

CONTRACT #
PROJECT # 17M110CN
MACC # 17-0456
MAXIMO # 4779826

TITLE: LEJEUNE WEST SIDE UNPAVED ROADS GRAVEL AND GRADING

ATTACHMENTS: Site Map, Five Pages.

SCOPE OF WORK, 5 PAGES.

General Description:

Install two twenty foot lengths of 12 inch diameter, HDPE corrugated, dual wall pipe across South Toms Road.

The Contractor shall fill, compact and grade approximately 8.2 miles of non-paved roads with no less than 7,300 tons of ABC crushed stone.

Detailed requirements and specifications:

Site # 1: South Toms Road – 0.4 Miles – 100 Tons of ABC.

A) Distribute no less than 100 tons of ABC crushed stone to all holes, low, and soft areas. Any excess stone that is not required in holes and low areas shall be distributed on the road where ever it is determined by the project manager to improve the integrity of the road.

B) Install two twenty foot long lengths of pipe approximately 0.14 miles north of the CC Road intersection and as shown on the site map and marked with orange paint on one tree.

The pipes shall be 12 inch diameter HDPE corrugated, dual wall, with the inner wall being smooth on the inside of the pipe.

Install the pipes parallel to each other and spaced with five feet distance between them from the outside.

The center of each pipe shall be centered on the middle of the road.

Install the pipes so that the top of the pipe is at approximately 12 inches below finished grade height and allow the areas on the east side to drain through the pipes and continue West.

Each of the twenty foot lengths shall be comprised of one complete 20 foot length of pipe with no joints and installed according to the manufacturers' specifications and directions.

The excess of pipe protruding on each side **SHALL NOT** be cut or trimmed in any way. The pipes shall be backfilled and covered with no less than 12 inches of ABC and graded in such a way that there is no substantial bump or hump in the road.

The ABC required to back fill and cover the culvert pipes has been included in the 100 tons allocated for South Toms Road.

Install geo textile fabric and rip rap on both sides of the road where the pipes protrude out from each side of the road to prevent erosion around the pipes.

C) Grade and roll compact all areas where crushed stone is applied and grade the entire length of road (0.4 miles) utilizing best professional practices as they apply to road grading.

Site # 2: CC Road – 1.2 Miles – 1,000 Tons of ABC.

A) Distribute no less than 1,000 tons of ABC crushed stone to all holes, low, and soft areas.

Any excess stone that is not required in holes and low areas shall be distributed on the road where ever it is determined by the project manager to improve the integrity of the road.

B) Grade and roll compact all areas where crushed stone is applied and grade the entire length of road (1.2 miles) utilizing best professional practices as they apply to road grading.

Site # 3: Magnolia Road – 2.2 Miles - 1,000 Tons of ABC

A) Distribute no less than 1,000 tons of ABC crushed stone to all holes, low, and soft areas.

Any excess stone that is not required in holes, low and soft areas shall be distributed on the road where ever it is determined by the project manager to improve the integrity of the road.

B) Grade and roll compact all areas where crushed stone is applied and grade the entire length of road (2.2 miles) utilizing best professional practices as they apply to road grading.

Site # 4: K10 Range Access Road – 0.6 Miles – 1,000 Tons of ABC.

A) Distribute no less than 1,000 tons of ABC crushed stone to all holes, low, and soft areas. Any excess stone that is not required in holes and low areas shall be distributed on the road where ever it is determined by the project manager to improve the integrity of the road.

B) Grade and roll compact all areas where crushed stone is applied and grade the entire length of road (0.6 miles) utilizing best professional practices as they apply to road grading.

Site # 5: Rhodes Point Road – 2.6 Miles – 2,000 Tons of ABC.

A) Distribute no less than 3,000 tons of ABC crushed stone to all holes, low and soft areas.

Any excess stone that is not required in holes, low and soft areas shall be distributed on the road where ever it is determined by the project manager to improve the integrity of the road.

B) Grade and roll compact all areas where crushed stone is applied and grade the entire length of road (2.6 miles) utilizing best professional practices as they apply to road grading.

Site # 6: The 4.3 miles from Hwy 17 to Range SR10. The route consists of the following sections of road that make up the 4.4 miles as shown on the Site Plan:

Starting at Hwy. 17 near the sign for SR10 Range to South Bay Road (0.3 miles), Turn left onto South Bay Road to the intersection of Bridge Road (2.5 miles). Turn right onto Bridge Road to the intersection of Prince Trail (0.8 miles). Turn left onto Prince Trail to the end at the Range SR10 (0.8 miles). – 2,000 Tons of ABC.

A) Distribute no less than 3,000 tons of ABC crushed stone to all holes, low and soft areas and any area where geo stabilization material is exposed.

B) Grade and roll compact all areas where crushed stone is applied and grade the entire length of road (2.6 miles) utilizing best professional practices as they apply to road grading.

Site # 7: Camp Devil Dog Security Vehicle Checkpoint Area in front of the Camp Devil Dog Gate – 200 Tons of ABC.

A) Distribute no less than 200 tons of ABC crushed stone to the area.

B) Grade towards existing drainage and roll compact all areas where crushed stone is applied utilizing best professional practices.

SUBMITTALS: None

SPECIAL SCHEDULING AND ACCESS:

Some of these roads may be closed to access when certain ranges are “Hot” or “Live”. The contractor shall coordinate with Range Control prior to performing any work.

Use of side range gates for purposes of crushed stone delivery may be possible with permission from Range Control and coordination with the government project manager.

SPECIAL CONDITIONS:

The Contractor shall provide to the Government Project Quality Control Manager tonnage delivery receipts showing how much crushed stone was put down on each of the five roads.

HAZARDOUS MATERIALS: None

ENVIRONMENTAL: None

HAZARDOUS MATERIALS: None

ENVIRONMENTAL: None

- 1) All work related issues must be coordinated through the government project manager.
- 2) Any changes to this project or deviation from this scope of work or specifications must be approved by the Government Project Manager in writing and authorized by the funding customer.
- 3) The Funding Customer for this project is: Public Works Dept., Bldg. 1005, Camp Lejeune.
- 4) The Point of Contact at Public Works is: Scot Williams randall.s.williams@usmc.mil (910) 451-0877, Cell 910-545-9240.

All measurements furnished in this scope of work are “approximate” and are for reference only. Actual precise measurements shall be field verified by the contractor.

The Government Project Manager for this project is: To be determined.

Contractor is responsible for locating any utilities prior to digging.

The P.O.C.'s have no authority to alter the scope of work after the project has been awarded.

Make arrangements with the Points of Contacts at the Pre-Con. meeting and / or one week prior to the project start date to coordinate accordingly so that work can commence.

OTHER POINTS OF CONTACT ARE:

Bill Vanpelt, Range Maintenance Officer, 910 451-8799 william.vanpelt@usmc.mil

Jamie Muston, Planner / Estimator – Range Maintenance (910) 451-1234
james.muston@usmc.mil

SPECIFICATIONS:

Culvert Pipe: All culvert pipes shall be dual wall high-density polyethylene pipe with smooth interior wall and corrugated exterior wall.

Each section of pipe shall be twenty feet in length and when coupled together according to the manufactures' directions and specifications will make up each forty foot section with only one coupling.