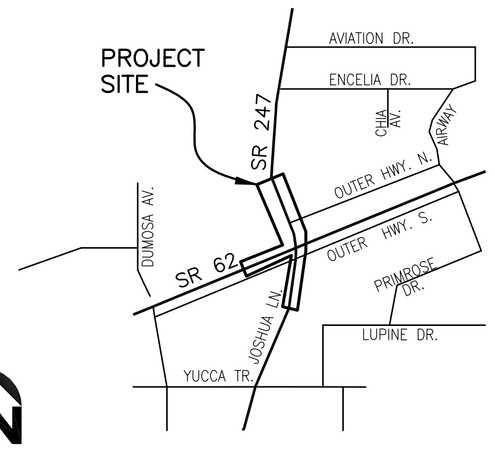
IN THE TOWN OF YUCCA VALLEY

SR 62/247 MEDIAN ISLAND IMPROVEMENTS



VICINITY MAP

N.T.S.

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GENERAL STREET NOTES (FOR TOWN SPONSORED PROJECTS)

1 ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE SPECIFICATIONS CONTAINED WITHIN THE CONTRACT DOCUMENTS, THIS PLAN, THE STANDARD SPECIFICATIONS AND DRAWINGS FOR THE COUNTY OF SAN BERNARDINO AS ADOPTED BY THE TOWN OF YUCCA VALLEY AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (LATEST EDITION) AND CALTRANS STANDARD PLANS & SPECIFICATIONS WHEN SPECIFIED.

2 THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT AT 1–800–227–2600 AT LEAST 48 HOURS PRIOR TO ANY CONSTRUCTION.

3 THE CONTRACTOR AGREES TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY UNTIL PROJECT COMPLETION AND ACCEPTANCE AND SHALL NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE TOWN OF YUCCA VALLEY AND THE DESIGN ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPT FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE TOWN OF YUCCA VALLEY OR DESIGN ENGINEER.

4 CONSTRUCTION OPERATIONS AND MAINTENANCE OF EQUIPMENT WITHIN ONE HALF MILE OF HUMAN OCCUPANCY SHALL NOT BE CONDUCTED BETWEEN THE HOURS OF 8:00 p.m. AND 7:00 a.m., OR ANYTIME ON A SATURDAY, SUNDAY OR FEDERAL HOLIDAY, UNLESS OTHERWISE APPROVED BY THE TOWN ENGINEER.

5 THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK AND SHALL MAINTAIN ALL FACILITIES, COMPLETED AND UNCOMPLETED, UNTIL ACCEPTED BY THE TOWN.

6 IMMEDIATELY FOLLOWING REMOVAL OF EXISTING PAVEMENT OR DIKE OR CURB AND/OR GUTTER, THE CONTRACTOR SHALL DILIGENTLY PURSUE THIS PORTION OF WORK UNTIL COMPLETION SO AS TO MINIMIZE DISRUPTION TO THE PUBLIC AND MINIMIZE EXPOSURE TO FLOOD–RELATED DAMAGE. THE CONTRACTOR SHALL TAKE ALL NECESSARY AND PROPER PRECAUTIONS TO PROTECT ADJACENT PROPERTY OWNERS FROM ANY AND ALL FOOD DAMAGE. THE CONTRACTOR SHALL MAINTAIN EXISTING DRAINAGE COURSES THROUGHOUT THE DURATION OF CONSTRUCTION SUCH THAT FLOODWATERS WILL NOT BE DAMMED OR DIVERTED WHICH COULD CONTRIBUTE TO FLOODING, EROSION OR DEPOSITION OF SAND OR OTHER DEBRIS.

7 THE LOCATIONS OF KNOWN EXISTING UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ALL UNDERGROUND UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT.

8 THE CONTRACTOR SHALL PROVIDE FOR THE TIE OUT ALL WATER VALVES AND SURVEY MONUMENTS, IF ANY, PRIOR TO CONSTRUCTION AND PRESENT A COPY OF SUCH TIES TO THE TOWN ENGINEER. REMOVAL AND REPLACEMENT OF MONUMENTS OR BENCH MARKS SHALL BE DONE BY A REGISTERED CIVIL ENGINEER WITH AN R.C.E. NUMBER BELOW 33965, OR A LICENSED LAND SURVEYOR ONLY. IF REQUIRED, APPROPRIATE CORNER RECORDS SHALL BE PREPARED AND FILED FOR RECORDATION.

GRADING NOTES

1 ALL TRAVELED WAYS MUST BE KEPT CLEAN OF ALL DIRT, MUD AND DEBRIS DEPOSITED ON THEM AS A RESULT OF THE CONTRACTORS OPERATION. CLEANING IS TO BE DONE TO THE SATISFACTION OF THE TOWN ENGINEER.

2 THE SITE SHALL BE WETTED DOWN AS NECESSARY DURING CONSTRUCTION TO MINIMIZE DUST GENERATION.

3 THE EXISTING NATIVE MATERIAL WITHIN THE CONSTRUCTION AREA SHALL BE EXCAVATED AND/OR FILLED TO SUBBASE DESIGN ELEVATION IN ACCORDANCE WITH SECTION 300 – "EARTHWORK" OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (LATEST EDITION). SCARIFY AND COMPACT THE NATIVE MATERIAL 1 FOOT BELOW THE SUBBASE DESIGN GRADE TO 90 PERCENT OF MAXIMUM DENSITY AT 2 PERCENT OVER OPTIMUM WATER CONTENT PER ASTM D–1557. COMPACTION TESTING FOR SUBGRADE SHALL BE AS DESCRIBED IN THE PROJECT SOILS REPORT. 95% COMPACTION IS REQUIRED IN THE TOP 6" OF OF SUBBASE MATERIAL. SUBGRADE ELEVATIONS FOR STREET SHALL NOT PROJECT ABOVE DESIGN ELEVATIONS.

SIGNING & STRIPING NOTES

1 CONFLICTING STRIPING AND MARKING SHALL BE REMOVED BY SANDBLASTING OR GRINDING.

2 ALL STRIPING AND MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE SPECIFICALLY SHOWN TO BE PAINTED

3 STRIPING SHALL NOT BE PAINTED OR INSTALLED SOONER THAN 24 HOURS AFTER PAVING.

4 NO STRIPING OR MARKINGS SHALL BE PAINTED OR INSTALLED UNTIL LAYOUT AND SPOTTING HAVE BEEN SPECIFICALLY APPROVED BY THE TOWN ENGINEER.

5 ALL PAINTING SHALL BE APPLIED IN TWO COATS WITH GLASS BEADS IN BOTH COATS. FIRST COAT TO BE THOROUGHLY DRY BEFORE PAINTING SECOND COAT.

6 SIGN POSTS SHALL BE 2" SQUARE STEEL BREAKAWAY POSTS SET IN 1 .C.F. CAST IN PLACE CONCRETE (MIN.).

7 CONTRACTOR SHALL CONTACT THE TOWN ENGINEER FOR BLOCK NUMBERS PRIOR TO ORDERING STREET NAME SIGNS.

PAVING NOTES

1 ALL EXISTING IMPROVEMENTS INCLUDING CURB AND GUTTERS, SIDEWALKS, ASPHALT CONCRETE OR P.C.C. PAVING, WHICH ARE BEING JOINED OR MATCHED IN CONNECTION WITH THIS PROJECT, SHALL BE JOINED OR MATCHED IN IN A MANNER SATISFACTORY TO THE TOWN ENGINEER, INCLUDING NECESSARY SAW CUTTING, REMOVAL, REPLACEMENT AND CAPPING.

2 THE FINISHED SURFACE OF THE SUBGRADE OR BASE COURSE SHALL BE WITHIN 0.05 FEET OF DESIGN ELEVATIONS. THE ASPHALTIC CONCRETE THICKNESS SHALL NOT BE LESS THAN 0.25 INCH LESS THAN THE DESIGN THICKNESS. A MINIMUM OF 3 CORES FOR EACH 1/2 MILE OF STREET (3 INCH MINIMUM DIAMETER) SHALL BE OBTAINED BY THE CONTRACTOR OR AS PROVIDED IN CONTRACT FOR MEASUREMENT OF THICKNESS AND DENSITY. LOCATION OF CORES SHALL BE PER TOWN ENGINEER.

3 A "TACK COAT" SHALL BE APPLIED BETWEEN PAVEMENT LAYERS, CONCRETE SURFACES AND ON EXISTING PAVEMENT TO BE RESURFACED AT THE RATE OF 0.10 gal./S.Y. THE TACK COAT SHALL BE TYPE SS1h ASPHALTIC EMULSION WITH A 60–70 GRADE LIQUID ASPHALT.

4 A SOIL STERILANT REGISTERED BY THE E.P.A. FOR USE UNDER A.C. AND P.C.C. SHALL BE UNIFORMLY APPLIED AT THE MANUFACTURER'S RECOMMENDED RATE TO THE SUBGRADE FOR ALL AREAS TO RECEIVE ASPHALT OR CONCRETE.

5 ASPHALT CONCRETE PAVING SHALL BE ALLOWED IN ONE LIFT UP TO 3 INCH THICKNESS UNLESS OTHERWISE SPECIFIED.

6 THE ASPHALT DESIGN MUST MEET THE CALTRANS STANDARD SPECIFICATIONS MAY 2006 SECTION 39, FOR TYPE B ASPHALT, 3/4" MAXIMUM MEDIUM AND 1/2 MAXIMUM MEDIUM. THE OIL SHALL BE PG 70–10.

7 THE AGGREGATE BASE SHALL BE CLASS II, FOR 3/4 INCH MAXIMUM ACCORDING TO THE STATE OF CALIFORNIA STANDARD SPECIFICATIONS, SECTION 26, DATED MAY 2006.

TRAFFIC NOTES

1 THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGMEN OR OTHER DEVICES NECESSARY TO PROVIDE FOR PUBLIC SAFETY IN ACCORDANCE WITH THE "WATCH" HANDBOOK & CALTRANS MANUAL OF UNIFORM TRAFFIC CONTROLS AND AS OTHERWISE DIRECTED BY THE TOWN ENGINEER.

2 A "TRAFFIC CONTROL PLAN" SHALL BE SUBMITTED TO AND APPROVED BY THE TOWN OF YUCCA VALLEY AND CALTRANS PRIOR TO ANY CONSTRUCTION.

3 THE CONTRACTOR SHALL PROVIDE FOR INGRESS AND EGRESS TO PRIVATE PROPERTY ADJACENT TO THE WORK THROUGHOUT THE PERIOD OF CONSTRUCTION, UNLESS OTHERWISE APPROVED BY THE TOWN ENGINEER.

4 ANY STREET CLOSURES REQUIRED DURING THE COURSE OF CONSTRUCTION WILL BE DONE SOLELY BY THE CONTRACTOR, AND ONLY UPON PRIOR APPROVAL OF THE TOWN OF YUCCA VALLEY AND CALTRANS. A MINIMUM NOTICE OF 48 HOURS SHALL BE PROVIDED TO THE PUBLIC AND AFFECTED AGENCIES (SCHOOL, POLICE, FIRE, ETC.)

INSPECTION/MATERIALS NOTES

1 A "NO FEE" ENCROACHMENT PERMIT SHALL BE OBTAINED FROM THE TOWN OF YUCCA VALLEY PRIOR TO ANY CONSTRUCTION ON THIS PROJECT.

2 THE CONTRACTOR SHALL NOTIFY THE TOWN A MINIMUM OF 48 HOURS PRIOR TO STARTING WORK. THE CONTRACTOR SHALL ARRANGE FOR ALL INSPECTIONS WITH THE TOWN OF YUCCA VALLEY A MINIMUM OF 48 HOURS ADVANCE NOTICE SHALL BE PROVIDED.

3 THE CONTRACTOR, AT NO EXPENSE TO THE TOWN, SHALL PROVIDE ALL NECESSARY SAMPLES AND TESTS THAT THE TOWN ENGINEER MAY REQUIRE TO ASSURE THAT QUALITY OF MATERIAL AND WORKMANSHIP ARE IN ACCORDANCE WITH THE SPECIFICATIONS..

4 MATERIALS CERTIFICATIONS AND MIX DESIGNS REQUIRED FOR CONCRETE OR ASPHALTIC CONCRETE WORK SHALL BE SUBMITTED TO THE TOWN OF YUCCA VALLEY FOR APPROVAL PRIOR TO USE ON THE PROJECT.

5 ALL CONCRETE MIXES SHALL UTILIZE A MINIMUM OF 5 1/2 SACKS OF TYPE II PORTLAND CEMENT PER CUBIC YARD OF CONCRETE. CONCRETE SHALL BE CLASS 520–C–2500.

6 ALL 0.40% OR LESS CURB GRADE LINES SHALL BE STAKED AT 25' INTERVALS; FORMS SHALL BE INSPECTED BEFORE POURING CONCRETE.

7 THE FLOWLINE OF ALL CURB & GUTTER AND RIBBON GUTTER SHALL BE WATER TESTED FOR PONDING IN THE PRESENCE OF THE INSPECTOR BEFORE ACCEPTANCE OF THE PROJECT.

8 COMPACTION TESTS SHALL BE PROVIDED BY THE CONTRACTOR (OR AS PROVIDED IN THE CONTRACT) TO VERIFY COMPACTION OF: NATIVE SUBGRADE, AGGREGATE BASE COURSE, A.C. PAVEMENT, UTILITY TRENCHES AND CURB AND GUTTER SUBGRADE.

9 EXCESS EARTH MATERIAL & REMOVED MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN A LAWFUL MANNER. CONTRACTOR SHALL PROVIDE DUMP RECEIPTS OR OTHER SUITABLE DOCUMENTS AS REQUESTED BY THE TOWN ENGINEER. A GRADING PERMIT AND LONG–TERM DUST CONTROL MEASURES MAY BE REQUIRED FOR EXPORTED EARTH MATERIAL PLACED ON PRIVATE PROPERTY.

REGISTERED PROFESSIONAL ENGINEER
NOEL OWSLEY
No.39827
EXPIRES 12-31-11
CIVIL
STATE OF CALIFORNIA

PERMIT NO.: 08–09–N–MC–0458

IMPORTANT NOTICE
CALL BEFORE YOU DIG
SECTION 4216 OF THE GOVERNMENT CODE REQUIRES AN INQUIRY IDENTIFICATION NUMBER BE ISSUED BEFORE A PERMIT TO EXCAVATE WILL BE VALID. FOR YOUR PRE-EXCAVATION I.D. NUMBER CALL: UNDERGROUND SERVICE ALERT TOLL FREE 1–800–227–2600 TWO WORKING DAYS BEFORE YOU DIG

UNAUTHORIZED CHANGES & USES: THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.

ENGINEER'S NOTE TO CONTRACTOR: CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OF ALLEGED. IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL. THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITIES OR STRUCTURES SHOWN IN THESE PLANS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO EXISTING UTILITIES EXCEPT THOSE SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE ALL PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES SHOWN, AND IS RESPONSIBLE FOR THE PROTECTION OF, AND ANY DAMAGE TO THESE LINES OR STRUCTURES.

#	REVISIONS	DATE	APP.

BENCH MARK: NGS #1265 ELEV. 3257.47
3" BRASS DISK STAMPED "NGS X 1265 1976" IN PVC RISER AT THE NORTHEASTERLY CORNER OF INT. OF SR62 AND SR247. 141' EAST OF C.L. SR247 AND 149' NO. OF C.L. 62. 3' SOUTHWEST OF P.P. #70457

BASIS OF BEARING
BASIS OF BEARINGS IS THE CENTERLINE OF STATE ROUTE 62, BEING N68°41'24"E

NRO Engineering
41–945 Boardwalk, S. H
Palm Desert, California 92211
(619) 346–3250 (760) 346–1754 (FAX)

OWNER'S NAME, ADDRESS, AND PHONE NUMBER
TOWN OF YUCCA VALLEY

PREPARED UNDER THE DIRECT SUPERVISION OF:
NOEL OWSLEY DATE
R.C.E. 39827 EXP. 12/31/11

RECOMMENDED FOR APPROVAL BY:
DATE

APPROVED BY TOWN OF YUCCA VALLEY
DATE

TOWN OF YUCCA VALLEY

S.R. 62 AND S.R. 247
MEDIAN ISLAND
IMPROVEMENTS

SHEET 1
OF 14
PRIVATE REFERENCE #
CITY REFERENCE #