

GENERAL NOTES

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE STANDARD PLANS OF THE CITY OF LA QUINTA AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION, AND RIVERSIDE COUNTY STANDARDS AND SPECIFICATIONS ORDINANCE NO. 461, LATEST EDITION

2. THE CONTRACTOR SHALL OBTAIN ALL PERMITS AS REQUIRED BY THE CITY OF LA QUINTA OR OTHER GOVERNING AGENCIES.

3. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL, REPLACEMENT OR RELOCATION OF ALL REGULATORY, WARNING AND GUIDE SIGNS.

5. STREET NAME SIGNS AND TRAFFIC CONTROL SIGNS, TYPE AND LOCATION SHALL BE APPROVED BY THE CITY ENGINEER. TRAFFIC STRIPING, LEGENDS AND TRAFFIC MARKERS, TYPE AND LOCATIONS SHALL BE APPROVED BY THE CITY ENGINEER.

6. THE CONTRACTOR SHALL NOT DISTURB EXISTING SURVEY MONUMENTS OR BENCH MARKS NOTED ON THE PLAN, OR FOUND DURING CONSTRUCTION. REMOVAL AND REPLACEMENT SHALL BE DONE BY A REGISTERED CIVIL ENGINEER WITH AN R.C.E. NUMBER BELOW 33966 OR LICENSED LAND SURVEYOR ONLY.

7. GRADING SHALL BE IN ACCORDANCE WITH THE ENGINEERED GRADING REQUIREMENTS OF THE UNIFORM BUILDING CODE LATEST EDITION, AND SOILS REPORT NO. 07117-10-00-09-772 DATED: 9-22-2000 PREPARED BY: EARTH SYSTEMS. SOILS ENGINEER OF RECORD PER SLADDEN ENGINEERING LETTER DATED 2/25/03 IS SLADDEN ENGINEERING, TELEPHONE: 760-772-3893.

8. THE CONTRACTOR SHALL NOTIFY THE CITY PUBLIC WORKS DEPARTMENT 48 HOURS PRIOR TO ANY GRADING, BRUSHING OR CLEARING AND EACH PHASE OF CONSTRUCTION AT (760) 777-7075, AND 48 HOURS PRIOR TO REQUIRING INSPECTIONS.

9. DURING ROUGH GRADING OPERATIONS AND PRIOR TO RECONSTRUCTION OF PERMANENT DRAINAGE STRUCTURES, TEMPORARY DRAINAGE CONTROL SHALL BE PROVIDED BY THE CONTRACTOR TO PREVENT PONDING WATER OR DAMAGE TO ADJACENT PROPERTY.

10. CONSTRUCTIONS OPERATIONS AND MAINTENANCE OF EQUIPMENT WITHIN ONE HALF MILE OF HUMAN OCCUPANCY SHALL BE PERFORMED ONLY DURING THE TIME PERIODS AS FOLLOWS: OCTOBER 1ST TO APRIL 30TH: MONDAY-FRIDAY 7:00 AM TO 5:30 PM SATURDAY 8:00 AM TO 5:00 PM. MAY 1ST TO SEPTEMBER 30TH: MONDAY-FRIDAY 6:00 AM TO 7:00 PM SATURDAY 8:00 AM TO 5:00 PM WORK SHALL BE PROHIBITED ANY TIME ON SUNDAY OR FEDERAL HOLIDAY.

11. AFTER CLEARING, EXISTING GROUND SHALL BE SCARIFIED TO A MINIMUM OF 6" ON THE ENTIRE SITE OR AS RECOMMENDED BY SOILS REPORT.

12. MAXIMUM CUT AND FILL SLOPES = 2:1

13. DRAINAGE SWALES SHALL BE MINIMUM OF 0.3' DEEP AND CONSTRUCTED A MINIMUM OF 2' FROM THE TOP OF CUT OR FILL SLOPES. MINIMUM SLOPE OF SWALES SHALL BE 0.50%.

14. ALL FILLS SHALL BE COMPACTED TO A MINIMUM NINETY (90) PERCENT OF MAXIMUM DENSITY AS DETERMINED BY UNIFORM BUILDING CODE SEC. 7010 OR EQUIVALENT APPROVED BY THE APPROPRIATE CITY ENGINEER. FIELD DENSITY SHALL BE DETERMINED IN ACCORDANCE WITH THE UNIFORM BUILDING CODE SEC. 7002, OR EQUIVALENT, AS DETERMINED BY THE CITY ENGINEER.

15. ALL STREET SECTIONS ARE TENTATIVE. ADDITIONAL SOIL TESTS SHALL BE REQUIRED AFTER ROUGH GRADING TO DETERMINED EXACT SECTION REQUIREMENTS. CITY ENGINEER TO APPROVE FINAL STREET SECTION.

16. LOCATIONS OF FIELD DENSITY TEST SHALL BE DETERMINED BY THE SOIL ENGINEER OR APPROVED TESTING AGENCY AND SHALL BE SUFFICIENT IN BOTH HORIZONTAL AND VERTICAL PLACEMENT TO PROVIDE REPRESENTATIVE TESTING OF ALL FILL PLACED. TESTING IN AREAS OF A CRITICAL NATURE OF SPECIAL EMPHASIS SHALL BE IN ADDITION TO THE NORMAL REPRESENTATIVE SAMPLINGS.

17. ALL UNDERGROUND FACILITIES, WITH LATERALS, SHALL BE PLACED AND INSPECTED PRIOR TO PAVING, INCLUDING BUT NOT LIMITED TO THE FOLLOWING: SEWER, WATER, ELECTRIC, GAS, IRRIGATION, AND DRAINAGE.

18. THE FINAL UTILITY LINE BACK FILL REPORT FROM THE PROJECT SOIL ENGINEER SHALL INCLUDE AN APPROVED STATEMENT THAT THE BACK FILL IS SUITABLE FOR THE INTENDED USE.

19. THE FINAL COMPACTION REPORT AND APPROVAL FROM THE SOILS ENGINEER SHALL CONTAIN THE TYPE OF FIELD TESTING PERFORMED. EACH TEST SHALL BE IDENTIFIED WITH THE METHOD OF OBTAINING THE IN-PLACE DENSITY, WHETHER SAND CONE OR DRIVE RING AND SHALL BE SO NOTED FOR EACH TEST. SUFFICIENT MAXIMUM DENSITY DETERMINATION SHALL BE PERFORMED TO VERIFY THE ACCURACY OF THE MAXIMUM DENSITY CURVES USE BY THE FIELD TECHNICIAN.

20. ALL TRAVELED WAYS MUST BE CLEANED DAILY OF ALL DIRT, MUD AND DEBRIS DEPOSITED ON THEM AS RESULT OF THE GRADING OPERATION. CLEANING IS TO BE DONE TO THE SATISFACTION OF THE CITY ENGINEER.

21. ALL CONSTRUCTION AREAS SHALL BE PROPERLY POSTED AND LIGHTED IN CONFORMANCE WITH THE STATE MANUAL OF WARNING SIGNS, LIGHTS AND DEVICES FOR USE IN THE PERFORMANCE OF WORK UPON HIGHWAYS, IN ORDER TO ELIMINATE ANY HAZARDS.

22. THE SOILS ENGINEER AND ENGINEERING GEOLOGIST SHALL EXERCISE SUFFICIENT SUPERVISORY CONTROL DURING GRADING TO INSURE COMPLIANCE WITH PLANS, SPECIFICATIONS, AND CODE WITHIN THEIR.

23. THE DESIGN CIVIL ENGINEER SHALL EXERCISE SUFFICIENT CONTROL DURING GRADING AND CONSTRUCTION TO INSURE COMPLIANCE WITH THE PLANS, SPECIFICATIONS, AND CODE WITHIN HIS PURVIEW.

24. THE CITY ENGINEER WILL REVIEW FOR APPROVAL THE FINAL STREET SECTION AFTER SUBMITTAL OF "R" VALUE TEST FOR ROADWAY SUBBASE.

25. THE CONTRACTOR IS RESPONSIBLE TO PREVENT SILT CONTAMINATION OF STORM WATER INFILTRATION FACILITIES DURING CONSTRUCTION OF SUBSEQUENT IMPROVEMENTS BY THE CONTRACTOR. IMMEDIATELY PRIOR TO FINAL ACCEPTANCE OF STORM DRAINAGE RETENTION/INFILTRATION FACILITIES, THE CONTRACTOR CONDUCT, IN THE PRESENCE OF THE CITY INSPECTOR, A PERFORMANCE TEST DESIGNED TO CLEARLY DEMONSTRATE THE FUNCTIONAL ADEQUACY OF THE FACILITIES.

26. THE CONTRACTOR SHALL PROVIDE WIND EROSION AND DUST CONTROL MEASURES AS REQUIRED BY THE FUGITIVE DUST CONTROL PLAN APPROVED FOR THIS PROJECT.

27. THE CONTRACTOR SHALL TRANSPORT AND DELIVER ALL SALVAGE ITEMS TO THE PROPERTY OWNER AT THE LOCATION OF THE PROPERTY OWNER'S CHOOSING.

STREET IMPROVEMENT PLANS

CITY OF LA QUINTA PAVING NOTES

1. ALL UNDERGROUND FACILITIES INCLUDING LATERALS SHALL BE IN PLACE AND TRENCHES COMPACTED AND TESTED PRIOR TO PAVING.

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

3. A "TACK COAT" (PAINT BINDER) SHALL BE APPLIED BETWEEN PAVEMENT LAYERS, CONCRETE SURFACES AND ON EXISTING PAVEMENT TO BE RESURFACED AT THE RATE OF 0.10 GAL. /YD. THE TACK COAT SHALL BE SS1 ASPHALTIC EMULSION WITH 60-70 GRADE LIQUID ASPHALT.

4. THE VISCOSITY GRADE OF PAVING ASPHALT SHALL BE AR-4000 OR AR-8000, TO BE DETERMINED BY THE CITY ENGINEER AT THE TIME OF PAVING.

5. THE FINAL OR SURFACE LAYER OF ASPHALT CONCRETE SHALL NOT BE PLACED UNTIL ALL ON-SITE IMPROVEMENTS HAVE BEEN COMPLETED, INCLUDING ALL EARTHWORK GRADING.

6. MANHOLES AND VALVE BOX FRAMES SHALL BE ADJUSTED TO FINISHED GRADES AFTER COMPLETION OF CONSTRUCTION.

7. ANY EXISTING TRAVEL WAYS, IN WHICH EXCAVATION IS MADE IN CONJUNCTION WITH THIS PROJECT, SHALL BE COVERED BY A SEPARATE PERMIT. THIS AREA SHALL BE PROPERLY POSTED AND LIGHTED IN CONFORMANCE WITH THE STATE MANUAL OF WARNING SIGNS, LIGHTS AND DEVICES FOR USE IN THE PERFORMANCE OF WORK UPON HIGHWAYS, IN ORDER TO ELIMINATE ANY HAZARDS.

8. ALL EXISTING PAVEMENT WITHIN THIS PROJECT SHALL EITHER BE REMOVED OR STRUCTURALLY TESTED TO VERIFY THE STRUCTURAL CAPABILITIES AND THE RESULTS SHALL BE APPROVED BY THE CITY ENGINEER.

9. THE CURB SHALL BE "ETCHED" SHOWING LATERAL LOCATIONS: "S" FOR SEWER, "G" FOR GAS, AND "E" FOR ELECTRICAL.

10. TRAFFIC STRIPING, LEGENDS AND PAVEMENT MARKERS, TYPE AND LOCATIONS SHALL BE APPROVED BY THE CITY ENGINEER.

ENGINEER'S NOTES TO CONTRACTOR

1. BY ACCEPTING THIS CONTRACT, THE CONTRACTOR HEREBY RELEASES AND AGREES TO INDEMNIFY, DEFEND, HOLD HARMLESS THE OWNER, ENGINEER (HEREAFTER TETRA TECH, INC.), THEIR PARENT AND SUBSIDIARY COMPANIES, AGENTS, EMPLOYEES, CONSULTANTS AND REPRESENTATIVES FOR ANY AND ALL DAMAGE TO PERSONS OR PROPERTY OR WRONGFUL DEATH REGARDLESS OF WHETHER OR NOT SUCH CLAIM, DAMAGE, LOSS OR EXPENSES IS CAUSED IN WHOLE OR IN PART BY THE NEGLIGENCE, ACTIVE OR PASSIVE, OF OWNER, ENGINEER, THEIR PARENT AND SUBSIDIARY COMPANIES, AS WELL AS THEIR AGENTS AND EMPLOYEES, EXCEPTING ONLY THE SOLE NEGLIGENCE OF OWNER, ENGINEER, THEIR PARENT OR SUBSIDIARY COMPANIES AND THEIR AGENTS AND EMPLOYEES TO THE FULLEST EXTENT PERMITTED BY LAW. SUCH INDEMNIFICATION SHALL EXTEND TO ALL CLAIMS, DEMANDS, ACTIONS, OR LIABILITY FOR INJURIES, DEATH OR DAMAGES OCCURRING AFTER COMPLETION OF THE PROJECT, AS WELL AS DURING THE WORK'S PROGRESS. CONTRACTOR FURTHER AGREES THAT IT SHALL ACCOMPLISH THE ABOVE AT ITS OWN COST, EXPENSE AND RISK EXCLUSIVE OF AND REGARDLESS OF ANY APPLICABLE INSURANCE POLICY OR POSITION TAKEN BY ANY INSURANCE COMPANY REGARDING COVERAGE.

2. THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

- SOUTHERN CALIFORNIA EDISON COMPANY (800) 611-1911
- SOUTHERN CALIFORNIA GAS COMPANY (800) 427-2000
- GENERAL TELEPHONE COMPANY (800) 483-1000
- COACHELLA VALLEY WATER DISTRICT (760) 398-2651
- VERIZON TELEPHONE COMPANY (800) 483-4000
- TIME WARNER CABLEVISION (760) 340-2225
- IMPERIAL IRRIGATION DEPARTMENT (760) 398-5811

IMPORTANT NOTICE

SECTION 4216/4217 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER BE ISSUED BEFORE A "PERMIT TO EXCAVATE" WILL BE VALID. FOR YOUR DIG ALERT I.D. NUMBER CALL UNDERGROUND SERVICE ALERT ***TOLL FREE*** 1-800-227-2600 TWO WORKING DAYS BEFORE YOU DIG.

GENERAL STRIPING NOTES

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION, AND RIVERSIDE COUNTY STANDARD PLANS, LATEST EDITION, HEREAFTER REFERRED TO AS THE STANDARD SPECIFICATIONS AND STANDARD PLANS, UNLESS OTHERWISE SPECIFIED.

2. TRAFFIC STRIPES, RAISED PAVEMENT MARKERS, AND SIGNS, (EXCEPT PAVEMENT LEGENDS), SHALL COMPLY WITH THE LATEST EDITION OF THE CALTRANS STANDARD PLANS AND STANDARD SPECIFICATIONS, HEREAFTER REFERRED TO AS THE STATE STANDARD SPECIFICATIONS AND STATE STANDARD PLANS.

3. PAVEMENT LEGENDS SHALL MATCH CITY-OWNED STENCILS. CALL CITY INSPECTOR AT (760) 777-7075 TO MAKE ARRANGEMENTS FOR RENTAL OF CITY STENCILS OR INFORMATION REGARDING MODEL NOS. OF CITY STENCILS.

4. RAISED PAVEMENT MARKERS SHALL CONFORM TO THE PROVISIONS IN SECTION 85 OF THE STATE STANDARD SPECIFICATIONS, ENTITLED PAVEMENT MARKERS. ADHESIVE FOR PAVEMENT MARKERS SHALL CONFORM TO THE PROVISIONS IN SECTION 95-2.04 OF THE STATE STANDARD SPECIFICATIONS ENTITLED RAPID SET EPOXY ADHESIVE FOR PAVEMENT MARKERS.

5. TRAFFIC STRIPES AND MARKINGS SHALL BE APPLIED IN TWO COATS, WITH REFLECTORIZED MATERIAL IN BOTH COATS, AND SHALL CONFORM TO SECTION 84-3, ENTITLED PAINTED TRAFFIC STRIPES AND PAVEMENT MARKINGS, AS SPECIFIED IN THE STATE STANDARD SPECIFICATIONS.

6. ALL TRAFFIC STRIPING AND PAVEMENT LEGENDS AND RAISED PAVEMENT MARKERS THAT CONFLICT OR CONFUSE TRAFFIC AS A RESULT OF THE NEWLY INSTALLED WORK SHOWN ON THIS PLAN SHALL BE REMOVED BY WET SANDBLASTING OR GRINDING.

7. DEBRIS FROM REMOVAL OPERATION SHALL BE CONTAINED WITHIN THE WORK AREA AND THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PROTECT PERSONS AND PROPERTY ADJACENT TO THE SANDBLASTING OPERATIONS. THE DEBRIS RESULTING FROM THE SANDBLASTING SHALL BE IMMEDIATELY REMOVED AND DISPOSED OF BY THE CONTRACTOR. DEBRIS WITHIN THE ROADWAY SHALL BE REMOVED BY MECHANICAL SWEEPING OR HIGH-POWER VACUUM.

8. SCARRED PAVEMENT SURFACE RESULTING FROM REMOVAL OPERATIONS SHALL BE SEALED WITH ASPHALT PAINT CONFORMING TO SECTION 203-8 OF THE STANDARD SPECIFICATIONS. SCARRED AREAS RESULTING FROM WORD OR GRAPHIC LEGEND REMOVAL SHALL BE FULLY COVERED WITH AN ASPHALTIC PAINTED SQUARE OR RECTANGULAR SHAPE THAT COMPLETELY OBLITERATES THE OLD LEGEND FORM.

9. ALL SIGNS SHALL CONFORM TO SECTION 56-2, ENTITLED "ROADSIDE SIGNS," AS SPECIFIED IN THE STATE STANDARD SPECIFICATIONS. SIGNS SHALL BE REFLECTORIZED SHEET ALUMINUM USING HIGH INTENSITY GRADE SHEETING WITH 3M #1150 PROTECTIVE OVERLAY FILM OR APPROVED EQUAL. ALL SIGNS SHALL BE MOUNTED WITH THEFT/VANDAL-PROOF FASTENERS. CONTRACTOR SHALL INSTALL ROADWAY SIGNS AND POSTS PER THE SIGN AND POST SCHEDULE ON THESE PLANS UNLESS OTHERWISE NOTED.

10. PER GOVERNMENT CODE SECTION 4216, IF THE WORK IS IN AN AREA WHICH IS KNOWN, OR REASONABLY SHOULD BE KNOWN, TO CONTAIN SUBSURFACE INSTALLATIONS, CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (U.S.A) AT 1-800-422-4133 AND OBTAIN AN INQUIRY IDENTIFICATION NUMBER AT LEAST TWO WORKING DAYS (48 HOURS) PRIOR TO COMMENCING ANY WORK THAT PENETRATES THE EXISTING SURFACE.

11. STRIPING LAYOUT SHALL BE APPROVED BY CITY ENGINEERING DEPARTMENT PRIOR TO APPLICATION OF PERMANENT PAINT. CONTACT THE CITY ENGINEERING DEPARTMENT 48 HOURS PRIOR TO LAYOUT.

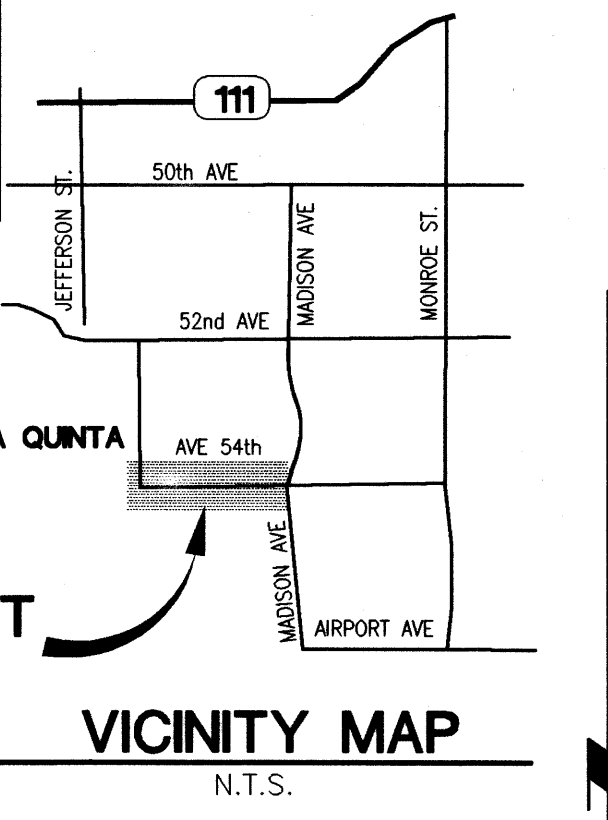
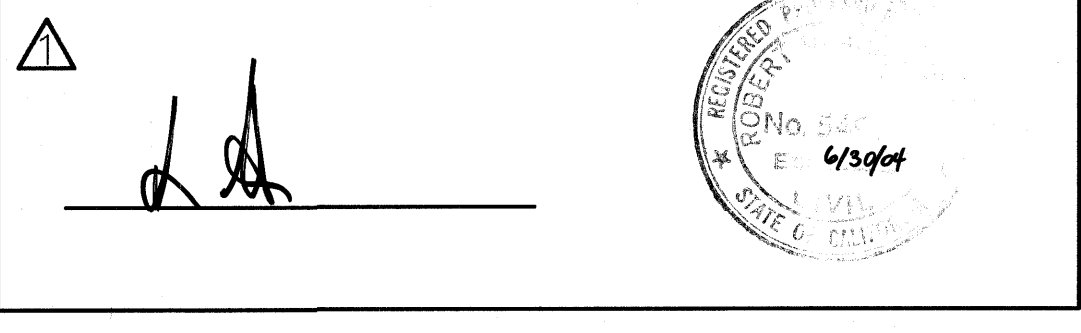
12. STEEL SIGN POSTS INSTALLED IN CONCRETE AREAS SHALL BE INSTALLED IN PVC SLEEVES TO FACILITATE REPLACEMENT; WOOD POSTS SHALL HAVE 12"x12" CONCRETE FILLED BLOCKOUTS AROUND THE POST.

INDEX OF SHEETS

| SHEET | DESCRIPTION |
|-------|---|
| 1 | TITLE SHEET |
| 2 | DETAILS, SECTION, INDEX MAP |
| 3 | STREET PLAN & PROFILE AVENUE 54: STA. 10+00 - STA. 18+00 |
| 4 | STREET PLAN & PROFILE AVENUE 54: STA. 18+00 - STA. 28+00 |
| 5 | STREET PLAN & PROFILE AVENUE 54: STA. 28+00 - STA. 38+00 |
| 6 | STREET PLAN & PROFILE AVENUE 54: STA. 38+00 - STA. 48+00 |
| 7 | STREET PLAN & PROFILE AVENUE 54: STA. 48+00 - STA. 57+00 |
| 8 | STREET PLAN & PROFILE AVENUE 54: STA. 57+00 - STA. 62+10.98 |
| 9 | TRAFFIC SIGNING & STRIPPING AVENUE 54: STA. 10+00 - STA. 28+00 |
| 10 | TRAFFIC SIGNING & STRIPPING AVENUE 54: STA. 28+00 - STA. 48+00 |
| 11 | TRAFFIC SIGNING & STRIPPING AVENUE 54: STA. 48+00 - STA. 62+10.98 |

1st SUBSTITUTE MYLAR

This mylar is identical to the mylar approved by the City Engineer on 10/16/03 except for the revisions noted hereon.



LEGEND

| | | | |
|----------|-----------------------|--------|------------------------|
| --- | PROPOSED RIGHT OF WAY | FS___ | FINISH SURFACE |
| --- | EXISTING RIGHT OF WAY | HP___ | HIGH POINT |
| --- | CENTERLINE | LP___ | LOW POINT |
| --- | PROPOSED AS NOTED | FF___ | FINISH FLOOR ELEV. |
| --- | EXISTING AS NOTED | GB___ | GRADE BREAK |
| --- | EASEMENT BOUNDARY | BVC___ | BEGIN VERT. CURVE |
| --- | SAWCUT LINE | EVC___ | END VERT. CURVE |
| XX.XX TC | ELEV. | BCR___ | BEGIN CURB RETURN |
| CB___ | CATCH BASIN | ECR___ | END CURB RETURN |
| DW___ | DRYWELL | 2%___ | RATE/FLOW |
| CL___ | CENTER LINE | INV___ | INVERT ELEV. |
| TC___ | TOP OF CURB | O/S___ | OFFSET FROM CENTERLINE |
| FL___ | FLOW LINE | EOP___ | EDGE OF PAVEMENT |

CONSTRUCTION NOTES AND QUANTITY ESTIMATE

| NO. | ITEM | QUANTITY | UNIT |
|-----|---|----------|------|
| 1 | PROTECT IN PLACE | 49 | EA |
| 2 | CONSTRUCT CURB INLET CATCH BASIN PER RIVERSIDE COUNTY FLOOD CONTROL & WATER CONSERVATION DIST. STD. DETAIL CB100 AND LOCAL DEPRESSION PER STD DETAIL LD-201, CASE "C" | 9 | EA |
| 3 | REMOVE AND SALVAGE EXISTING SIGNS | 6 | EA |
| 4 | REMOVE EXISTING AC PAVEMENT | 78,100 | SF |
| 5 | SAW CUT AND REMOVE A.C. PAVEMENT | 375 | LF |
| 6 | RELOCATE | 1 | EA |
| 7 | TO BE RELOCATED BY UTILITY COMPANY CALLED OUT PER PLAN | 9 | EA |
| 8 | ADJUST TO GRADE | 18 | EA |
| 9 | NOT USED | - | - |
| 10 | CONSTRUCT LANE LINE, CALTRANS TYPICAL STD. DETAIL 9 | 4,810 | LF |
| 11 | CONTRACTOR TO VERIFY HORIZONTAL AND VERTICAL LOCATION OF EXISTING UTILITIES | - | - |
| 12 | CONSTRUCT DRYWELL PER DETAIL ON SHEET 2 | 1 | EA |
| 13 | PAINT TYPE IV ARROW PER CALTRANS TYPICAL PAVEMENT MARKINGS STD. DETAIL A24A | 6 | EA |
| 14 | CONSTRUCT 12" WHITE LINE PER CALTRANS STD DETAIL A24A | 260 | LF |
| 15 | CONSTRUCT 6" A.C. DIKE PER RIVERSIDE CO. STD. NO. 212 | 30 | LF |
| 16 | CONSTRUCT CHANNELIZING LINE PER CALTRANS TYPICAL STD. DETAIL 38 | 475 | LF |
| 17 | TYPE "N" SIGN | 2 | EA |
| 18 | CONSTRUCT 10' WIDE EQUESTRIAN TRAIL PER RIVERSIDE CO. STD. NO. 405, BY E-GROUP, SEE LANDSCAPE PLANS | 4,910 | LF |
| 19 | CALTRANS SIGN TYPE G7 | 1 | EA |
| 20 | INSTALL 12" HDPE STORM DRAIN PIPE, BACKFILL PER CALTRANS DETAIL A26D | 73 | LF |
| 21 | CONSTRUCT 4.5" AC OVER 6" AB | 160,165 | SF |
| 22 | CONSTRUCT CURB AND GUTTER PER RIVERSIDE CO. STD. DETAIL NO. 200, TYPE A-6 | 4,192 | LF |
| 23 | CONSTRUCT TEMPORARY BARRICADE TYPE III PER CALTRANS TYPICAL STD. DETAIL A73C. | 1 | EA |
| 24 | INSTALL 12" RCP STORM DRAIN PIPE, BACKFILL PER CALTRANS DETAL A26D | 78 | LF |
| 25 | PAINT PAVEMENT MARKING "AHEAD" PER CALTRANS TYPICAL STD. DETAIL A24D | 2 | SF |
| 29 | CONSTRUCT CURB RAMP PER RIVERSIDE CO. STD. DETAIL NO. 403. CONTRACTOR SHALL CONSTRUCT PCC SIDEWALK FROM BCR TO ECR PER RIVERSIDE CO. STD. DETAIL NO. 403. | 2 | EA |
| 30 | PAINT PAVEMENT MARKING "ONLY" PER CALTRANS TYPICAL DETAIL A24E | 2 | EA |
| 31 | PAINT PAVEMENT MARKING "STOP" PER CALTRANS TYPICAL DETAIL A24D | 7 | EA |
| 33 | TYPE "W56" SIGN | 2 | EA |
| 37 | TYPE "W74" SIGN | 2 | EA |
| 38 | TYPE "R18" SIGN | 1 | EA |
| 39 | TYPE "R26H" SIGN | 12 | EA |
| 40 | PAINT PAVEMENT MARKING "LANE" PER CALTRANS TYPICAL DETAIL A24D | 8 | EA |
| 41 | PAINT PAVEMENT MARKING "BIKE" PER CALTRANS TYPICAL DETAIL A24D | 8 | EA |
| 42 | CONSTRUCT BIKE LANE, PER CALTRANS TYPICAL DETAIL 39 | 4,880 | LF |
| 43 | TYPE "Q" MARKER | 1 | EA |
| 44 | TYPE "W73A" SIGN | 1 | EA |
| 45 | CONSTRUCT 4" YELLOW LINE AT 45' TO DIRECTION OF TRAVEL | 555 | LF |
| 46 | PAINT BIKE LANE ARROW PER CALTRANS TYPICAL PAVEMENT MARKINGS STD. DETAIL A24A | 1 | EA |
| 47 | TO BE RELOCATED, CALLED OUT PER PLAN | 1 | EA |

OWNER:



BENCHMARK
NO. P.D.-3-3W
HANDWELL MONUMENT AT WASHINGTON & 42nd AVE. 1 MILE NORTH OF 44th AVE.
EL. 117.05

SOILS ENGINEER

THE SOILS ENGINEER HAS REVIEWED THE PLANS AND FINDS THEM TO BE IN CONFORMANCE WITH THE SOILS REPORT.

SOILS ENGINEER _____ DATE _____

BASIS OF BEARINGS

BASIS OF BEARINGS ARE BASED ON THE NORTH LINE OF THE NW 1/4 OF SECTION 9 TOWNSHIP 6 SOUTH RANGE 7 EAST S.B.M. PER P.M. 44/67-68 AS BEING N89°46'12"E.

APPROVED BY:

Timothy R. Jonasson
TIMOTHY R. JONASSON, P.E.
PUBLIC WORKS DIRECTOR/CITY ENGINEER
R.C.E. NO. 45843

CITY OF LA QUINTA

6-2-04
DATE
EXP. 12-31-06

**CITY OF LA QUINTA
STREET IMPROVEMENT PLAN**

DWG. NAME

PROJECT NO.

DWG. No. 1 OF 11

| NO. | DATE | DESCRIPTION | ENGINEER | APPROVAL | DATE | DESIGNED BY | CHECKED BY | SCALE | DATE PLOTTED |
|---------|------|--|----------|----------|------|-------------|------------|----------|--------------|
| 4/29/04 | | REVISED CONSTRUCTION NOTES AND QUANTITY ESTIMATE | | | | J.E.D. | R.G.E. | AS SHOWN | Apr 29, 2004 |
| | | REVISIONS | | | | E.M. | | | 4/29/04 |

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11. AFTER CLEARING, EXISTING GROUND SHALL BE SCARIFIED TO A MINIMUM OF 6" ON THE ENTIRE SITE OR AS RECOMMENDED BY SOILS REPORT.
12. MAXIMUM CUT AND FILL SLOPES = 2:1
13. DRAINAGE SWALES SHALL BE MINIMUM OF 0.3' DEEP AND CONSTRUCTED A MINIMUM OF 2' FROM THE TOP OF CUT OR FILL SLOPES. MINIMUM SLOPE OF SWALES SHALL BE 0.50%.
14. ALL FILLS SHALL BE COMPACTED TO A MINIMUM NINETY (90) PERCENT OF MAXIMUM DENSITY AS DETERMINED BY UNIFORM BUILDING CODE SEC. 7010 OR EQUIVALENT APPROVED BY THE APPROPRIATE CITY ENGINEER. FIELD DENSITY SHALL BE DETERMINED IN ACCORDANCE WITH THE UNIFORM BUILDING CODE SEC. 7002, OR EQUIVALENT, AS DETERMINED BY THE CITY ENGINEER.
15. ALL STREET SECTIONS ARE TENTATIVE, ADDITIONAL SOIL TESTS SHALL BE REQUIRED AFTER ROUGH GRADING TO DETERMINE EXACT SECTION REQUIREMENTS. CITY ENGINEER TO APPROVE FINAL STREET SECTION.
16. LOCATIONS OF FIELD DENSITY TEST SHALL BE DETERMINED BY THE SOIL ENGINEER OR APPROVED TESTING AGENCY AND SHALL BE SUFFICIENT IN BOTH HORIZONTAL AND VERTICAL PLACEMENT TO PROVIDE REPRESENTATIVE TESTING OF ALL FILL PLACES. TESTING IN AREAS OF A CRITICAL NATURE OF SPECIAL EMPHASIS SHALL BE IN ADDITION TO THE NORMAL REPRESENTATIVE SAMPLINGS.
17. ALL UNDERGROUND FACILITIES, WITH LATERALS, SHALL BE PLACED AND INSPECTED PRIOR TO PAVING, INCLUDING BUT NOT LIMITED TO THE FOLLOWING: SEWER, WATER, ELECTRIC, GAS, IRRIGATION, AND DRAINAGE.
18. THE FINAL UTILITY LINE BACK FILL REPORT FROM THE PROJECT SOIL ENGINEER SHALL INCLUDE AN APPROVED STATEMENT THAT THE BACK FILL IS SUITABLE FOR THE INTENDED USE.
19. THE FINAL COMPACTION REPORT AND APPROVAL FROM THE SOILS ENGINEER SHALL CONTAIN THE TYPE OF FIELD TESTING PERFORMED. EACH TEST SHALL BE IDENTIFIED WITH THE METHOD OF OBTAINING THE IN-PLACE DENSITY, WHETHER SAND CONE OR DRIVE RING AND SHALL BE SO NOTED FOR EACH TEST. SUFFICIENT MAXIMUM DENSITY DETERMINATION SHALL BE PERFORMED TO VERIFY THE ACCURACY OF THE MAXIMUM DENSITY CURVES USE BY THE FIELD TECHNICIAN.
20. ALL TRAVELED WAYS MUST BE CLEANED DAILY OF ALL DIRT, MUD AND DEBRIS DEPOSITED ON THEM AS RESULT OF THE GRADING OPERATION. CLEANING IS TO BE DONE TO THE SATISFACTION OF THE CITY ENGINEER.
21. ALL CONSTRUCTION AREAS SHALL BE PROPERLY POSTED AND LIGHTED IN CONFORMANCE WITH THE STATE MANUAL OF WARNING SIGNS, LIGHTS AND DEVICES FOR USE IN THE PERFORMANCE OF WORK UPON HIGHWAYS, IN ORDER TO ELIMINATE ANY HAZARDS.
22. THE SOILS ENGINEER AND ENGINEERING GEOLOGIST SHALL EXERCISE SUFFICIENT SUPERVISORY CONTROL DURING GRADING TO INSURE COMPLIANCE WITH PLANS, SPECIFICATIONS, AND CODE WITHIN THEIR.
23. THE DESIGN CIVIL ENGINEER SHALL EXERCISE SUFFICIENT CONTROL DURING GRADING AND CONSTRUCTION TO INSURE COMPLIANCE WITH THE PLANS, SPECIFICATIONS, AND CODE WITHIN HIS PURVIEW.
24. THE CITY ENGINEER WILL REVIEW FOR APPROVAL THE FINAL STREET SECTION AFTER SUBMITTAL OF "R" VALUE TEST FOR ROADWAY SUBBASE.
25. THE CONTRACTOR IS RESPONSIBLE TO PREVENT SILT CONTAMINATION OF STORM WATER INFILTRATION FACILITIES DURING CONSTRUCTION OF SUBSEQUENT IMPROVEMENTS BY THE CONTRACTOR. IMMEDIATELY PRIOR TO FINAL ACCEPTANCE OF STORM DRAINAGE RETENTION/INFILTRATION FACILITIES, THE CONTRACTOR CONDUCT, IN THE PRESENCE OF THE CITY INSPECTOR, A PERFORMANCE TEST DESIGNED TO CLEARLY DEMONSTRATE THE FUNCTIONAL ADEQUACY OF THE FACILITIES.
26. THE CONTRACTOR SHALL PROVIDE WIND EROSION AND DUST CONTROL MEASURES AS REQUIRED BY THE FUGITIVE DUST CONTROL PLAN APPROVED FOR THIS PROJECT.
27. THE CONTRACTOR SHALL TRANSPORT AND DELIVER ALL SALVAGE ITEMS TO THE PROPERTY OWNER AT THE LOCATION OF THE PROPERTY OWNER'S CHOOSING.

STREET IMPROVEMENT PLANS FOR THE HIDEAWAY AVENUE 54

AMENDED TRACT 29894-2, MAP BOOK 327, PAGES 56-88, CITY OF LA QUINTA, COUNTY OF RIVERSIDE, CALIFORNIA
APN NO.'S 772460001-60019, 772470001-70019, 772480001-80005 AND 772480021

CITY OF LA QUINTA PAVING NOTES

1. ALL UNDERGROUND FACILITIES INCLUDING LATERALS SHALL BE IN PLACE AND TRENCHES COMPACTED AND TESTED PRIOR TO PAVING.
2. ALL EXISTING IMPROVEMENTS INCLUDING CURB AND GUTTERS, SIDEWALKS, ASPHALT CONCRETE OF P.C.C. PAVING, WHICH ARE BEING JOINED OR MATCHED IN CONNECTION WITH THIS PROJECT, SHALL BE JOINED OR MATCHED IN A MANNER SATISFACTORY TO THE CITY ENGINEER, INCLUDING NECESSARY SAW CUTTING, REMOVAL, REPLACEMENT AND CAPPING.
3. A "TACK COAT" (PAINT BINDER) SHALL BE APPLIED BETWEEN PAVEMENT LAYERS, CONCRETE SURFACES AND ON EXISTING PAVEMENT TO BE RESURFACED AT THE RATE OF 0.10 GAL. /YD. THE TACK COAT SHALL BE SSI ASPHALTIC EMULSION WITH 60-70 GRADE LIQUID ASPHALT.
4. THE VISCOSITY GRADE OF PAVING ASPHALT SHALL BE AR-4000 OR AR-8000, TO BE DETERMINED BY THE CITY ENGINEER AT THE TIME OF PAVING.
5. THE FINAL OR SURFACE LAYER OF ASPHALT CONCRETE SHALL NOT BE PLACED UNTIL ALL ON-SITE IMPROVEMENTS HAVE BEEN COMPLETED, INCLUDING ALL EARTHWORK GRADING.
6. MANHOLES AND VALVE BOX FRAMES SHALL BE ADJUSTED TO FINISHED GRADES AFTER COMPLETION OF CONSTRUCTION.
7. ANY EXISTING TRAVEL WAYS, IN WHICH EXCAVATION IS MADE IN CONJUNCTION WITH THIS PROJECT, SHALL BE COVERED BY A SEPARATE PERMIT. THIS AREA SHALL BE PROPERLY POSTED AND LIGHTED IN CONFORMANCE WITH THE STATE MANUAL OF WARNING SIGNS, LIGHTS AND DEVICES FOR USE IN THE PERFORMANCE OF WORK UPON HIGHWAYS, IN ORDER TO ELIMINATE ANY HAZARDS.
8. ALL EXISTING PAVEMENT WITHIN THIS PROJECT SHALL EITHER BE REMOVED OR STRUCTURALLY TESTED TO VERIFY THE STRUCTURAL CAPABILITIES AND THE RESULTS SHALL BE APPROVED BY THE CITY ENGINEER.
9. THE CURB SHALL BE "ETCHED" SHOWING LATERAL LOCATIONS: "S" FOR SEWER, "G" FOR GAS, AND "E" FOR ELECTRICAL.
10. TRAFFIC STRIPING, LEGENDS AND PAVEMENT MARKERS, TYPE AND LOCATIONS SHALL BE APPROVED BY THE CITY ENGINEER.

ENGINEER'S NOTES TO CONTRACTOR

1. BY ACCEPTING THIS CONTRACT, THE CONTRACTOR HEREBY RELEASES AND AGREES TO INDEMNIFY, DEFEND, HOLD HARMLESS THE OWNER, ENGINEER (HEREAFTER TETRA TECH, INC.), THEIR PARENT AND SUBSIDIARY COMPANIES, AGENTS, EMPLOYEES, CONSULTANTS AND REPRESENTATIVES FOR ANY AND ALL DAMAGE TO PERSONS OR PROPERTY OR WRONGFUL DEATH REGARDLESS OF WHETHER OR NOT SUCH CLAIM, DAMAGE, LOSS OR EXPENSES IS CAUSED IN WHOLE OR IN PART BY THE NEGLIGENCE, ACTIVE OR PASSIVE, OF OWNER, ENGINEER, THEIR PARENT AND SUBSIDIARY COMPANIES, AS WELL AS THEIR AGENTS AND EMPLOYEES. EXCEPTING ONLY THE SOLE NEGLIGENCE OF OWNER, ENGINEER, THEIR PARENT OR SUBSIDIARY COMPANIES AND THEIR AGENTS AND EMPLOYEES TO THE FULLEST EXTENT PERMITTED BY LAW. SUCH INDEMNIFICATION SHALL EXTEND TO ALL CLAIMS, DEMANDS, ACTIONS, OR LIABILITY FOR INJURIES, DEATH OR DAMAGES OCCURRING AFTER COMPLETION OF THE PROJECT, AS WELL AS DURING THE WORK'S PROGRESS. CONTRACTOR FURTHER AGREES THAT IT SHALL ACCOMPLISH THE ABOVE AT ITS OWN COST, EXPENSE AND RISK EXCLUSIVE OF AND REGARDLESS OF ANY APPLICABLE INSURANCE POLICY OR POSITION TAKEN BY ANY INSURANCE COMPANY REGARDING COVERAGE.
2. THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

SOUTHERN CALIFORNIA EDISON COMPANY (800) 611-1911
SOUTHERN CALIFORNIA GAS COMPANY (800) 427-2000
GENERAL TELEPHONE COMPANY (800) 483-1000
COACHELLA VALLEY WATER DISTRICT (760) 398-2651
VERIZON TELEPHONE COMPANY (800) 483-4000
TIME WARNER CABLEVISION (760) 340-2225
IMPERIAL IRRIGATION DEPARTMENT (760) 398-5811

IMPORTANT NOTICE

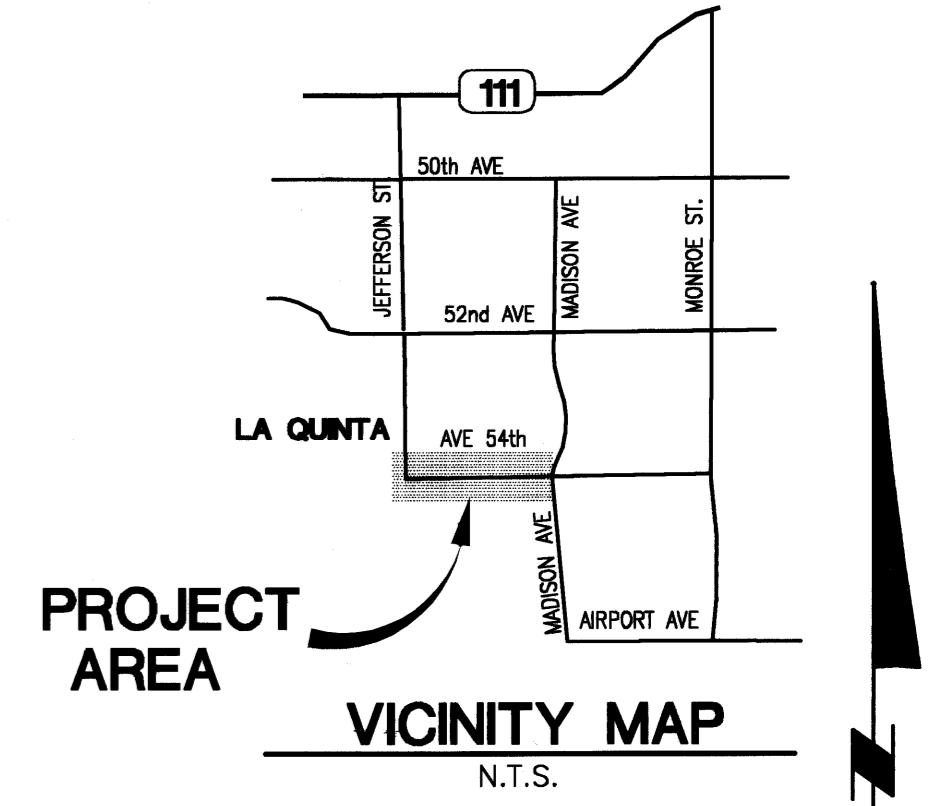
SECTION 4216/4217 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER BE ISSUED BEFORE A "PERMIT TO EXCAVATE" WILL BE VALID. FOR YOUR DIG ALERT I.D. NUMBER CALL UNDERGROUND SERVICE ALERT ***TOLL FREE*** 1-800-227-2600 TWO WORKING DAYS BEFORE YOU DIG.

GENERAL STRIPING NOTES

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION, AND RIVERSIDE COUNTY STANDARD PLANS, LATEST EDITION, HEREAFTER REFERRED TO AS THE STANDARD SPECIFICATIONS AND STANDARD PLANS, UNLESS OTHERWISE SPECIFIED.
2. TRAFFIC STRIPES, RAISED PAVEMENT MARKERS, AND SIGNS, (EXCEPT PAVEMENT LEGENDS), SHALL COMPLY WITH THE LATEST EDITION OF THE CALTRANS STANDARD PLANS AND STANDARD SPECIFICATIONS, HEREAFTER REFERRED TO AS THE STATE STANDARD SPECIFICATIONS AND STATE STANDARD PLANS.
3. PAVEMENT LEGENDS SHALL MATCH CITY-OWNED STENCILS. CALL CITY INSPECTOR AT (760) 777-7075 TO MAKE ARRANGEMENTS FOR RENTAL OF CITY STENCILS OR INFORMATION REGARDING MODEL NOS. OF CITY STENCILS.
4. RAISED PAVEMENT MARKERS SHALL CONFORM TO THE PROVISIONS IN SECTION 85 OF THE STATE STANDARD SPECIFICATIONS, ENTITLED PAVEMENT MARKERS. ADHESIVE FOR PAVEMENT MARKERS SHALL CONFORM TO THE PROVISIONS IN SECTION 95-2.04 OF THE STATE STANDARD SPECIFICATIONS ENTITLED RAPID SET EPOXY ADHESIVE FOR PAVEMENT MARKERS.
5. TRAFFIC STRIPES AND MARKINGS SHALL BE APPLIED IN TWO COATS, WITH REFLECTORIZED MATERIAL IN BOTH COATS, AND SHALL CONFORM TO SECTION 84-3, ENTITLED PAINTED TRAFFIC STRIPES AND PAVEMENT MARKINGS, AS SPECIFIED IN THE STATE STANDARD SPECIFICATIONS.
6. ALL TRAFFIC STRIPING AND PAVEMENT LEGENDS AND RAISED PAVEMENT MARKERS THAT CONFLICT OR CONFUSE TRAFFIC AS A RESULT OF THE NEWLY INSTALLED WORK SHOWN ON THIS PLAN SHALL BE REMOVED BY WET SANDBLASTING OR GRINDING.
7. DEBRIS FROM REMOVAL OPERATION SHALL BE CONTAINED WITHIN THE WORK AREA AND THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PROTECT PERSONS AND PROPERTY ADJACENT TO THE SANDBLASTING OPERATIONS. THE DEBRIS RESULTING FROM THE SANDBLASTING SHALL BE IMMEDIATELY REMOVED AND DISPOSED OF BY THE CONTRACTOR. DEBRIS WITHIN THE ROADWAY SHALL BE REMOVED BY MECHANICAL SWEEPING OR HIGH-POWER VACUUM.
8. SCARRED PAVEMENT SURFACE RESULTING FROM REMOVAL OPERATIONS SHALL BE SEALED WITH ASPHALT PAINT CONFORMING TO SECTION 203-8 OF THE STANDARD SPECIFICATIONS. SCARRED AREAS RESULTING FROM WORD OR GRAPHIC LEGEND REMOVAL SHALL BE FULLY COVERED WITH AN ASPHALTIC PAINTED SQUARE OR RECTANGULAR SHAPE THAT COMPLETELY OBLITERATES THE OLD LEGEND FORM.
9. ALL SIGNS SHALL CONFORM TO SECTION 56-2, ENTITLED "ROADSIDE SIGNS," AS SPECIFIED IN THE STATE STANDARD SPECIFICATIONS. SIGNS SHALL BE REFLECTORIZED SHEET ALUMINUM USING HIGH INTENSITY GRADE SHEETING WITH 3M #1150 PROTECTIVE OVERLAY FILM OR APPROVED EQUAL. ALL SIGNS SHALL BE MOUNTED WITH THEFT/VANDAL-PROOF FASTENERS. CONTRACTOR SHALL INSTALL ROADWAY SIGNS AND POSTS PER THE SIGN AND POST SCHEDULE ON THESE PLANS UNLESS OTHERWISE NOTED.
10. PER GOVERNMENT CODE SECTION 4216, IF THE WORK IS IN AN AREA WHICH IS KNOWN, OR REASONABLY SHOULD BE KNOWN, TO CONTAIN SUBSURFACE INSTALLATIONS, CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (U.S.A) AT 1-800-422-4133 AND OBTAIN AN INQUIRY IDENTIFICATION NUMBER AT LEAST TWO WORKING DAYS (48 HOURS) PRIOR TO COMMENCING ANY WORK THAT PENETRATES THE EXISTING SURFACE.
11. STRIPING LAYOUT SHALL BE APPROVED BY CITY ENGINEERING DEPARTMENT PRIOR TO APPLICATION OF PERMANENT PAINT. CONTACT THE CITY ENGINEERING DEPARTMENT 48 HOURS PRIOR TO LAYOUT.
12. STEEL SIGN POSTS INSTALLED IN CONCRETE AREAS SHALL BE INSTALLED IN PVC SLEEVES TO FACILITATE REPLACEMENT; WOOD POSTS SHALL HAVE 12"x12" CONCRETE FILLED BLOCKOUTS AROUND THE POST.

LEGEND

| | | | |
|----------|-----------------------|-----|------------------------|
| --- | PROPOSED RIGHT OF WAY | FS | FINISH SURFACE |
| --- | EXISTING RIGHT OF WAY | HP | HIGH POINT |
| --- | CENTERLINE | LP | LOW POINT |
| --- | PROPOSED AS NOTED | FF | FINISH FLOOR ELEV. |
| --- | EXISTING AS NOTED | GB | GRADE BREAK |
| --- | EASEMENT BOUNDARY | BVC | BEGIN VERT. CURVE |
| --- | SAWCUT LINE | ECR | END VERT. CURVE |
| XX.XX TC | ELEV. | BCR | BEGIN CURB RETURN |
| CB | CATCH BASIN | ECR | END CURB RETURN |
| DW | DRYWELL | 2% | RATE/FLOW |
| CL | CENTER LINE | INV | INVERT ELEV. |
| TC | TOP OF CURB | O/S | OFFSET FROM CENTERLINE |
| FL | FLOW LINE | EOP | EDGE OF PAVEMENT |



CONSTRUCTION NOTES AND QUANTITY ESTIMATE

| NO. | ITEM | QUANTITY | UNIT |
|-----|---|----------|------|
| 1 | PROTECT IN PLACE | 49 | EA |
| 2 | CONSTRUCT CURB INLET CATCH BASIN PER RIVERSIDE COUNTY FLOOD CONTROL & WATER CONSERVATION DIST. STD. DETAIL CB100 AND LOCAL DEPRESSION PER STD DETAIL LD-201, CASE "C" | 9 | EA |
| 3 | REMOVE AND SALVAGE EXISTING SIGNS | 6 | EA |
| 4 | REMOVE EXISTING AC PAVEMENT | 78,100 | SF |
| 5 | SAW CUT AND REMOVE A.C. PAVEMENT | 375 | LF |
| 6 | RELOCATE | 1 | EA |
| 7 | TO BE RELOCATED BY UTILITY COMPANY CALLED OUT PER PLAN | 9 | EA |
| 8 | ADJUST TO GRADE | 18 | EA |
| 9 | NOT USED | - | - |
| 10 | CONSTRUCT LANE LINE, CALTRANS TYPICAL STD. DETAIL 9 | 4,810 | LF |
| 11 | CONTRACTOR TO VERIFY HORIZONTAL AND VERTICAL LOCATION OF EXISTING UTILITIES | - | - |
| 12 | CONSTRUCT DRYWELL PER DETAIL ON SHEET 2 | 1 | EA |
| 13 | PAINT TYPE IV ARROW PER CALTRANS TYPICAL PAVEMENT MARKINGS STD. DETAIL A24A | 6 | EA |
| 14 | CONSTRUCT 12" WHITE LINE PER CALTRANS STD DETAIL A24A | 260 | LF |
| 15 | CONSTRUCT 6" A.C. DIKE PER RIVERSIDE CO. STD. NO. 212 | 30 | LF |
| 16 | CONSTRUCT CHANNELIZING LINE PER CALTRANS TYPICAL STD. DETAIL 3B | 475 | LF |
| 17 | CONSTRUCT LEFT EDGELINE PER CALTRANS TYPICAL STD. DETAIL 26 | 4,920 | EA |
| 18 | CONSTRUCT 10' WIDE EQUESTRIAN TRAIL PER RIVERSIDE CO. STD. NO. 405, BY E-GROUP, SEE LANDSCAPE PLANS | 4,910 | LF |
| 19 | CALTRANS SIGN TYPE G7 | 1 | EA |
| 20 | INSTALL 12" HDPE STORM DRAIN PIPE, BACKFILL PER CALTRANS DETAIL A26D | 73 | LF |
| 21 | CONSTRUCT 4.5" AC OVER 6" AB | 160,165 | SF |
| 22 | CONSTRUCT CURB AND GUTTER PER RIVERSIDE CO. STD. DETAIL NO. 200, TYPE A-6 | 4,192 | LF |
| 23 | CONSTRUCT TEMPORARY BARRICADE TYPE III PER CALTRANS TYPICAL STD. DETAIL A73C. | 1 | EA |
| 24 | INSTALL 12" RCP STORM DRAIN PIPE, BACKFILL PER CALTRANS DETAIL A26D | 78 | LF |
| 25 | PAINT PAVEMENT MARKING "AHEAD" PER CALTRANS TYPICAL STD. DETAIL A24D | 2 | SF |
| 29 | CONSTRUCT CURB RAMP PER RIVERSIDE CO. STD. DETAIL NO. 403. CONTRACTOR SHALL CONSTRUCT PCC SIDEWALK FROM BCR TO ECR PER RIVERSIDE CO. STD. DETAIL NO. 403. | 2 | EA |
| 30 | PAINT PAVEMENT MARKING "ONLY" PER CALTRANS TYPICAL DETAIL A24E | 2 | EA |
| 31 | PAINT PAVEMENT MARKING "STOP" PER CALTRANS TYPICAL DETAIL A24D | 7 | EA |
| 33 | TYPE "W56" SIGN | 2 | EA |
| 37 | TYPE "W74" SIGN | 2 | EA |
| 38 | TYPE "R18" SIGN | 1 | EA |
| 39 | TYPE "R26" SIGN | 12 | EA |

INDEX OF SHEETS

| SHEET | DESCRIPTION |
|-------|---|
| 1 | TITLE SHEET |
| 2 | DETAILS, SECTION, INDEX MAP |
| 3 | STREET PLAN & PROFILE AVENUE 54: STA. 10+00 - STA. 18+00 |
| 4 | STREET PLAN & PROFILE AVENUE 54: STA. 18+00 - STA. 28+00 |
| 5 | STREET PLAN & PROFILE AVENUE 54: STA. 28+00 - STA. 38+00 |
| 6 | STREET PLAN & PROFILE AVENUE 54: STA. 38+00 - STA. 48+00 |
| 7 | STREET PLAN & PROFILE AVENUE 54: STA. 48+00 - STA. 57+00 |
| 8 | STREET PLAN & PROFILE AVENUE 54: STA. 57+00 - STA. 62+10.98 |
| 9 | TRAFFIC SIGNING & STRIPPING AVENUE 54: STA. 10+00 - STA. 28+00 |
| 10 | TRAFFIC SIGNING & STRIPPING AVENUE 54: STA. 28+00 - STA. 48+00 |
| 11 | TRAFFIC SIGNING & STRIPPING AVENUE 54: STA. 48+00 - STA. 62+10.98 |

26. THE CONTRACTOR SHALL PROVIDE WIND EROSION AND DUST CONTROL MEASURES AS REQUIRED BY THE FUGITIVE DUST CONTROL PLAN APPROVED FOR THIS PROJECT.
27. THE CONTRACTOR SHALL TRANSPORT AND DELIVER ALL SALVAGE ITEMS TO THE PROPERTY OWNER AT THE LOCATION OF THE PROPERTY OWNER'S CHOOSING.

| | | | | | | | |
|--|---|--|--|---|--|--|---|
| <p>TETRA TECH INC. 42-580 CAROLINE COUNTY SUITE B, PALM DESERT, CALIFORNIA 92211-0139 ROBERT G. EISENBERG 9/19/03 R.E. 54931 EXP. 9/30/04</p> | <p>ONTARIO (909) 390-8000 IRVINE (CARTWRIGHT) (800) 814-3000 PALM DESERT (800) 823-0522 PASADENA (800) 680-0225 LAS VEGAS (702) 242-4200 IRVINE (LAGUNA) (800) 823-0518</p> | <p>STAMP REGISTERED PROFESSIONAL ENGINEER No. 54931 Exp. 9-30-04 CIVIL STATE OF CALIFORNIA</p> | <p>BASIS OF BEARINGS BASIS OF BEARINGS ARE BASED ON THE NORTH LINE OF THE NW 1/4 OF SECTION 9 TOWNSHIP 6 SOUTH RANGE 7 EAST S.B.M. PER P.M. 44/67-68 AS BEING N89°46'12"E.</p> | <p>APPROVED BY: <i>Timothy R. Jonasson</i> TIMOTHY R. JONASSON, P.E. PUBLIC WORKS DIRECTOR/CITY ENGINEER R.C.E. NO. 45843</p> | <p>CITY OF LA QUINTA 10-16-03 DATE EXP. 12-31-06</p> | <p>CITY OF LA QUINTA STREET IMPROVEMENT PLAN AVENUE 54 TITLE SHEET AMENDED TRACT NO. 29894-2 WITHIN SECTION 9, T.6.S., R.7.E., S.B.M.</p> | <p>DWG. NAME ST-Ave54-01-TL.dwg PROJECT NO. P02913 DWG. NO. 1 OF 11</p> |
| | | | | | | | |