



**SAN DIEGO GAS & ELECTRIC COMPANY**  
**11-17-6UT-0463**  
**JANUARY 29, 2018**  
**PAGE TWO**

**Permittee must call Caltrans' District 11 Field Survey Supervisor, Ned Salman, phone number (858) 467-4305 or by e-mail at [ned.salman@dot.ca.gov](mailto:ned.salman@dot.ca.gov), AT TWO WEEKS IN ADVANCE OF BEGINNING THE OPERATION, to arrange for Caltrans to conduct an initial survey scan of the pavement surface.**

**Permittee must call Caltrans' District 11 Signal Operations Department, BERAKI WOLDEABZGHI, phone number (858) 467-3036 or by e-mail at [beraki.woldeabzghi@dot.ca.gov](mailto:beraki.woldeabzghi@dot.ca.gov), AT TWO WEEKS IN ADVANCE OF BEGINNING THE OPERATION, to arrange for Caltrans to adjust signal timing as needed.**

**In addition, Permittee must call Chris Piquette, telephone number (858) 467-4010, AND Daniel Stuhr, telephone number 760-497-3326, at least seven working days prior to starting work and arrange for electrical and fiber optic mark-outs. Caltrans electrical facilities may be affected by this permit work.**

No vehicles or equipment shall be parked within the highway right of way at any time, except for those vehicles or that equipment actually engaged in the work, during the working hours specified herein.

The following District Standard Special Provisions are generalizations of the Department Standard Specifications and are included only as a Permittee convenience. Permittee's attention is directed to the current Department Standard Specifications for complete, unabridged, specification requirements.

Once begun, that portion of the work within the State Highway right of way shall be prosecuted to completion as rapidly as possible.

All personnel on foot within the State Highway right of way shall wear personal protective equipment, including safety glasses, hard hats and American National Standards Institute (ANSI) compliant Class II vests. In addition, all personnel working at night, on foot within the State Highway right of way shall wear ANSI Class III warning garments.

The Permittee is responsible for locating and protecting all utilities both underground and aerial. Any costs incurred for locating and protecting and/or relocating any utilities shall be borne by the Permittee.

All work shall be performed in accordance with the current Department of Transportation Standard Specifications and the Department of Transportation Encroachment Permit Underground Utility Provisions dated March, 2013.

Permittee is responsible for the actual cost of inspection, which may be more or less than the deposit. A bill or refund shall be sent upon satisfactory completion of the work. Payment of any bill is a condition of the permit.

**SAN DIEGO GAS & ELECTRIC COMPANY**  
**11-17-6UT-0463**  
**JANUARY 29, 2018**  
**PAGE THREE**

Caltrans shall conduct an initial survey scan of the pavement surface prior to jack and bore and subsequent scans during and after the jack and bore operations. Copies of the pavement survey notes shall be provided to the Permittee Contractor upon request.

Settlement shall not exceed half an inch in 20 feet. Settlement shall be monitored. If it appears during settlement monitoring that this threshold might be exceeded, then all jack and bore operations shall cease immediately. The Permittee shall then submit a plan to stabilize the excavation for Caltrans review and approval. If deemed necessary by Caltrans, the Permittee shall restore the pavement areas to their original condition.

Caltrans' representative may require the Permittee to pressure grout the area between the pavement and the casing from within the casing or from the top of pavement to fill any voids caused by the permitted work. Grouting shall be at the expense of the Permittee. The grout holes inside the pipe shall be 8' apart longitudinally and offset 22 degrees from vertical, and staggered to left and right of the top longitudinal axis of the casing. Grout pressure shall not exceed five (5) psig for a duration sufficient to fill all voids.

All pits shall have crushed-rock and sump areas to clear groundwater and water used to clean the casing. Pits shall be lined with filter fabric when groundwater is found and pumping is required.

The Permittee shall provide full-time jack and bore inspection that will be monitored by the State's Geotechnical Representative or the State's Inspector.

Restoration of damage to any highway or non-highway facility caused by escaping drilling fluid, or the jack and bore operation, shall be the responsibility of the Permittee.

Permittee shall furnish to the State Representative and the Materials Engineering and Testing Services (METS) Materials Administrator a completed form DC-CEM-3101 "Notice of Materials to be Used" for all signal poles, sign poles, light poles, mast arms, signal panels, guard rail components, and other items as specified by the State Representative. Please note that these materials may require source inspection and approval at the manufacturer's plant. Materials identified on form TL-608 which are not inspected and approved by the State at the manufacturer's plant will be rejected from use on the State highway.

A minimum of six weeks for source inspection, testing, and approval of materials is to be used.

Form DC-CEM-3101 shall be furnished to the State's Inspector or Representative at the Pre-construction meeting.

**SAN DIEGO GAS & ELECTRIC COMPANY**  
**11-17-6UT-0463**  
**JANUARY 29, 2018**  
**PAGE FOUR**

**All work shall be performed in accordance with the Caltrans Encroachment Permits Guidelines and Specifications for Trenchless Technology Projects, dated January 2015. Permittee/Contractor shall submit to State's Inspector the following: Drilling Fluids Management Plan, Safety Plan, Contingency Plan and Communication Plan. Guidelines and Specifications can be found at [http://www.dot.ca.gov/trafficops/ep/docs/HDD\\_Booklet.pdf](http://www.dot.ca.gov/trafficops/ep/docs/HDD_Booklet.pdf).**

Sidewalk shall be sawcut to an existing expansion joint or scoreline. New concrete shall match existing concrete color, texture and score pattern.

Curbs and gutters shall be installed over 6 inches of Class 2 Aggregate Base. Sidewalks shall be placed over 4 inches of Class 3 Aggregate Subbase.

Pavement shall be sawcut a minimum of 0.2 foot deep prior to paving.

No dropoff adjacent to the edges of the existing pavement will be permitted during nonworking hours or days. Prior to leaving the job site at the end of the working day, any dropoff adjacent to the edge of pavement shall be temporarily backfilled and compacted for a minimum width of 4 foot. Temporary backfill shall be level with the pavement at its edge and shall have a maximum slope of 4:1 away from the pavement. Temporary backfill material shall be base material.

All open trenches within the improved area shall be backfilled, compacted and temporary repairs made to the surfacing before leaving the job site at the end of the working day. In lieu of temporary repairs, steel plate bridging may be allowed if approved by the State's Inspector prior to the start of work. Permanent paving shall be placed within five working days after completion of the above work. Permanent backfill and paving shall conform to the attached ENCROACHMENT PERMIT TRENCH DETAIL dated September, 2006 and the attached BACKFILL REQUIREMENTS.

When steel plate bridging is used, the attached Steel Plate Bridging Special Provisions will apply in addition to the attached General Provisions.

At least fourteen days prior to the start of work, any additional shoring plans and calculations not previously approved and included in this permit, for any trench 5 feet deep or greater shall be submitted to the Permit Inspector for review and approval by the District 11 Bridge Engineer. The shoring plan must be designed, stamped, and signed by a California Registered Civil or Structural Engineer unless the contractor elects to use the Construction Safety Order Details from the California Department of Safety and Health, Title 8 of the California Administration Code. No work shall begin until the shoring plans are approved by the Engineer.

Permittee shall implement and maintain the attached SWPPP, dated as approved DECEMBER 13, 2017, and as directed and approved by the State's Inspector.

**SAN DIEGO GAS & ELECTRIC COMPANY**  
**11-17-6UT-0463**  
**JANUARY 29, 2018**  
**PAGE FIVE**

All construction debris/materials/water/excess soil must become the property of the Permittee (SDG&E) and must be transported and disposed of outside Caltrans right-of-way in accordance with all applicable environmental laws and regulations. The Permittee must be identified as the generator for all construction debris/materials/water/excess soil and must be responsible for proper identification (including sampling and analysis) and management of all construction and contaminated debris/materials/water/excess soil that are removed and/or excavated from the work site.

If hazardous waste is generated, the Permittee must obtain an Environmental Protection Agency (EPA) Identification Number issued in their name. Caltrans Permit Field Inspector will not sign any manifests or shipping papers. The Permittee must be named as the generator on all Uniform Hazardous Waste Manifests and shipping papers.

Prior to waste disposal, the Permittee will submit the waste generator form(s) to the Caltrans Permit Field Inspector or Environmental Engineer for verification. The Permittee must submit to the Caltrans Permit Field Inspector or Environmental Engineer a copy of all manifests and/or shipping papers generated from materials removed, transported, and/or excavated from Caltrans right-of-way. Contact information for Caltrans Environmental Engineer is [brent.berge@dot.ca.gov](mailto:brent.berge@dot.ca.gov) or 619-688-3146.

If contaminated material is encountered, Permittee will stop work and contact the Caltrans Permit Field Inspector and Environmental Engineer immediately. A Sampling and Analysis Plan (SAP) and a Health and Safety Plan (HaSP) prepared by a Certified Industrial Hygienist (CIH) and in conformance with the California Code of Regulations Title 8 Section 5192 "Hazardous Waste Operations and Emergency Response" for sampling activity will be required through a separate encroachment permit application. Construction activity may not resume until Caltrans review and approval of the documents submitted.

Permittee is responsible for any violation, penalty, enforcement action, corrective action, remedial action, and any other type of consequences resulting from cross contamination of groundwater (including perched groundwater), improper handling/management of hazardous materials and/or placement of contaminated materials inside Caltrans right-of-way.

It is the Permittee's responsibility to comply with the Department of Toxic Substances Control (DTSC) Aerially Deposited Lead (ADL) requirements for roadway soil management. Reuse of soils containing greater than 80 mg/kg total lead is not allowed without written approval from the DTSC and Caltrans.

The Permittee must implement the emergency notification requirements established in the California Office of Emergency Management Hazardous Materials, Spill/Release Notification Guidance (<http://www.caloes.ca.gov>).

**SAN DIEGO GAS & ELECTRIC COMPANY**  
**11-17-6UT-0463**  
**JANUARY 29, 2018**  
**PAGE SIX**

Any imported material used for backfill must be free of contamination and certified as "clean." Documentation of source location must be provided to the Caltrans Permit Field Inspector and Environmental Engineer upon request. Importing soils containing greater than 80 mg/kg total lead for use in Caltrans right-of-way is not allowed.

No stockpiling of material will be allowed in Caltrans right of way.

Cultural monitoring by a Qualified Archaeologist (QA) will be required during construction until the QA determines no cultural resources are present or likely to be impacted.

Protect 1:1 temporary cut slopes within the shoring area from erosion. If the slopes are to be greater than 10 feet in height additional slope stability analysis should be performed to demonstrate that a 1:1 slope is still stable.

Permittee will protect in place all landscaping not impacted by construction with ESA fencing around areas outside the construction limits.

Mitigation for any existing landscaping damaged by the permitted work shall be as directed and approved by the State Landscape Inspector. Mitigation may be, but is not limited to planting, irrigation, and a plant establishment period as directed and approved by the State Inspector. Permittee will replace all impacted landscaping per attached Caltrans plans for this interchange. Size of container plant materials to be as directed by the Landscape Inspector to reflect current size of existing planting.

Permittee will provide three years of plant establishment to begin following installation of plant materials.

Plant establishment will include maintaining entire on-ramp quadrant, maintaining irrigation, replacement planting every month for plant material that dies, monthly weeding, and litter removal.

Applicant will obtain a new permit for the plant establishment period of three years. Existing permit will not be closed until new permit has been issued.

The State of California, Department of Transportation, makes no assurance or expressed warranty that the plans are complete or that the planned construction fits field conditions. Should additional work or modifications of the work be required in order to meet established Department Standards or in order to fit field conditions, the work shall be performed by Permittee as directed by the State's Resident Engineer at no cost to the State.

All work shall be coordinated with the State highway contractor's operations and under no circumstances shall the work granted herein interfere. All standards of construction shall be identical to similar work performed under adjacent highway contract.

**SAN DIEGO GAS & ELECTRIC COMPANY**  
**11-17-6UT-0463**  
**JANUARY 29, 2018**  
**PAGE SEVEN**

Traffic control when permitted or directed by the State's Inspector, shall consist of closing traffic lanes and shoulders in accordance with attached Caltrans 2015 Revised Standard Plan RSP T9, RSP T10, T10A, T11, T14 and the attached TRAFFIC CONTROL PLANS, Part 6 "Temporary Traffic Control" of the California Manual on Uniform Traffic Control Devices (California MUTCD) 2014 Edition, Section 12 "Temporary Traffic Control" of Caltrans 2015 Standard Specifications, and these Special Provisions.

When existing pedestrian facilities are disrupted, closed, or relocated in a Temporary Traffic Control zone, the temporary facilities shall be detectable and include accessibility features consistent with the features present in the existing pedestrian facility as determined by the State's Inspector. Where pedestrians with visual disabilities normally use the closed sidewalk, a barrier that is detectable by a person with a visual disability traveling with the aid of a long cane shall be placed across the full width of the closed sidewalk.

If any component in the traffic control system is displaced, or ceases to operate or function as specified, from any cause, during the progress of the work, the Permittee shall immediately repair said component to its original condition or replace said component and shall restore the component to its original location.

The Permittee shall retain a Civil Engineer, licensed to practice in California, who shall upon completion of the placement or regrading of materials requiring compaction, furnish to the State's Inspector, a report certifying that the compaction work has been accomplished in accordance with Caltrans Standard Specifications and Standard Plans. Compaction testing, in accordance with Caltrans testing procedures and policies, shall be performed by a certified testing laboratory. Copies of the test shall accompany the engineer's report.

Your attention is directed to Standard Specifications Section 5-1.36 "Property and Facility Preservation" and Business and Professions Code, Section 8771. Permittee shall physically inspect the work site and locate survey monuments prior to work commencement. Monuments that might be disturbed shall be referenced or reset in accordance with Business and Professions Code.

If feasible, monuments should not be set within the traveled way. All monuments that must be set or perpetuated in paved surfaces, shall be constructed in accordance with Caltrans Standard Specification Section 78-2, "Survey Monuments" and Standard Plan A74, Type D, or equal with prior approval of the District Survey Engineer.

Copies of Corner Records or Record of Surveys recorded in compliance with the Business and Professions Code shall be forwarded to the District Surveys Engineer.

Upon completion of the work provided herein, the Permittee shall submit one paper set of As-Built plans to the District 11 Caltrans Permit Office showing the actual location of the facility to the nearest 0.1 foot horizontally and vertically. Mylar or paper sepia plans are not acceptable.

**SAN DIEGO GAS & ELECTRIC COMPANY**  
**11-17-6UT-0463**  
**JANUARY 29, 2018**  
**PAGE EIGHT**

As-Built plans shall be signed by a Land Surveyor or Civil Engineer licensed to practice in the State of California.

Upon completion of the landscape and irrigation installation, the Permittee's Contractor shall contact the State's Inspector for a walk through review, which may include the State's Landscape Architect. After completing all issues addressed in the review, a set of paper landscape As-Built plans shall be given to the State's Inspector to check for acceptance. Once approved, the Permittee's Contractor will be contacted by the State's Inspector to submit one full size set of vellum or paper landscape As-Built plan sheets and one paper set, reduced to 11" X 17", to the District 11 Caltrans Permit Office.

Landscape As-Built plans shall be signed by a Landscape Architect licensed to practice in the State of California.

The period of maintenance stated in the Maintenance Agreement shall begin when the approved full size and reduced size paper landscape As-Built plans are received in the Permit Office.

Locations shall be tied to points that are compatible with State's datum for the area. If no datum exists, permanent reference points shall be set that can be used to accurately locate the facilities.

The provisions in this section will not relieve the Permittee from his responsibility to provide such additional devices or take such measures as may be necessary to comply with the provisions in Section 7-1.04, of the Standard Specifications.

Upon completion of the work, the attached card shall be completed and returned.



**Inspectors and Hours**  
**Permit # 11-17-6UT-0463**

|                     |                                |     |
|---------------------|--------------------------------|-----|
| MIKE DISPENZIERI    | INSPECTION HOURS               | 210 |
| BRIAN HINMAN        | GEOTECH INSPECTION HOURS       | 12  |
| NED SALMON          | FIELD WORK SURVEY HOURS        | 100 |
| ANGELA VASCONCELLOS | LANDSCAPE INSPECTION HOURS     | 25  |
| DANIEL STUHR        | FIBER OPTIC MARKOUT HOURS      | 8   |
| CHRIS PIQUETTE      | ELECTRICAL MARKOUT HOURS       | 8   |
| CLAIRE DODGE        | MATERIAL INSPECTION HOURS      | 12  |
| BERAKI WOLDEABZGHI  | SIGNAL TIMING HOURS            | 12  |
| OLGA ESTRADA        | ENVIRONMENTAL INSPECTION HOURS | 40  |

**Chart No. 1  
Complete Ramp Lane Hours/Ramp Lane Requirement Hours**

|            |                        |             |
|------------|------------------------|-------------|
| County: SD | Route/Direction: 15/NB | PM: M13.446 |
|            |                        | M14.016     |
|            |                        | M14.245     |
|            |                        | M14.429     |
|            | 15/SB                  | M14.515     |
|            |                        | M14.358     |
|            |                        | M14.144     |
|            |                        | M13.655     |

- Closure Limits: NB On-ramp from Miramar Way
- NB Off-ramp to Pomerado Rd/Miramar Rd
- NB On-ramp from EB Miramar Rd
- NB On-ramp from WB Pomerado Rd
- SB Off-ramp to Miramar Rd/Pomerado Rd
- SB On-ramp from WB Pomerado Rd
- SB On-ramp from EB Miramar Rd
- SB Off-ramp to Miramar Way

| FROM HOUR TO HOUR         | 24 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
|---------------------------|----|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Mondays through Thursdays | S  | S | S | S | S |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    | S  | S  |
| Fridays                   | S  | S | S | S | S |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Saturdays                 |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Sundays                   |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    | S  | S  |

**Legend:**

- S Ramp shoulder closure is permitted for placement of signs only
- Work is allowed within the highway where a shoulder or lane closure is not required.

REMARKS:



**Chart No. 2  
Complete Ramp Lane Hours/Ramp Lane Requirement Hours**

|  |                        |   |   |   |   |   |   |   |   |   |    |    |             |    |    |    |    |    |    |    |    |    |    |    |    |   |
|--|------------------------|---|---|---|---|---|---|---|---|---|----|----|-------------|----|----|----|----|----|----|----|----|----|----|----|----|---|
| County: SD                                     | Route/Direction: 15/NB |   |   |   |   |   |   |   |   |   |    |    | PM: M14.429 |    |    |    |    |    |    |    |    |    |    |    |    |   |
| Closure Limits: NB On-ramp from WB Pomerado Rd |                        |   |   |   |   |   |   |   |   |   |    |    |             |    |    |    |    |    |    |    |    |    |    |    |    |   |
| FROM HOUR TO HOUR                              | 24                     | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12          | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |   |
| Mondays through Thursdays                      | C                      | C | C | C | C |   |   |   |   |   |    |    |             |    |    |    |    |    |    |    |    |    |    |    | C  | C |
| Fridays  | C                      | C | C | C | C |   |   |   |   |   |    |    |             |    |    |    |    |    |    |    |    |    |    |    |    |   |
| Saturdays                                      |                        |   |   |   |   |   |   |   |   |   |    |    |             |    |    |    |    |    |    |    |    |    |    |    |    |   |
| Sundays  |                        |   |   |   |   |   |   |   |   |   |    |    |             |    |    |    |    |    |    |    |    |    |    |    | C  | C |

**Legend:**

Ramp may be closed completely.

Work is allowed within the highway where a shoulder or lane closure is not required.

**REMARKS:**

NOTE: When an Off-ramp is closed completely, place a PCMS (Portable Changeable Message Sign) in the direction of travel allowing the traffic the option to use the preceding Off-ramp and warning them of the ramp closure ahead.

PN - 11-17-6UT-0463 - 01-17-2018EC



**Chart No. 3  
Complete Ramp Lane Hours/Ramp Lane Requirement Hours**

|   |                        |             |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
|---|------------------------|-------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|--|
| County: SD  | Route/Direction: 15/NB | PM: M14.016 |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
|   | 15/SB                  | M14.515     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
| Closure Limits: NB Off-ramp to Pomerado Rd/Miramar Rd   |                        |             |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
| SB Off-ramp to Miramar Rd/Pomerado Rd   |                        |             |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
| FROM HOUR TO HOUR   | 24                     | 1           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |  |  |
| Mondays through Thursdays   | 3                      | 3           | 3 | 3 | 3 |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    | 3  | 3  |  |  |
| Fridays   | 3                      | 3           | 3 | 3 | 3 |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
| Saturdays   |                        |             |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
| Sundays   |                        |             |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    | 3  | 3  |  |  |
| Legend:   |                        |             |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
| <input checked="" type="checkbox"/> Provide at least 3 adjacent ramp lanes open in the direction of travel.   |                        |             |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
| <input type="checkbox"/> Work is allowed within the highway where a shoulder or lane closure is not required. |                        |             |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
| REMARKS:  |                        |             |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |

PN - 11-17-6UT-0463 - 01-17-2018EC



**Chart No. 4  
Complete Road Closure Hours/Road Lane Requirement Hours**

|            |                        |     |
|------------|------------------------|-----|
| County: SD | Route/Direction: EB/WB | PM: |
|            | Miramar Rd/Pomerado Rd |     |

Closure Limits: At Rte 15

| FROM HOUR TO HOUR         | 24 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
|---------------------------|----|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Mondays through Thursdays | S  | S | S | S | S |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    | S  | S  |
| Fridays                   | S  | S | S | S | S |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Saturdays                 |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Sundays                   |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    | S  | S  |

**Legend:**

- S Shoulder closure permitted/(may also be used for placement of signs)
- Work permitted within project right of way where shoulder or lane closure is not required.

**REMARKS:**

**Chart No. 5  
Complete Road Closure Hours/Road Lane Requirement Hours**

|            |                     |     |
|------------|---------------------|-----|
| County: SD | Route/Direction: WB | PM: |
|            | Miramar Rd          |     |

Closure Limits: JWO Rte 15

| FROM HOUR TO HOUR         | 24 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
|---------------------------|----|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Mondays through Thursdays | 2  | 2 | 2 | 2 | 2 |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    | 2  | 2  |
| Fridays                   | 2  | 2 | 2 | 2 | 2 |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Saturdays                 |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Sundays                   |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    | 2  | 2  |

**Legend:**

- 2 Provide at least two adjacent through lanes open in direction of travel
- Work permitted within project right of way where shoulder or lane closure is not required.

REMARKS:



**Chart No. 6  
Complete Road Closure Hours/Road Lane Requirement Hours**

|                                     |  |     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-------------------------------------|--|-----|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| County: SD                          | Route/Direction: EB  | PM: |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Miramar Rd                          |  |     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Closure Limits: At Rte 15           |  |     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| FROM HOUR TO HOUR                   | 24   | 1   | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| Mondays through Thursdays           | 1  | 1   | 1 | 1 | 1 |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    | 1  | 1  |
| Fridays                             | 1  | 1   | 1 | 1 | 1 |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Saturdays                           |  |     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Sundays                             |  |     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    | 1  | 1  |
| Legend:                             |  |     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| <input checked="" type="checkbox"/> | Provide at least one through traffic lane open in direction of travel                      |     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| <input type="checkbox"/>            | Work permitted within project right of way where shoulder or lane closure is not required. |     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| REMARKS:                            |  |     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |

PN - 11-17-6UT-0463 - 01-17-2018EC



**Chart No. 7  
Complete Ramp Lane Hours/Ramp Lane Requirement Hours**

|  |                        |             |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|--|------------------------|-------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| County: SD                                     | Route/Direction: 15/NB | PM: M14.429 |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Closure Limits: NB On-ramp from WB Pomerado Rd |                        |             |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| FROM HOUR TO HOUR                              | 24                     | 1           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| Mondays through Thursdays                      | S                      | S           | S | S | S | S | S | S | S | S | S  | S  | S  | S  | S  | S  | S  | S  | S  | S  | S  | S  | S  | S  | S  |
| Fridays  | S                      | S           | S | S | S | S | S | S | S | S | S  | S  | S  | S  | S  | S  | S  | S  | S  | S  | S  | S  | S  | S  | S  |
| Saturdays                                      | S                      | S           | S | S | S | S | S | S | S | S | S  | S  | S  | S  | S  | S  | S  | S  | S  | S  | S  | S  | S  | S  | S  |
| Sundays  | S                      | S           | S | S | S | S | S | S | S | S | S  | S  | S  | S  | S  | S  | S  | S  | S  | S  | S  | S  | S  | S  | S  |

Legend:

Ramp shoulder closure is permitted

Work is allowed within the highway where a shoulder or lane closure is not required.

REMARKS:

This chart is to be used for a maximum of three (3) months.

PN- 11-17-6UT-0463 - 01-17-2018EC

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**Chart No. 8  
Complete Road Closure Hours/Road Lane Requirement Hours**

|                           |                     |   |     |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|---------------------------|---------------------|---|-----|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| County: SD                | Route/Direction: WB |   | PM: |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|                           | Pomerado Rd         |   |     |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Closure Limits: At Rte 15 |                     |   |     |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| FROM HOUR TO HOUR         | 24                  | 1 | 2   | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| Mondays through Thursdays | 1                   | 1 | 1   | 1 | 1 |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    | 1  | 1  |
| Fridays                   | 1                   | 1 | 1   | 1 | 1 |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Saturdays                 |                     |   |     |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Sundays                   |                     |   |     |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    | 1  | 1  |

**Legend:**

- 1 Provide at least one through traffic lane open in direction of travel
- Work permitted within project right of way where shoulder or lane closure is not required.

**REMARKS:**

Krail must be removed every morning by 5AM.  
See TCP Sheet (9 of 48), (11 of 48), and (12 of 48)