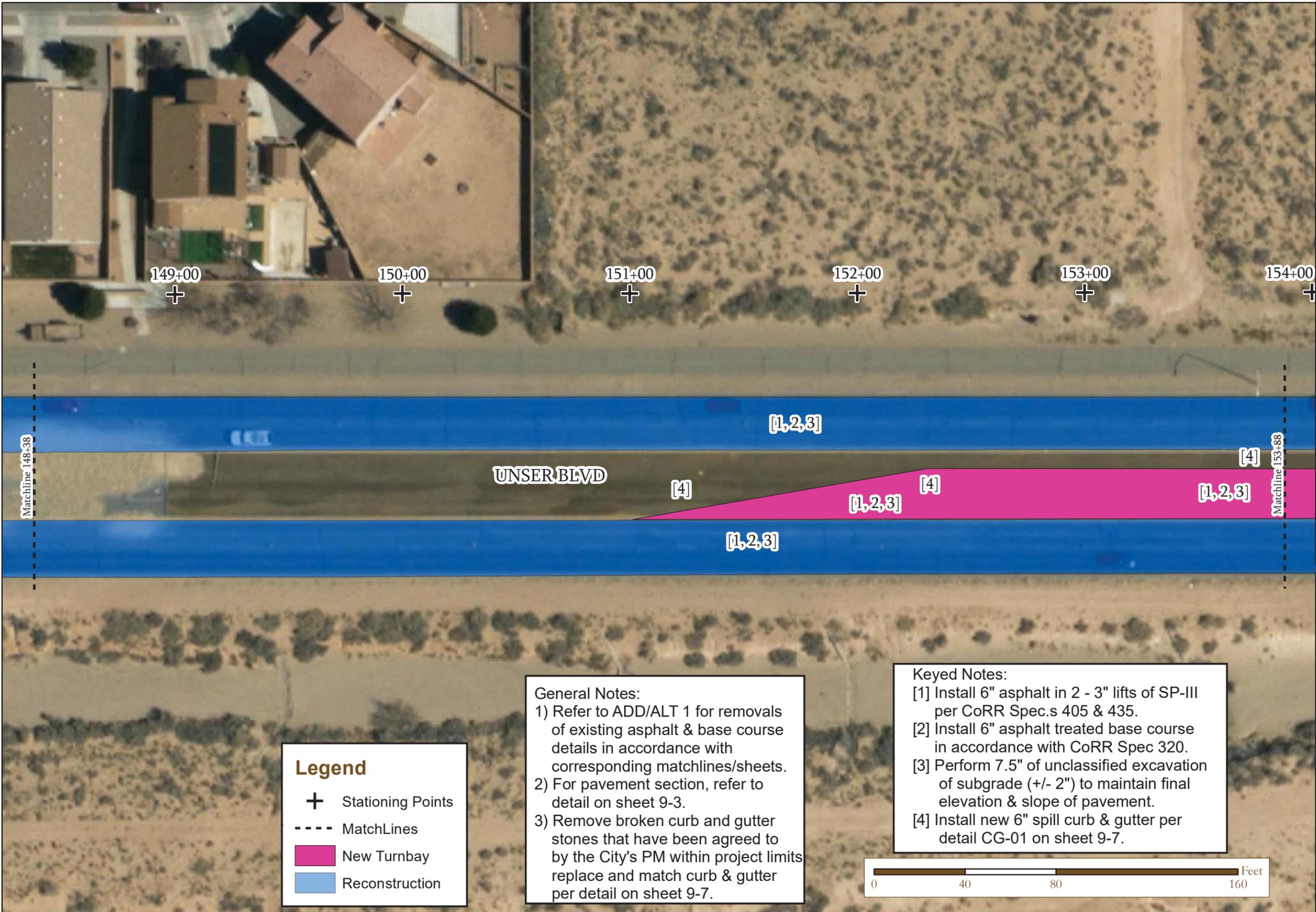


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ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 2

SHEET
6 - 10



Legend

- Stationing Points
- MatchLines
- New Turnbay
- Reconstruction

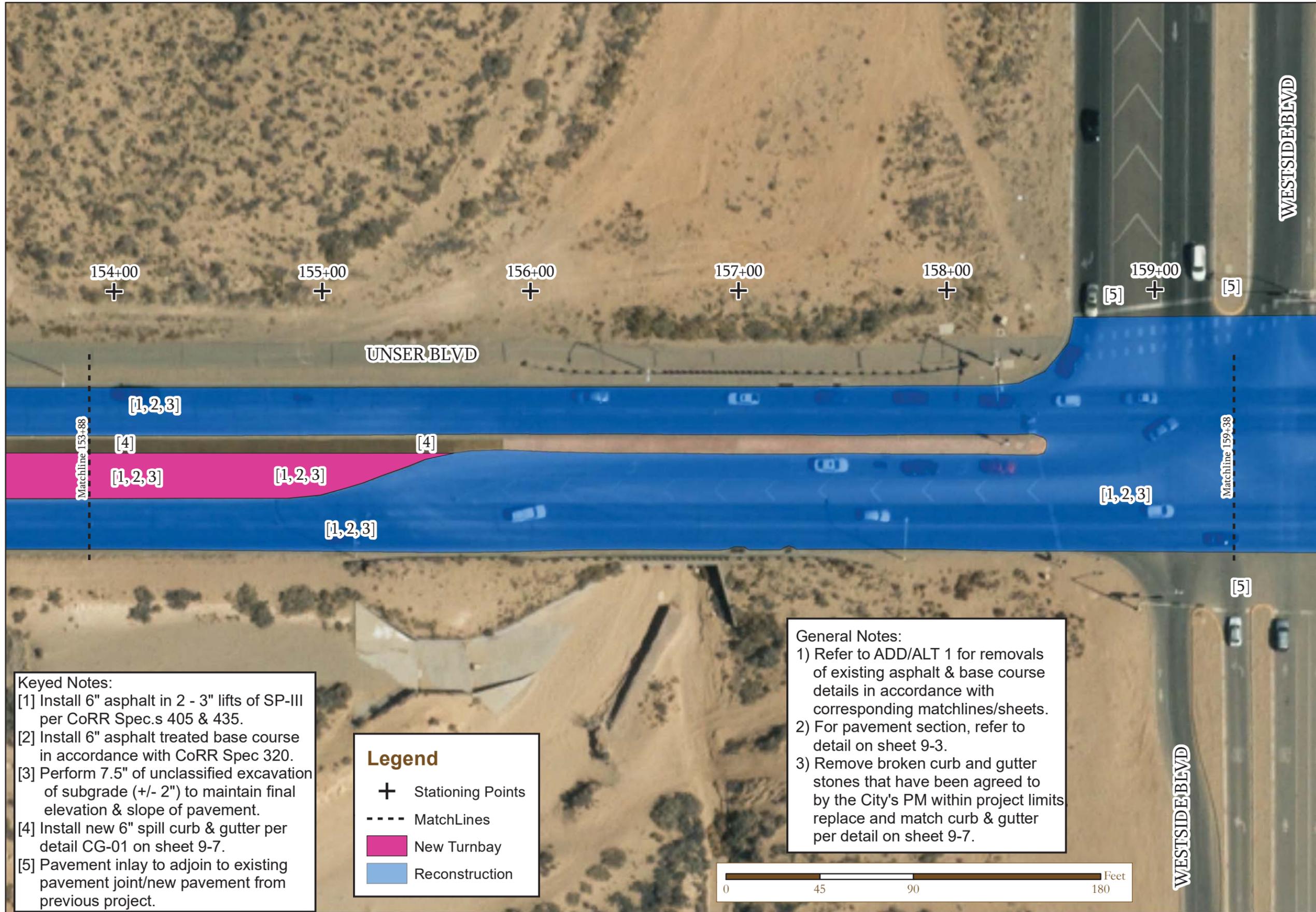
General Notes:

- 1) Refer to ADD/ALT 1 for removals of existing asphalt & base course details in accordance with corresponding matchlines/sheets.
- 2) For pavement section, refer to detail on sheet 9-3.
- 3) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits replace and match curb & gutter per detail on sheet 9-7.

Keyed Notes:

- [1] Install 6" asphalt in 2 - 3" lifts of SP-III per CoRR Spec.s 405 & 435.
- [2] Install 6" asphalt treated base course in accordance with CoRR Spec 320.
- [3] Perform 7.5" of unclassified excavation of subgrade (+/- 2") to maintain final elevation & slope of pavement.
- [4] Install new 6" spill curb & gutter per detail CG-01 on sheet 9-7.





Keyed Notes:
 [1] Install 6" asphalt in 2 - 3" lifts of SP-III per CoRR Spec.s 405 & 435.
 [2] Install 6" asphalt treated base course in accordance with CoRR Spec 320.
 [3] Perform 7.5" of unclassified excavation of subgrade (+/- 2") to maintain final elevation & slope of pavement.
 [4] Install new 6" spill curb & gutter per detail CG-01 on sheet 9-7.
 [5] Pavement inlay to adjoin to existing pavement joint/new pavement from previous project.

Legend

- + Stationing Points
- MatchLines
- New Turnbay
- Reconstruction

General Notes:
 1) Refer to ADD/ALT 1 for removals of existing asphalt & base course details in accordance with corresponding matchlines/sheets.
 2) For pavement section, refer to detail on sheet 9-3.
 3) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits replace and match curb & gutter per detail on sheet 9-7.



PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 2

SHEET
6 - 11



PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 2

SHEET
6 - 12



Keyed Notes:
 [1] Install 6" asphalt in 2 - 3" lifts of SP-III per CoRR Spec.s 405 & 435.
 [2] Install 6" asphalt treated base course in accordance with CoRR Spec 320.
 [3] Perform 7.5" of unclassified excavation of subgrade (+/- 2") to maintain final elevation & slope of pavement.

[4] Construct, at locations shown, a Type "B" parallel directional curb ramp in accordance with NMDOT standard drawing 608 on sheet 9-5.
 [5] Pavement inlay to adjoin to existing pavement joint/new pavement from previous project.

Legend

- ⊕ Stationing Points
- ♿ ADA Ramp Type "B"
- - - MatchLines
- Reconstruction

General Notes:
 1) Refer to ADD/ALT 1 for removals of existing asphalt & base course details in accordance with corresponding matchlines/sheets.
 2) For pavement section, refer to detail on sheet 9-3.
 3) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits replace and match curb & gutter per detail on sheet 9-7.



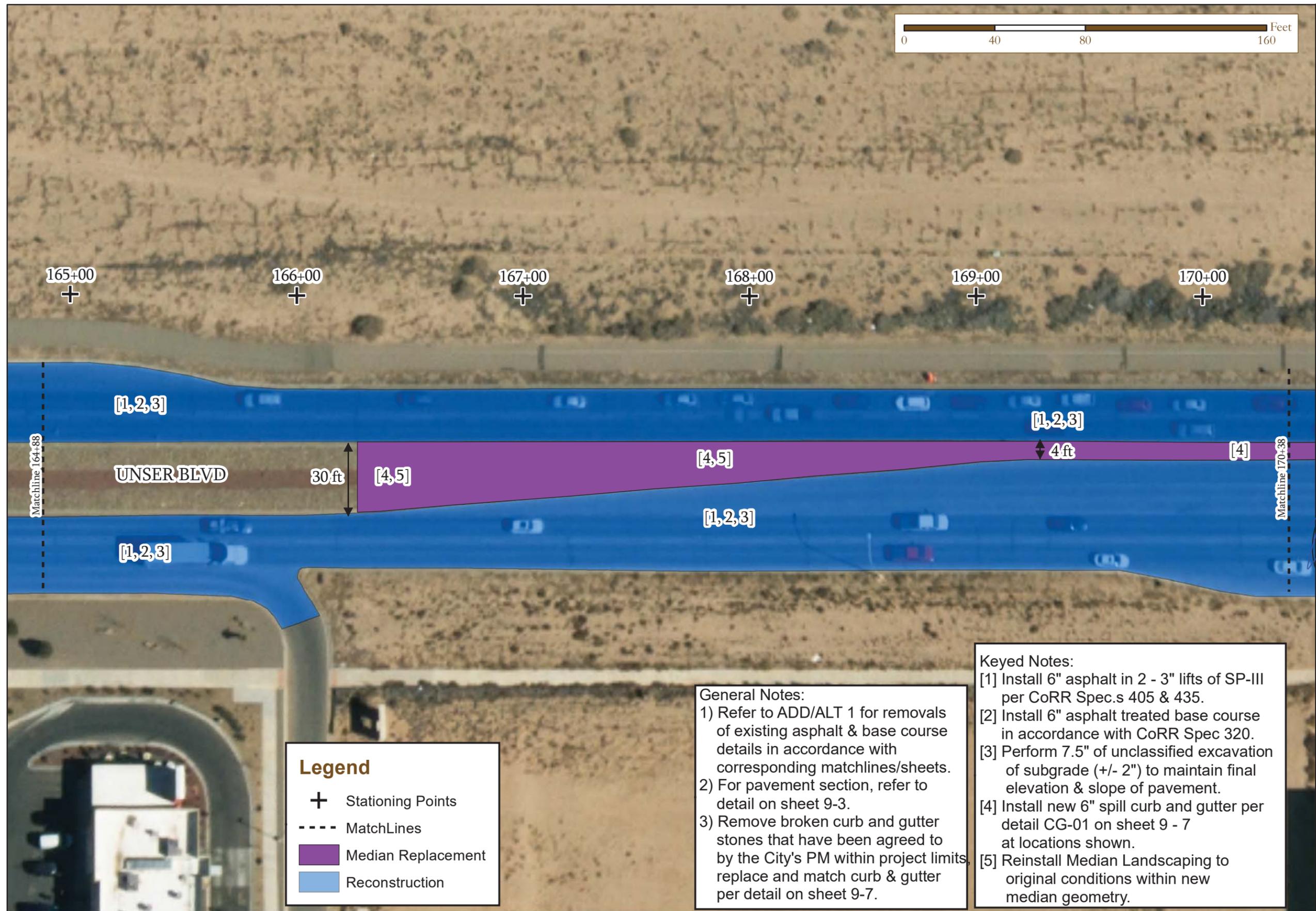


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ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 2

SHEET
6 - 13



Legend

- + Stationing Points
- MatchLines
- Median Replacement
- Reconstruction

General Notes:

- 1) Refer to ADD/ALT 1 for removals of existing asphalt & base course details in accordance with corresponding matchlines/sheets.
- 2) For pavement section, refer to detail on sheet 9-3.
- 3) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.

Keyed Notes:

- [1] Install 6" asphalt in 2 - 3" lifts of SP-III per CoRR Spec.s 405 & 435.
- [2] Install 6" asphalt treated base course in accordance with CoRR Spec 320.
- [3] Perform 7.5" of unclassified excavation of subgrade (+/- 2") to maintain final elevation & slope of pavement.
- [4] Install new 6" spill curb and gutter per detail CG-01 on sheet 9 - 7 at locations shown.
- [5] Reinstall Median Landscaping to original conditions within new median geometry.



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ENGINEERING DIVISION



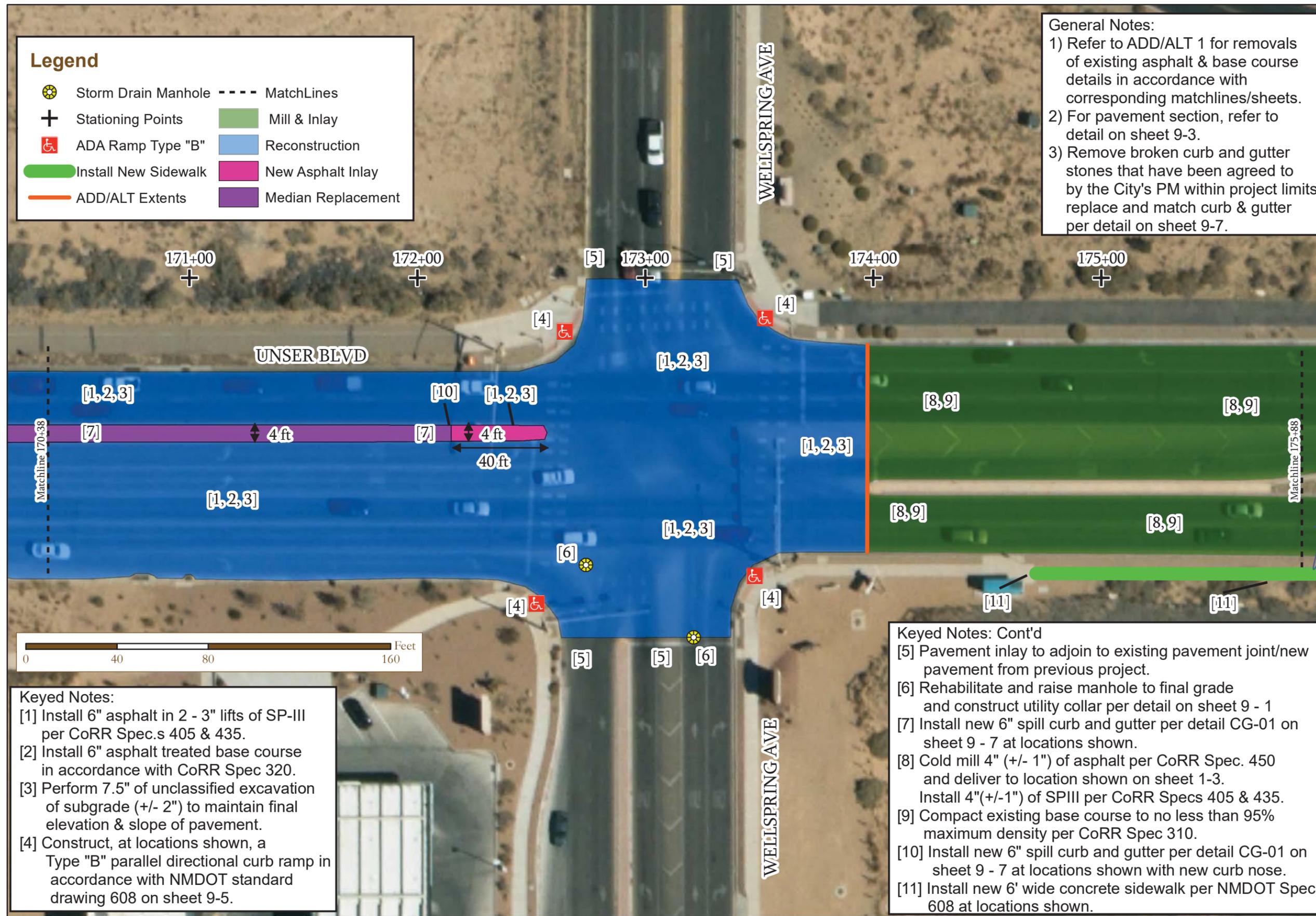
PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 2

SHEET
6 - 14

General Notes:
 1) Refer to ADD/ALT 1 for removals of existing asphalt & base course details in accordance with corresponding matchlines/sheets.
 2) For pavement section, refer to detail on sheet 9-3.
 3) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.

Legend

	Storm Drain Manhole		MatchLines
	Stationing Points		Mill & Inlay
	ADA Ramp Type "B"		Reconstruction
	Install New Sidewalk		New Asphalt Inlay
	ADD/ALT Extents		Median Replacement

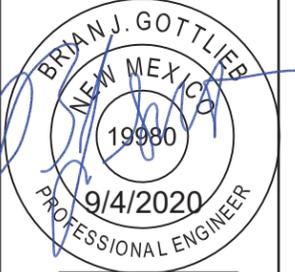


Keyed Notes:
 [1] Install 6" asphalt in 2 - 3" lifts of SP-III per CoRR Spec.s 405 & 435.
 [2] Install 6" asphalt treated base course in accordance with CoRR Spec 320.
 [3] Perform 7.5" of unclassified excavation of subgrade (+/- 2") to maintain final elevation & slope of pavement.
 [4] Construct, at locations shown, a Type "B" parallel directional curb ramp in accordance with NMDOT standard drawing 608 on sheet 9-5.

Keyed Notes: Cont'd
 [5] Pavement inlay to adjoin to existing pavement joint/new pavement from previous project.
 [6] Rehabilitate and raise manhole to final grade and construct utility collar per detail on sheet 9 - 1
 [7] Install new 6" spill curb and gutter per detail CG-01 on sheet 9 - 7 at locations shown.
 [8] Cold mill 4" (+/- 1") of asphalt per CoRR Spec. 450 and deliver to location shown on sheet 1-3. Install 4" (+/- 1") of SPIII per CoRR Specs 405 & 435.
 [9] Compact existing base course to no less than 95% maximum density per CoRR Spec 310.
 [10] Install new 6" spill curb and gutter per detail CG-01 on sheet 9 - 7 at locations shown with new curb nose.
 [11] Install new 6' wide concrete sidewalk per NMDOT Spec 608 at locations shown.



PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 2

SHEET
6 - 15

General Notes:
1) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.



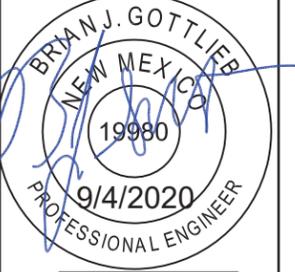
Keyed Notes:
[1] Cold mill 4" (+/-1") of asphalt per CoRR Spec. 450 and deliver to location shown on sheet 1-3. Install 4" (+/-1") of SPIII per CoRR Specs 405 & 435.
[2] Compact existing base course to no less than 95% maximum density per CoRR Spec 310.
[3] Remove and dispose of existing curb ramp and construct, at locations shown, a Type "A" single diagonal parallel curb ramp in accordance with NMDOT standard drawing 608 on sheet 9-4.
[4] Install new 6' wide concrete sidewalk per NMDOT Spec 608 at locations shown.

Legend
+ Stationing Points
- - - MatchLines
♿ ADA Ramp Type "A"
Install New Sidewalk
Mill and Inlay





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ENGINEERING DIVISION

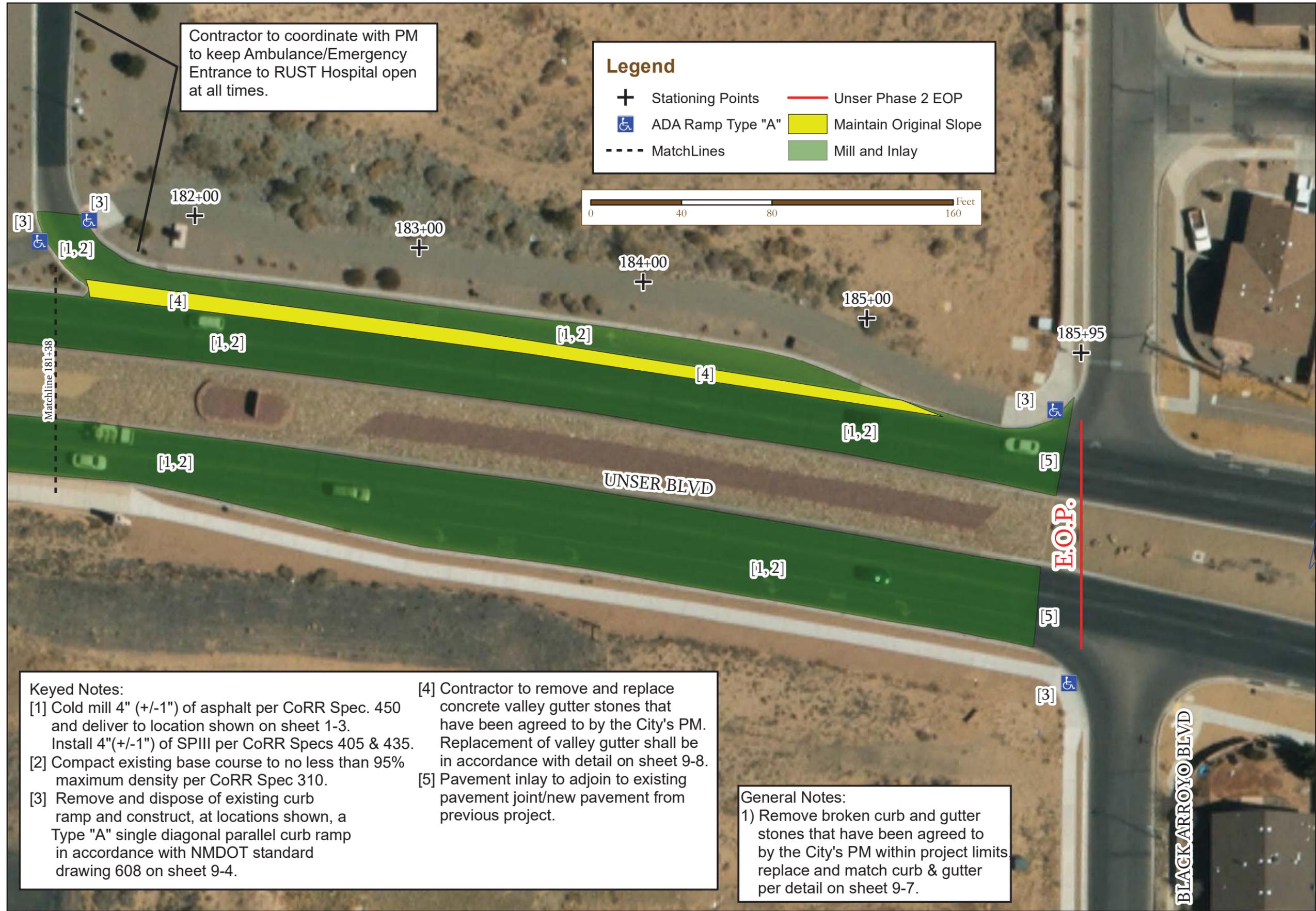


PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 2

SHEET
6 - 16

Legend

- ⊕ Stationing Points
- ♿ ADA Ramp Type "A"
- MatchLines
- Unser Phase 2 EOP
- Maintain Original Slope
- Mill and Inlay

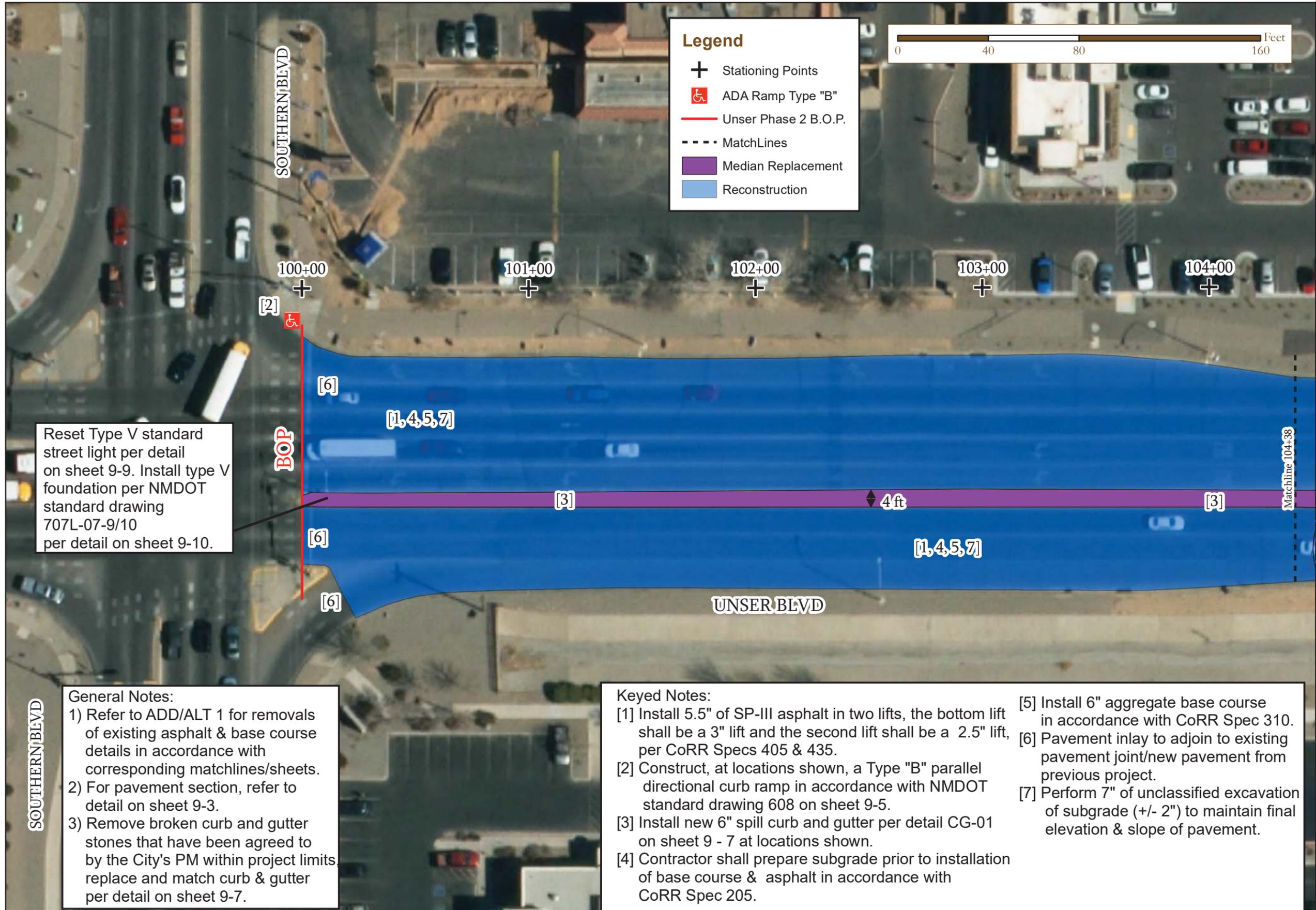


Keyed Notes:

<p>[1] Cold mill 4" (+/-1") of asphalt per CoRR Spec. 450 and deliver to location shown on sheet 1-3. Install 4" (+/-1") of SPIII per CoRR Specs 405 & 435.</p> <p>[2] Compact existing base course to no less than 95% maximum density per CoRR Spec 310.</p> <p>[3] Remove and dispose of existing curb ramp and construct, at locations shown, a Type "A" single diagonal parallel curb ramp in accordance with NMDOT standard drawing 608 on sheet 9-4.</p>	<p>[4] Contractor to remove and replace concrete valley gutter stones that have been agreed to by the City's PM. Replacement of valley gutter shall be in accordance with detail on sheet 9-8.</p> <p>[5] Pavement inlay to adjoin to existing pavement joint/new pavement from previous project.</p>
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General Notes:

1) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits replace and match curb & gutter per detail on sheet 9-7.



Legend

- + Stationing Points
- ♿ ADA Ramp Type "B"
- Unser Phase 2 B.O.P.
- - - MatchLines
- Median Replacement
- Reconstruction



PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 3

SHEET
7-1

Reset Type V standard street light per detail on sheet 9-9. Install type V foundation per NMDOT standard drawing 707L-07-9/10 per detail on sheet 9-10.

General Notes:

- 1) Refer to ADD/ALT 1 for removals of existing asphalt & base course details in accordance with corresponding matchlines/sheets.
- 2) For pavement section, refer to detail on sheet 9-3.
- 3) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.

Keyed Notes:

- [1] Install 5.5" of SP-III asphalt in two lifts, the bottom lift shall be a 3" lift and the second lift shall be a 2.5" lift, per CoRR Specs 405 & 435.
- [2] Construct, at locations shown, a Type "B" parallel directional curb ramp in accordance with NMDOT standard drawing 608 on sheet 9-5.
- [3] Install new 6" spill curb and gutter per detail CG-01 on sheet 9 - 7 at locations shown.
- [4] Contractor shall prepare subgrade prior to installation of base course & asphalt in accordance with CoRR Spec 205.
- [5] Install 6" aggregate base course in accordance with CoRR Spec 310.
- [6] Pavement inlay to adjoin to existing pavement joint/new pavement from previous project.
- [7] Perform 7" of unclassified excavation of subgrade (+/- 2") to maintain final elevation & slope of pavement.



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ENGINEERING DIVISION

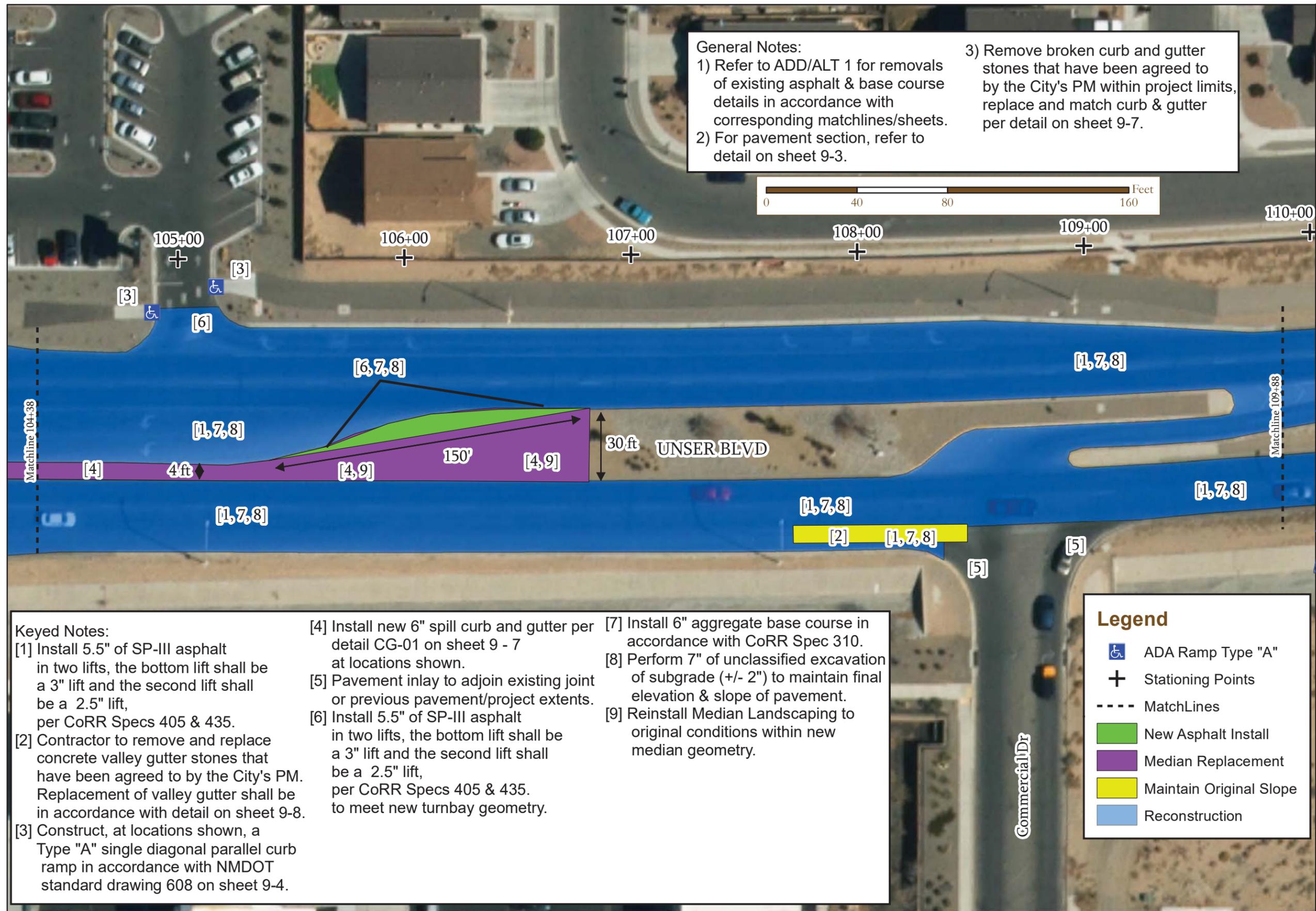


PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 3

SHEET
7-2

General Notes:

- 1) Refer to ADD/ALT 1 for removals of existing asphalt & base course details in accordance with corresponding matchlines/sheets.
- 2) For pavement section, refer to detail on sheet 9-3.
- 3) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.



Keyed Notes:

- [1] Install 5.5" of SP-III asphalt in two lifts, the bottom lift shall be a 3" lift and the second lift shall be a 2.5" lift, per CoRR Specs 405 & 435.
- [2] Contractor to remove and replace concrete valley gutter stones that have been agreed to by the City's PM. Replacement of valley gutter shall be in accordance with detail on sheet 9-8.
- [3] Construct, at locations shown, a Type "A" single diagonal parallel curb ramp in accordance with NMDOT standard drawing 608 on sheet 9-4.
- [4] Install new 6" spill curb and gutter per detail CG-01 on sheet 9 - 7 at locations shown.
- [5] Pavement inlay to adjoin existing joint or previous pavement/project extents.
- [6] Install 5.5" of SP-III asphalt in two lifts, the bottom lift shall be a 3" lift and the second lift shall be a 2.5" lift, per CoRR Specs 405 & 435. to meet new turnbay geometry.

- [7] Install 6" aggregate base course in accordance with CoRR Spec 310.
- [8] Perform 7" of unclassified excavation of subgrade (+/- 2") to maintain final elevation & slope of pavement.
- [9] Reinstall Median Landscaping to original conditions within new median geometry.

Legend

- ADA Ramp Type "A"
- Stationing Points
- MatchLines
- New Asphalt Install
- Median Replacement
- Maintain Original Slope
- Reconstruction

Commercial Dr

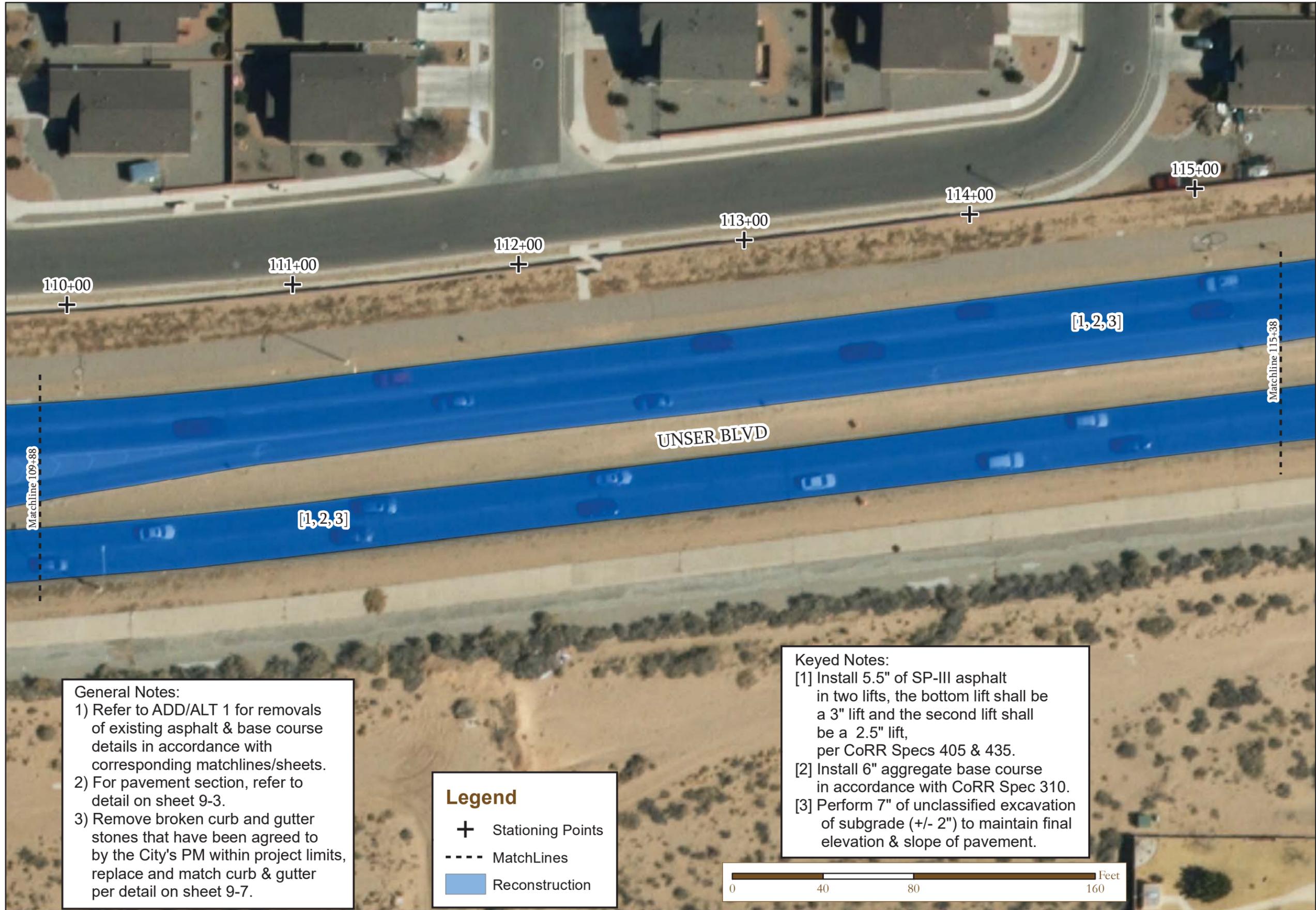


PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 3

SHEET
7 - 3



General Notes:
 1) Refer to ADD/ALT 1 for removals of existing asphalt & base course details in accordance with corresponding matchlines/sheets.
 2) For pavement section, refer to detail on sheet 9-3.
 3) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.

Legend

- Stationing Points
- MatchLines
- Reconstruction

Keyed Notes:
 [1] Install 5.5" of SP-III asphalt in two lifts, the bottom lift shall be a 3" lift and the second lift shall be a 2.5" lift, per CoRR Specs 405 & 435.
 [2] Install 6" aggregate base course in accordance with CoRR Spec 310.
 [3] Perform 7" of unclassified excavation of subgrade (+/- 2") to maintain final elevation & slope of pavement.



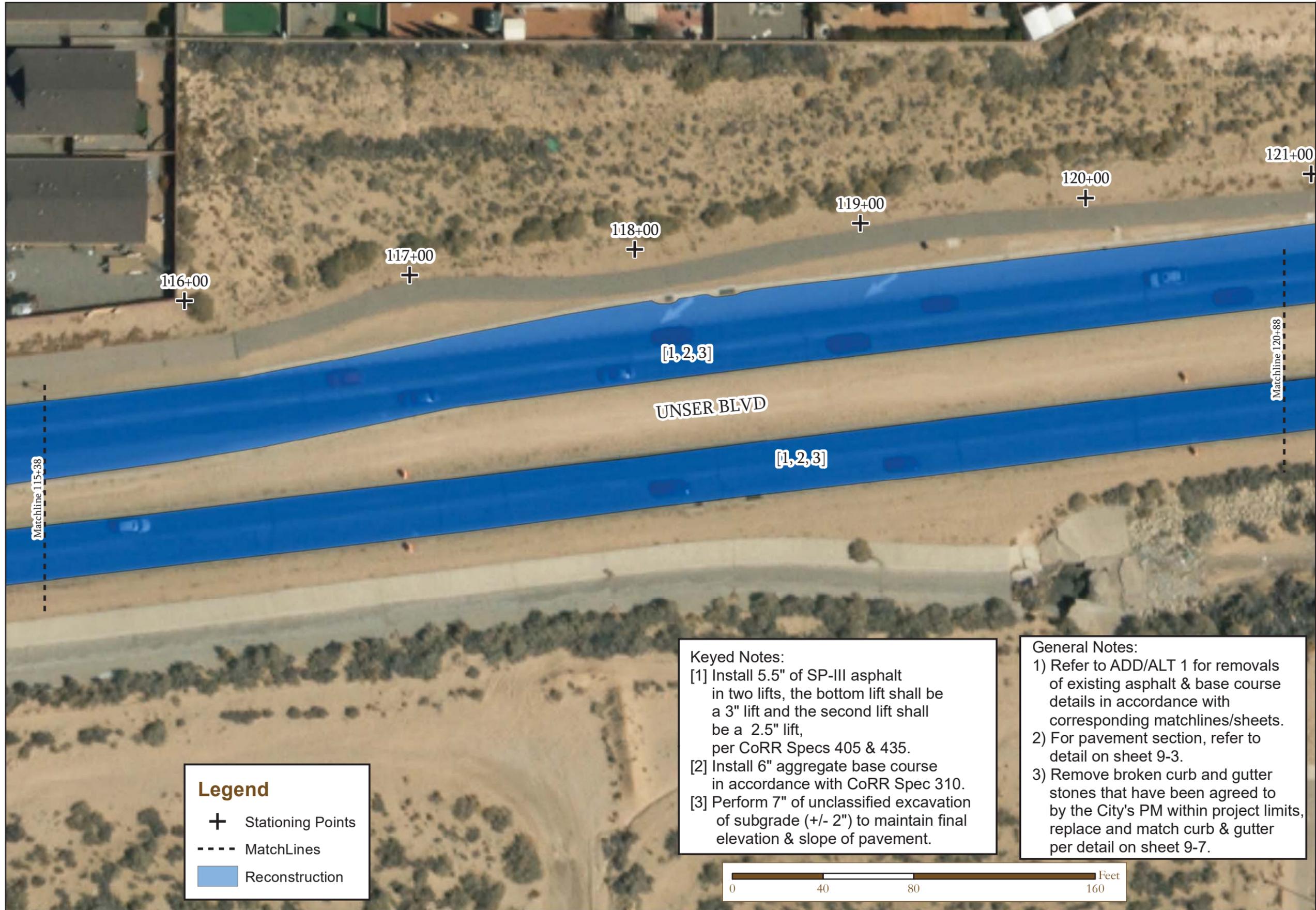


PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 3

SHEET
7 - 4



Legend

- ⊕ Stationing Points
- - - MatchLines
- Reconstruction

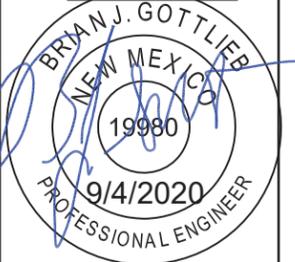
Keyed Notes:
 [1] Install 5.5" of SP-III asphalt in two lifts, the bottom lift shall be a 3" lift and the second lift shall be a 2.5" lift, per CoRR Specs 405 & 435.
 [2] Install 6" aggregate base course in accordance with CoRR Spec 310.
 [3] Perform 7" of unclassified excavation of subgrade (+/- 2") to maintain final elevation & slope of pavement.

General Notes:
 1) Refer to ADD/ALT 1 for removals of existing asphalt & base course details in accordance with corresponding matchlines/sheets.
 2) For pavement section, refer to detail on sheet 9-3.
 3) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.



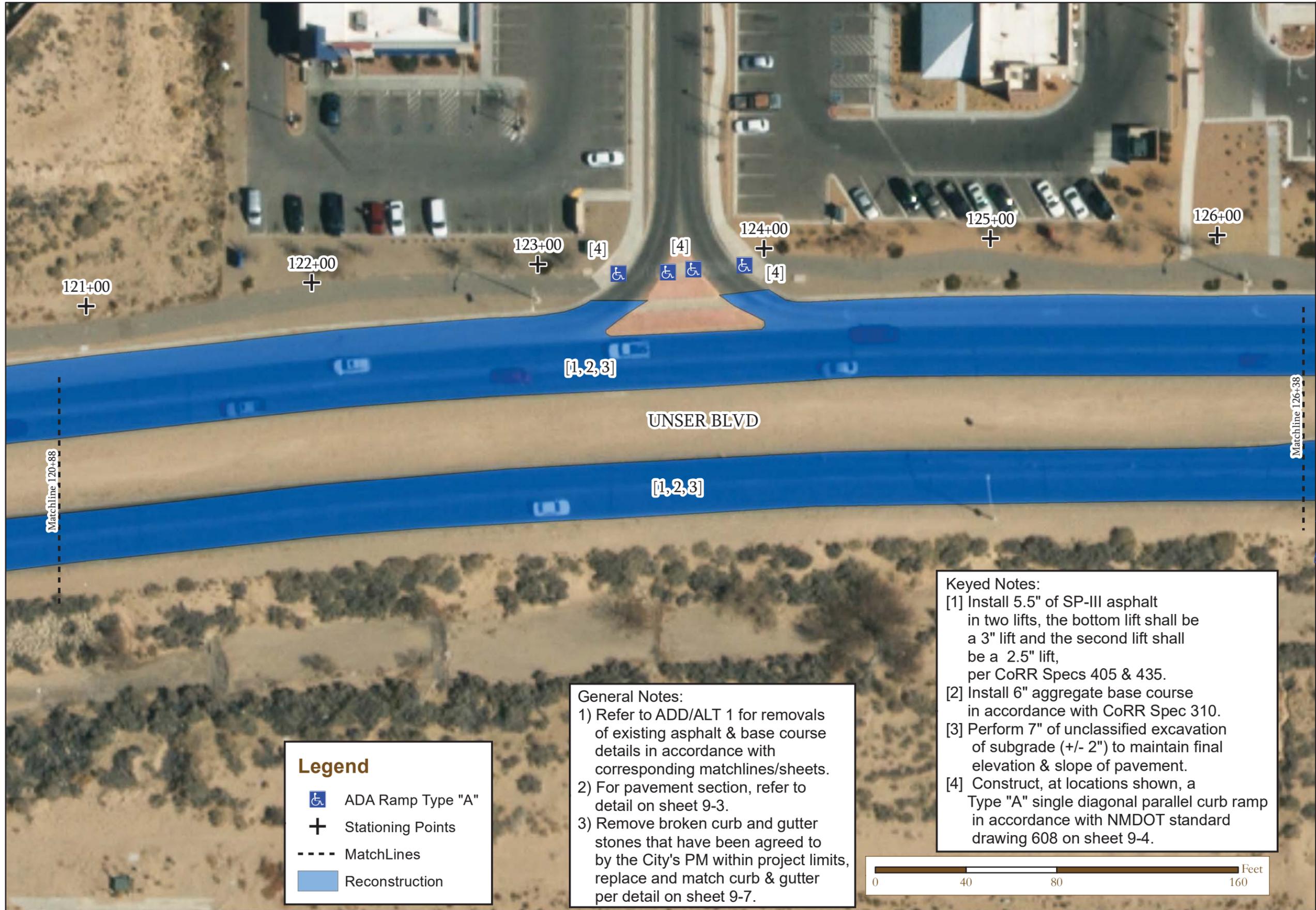


PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 3

SHEET
7 - 5



Legend

- ADA Ramp Type "A"
- Stationing Points
- MatchLines
- Reconstruction

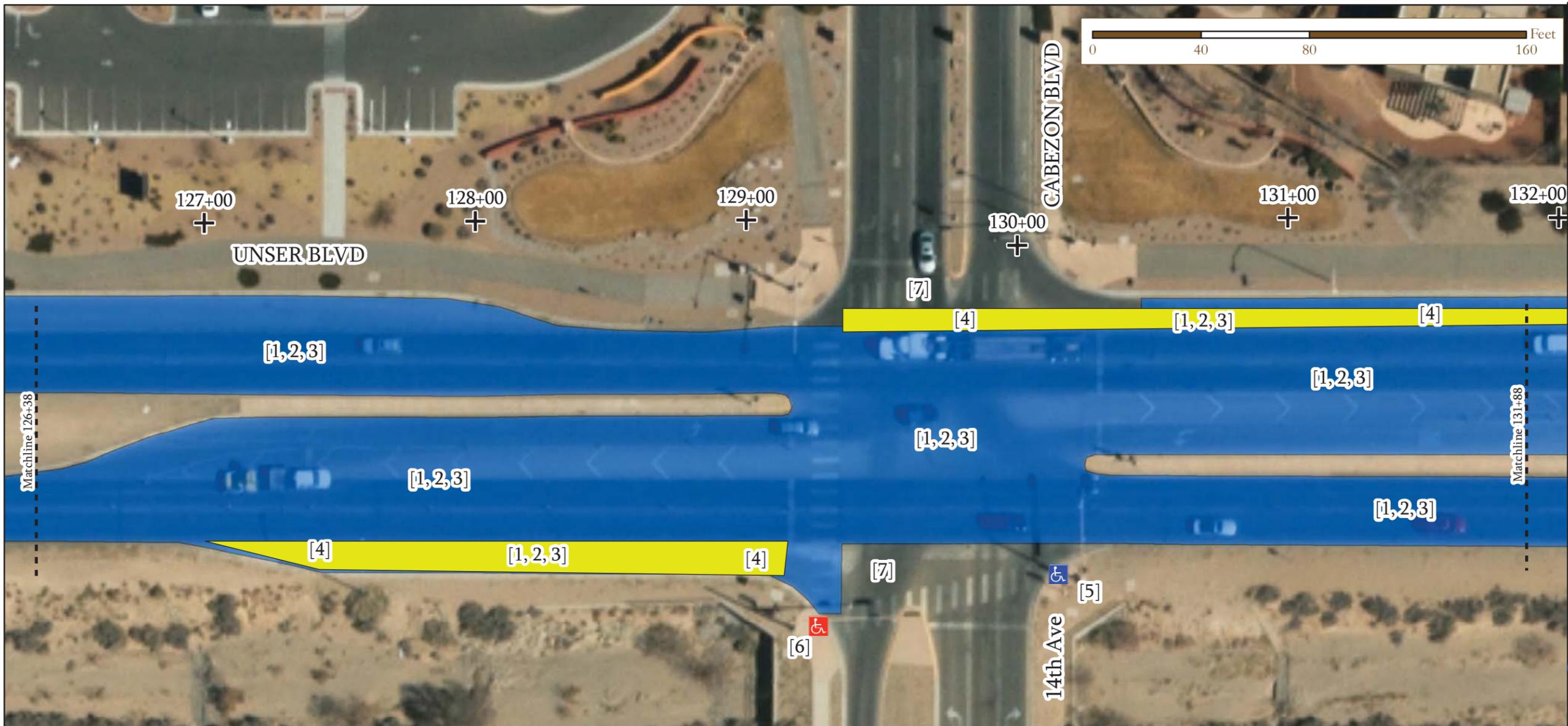
General Notes:

- 1) Refer to ADD/ALT 1 for removals of existing asphalt & base course details in accordance with corresponding matchlines/sheets.
- 2) For pavement section, refer to detail on sheet 9-3.
- 3) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.

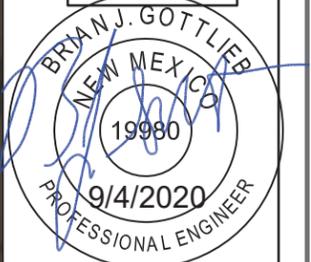
Keyed Notes:

- [1] Install 5.5" of SP-III asphalt in two lifts, the bottom lift shall be a 3" lift and the second lift shall be a 2.5" lift, per CoRR Specs 405 & 435.
- [2] Install 6" aggregate base course in accordance with CoRR Spec 310.
- [3] Perform 7" of unclassified excavation of subgrade (+/- 2") to maintain final elevation & slope of pavement.
- [4] Construct, at locations shown, a Type "A" single diagonal parallel curb ramp in accordance with NMDOT standard drawing 608 on sheet 9-4.





PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



Keyed Notes:

- [1] Install 5.5" of SP-III asphalt in two lifts, the bottom lift shall be a 3" lift and the second lift shall be a 2.5" lift, per CoRR Specs 405 & 435.
- [2] Install 6" aggregate base course in accordance with CoRR Spec 310.
- [3] Perform 7" of unclassified excavation of subgrade (+/- 2") to maintain final elevation & slope of pavement.
- [4] Contractor to remove and replace concrete valley gutter stones that have been agreed to by the City's PM. Replacement of valley gutter shall be in accordance with detail on sheet 9-8.

- [5] Construct, at locations shown, a Type "A" single diagonal parallel curb ramp in accordance with NMDOT standard drawing 608 on sheet 9-4.
- [6] Construct, at locations shown, a Type "B" parallel directional curb ramp in accordance with NMDOT standard drawing 608 on sheet 9-5.
- [7] Pavement inlay to adjoin to existing pavement joint/new pavement from previous project.

General Notes:

- 1) Refer to ADD/ALT 1 for removals of existing asphalt & base course details in accordance with corresponding matchlines/sheets.
- 2) For pavement section, refer to detail on sheet 9-3.
- 3) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.

Legend

- ADA Ramp Type "A"
- ADA Ramp Type "B"
- Stationing Points
- MatchLines
- Maintain Original Slope
- Reconstruction

PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 3

SHEET
7 - 6

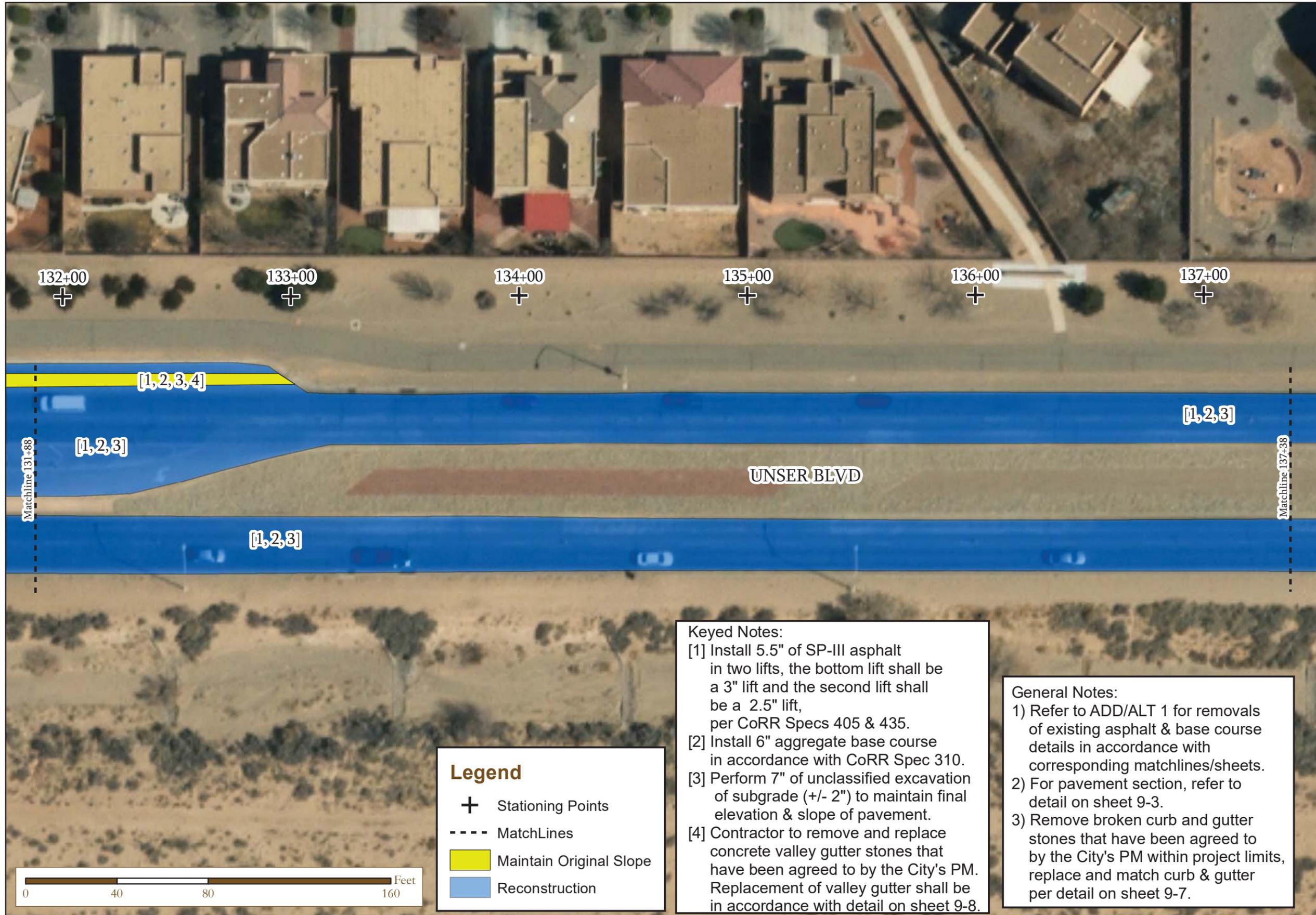


PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 3

SHEET
7 - 7



Legend

- ✚ Stationing Points
- - - MatchLines
- Maintain Original Slope
- Reconstruction

Keyed Notes:

- [1] Install 5.5" of SP-III asphalt in two lifts, the bottom lift shall be a 3" lift and the second lift shall be a 2.5" lift, per CoRR Specs 405 & 435.
- [2] Install 6" aggregate base course in accordance with CoRR Spec 310.
- [3] Perform 7" of unclassified excavation of subgrade (+/- 2") to maintain final elevation & slope of pavement.
- [4] Contractor to remove and replace concrete valley gutter stones that have been agreed to by the City's PM. Replacement of valley gutter shall be in accordance with detail on sheet 9-8.

General Notes:

- 1) Refer to ADD/ALT 1 for removals of existing asphalt & base course details in accordance with corresponding matchlines/sheets.
- 2) For pavement section, refer to detail on sheet 9-3.
- 3) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.





PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 3

SHEET
7 - 8



Legend

- Stationing Points
- MatchLines
- Reconstruction

General Notes:

- 1) Refer to ADD/ALT 1 for removals of existing asphalt & base course details in accordance with corresponding matchlines/sheets.
- 2) For pavement section, refer to detail on sheet 9-3.
- 3) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.



Keyed Notes:

- [1] Install 5.5" of SP-III asphalt in two lifts, the bottom lift shall be a 3" lift and the second lift shall be a 2.5" lift, per CoRR Specs 405 & 435.
- [2] Install 6" aggregate base course in accordance with CoRR Spec 310.
- [3] Perform 7" of unclassified excavation of subgrade (+/- 2") to maintain final elevation & slope of pavement.

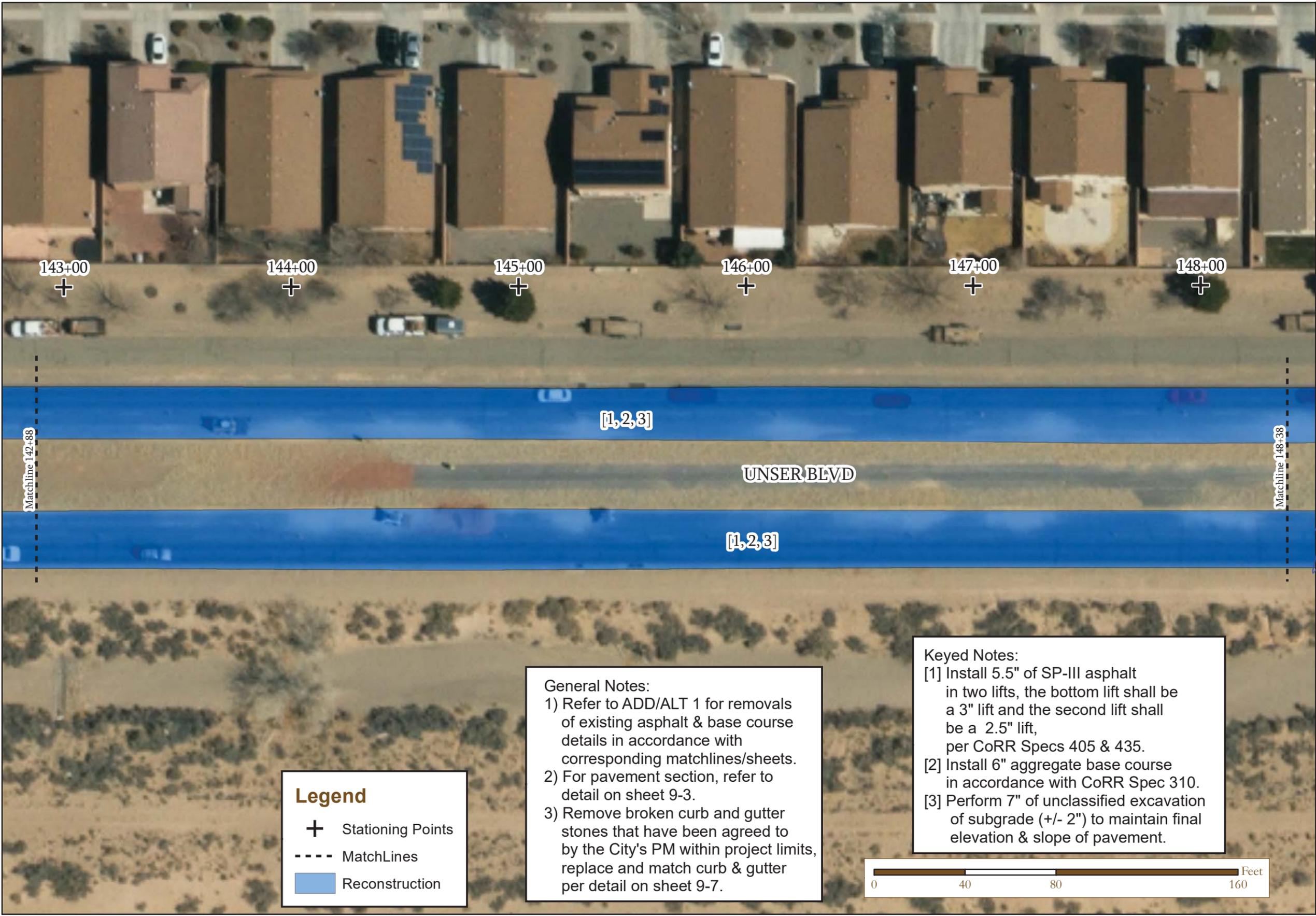


PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 3

SHEET
7 - 9



Legend

- Stationing Points
- MatchLines
- Reconstruction

General Notes:

- 1) Refer to ADD/ALT 1 for removals of existing asphalt & base course details in accordance with corresponding matchlines/sheets.
- 2) For pavement section, refer to detail on sheet 9-3.
- 3) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.

Keyed Notes:

- [1] Install 5.5" of SP-III asphalt in two lifts, the bottom lift shall be a 3" lift and the second lift shall be a 2.5" lift, per CoRR Specs 405 & 435.
- [2] Install 6" aggregate base course in accordance with CoRR Spec 310.
- [3] Perform 7" of unclassified excavation of subgrade (+/- 2") to maintain final elevation & slope of pavement.



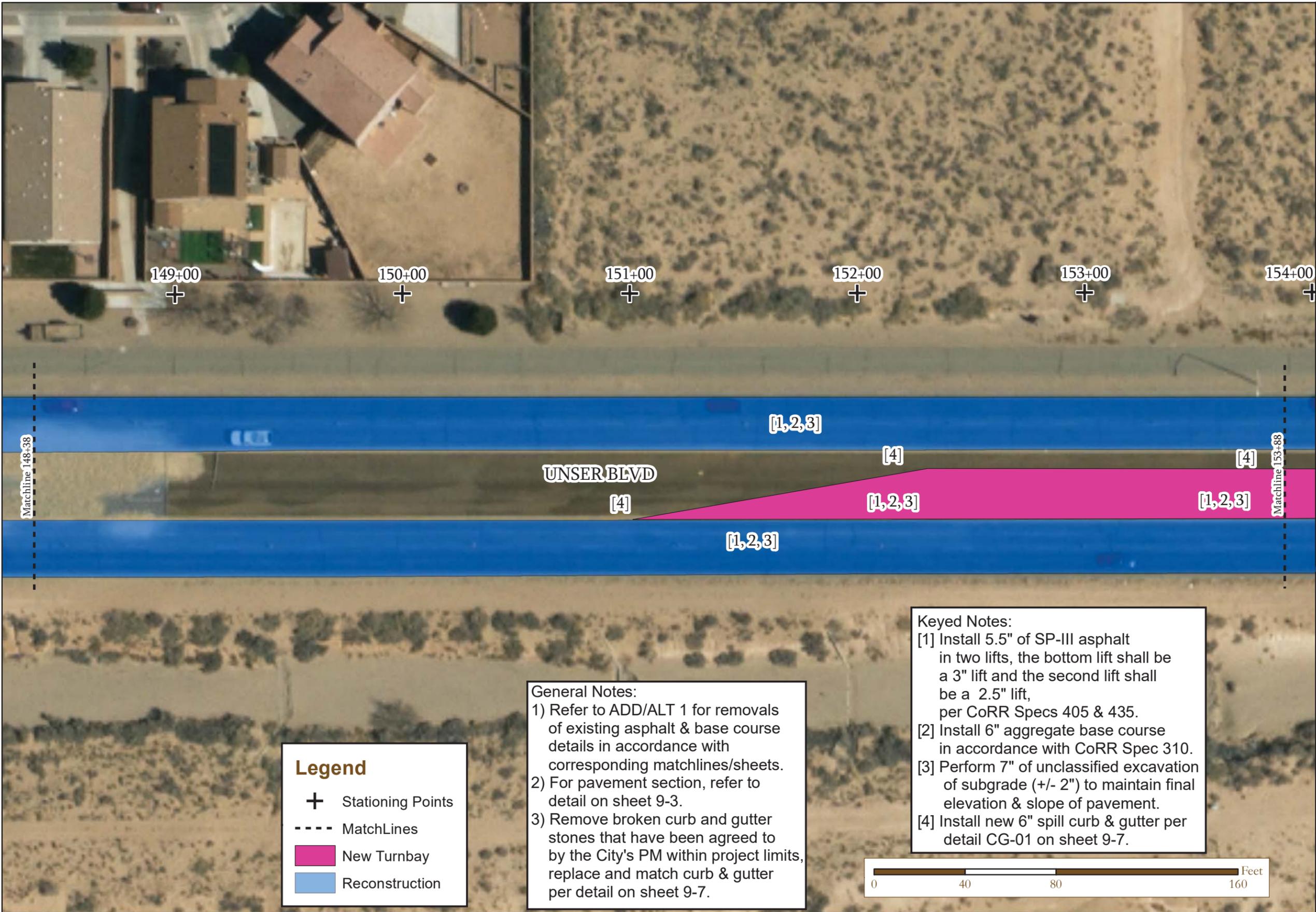


PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 3

SHEET
7 - 10



Legend

- ✚ Stationing Points
- - - MatchLines
- █ New Turnbay
- █ Reconstruction

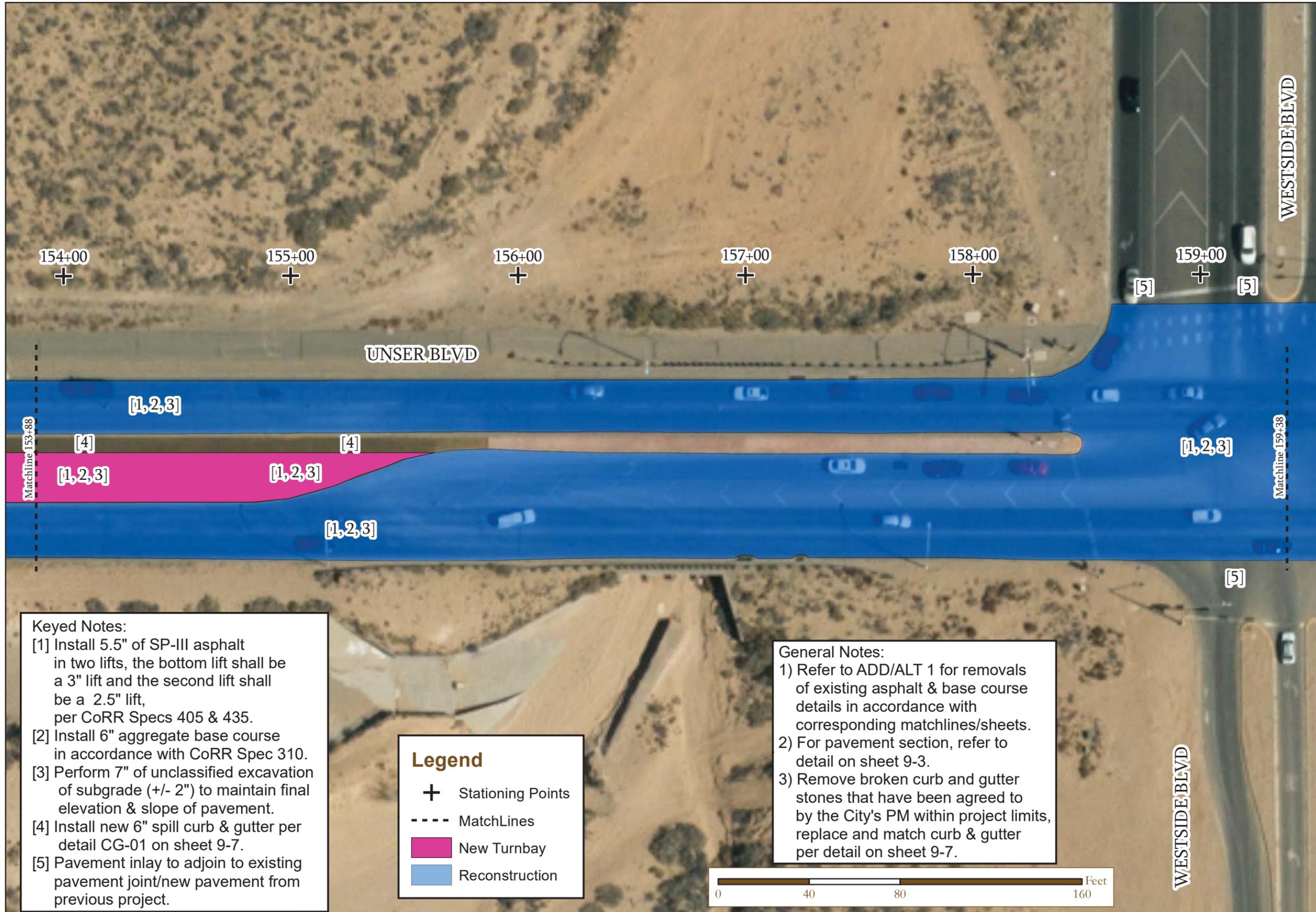
General Notes:

- 1) Refer to ADD/ALT 1 for removals of existing asphalt & base course details in accordance with corresponding matchlines/sheets.
- 2) For pavement section, refer to detail on sheet 9-3.
- 3) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.

Keyed Notes:

- [1] Install 5.5" of SP-III asphalt in two lifts, the bottom lift shall be a 3" lift and the second lift shall be a 2.5" lift, per CoRR Specs 405 & 435.
- [2] Install 6" aggregate base course in accordance with CoRR Spec 310.
- [3] Perform 7" of unclassified excavation of subgrade (+/- 2") to maintain final elevation & slope of pavement.
- [4] Install new 6" spill curb & gutter per detail CG-01 on sheet 9-7.





Keyed Notes:

- [1] Install 5.5" of SP-III asphalt in two lifts, the bottom lift shall be a 3" lift and the second lift shall be a 2.5" lift, per CoRR Specs 405 & 435.
- [2] Install 6" aggregate base course in accordance with CoRR Spec 310.
- [3] Perform 7" of unclassified excavation of subgrade (+/- 2") to maintain final elevation & slope of pavement.
- [4] Install new 6" spill curb & gutter per detail CG-01 on sheet 9-7.
- [5] Pavement inlay to adjoin to existing pavement joint/new pavement from previous project.

Legend

- + Stationing Points
- - - MatchLines
- █ New Turnbay
- █ Reconstruction

General Notes:

- 1) Refer to ADD/ALT 1 for removals of existing asphalt & base course details in accordance with corresponding matchlines/sheets.
- 2) For pavement section, refer to detail on sheet 9-3.
- 3) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.



PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 3

SHEET
7 - II

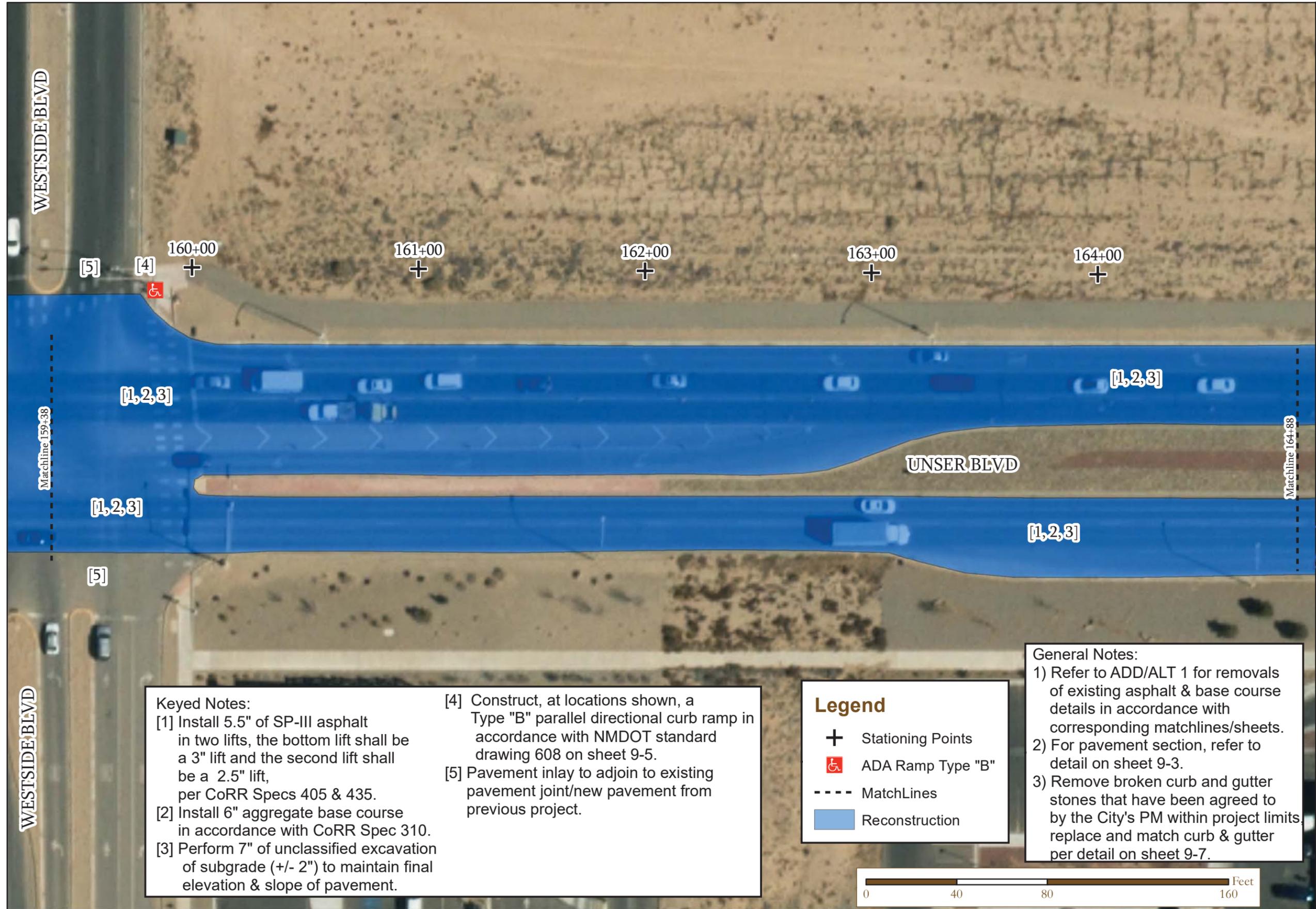


PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 3

SHEET
7 - 12



Keyed Notes:

[1] Install 5.5" of SP-III asphalt in two lifts, the bottom lift shall be a 3" lift and the second lift shall be a 2.5" lift, per CoRR Specs 405 & 435.

[2] Install 6" aggregate base course in accordance with CoRR Spec 310.

[3] Perform 7" of unclassified excavation of subgrade (+/- 2") to maintain final elevation & slope of pavement.

[4] Construct, at locations shown, a Type "B" parallel directional curb ramp in accordance with NMDOT standard drawing 608 on sheet 9-5.

[5] Pavement inlay to adjoin to existing pavement joint/new pavement from previous project.

Legend

- + Stationing Points
- ♿ ADA Ramp Type "B"
- - - MatchLines
- Reconstruction

General Notes:

- 1) Refer to ADD/ALT 1 for removals of existing asphalt & base course details in accordance with corresponding matchlines/sheets.
- 2) For pavement section, refer to detail on sheet 9-3.
- 3) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits replace and match curb & gutter per detail on sheet 9-7.



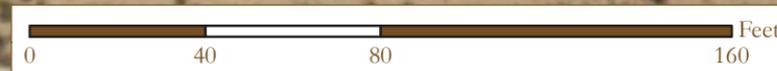
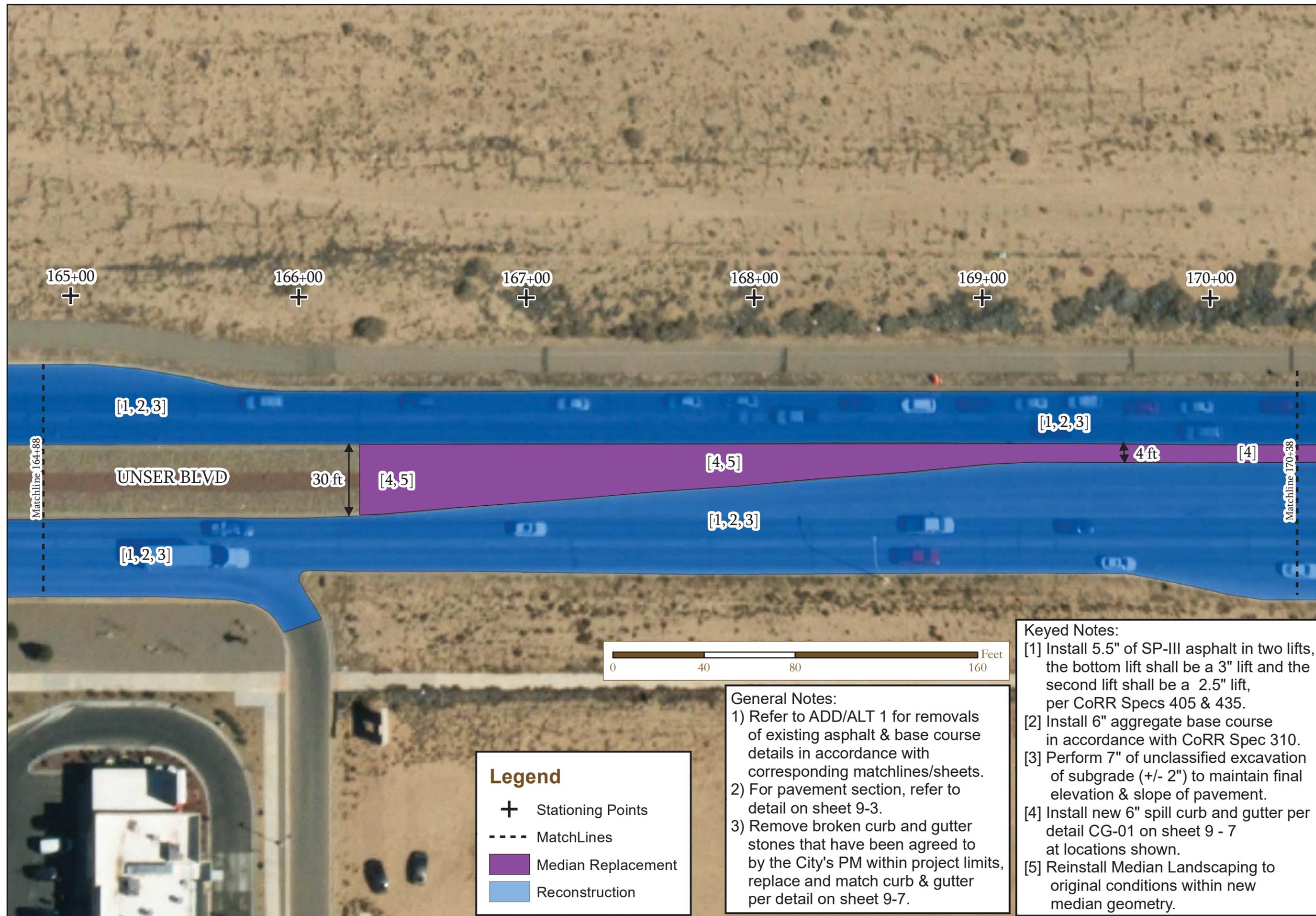


PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 3

SHEET
7 - 13



Legend

- ⊕ Stationing Points
- - - MatchLines
- Median Replacement
- Reconstruction

General Notes:

- 1) Refer to ADD/ALT 1 for removals of existing asphalt & base course details in accordance with corresponding matchlines/sheets.
- 2) For pavement section, refer to detail on sheet 9-3.
- 3) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.

Keyed Notes:

- [1] Install 5.5" of SP-III asphalt in two lifts, the bottom lift shall be a 3" lift and the second lift shall be a 2.5" lift, per CoRR Specs 405 & 435.
- [2] Install 6" aggregate base course in accordance with CoRR Spec 310.
- [3] Perform 7" of unclassified excavation of subgrade (+/- 2") to maintain final elevation & slope of pavement.
- [4] Install new 6" spill curb and gutter per detail CG-01 on sheet 9 - 7 at locations shown.
- [5] Reinstall Median Landscaping to original conditions within new median geometry.



PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



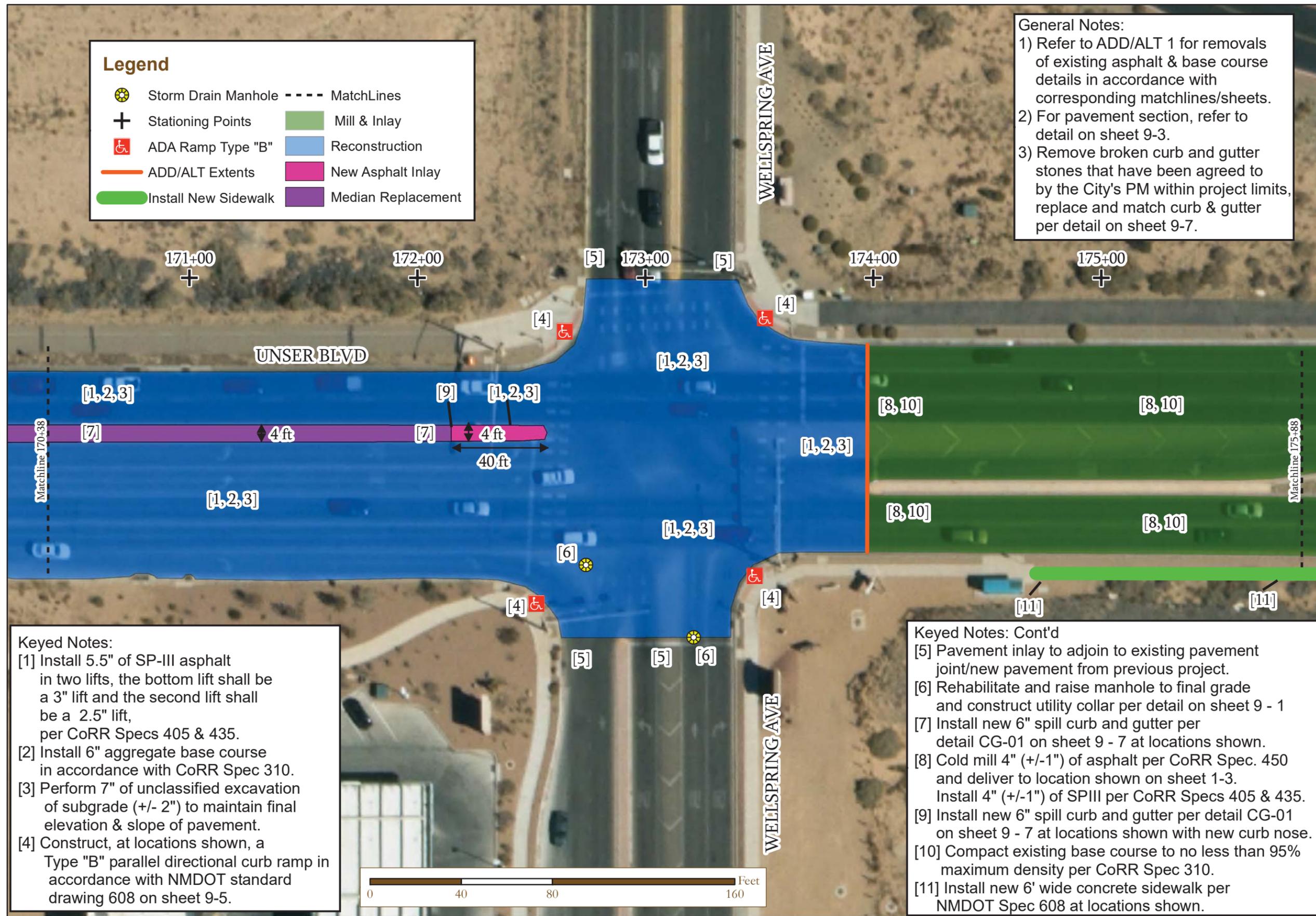
PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 3

SHEET
7 - 14

General Notes:
 1) Refer to ADD/ALT 1 for removals of existing asphalt & base course details in accordance with corresponding matchlines/sheets.
 2) For pavement section, refer to detail on sheet 9-3.
 3) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.

Legend

- Storm Drain Manhole
- Stationing Points
- ADA Ramp Type "B"
- ADD/ALT Extents
- Install New Sidewalk
- MatchLines
- Mill & Inlay
- Reconstruction
- New Asphalt Inlay
- Median Replacement



Keyed Notes:
 [1] Install 5.5" of SP-III asphalt in two lifts, the bottom lift shall be a 3" lift and the second lift shall be a 2.5" lift, per CoRR Specs 405 & 435.
 [2] Install 6" aggregate base course in accordance with CoRR Spec 310.
 [3] Perform 7" of unclassified excavation of subgrade (+/- 2") to maintain final elevation & slope of pavement.
 [4] Construct, at locations shown, a Type "B" parallel directional curb ramp in accordance with NMDOT standard drawing 608 on sheet 9-5.

Keyed Notes: Cont'd
 [5] Pavement inlay to adjoin to existing pavement joint/new pavement from previous project.
 [6] Rehabilitate and raise manhole to final grade and construct utility collar per detail on sheet 9 - 1
 [7] Install new 6" spill curb and gutter per detail CG-01 on sheet 9 - 7 at locations shown.
 [8] Cold mill 4" (+/-1") of asphalt per CoRR Spec. 450 and deliver to location shown on sheet 1-3. Install 4" (+/-1") of SPIII per CoRR Specs 405 & 435.
 [9] Install new 6" spill curb and gutter per detail CG-01 on sheet 9 - 7 at locations shown with new curb nose.
 [10] Compact existing base course to no less than 95% maximum density per CoRR Spec 310.
 [11] Install new 6' wide concrete sidewalk per NMDOT Spec 608 at locations shown.





PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 3

SHEET
7 - 15

General Notes:
1) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.

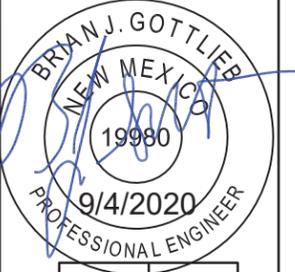


Keyed Notes:
 [1] Cold mill 4" (+/-1") of asphalt per CoRR Spec. 450 and deliver to location shown on sheet 1-3. Install 4" (+/-1") of SPIII per CoRR Specs 405 & 435.
 [2] Compact existing base course to no less than 95% maximum density per CoRR Spec 310.
 [3] Remove and dispose of existing curb ramp and construct, at locations shown, a Type "A" single diagonal parallel curb ramp in accordance with NMDOT standard drawing 608 on sheet 9-4.
 [4] Install new 6' wide concrete sidewalk per NMDOT Spec 608 at locations shown.

Legend
 + Stationing Points
 - - - MatchLines
 ADA Ramp Type "A"
 Install New Sidewalk
 Mill and Inlay



PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

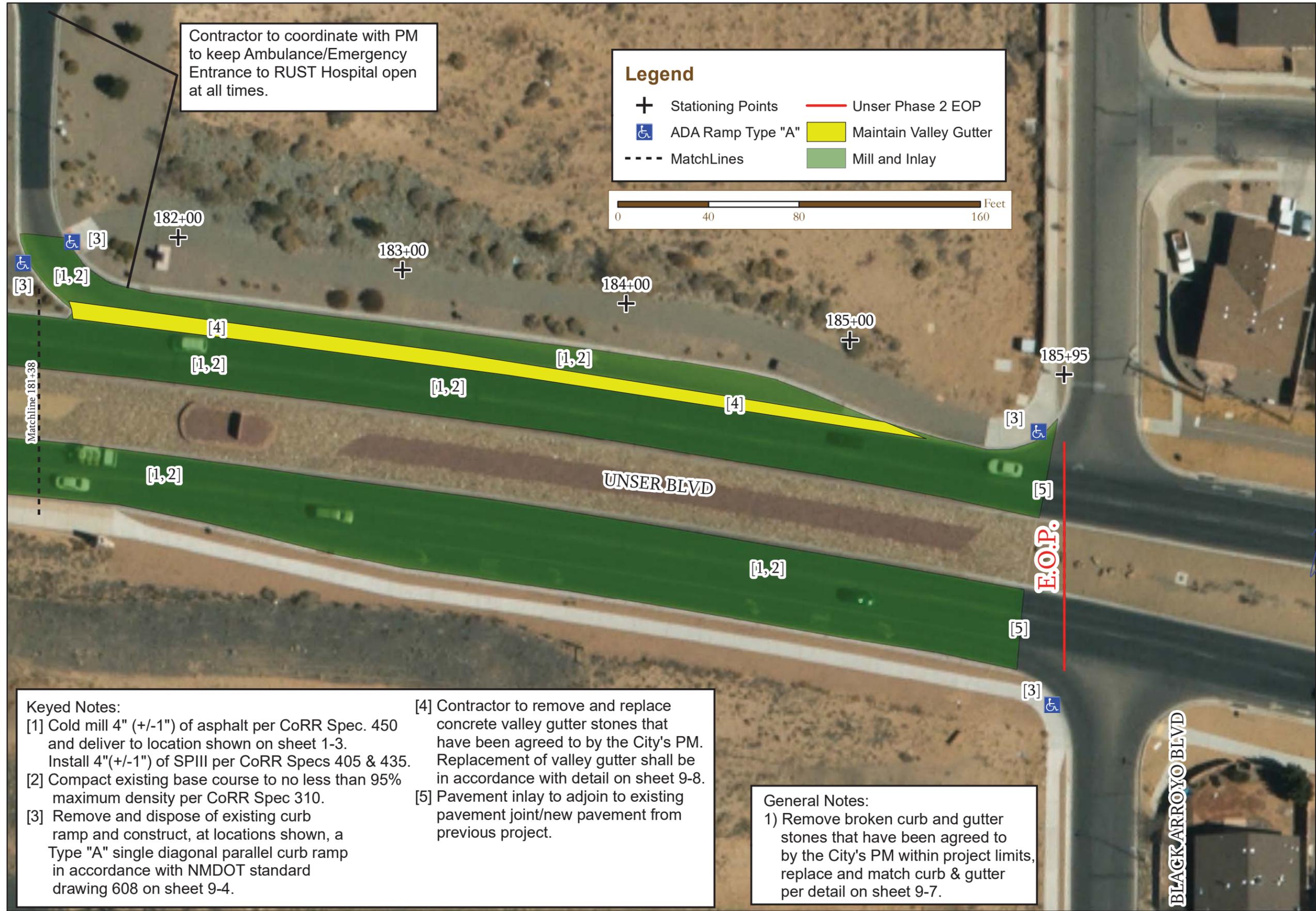


PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 3

SHEET
7 - 16

Legend

+	Stationing Points	—	Unser Phase 2 EOP
♿	ADA Ramp Type "A"	■	Maintain Valley Gutter
- - -	MatchLines	■	Mill and Inlay



Contractor to coordinate with PM to keep Ambulance/Emergency Entrance to RUST Hospital open at all times.

Keyed Notes:

- [1] Cold mill 4" (+/-1") of asphalt per CoRR Spec. 450 and deliver to location shown on sheet 1-3. Install 4" (+/-1") of SPIII per CoRR Specs 405 & 435.
- [2] Compact existing base course to no less than 95% maximum density per CoRR Spec 310.
- [3] Remove and dispose of existing curb ramp and construct, at locations shown, a Type "A" single diagonal parallel curb ramp in accordance with NMDOT standard drawing 608 on sheet 9-4.
- [4] Contractor to remove and replace concrete valley gutter stones that have been agreed to by the City's PM. Replacement of valley gutter shall be in accordance with detail on sheet 9-8.
- [5] Pavement inlay to adjoin to existing pavement joint/new pavement from previous project.

General Notes:
1) Remove broken curb and gutter stones that have been agreed to by the City's PM within project limits, replace and match curb & gutter per detail on sheet 9-7.

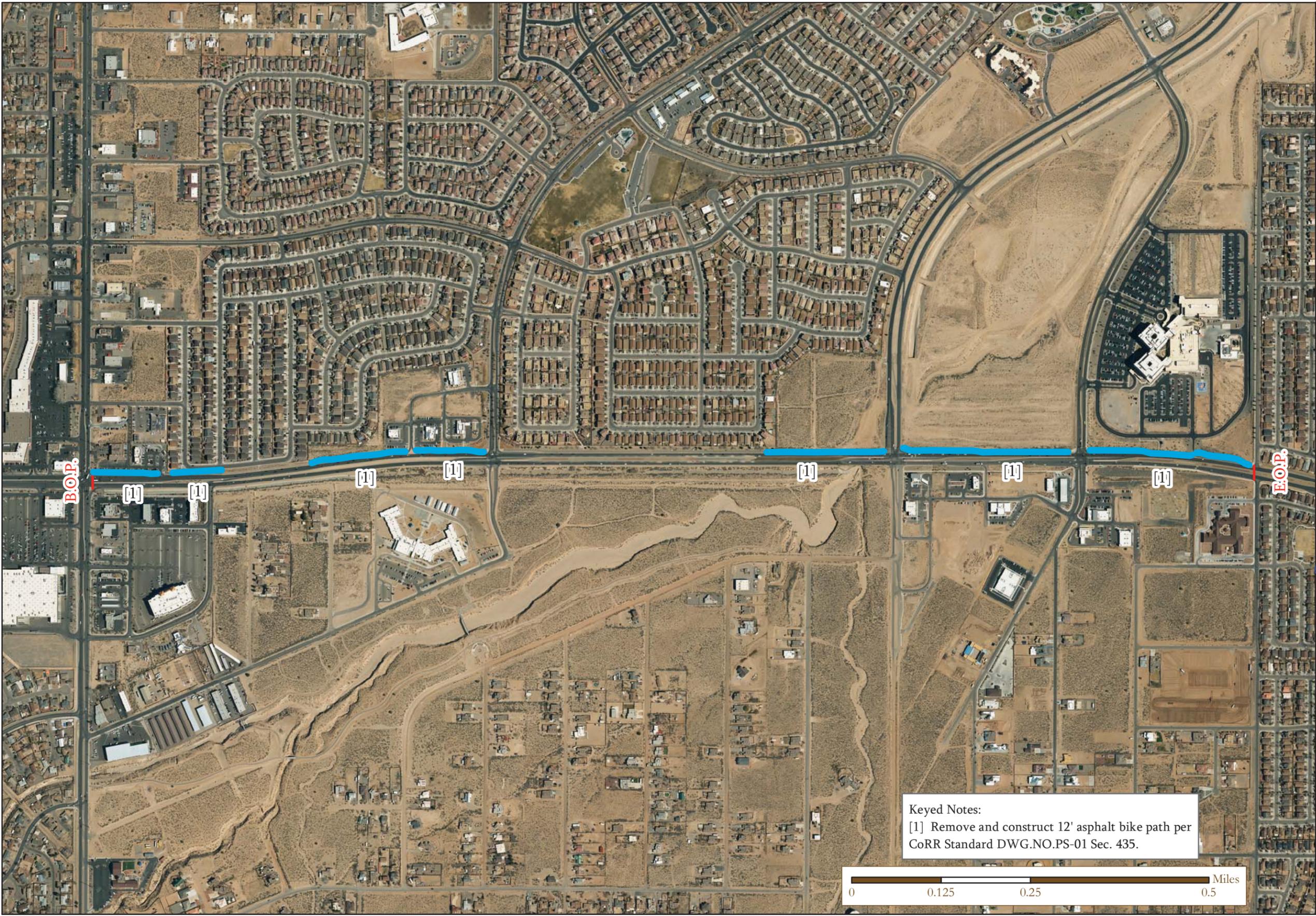


PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
ADD/ALT 4 BIKE PATH

SHEET
8-1

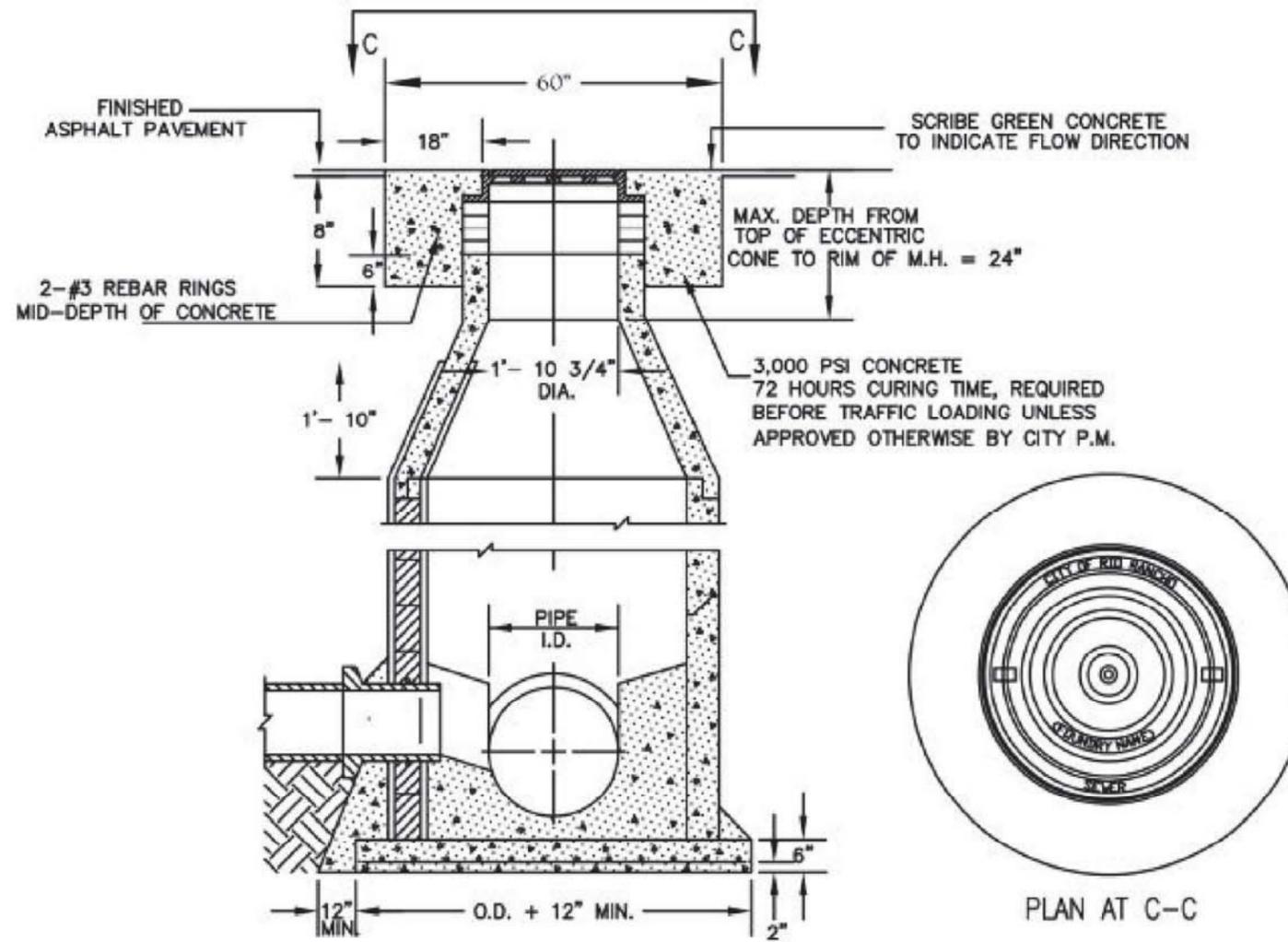


Keyed Notes:
[1] Remove and construct 12' asphalt bike path per
CoRR Standard DWG.NO.PS-01 Sec. 435.





PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



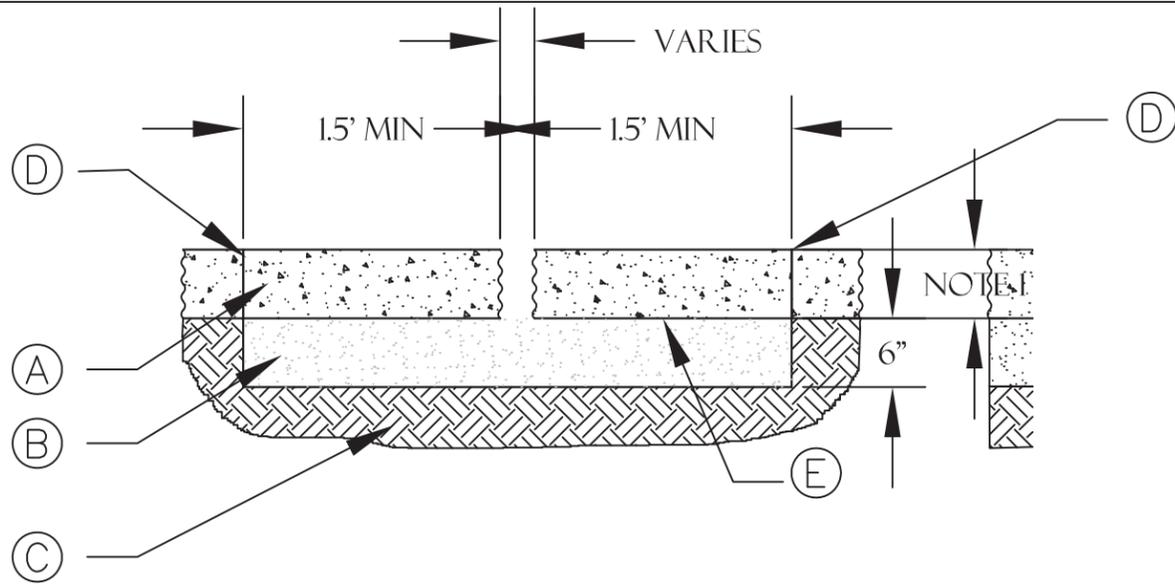
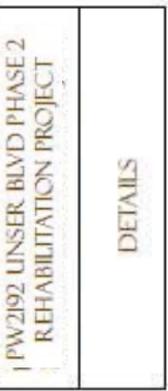
COLLAR DETAIL
FOR EXISTING MANHOLE

COLLAR DIMENSIONS
 MANHOLES: 60" OUTSIDE DIAMETER - 18"
 WATER VALVES: 21" OUTSIDE DIAMETER - 6"
 SEWER CLEAN OUT: 21" DIAMETER - 6"
 PRV VAULT: 66" OUTSIDE DIAMETER - 18"

IPW/2192 LINER BLVD PHASE 2
REHABILITATION PROJECT

DETAILS

SHEET
9 - 1



KEYED NOTES:

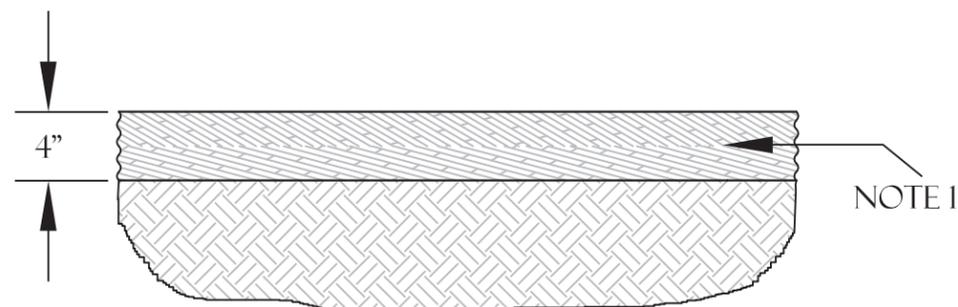
- (A) ASPHALT CONCRETE TYPE SP-IV, PER CITY OF RIO RANCHO SPECIFICATIONS 405 & 435 PLACED IN 2 - 2" LIFTS.
- (B) OVER EXCAVATE AND REFILL WITH BASE COURSE IN ACCORDANCE WITH CITY OF RIO RANCHO SPECIFICATION 310.
- (C) UNDISTURBED EARTH, 95% MIN. COMPACTION PER ASTM D 1557.
- (D) NEAT LINE CUT PAVEMENT PER CITY OF RIO RANCHO SPECIFICATION 470, APPLY TACK COAT, PER CITY OF RIO RANCHO SPECIFICATION 425.
- (E) PRIME COAT, PER CITY OF RIO RANCHO SPECIFICATION 420, OR SUBGRADE SHALL BE MOISTURE CONTROLLED AT COMPACTION MOISTURE RANGE.

GENERAL NOTES:

- I. EXISTING PAVEMENT TO BE MILLED 2" LEAVING 2" OF ASPHALT TO PATCHED.

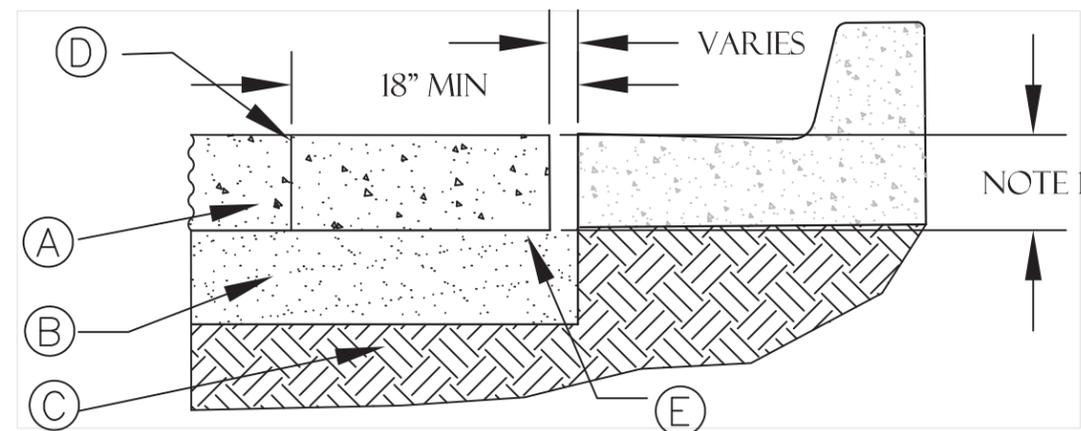
CRACK PATCH AND RECONSTRUCT SECTION (TYP)

NOT TO SCALE



EXISTING PAVEMENT

NOT TO SCALE



DETAILS

SHEET

9-2

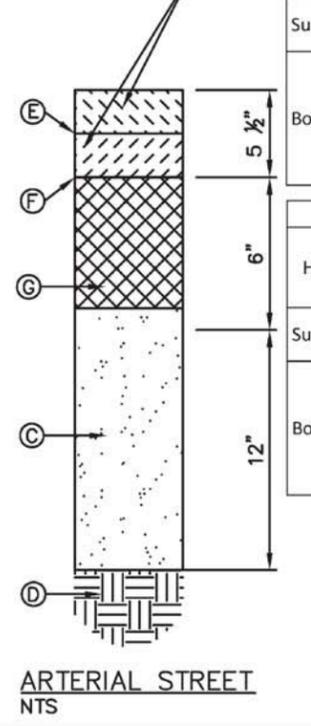
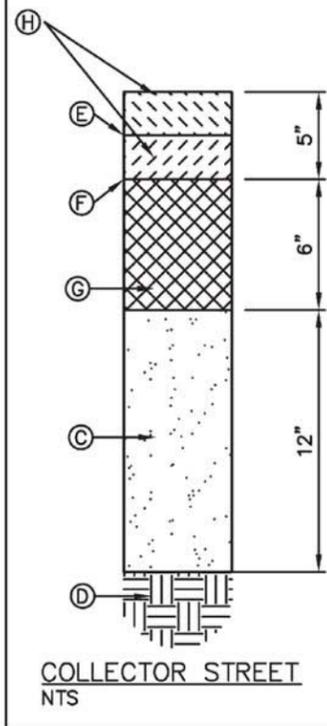
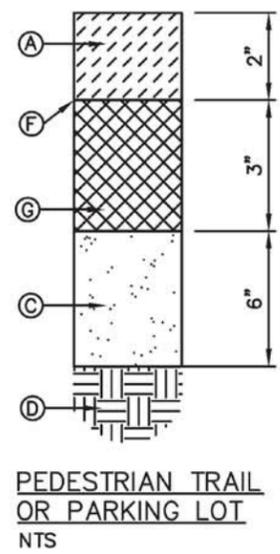
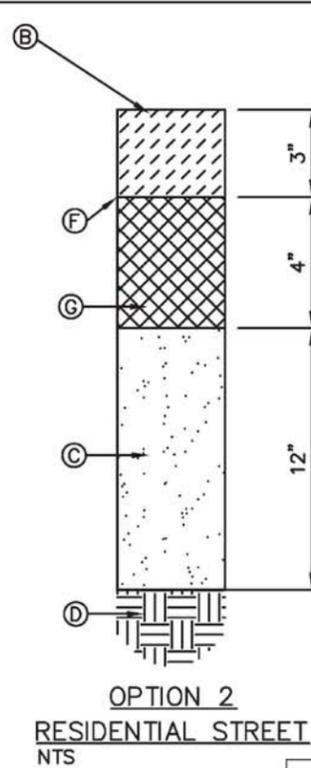
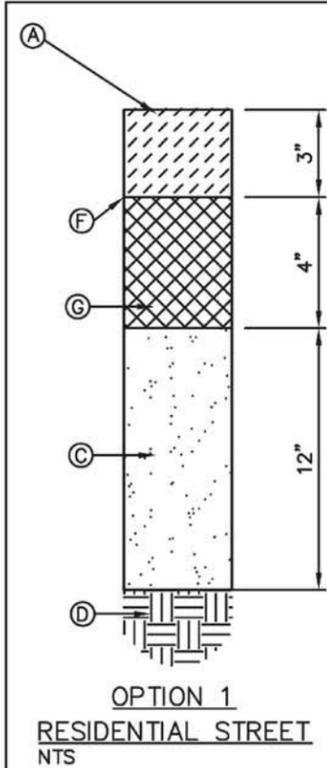


PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT

DETAILS

SHEET
9 - 3



KEYED NOTES:

- (A) ASPHALT CONCRETE TYPE SP-IV, PLACED IN LIFTS AS SHOWN
- (B) ASPHALT CONCRETE TYPE SP-III, PLACED IN LIFTS AS SHOWN.
- (C) SUBGRADE PREPARATION, 95% MIN. COMPACTION PER ASTM D 1557.
- (D) COMPACTED FILL OR UNDISTURBED EARTH, 90% MIN. COMPACTION PER ASTM D 1557.
- (E) TACK COAT, AS REQUIRED BY THE ENGINEER.
- (F) PRIME COAT, AS REQUIRED BY THE ENGINEER, OR BASE COURSE SHALL BE MOISTURE CONTROLLED AT COMPACTION MOISTURE RANGE.
- (G) AGGREGATE BASE COURSE.
- (H) ASPHALT MATERIAL AND PG BINDER TO BE IN ACCORDANCE WITH TABLE 1A OR 1B. CONSTRUCTION PLANS WILL SPECIFY. ASPHALT LIFT THICKNESS SHALL COMPLY WITH THE STANDARDS SET HERETO.

GENERAL NOTES:

1. ANY DEVIATIONS FROM THESE STANDARDS SHALL BE SUBMITTED TO THE CITY FOR PRIOR APPROVAL.
2. ALL WORK IN PUBLIC RIGHT-OF-WAY SHALL BE CONSTRUCTED BY A LICENSED CONTRACTOR AND REQUIRES PERMIT AND APPROVAL BY THE CITY.
3. IN LIEU OF USING THE MINIMUM PAVEMENT DESIGN PROVIDED ON PS-01, A PROJECT/SITE SPECIFIC PAVEMENT DESIGN, INCLUDING BASE COURSE, MAY BE SUBMITTED FOR APPROVAL BY THE CITY. DESIGN MUST CONFORM TO THE AASHTO GUIDE FOR DESIGN OF PAVEMENT STRUCTURES PROCEDURE, 1993 (OR CURRENT EDITION IF APPLICABLE), USING A MINIMUM OF 10 ESALs. NOMOGRAPHS SHALL NOT BE USED.
4. AN ASPHALT CERT. LETTER SHALL BE PROVIDED TO THE CITY BEFORE ANY PAVING BEGINS. THIS CERT. MUST REFERENCE AN APPROVED/CURRENT MIX DESIGN FROM THE NMDOT. PLEASE STATE CLEARLY THE SML MIX DESIGN NUMBER & NMDOT LAB NUMBER.
5. THE ASPHALT BINDER SHALL BE PG 64-22 IN COMPLIANCE WITH APPENDIX A OF THE 2008 NMDOT PAVEMENT DESIGN DIRECTIVE. IT MAY BE ADJUSTED BASED ON TABLE 1A OR 1B AND THE 20-YEAR DESIGN ESALS IN ACCORDANCE WITH TABLE A-7 BELOW.

Table 1A: New Construction or Complete Reconstruction

HMA Layer	Material	20-Year Traffic ESALs			
		< 10 Million		≥ 10 Million	
Surface Layer	HMA	< 5.5" New HMA	≥ 5.5" New HMA	< 8" New HMA	≥ 8" New HMA
	PG Binder	PG 64-22 Adjusted for ESALs and Traffic Speed			
Bottom Layer	HMA	Same SP Material as Surface	SP-III for remainder of thickness	Same SP Material as Surface	SP-II for remainder of thickness
	PG Binder	Same as Surface	64-22; No Adjustment	Same as Surface	64-22; No Adjustment

Table 1B: Rehabilitation or Overlay Construction

HMA Layer	Material	20-Year Traffic ESALs			
		< 10 Million		≥ 10 Million	
Surface Layer	HMA	< 5.5" New HMA	≥ 5.5" New HMA	< 8" New HMA	≥ 8" New HMA
	PG Binder	PG 64-22 Adjusted for ESALs and Traffic Speed			
Bottom Layer	HMA	Same SP Material as Surface	SP-III for remainder of thickness	Same SP Material as Surface	SP-II for remainder of thickness
	PG Binder	Same PG Binder as Surface			

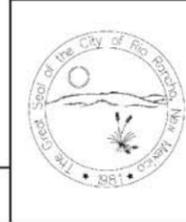
Table A-7: PG Base Grade Modification

20-Year Design ESALs (Millions)	Adjustments to PG Base Grade Binder ¹		
	Traffic Loading Rate		
	Standing ²	Slow ³	Standard ⁴
< 0.3	1	-	-
0.3 to < 3	2	1	-
3 to < 10	2	1	-
> 10	2	1	1

1. Increase the high end temperature grade by the number of grade(s) indicated (one grade is equivalent to 6°C)
2. Average traffic speed is less than 15 mph.
3. The average traffic speed ranges from 15 mph to less than 45 mph.
4. The average traffic speed is 45 mph or greater.

HMA Type	Lift Thickness (Inches)	
	Minimum	Maximum
SP-II	3	3.5
SP-III	2.5	3.5
SP-IV	1.5	3

DATE MODIFIED: NOV 06, 2017



City of Rio Rancho
Department of Public Works

PAVEMENT SECTIONS

DWG. NO. PS-01 MAY 22, 2008

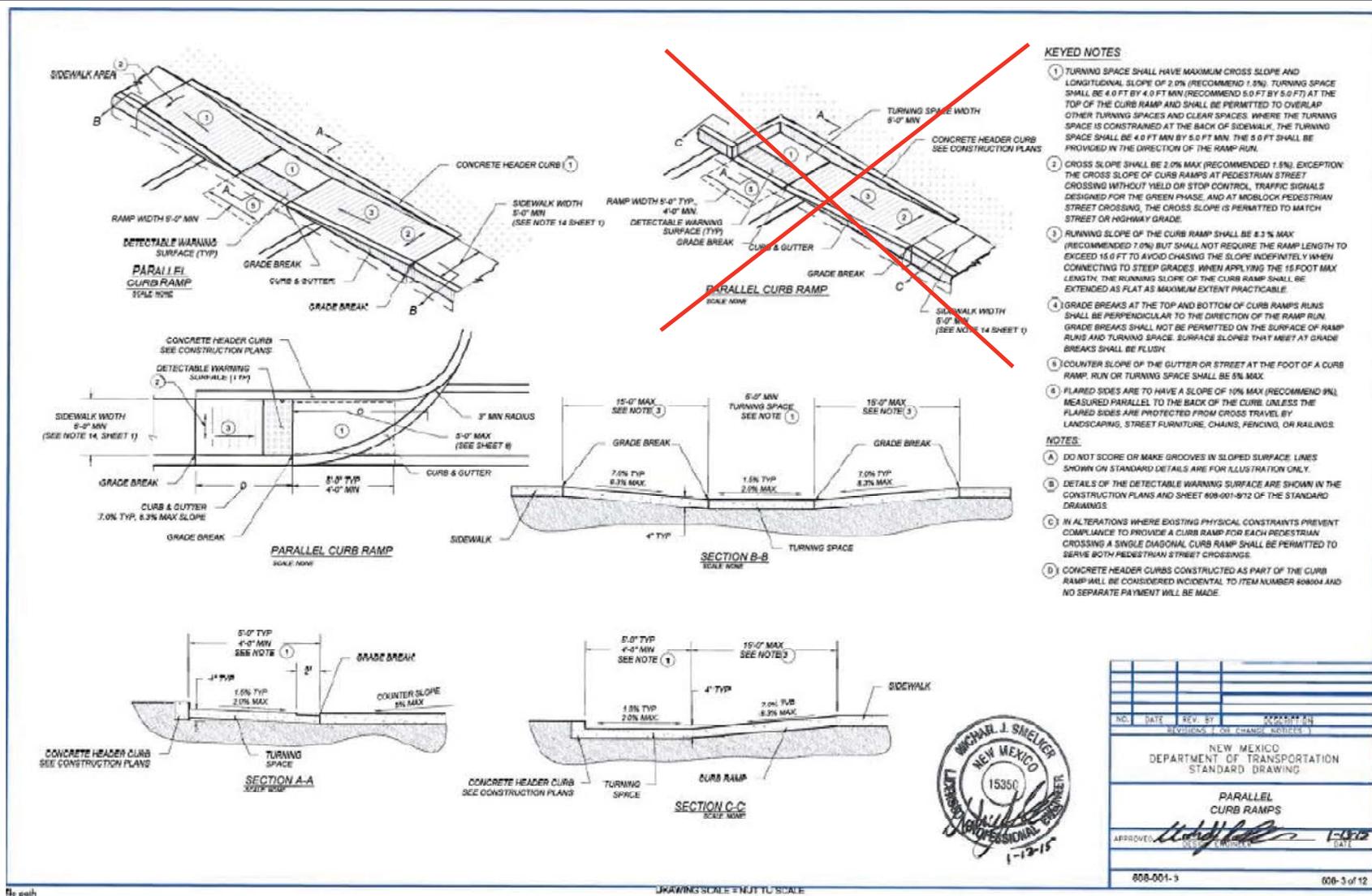


PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

PW2092 UNSER BLVD PHASE 2
REHABILITATION PROJECT

DETAILS

SHEET
9 - 4



NO.	DATE	REV. BY	DESCRIPTION

NEW MEXICO
DEPARTMENT OF TRANSPORTATION
STANDARD DRAWING

PARALLEL
CURB RAMPS

APPROVED: *[Signature]* DATE: 1-12-15

608-001-3 608-3 of 12

No push

DRAWINGS SCALE = 1/4" = 1'-0" SCALE

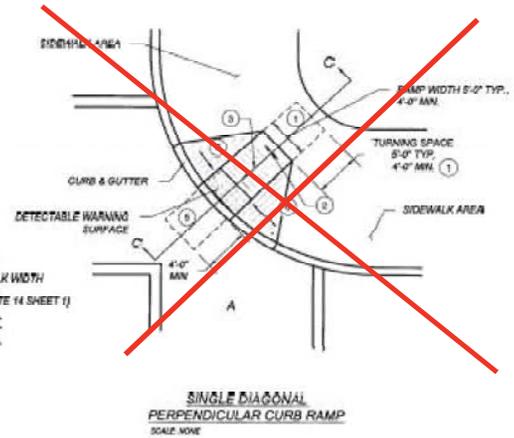
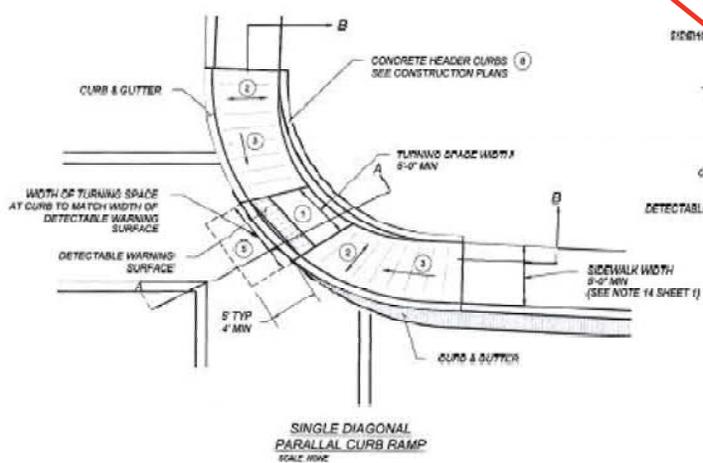


PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT

DETAILS

SHEET
9 - 5

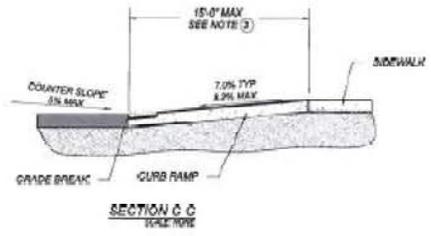
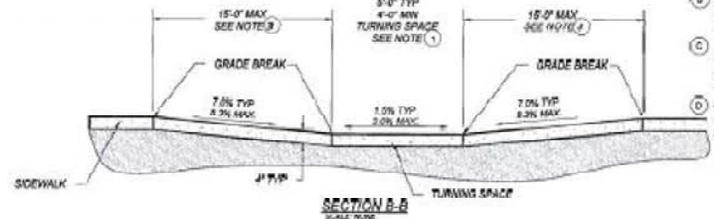
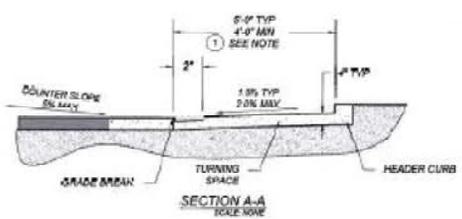


KEYED NOTES

- 1 TURNING SPACE SHALL HAVE MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 2% (RECOMMEND 1.5%). TURNING SPACE SHALL BE 4.0 FT BY 4.0 FT MIN (RECOMMEND 5.0 FT BY 5.0 FT) AT THE TOP OF THE CURB RAMP AND SHALL BE PERMITTED TO OVERLAP OTHER TURNING SPACES AND CLEAR SPACES. WHERE THE TURNING SPACE IS CONSTRAINED AT THE BACK OF SIDEWALK, THE TURNING SPACE SHALL BE 4.0 FT MIN BY 5.0 FT MIN. THE 5.0 FT SHALL BE PROVIDED IN THE DIRECTION OF THE RAMP RUN.
- 2 CROSS SLOPE SHALL BE 2.0% MAX (RECOMMENDED 1.5%). EXCEPTION: THE CROSS SLOPE OF CURB RAMPS AT PEDESTRIAN STREET CROSSINGS WITHOUT YIELD OR STOP CONTROL, TRAFFIC SIGNALS DESIGNED FOR THE GREEN PHASE, AND AT MOBILITY PEDESTRIAN STREET CROSSING, THE CROSS SLOPE IS PERMITTED TO MATCH STREET OR HIGHWAY GRADE.
- 3 RUNNING SLOPE OF THE CURB RAMP SHALL BE 8.3% MAX (RECOMMENDED 7.0%) BUT SHALL NOT REQUIRE THE RAMP LENGTH TO EXCEED 15.0 FT TO AVOID CHASING THE SLOPE INDEFINITELY WHEN CONNECTING TO STEEP GRADES. WHEN APPLYING THE 15 FOOT MAX LENGTH, THE RUNNING SLOPE OF THE CURB RAMP SHALL BE EXTENDED AS FLAT AS MAXIMUM EXTENT PRACTICABLE.
- 4 GRADE BREAKS AT THE TOP AND BOTTOM OF CURB RAMPS RUNS SHALL BE PERPENDICULAR TO THE DIRECTION OF THE RAMP RUN. GRADE BREAKS SHALL NOT BE PERMITTED ON THE SURFACE OF RAMP RUNS AND TURNING SPACE. SURFACE SLOPES THAT MEET AT GRADE BREAKS SHALL BE FLUSH.
- 5 COUNTER SLOPE OF THE GUTTER OR STREET AT THE FOOT OF A CURB RAMP, RUN OR TURNING SPACE SHALL BE 5% MAX.
- 6 FLARED SIDES ARE TO HAVE A SLOPE OF 10% MAX (RECOMMEND 5%). MEASURED PARALLEL TO THE BACK OF THE CURB, UNLESS THE FLARED SIDES ARE PROTECTED FROM CROSS TRAVEL BY LANDSCAPING, STREET FURNITURE, CHAINS, FENCING, OR RAILINGS.

NOTES

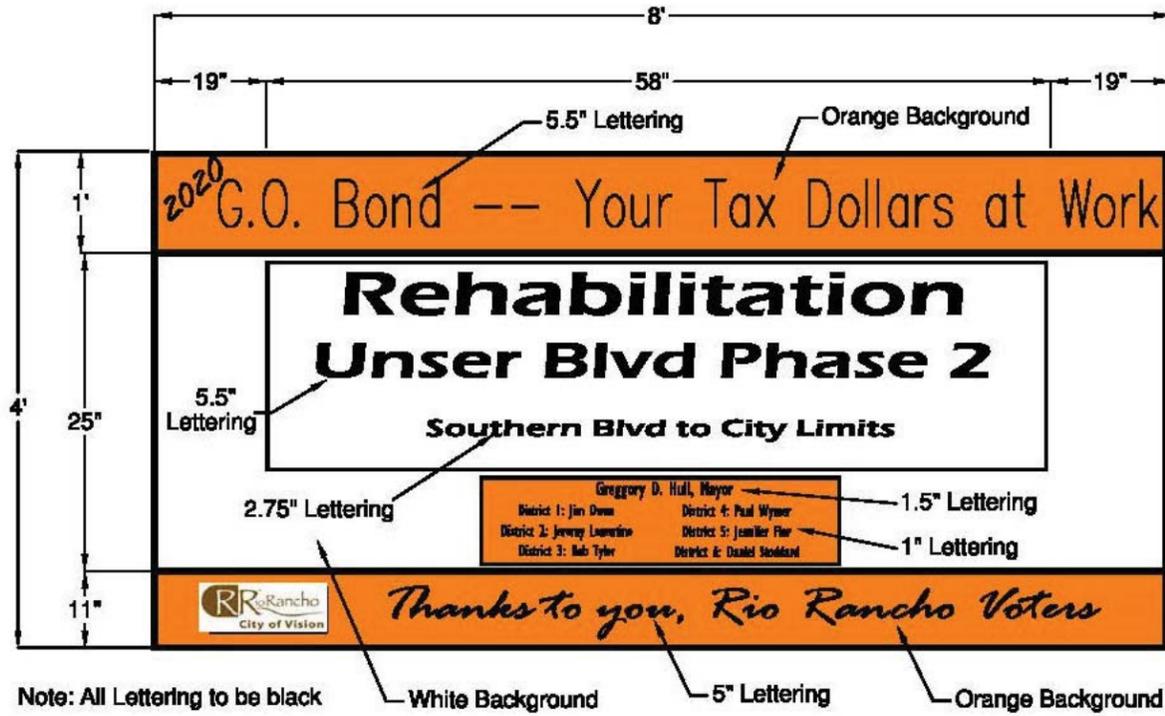
- A DO NOT SCORE OR MAKE GROOVES IN SLOPED SURFACE. LINES SHOWN ON STANDARD DETAILS ARE FOR ILLUSTRATION ONLY.
- B DETAILS OF THE DETECTABLE WARNING SURFACE ARE SHOWN IN THE CONSTRUCTION PLANS AND SHEET 608-001-6/12 OF THE STANDARD DRAWINGS.
- C IN ALL ALTERATIONS WHERE EXISTING PHYSICAL CONSTRAINTS PREVENT COMPLIANCE TO PROVIDE A CURB RAMP FOR EACH PEDESTRIAN CROSSING A SINGLE DIAGONAL CURB RAMP SHALL BE PERMITTED TO SERVE BOTH PEDESTRIAN STREET CROSSINGS.
- D CONCRETE HEADER CURBS CONSTRUCTED AS PART OF THE CURB RAMP WILL BE CONSIDERED INCIDENTAL TO ITEM NUMBER 60804 AND NO SEPARATE PAYMENT WILL BE MADE.



NO.	DATE	REV. BY	DESCRIPTION
			REVISIONS OR CHANGE NOTICES
NEW MEXICO DEPARTMENT OF TRANSPORTATION STANDARD DRAWING			
DIAGONAL CURB RAMPS			
APPROVED:	<i>Michael J. Smelker</i>	DATE:	1-18-18
608-001-4		608-4 of 12	

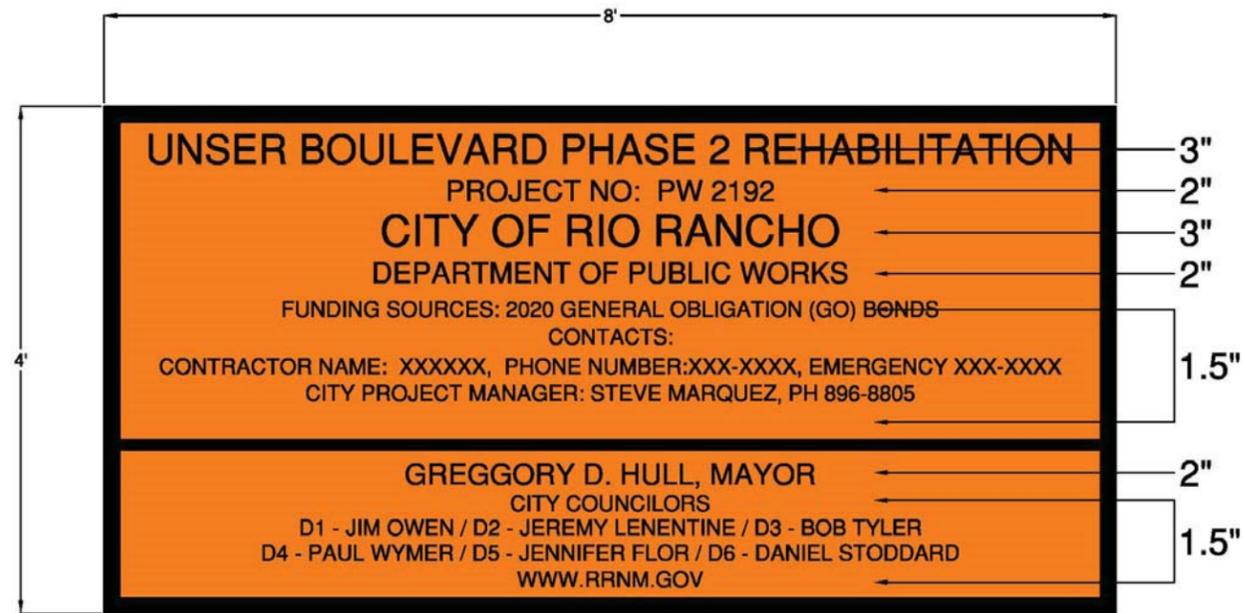
No path

DRAWING SCALE: 1/4" = 1'-0"



City Project Information Sign

Scale: 1/4" = 1'



City Project Information Sign

General Notes:

1) Signs must be placed at the B.O.P. and E.O.P



PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

PW 2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT
SIGN DETAIL

SHEET
9 - 6

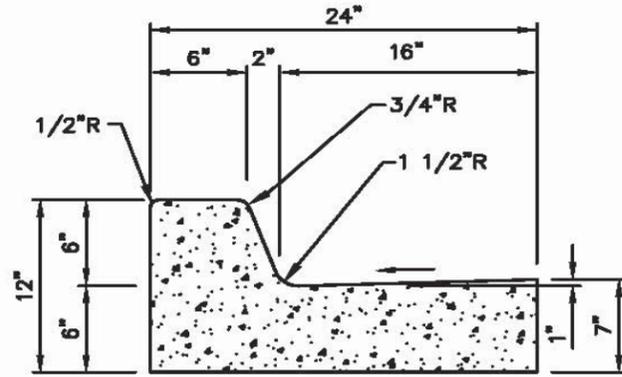


PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

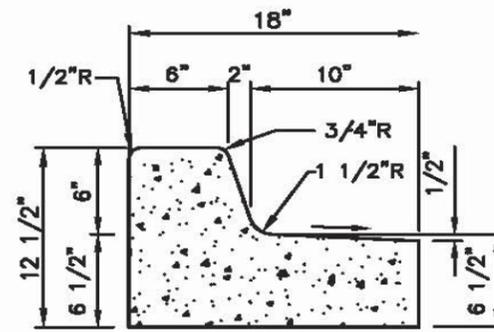
PW2192 UNSER BLVD PHASE 2
REHABILITATION PROJECT

DETAILS

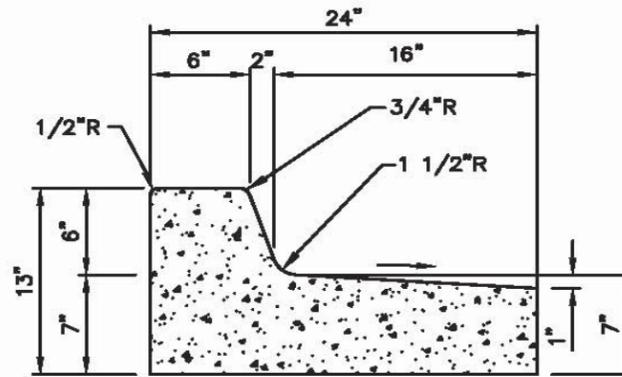
SHEET
9-7



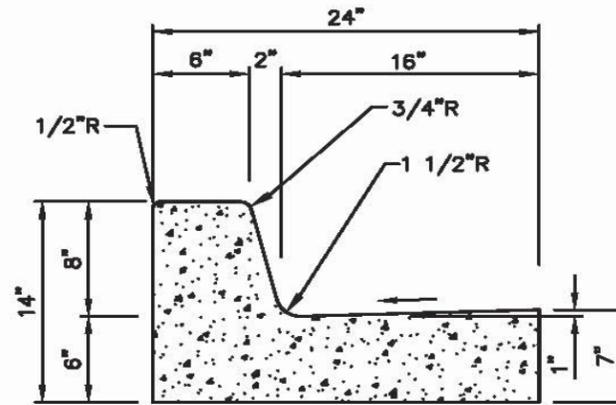
STANDARD CURB AND GUTTER



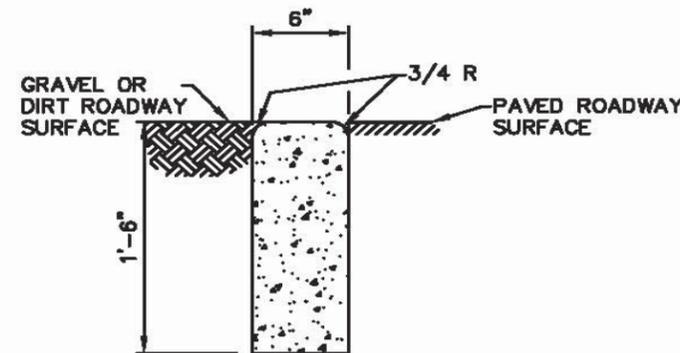
MEDIAN CURB AND GUTTER



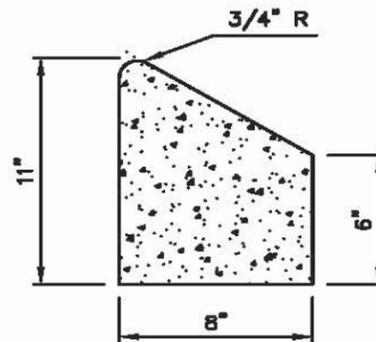
SPILL CURB AND GUTTER



8" CURB AND GUTTER
FOR COLLECTOR AND ARTERIAL STREETS ONLY.
SEE NOTE 7.



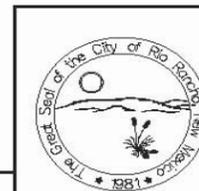
CUTOFF WALL
USE FOR TRANSITION TO
UNPAVED ROAD, SEE NOTE 7.



ROUND-ABOUT CURB

GENERAL NOTES:

1. ANY DEVIATIONS FROM THESE STANDARDS SHALL BE SUBMITTED TO THE CITY FOR PRIOR APPROVAL.
2. ALL WORK IN PUBLIC RIGHT-OF-WAY SHALL BE CONSTRUCTED BY A LICENSED CONTRACTOR AND REQUIRES PERMIT AND APPROVAL BY THE CITY.
3. SUBGRADE SHALL BE COMPACTED TO 95% ASTM D 1557, MIN.
4. CURB AND GUTTER SHALL BE IN ACCORDANCE WITH SECTION 510 AND 609 OF THE NMDOT STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION, CURRENT EDITION. A VALID NMDOT MIX DESIGN CONFORMING TO THE REQUIREMENTS OF SECTION 509 OF THE NMDOT SPECIFICATIONS SHALL BE SUBMITTED TO THE CITY AND APPROVED PRIOR TO PLACEMENT OF CURB AND GUTTER. THE CITY MAY APPROVE A MIX DESIGN FOLLOWING NMAPWA SPECIFICATIONS.
5. FOR CONCRETE CURB AND GUTTER CONSTRUCT TRANSVERSE JOINTS AS FOLLOWS:
 - TOOLED CONTRACTION JOINTS AT 5' INTERVALS
 - 1/2" PRE-MOLDED BITUMINOUS EXPANSION JOINTS AT 30' INTERVALS UNLESS DIRECTLY ABUTTING THE SIDEWALK THEN 15' INTERVALS ARE REQUIRED.
6. DIMENSIONS AT ROUNDED CORNERS MEASURED TO INTERSECTION OF STRAIGHT LINES.
7. 8" CURB AND GUTTER AND CUTOFF WALL IS NOT FOR USE IN NEW RESIDENTIAL DEVELOPMENT. USE MUST BE PREAPPROVED BY THE CITY.
8. ASPHALT PLACEMENT SHALL BE EVEN WITH THE LIP OF GUTTER, BUT IN NO CASE SHALL IT EXCEED 1/4". ASPHALT PLACED LOWER THAN LIP OF GUTTER SHALL BE CORRECTED AT CONTRACTOR'S EXPENSE.



City of Rio Rancho
Department of Public Works

CURB AND GUTTER

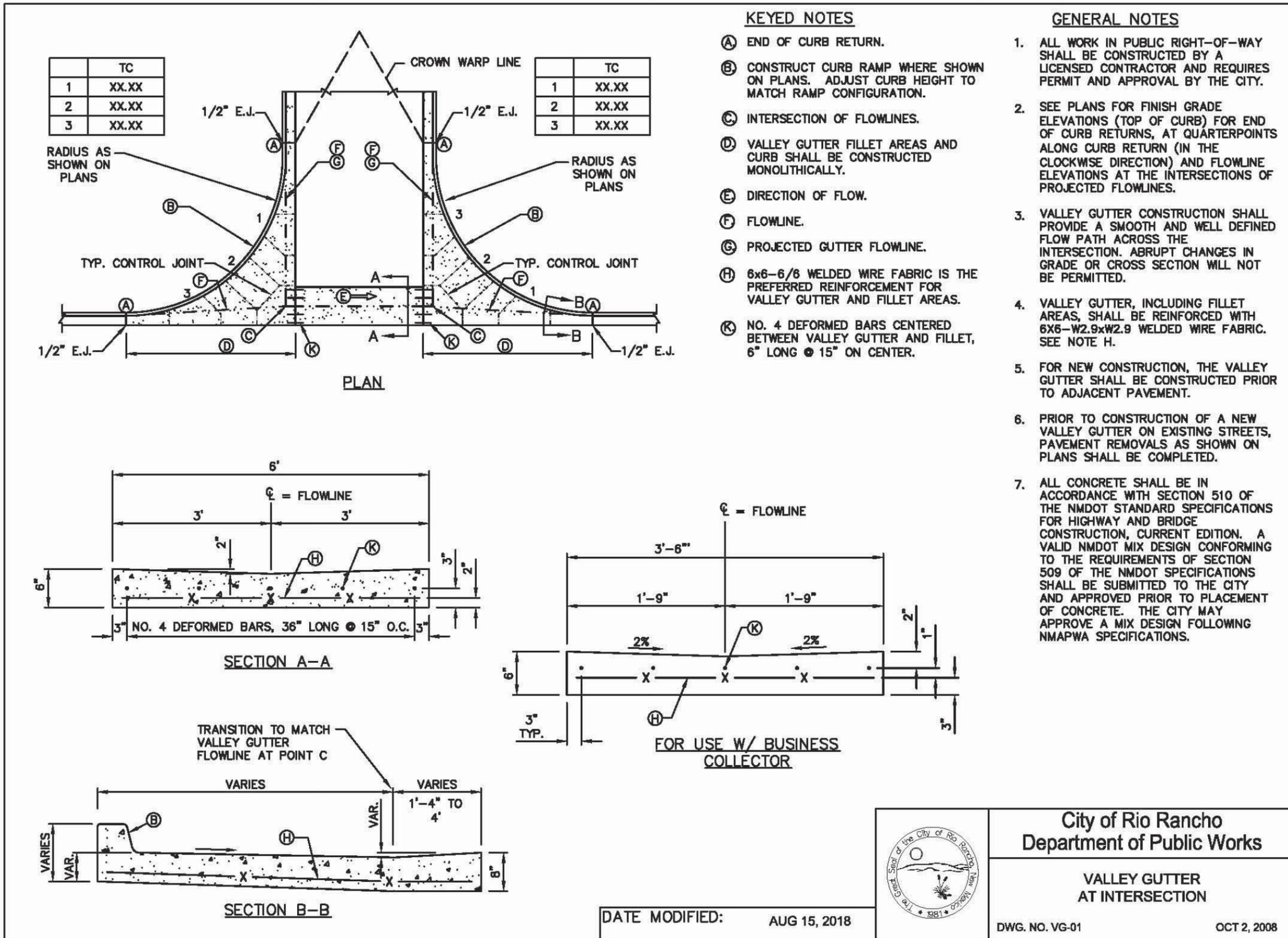
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DWG. NO. CG-01

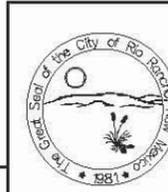
OCT 2, 2008



PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



DATE MODIFIED: AUG 15, 2018



City of Rio Rancho
Department of Public Works

VALLEY GUTTER
AT INTERSECTION

DWG. NO. VG-01

OCT 2, 2008

PW2192 UNSER. BLVD PHASE 2
REHABILITATION PROJECT

VALLEY GUTTER DETAIL

SHEET
9 - 8



PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

PW 2192 UNSER BLVD PHASE 2
REHABILITATION
NMDOT ROADWAY LIGHT
POLE DETAIL

SHEET
9 - 9

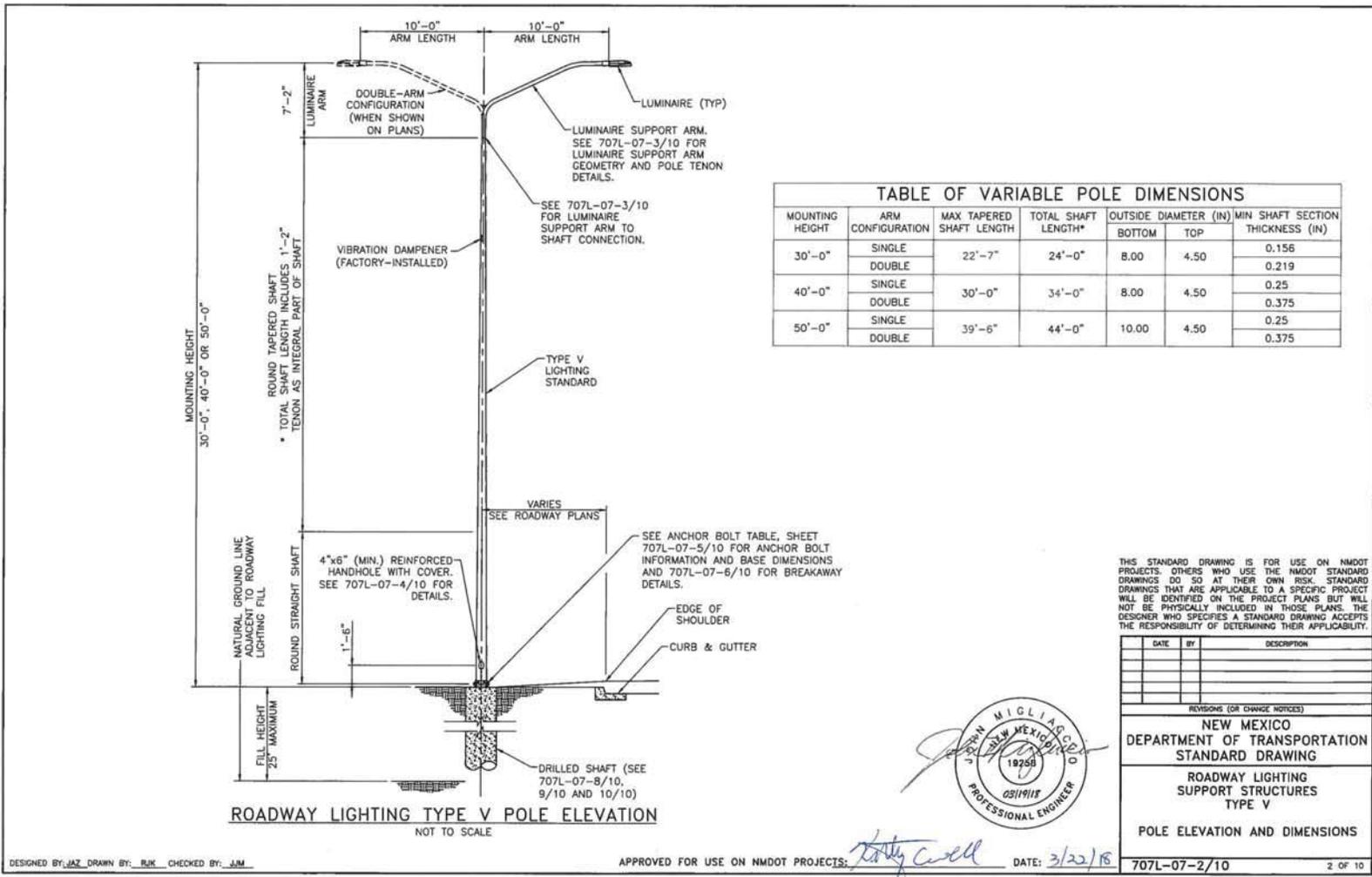


TABLE OF VARIABLE POLE DIMENSIONS

MOUNTING HEIGHT	ARM CONFIGURATION	MAX TAPERED SHAFT LENGTH	TOTAL SHAFT LENGTH*	OUTSIDE DIAMETER (IN)		MIN SHAFT SECTION THICKNESS (IN)
				BOTTOM	TOP	
30'-0"	SINGLE	22'-7"	24'-0"	8.00	4.50	0.156
	DOUBLE					0.219
40'-0"	SINGLE	30'-0"	34'-0"	8.00	4.50	0.25
	DOUBLE					0.375
50'-0"	SINGLE	39'-6"	44'-0"	10.00	4.50	0.25
	DOUBLE					0.375

THIS STANDARD DRAWING IS FOR USE ON NMDOT PROJECTS. OTHERS WHO USE THE NMDOT STANDARD DRAWINGS DO SO AT THEIR OWN RISK. STANDARD DRAWINGS THAT ARE APPLICABLE TO A SPECIFIC PROJECT WILL BE IDENTIFIED ON THE PROJECT PLANS BUT WILL NOT BE PHYSICALLY INCLUDED IN THOSE PLANS. THE DESIGNER WHO SPECIFIES A STANDARD DRAWING ACCEPTS THE RESPONSIBILITY OF DETERMINING THEIR APPLICABILITY.

DATE	BY	DESCRIPTION
REVISIONS (OR CHANGE NOTICES)		
NEW MEXICO DEPARTMENT OF TRANSPORTATION STANDARD DRAWING		
ROADWAY LIGHTING SUPPORT STRUCTURES TYPE V		
POLE ELEVATION AND DIMENSIONS		
707L-07-2/10		2 OF 10



APPROVED FOR USE ON NMDOT PROJECTS: *Stephyn C. Will* DATE: 3/22/18

DESIGNED BY: JAZ DRAWN BY: BLK CHECKED BY: JJM

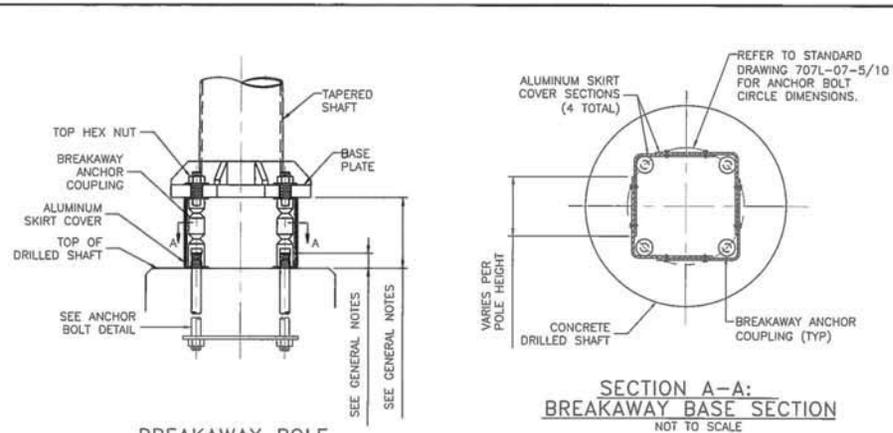
Sheet 707-13



PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

PW 2192 LINSEY BLVD PHASE 2
REHABILITATION
NMDOT LIGHT POLE BASE
DETAIL

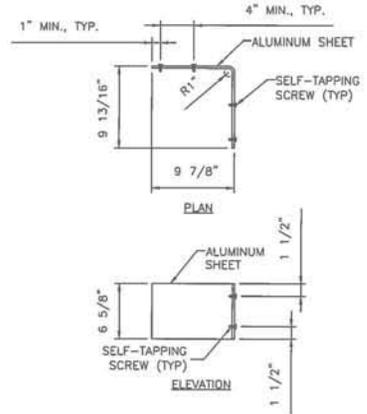
SHEET
9 - 10



**BREAKAWAY POLE
BASE ELEVATION**
NOT TO SCALE

GENERAL NOTES

1. REFER TO STANDARD DRAWING 707L-07-5/10 FOR BASE PLATE AND ADDITIONAL ANCHOR BOLT DETAILS AND REQUIREMENTS.
2. SKIRT COVER SHALL BE FABRICATED FROM 1/16" SHEET ALUMINUM ALLOY 3003H14.
3. WHEN BREAKAWAY BASES ARE SPECIFIED, EACH LIGHT POLE SHALL BE FURNISHED WITH FOUR (4) SKIRT COVER SECTIONS AND SIXTEEN (16) SCREWS.
4. THE INTENDED USE OF THE SKIRT COVER IS TO ENCLOSE THE VOID UNDER POLES WITH BREAKAWAY SUPPORT COUPLINGS.
5. SCREWS SHALL BE SELF-TAPPING #10 x 5/8" STAINLESS STEEL.
6. BREAKAWAY SUPPORT COUPLINGS SHALL MEET THE REQUIREMENTS IN NCHRP REPORT 350, AND THE REQUIREMENTS IN 2015 (1st EDITION) AASHTO LRFD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, SECTION 12.
7. WHEN BREAKAWAY BASES ARE SPECIFIED, EACH LIGHT POLE SHALL BE FURNISHED WITH FOUR (4) COUPLING SYSTEMS, COMPLETE WITH COUPLINGS, THREADED STUDS, WASHERS, NUTS, AND SHIMS.
8. BREAKAWAY ASSEMBLY DIMENSIONS VARY PER MANUFACTURER. INSTALL ANCHOR BOLT PROJECTIONS AND BASE PLATE OFFSETS IN ACCORDANCE WITH SPECIFIC BREAKAWAY ASSEMBLY MANUFACTURER'S SPECIFICATIONS.
9. ALTERNATE DESIGNS OF BREAKAWAY ASSEMBLIES MAY BE APPROVED BY THE PROJECT MANAGER, PROVIDED THEY MEET THE REQUIREMENTS HEREIN. WHEN ALTERNATE BREAKAWAY SYSTEMS ARE UTILIZED, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE COMPATIBLE SKIRT COVERS, AND MAKE NECESSARY ADJUSTMENTS TO ANCHOR BOLT PROJECTIONS.
10. CERTIFICATION OF BOTH BREAKAWAY AND STRUCTURAL ADEQUACY, DESIGN CALCULATIONS AND/OR TEST DATA OF PRODUCTION SAMPLES TO SUPPORT CERTIFICATION SHALL BE PROVIDED FOR BREAKAWAY SYSTEMS.



SKIRT COVER DIMENSIONS
NOT TO SCALE

THIS STANDARD DRAWING IS FOR USE ON NMDOT PROJECTS. OTHERS WHO USE THE NMDOT STANDARD DRAWINGS DO SO AT THEIR OWN RISK. STANDARD DRAWINGS THAT ARE APPLICABLE TO A SPECIFIC PROJECT WILL BE IDENTIFIED ON THE PROJECT PLANS BUT WILL NOT BE PHYSICALLY INCLUDED IN THOSE PLANS. THE DESIGNER WHO SPECIFIES A STANDARD DRAWING ACCEPTS THE RESPONSIBILITY OF DETERMINING THEIR APPLICABILITY.

DATE	BY	DESCRIPTION
REVISIONS (OR CHANGE NOTICES)		
NEW MEXICO DEPARTMENT OF TRANSPORTATION STANDARD DRAWING		
ROADWAY LIGHTING SUPPORT STRUCTURES TYPE V		
BREAKAWAY BASE DETAILS		



Tatly C. ... DATE: 3/22/18

DESIGNED BY: JAZ DRAWN BY: RJK CHECKED BY: JUM

APPROVED FOR USE ON NMDOT PROJECTS:

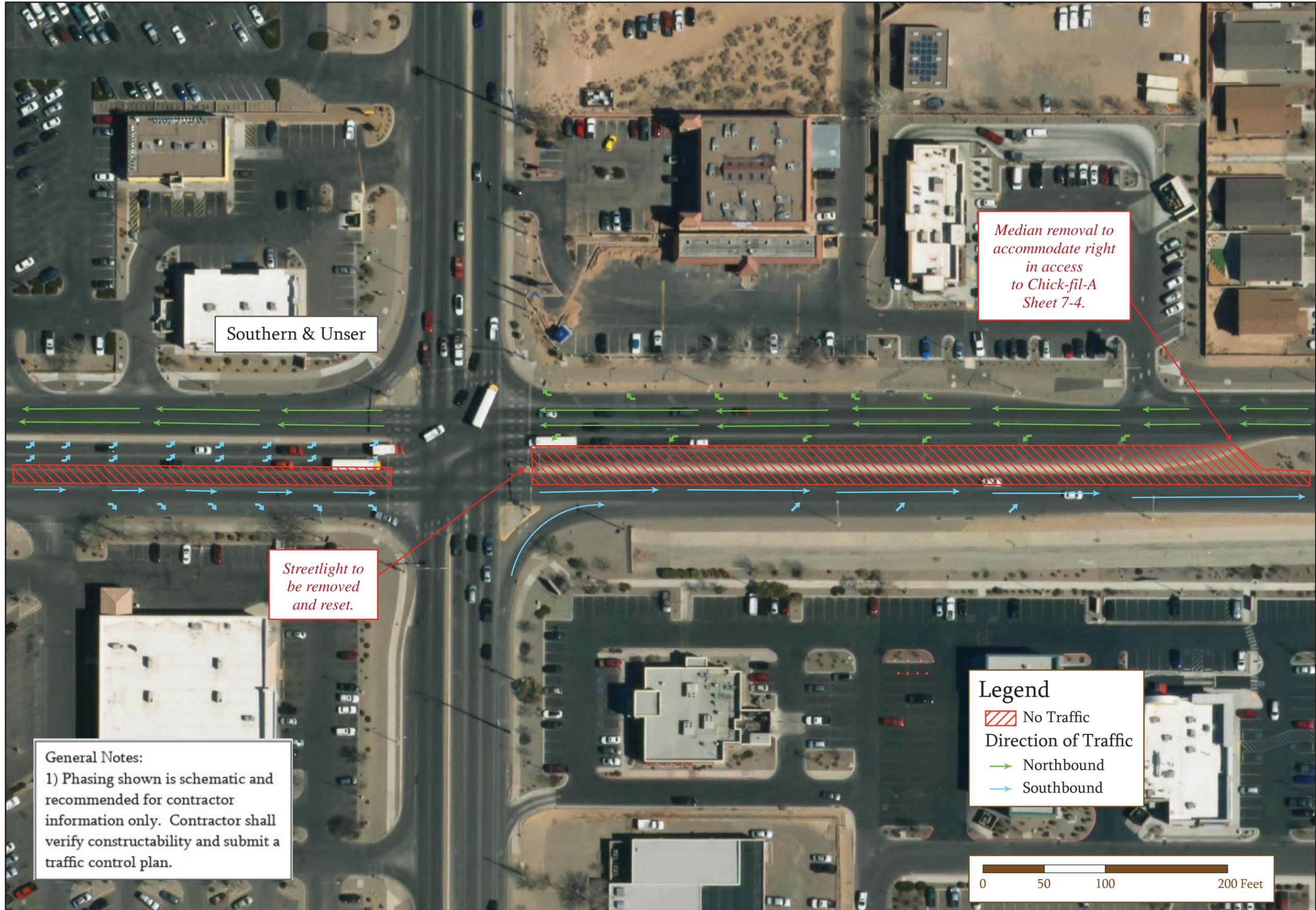
707L-07-6/10 6 of 10



PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

PW 2192 UNSER BLVD
PHASE 2 REHABILITATION
TRAFFIC PHASE I

SHEET
10 - 1



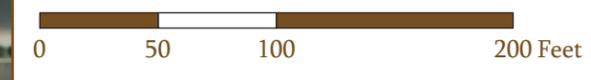
Southern & Unser

Median removal to accommodate right in access to Chick-fil-A Sheet 7-4.

Streetlight to be removed and reset.

General Notes:
1) Phasing shown is schematic and recommended for contractor information only. Contractor shall verify constructability and submit a traffic control plan.

Legend
[Red hatched box] No Traffic
Direction of Traffic
[Green arrow] Northbound
[Blue arrow] Southbound





PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

PW 2192 UNSER BLVD
PHASE 2 REHABILITATION
TRAFFIC PHASE 1

SHEET
10-2

Westside & Unser

19th St SE

Detour Paving

Legend
Paving



General Notes:
1) Phasing shown is schematic and recommended for contractor information only. Contractor shall verify constructability and submit a traffic control plan.





PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

PW 2192 UNSER BLVD
PHASE 2 REHABILITATION
TRAFFIC PHASE I

SHEET
10-3



Wellspring & Unser

Legend

No Traffic

Direction of Traffic

Northbound

Southbound



General Notes:
1) Phasing shown is schematic and recommended for contractor information only. Contractor shall verify constructability and submit a traffic control plan.



PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

PW 2192 UNSER BLVD
PHASE 2 REHABILITATION
TRAFFIC PHASE 2

SHEET
10 - 4



General Notes:
1) Phasing shown is schematic and recommended for contractor information only. Contractor shall verify constructability and submit a traffic control plan.

Legend

-  No Traffic
- Direction of Traffic
-  Northbound
-  Southbound
-  Median Sign

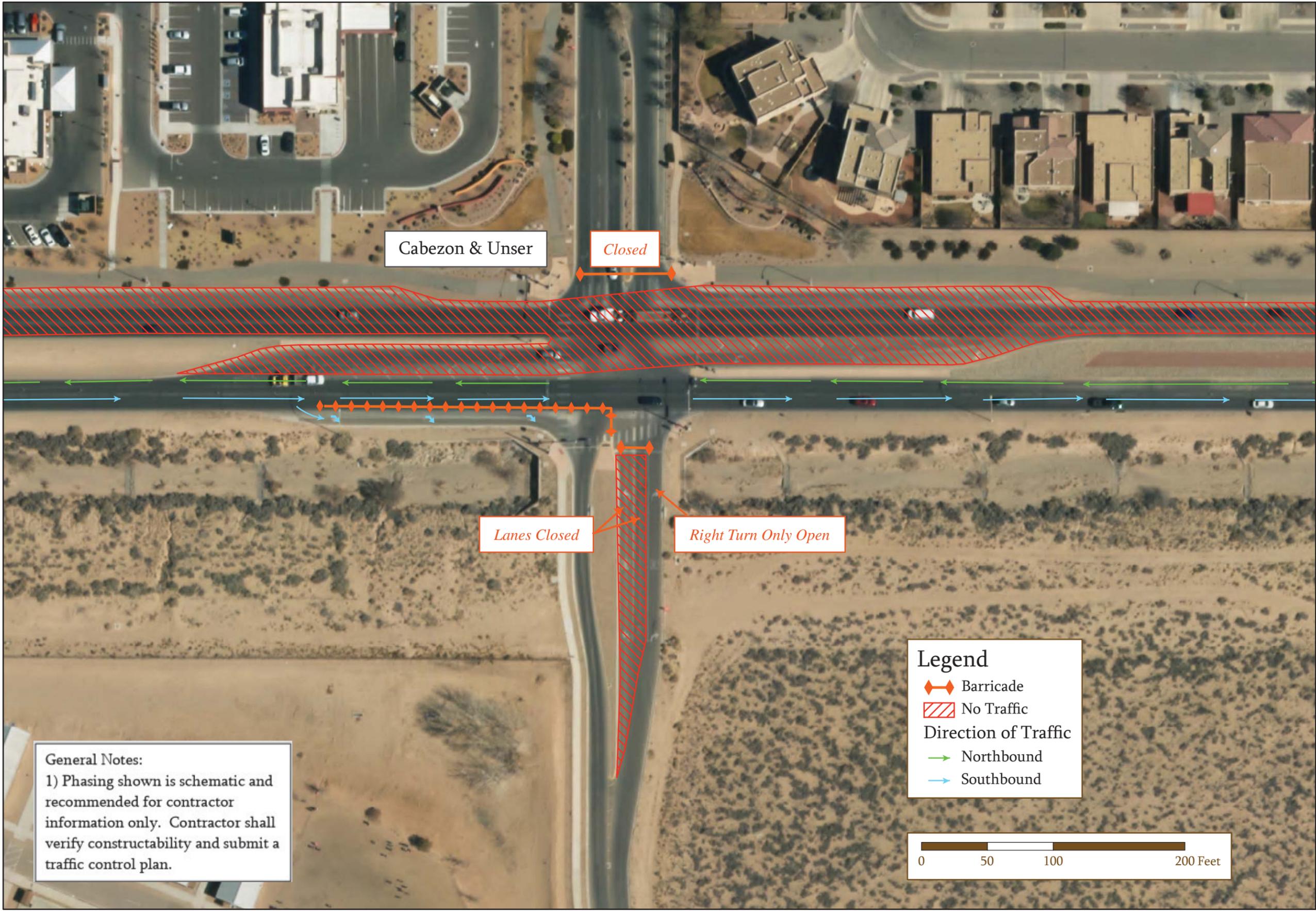




PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

PW 2192 UNSER BLVD
PHASE 2 REHABILITATION
TRAFFIC PHASE 2

SHEET
10 - 5



General Notes:
1) Phasing shown is schematic and recommended for contractor information only. Contractor shall verify constructability and submit a traffic control plan.

Legend

- ◆ Barricade
- ▨ No Traffic
- Direction of Traffic
- Northbound
- Southbound





PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

PW 2192 UNSER BLVD
PHASE 2 REHABILITATION
TRAFFIC PHASE 2

SHEET
10 - 6



Legend

No Traffic

Direction of Traffic

Northbound

Southbound



General Notes:
1) Phasing shown is schematic and recommended for contractor information only. Contractor shall verify constructability and submit a traffic control plan.



PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

PW 2192 UNSER BLVD
PHASE 2 REHABILITATION
TRAFFIC PHASE 3

SHEET
10 - 7



*No Southbound Lefts
This Phase*

Southern & Unser

Legend

No Traffic

Direction of Traffic

Northbound

Southbound



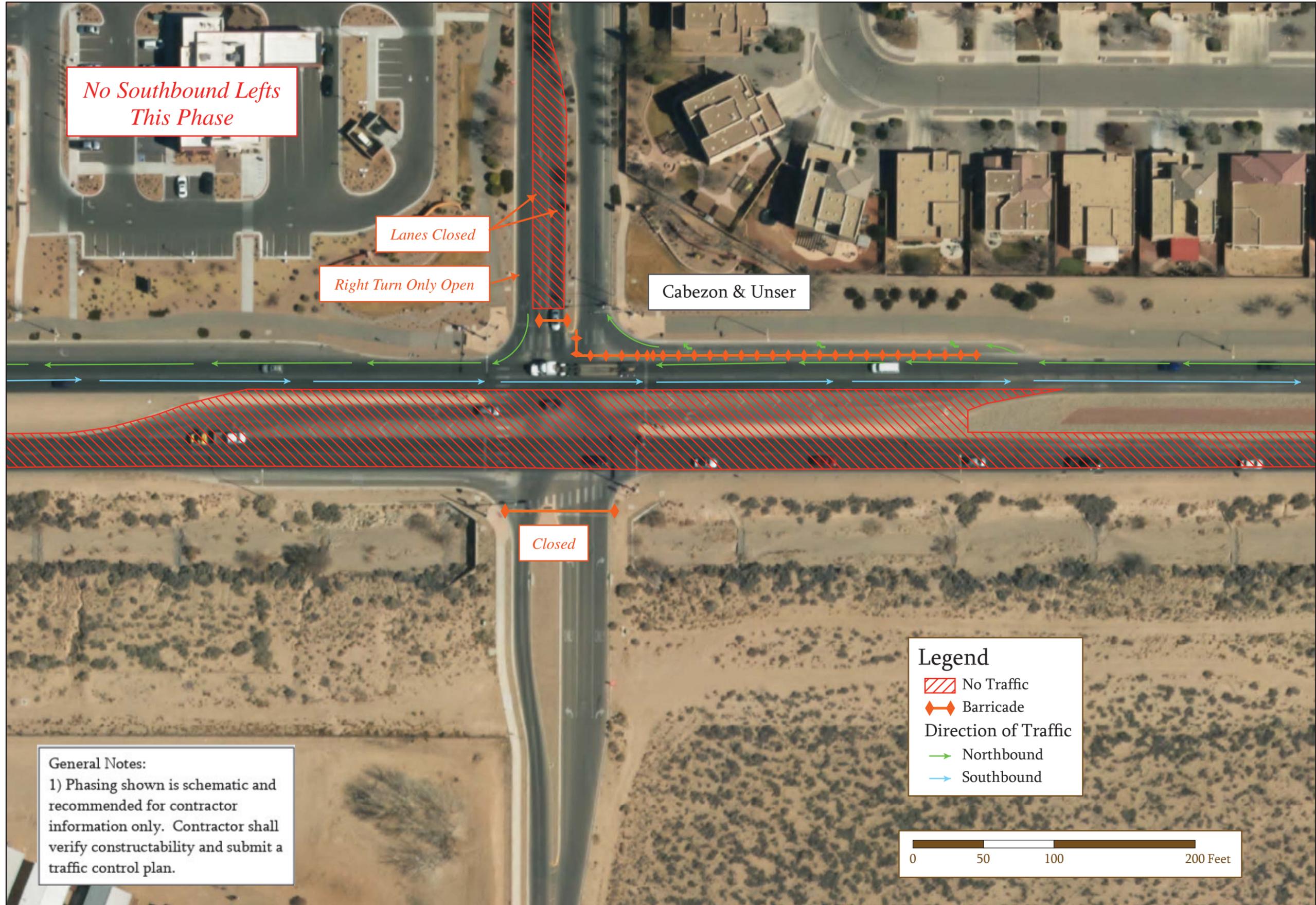
General Notes:
1) Phasing shown is schematic and recommended for contractor information only. Contractor shall verify constructability and submit a traffic control plan.



PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

PW 2192 UNSER BLVD
PHASE 2 REHABILITATION
TRAFFIC PHASE 3

SHEET
10 - 8



*No Southbound Lefts
This Phase*

Lanes Closed

Right Turn Only Open

Cabezon & Unser

Closed

Legend

- No Traffic
- Barricade
- Direction of Traffic**
- Northbound
- Southbound



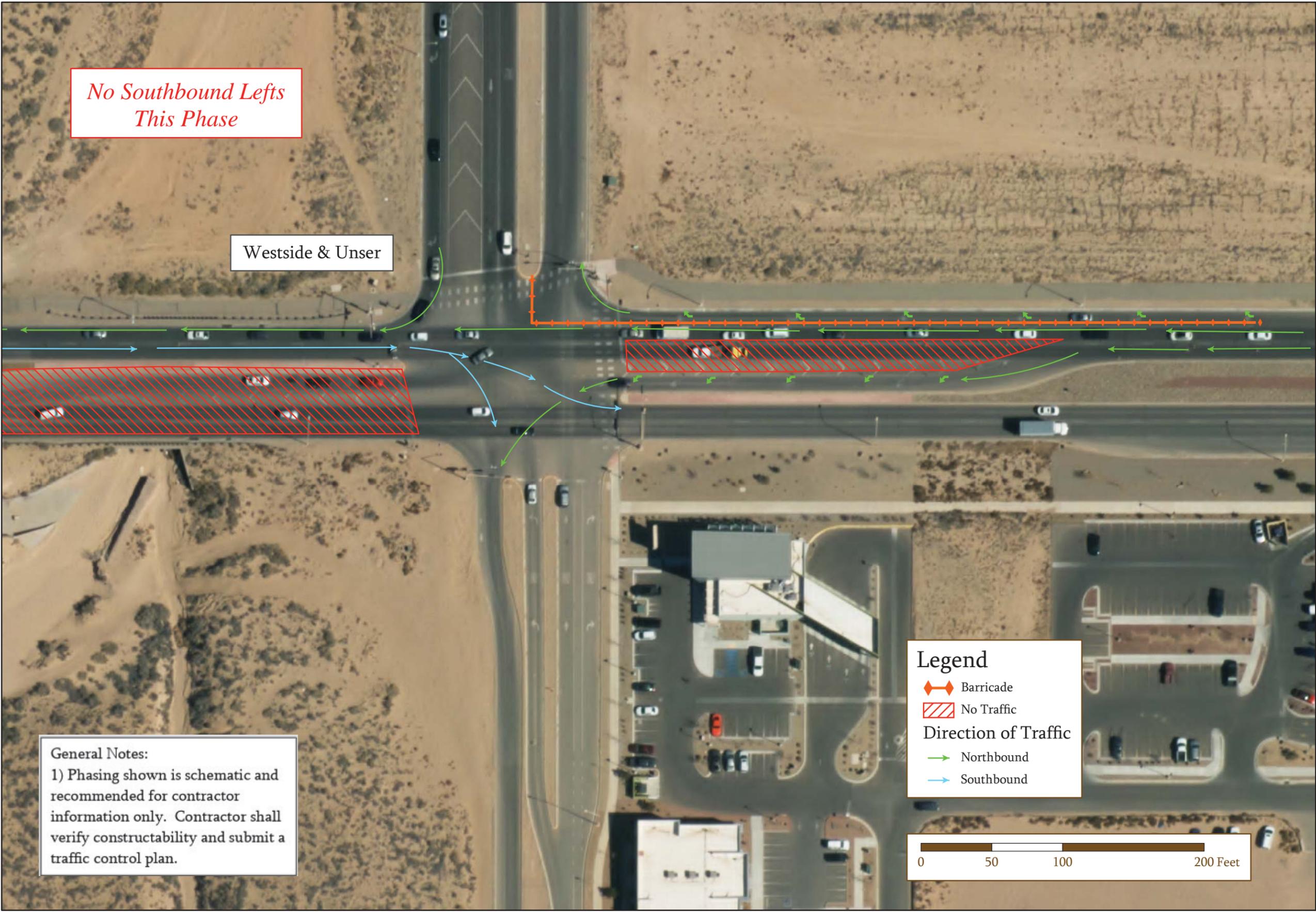
General Notes:
1) Phasing shown is schematic and recommended for contractor information only. Contractor shall verify constructability and submit a traffic control plan.



PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

PW 2192 UNSER BLVD
PHASE 2 REHABILITATION
TRAFFIC PHASE 3

SHEET
10 - 9



*No Southbound Lefts
This Phase*

Westside & Unser

Legend

- Barricade
- No Traffic

Direction of Traffic

- Northbound
- Southbound



General Notes:
1) Phasing shown is schematic and recommended for contractor information only. Contractor shall verify constructability and submit a traffic control plan.



PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

PW 2192 UNSER BLVD
PHASE 2 REHABILITATION
TRAFFIC PHASE 4

SHEET
10 -10



Cabezon & Unser

Legend

No Traffic

Direction of Traffic

Northbound

Southbound



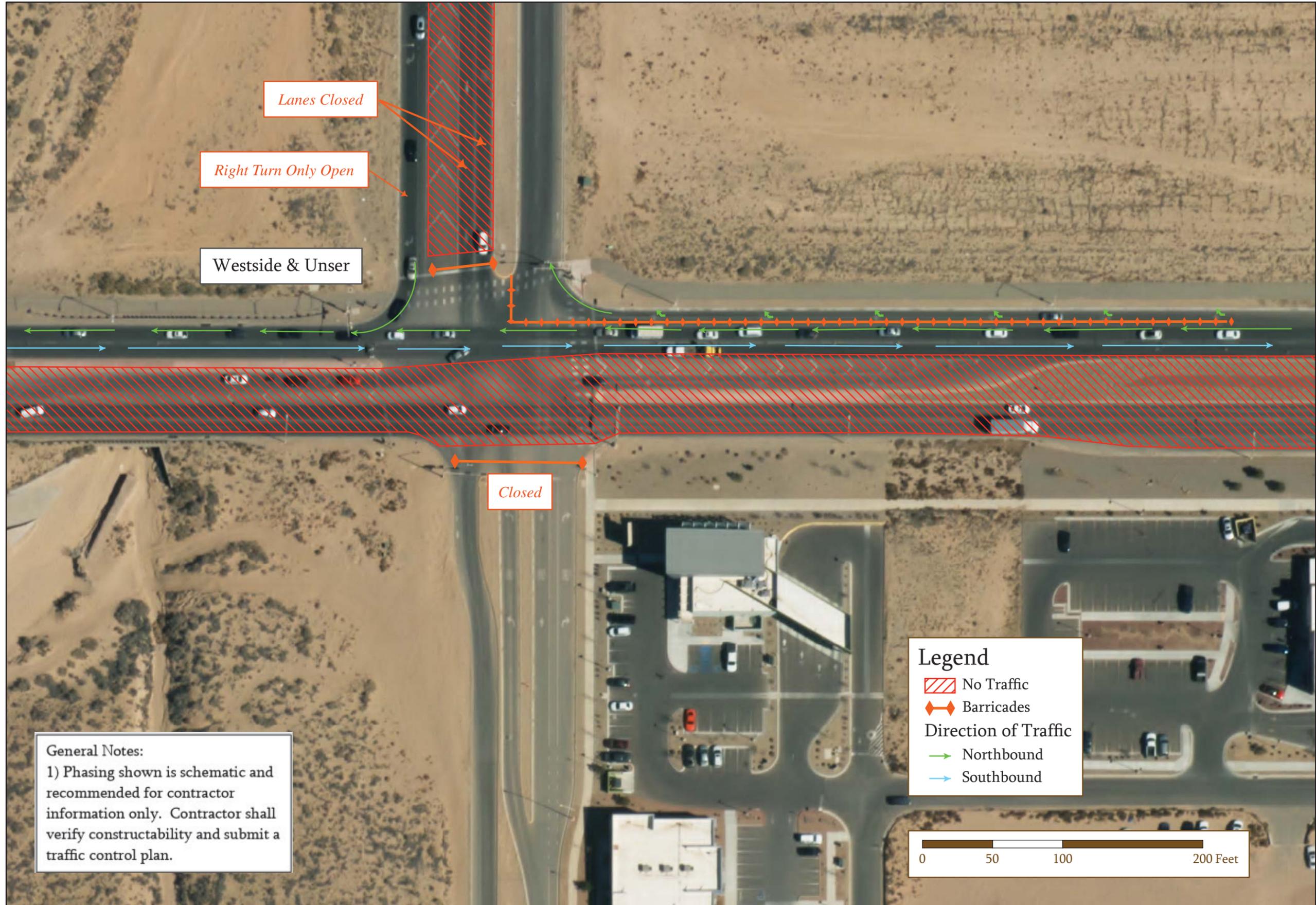
General Notes:
1) Phasing shown is schematic and recommended for contractor information only. Contractor shall verify constructability and submit a traffic control plan.



PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

PW 2192 UNSER BLVD
PHASE 2 REHABILITATION
TRAFFIC PHASE 4

SHEET
10 -11



Legend

- No Traffic
- Barricades
- Direction of Traffic**
- Northbound
- Southbound



General Notes:
1) Phasing shown is schematic and recommended for contractor information only. Contractor shall verify constructability and submit a traffic control plan.



PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

PW 2192 UNSER BLVD
PHASE 2 REHABILITATION
TRAFFIC PHASE 4

SHEET
10 -12

Wellspring & Unser



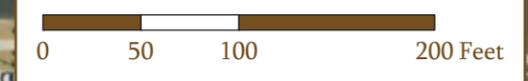
Legend

No Traffic

Direction of Traffic

Northbound

Southbound



General Notes:
1) Phasing shown is schematic and recommended for contractor information only. Contractor shall verify constructability and submit a traffic control plan.



PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

PW 2192 UNSER BLVD
PHASE 2 REHABILITATION
TRAFFIC PHASE 5

SHEET
10 -13



*No Northbound Lefts
This Phase*

Cabezon & Unser

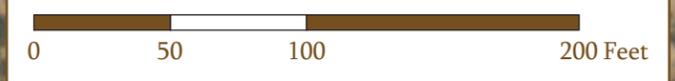
Legend

No Traffic

Direction of Traffic

Northbound

Southbound



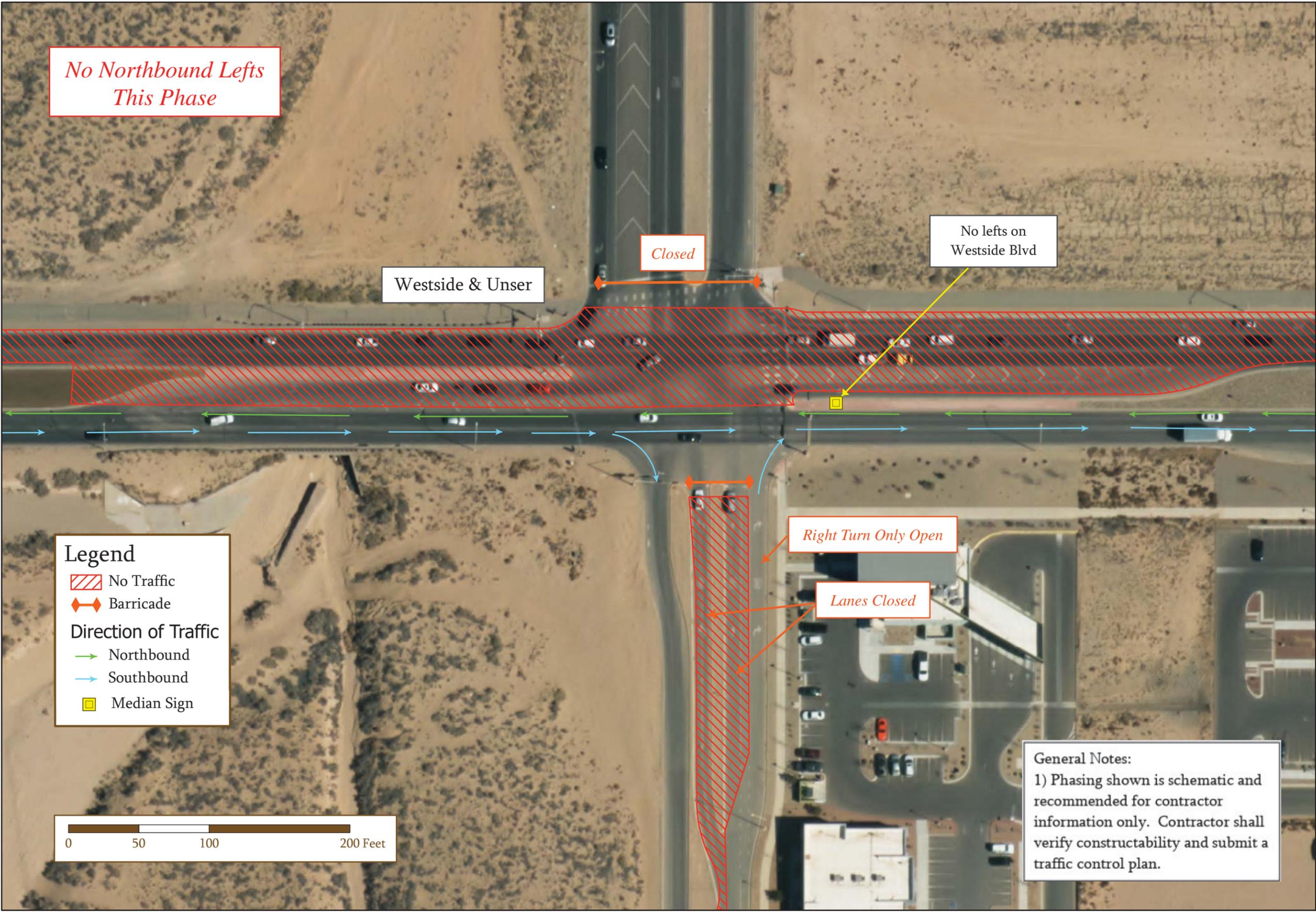
General Notes:
1) Phasing shown is schematic and recommended for contractor information only. Contractor shall verify constructability and submit a traffic control plan.



PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

PW 2192 UNSER BLVD
PHASE 2 REHABILITATION
TRAFFIC PHASE 5

SHEET
10 - 14



*No Northbound Lefts
This Phase*

Westside & Unser

Closed

No lefts on
Westside Blvd

Right Turn Only Open

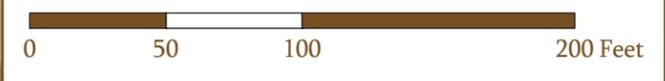
Lanes Closed

Legend

- No Traffic
- Barricade

Direction of Traffic

- Northbound
- Southbound
- Median Sign



General Notes:
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PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

PW 2192 UNSER BLVD
PHASE 2 REHABILITATION
TRAFFIC PHASE 5

SHEET
10 - 15

*No Northbound Lefts
This Phase*

Wellspring & Unser



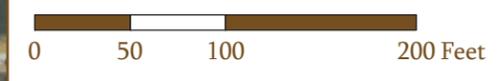
Legend

No Traffic

Direction of Traffic

Northbound

Southbound



General Notes:
1) Phasing shown is schematic and recommended for contractor information only. Contractor shall verify constructability and submit a traffic control plan.

COORDINATE SYSTEM

Local New Mexico State Plane Coordinates - Central Zone
 NAD83
 All distances are ground distances in US Survey Feet
 All coordinates are ground coordinates
 Elevation used to determine scale factor: 5480
 Grid to Ground Scale Factor = 1.000334115

VERTICAL DATUM

NAVD 1988

METHODS

The coordinates are local using AGRS Monument "A-39" as the base coordinate.
 All measurements were made with Topcon Total Stations, data collectors and prisms both horizontally and vertically.
 Traverse information was adjusted using least squares.
 Field work performed from March, 2015 to December, 2018.

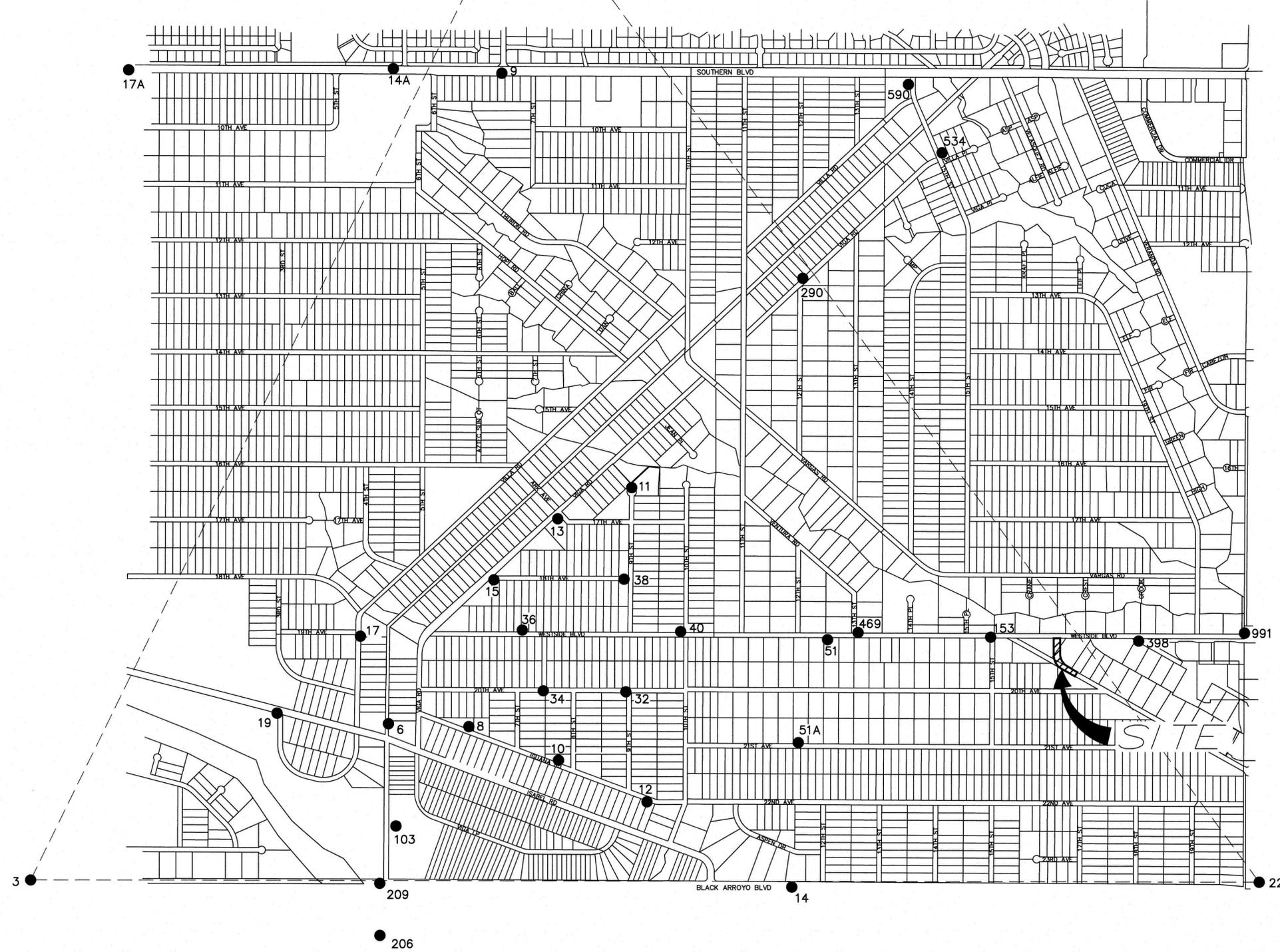
INFORMATION BASE

AGRS MONUMENT AND BENCHMARK "3-A9"
 N=1534959.365
 E=1494057.392
 G=0.99966250
 $\Delta\alpha = -00'16''57.35''$
 CENTRAL ZONE
 ELEVATION=5482.348
 (NAD83/NAVD88)

AGRS MONUMENT AND BENCHMARK "8-A11"
 N=1534934.957
 E=1507070.174
 G=0.999671590
 $\Delta\alpha = -00'15''26.89''$
 CENTRAL ZONE
 ELEVATION=5283.030
 (NAD83/NAVD88)

SSCS MONUMENT AND BENCHMARK "SAGE"
 N=1545611.579
 E=149264.765
 G=0.99965468
 $\Delta\alpha = -00'16''22.20''$
 CENTRAL ZONE
 ELEVATION=5676.181
 (NAD83/NAVD88)

**SURVEY CONTROL FOR
 LOS DIAMANTES SUBDIVISION
 AND
 OFFSITE IMPROVEMENTS
 WITHIN
 RIO RANCHO ESTATES UNIT 10
 TOWN OF ALAMEDA GRANT
 PROJECTED SECTION 26, 27, 28, 33, 34 & 35
 TOWNSHIP 12 NORTH, RANGE 2 EAST, NMPM
 CITY OF RIO RANCHO
 SANDOVAL COUNTY, NEW MEXICO
 MARCH, 2019**

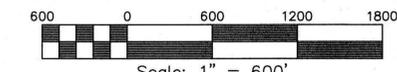
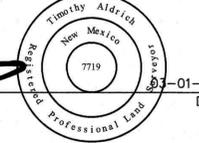


PT #	NORTH	EAST	ELEV	DESC
2	1545615.14	1499266.50	5676.18	SSCS SAGE
3	1534959.37	1494057.39	5482.35	AGRS 3-A9
6	1536619.09	1497848.72	5506.68	SPIKE W/WHISKERS
8	1536589.73	1498699.89	5485.46	SPIKE W/WHISKERS
9	1543531.26	1499047.33	5637.78	SPIKE W/WHISKERS
10	1536232.00	1499650.07	5459.15	SPIKE W/WHISKERS
11	1539126.33	1500424.86	5482.61	SPIKE W/WHISKERS
12	1535788.99	1500587.07	5439.90	SPIKE W/WHISKERS
13	1538795.38	1499641.58	5490.88	SPIKE W/WHISKERS
14	1534884.21	1502121.52	5460.83	CROSS ON CURB
14A	1543577.99	1497898.07	5640.25	NAIL IN CURB JOINT
15	1538148.44	1498963.79	5491.55	SPIKE W/WHISKERS
17	1537548.10	1497550.21	5537.69	SPIKE W/WHISKERS
17A	1543565.00	1495093.80	5624.62	SPIKE W/WHISKERS
19	1536730.13	1496668.07	5519.58	STAKE W/WHISKERS
22	1534934.95	1507075.52	5283.03	AGRS 8-A11
32	1536956.34	1500363.55	5453.62	SPIKE W/WHISKERS
34	1536968.06	1499488.65	5475.66	SPIKE W/WHISKERS
36	1537613.86	1499265.09	5485.92	SPIKE W/WHISKERS
38	1538154.27	1500343.26	5458.45	SPIKE W/WHISKERS
40	1537597.84	1500943.69	5452.41	SPIKE W/WHISKERS
51	1537512.35	1502500.46	5452.37	SPIKE W/WHISKERS
51A	1536418.34	1502190.60	5462.07	SPIKE W/WHISKERS
103	1535532.84	1497927.55	5457.57	SPIKE W/WHISKERS
153	1537538.88	1504229.05	5358.48	CROSS ON FH SLAB
206	1534370.41	1497758.66	5406.16	SPIKE W/WHISKERS
209	1534923.58	1497756.85	5406.66	SPIKE W/WHISKERS
290	1541350.09	1502236.93	5505.98	SPIKE W/WHISKERS
398	1537498.86	1505798.28	5314.66	CROSS ON SIDEWALK
469	1537587.97	1502823.21	5434.09	SPIKE W/WHISKERS
534	1542686.41	1503712.12	5441.92	SPIKE W/WHISKERS
590	1543412.29	1503355.91	5471.82	SPIKE W/WHISKERS
991	1537582.32	1506919.98	5287.20	SPIKE W/WHISKERS

SURVEYOR'S CERTIFICATION

"I, Timothy Aldrich, New Mexico Professional Surveyor No. 7719, do hereby certify that this Control Survey Report was prepared by me or under my direct supervision based on an actual survey on the ground as described herein; that I am responsible for this survey; and that the survey meets the minimum standards for surveying in New Mexico."

Timothy Aldrich
 Timothy Aldrich, NMPLS NO. 7719
 03-01-19
 Date



Drawn By:	TA	Date:	03-01-19
Checked By:	TA	Drawing Name:	1501CNTRL.DWG
Job No.:	15-010	Sheet:	1 of 1

ALDRICH LAND SURVEYING
 P.O. BOX 30701, ALBQ., N.M. 87190
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