

Cameron Estates Community Services District

2023 Road Work Scope & Description

Project #711318 - Eroded Ditches & Shoulders

Shoulder Work All shoulders shall be backed a minimum depth of three (3) inches compacted thickness with $\frac{3}{4}$ " Class 2 aggregate base throughout the project. Existing shoulders less than three inches lower than the pavement edge shall be excavated to allow for the proper depth of base. If the shoulder is not placed the same day of excavation, safety cones shall be placed per above until the base is completed. The aggregate base shall be placed with a wing-type shoulder machine and installed to grade (allowing for the compaction) without further shifting by other machinery. The aggregate base shall have adequate moisture throughout when placed and compacted to 95% density with vibratory rollers. Shoulders shall be two feet wide except at location 32 where it widens to 10 feet. The outside edge of this widening will taper to existing grade. All shoulder backing shall be completed per the schematic supplied after the HMA patching and before the GRCS installation.

Ditch Repair: This work shall be completed prior to the installation of the shoulder backing and will include the excavation and bench necessary to install the shoulder backing. Upon completion of the bench (which will be compacted to 95% density), safety reflector cones shall be placed 50 feet on center on curves and 100 feet in tangents or a one-foot taper shall be placed at the edge of the road for safety. This taper shall be removed the same day of the installation of the shoulder backing.

For Chip Seal see attached Material and Application Specifications

Site 1 (18-1) 4542 Cameron Rd. (@ Deer Knoll, NE side of road) to stop at Flying C Rd. Cam10. GPS start: 38.64283, -120.98489. GPS stop: 38.64334, -120.98548

- **Reshape ditch** as needed.
- **Shoulder** washed out. 49 CY of backing gravel, 279'L X 7'W X 8"D

Site 2 (18-2) 4660 Cameron Rd. (South of Old Mill. NE side of Rd.) to corner of Longview. Cam08.

GPS start: 38.64067, -120.98107 GPS stop: 38.63913, -120.97889.

- **Reshape ditch** as needed.
- **Shoulder** washed out. 108 CY of backing gravel, 867'L X 5'L X 8"D

Site 3 (18-3) 4990 - 5025 Sleepy Hollow Rd. (East of Highcrest Rd. N side of Rd.) Sleepy. GPS start: 38.63657, -120.96881 GPS stop: 38.63687, -120.96721.

- **Reshape ditch** as needed.
- **Shoulder** washed out. 56 CY of backing gravel, 565'L X 4'W X 8"D

Site 4 (18-4) 4601- 4640 Valley Vista (off Cameron Rd., East side of road.)

GPS start: 38.64083, -120.98532.

- **Reshape ditch** as needed.
- **Shoulder** washed out. 11 CY of backing gravel, 167'L X 5'W X 4"D.

Site 5 (18-5) 3251- 3265 Longhorn Ridge. (North side of road.) L-Horn.

GPS start: 38.64426, -120.97733

- **Reshape ditch** as needed.
- **Shoulder** washed out. 21 CY of backing gravel, 168'L X 5'W X 8"D.

Site 6 (18-6) 4721- 4821 Flying C Rd. (West Side of Rd., North of Strolling

Hills Rd.) FlyC3. GPS start: 38.64894, -120.98244. GPS stop: 38.64813, -120.98263.

- **Reshape ditch** as needed.
- **Shoulder** washed out. 58 CY of backing gravel, 308'L X 5'W X 1'D.
- **Repair pavement.** 1 CY of pavement edge, chip & seal, 126'L X 1'W X 2.5"D broken and washed out.

Site 7 (18-7) 2780 Lariat Dr. (West side of Rd., West of Strolling Hills Rd.) to stop at Strolling Hills. Lar 5.

GPS start: 38.65121, -120.98791 GPS stop: 38.65232, -120.98671

- **Reshape ditch** as needed. 21 CY of unclassified fill, 545'L X 1'W X 1'D washed out.
- **Shoulder** washed out. 51 CY of backing gravel, 545'L X 5'W X 6"D.

Site 8 (18-8) 1225 Deer Creek Rd. (South of Flying C Rd., West side) from

telephone pole to corner Flying C. DeerCr. GPS start: 38.64211, -120.99060

- **Reshape ditch** as needed. 26 CY of rip rap, 115'L X 6'W X 1'D washed out of position
- **Shoulder** washed out. 9 CY of backing gravel, 115'L X 2'W X 1'D.

Site 9 (18-9) 3245 Native Lane, (South side of Rd) to Flying C Ct. (FlyCC1), to Flying C Rd. past Stop sign to 4360 Flying C Rd. Continuous ditch all the way down. (Native)

GPS start: 38.64566, -120.99572, GPS stop: 38.64583, -120.99393

- **Reshape ditch** and diversions as needed. Needs mitigation to slow water.
- **Shoulder** washed out. 138 CY of backing gravel. 1,395'L X 4'W X 8"D.

Site 10 (18-10) 4401 Spring Meadow Rd @ fire hydrant

- **North Side- Reshape ditch** and remove sediment. 7 CY of sediment, 73'L X 5'W X 6"D. GPS start: 38.64771, -120.972239
- **North Side- Shoulder** washed out. 4 CY of backing gravel, 119'L X 5'W X 2"D. GPS start: 38.64790, -120.97285
- **South Side- Shoulder** washed out. 5 CY of backing gravel, 78'L X 5'W X 4"D. GPS start: 38.64770, -120.97259

Site 11- (18-11) 4511 Brookside Rd. (Northside) from telephone pole to Flying C corner. GPS start: 38.64215, -120.98925

- **Remove sediment** in ditch. 11 CY of sediment to be removed. 102'L X 4'W X 8"D.
- **Reshape ditch** as needed.