

Memorandum

To: CHAIR AND COMMISSIONERS
CALIFORNIA TRANSPORTATION COMMISSION

CTC Meeting: March 5, 2013

Reference No.: 2.5f.
Information Item

From: NORMA ORTEGA
Chief Financial Officer

Prepared by: Steven Keck
Division Chief
Budgets

Subject: **INFORMATIONAL REPORTS – DELEGATED ALLOCATIONS**
EMERGENCY G-11, SHOPP G-03-10 SAFETY, AND MINOR G-05-05

SUMMARY:

Since the period reported at the last California Transportation Commission (Commission) meeting, the California Department of Transportation (Department) allocated or sub-allocated:

- \$32,952,000 for 19 emergency construction projects, pursuant to the authority granted under Resolution G-11 (2.5f.(1)).
- \$5,570,000 for four safety projects, pursuant to the authority granted under Resolution G-03-10(2.5f.(3)).
- \$5,442,000 for eight State Highway Operation and Protection Program (SHOPP) Minor A projects, pursuant to the authority granted under Resolution G-05-05 (2.5f.(4)).

As of January 29, 2011, the Department has allocated or sub-allocated the following for Fiscal Year (FY) 2011-12:

- \$55,175,000 for 43 emergency construction projects.
- \$32,182,000 for 17 safety delegated projects.
- \$14,888,000 for 22 SHOPP Minor A projects.

BACKGROUND:

The Commission, by Resolution G-11, as amended by Resolution G-00-11, delegated to the Department authority to allocate funds to correct certain situations caused by floods, slides, earthquakes, material failures, slip outs, unusual accidents or other similar events.

This authority is operative whenever such an event:

1. Places people or property in jeopardy.
2. Causes or threatens to cause closure of transportation access necessary for:
 - a. Emergency assistance efforts.
 - b. The effective functioning of an area's services, commerce, manufacture or agriculture.
 - c. Persons in the area to reach their homes or employment.

3. Causes either an excessive increase in transportation congestion or delay, or an excessive increase in the necessary distances traveled.

Resolution G-11 authorizes the Department to allocate funds for follow-up restoration projects associated with, and that immediately follow an emergency condition response project. Resolution G-11 also requires the Department to notify the Commission, at their next meeting, whenever such an emergency allocation has been made.

On March 30, 1994, the Commission delegated to the Department authority to allocate funds under Resolution G-11, as amended by Resolution G-00-11, for seismic retrofit projects. This authority allows the Department to begin work without waiting for the next Commission meeting to receive an allocation.

On March 28, 2001, the Commission approved Resolution G-01-10, as amended by Resolution G-03-10, delegating to the Department authority to allocate funds for SHOPP safety and pavement rehabilitation projects. This authority allows the Department to begin work without waiting for the next Commission meeting to receive an allocation.

Resolution G-05-05 authorizes the Department to sub-allocate funds for Minor projects. At the June 2011 meeting, the funding and project listing for the FY 2011-12 Lump Sum Minor Construction Program was approved by the Commission under Resolution FM-10-05.

The SHOPP, as approved by the Commission, is a four-year program of projects with the total annual proposed expenditures limited to the biennial Commission-approved Fund Estimate. The Commission, subject to monthly reporting and briefings, has delegated to the Department the authority to amend programmed projects, the authority to allocate funds for safety projects, and the authority to allocate funds to emergency projects. The Department uses prudent business practices to manage the combination of individual project cost increases and savings to meet Commission policies.

In all cases, the delegated authority allows the Department to begin work without waiting for the next Commission meeting to receive an allocation.

The Department has complied with the National Environmental Policy Act and the California Environmental Quality Act requirements in preparing these projects.

Attachment

2.5 Highway Financial Matters

| Project# Amount County Dist-Co-Rte Postmile | Location Project Description Allocation History | PPNO Program/Year Project ID Adv. Phase EA | Budget Year Item # Fund Type Program Code | Amount by Fund Type |
|---|--|--|--|------------------------|
| 2.5f. Informational Report – Emergency G-11 Allocations (2.5f.(1)) | | | | |
| 1 \$500,000 Del Norte 01-DN-101 21.8 | Near Crescent City at 0.9 mile south of Hamilton Road. Heavy rain in late November 2012 caused a landslide at this location that covered and closed the northbound lane of traffic. The slope remained unstable with debris and trees continuing to fall on the roadway. This project is to remove and dispose of slide debris, stabilize the slope, repair the roadway surface, place erosion control measures, and provide traffic control as necessary. Initial G-11 Allocation 12/05/12: \$500,000 (Additional \$10,000 was allocated for right of way purposes). | 01-1096 SHOPP/12-13 0113000052 4 0C7804 Emergency | 2011-12 302-0042 SHA 20.20.201.130 | \$500,000 |
| 2 \$500,000 Del Norte 01-DN-197 R2.1 | Near Crescent City, at 2.1 miles north of Route 199. Heavy rain in late November 2012 caused a sinkhole to appear at this location. A damaged culvert underneath the highway caused water to undermine the roadway fill from the exterior of the culvert. Because of heavy flow, fish passage issues, and permitting agency requirements such as creek diversion, replacement of the culvert is not possible at this time and interim repairs are necessary until a permanent restoration project can be delivered. This project is to fill the voids outside the culvert with concrete, replace fill on exterior of the culvert, provide traffic control, and repair the roadway. Initial G-11 Allocation 01/14/13: \$500,000 (Additional \$10,000 was allocated for right of way purposes). | 01-1097 SHOPP/12-13 0113000059 4 0C8004 Emergency | 2011-12 302-0042 SHA 20.20.201.130 | \$500,000 |
| 3 \$400,000 Humboldt 01-Hum-36 22.0 | Near Bridgeville, at 2 miles west of Van Duzen River Bridge. Heavy rain in late November 2012 resulted in heavy stream flows and reoccurring landslide at this location. The slide plugged a concrete box culvert and completely covered the roadway on December 2. This project is to remove and dispose of slide material from the inlet and outlet of the plugged culvert, Install I-Beams at culvert inlet to prevent further plugging, repair roadway surface, reconstruct damaged metal beam guardrail and slopes, place erosion control measures, and conduct traffic control as necessary. Initial G-11 Allocation 12/10/12: \$400,000 (Additional \$10,000 was allocated for right of way purposes). | 01-2371 SHOPP/12-13 0113000055 4 0C7904 Emergency | 2011-12 302-0042 SHA 20.20.201.130 | \$400,000 |
| 4 \$400,000 Humboldt 01-Hum-96 7.9 | Near Hoopa, north of Sugar Bowl Ranch Road. On November 23, 2012, a landslide occurred at this location closing both lanes of traffic. The initial allocation was to remove and dispose of slide debris, remove unstable rocks and stabilize the slope, repair the roadway surface, place erosion control measures, and provide traffic control as necessary. Continued wet weather however caused an increase in the size of the slide area. This supplemental is necessary due to the increase in the scope of damage and the need to add a rock fall barrier at the toe of the slope to safely open the highway to two-way traffic. Initial G-11 Allocation 11/28/12: \$500,000 Supplemental G-11 Allocation 12/20/12: \$400,000 Revised Allocation: \$900,000 (Additional \$10,000 was allocated for right of way purposes). | 01-2370 SHOPP/12-13 0113000051 4 0C7704 Emergency | 2011-12 302-0042 SHA 20.20.201.130 | \$400,000 |

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| 2.5f. Informational Report – Emergency G-11 Allocations (2.5f.(1)) | | | | |
| 5 \$850,000 Mendocino 01-Men-162 1.7 | Near Dos Rios, at 1 mile north of Outlet Creek Bridge. Heavy rain in late December 2012 washed out this two-lane roadway at this location. The roadway was closed in both directions. A blocked 60-inch culvert along with heavy stream flows caused the washout. The initial allocation was to replace the damaged culvert, reconstruct the roadway and roadway surface, place rock slope protection and erosion control, and provide traffic control as necessary. The supplemental allocation is necessary due to weather delays preventing contract work in the creek while the costs of traffic control were being incurred. Initial G-11 Allocation 01/04/13: \$750,000 Supplemental G-11 Allocation 01/22/13: \$100,000 Revised Allocation: \$850,000 (Additional \$10,000 was allocated for right of way purposes). | 01-4581 SHOPP/12-13 0113000063 4 0C8204 Emergency | 2011-12 302-0042 SHA 20.20.201.130 | \$850,000 |
| 6 \$350,000 Plumas 02-Plu-70 12.8/16.5 | In and near Belden, from 0.8 mile west of Chipps Creek to North Fork River Bridge. The Chips fire that began on July 29, 2012 burned along the north side of Route 70 at this location. Initial allocation was to remove debris, rocks, and burnt trees on the steep slope above the highway that have the potential of clogging drainage culverts. Heavy rain in late November and December 2012 caused two creeks to overtop the roadway and an overflowing channel threatened the structural stability of a roadway bridge. This supplemental allocation is to remove debris and creek excessive bedload to ensure flow capacity is adequate for future storms. Initial G-11 Allocation 10/19/12: \$443,000 Supplemental G-11 Allocation 12/20/12: \$350,000 Revised Allocation: \$793,000 | 02-3525 SHOPP/12-13 0213000042 4 4F8404 Emergency | 2011-12 302-0042 SHA 20.20.201.130 | \$350,000 |
| 7 \$487,000 Shasta 02-Sha-5 32.7/36.5 | Near Shasta Lake City, from 1.6 miles north of O'Brien Undercrossing to 0.3 miles south of Gilman Road Overcrossing. On August 1, 2012 and on September 21, 2012 the Salt Creek fire and the Coal fire broke out in this area of Shasta County and burned along both sides of the highway damaging four drainage culverts. The initial allocation was to replace the damaged culverts; remove, chip and scatter between 550 and 600 burnt trees with trunks greater than 10-inch diameter; and place erosion control measures where necessary. This supplemental allocation is due to weather work delays and additional effort required to maintain traffic and protect the highway from additional damage caused by heavy rain in November and December 2012. Initial G-11 Allocation 09/18/12: \$ 990,000 Supplemental G-11 Allocation 01/15/13: \$ 487,000 Revised Allocation: \$1,477,000 | 02-3521 SHOPP/12-13 0213000024 4F7504 Emergency | 2011-12 302-0042 SHA 20.20.201.130 | \$487,000 |
| 8 \$425,000 Shasta 02-Sha-299 19.0 | Near Redding, at Middle Creek Road. Heavy rain in late November 2012 caused major damage to a drainage system consisting of two 72-inch culverts. The soil around the culverts was washed away creating a void around the culverts and leaving the roadway unsupported. This project is to replace the two damaged culverts, place rock slope protection on both ends of the new culverts, repair the roadway and provide traffic control as necessary. Initial G-11 Allocation 12/06/12: \$425,000 | 02-3531 SHOPP/12-13 0213000059 4 4G0104 Emergency | 2011-12 302-0042 SHA 20.20.201.130 | \$425,000 |

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| 2.5f. Informational Report – Emergency G-11 Allocations (2.5f.(1)) | | | | |
| 9 \$1,300,000 Shasta 02-Sha-299 55.8/58.3 | Near Burney, from 0.3 mile west to 0.8 mile east of Woodhill Drive, also at 0.4 mile east of Fenders Road. Severe storms in late November 2012 caused the roadway slopes at this location to fail. This project is to remove and replace approximately 5000 cubic yards of wet soil with rock slope protection (RSP), improve drainage, and conduct traffic control as necessary. Initial G-11 Allocation 12/10/12: \$1,300,000 (Additional \$15,000 was allocated for right of way purposes). | 02-3532 SHOPP/12-13 0213000061 4 4G0204 Emergency | 2011-12 302-0042 SHA 20.20.201.130 | \$1,300,000 |
| 10 \$840,000 Nevada 03-Nev-49 11.6 | Near Grass Valley, south of Wellswood Way. Heavy rain in late November 2012 caused a roadway embankment failure at this location and resulted in the closure of the northbound lane. The initial allocation was to repair a damaged drainage pipe, fill a void under the roadway with 100 cubic yards of imported material, reconstruct the roadway and guardrail, and provide full time traffic control during construction. The supplemental funds are necessary due to unanticipated difficulties during construction. Large boulders were encountered causing the need to revise the shoring plan, additional grouting was needed to fill remaining voids, change in the lining of the existing culvert was necessary due to the culvert condition and misalignment, and delays due to inclement weather during construction. Initial G-11 Allocation 12/06/12: \$440,000 Supplemental G-11 Allocation 01/09/13: \$400,000 Revised Allocation: \$840,000 | 03-4121 SHOPP/12-13 0313000160 4 3F7304 Emergency | 2011-12 302-0042 SHA 20.20.201.130 | \$840,000 |
| 11 \$4,000,000 Alameda 04-Ala-Var Var | In Alameda County on Routes 24, 80, 84, 92, 580 and 880. Failed traffic operation systems due to copper wire theft, vandalism, communication software and hardware failures prevented the collection of traffic data needed for operational efficiency and motorist information systems such as ramp metering, changeable message signs, and weather and travel time information. This project is necessary to repair damaged facilities at 76 locations including wiring, cabinets, and pull boxes. The work also requires incorporating wire theft deterrent measures such as welding covers shut, placing concrete covers over pull boxes or other measures as necessary. Initial G-11 Allocation 01/15/13: \$4,000,000 | 04-0058H SHOPP/12-13 0413000239 4 4H6504 Emergency | 2011-12 302-0042 SHA 20.20.201.130 | \$4,000,000 |
| 12 \$5,000,000 Contra Costa 04-CC-Var Var | In Contra Costa County on Routes 4, 24, 80, 242, and 680. Failed traffic operation systems due to copper wire theft, vandalism, communication software, and hardware failures prevented the collection of traffic data needed for operational efficiency and motorist information systems such as ramp metering, changeable message signs, and weather and travel time information. This project is necessary to repair damaged facilities at 96 locations including wiring, cabinets, and pull boxes. The work also requires incorporating wire theft deterrent measures such as welding covers shut, placing concrete covers over pull boxes or other measures as necessary. Initial G-11 Allocation 01/16/13: \$5,000,000 | 04-0075Q SHOPP/12-13 0413000241 4 4H6704 Emergency | 2011-12 302-0042 SHA 20.20.201.130 | \$5,000,000 |

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| 2.5f. Informational Report – Emergency G-11 Allocations (2.5f.(1)) | | | | |
| 13 \$3,500,000 Santa Clara 04-SCI-Var Var | In Santa Clara County on Routes 17, 85, 87, 101, 237, 280, 680, and 880. Failed traffic operation systems due to copper wire theft, vandalism, and communication software and hardware failures prevented the collection of traffic data needed for operational efficiency including motorist information systems such as ramp metering, changeable message signs, and weather and travel time information. This project is necessary to repair damaged facilities at 66 locations including wiring, cabinets, and pull boxes. The work also requires incorporating wire theft deterrent measures such as welding covers shut, placing concrete covers over pull boxes or other measures as necessary. Initial G-11 Allocation 01/16/13: \$3,500,000 | 04-0449Q SHOPP/12-13 0413000240 4 4H6604 Emergency | 2011-12 302-0042 SHA 20.20.201.130 | \$3,500,000 |
| 14 \$3,000,000 San Mateo 04-SM-Var Var | In San Mateo and San Francisco counties on Routes 1, 80, 101, and 280. Failed traffic operation systems due to copper wire theft, vandalism, and communication software and hardware failures prevented the collection of traffic data needed for operational efficiency including motorist information systems such as ramp metering, changeable message signs, and weather and travel time information. This project is necessary to repair damaged facilities at 56 locations including wiring, cabinets, and pull boxes. The work also requires incorporating wire theft deterrent measures such as welding covers shut, placing concrete covers over pull boxes or other measures as necessary. Initial G-11 Allocation 01/16/13: \$3,000,000 | 04-1067Q SHOPP/12-13 0413000242 4 4H6804 Emergency | 2011-12 302-0042 SHA 20.20.201.130 | \$3,000,000 |
| 15 \$4,700,000 Sonoma 04-Son-1 31.9 | At Fort Ross, 1.1 miles south of Fort Ross Road. Heavy rain in early December 2012 caused a slipout at this location. The slipout undermined the highway southbound lane causing total highway closure. A signalization system was installed (EA: 04-4H6304) to provide access and services to the Fort Ross community as an interim measure. This project is to construct a soldier pile retaining wall and install rock slope protection as a permanent restoration to this roadway failure before additional rainfall cause the damage to expand and result in total highway loss. Initial G-11 Allocation 01/15/13: \$4,700,000 (Additional \$1,000,000 was allocated for right of way purposes). | 04-0753S SHOPP/12-13 0413000215 4 4H6004 Emergency | 2011-12 302-0042 SHA 20.20.201.130 | \$4,700,000 |
| 16 \$500,000 Sonoma 04-Son-1 31.9 | At Fort Ross, 1.1 miles south of Fort Ross Road. Heavy rain in early December 2012 caused a slipout at this location. The slipout undermined the highway southbound lane causing total highway closure. This project is to install one-way traffic signalization system to provide access and services to the Fort Ross community which is impacted by the highway closure. The signalization system will serve as an interim measure until a separate project (EA: 04-4H6004) to construct a soldier pile wall and rock slope protection (RSP) can be implemented. Initial G-11 Allocation 01/03/13: \$500,000 | 04-0753U SHOPP/12-13 0413000233 4 4H6304 Emergency | 2011-12 302-0042 SHA 20.20.201.130 | \$500,000 |

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| 2.5f. Informational Report – Emergency G-11 Allocations (2.5f.(1)) | | | | |
| 17 \$4,000,000 Marin 04-Mrn-Var Var | In Marin, Napa, Solano, and Sonoma counties on various routes. Failed traffic operation systems due to copper wire theft, vandalism, and communication software and hardware failures prevented the collection of traffic data needed for operational efficiency including motorist information systems such as ramp metering, changeable message signs, and weather and travel time information. This project is necessary to repair damaged facilities at 76 locations including wiring, cabinets, and pull boxes. The work also requires incorporating wire theft deterrent measures such as welding covers shut, placing concrete covers over pull boxes or other measures as necessary. Initial G-11 Allocation 01/16/13: \$4,000,000 | 04-0371Z SHOPP/12-13 0413000243 4 4H6904 Emergency | 2011-12 302-0042 SHA 20.20.201.130 | \$4,000,000 |
| 18 \$1,500,000 Alameda 04-Ala-Var Var | In Alameda, Contra Costa, Marin, Santa Clara, San Francisco, San Mateo, Sonoma, and Solano counties on various routes at various locations. Failed traffic operation systems due to copper wire theft, vandalism, communication software and hardware failures at various locations is preventing the collection of traffic data needed for traffic operational efficiency including motorist information systems such as ramp metering, changeable message signs, and weather and travel time information. This project is necessary to repair damaged facilities at 281 locations including wireless detection system components such as solar panels and batteries, repeaters, and modems. Initial G-11 Allocation 01/16/13: \$1,500,000 | 04-0108H SHOPP/12-13 0413000250 4 4H7404 Emergency | 2011-12 302-0042 SHA 20.20.201.130 | \$1,500,000 |
| 19 \$700,000 Monterey 05-Mon-1 38.5 | Near Big Sur, at 0.1 mile south of Partington Ridge Road. Heavy rain in late December 2012 caused a landslide to occur at this location above the highway. Landslide material including 6 to 17-ton rocks buried Partington Ridge Road and spilled onto the highway blocking access to residents and travelers. This project is to remove loose rocks on the slope, remove slide material, and repair damaged roadway and metal beam guardrail. Initial G-11 Allocation 01/04/13: \$700,000 (Additional \$20,000 was allocated for right of way purposes). | 05-2412 SHOPP/12-13 0512000182 4 1C6204 Emergency | 2011-12 302-0042 SHA 20.20.201.130 | \$700,000 |

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|--|---|---|--|------------------------|
| Informational Report – SHOPP Safety-Resolution G-03-10 Delegated Allocations (2.5f.(3)) | | | | |
| 1 \$860,000 Trinity 02-Tri-36 30.4/30.7 | Near Forest Glen, from 1.7 to 2.1 miles east of Route 3. <u>Outcome/Output:</u> Increase horizontal curve radius, widen shoulders, and improve super-elevation to improve roadway geometrics, increase sight distance and increase clear recovery zone to reduce the number and severity of collisions. Allocation date: 01/29/2013 | 02-3439 SHOPP/12-13 \$960,000 0200020148 4 3E7104 | 2011-12 302-0042 SHA 302-0890 FTF 20.20.201.010 | \$86,000 \$774,000 |
| 2 \$1,000,000 El Dorado 03-ED-49 3.7/3.9 | Near Nashville, from 0.4 mile of Union Mine Road to Mica Street. <u>Outcome/Output:</u> Replace compound curve with single radius curve, widen shoulders, improve super-elevation to improve roadway geometrics and increase sight distance to reduce the number of run-off-road collisions. Allocation date: 01/24/2013 | 03-3119 SHOPP/12-13 \$1,495,000 0300000711 4 4E5904 | 2011-12 302-0042 SHA 302-0890 FTF 20.20.201.010 | \$20,000 \$980,000 |

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| Informational Report – SHOPP Safety-Resolution G-03-10 Delegated Allocations (2.5f.(3)) | | | | |
| 3 \$3,163,000 Riverside 08-Riv-10 44.7/50.3 | Near Thousand Palms, from Monterey Avenue to Washington Street. <u>Outcome/Output:</u> Construct outer separation concrete barrier to reduce the number and severity of traffic collisions. Additional contributions: \$500,000 from local sources. Allocation date: 01/07/2013 | 08-0015M SHOPP/12-13 \$3,570,000 0800020211 4 0Q1104 | 2011-12 302-0042 SHA 302-0890 FTF 20.20.201.010 | \$63,000 \$3,100,000 |
| 4 \$547,000 Merced 10-Mer-5 8.9/9.7 | Near Los Banos, from the Ortigalita Creek Bridge to the Arburua Road Overcrossing. <u>Outcome/Output:</u> Construct 0.9 centerline mile of median double thrie-beam barrier to reduce the number and severity of cross median collisions. Allocation date: 01/31/2013 | 10-0347 SHOPP/12-13 \$654,000 1000020343 4 0U5004 | 2011-12 302-0042 SHA 302-0890 FTF 20.20.201.010 | \$11,000 \$536,000 |

| # | Dist | County | Route | Postmiles | Location/Description | EA | Program Code | Original Est. FM-09-06 | Allocation |
|--|------|--------|-------|-------------|--|--------|--------------|------------------------|------------|
| 2.5f. Informational Report – Minor Construction Program – Resolution G-05-05 Delegated Allocations (2.5f.(4)) | | | | | | | | | |
| 1 | 02 | Sha | 44 | R21.0/R21.4 | Widen shoulders and install eastbound and westbound left turn lanes. | 4E5204 | 201.310 | \$555,000 | \$571,000 |
| 2 | 02 | Sis | 96 | 68.7/69.1 | Widen shoulders and install metal beam guardrail. | 3E0804 | 201.150 | \$730,000 | \$650,000 |
| 3 | 03 | Pla | 80 | 4.1/R19.5 | Replace and install overhead signs, exit signs and curve warning signs at various locations. | 3F2404 | 201.170 | \$950,000 | \$910,000 |
| 4 | 03 | Pla | 89 | T8.6/10.9 | Construct approximately 32 drainage inlets, install 2,000 feet of storm drainage system, and re-grade 460 feet of offsite ditches. | 3F420 | 201.335 | \$1,000,000 | \$881,000 |
| 5 | 05 | SB | 101 | 12.9/R14.0 | Replace median planting between Garden Street and De La Vina Street with more durable, low maintenance varieties and rehabilitate irrigation system. | 1C4304 | 201.210 | \$500,000 | \$496,000 |
| 6 | 05 | SB | 101 | 72.7/75.0 | Widen shoulder, install rumble strip, remove trees from the median, plant oak trees outside the clear recovery zone, and modify drainage systems. | 1A3004 | 201.120 | \$995,000 | \$815,000 |
| 7 | 08 | SBd | 5712 | | Install a Compressed Natural Gas (CNG) fueling station at the Magana-Ortega Maintenance Station. | 0M0204 | 201.352 | \$540,000 | \$612,000 |
| 8 | 10 | Cal | 4 | 32.2 | Widen shoulder and turnout, construct embankment slope, relocate underground telephone and overhead power facilities, and plant species common to the geographic region. | 0K6304 | 201.310 | \$450,000 | \$507,000 |