Infrastructure Improvements in Huntington Beach

Construction in Progress

Updated February 2009

ARTERIAL REHABILITATION

Project Location: The following street segments:

Garfield: Beach to Newland & Bushard to Ward
Graham: Edinger to Bolsa, Ward: Yorktown to Garfield
Yorktown: Main to Delaware & Brookhurst to Ward

Project Need: The street segments are selected according to condition ratings established in the adopted Pavement Management Plan, to improve the street surface and adjacent infrastructure. Rehabilitation is generally planned in ½ mile segments.

Project Scope: Rehabilitation of the roadways generally includes pavement crack sealing, grinding, selective pavement reconstruction and rubberized asphalt overlay. This project also includes selected street tree, sidewalk, curb and gutter replacement, signage and striping, new traffic detection loops and adjustments of existing water valves, manholes and similar appurtenances to the new finished surface. Overgrown street trees are removed, and replaced in a new configuration that will not be disruptive to the hardscape as trees mature.

Additional Benefits: The project utilizes rubberized asphalt concrete (RAC) which contains crumb rubber derived from scrap tires. A 2-inch layer of RAC uses over 2,000 waste tires per lane mile. This project will divert over 25,000 waste tires, which otherwise would end up in a landfill. To date, the use of RAC in the rehabilitation of the City's arterial streets has resulted in the diversion of nearly 140,000 waste tires.

Schedule: Yorktown and Garfield complete by May 2009. Graham complete by June 2009.

Traffic Control/Street Closures: Lane closures will occur during the pavement reconstruction portion.

Detours: Use Yorktown east and westbound; Beach Blvd or Magnolia Street north or south bound.

Cost $4.5 million

Funding Source: Local allocation of State Gas Tax

NEWLAND STREET WIDENING and VERTICAL ALIGNMENT

Project Location: Newland Street between Hamilton Avenue and Pacific Coast Highway.

Project Need: Widen street to full width, install curb and gutter, and complete vertical realignment over the flood control channel to site distance at the Edison Avenue intersection.

Project Scope: The Newland Street Improvement project will widen the east side of Newland Street, from Pacific Coast Highway up to and including the Huntington Beach Channel. The Newland Street right-of-way is 80 feet wide from the intersection of Pacific Coast Highway to approximately 700 feet north of the intersection, where the right-of-way narrows. Currently there is only a single lane of travel in each direction with no sidewalk or bike lane for most of the distance within the project area. In addition, a significant grade differential exists where Newland Street crosses the Huntington channel which creates a stopping sight distance deficiency at the intersection with Edison Avenue.

The proposed improvements will include bike lanes, a sidewalk and center striped median. The widening will also address the stopping sight distance deficiency, by raising the road grade at the Huntington Beach Channel and providing a left turn lane at the intersection of Newland Street and Edison Avenue. A 39-inch storm drain and associated catch basins will replace an unimproved drainage ditch along the east side of the roadway, and the existing Southern California Edison (SCE) power lines along Newland will be relocated underground.

Schedule: Construction begins Fall 2008

Estimated Completion Date: Fall 2009

Traffic Control/Street Closures: Project will require partial and full street closures in the section due to trenching, bridge reconstruction and underground utility activity. Newland Street between PCH and Hamilton will be closed until Summer 2009. The current schedule for fully opening Newland Street to all traffic is the middle of July 2009 barring any weather delay

Cost: $7.5 million

Funding Source: Developer paid Traffic Impact Fees

HEIL AVENUE WIDENING

Project Location: Heil Avenue between Silver Land and Beach Boulevard

Project Scope: The project will construct the street improvements necessary to widen the north side of Heil Avenue between Silver Lane and Beach Boulevard to its full 80-foot secondary arterial street width. Currently, this segment of Heil Avenue provides one through-lane in each direction, bike lanes, and a striped median. The widened street

section will provide one additional through-lane in each direction. This project includes relocation of existing utility poles and the construction of new asphalt pavement, concrete curb, gutter, sidewalk, street lights, and the installation of 24" box parkway trees. An eight-foot high wall will be constructed along the proposed northerly right-of-way.

The scope of work consists primarily of clearing and demolition of existing pavement, constructing new pavement sections and overlaying the streets with rubberized asphalt. A concrete masonry retaining wall with subdrain system will be installed. Ancillary work consists of concrete curb and gutter, sidewalk, tree, and associated utilities work. The project will install a storm water treatment device to comply with water quality requirements.

Schedule: Work will begin January 2008 and continue through May 2008.

Estimated Completion Date: Summer 2008

Traffic Control: Limited street segment closures; Detours will be posted

Cost: $1.8 million

Funding Source: Huntington Beach Redevelopment Agency

NEW TRAFFIC SIGNALS

Project Location: Adams Avenue at Ranger; Goldenwest Street at Rio Vista; Bolsa Chica Street at Robinwood;

Project Need: New traffic signal locations are determined by reviewing a list of candidate locations citywide. The recommendations are based on the analyses and attribute weighting system as provided by the State of California. The methodology for establishing traffic signal priorities presents a formal method for reflecting both the actual street conditions and community priorities. The recommended projects reflect sound application of the current State standards for traffic control devices and a community-oriented approach based on local priorities for traffic safety.

Project Scope: Install new traffic signals at the above locations to improve vehicular, bicycle and pedestrian safety.

Schedule: Adams Avenue at Ranger-- Complete February 2009
Goldenwest Street at Rio Vista-- Complete February 2009
Bolsa Chica Street at Robinwood--Complete March 2009
(currently awaiting Edison installations)

Traffic Control/Street Closures: No closures anticipated. Occasional temporary lane closures to move and place equipment.

Cost: $705,000

Funding Source: Developer paid Traffic Impact Fee

MODIFIED TRAFFIC SIGNALS

Project Location: Springdale Street & Heil Avenue and Center Avenue One Pacific Plaza

Project Need: The intersection of Springdale Street at Heil Avenue has been identified as requiring north-south left turn arrows based on collision history and the presence of a significant number of school-age pedestrians.

The intersection of Center Avenue at One Pacific Plaza also was identified as requiring the installation of left turn arrows. The existing curvature of Center Avenue to the east of this intersection impacts the sight distance for eastbound left turning traffic.

Project Scope: Install protected north-south left turn arrows on Springdale Street.

Center Avenue at One Pacific Plaza: The existing protected-permissive left turn indications will be removed and replaced with standard left turn indications, where a left turn can only be made on a green arrow

Schedule: Completed February 2009

Traffic Control/Street Closures: No closures anticipated. Occasional temporary lane closures to move and place equipment.

Cost: $232,000

Funding Source: Developer paid Traffic Impact Fee

SAFE ROUTES TO SCHOOL

Project Location: (1) Vicinity of Mesa View Middle School (2) Vicinity of Marine View Middle School

Project Need: Improve pedestrian and bicycle access to neighborhood elementary school. Increase awareness of school age pedestrians with signage and markings.

Project Scope: (1) Mesa View: The project includes the installation of east-west left turn arrows at the intersection of Slater Avenue and Edwards Street, the installation of curb ramps, damaged sidewalk replacement, the installation of

radar feedback signs to display motorists' speed, and signing and striping improvements.

(2) Marine View: The project includes installation of curb ramps, damaged sidewalk replacement, the installation of radar feedback signs to display motorists' speed, and signing and striping improvements

Schedule: Under construction. Scheduled completion April 2009.

Traffic Control/Street Closures: None anticipated. Temporary lane closures for traffic signal installation.

Cost: $355,000

Funding Source: 80% State Safe Routes to School Grant; 20% Gas Tax

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SEWER LIFT STATION REPLACEMENT

Project Location: Adjacent to Bolsa View Park at the intersection of Brighton Drive and Shoreham Lane. Facility is underground.

Project Need: The existing sewer lift station is demonstrating signs of deterioration due to age and proximity to the marine environment, as evidenced by corrosion within the station. The sewage force main which conveys the pumped effluent from this station also has shown signs of deterioration.

Project Scope: This project will abandon the existing sewer lift station and force main and replace them with new facilities. The force main is approximately 850 feet long and has recently required repairs, and will be replaced.

Schedule: Shoring and excavation are underway. Scheduled completion September 2009.

Traffic Control/Street Closures: Brighton Drive is closed to through traffic for the duration of the project.

Cost: $2 million

Funding Source: Sewer Service Charge Fund

DOWNTOWN STREETS AND ALLEYS REHABILITATION

Project Location: Various street segments in Downtown Area

Project Need:

Project Scope: The project consists of removing failed pavement areas, cold milling, constructing asphalt concrete pavement, and slurry seal as appropriate. In addition to roadway rehabilitation, concrete cross-gutters, curb and gutter will be installed to replace and improve upon the antiquated downtown drainage system. Pedestrian walkway areas within the project area will be reconstructed, where feasible, to meet current ADA requirements.

Schedule: Begin Summer 2008, complete Spring 2009.

Traffic Control/Street Closures: Parking limited; alleys closed during construction; some street closures

Cost: $2.5 million

Funding Source: Redevelopment Agency

DOWNTOWN STREET LIGHT REPLACEMENT PHASE I

Project Location: Pacific Coast Highway between 11th Street and Main Street.

Project Need: System is high voltage and antiquated.

Project Scope: Replace 50 to 70 year old high voltage streetlight system with new light standards, conduit, lower voltage etc. New lower voltage system will decrease risk in performing maintenance and construction projects in the area.

Schedule: Under construction—completion March 2009

Traffic Control/Street Closures: None anticipated

Cost: $100,000

Funding Source: Redevelopment Agency

TREE AND SIDEWALK REMOVAL AND REPLACEMENT

Project Location: Hollywood Lane, Saratoga Lane, Audrey Drive, and Forest Lane. Locations within CDBG Enhancement Areas.

Project Need: Street trees are overgrown, sidewalks lifted and drainage is impeded. Streets were on residential petition list, and are is eligible for CDBG funding.

Project Scope: Reconstruction includes tree removal and replacement, sidewalk, curb and gutter repair and replacement as necessary. Pavement overlay will be applied to the street surface.

Schedule: Construction underway. Scheduled completion April 2009

Traffic Control/Street Closures: Parking restrictions; streets closed overnight for overlay process.

Cost: $1 million

Funding Source: Community Development Block Grant (CDBG)

WATER MAIN REPLACEMENT

Project Location: (1) Various segments along Beach Boulevard

Project Need: Improve reliability of the potable water system

Project Scope: Replace existing distribution mains because of corrosion, excessive repair requirements, or other age related issue. These projects are consistent with the City's routine water maintenance program and/or per 2005 Water Master Plan. Beach Blvd replace or install 4,500 lineal feet of 8-inch and 12 -inch diameter pipeline.

Schedule: Under construction, (1) Beach Boulevard—completion Summer 2009

Traffic Control/Street Closures: Right lane closures along southbound Beach Blvd consistent with the project areas, generally

Cost: $1.6 million

Funding Source: Water Master Plan
