

TO: BOARD OF DIRECTORS
FROM: MARIO IGLESIAS
GENERAL MANAGER
DATE: SEPTEMBER 9, 2016

**AGENDA ITEM
C
SEPTEMBER 14, 2016**

PRESENTATIONS AND REPORTS

The following presentations and reports are scheduled:

- C-1) SAN LUIS OBISPO COUNTY SELF-HELP LOCAL TRANSPORTATION INVESTMENT PLAN
- C-2) DIRECTOR OF ENGINEERING AND OPERATIONS SUMMARY OF ACTIVITIES – MONTHLY REPORT; JOSHUA ROAD PUMP STATION CONSTRUCTION
- C-3) DIRECTORS' ANNOUNCEMENTS OF DISTRICT & COMMUNITY INTEREST AND REPORTS ON ATTENDANCE AT PUBLIC MEETINGS, TRAINING PROGRAMS, CONFERENCES, AND SEMINARS.
Receive Announcements and Reports from Directors
- C-4) RECEIVE PUBLIC COMMENT ON PRESENTATIONS AND REPORTS PRESENTED UNDER ITEM C AND BY MOTION RECEIVE AND FILE PRESENTATIONS AND REPORTS

TO: BOARD OF DIRECTORS

FROM: MARIO E. IGLESIAS
GENERAL MANAGER



DATE: SEPTEMBER 8, 2016

AGENDA ITEM
C-1
SEPTEMBER 14, 2016

SAN LUIS OBISPO COUNTY
SELF-HELP LOCAL TRANSPORTATION INVESTMENT PLAN

ITEM

Scott Haven, on behalf of San Luis Obispo Council of Governments (SLOCOG), to present information about Measure J. [NO ACTION REQUESTED].

BACKGROUND

San Luis Obispo County voters, through Measure J, are being asked to approve a 9-year, ½ cent sales tax to address transportation needs on the November 2016 ballot.

RECOMMENDATION

Staff recommends that your Honorable Board receive the presentation.

ATTACHMENTS

- A. Measure J Presentation Slides

September 14, 2016

ITEM C-1

ATTACHMENT A

Self-Help County Efforts: San Luis Obispo County Self-Help Local Transportation Investment Plan

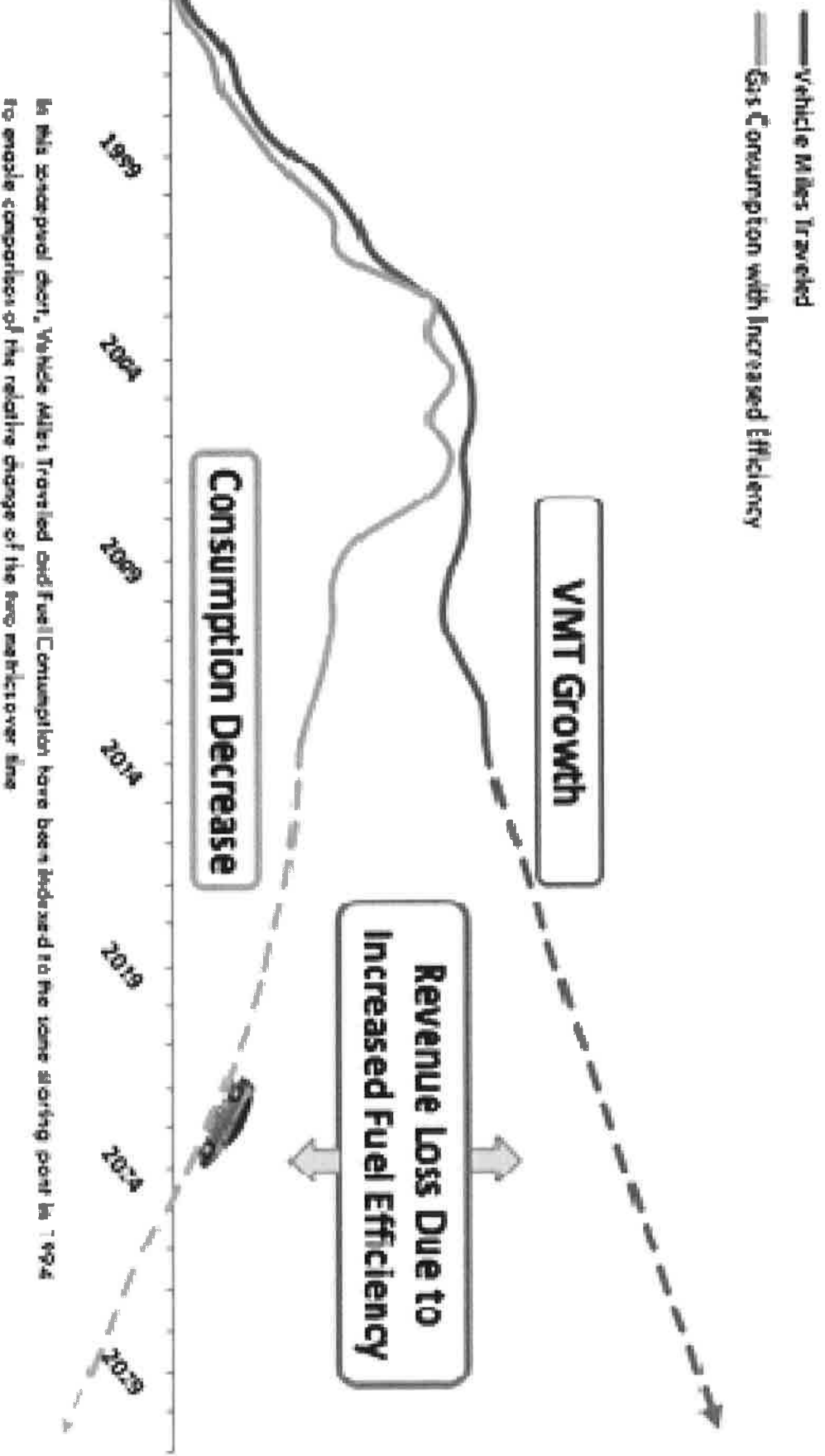
2016

San Luis Obispo Council of Governments



SLOCOG

CONCERNS



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SAN LUIS OBISPO COUNCIL OF GOVERNMENTS

THE GAS TAX

Where does the money we pay go?

RECEIPT
1 Gallon Gasoline

YOU PAID

\$0.18 Fixed Excise Tax:

CALTRANS SHOPP: **\$0.12**
Road Safety/
Maintenance

LOCAL: **\$0.06**
Street/Road
Maintenance

RECEIPT
1 Gallon Gasoline

YOU ALSO PAID

\$0.098 Price-based
Excise Tax:

BOND DEBT **\$0.07**

REMAINING: **\$0.028**

\$0.003 CALTRANS SHOPP

\$0.012 LOCAL

\$0.012 IMPROVEMENTS

75% Regional/
25% Interregional

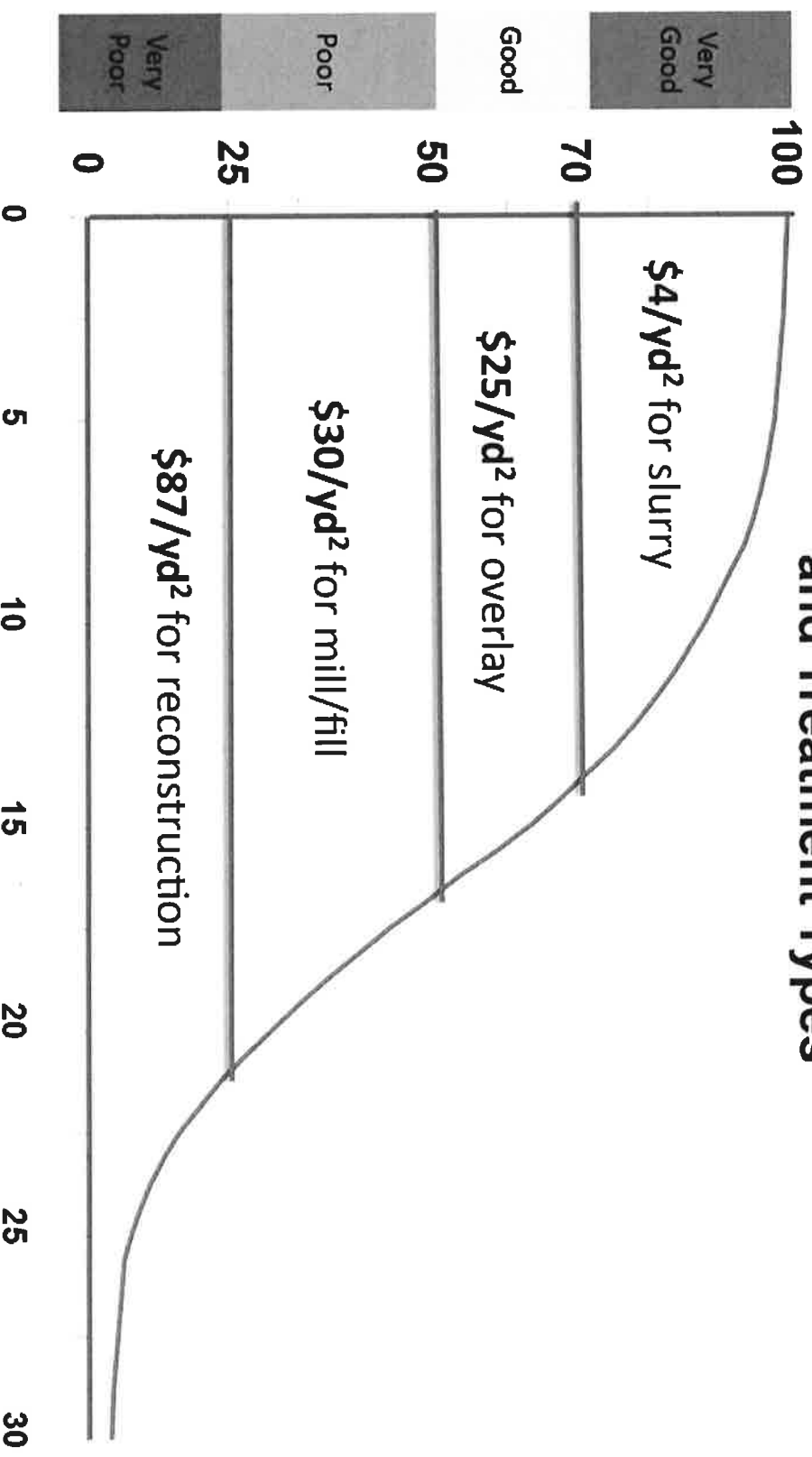
\$0.00009 Or 1¢ of Regional
comes back to SLOCOG

Each year, the tax paid on one gallon of gas has steadily declined.

YEAR	TAX
2013	21¢
2014	18¢
2015	12¢
2016	9.8¢

PAVEMENT COST

Pavement Deterioration Curve and Treatment Types



SLOCCOG

SAN LUIS OBISPO COUNCIL OF GOVERNMENTS

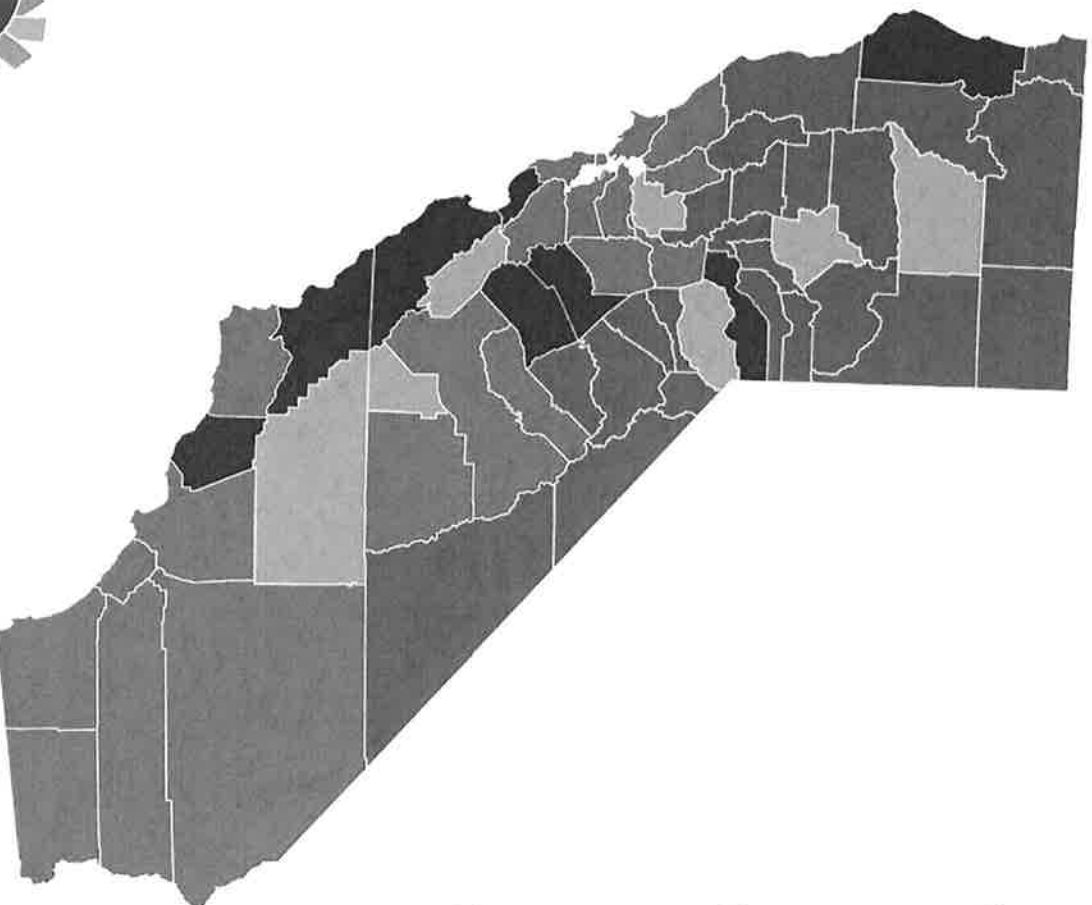
Pavement Life in Years

(Actual life varies with each section)

STATE & FEDERAL FUNDS

- Funding is deteriorating
- Sacramento has further cut funding—despite lobbying efforts by cities and counties throughout the State.
- Increasing shift to grant funding requiring matching funds.

SELF-HELP COUNTIES



- 20 counties (84% of CA population) are known as Self-Help Counties
- 7 counties are investigating or have recently tried to become Self-Help
- 8 counties have a ballot measure in November 2016

Self-Help Counties invest \$4.5B in funding for transportation projects – compared to \$1B in state highway improvement funds (in a good year)

SELF HELP FOR SLO COUNTY

- 9 year, ½ percent sales tax increase for transportation
- Generates estimated \$25 million dollars per year
- Over 50% paid by non-residents
- Delivers a Transportation Investment Plan
- Restricted to local projects and transportation priorities
- Supplies match for grants
- Local control

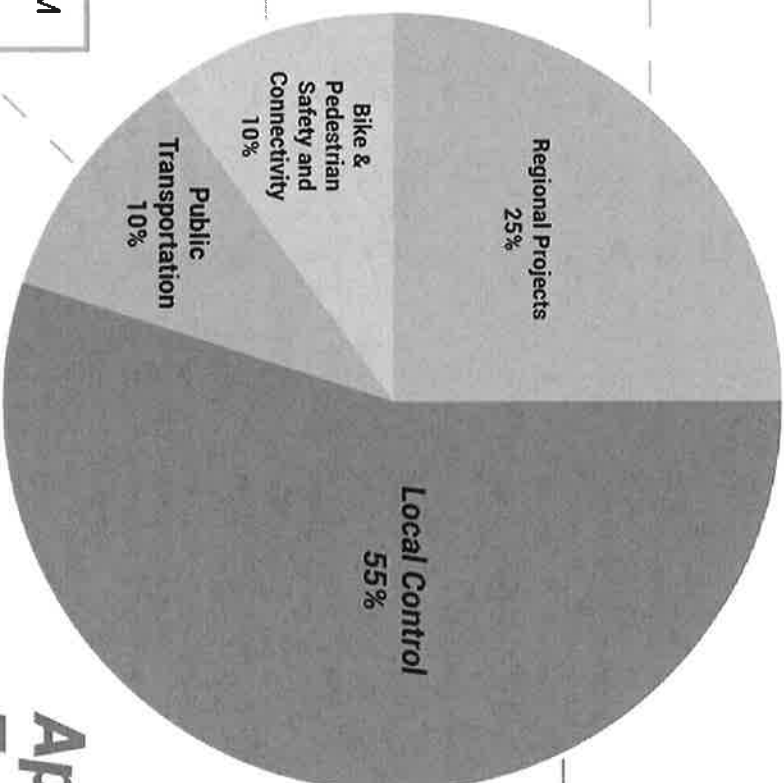
9-Year Proposed Investments: \$2225M

1% max in administrative costs off the top

South County	\$ 20.0 M
Central County	\$ 17.5 M
North County	\$ 17.5 M
North Coast	\$ 1.0 M
TOTAL	\$ 56.2 M

South County	\$ 5.625 M
Central County	\$ 5.625 M
North County	\$ 5.625 M
North Coast	\$ 5.625 M
TOTAL	\$ 22.5 M

Transit	\$ 13.5 M
Seniors, Veterans, Persons w/ Disabilities	\$ 6.75 M
Transportation Demand Management	\$ 2.25 M
TOTAL	\$ 22.5 M



Arroyo Grande	\$ 8.5 M
Atascadero	\$ 13.4 M
Grover Beach	\$ 6.8 M
Morro Bay	\$ 5.6 M
Paso Robles	\$ 13.9 M
Pismo Beach	\$ 4.5 M
San Luis Obispo	\$ 20.2 M
Unincorporated	\$ 50.9 M
TOTAL	\$123.8 M

**Approved by all
7 cities, County
Board of Supervisors
and SLOCOG**

THE PLAN: LOCAL CONTROL (7 CITIES)

LOCAL CONTROL CITY ALLOCATIONS, TOTAL \$72.9M	
ARROYO GRANDE, TOTAL \$8.5M	
Street maintenance and repair; Congestion relief and operational improvements: E. Branch/E. Grand area, Halcyon Corridor improvements; Operational and bike/pedestrian safety improvements at E. Branch/Crown Hill/Huasna	
ATASCADERO, TOTAL \$13.4M	
Street maintenance, repair and rehabilitation; Congestion management at key intersections; Bike/ Pedestrian safety improvements and connectivity	
GROVER BEACH, TOTAL \$6.8M	
Repair and maintenance of local major streets; Grand Avenue Enhancements; Sidewalk infill and accessibility improvements; Gateway entry and Wayfinding Signs; Grover Beach bike paths per Bike Master Plan	
MORRO BAY, TOTAL \$5.6M	
Local street reconstruction, rehabilitation and repair	
PASO ROBLES, TOTAL \$13.9M	
High-priority street repair, maintenance and reconstruction; Union Road and Golden Hill intersection improvements; other high-priority traffic and intersection improvements; congestion management	
PISMO BEACH, TOTAL \$4.5M	
Street maintenance and repair; Local interchange/intersections improvements; Boardwalk extension; Downtown, Shell Beach, and other streetscape and pedestrian improvements	
SAN LUIS OBISPO, TOTAL \$20.2M	
Roadway Repair & Maintenance: Madonna, Foothill, Los Osos Valley Road, Grand Ave, Broad Street Corridor Improvements; Bike and Pedestrian Improvements; Safe Routes to School projects	

THE PLAN: LOCAL CONTROL (COUNTY)

LOCAL CONTROL SLO COUNTY ALLOCATION, TOTAL \$50.9M

	Community Projects	Additional Maintenance Funding
AVILA BEACH	• Pedestrian and Parking Improvements	Plus additional maintenance funding of \$500,000
CAMBRIA	• Burton Drive Pedestrian Path	Plus additional maintenance funding of \$1,000,000
CAVUCOS	• Ocean Avenue Downtown Pedestrian Improvements	Plus additional maintenance funding of \$500,000
LOS OSOS	• Los Osos Valley Road Multi-Use Path • El Moro Avenue Path	Plus additional maintenance funding of \$2,500,000
NIPOMO	• Orchard-Tefft-Hazel Ped Improvements • Tefft Street Operational Interchange Improvements • Old Towne Nipomo Streetscape • Los Berros and Dale Ave left turn lane	Plus additional maintenance funding of \$3,000,000
OCEANO	• Front Street Enhancements • 17th Street Pedestrian Improvements	Plus additional maintenance funding of \$2,500,000
SAN MIGUEL	• Mission Street Sidewalk Improvements • Tenth Street Sidewalk Improvements	Plus additional maintenance funding of \$500,000
SANTA MARGARITA	• Safe Routes to School Pedestrian Path	Plus additional maintenance funding of \$500,000
SHANDON	• San Juan Creek Pedestrian Bridge and Pedestrian Path	Plus additional maintenance funding of \$500,000
TEMPLETON	• Theater Drive Bike Lanes • Florence St. sidewalks • Bethel/Vineyard signalization • Las Tablas Operational Interchange Improvements	Plus additional maintenance funding of \$1,000,000
ALL	• Regional roadways improvements, such as intersection improvements on Highway 227 and Los Ranchos	Plus additional maintenance funding of \$20,500,000

THE PLAN: HIGHWAYS & MAJOR ROADWAYS

- **\$20M South County:** Highway 101 Congestion Relief and Interchange Improvements
- **\$17.5M Central County:**
 - SR 227: Congestion Relief (\$8M)
 - Southern San Luis Obispo City: Traffic Operation Improvements (\$9.5M)
- **\$17.5M North County:** Highways 101 and 46E Congestion Relief projects (TBD)
- **\$1M North Coast:** Highway 1 Improvement (41/1/Main)



SLOCCOG

SAN LUIS OBISPO COUNCIL OF GOVERNMENTS

THE PLAN: BIKE & PEDESTRIANS

- **\$5.6M South County:** Highway 1 Bike/Ped improvements (Pismo to Oceano), Coastal Trail Boardwalk extension
- **\$5.6M Central County:** Bob Jones Trail
- **\$5.6M North County:** Atascadero/Templeton Connector, Main St. improvements, Theater Drive improvements, SR 41 improvements (101 to San Gabriel Road)
- **\$5.6M North Coast:** Coastal Trail (Morro Bay to Cayucos)

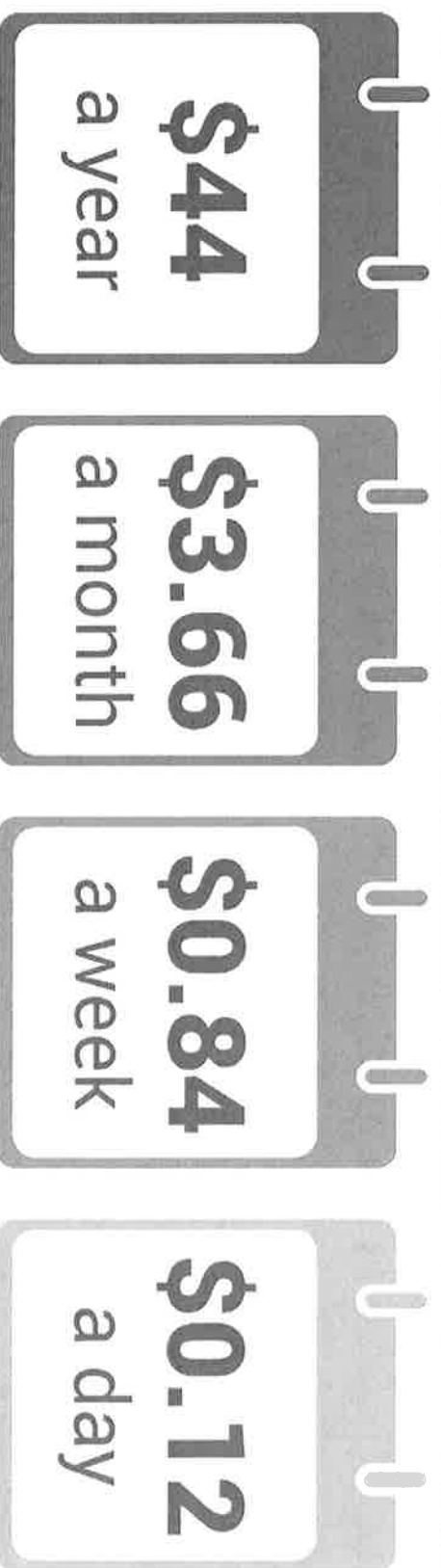
THE PLAN: PUBLIC TRANSPORTATION

- **6% Fixed Route** - System Preservation, Increased Services and Capital. Formula-based to 5 operators (hrs./riders/miles).
- **3% Mobility Improvements** - Seniors, Veterans, Persons with Disabilities. Includes \$\$ for Dial-a-Rides and Runabout.
- **1% Transportation Demand Management** - Includes first & last mile solutions, PNR lots

SAFEGUARDS

- Sunset Date
- Protected from State Raids (Prop 22)
- Annual Independent Audits and Reports
- Development Pays Fair Share
- 1% Administrative Expense Cap
- Maintenance of Effort
- Independent Taxpayer Oversight Committee

REAL COST TO LOCAL TAXPAYERS



Return on Investment



Source: a 2015 report to the FHWA from national research group TRIP found that for every \$1 spent on transportation, \$5.20 is returned back to the taxpayer when reduced vehicle maintenance costs, gas consumption, traffic delays/crashes and other ancillary benefits are considered.

TO LEARN MORE

www.selfhelpslo.org

SLOCOG

805-781-4219

www.slocog.org



SLCOOG

SAN LUIS OBISPO COUNCIL OF GOVERNMENTS

TO: BOARD OF DIRECTORS

FROM: MARIO E. IGLESIAS
GENERAL MANAGER



DATE: SEPTEMBER 9, 2016

AGENDA ITEM
C-2
SEPTEMBER 14, 2016

**DIRECTOR OF ENGINEERING AND OPERATIONS
SUMMARY OF ACTIVITIES**

ITEM

Engineering and Operations monthly report and update for Joshua Road Pump Station Reservoir, August 2016 Report [NO ACTION REQUESTED].

BACKGROUND

Director of Engineering and Operations, Peter Sevcik will overview his update (attached) and discuss recent activities at the JRPS Reservoir Project.

RECOMMENDATION

Staff recommends that your Honorable Board receive the update.

ATTACHMENTS

- A. Engineering and Operations Update for Joshua Road Pump Station Reservoir

September 14, 2016

ITEM C-2

ATTACHMENT A

Nipomo Community Services District



Supplemental Water Project Joshua Road Pump Station Reservoir Monthly Progress Report



Prepared By:
MNS Engineers, Inc.

August 2016

Schedule and Budget Summary

Schedule Summary

Notice to Proceed	April 25, 2016
Original Contract Days	270
Contract Days Added	0
Revised Contract Days	270
Elapsed Time (Days)	(123)
Remaining Time (Days)	147
Contract Completion Date	January 19, 2017
Time Elapsed to Date	45.6 %
Work Completed to Date	44.1%
Approved Change Orders (Days)	0 days

Budget Summary

Original Contract Amount	\$2,463,375.00
Approved Change Orders (Cost)	\$0.00
Revised Contract Amount	\$2,463,375.00
Previous Payments	\$635,620.00
Current Month Pay Request	\$450,540.00
Total Work Completed	\$1,086,160.00
Work Remaining	\$1,377,215.00

Progress Summary

Joshua Road Pump Station Reservoir

Summary of Work:

Pacific Hydrotech Corporation completed the reservoir slab pour and prepared the slab for the wall pours. They received forms for the reservoir walls and columns and assembled them, completing four wall pours out of the five required, and two column pours out of the four required. Monroy Steel was on site to assemble reinforcing for the walls and the columns. During the work, they also stabilized material below the 24-inch inlet pipe by using plywood and slurry.

Pictures:



Monroy Steel correcting clearances of reinforcing.



Monroy Steel correcting reinforcing clearances.



DN Tank inspectors reviewing reinforcing before concrete pour of tank slab.



PHC starting concrete pour of tank slab.



PHC pouring concrete for tank slab.



PHC pouring and finishing concrete for tank slab.



PHC pouring and finishing concrete for tank slab.



PHC pouring concrete for tank slab.



PHC pouring and finishing concrete for the tank slab.



PHC pouring footing around concrete slab for reservoir.



PHC completing finish work on reservoir slab concrete pour.



Sloped floor poured inside manhole.



PHC stripping the water stop template after the reservoir slab concrete pour.



PHC cleaning up the water stop and concrete slab after stripping the template.



PHC laying out water stop for wall construction joints.



Heat welding water stops.



PHC stripping forms from concrete slab pour.



Monroy Steel tying reinforcing for concrete columns inside reservoir.



PHC constructing forms for column bases.



PHC placing native material around the outside of the slab and the manhole after form stripping.



PHC stabilizing material underneath 24-inch inlet pipe.



PHC pouring slurry behind plywood and underneath 24-inch inlet pipe to provide a support for the pipe and stabilize material below pipe.



Patching joints at the manhole.



Wall and column forms being delivered to site.



PHC staging wall forms.



PHC starting assembly of reservoir wall forms.



PHC assembling reservoir wall forms.



PHC installing bearing pad for walls.



PHC assembling the forms for the reservoir walls.



PHC setting the interior wall forms for the first wall pour.



PHC assembling the wall interior wall forms for the first wall pour.



PHC assembling the wall forms for the first wall pour.



PHC tightening bolts to secure wall forms and installing wall planks.



Monroy Steel tying wall reinforcing for the first wall pour.



Moving wall reinforcing into place for the first wall pour.



Wall reinforcing tied off to seismic cables.



PHC installing the bulkheads and the water stop.



PHC moving exterior wall forms for the first wall pour into place.



PHC moving exterior wall forms into place for the first wall pour.



PHC setting exterior wall forms into place.



PHC starting first wall pour at ground level using windows in forms to place concrete.



First wall pour.



Concrete pump used for first wall pour.



PHC finishing first wall pour, vibrating concrete along the top of the wall.



PHC removing interior wall forms from first wall pour the following day and setting forms in place for the second wall pour 48 hours later.



PHC spraying curing compound after interior wall form is removed.



PHC setting interior wall forms for the second wall pour.



Placing reinforcement for the second wall pour.



Moving exterior forms into place for the second wall pour.



Concrete pump operator and PHC pouring second wall.



Second wall pour.



Removing form ties from the second wall pour the following day.



PHC removing wall forms from the second concrete pour.



Removing wall forms from the second wall pour and setting them into place for the third wall pour the following day.



PHC spraying curing compound on second wall pour when forms are removed.



PHC moving reinforcing into place for third wall pour.



PHC tying off seismic cables to reinforcing for third wall pour.



PHC installing water stop and bulkhead for third wall pour.



PHC performing third wall pour.



PHC pouring base for concrete columns.



PHC completing third wall pour.



PHC completing third wall pour.



Removing forms the day after the third wall pour and setting into place for the fourth wall pour.



PHC moving reinforcement into place for the fourth wall pour.



PHC securing the ends of the forms for the fourth wall pour.



PHC lowering column reinforcing to the reservoir slab.



Assembling column forms.



Reinforcing installed inside column form.



Setting column forms and reinforcing into place.



PHC setting column forms and reinforcing into place on column base.



PHC performing fourth wall pour.



PHC pouring columns during fourth wall pour.