NAPA COUNTY
DEPARTMENT OF PUBLIC WORKS
2021 FOUR LAGGING WALLS CONSTRUCTION PROJECT
DRY CREEK ROAD MPM 9.75, RDS 21-06

PROJECT SITE
ADDRESS:
NEAR 6091 DRY CREEK RD MPM 9.75
NAPA, CA
N: 38.40917, E: -122.44639

LOCATION MAP
NOT TO SCALE

ORGANIZATION          SPECIALTY       NAME                  PHONE                  E-MAIL                        ADDRESS
NAPA COUNTY            OWNER          JEREMY PARKS           (707)-259-8270          jeremy.parks@napa-county.ca  1105 THIRD STREET, SUITE 101, NAPA, CA 94559
ADRO ENGINEERING, INC. CIVIL/STRUCTURE  MALISH KAVANAN           (816)-709-0154           mkk@adroinc.com               140 DIAMOND CREEK PLACE, ROSEVILLE, CA 95661
MILLER PACIFIC GROUP   GEOTECH        MIKE MORSOLI           (415)-246-7011           mikes@millergp.com            130 CAMINO DORADO, SUITE 5, NAPA, CA 94558
ALISON SURVEYS         SURVEYORS     JON WEBB              (707)-936-1217           jwebb@alisonsurveys.com       1113 HUNT AVENUE, SAINT HELENA, CA 94574

OHNE FOR BID SET

REVISED STANDARD PLANS (RSP) DATED 2018
PLAN No.  PLAN TITLE
A77L2  MINOR QUADRANT SYSTEM STANDARD RAILING SECTION
A77NS  MINOR QUADRANT SYSTEM TYPICAL LINE POST
A77N4  MINOR QUADRANT SYSTEM TYPICAL RAILING DELIMITATION AND GATE POSITIONING DETAILS (REFLECTOR AT EVERY THIRD POST)
A77P2  MINOR QUADRANT SYSTEM TYPICAL LAYOUTS

ISSUED FOR BID SET

PROJECT TITLE
DRY CREEK ROAD MPM 9.75, RDS 21-06

TITLE SHEET
SHEET TITLE
1
12
PROJECT GENERAL NOTES:

1. The contractor shall be in receipt of approved plans and permit prior to construction.
2. The contractor shall notify all utility companies involved in the area prior to the beginning of work. Contractor shall keep site clean and all existing utilities.
3. The contractor shall possess the license or certificate specified in the contract documents.
4. The contractor shall be responsible for ensuring that all work is completed in accordance with the contract specifications. The contractor shall be responsible for any damage caused by the contractor's work or the equipment used in the performance of the work.
5. For additional information, refer to the project construction manual.
6. Environmental protection: the contractor shall notify the county's project manager of any unusual conditions noted during the course of the work.

CONSTRUCTION SPECIFICATIONS AND STANDARDS:

1. A component in one contract part applies as if appearing in each. The plans and specifications parts are complementary and descriptive and provide for a complete work. If a discrepancy is found or confusion arises, request correction or clarification in writing with an affidavit from the approved plans and specifications. The plans and specifications shall be amended by the county engineer and all changes shall be by written permission only.
2. All workmanship, materials, and construction shall conform to the construction specifications and standards. The 2018 California Standard is the current standard, and all work shall be performed in accordance with the specifications.
3. The contractor shall provide and maintain sufficient temporary barricades to provide for the safety of the staff and public to the satisfaction of the engineer.
4. The contractor shall notify the county engineer of any changes in specifications or standards. The county engineer shall be notified in writing of any changes in specifications or standards.
5. The contractor shall provide and maintain sufficient temporary barricades to provide for the safety of the staff and public to the satisfaction of the engineer.

GENERAL NOTE AND ABBREVIATIONS

- ABBREVIATIONS
- AB: Aggregate Base
- AC: Asphalt Concrete
- BC: Beginning of Curve
- BD: Bottom
- BR: Bridge
- C: Centerline
- CF: Centerline
- CE: Existing
- DI: Distance Indicator
- FL: Flow Line
- F: Finish Grade
- HA: Hot Air Blower
- LT: Left
- LV: Length of Vertical Curve
- M: Midpoint
- ML: Minimum Limit
- N: Number
- O: Original Grade
- P: Point of tangent
- PC: Point of Curve
- PM: Point of Intersection
- PCC: Portland Cement Concrete
- PCC: Portland Concrete Concrete
- PL: Profile Line
- PR: Proposed
- R: Right
- RE: Reinforcement
- RH: Right-of-Way
- ROW: Roadway
- SP: Station
- ST: Standard
- TA: Typical
- TB: Top of Bank
- CD: Centreline
- CD: Centerline
W18X175 SOLDIER PILE DATA

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**NOTES:**
1) Contractor to verify all controlling field dimensions before ordering or fabricating any material.
NOTES:

1. CONTRACTOR SHALL INSTALL PERMANENT CHECK DAM AS DIRECTED BY ENGINEER (OPTIONAL). CHECK DAM TO BE 2 1/2' X 1' WOODEN BOXES, HELD IN PLACE WITH 6' X 3' LONG STEEL STAKES. ENSURE LOCATION OF BOXES AND STAKES AS DIRECTED BY ENGINEER.

2. CONTRACTOR SHALL INSTALL TEMPORARY Silt Fencings AS SHOWN AND AS PER CALTRANS STD PLAN T157.

3. CONTRACTOR SHALL INSTALL TEMPORARY FLOOD PROTECTION AS SHOWN AND AS PER CALTRANS STD PLAN T255.

4. CONTRACTOR SHALL INSTALL TEMPORARY CONCRETE WASHOUT FACILITY PER CALTRANS STD PLAN T90.

5. CONTRACTOR SHALL INSTALL DRAINAGE FLOOD PROTECTION AS SHOWN AND SIMILAR TO CALTRANS PLAN T70.5 AND T70.6.

6. ALL EXISTING UTILITIES SHALL BE PROTECTED IN PLACE DURING CONSTRUCTION.

7. existing utility locations shown are approximate, verify location of all overhead and underground utility lines and poles prior to construction.
NOTES:

1. 

2. ALLOW SUFFICIENT CURVE TIME BEFORE LIFTING BEAMS. 2,500 PSI STRENGTH IS REQUIRED.

3. DESIGN IS BASED ON 5 PSF ACTIVE PRESSURE AND 200 PSF SURFACE WITH MAXIMUM
WEIGHT OF 170:

4. PLACE 1/2 INCH NON-ORGANIC SPACERS BETWEEN LAGGING FOR DRAINAGE (PLASTIC SHEET
OR STEEL NUTTERS). USE 2 SPACERS PER PANEL FOR EACH LAGGING.

5. PLACE WHAT EVER NON ORGANIC Material SIDE OF LAGGING AND BACKFILL AND RIDG
BETWEEN FABRIC AND SOIL WITH PE CRUSHED OR CRUSHED ROCK.

6. LAGging SMALL LAPE LEAVE MINIMUM ON STEEL BEAMS.

TYPICAL SECTION

SCALE: 1"=1'-0"
NOTES:
1. Contractor to post two variable electronic message signs facing up and down on Dry Creek Road one week prior to construction informing the community regarding proposed construction work, construction schedule, traffic control, traffic delays, detouring, and contractor contact information.
2. When shutting down road to the line of traffic, contractor shall add two battery powered temporary traffic control signs on each side of work zone along with signs required by county traffic engineer.
3. Traffic, slow flashing lights, barricades and other traffic control devices used to control traffic shall conform to the standards set by the county traffic engineer.
4. Advance warning signs shall be placed within 100 feet for nighttime closure.  These signs shall be blue and shall be orange in color.
5. Roadway shall not be opened until safe for public use.  All open ditches must be flared or barricaded prior to public usage.
6. One full travel lane shall remain open all the time, maintain a minimum of 11 mile roadway for emergency vehicles and local and emergency access shall be maintained at all times.
7. Contractor is responsible for complying with the local traffic control plan in conformance with the local authority standards and as approved by the county traffic engineer.  In case of non-compliance the county reserves the rights to shut down and/or stop all work.
8. One (1) changeable message sign shall be placed at or near roadway 25 and at roadway 12 (Sonoma County).

PROPOSED TRAFFIC CONTROL PLAN IS TENTATIVELY APPROVED AS NOTED FOR ROAD CLOSURE AT DAYTIME ONLY.

THIS TRAFFIC CONTROL PLAN IS SUBJECT TO MINOR MODIFICATION DUE TO SITE CONDITIONS AND AS APPROVED BY THE COUNTY ENGINEER AND/OR INSPECTOR.