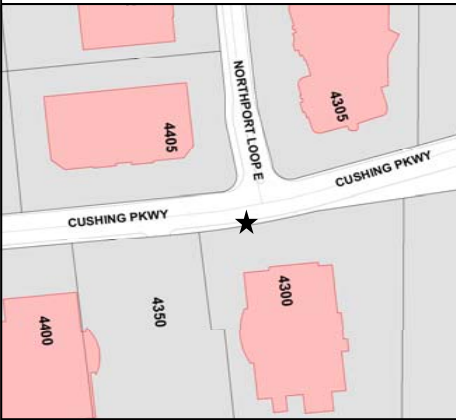


LOCATIONAL MAP



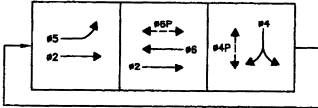
MATCHLINE "A" - SEE BELOW

MATCHLINE "B" - SEE BELOW

MATCHLINE "A" - SEE ABOVE

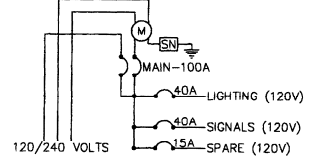
MATCHLINE "B" - SEE ABOVE

**Traffic Signal Cabinet  
 4306 Cushing Parkway**



**STEADY DEMAND SEQUENCE  
 PROPOSED PHASE DIAGRAM**

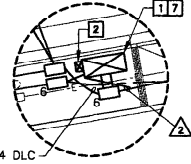
**EMERGENCY VEHICLE  
 PREEMPTION PHASING**  
 EVA=#6  
 EVC=#2+#5



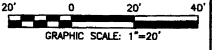
**TYPE II SERVICE  
 WIRING DIAGRAM**

**PROJECT NOTES: (THIS SHEET ONLY)**

- 1 FURNISH AND INSTALL NEMA TS-2 CONTROLLER IN A TYPE "P" CABINET.
- 2 FURNISH AND INSTALL A TYPE II-A SERVICE EQUIPMENT ENCLOSURE (120/240V). SEE SERVICE WIRING DIAGRAM DETAIL ON THIS SHEET.
- 3 FURNISH AND INSTALL MAST ARM MOUNTED REFLECTIVE STREET NAME SIGN. SEE DETAIL X ON SHEET XX.
- 4 INSTALL TYPE A AND D COMBINATION LOOP DETECTORS ONE FOOT BEHIND LIMIT LINE/CROSSWALK. INSTALL NEW DLC AS ON THE CONDUCTOR SCHEDULE.
- 5 FURNISH AND INSTALL TYPE A LOOP DETECTORS AND DLC AS SHOWN ON THE CONDUCTOR SCHEDULE.
- 6 FURNISH AND INSTALL EMERGENCY VEHICLE PREEMPTION ON SIGNAL MAST ARM.
- 7 INSTALL EMERGENCY VEHICLE PREEMPTION EQUIPMENT IN NEW CABINET IN ACCORDANCE TO THE PROJECT SPECIFICATIONS. THE CONDUCTORS, WIRING AND SPLICING SHALL CONFORM TO SECTION 86-2.09 OF THE STATE STANDARD SPECIFICATIONS.
- 8 INSTALL NEW CONDUIT BY DIRECTIONAL DRILLING/BORING METHOD.
- 9 INSTALL ADA DETECTABLE WARNING SURFACE ON EXISTING RAMP.



**DETAIL 1**  
 SCALE: 1"=10'



**DKS Associates**  
 TRANSPORTATION SOLUTIONS  
 1000 Broadway, Suite #450  
 Oakland, California 94607-4099  
 Tel.: 510-763-2061  
 Fax: 510-268-1739



No.	Date	Revision	By

**INTERSECTION IMPROVEMENTS  
 CUSHING PARKWAY AT NORTHPORT LOOP EAST**

**TRAFFIC SIGNAL PLAN**

**Fremont**  
 CITY OF FREMONT, CALIFORNIA  
 Development and Environmental Services

Approved	City Engineer	Date	Approved	Senior Engineer	Date	Recommended	Project Manager	Date
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Scale: AS NOTED  
 Designed By: AJP  
 Drawn By: MNL  
 Date: 6/25/08  
 Project No.: XXX  
 CAD File:

**65% SUBMITTAL  
 NOT FOR CONSTRUCTION**

Jun 25, 2008 - 4:06pm  
 P:\V\08\0052-000\Fremont\_Cushing\_Parkway & Northport Loop East\_Signal Design\CAD\Plans & Xrefs\SP72-0052-000\_SIGNAL.dwg