



COUNTY OF SAN JOAQUIN

DEPARTMENT OF PUBLIC WORKS
P.O. BOX 1810-1810 E. HAZELTON AVENUE
STOCKTON, CALIFORNIA 95201
(209) 468-3000
FAX # (209) 468-9324

Permit No: PS-1901654
Date Issued: 07/17/2019
Start Date: 07/17/2019
Exp. Date: 10/01/2019
Project No: PWP7110005
Quad: SE

ENCROACHMENT PERMIT

To: WESTECH INDUSTRIES
30962 COMBS RD.
ESCALON, CA 95320

Encroachment Type:

Bell Hole	Bore (up to 12 inch Dia)	Trench	
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Location:

30051 E GROOMS RD

In compliance with your request of 05/24/2019, permission is hereby granted to do work in County right-of-way as shown on attached application and subject to all the terms, conditions and restrictions written below or printed as general or special provisions on any part of this form. See reverse side and attached sheet, if any.

Trench excavations for service connections will not be permitted within ten feet (10') of pavement centerline unless otherwise approved by the Director. Surface of trench patches shall match in kind and be smooth and even with that of abutting surface. Special attention shall be given to depth of utilities through roadside area in anticipation of future drainage facilities, road profile and/or frontage development. All underground utility facilities are to be established and accurately dimensioned on sketches from surveyed centerline of road right of way, or from right of way (border) lines.

Permittee shall call the Department of Public Works, Field Engineering Division (Permit Inspections) at (209)953-7421 at least forty-eight hours prior to beginning any work within the County right of way. All work performed under this permit shall conform to the rules and regulations pertaining to safety established by the California Division of Industrial Safety and Cal-OSHA.

The jobsite shall be kept in a safe condition at all times by the daily removal of any excess dirt or debris which might be a hazard to either pedestrian or automobile traffic. All necessary traffic convenience and warning devices and personnel shall be provided, placed and maintained by and at the sole expense of the Permittee in accordance with the latest edition of the CALTRANS Manual of Traffic Control.

After completion of the work permitted herein, all debris, lumber, barricades, or any excess material shall be removed and the jobsite left in a neat workmanlike manner. Immediately following completion of construction permitted herein, Permittee shall fill out and mail notice of completion (see attached post card) provided by Grantor.

Special Comments:

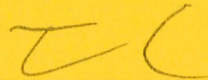
Traffic Control Per MUTCD*****See Attached "Special Conditions"*****No Pavement Cutting of Roadway, all excavations within dirt should portion of roadway*****

FORMS: SS/WW, R-29

Est. Permit Fee: \$759.75

WHITE -Permittee
GOLDENROD -PWD Central File
YELLOW -Field Inspection
PINK -Permit Section

KRIS BALAJI, Director
Department of Public Works

By: 
Permit Section

ENCROACHMENT PERMIT GENERAL PROVISIONS

13-1

1. This permit is issued under and subject to all laws and ordinances of agencies governing the encroachment herein permitted. See the following references:

STREETS AND HIGHWAYS CODE

1. Division 1, Chapter 3
2. Division 2, Chapter 2, Section 942
3. Division 2, Chapter 4, Section 1126
4. Division 2, Chapter 5.5 and Chapter 6

SAN JOAQUIN COUNTY ORDINANCES NUMBERED: 324, 441, 648, 662, 672, 695, 700, 860, 892, 3359, and 3675.

2. It is understood and agreed by the Permittee that the performance of any work under this permit shall constitute an acceptance of all the provisions contained herein and failure on the Permittee's part to comply with any provision will be cause for revocation of this permit. Except as otherwise provided for public agencies and franchise holders, this permit is revocable on five days notice.
3. All work shall be done subject to the supervision of and the satisfaction of the grantor. The Permittee shall at all times during the progress of the work keep the County Highway in as neat and clean condition as is possible and upon completion of the work authorized herein, shall leave the County Highway in a thoroughly neat, clean and usable condition.
4. The Permittee also agrees by the acceptance of this permit to properly maintain any encroachment structure placed by the Permittee on any part of the County Highway and to immediately repair any damage to any portion of the highway, which occurs as a result of the maintenance of the said encroachment structure, until such time as the Permittee may be relieved of the responsibility for such maintenance by the County of San Joaquin.
5. The Permittee also agrees by the acceptance of this permit to make, at its own expense, such repairs as may be deemed necessary by the County Department of Public Works.
6. It is further agreed by the Permittee that whenever construction, reconstruction or maintenance work upon the highway is necessary, the installation provided for herein shall, upon request of the County Department of Public Works, be immediately moved or removed by and at the sole expense of the Permittee.
7. No material used for fill or backfill in the construction of the encroachment shall be borrowed or taken from within the County right of way.
8. All work shall be planned and carried out with as little inconvenience as possible to the traveling public. No material shall be stacked within eight feet (8') of the edge of the pavement or traveled way unless otherwise provided herein. Adequate provision shall be made for the protection of the traveling public. Traffic control standards shall be utilized including barricades; approved signs and lights; and flagmen, as required by the particular work in progress.
9. The Permittee, by the acceptance of this permit, shall assume full responsibility for all liability for personal injury or damage to property which may arise out of the work herein permitted or which may arise out of the failure of the part of the Permittee to properly perform the work provided under this permit. In the event any claim of such liability is made against the County of San Joaquin or any department, official or employee thereof, the Permittee shall defend, indemnify, and hold each of them harmless for such claim.
10. All backfill material is to be moistened as necessary and thoroughly compacted with mechanical means. If required by the County Director of Public Works, such backfill shall consist of gravel or crushed rock. The Permittee shall maintain the surface over structures placed hereunder as may be necessary to insure the return of the roadway to a completely stable condition and until relieved of such responsibility by the County Department of Public Works. Wherever a gravel, crushed rock or asphalt surface is removed or damaged in the course of work related to the permitted encroachment, such material shall either be separately stored and replaced in the roadway as nearly as possible in its original state or shall be replaced in kind, and the roadway shall be left in at least as good a condition as it was before the commencement of operations of placing the encroachment structure.
11. Whenever it becomes necessary to secure permission from abutting property owners for the proposed work, such authority must be secured by the Permittee prior to starting work.
12. The current and future safety and convenience of the traveling public shall be given every consideration in the location and methods of construction utilized.
13. The Permittee is responsible for the preservation of survey monuments located within the area of work herein permitted. Prior to the start of construction, survey monuments that potentially may be disturbed shall be located and referenced by a Licensed Land Surveyor, and a Corner Record filed with the County Surveyor. Any Survey Monuments disturbed during the course of construction shall be reestablished by a Licensed Land Surveyor and another Corner Record filed with the County Surveyor. (Land Surveyors' Act Section 8771)
14. Prior to any excavation, the Permittee shall notify USA North (Underground Service Alert of Northern California and Nevada) at 811 or 800-227-2600 forty-eight (48) hours in advance.

APPLICATION FOR ENCROACHMENT PERMIT

PLEASE PRINT:

Date 2-28-19

To: San Joaquin County
Department of Public Works
Westech Industries, Inc
(Applicant Name)
30962 Combs Rd
(Mailing Address)
Escalon, CA 95320
(City, State, Zip Code)
209-606-6555
(Area Code - Telephone Number)
jill@westech.net
(Email Address)

OFFICE USE ONLY		
JOB #	<u>110005</u>	REF #
APN		CR #
EXP. DATE		
VALID	TO	DRIVEWAYS:
STREET		*
AREA	QUAD	*
TYPE		*
FORMS		
NOTES		

Sketch (Detailed plans may be submitted)

Attached

The undersigned hereby applies for permission to excavate, construct and/or otherwise encroach on County Highway Right-of-Way on the _____ side of _____ approximately 60' feet/mile _____ of _____, by performing the following work (description of work):
Bore approximately 60' across Grooms Rd. 950' West of Henry Rd

Work will commence on or after _____ for approximately _____ days.

I, the undersigned, certify that I am the owner of the respective property, or am qualified to represent the owner and agree to do the work described above in accordance with the rules and regulations of San Joaquin County and subject to inspection and approval.

Jill Harp - Controller
Signature of Applicant - Title

3-1-19
Date

N

Put a pipe to Shale water
with the south side of Grooms Rd.

Grooms Rd

no water
pile pits

water
pile pits
6" PVC pipe

W of Henry Rd

950'

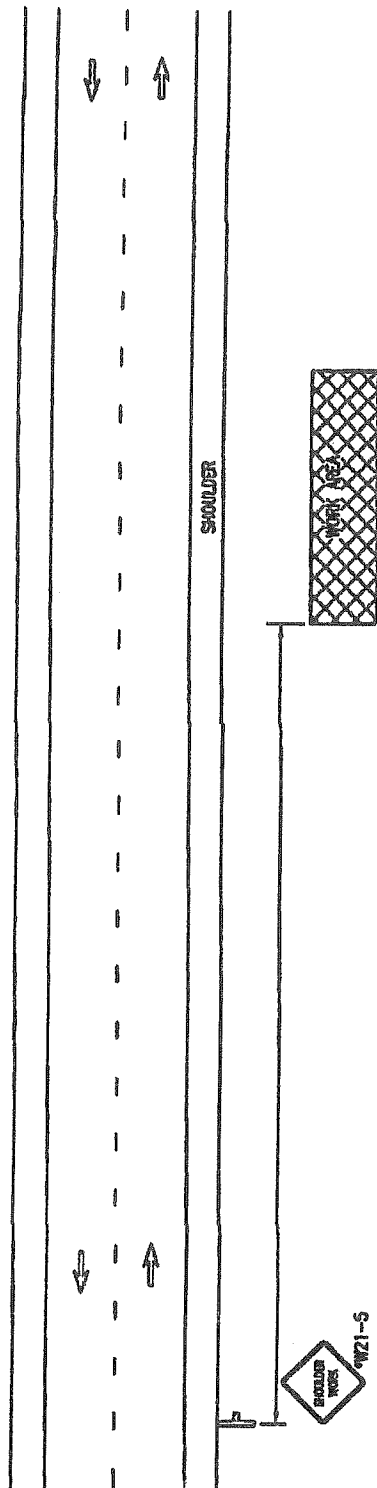
Henry Rd

N

E

S

WORKERS SIGN (W21-10) MAY BE OMITTED WHERE THE WORK SPACE IS BEHIND A BARRIER, MORE THAN 24 INCHES BEHIND THE CURB, OR 15 FEET OR MORE BEHIND EDGE OF ANY ROADWAY.



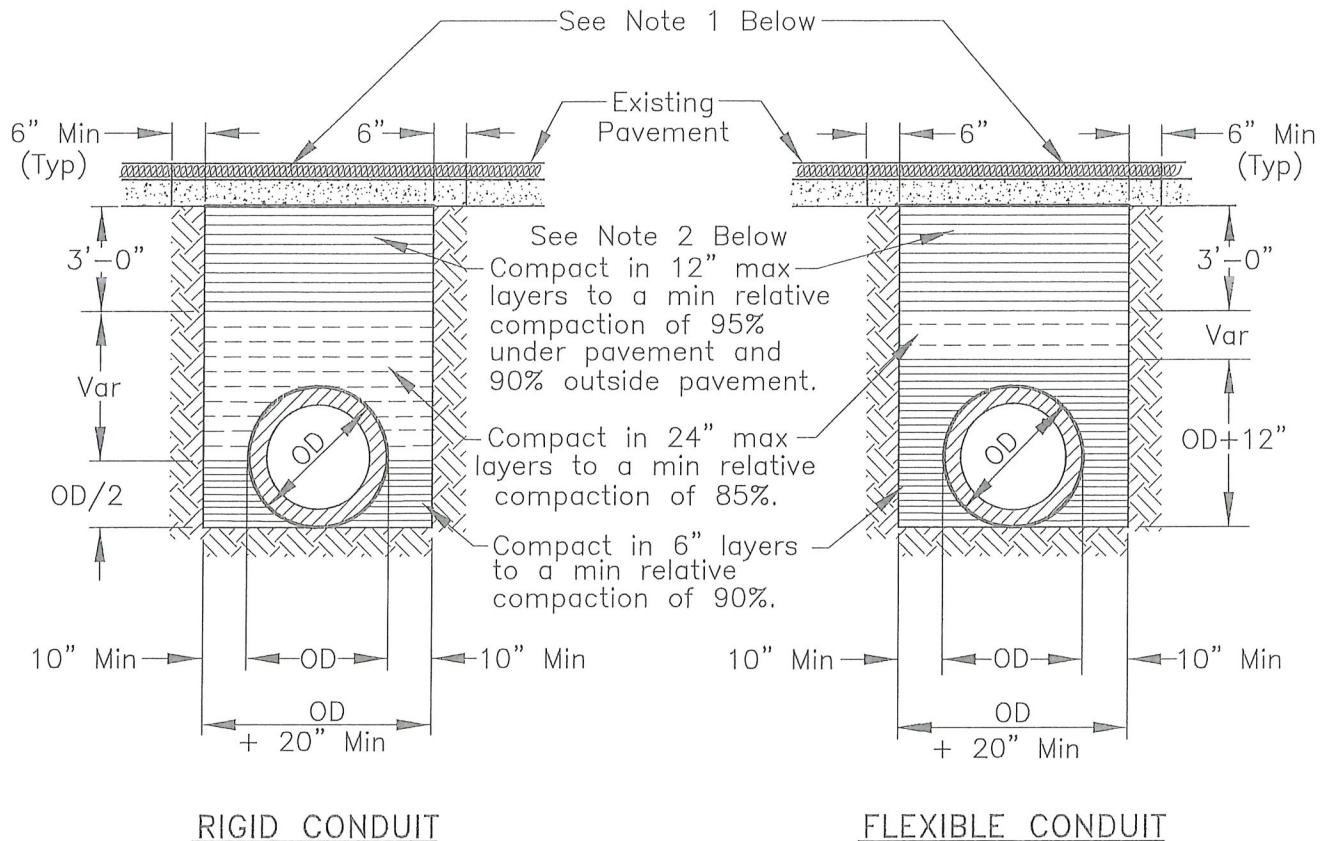
FOR SIGN SPACING SEE TC-86

LEGEND		GENERAL NOTES	
C CONE BARRIAGE FLAGGER SIGN	A ACTION PANEL CHANGEBLE MESSAGE SIGN WORK AREA TRAFFIC DIRECTION	-Sign TC-95 for sign description. All working signs shall have a black legend and border on an orange background unless otherwise noted on this contract. -Sign TC-95 for sign location, spacing of cones, taper and buffer lengths. Signs spacing may be increased and cone spacing may be decreased. -Signs may not be substituted. -Signs and Devices must be visible at 1000'. -Sign Sheet TC-45 for pedestrian crossings. -Share The Road signs required when overhead lane plan posted shoulder is less than 14'. -Signs shall be tapered in 10 MPH increments using R2-9 and W13-1 signs as shown when Share The Road signs is being implemented. Speed reductions for all other situations must be submitted for approval. -The plan 0025 R07 apply to significant or multi-day day information.	
FIELD CHANGES BY: NAME _____ PHONE _____ _____			

POSTED STUD STUD LAST	TYPE UNION	SPACING OF ONES	CODE SPACE	TYPE LENGTH

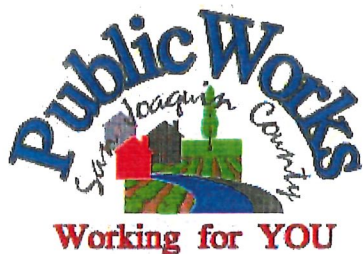
• **EXTRAORDINARY NEWS ON P. 16**

EX-100 EX-101 EX-102 EX-103 EX-104 EX-105 EX-106 EX-107 EX-108 EX-109 EX-110 EX-111 EX-112 EX-113 EX-114 EX-115 EX-116 EX-117 EX-118 EX-119 EX-120	EX-121 EX-122 EX-123 EX-124 EX-125 EX-126 EX-127 EX-128 EX-129 EX-130 EX-131 EX-132 EX-133 EX-134 EX-135 EX-136 EX-137 EX-138 EX-139 EX-140 EX-141 EX-142 EX-143 EX-144 EX-145 EX-146 EX-147 EX-148 EX-149 EX-150	EX-151 EX-152 EX-153 EX-154 EX-155 EX-156 EX-157 EX-158 EX-159 EX-160 EX-161 EX-162 EX-163 EX-164 EX-165 EX-166 EX-167 EX-168 EX-169 EX-170 EX-171 EX-172 EX-173 EX-174 EX-175 EX-176 EX-177 EX-178 EX-179 EX-180	EX-181 EX-182 EX-183 EX-184 EX-185 EX-186 EX-187 EX-188 EX-189 EX-190 EX-191 EX-192 EX-193 EX-194 EX-195 EX-196 EX-197 EX-198 EX-199 EX-200	EX-201 EX-202 EX-203 EX-204 EX-205 EX-206 EX-207 EX-208 EX-209 EX-210 EX-211 EX-212 EX-213 EX-214 EX-215 EX-216 EX-217 EX-218 EX-219 EX-220	EX-221 EX-222 EX-223 EX-224 EX-225 EX-226 EX-227 EX-228 EX-229 EX-230 EX-231 EX-232 EX-233 EX-234 EX-235 EX-236 EX-237 EX-238 EX-239 EX-240	EX-241 EX-242 EX-243 EX-244 EX-245 EX-246 EX-247 EX-248 EX-249 EX-250	EX-251 EX-252 EX-253 EX-254 EX-255 EX-256 EX-257 EX-258 EX-259 EX-260	EX-261 EX-262 EX-263 EX-264 EX-265 EX-266 EX-267 EX-268 EX-269 EX-270	EX-271 EX-272 EX-273 EX-274 EX-275 EX-276 EX-277 EX-278 EX-279 EX-280	EX-281 EX-282 EX-283 EX-284 EX-285 EX-286 EX-287 EX-288 EX-289 EX-290	EX-291 EX-292 EX-293 EX-294 EX-295 EX-296 EX-297 EX-298 EX-299 EX-300	EX-301 EX-302 EX-303 EX-304 EX-305 EX-306 EX-307 EX-308 EX-309 EX-310	EX-311 EX-312 EX-313 EX-314 EX-315 EX-316 EX-317 EX-318 EX-319 EX-320	EX-321 EX-322 EX-323 EX-324 EX-325 EX-326 EX-327 EX-328 EX-329 EX-330	EX-331 EX-332 EX-333 EX-334 EX-335 EX-336 EX-337 EX-338 EX-339 EX-340	EX-341 EX-342 EX-343 EX-344 EX-345 EX-346 EX-347 EX-348 EX-349 EX-350	EX-351 EX-352 EX-353 EX-354 EX-355 EX-356 EX-357 EX-358 EX-359 EX-360	EX-361 EX-362 EX-363 EX-364 EX-365 EX-366 EX-367 EX-368 EX-369 EX-370	EX-371 EX-372 EX-373 EX-374 EX-375 EX-376 EX-377 EX-378 EX-379 EX-380	EX-381 EX-382 EX-383 EX-384 EX-385 EX-386 EX-387 EX-388 EX-389 EX-390	EX-391 EX-392 EX-393 EX-394 EX-395 EX-396 EX-397 EX-398 EX-399 EX-400	EX-401 EX-402 EX-403 EX-404 EX-405 EX-406 EX-407 EX-408 EX-409 EX-410	EX-411 EX-412 EX-413 EX-414 EX-415 EX-416 EX-417 EX-418 EX-419 EX-420	EX-421 EX-422 EX-423 EX-424 EX-425 EX-426 EX-427 EX-428 EX-429 EX-430	EX-431 EX-432 EX-433 EX-434 EX-435 EX-436 EX-437 EX-438 EX-439 EX-440	EX-441 EX-442 EX-443 EX-444 EX-445 EX-446 EX-447 EX-448 EX-449 EX-450	EX-451 EX-452 EX-453 EX-454 EX-455 EX-456 EX-457 EX-458 EX-459 EX-460	EX-461 EX-462 EX-463 EX-464 EX-465 EX-466 EX-467 EX-468 EX-469 EX-470	EX-471 EX-472 EX-473 EX-474 EX-475 EX-476 EX-477 EX-478 EX-479 EX-480	EX-481 EX-482 EX-483 EX-484 EX-485 EX-486 EX-487 EX-488 EX-489 EX-490	EX-491 EX-492 EX-493 EX-494 EX-495 EX-496 EX-497 EX-498 EX-499 EX-500	EX-501 EX-502 EX-503 EX-504 EX-505 EX-506 EX-507 EX-508 EX-509 EX-510	EX-511 EX-512 EX-513 EX-514 EX-515 EX-516 EX-517 EX-518 EX-519 EX-5
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NOTES:

1. New pavement shall be 1" thicker than existing pavement, minimum of 0.25 Ft. New base shall be 1" thicker than existing base, min of 0.50 Ft.
2. Select native material or imported granular material as approved by the Director of Public Works. Backfill with materials equal to or better than the existing pavement and base in quality.
3. Relative compaction of materials shall be tested in accordance with the State of California, Dept. of Transportation Testing Manuals, test method No. California 216 or 231.
4. All existing pavement shall be neatly cut to line prior to trench excavation.
5. Jetting or ponding will be permitted within the street right-of-way with a 3 year bond, when approved by the Director of Public Works.
6. When shown by soil composition and compactability, ninety percent (90%) compaction may be used, when approved by the Director of Public Works.
7. Special bedding and backfill requirements may be shown on the plans or specified in the special provisions.



TYPICAL TRENCH BACKFILL

COUNTY OF SAN JOAQUIN
DEPARTMENT OF PUBLIC WORKS

Approved by:

Thomas M. Galt

No.	Revision	Description	Date

Date: DEC 2014

Std. Dwg. No.

R-29

GENERAL PROVISIONS

GOVERNING INSTALLATION OF SUBSURFACE STRUCTURES AND PIPELINES WITHIN COUNTY ROAD RIGHTS-OF-WAY

PUBLIC CONVENIENCE AND SAFETY:

- A. Before obstructing any private driveway entrance or County road traveled way with a trench, spoil bank, equipment or other barrier permitted for any prolonged period of time, the Permittee shall notify the known users of the respective thoroughfare(s) involved, and shall provide access for vehicular and pedestrian traffic to and from the road.
 - 1. Unless otherwise permitted, all work shall be conducted in such a manner that no less than one lane of the existing County road traveled way will be maintained open to public traffic during working hours in a smooth and safe riding condition(s). Two lanes shall be open after working hours.
 - 2. In cases where road closure is permitted, the permission to close the road will be granted under the condition that the Permittee notify the following persons and/or agencies of the time, the period of closure, and the detour route at least twenty-four (24) hours prior to said road closure.
 - a. The County of San Joaquin Public Works Department
 - b. The County of San Joaquin Sheriff's Office
 - c. The local postal service
 - d. The local fire district
 - e. The local school district
 - f. The local residents involved
- B. Should hazardous conditions relative to the installation operations warrant flagmen, as many capable flagmen as may be necessary shall be provided by the Permittee and stationed in advance of work to warn and direct traffic.
- C. Lights, signs and barricades shall be furnished, erected and maintained by the Permittee for the adequate warning and convenience of the public, with particular attention to be taken in this regard after dark.
- D. Any excess dirt and/or debris which might be a hazard to either automobile or pedestrian traffic, uncontrollable by lights, signs and barricades, shall be removed from the jobsite daily.

STRUCTURES:

- A. Walls of structures shall be such quality and strength that they will resist all pressures and will not crack or be deformed in such a way as to create a hazard or maintenance problem at any time. Therefore, the minimum structural requirements for concrete pipe placed under county road rights-of-way shall conform to the following American Association of State Highway and Transportation Officials (AASHTO) designations.
 - 1. For concrete pipe up to and including thirty-three inches (33") inside diameter, extra strength concrete conforming to AASHTO Designation M 170M.
 - 2. For concrete pipe thirty-six inches (36") inside diameter and larger, reinforced concrete pipe conforming to AASHTO Designation M 170M Class III.
 - 3. Plastic pipe conforming to AASHTO Designation M294.
- B. All concrete pipe joints with County road rights-of-way shall be sealed against leakage and/or infiltration with rubber gasket in conformance with Section 65-1:06 of the California Standard Specifications, or with other methods as may be permitted under the Special Provisions.
- C. Cast-in-place concrete pipe, vitrified clay pipe, spiral welded steel pipe, or corrugated aluminum alloy pipe shall not be installed within the County road rights-of-way unless specifically so stated in the Special Provisions, and only under the conditions as provided.
- D. All structures to be buried within the County rights-of-way shall be set at such elevations as to allow minimum coverage of thirty inches (30") to the centerline of the roadways and twelve inches (12") at the bottoms of borrow ditches each side of the roadways. The depths of structures shall be established below a flat plane extending across the rights-of-way, no part of which shall extend above the elevations stated above; manholes, lampholes, valves, etc. not included. Future surface elevations shall be anticipated as nearly as possible and structure elevations shall be established for future adjustments accordingly.
- E. The County hereby reserves the right to specify in the Special Provisions the gage and surface treatment of any galvanized corrugated metal pipe that is to be installed.
- F. All longitudinal utility facilities are to be established (and dimensioned on sketches) from surveyed centerline of road right-of-way, not from right-of-way (border) lines.

REPAIRS OF THE COUNTY RIGHT-OF-WAY:

- A. All excavations shall be backfilled and compacted immediately after work therein has been completed.
- B. Trenched shall not be left open farther than 300 feet in advance of pipe laying operations, or 200 feet to the rear thereof, unless otherwise permitted by the Engineer.
- C. Unless otherwise permitted under the Special Provisions, backfill shall be placed and mechanically compacted in such a manner that the relative compaction throughout the entire fill within the County road right-of-way shall conform to the percentages of compaction as shown on the Trench detail.
- D. Backfill material shall be placed in horizontal uniform layers not to exceed in thickness, before compaction, 0.67 foot in the bedding region, one foot where 90% compaction is required, and two-feet where 80% compaction is required.
- E. No portion of the excavation(s) shall be compacted by ponding or jetting unless a maintenance bond is provided.
- F. Gravel backfill material shall be utilized only where specifically so stated on the face of the permit. It shall be compacted by means of a high-frequency internal vibrator, the compactor to be a size and type approved by the Engineer. Points of compaction shall not be greater than 18" centers and to the full depth of the lift.
- G. All pavements, curbs, gutters, sidewalks, borrow ditches, pipes, head walls, road signs, trees, shrubbery, and/or other permanent road facilities impaired by or as a result of construction operations at the construction site(s) occupied by materials and/or equipment, shall be restored immediately upon backfilling of the excavation to the original grades and cross sections, and to a condition as good as, or better than existing prior to construction.
- H. All surfacing materials of roadways and driveway approaches cut or damaged by or as a result of construction operations, shall be replaced within ONE WEEK following the backfilling of excavation, weather permitting, with compacted layers of surfacing materials at least as thick as the existing, and no less than two inches (2") of asphalt concrete over six inches (6") of aggregate base, both as specified below.
 - 1. Asphalt Concrete: Combined mineral aggregate shall conform to the quality and gradation requirements for Type "A" one-half inch (1/2) maximum aggregate, coarse or medium gradation as specified in Section 39 of the California Standard Specifications. The bituminous binder to be mixed with mineral aggregate shall be paving asphalt having (Grade PG 64-10), unless otherwise directed by the Engineer. Placement of asphalt concrete surfacing shall conform to the applicable provisions of Section 39 of the California Standard Specifications.
 - 2. Aggregate Base: Combined mineral aggregates shall conform to the quality and the grading for three-quarter inch (3/4") maximum size aggregate Class 2 Aggregate Base specified in Section 26 of the California Standard Specifications.
- I. Before acceptance of repairs to the County road rights-of-way, all unsightly and detrimental dirt, dust and/or debris shall be removed and the construction areas left in a neat and presentable condition(s).
 - 1. If necessary, County road traveled way and driveway pavements shall be washed with water to remove dirt and dust.
 - 2. Driveway approaches and field entrance pavements damaged by equipment or spoil banks shall be repaired as directed by the Engineer.
- J. Upon request by the County, any settlement, sagging of surface, or cracking of pavement shall be repaired immediately by and at the sole expense of the Permittee for a period of one year following acceptance of the work.

SPECIAL PROVISIONS

Winter Weather Utility Work

1. **SUPERVISION:** The utility company (**permittee**) shall furnish full-time supervision of all work to insure compliance with the permit provision.
2. **START OF WORK:** No work within the County right-of-way shall be started until the utility company representative has made an evaluation of weather conditions and has determined the work can be accomplished under the provisions of the permit.
3. **CLEAN PAVEMENT:** Dirt and mud shall not be deposited on the pavement outside the area of work, and if inadvertently tracked onto the road travel way shall be removed immediately.
4. **DAILY RESTORATION:** Private driveways and road intersections shall be restored daily.
5. **WEATHER-TIGHT CONDITIONS:** All trenches shall be filled and compacted, ditches and other drainage facilities regarded and opened, and the entire work area restored to weather-tight condition prior to any rain.