

City of Raton

West Colfax Avenue Resurfacing Project

FUNDING AGENCIES:
New Mexico Department of Transportation
The City of Raton

CONTRACTING AGENCY:
The City of Raton
224 Savage Avenue
Raton, New Mexico 87740

Reviewed & Approved By:

Lucia Schuster

Project No. 2022-03-17

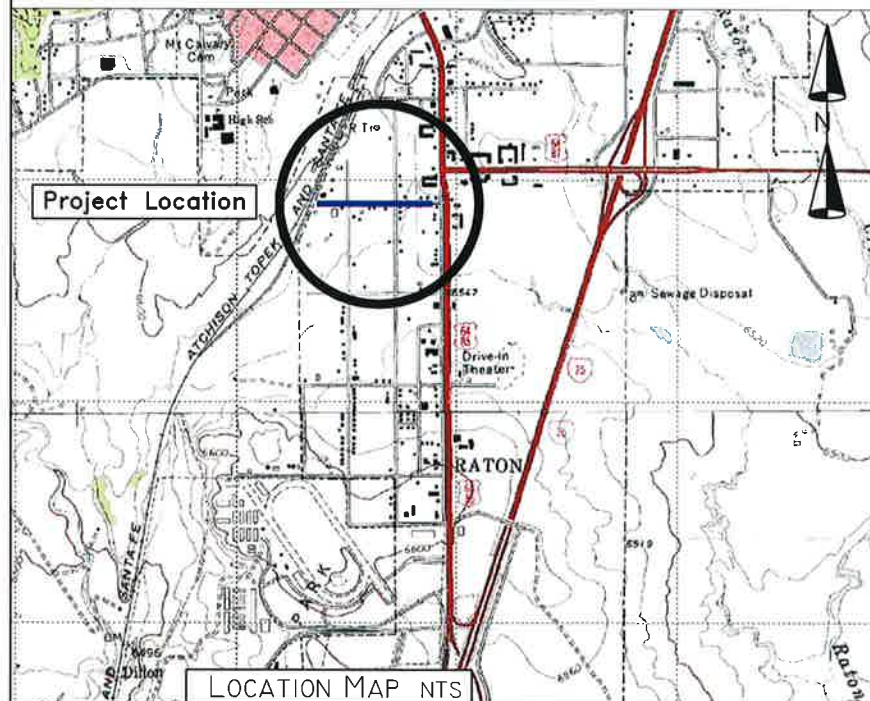
April 2022

CERTIFICATION:

I, Kenneth Scott Berry, New Mexico Registered Professional Engineer No. 12848, Hereby Certify That Project Design Documents Have been Prepared By Myself In Accordance With Applicable Standards and Agency Requirements.

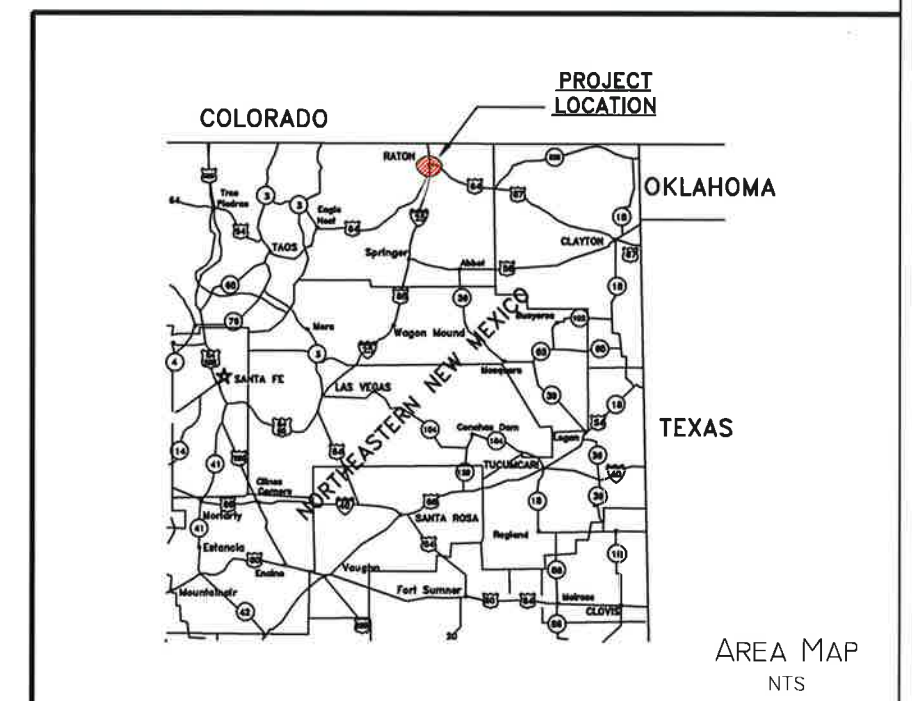
Kenneth Scott Berry

Kenneth Scott Berry, P.E.
City of Raton
224 Savage Avenue
Raton, New Mexico 87740



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No.	Description



Contracting Agency:

City of Raton
224 Savage Avenue
Post Office Box 910
Raton, New Mexico 87740
(575) 445-9551

Title

Construction Plan
West Colfax Ave. Resurfacing Project
Project No. 2022-03-17
Raton, New Mexico

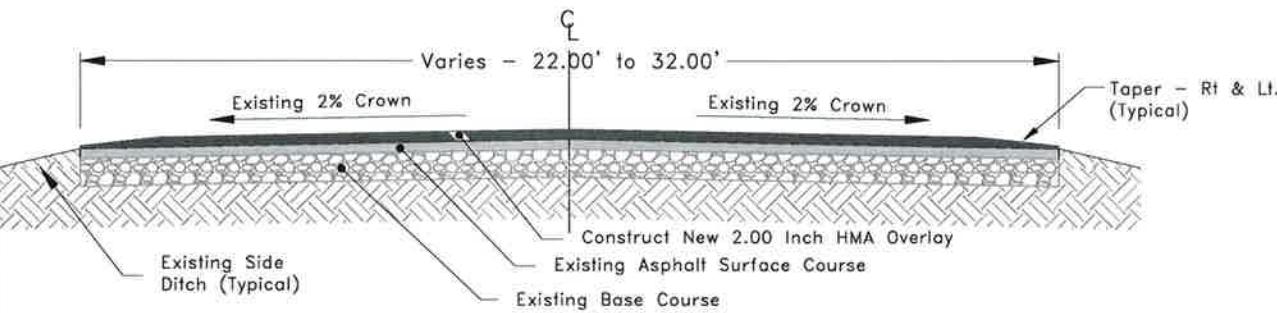
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Date: March 17, 2022

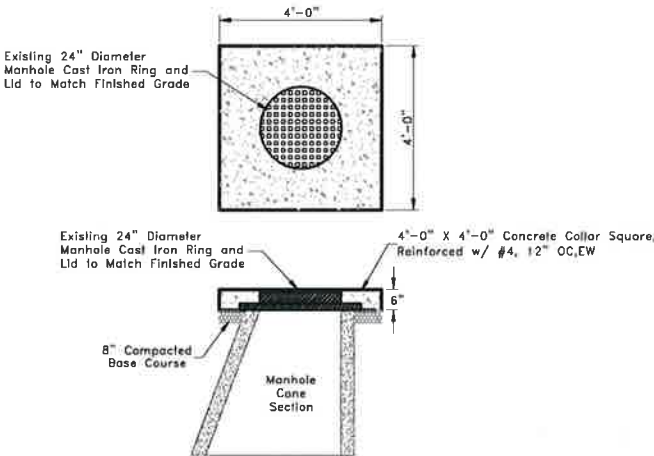
Sheet G-1

General Notes:

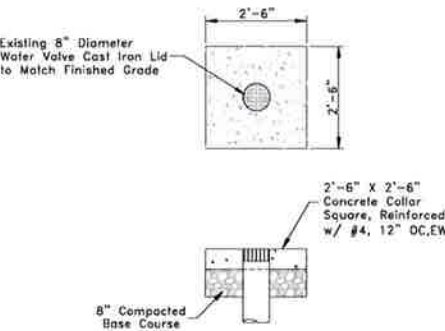
1. The term "Contractor" shall refer to the firm contracting with the City of Raton (Contracting Agency) for performance of construction work, as well as related or appurtenant work or provisions, and includes Contractor's employees, authorized personnel, Subcontractors, suppliers, or other persons, firms, or entities associated with the Contractor's performance of the Work. Contractor shall provide full-time Project Superintendent who shall remain on site during all working hours and that shall be available on call 24 hours per day during each day of the construction phase as contact for the maintenance of safety and traffic control equipment and implementations, or other emergency situations. Contractor's Project Manager shall be designated and 24-hour contact information shall be provided to Contracting Agency and Project Engineer.
2. Contractor shall only place or store equipment, material, stockpiles, etc. within Contractor provided, Owner approved Staging Area. Construction equipment shall travel only on designated haul routes.
3. Contractor shall be responsible for implementation of safety measures and provision of safety devices, including but not limited to barricades, temporary fencing, flagging, signage, or escorts during construction. Measures shall ensure that no persons, vehicles or equipment enter active construction site unless authorized.
4. Open trenches or excavations shall be maintained so as to eliminate potential damage to normally anticipated operations from persons, vehicles and equipment. Protection shall include prominent marking and placement of low profile barricades with operating pulsating yellow lights.
5. Contractor shall protect all existing facilities during construction, including but not limited to monumentation, buildings, paved areas, lighting and electrical features, signage, and utilities. Contractor shall confine operations to designated Right-of-Way, designated haul routes, construction areas and staging areas, and shall minimize disturbance to all other areas.
6. The Contractor shall be prohibited from activities on the site consisting of burning, welding or use of open flames without written permission from the Contracting Agency and obtaining appropriate permits. Contractor shall also be prohibited from bulk storage of fuel, oil, coolant, asphalt, petrochemicals, hazardous material, and hazardous or special wastes on the site without written permission from the Contracting Agency and obtaining appropriate permits.
7. Contractor shall be responsible for location of all underground utilities and coordination of excavation or other work in the vicinity of utilities and shall coordinate location and line spotting with appropriate utility owners. Any location or utility lines, structures or features on plans or project documents are shown for informational purposes, and neither Engineer nor Owner warrant accuracy of utilities as shown. Contractor shall assume full responsibility for location and protection of utilities, and all costs of utility repairs to damage resulting from Contractor's negligence. No excavation shall commence prior to accurate field location of utility lines.
8. Contractor shall maintain clean pavement surfaces, and shall immediately remove tracked or dumped earth, aggregate or pavement material, mud, spills of oils, fuels, coolants or other liquids, or any foreign material resulting from Contractor's operations. Contractor shall employ effective and suitable methods for cleaning surfaces and removal of foreign material, with no additional payment made to Contractor.
9. Disturbed areas and/or stockpiled materials shall be stabilized as necessary to prevent erosion or movement by wind or stormwater.
10. Contractor shall be responsible for all measures necessary to prevent damage to work and work site resulting from such factors including, but not limited to, high temperature, low temperature, precipitation, drainage or other potentially harmful conditions. Contractor shall remove and replace any work that is damaged at no expense to the Contracting Agency. All earth surfaces shall be proof-rolled prior to placement of subsequent courses and pumping or yielding soils shall be removed, processed and replaced so that no pumping condition subsequently exists.
11. Contractor shall protect existing concrete curb and gutters from damage (chipping or cracking). Any damage to existing concrete curb and gutters shall be removed and replaced by Contractor at NO Additional cost to Owner.
12. Contractor shall provide, construct, repair, inspect, and maintain effective temporary erosion and sediment control structures throughout the construction phase without additional payment to the Contractor. Contractor shall be responsible for removal of temporary erosion and sediment control structures at the completion of construction without additional payment to the Contractor.
13. The following items shall be provided and installed by the Contractor as non-payment incidental work, with no direct payment made by the Contracting Agency to the Contractor:
 - Construction staking and layout.
 - Sweeping, brooming, and removal of sediment, debris and other material from pavement surfaces or adjacent areas as directed by Project Engineer.
 - Preparation and implementation of Safety Plan, traffic control and project safety measures.
 - Disturbed areas shall be protected from damage from vehicles and equipment; areas damaged shall be repaired by the Contractor until final acceptance of the work.
14. Contractor shall be responsible for Acceptance Testing of proposed materials to ensure conformance of proposed materials to specifications prior to construction. Contractor shall also prepare and submit material design mix for HMA or other materials as required. Material acceptance testing shall be provided by the Contractor with no direct payment made by the Contracting Agency. Material acceptance testing performed for similar NMDOT projects within a previous 24-month period shall be accepted by the Contracting Agency if material conforms with specifications listed herein.
15. Contracting Agency shall provide construction phase quality assurance testing of materials and work incorporated during the construction phase and closeout phase in accordance with applicable testing schedules of NMDOT, and at the direction of the Contracting Agency.



Summit Avenue Typical Design Section
Scale: 1 Inch = 2 Feet



Typical Manhole Concrete Collar Detail
Scale: 1 Inch = 2 Feet



Typical Water Valve Cap Concrete Collar Detail
Scale: 1 Inch = 2 Feet

Summary of Bid Items and Quantities

Item No.	NMDOT Specification	Description	Quantity	Units
1	NMDOT 621	Mobilization/ Demobilization	1	Lump Sum
2	NMDOT 663	Adjust Existing Water Valve Box to Grade	2	Each
3	NMDOT 663	Adjust Existing Manhole Cover to Grade	2	Each
4	NMDOT 407	Asphalt Tack Coat	4670	Square Yard
5	NMDOT 423	2.00 Inch Depth Hot-Mix Asphalt Overlay	4670	Square Yard

* The Summary of Bid Items and Quantities table references the "New Mexico State Department of Transportation - Standard Specifications for Highway and Bridge Construction - State Construction Bureau" (Most Recent Edition).



REV NO	REV DATE	DESCRIPTION

PROJECT CONTROL NUMBER: L00554
DRAWN BY: K. S. Berry
PROJECT ENGINEER: K. S. Berry
SCALE: As Shown
DATE OF DRAWING: March 17, 2022

Project: West Colfax Avenue Resurfacing Project
Project No. 2022-03-17

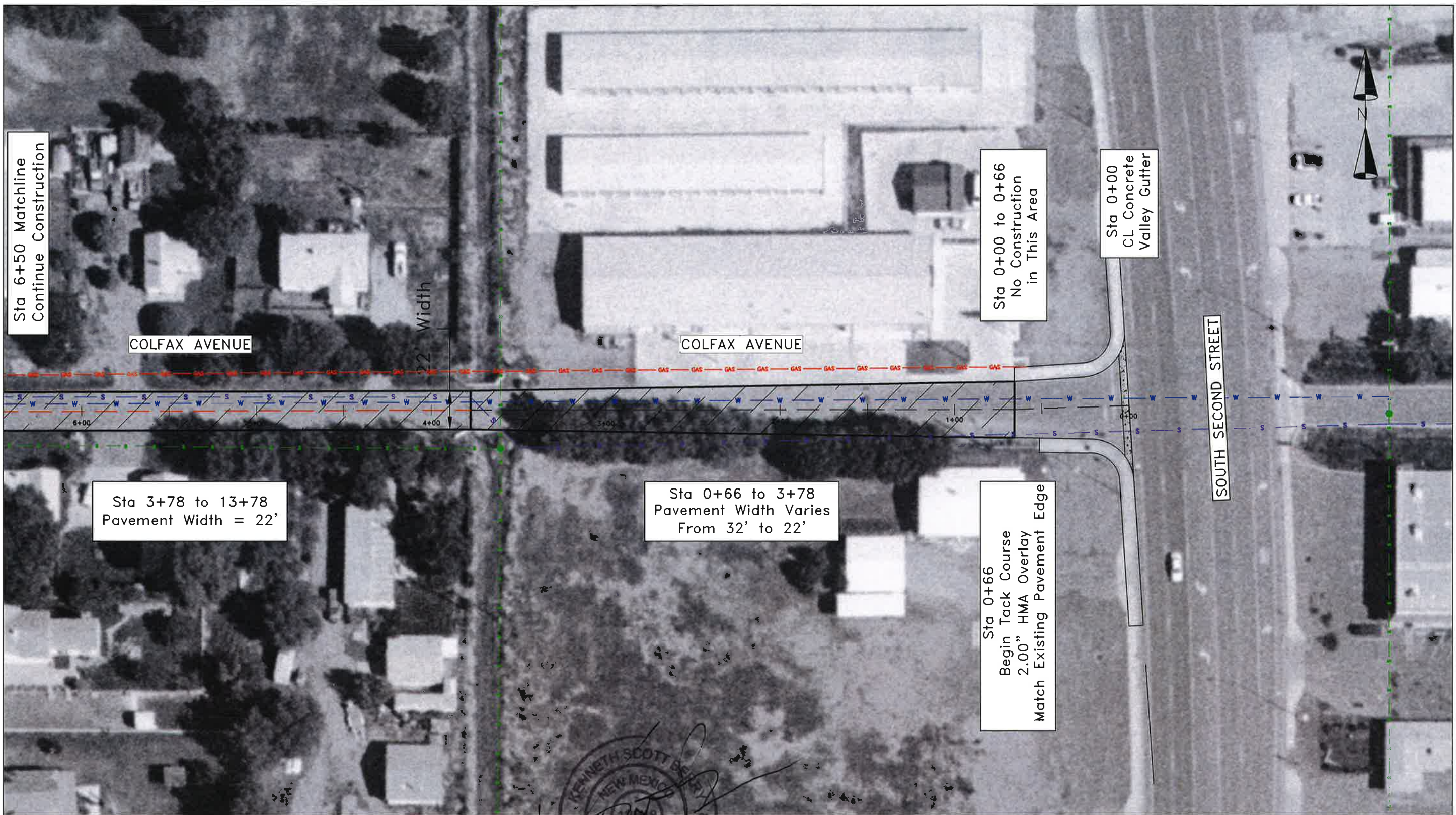
Prepared For:
The City of Raton
Post Office Box 910
224 Savage Avenue
Raton, New Mexico 87740

Title: Construction Notes & Details

Sheet

G-2





Revisions	No.	Description



Prepared By:

Kenneth Scott Berry, P.E.

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City of Raton
224 Savage Avenue
Post Office Box 910
Raton, New Mexico 87740
(575) 445-9551

Title
Construction Plan
West Colfax Avenue Resurfacing Project
Control No. L400554
Raton, New Mexico
Scale: 1" = 50' | Date: December 31, 2021 | Sheet C-1



Revisions	No.	Description

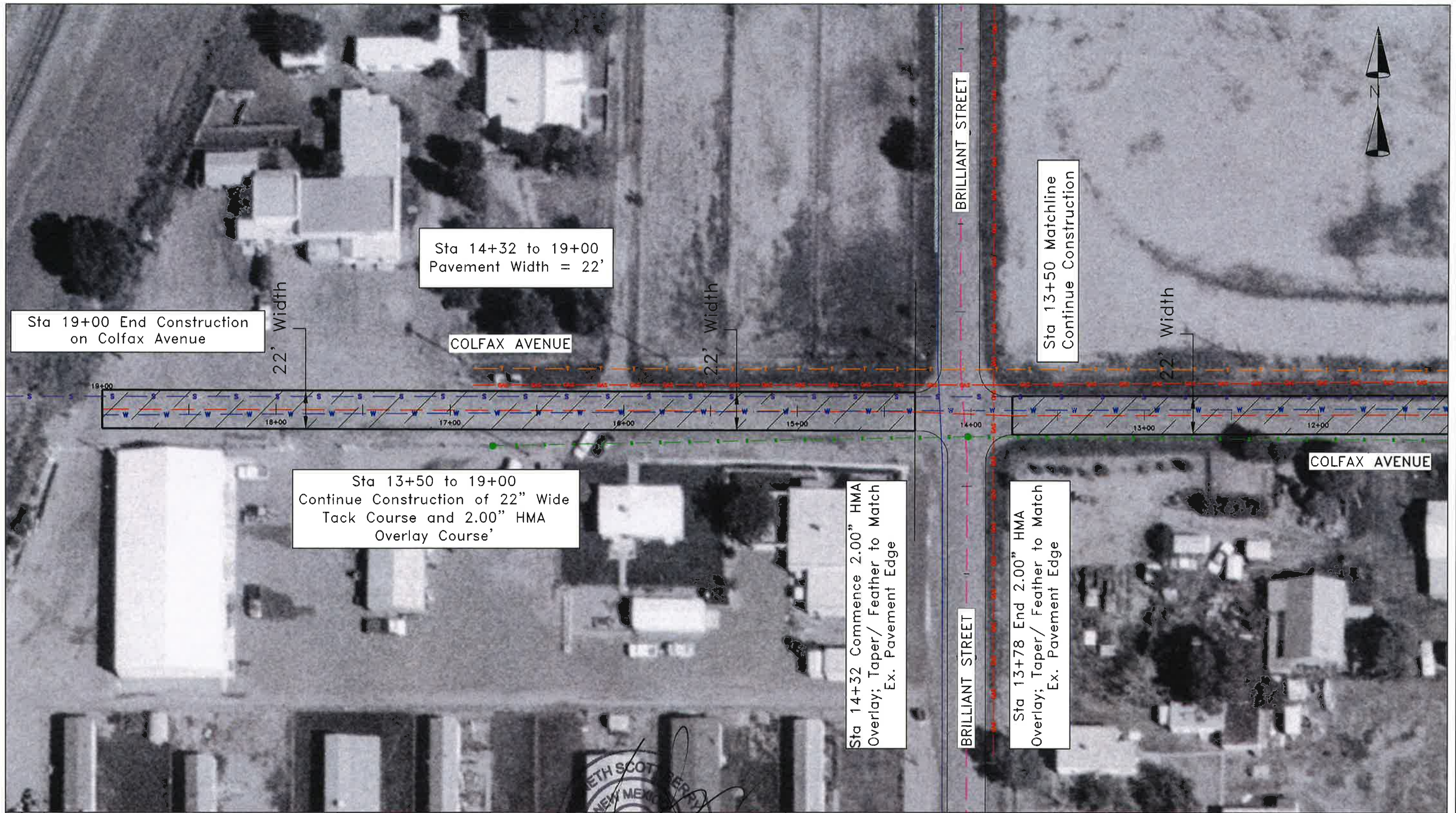


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Construction Plan
West Colfax Avenue Resurfacing Project
Control No. L400554
Raton, New Mexico
Scale: 1" = 50' Date: December 31, 2021 Sheet C-2



Revisions	No.	Description



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Construction Plan
West Colfax Avenue Resurfacing Project
Control No. L400554
Raton, New Mexico
Scale: 1" = 50' Date: December 31, 2021 Sheet C-3