CITY OF SOUTH GATE PARK FENCING IMPROVEMENT PROJECT

4900 Southern Avenue  South Gate, CA  90280
CDHG ACTIVITY NO. 648
CITY PROJECT NO. 550-PRK

SOUTH GATE PARK DEPARTMENT OF PUBLIC WORKS

PLANS FOR

SOUTH GATE PARK FENCING IMPROVEMENT PROJECT

April 3, 2023

Department of Public Works
City of South Gate

South Gate Park

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UTILITY AGENCIES

PHONE NO.

REVISIONS

SHEET 1 OF 14 SHEETS
GENERAL NOTES

1. EXISTING FRAMEWORK

The existing framework's rail line protected in place, unless otherwise noted on the plan. The city will determine if the existing framework requires replacement, detection, or repair. The contractor will be responsible for making all improvements to the existing framework that meets or exceeds industry standards. The contractor will be responsible for making all improvements to the existing framework.

2. DAMAGED POST

The city will determine if an existing post and footing require replacement. If it is determined that a post is to be replaced, the contractor will be responsible for removing the existing post to a point where the new post can be installed. Replacement posts and footing shall be provided by the contractor at no additional cost to the city. The city will make the final decision on whether a post and footing requires replacement.

3. RAIL TO POST ATTACHMENT

The contractor will be responsible for installing new rail to post connections to ensure the structural integrity of the fence. The contractor will be responsible for ensuring that all new connections meet or exceed industry standards.

4. CHAIN LINK FABRIC

- Attach fabric to framework. Material meets or exceeds industry standards and is recognized by the state of California. The fabric to be installed will be selected to meet the needs of the project.
- Attach fabric to framework. Material meets or exceeds industry standards and is recognized by the state of California. The fabric to be installed will be selected to meet the needs of the project.

5. EXISTING FRAMEWORK FINISH

A single color of galvanized or vinyl coated chain link fence shall be selected to ensure the structural integrity of the fence.

6. FITTINGS

The contractor will be required to use new fittings and attachment components (i.e., brackets, rails, and gate frames) that meet or exceed industry standards. The contractor will be responsible for ensuring that all new components meet or exceed industry standards.

7. FENCE HEIGHT

The contractor will be responsible for verifying the heights of all chain link fences. The contractor will notify the landscape architect prior to the beginning of construction. If the fence height is determined to be shorter than the height noted on the plans, the contractor will be responsible for increasing the fence height to the height noted on the plans.

8. REPLACEMENT RAILS

Replacement rails must be equal to or exceed the structural integrity of the damaged rail, in terms of wall thickness, gauge, and diameter of pipe.
2.0 HORSESHOE PIT AREA

FENCING IMPROVEMENTS

DESCRIPTION OF WORK

- REMOVE & DISPOSE OF (E) CHAIN LINK FABRIC TO EXISTING AND NEW FRAMEWORK. THE RE-USE OF EXISTING FABRIC TO BE KNUCKLED SELVAGE, TOP & BOTTOM. (NOTE: THE FABRIC TO BE INSTALLED DONE TO THE SATISFACTION OF THE CITY.)
- INSTALL NEW CHAIN LINK FABRIC OVER EXISTING FRAMEWORK, INCLUDING NEW AND EXISTING POSTS, RAILS & FITTINGS.
- INSTALL NEW PVC COATED CHAIN LINK FABRIC OVER THE EXISTING FRAMEWORK.
- INSTALL NEW PVC COATED CHAIN LINK FABRIC OVER THE EXISTING FRAMEWORK (COLOR: FOREST GREEN)
- REMOVE RECONECTION FITTINGS, RAILS AND CHAIN LINK FABRIC.
- REINSTALL FITTINGS, RAILS AND CHAIN LINK FABRIC.
- INSTALL NEW PVC COATED CHAIN LINK FABRIC OVER EXISTING FRAMEWORK, INCLUDING NEW AND EXISTING POSTS, RAILS & FITTINGS.
- INSTALL NEW PVC COATED CHAIN LINK FABRIC OVER EXISTING FRAMEWORK (COLOR: FOREST GREEN)

FENCING IMPROVEMENTS

3.0 TENNIS COURTS

DESCRIPTION OF WORK

- REMOVE & DISPOSE OF (E) CHAIN LINK FABRIC TO EXISTING AND NEW FRAMEWORK. THE RE-USE OF EXISTING FABRIC TO BE KNUCKLED SELVAGE, TOP & BOTTOM. (NOTE: THE FABRIC TO BE INSTALLED DONE TO THE SATISFACTION OF THE CITY.)
- INSTALL NEW CHAIN LINK FABRIC OVER EXISTING FRAMEWORK, INCLUDING NEW AND EXISTING POSTS, RAILS & FITTINGS.
- INSTALL NEW PVC COATED CHAIN LINK FABRIC OVER THE EXISTING FRAMEWORK.
- INSTALL NEW PVC COATED CHAIN LINK FABRIC OVER THE EXISTING FRAMEWORK (COLOR: FOREST GREEN)
- REMOVE & DISPOSE OF EXISTING TURNSTILE GATES, INCLUDING GATES.
- INSTALL NEW PEDESTRIAN GATES (3'-6"x8') TO REPLACE EXISTING GATES.
- INSTALL NEW CHAIN LINK FABRIC OVER EXISTING FRAMEWORK, INCLUDING GATES.
- INSTALL NEW PVC COATED CHAIN LINK FABRIC OVER EXISTING FRAMEWORK, INCLUDING GATES (COLOR: FOREST GREEN)
- INSTALL NEW PVC COATED CHAIN LINK FABRIC OVER EXISTING FRAMEWORK (COLOR: FOREST GREEN)

GENERAL NOTES

1. EXISTING FRAMEWORK
- THE EXISTING FRAMEWORK SHALL BE PROTECTED IN PLACE. UNLESS OTHERWISE NOTED ON PLANS, THE CITY WILL DETERMINE IF THE EXISTING FRAMEWORK REQUIRE ADDITIONAL PROTECTION OR NEED TO BE REMOVED TO ALLOW ALL UPGRADE TO BE MADE TO THE EXISTING FRAMEWORK.

2. DAMAGES POST
- THE CITY WILL DETERMINE IF ANY EXISTING POSTS AND FOOTINGS REQUIRE REPLACEMENT. IF DETERMINED THAT A POST OR FOOTING IS NOT TO BE REPLACED, THE CONTRACTOR WILL BE halten TO THE CURRENT POST & FOOTING.
- EXISTING POSTS & FOOTINGS MAY NOT BE REPOUTED OR REMOVED FROM THE CURRENT BASE unless otherwise noted.

3. RAIL TO POST ATTACHMENT
- THE CONTRACTOR SHALL BE RESPONSIBLE TO PREPARE "RAIL TO POST" CONNECTIONS TO THE EXISTING FRAMEWORK. THE CONTRACTOR SHALL PREPARE DETAIL SHEETS TO BETWEEN NEW AND EXISTING FRAMEWORK. THE RE-USE OF EXISTING FRAMEWORK (I.E. POSTS, RAILS & GATE FRAMES) SHALL BE PAINTED USING AN INDUSTRIAL TYPE PAINT & PRIMER. ALL FRAMEWORK TO REMAIN SHALL BE PAINTED USING INDUSTRIAL ALKYD ENAMEL OR EQUIVALENT. THE RE-USE OF EXISTING FRAMEWORK SHALL BE PAINTED USING AN INDUSTRIAL ALKYD ENAMEL OR EQUIVALENT. COLOR TO MATCH FABRIC. SUBMIT COLOR SAMPLES FOR CITY REVIEW AND APPROVAL BEFORE PAINTING.
4.0 AQUATIC CENTER

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<thead>
<tr>
<th>ITEM</th>
<th>DESCRIPTION OF WORK</th>
<th>NOTES</th>
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NOTE: A DEPARTMENT OF PUBLIC WORKS REPRESENTATIVE WILL MEET WITH CONTRACTOR TO CONFIRM LOCATION AND LOCATION OF ITEMS TO BE entfernt.

SEE GENERAL NOTES, SHEET F.1

SCALE: 1" = 20'-0"
Match Line 'A', See Sheet F.5
FENCING IMPROVEMENTS
6.0 FIELDS 5 & 6 (Small Quad)

DESCRIPTION OF WORK

<table>
<thead>
<tr>
<th>NOTES</th>
<th>COLOR</th>
<th>FINISH</th>
<th>MESH</th>
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<tbody>
<tr>
<td>REMOVE AND DISPOSE OF (E) CHAIN LINK FABRIC FROM EXISTING BACKSTOP</td>
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<td>PAINT (E) FRAMEWORK (COLOR: GREY)</td>
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<td>INSTALL NEW CHAIN LINK FABRIC OVER EXISTING FRAMEWORK</td>
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<td>REPAIR DAMAGED FRAMEWORK, INCLUDING BENT RAILS AND OUT OF PLUMB POSTS.</td>
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<td>REMOVE AND DISPOSE OF (E) CHAIN LINK FABRIC</td>
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<td>PAINT (E) FRAMEWORK (COLOR: GREY)</td>
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<td>APPLY SHERWIN WILLIAMS # 800864 PAINT &amp; PRIMER, 52 SERIES INDUSTRIAL ALKYD ENAMEL OR EQUIVALENT. COLOR TO MATCH FABRIC. FINISH TO BE FLAT/MATTE.</td>
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SEE GENERAL NOTES, SHEET F.1
Call at least 2 working days prior to excavating UNDERGROUND SERVICE ALERT.

YOU DIG BEFORE CALL NO. 3883

BOY SCOUT AREA IMPROVEMENTS
9 HOLE GOLF COURSE

DESCRIPTION OF WORK

- Construct Chain Link Fence over (E) Framework
- Install New Chain Link Fabric over (E) Framework
- Repair Damaged Framework Including Bent Rails and Out of Plumb Posts.
- Weld-On and/or Install New Fittings to Fix Rail to Post Attachments and Chain Link Fabric Attachment to Framework

APPLICATION TO SWITCH METAL FRAME FENCE TO THE BULK TO PROVINCE UNIVERSAL ACCESSIBILITY REQUIREMENTS.

- Trench for the Concrete Band (18" wide x 6")
- Construct Chain Link Fence
- Submit Shop Drawings for Review and Approval
- Construct New Tube Steel Double Swing Gate. See Detail 2, Sheet LC.2.
- Construct New TUBE STEEL FENCE - SEE DETAIL 1, SHEET LC.1.
- ** FENCE HEIGHT NOTED ON PLAN **

NOTE:
- FENCING PLAN 30' HIGH
- 10' HIGH
- 8' HIGH

APPLICATION TO REPLACE METAL FRAME FENCE TO THE BULK TO PROVINCE UNIVERSAL ACCESSIBILITY REQUIREMENTS.

- Paint (E) Framework
- Apply Sherwin Williams # 800864 Paint & Primer, 52 Series Industrial Alkyd Enamel or Equivalent. Color to Match Fabric. Finish to be Flat/Matte.
- Paint (E) Framework
- Construct 18" Wide Concrete Band
- Construct New TUBE STEEL Double Swing Gate. See Detail 2, Sheet LC.2.
- Construct New TUBE STEEL FENCE - SEE DETAIL 1, SHEET LC.1.
- ** FENCE HEIGHT NOTED ON PLAN **

SEE GENERAL NOTES, SHEET F.1

SOUTH GATE PARK FENCING IMPROVEMENTS
FENCING PLAN
CONSTRUCTION NOTES

1. STAKE OUT LIKELY MAIN RAILING LOCATIONS TO VISION HEIGHT.
2. REMOVEalli, TUBULAR STEEL FENCE TO BE INSTALLED ON EXPERIENCE PEOPLE OR PERMIT REQUIRED.
3. INSTALL ALL TUBULAR STEEL FENCE TO BE INSTALLED ON EXPERIENCE PEOPLE OR PERMIT REQUIRED.
4. COMPLETE ALL TUBULAR STEEL FENCE TO BE INSTALLED ON EXPERIENCE PEOPLE OR PERMIT REQUIRED.
5. TUBULAR STEEL FENCE TO BE INSTALLED ON EXPERIENCE PEOPLE OR PERMIT REQUIRED.

CONSTRUCTION DETAILS

- **CONCRETE BAND**: 90% COMPACTED SUBGRADE
- **TUBULAR STEEL FENCE**: 1" = 1'-0"
- **SIDE VIEW**: 2"x4"x3/8" THICK
- **TOP VIEW**: 3" SQ. STEEL POST (11 GAUGE)
- **SECTION**: 3# 4 BAR, CONTINUOUS
- **SECTION**: 2#4 REBAR, CONTINUOUS
- **CENTER FENCE (WHERE OCCURS)**: OVER 42" FOR 8' HT.
- **GRADE**: CONCRETE FOOTING
- **FINISHED GRADE (LANDSCAPE)**: CONCRETE BANDING
- **EXISTING CONDITIONS**: FENCE ENCLOSURE.
- **FINISH**: BLACK TO MATCH FENCE. SUBMITTAL
- **PICKETS**: 1" SQ. STL. TUBING AT 3' 0" SPACING, 16 GAUGE
- **PLATES TO POST**: 2#4 BAR, CONTINUOUS
- **TOP & BOTTOM (11 GAUGE)**: 3 1/2" x 1 1/2" TUBE STEEL RAIL, TOP & BOTTOM (11 GAUGE)
- **STEEL PLATE WELDED TO ENDS**: TYPICAL
- **MAX. 3 3/4"**: WHERE NOTED
- **CONSTRUCT HAND TOOLED FINISHED GRADE (LANDSCAPE)**
- **PERMANENTLY SEAL ALL OPEN ENDS USING**: CONSTRUCTION. PROVIDE ALL
- **CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO THE ENGINEER FOR REVIEW**: OR APPROVED EQUAL. ALUM/STAINLESS STEEL
- **CONSTRUCTION. PROVIDE ALL**: FENCE ENCLOSURE.
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- **CONSTRUCTION. PROVIDE ALL**: FENCE ENCLOSURE.
CHAIN LINK AND POST SPECIFICATIONS

Fabric: No. 9 Ga. (0.158") finished size steel wires, 1-1/4" mesh up to 10' high, with knuckled selvedge at both top and bottom.

Top & Bottom Rail: 1-3/8" SCH 40 pipe, 2.27 lbs. per foot, 21' lengths joined with 1-5/8" x 4" long sleeve.

Truss Rod: End posts to be braced and trussed to the nearest line post with #4 rod and truss adjustable rod tightener.

Line Post: Size 4" STD pipe.

Fittings: 1/2" x 1" heavy tension bands, 1/4" x 3" x 6" tension bars, stretcher bars, pressed steel dome caps, pressed steel caps and rail ends, 1/4" x 3/4" and tension bars.

Tie Wires: 9 Ga. hooked ties spaced 12" O.C.

Finish: All fencing components (fabric, posts, rails and fittings) to be galvanized steel finish.

Concrete Footing: 3000 P.S.I. ready mix.

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Fabric: No. 9 Ga. (0.158") finished size steel wires, 1-1/4" mesh up to 10' high, with knuckled selvedge at both top and bottom.

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Truss Rod: End posts to be braced and trussed to the nearest line post with #4 rod and truss adjustable rod tightener.

Line Post: Size 4" STD pipe.

Fittings: 1/8" x 1" heavy tension bands, 1/4" x 3/4" tension bars, stretcher bars, pressed steel dome caps, pressed steel caps and rail ends, 1/4" x 3/4" and tension bars.

Tie Wires: 9 Ga. hooked ties spaced 12" O.C.

Finish: All fencing components (Fabric, Posts, Rails and Fittings) to be galvanized steel finish.

Concrete Footing: 3000 P.S.I. ready mix.
NOTES:

OPENS BETWEEN POSTS SHALL NOT BE GREATER THAN 2'.

ALL WELDS SHALL BE 1/4" CONTINUOUS FILLET WELDS GRIND SMOOTH. ALL CRAFTSMANSHIP SHALL BE APPROVED BY THE CITY ENGINEER. THE CONTRACTOR SHALL SUBMIT ALL MATERIALS INCLUDING: HEAVY DUTY GATE LATCH, HINGES, AND LOCKS FOR APPROVAL PRIOR TO FABRICATION.

CONCRETE FOOTING: 3000 P.S.I. READY MIX

CHAIN LINK AND POST SPECIFICATIONS

FABRIC:
- Fabric No. 9-GA. (0.158") finished size steel wires, 1-1/4" mesh up to 10' high, with knuckled selvedge at both top and bottom.

TOP & BOTTOM RAILS:
- 1-5/8" SCH. 40 PIPE, 2.27 LBS. PER FOOT, 21' LENGTHS JOINED WITH 1-5/8" x 6" LONG SLEEVE.

TRUSS ROD:
- END POSTS TO BE BRANDED AND TRUSSED TO THE NEAREST LINE POST WITH 3/8" ROO AND TRUSS ADJUSTABLE ROO TIGHTENER.

LINE POST:
- SIZE: 6" OD PIPE

FITTINGS:
- 10" x 1" HEAVY TENSION BANDS, 1/4" x 3/4" TENSION BARS, STRETCHER BARS, PRESS-STEEL CAPS, PRESS-STEEL CAPS AND PAINT ENDS, 1/4" x 3/4" AND TENSION BARS.

TIE WIRE:
- 9 GA. HOOKED TIES SPACED 12" O.C.

FINISH:
- ALL FENCING COMPONENTS (FABRIC, POSTS, RAILS AND FITTINGS) TO BE GALVANIZED STEEL FINISH.

CONCRETE:
- 3000 P.S.I. READY MIX