Beaverhead-Deerlodge Planning Area Evaluation

DRAFT

Beaverhead Deerlodge National Forest (BDNF)

BDWG Meeting

AJCC-Anaconda, MT

February 5, 2020

Anton Brennick
Chip Fisher
Over-arching Objectives

• Go over three levels of framework
  – Strategic (30,000’ level)-> 5-years out (5-10 years; refreshed annually)
  – Tactical (20,000’ level)-> 5 year plan (generally, years 3 to 5, “portfolio diversity”)
  – Operational (10,000’-terminal level)-> 5 year plan (generally, years 1 to 3)

  – Edge-match/discuss CFLRP-ERG spatial exercise w/SEA’s (refreshed VMAP process)
  – Go over Integrated Restoration Strategy (IRS-Draft-phase); BDNF & BDWG-CFLRP
  – Informal, open-discussion, Q&A’s during presentation
  – What else does BDWG want to discuss?
  – Next steps?
• Developed under Northern Region Out-Year Planning Framework (version 3 – version 4 is coming out soon)
• Currently at Strategic Planning Level
• Fourteen Draft Planning Areas Evaluated based on Focus Area Indicator Spatial Products and Forest Criteria
• Assessed at Two Scales: Planning Area and Timber Coarse Filter:
  Suitable/NotSuitTimberOk, Slope < 45%, Within ½ mile of road, Outside of IRA and Outside of SMZ
First draft evaluation complete for timber
Need to develop fire coarse filter criteria and complete assessment
Decide if add/drop watersheds in planning areas
Decide if planning areas are clipped to AdminBnd
Regional office runs timber and fuel target curves
Work with POD to complete strategic planning
# The Current Framework – Version 3

## Planning Levels

<table>
<thead>
<tr>
<th>Planning Level</th>
<th>Description</th>
<th>When</th>
<th>Workflow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Strategic</td>
<td>Out-Years (~7/6/5)</td>
<td>Shared Regional/Pod Workflow</td>
<td></td>
</tr>
<tr>
<td>Tactical</td>
<td>Mid-Years (~5/4/3)</td>
<td>Shared Pod/Unit Workflow with Regionally Supported Tools</td>
<td></td>
</tr>
<tr>
<td>Operational</td>
<td>In-Years (~3/2/1)</td>
<td>Unit Workflow to meet specific Unit needs and requirements</td>
<td></td>
</tr>
</tbody>
</table>

## Strategic Process

1. Create Focus Area Indicator (FAI) Spatial Products Across Each Pod
2. Summarize FAIs to Areas of Interest (e.g., Landscapes, Planning Areas, etc.)
3. Coarse Filter Analysis to Elicit Areas of Opportunity from resource Need
4. Enter/Edit Planning & Project Areas into OYP Project Tracking Database

## Tactical Process

5. Deploy Regionally Supported Mid-level Planning and Analysis Tools
6. NFMA Analysis for Forest Plan Desired Conditions

## Operational Process

7. EADM & NEPA; Effects Analysis, Design Criteria, and Project Implementation
Focus Area Indicators - Simplified

- Infrastructure
- Municipal Watersheds
- Corporate Timber Lands

- WUI

Fire Risk Extent

- Wildfire Hazard Potential
- Population Density

Fire Risk Value

- Insect Hazard Rating
- Root Disease (Not East Pod)

Vegetation Resistance

- Merch. Volume (CuFt)
- Distance to Existing Road

Timber Economic
## Planning Area Summary

<table>
<thead>
<tr>
<th>PLANNING_AREA</th>
<th>ZONE_PRIORITY</th>
<th>TOTAL_AC</th>
<th>FS_AC</th>
<th>STATE_AC</th>
<th>BLM_AC</th>
<th>COARSEFILT1_AC</th>
<th>VOLUME MMBF</th>
</tr>
</thead>
<tbody>
<tr>
<td>UpperLittleWhiteTail</td>
<td>N1</td>
<td>66637</td>
<td>56492</td>
<td>0</td>
<td>925</td>
<td>10303</td>
<td>4.0</td>
</tr>
<tr>
<td>ULWT2</td>
<td>N1</td>
<td>71097</td>
<td>70051</td>
<td>7</td>
<td>35</td>
<td>12651</td>
<td>5.7</td>
</tr>
<tr>
<td>NorthPioneers</td>
<td>N2</td>
<td>205747</td>
<td>126911</td>
<td>8406</td>
<td>16365</td>
<td>13280</td>
<td>15.7</td>
</tr>
<tr>
<td>GeorgetownLake</td>
<td>N3</td>
<td>75618</td>
<td>53220</td>
<td>364</td>
<td>64</td>
<td>26912</td>
<td>29.0</td>
</tr>
<tr>
<td>ElkhornsPrickleyMuskrat</td>
<td>N4</td>
<td>79447</td>
<td>31535</td>
<td>5302</td>
<td>11424</td>
<td>13831</td>
<td>4.6</td>
</tr>
<tr>
<td>HarveyCreek</td>
<td>N5</td>
<td>26877</td>
<td>20255</td>
<td>304</td>
<td>107</td>
<td>4044</td>
<td>2.7</td>
</tr>
<tr>
<td>Maxville</td>
<td>N6</td>
<td>30958</td>
<td>28275</td>
<td>91</td>
<td>441</td>
<td>12685</td>
<td>11.6</td>
</tr>
<tr>
<td>Basin</td>
<td>N7</td>
<td>49424</td>
<td>42996</td>
<td>0</td>
<td>1794</td>
<td>22369</td>
<td>13.1</td>
</tr>
<tr>
<td>NorthButte</td>
<td>N8</td>
<td>48886</td>
<td>22493</td>
<td>621</td>
<td>0</td>
<td>14430</td>
<td>9.5</td>
</tr>
<tr>
<td>Highlands2</td>
<td>N9</td>
<td>150663</td>
<td>63102</td>
<td>5432</td>
<td>4020</td>
<td>19311</td>
<td>12.8</td>
</tr>
<tr>
<td>SouthTabaccoRoots</td>
<td>S1</td>
<td>202509</td>
<td>78093</td>
<td>6082</td>
<td>31542</td>
<td>16815</td>
<td>13.9</td>
</tr>
<tr>
<td>Grasshopper</td>
<td>S2</td>
<td>155216</td>
<td>93312</td>
<td>8493</td>
<td>3955</td>
<td>13670</td>
<td>15.7</td>
</tr>
<tr>
<td>WestBigHoleFace</td>
<td>S3</td>
<td>220907</td>
<td>122588</td>
<td>14342</td>
<td>5103</td>
<td>16840</td>
<td>15.4</td>
</tr>
<tr>
<td>HoganCabinTrailCreek</td>
<td>S4</td>
<td>25600</td>
<td>25384</td>
<td>0</td>
<td>0</td>
<td>10413</td>
<td>10.0</td>
</tr>
<tr>
<td>Lemhi</td>
<td>S5</td>
<td>175236</td>
<td>63975</td>
<td>21090</td>
<td>48825</td>
<td>4294</td>
<td>4.9</td>
</tr>
</tbody>
</table>
Upper Little White Tail 1 – August Area

- Three watersheds: 66,600 Ac
- North Zone Priority: 1
- FS: 56,000 Ac
- State: 0 Ac
- BLM: 925 Ac
- Timber Coarse Filter: 10,300 Ac
- Comm. Volume: 25 MMBF
- FAI Veg-Fire Rank: 11/14-5/14
- FAI Veg Score/Ac: 8.4
- FAI Econ Score/Ac: 3.5
- FAI Fire Score/Ac: 12.3
Upper Little White Tail 2 – June Area

- Three-ish watersheds 71,700 Ac
- North Zone Priority 1
- FS 70,000 Ac
- State 0 Ac
- BLM 0 Ac
- Timber Coarse Filter 12,600 Ac
- Comm. Volume 40 MMBF
- FAI Veg-Fire Rank 10/14-10/14
- FAI Veg Score/Ac 9.3
- FAI Econ Score/Ac 3.7
- FAI Fire Score/Ac 6.4
South Tobacco Roots

- Nine watersheds: 202,500 Ac
- South Zone Priority: 1
- FS: 78,100 Ac
- State: 6,100 Ac
- BLM: 31,500 Ac
- Timber Coarse Filter: 16,800 Ac
- Comm. Volume: 90 MMBF
- FAI Veg-Fire Rank: 5/14-8/14
- FAI Veg Score/Ac: 8.0
- FAI Econ Score/Ac: 4.4
- FAI Fire Score/Ac: 6.2
North Pioneers

- Ten watersheds 205,700 Ac
- North Zone Priority 2
- FS 127,000 Ac
- State 8,400 Ac
- BLM 1,600 Ac
- Timber Coarse Filter 13,300 Ac
- Comm. Volume 15.7 MMBF
- FAI Veg-Fire Rank 4/14-9/14
- FAI Veg Score/Ac 11.3
- FAI Econ Score/Ac 4.6
- FAI Fire Score/Ac 6.9
Georgetown Lake

- Five watersheds: 75,600 Ac
- North Zone Priority: 3
- FS: 53,000 Ac
- State: 300 Ac
- BLM: 60 Ac
- Timber Coarse Filter: 26,900 Ac
- Comm. Volume: 112 MMBF
- FAI Veg-Fire Rank: 1/14-2/14
- FAI Veg Score/Ac: 9.4
- FAI Econ Score/Ac: 4.0
- FAI Fire Score/Ac: 9.6
Elkhorns Prickley Muskrat – Cross Forest Project

- Three watersheds: 79,400 Ac
- North Zone Priority: 4
- FS: 31,500 Ac
- State: 5,300 Ac
- BLM: 11,400 Ac
- Timber Coarse Filter: 13,800 Ac
- Comm. Volume: 44 MMBF
- FAI Veg-Fire Rank: 13/14-6/14
- FAI Veg Score/Ac: 4.8
- FAI Econ Score/Ac: 2.5
- FAI Fire Score/Ac: 9.1
Harvey Creek

- One watershed: 26,800 Ac
- North Zone Priority: 5
- FS: 20,200 Ac
- State: 300 Ac
- BLM: 100 Ac
- Timber Coarse Filter: 4,000 Ac
- Comm. Volume: 21 MMBF
- FAI Veg-Fire Rank: 14/14-14/14
- FAI Veg Score/Ac: 8.3
- FAI Econ Score/Ac: 3.9
- FAI Fire Score/Ac: 3.2
Maxville

- Two watersheds 30,900 Ac
- North Zone Priority 6
- FS 28,200 Ac
- State 100 Ac
- BLM 440 Ac
- Timber Coarse Filter 12,700 Ac
- Comm. Volume 89 MMBF
- FAI Veg-Fire Rank 9/14-7/14
- FAI Veg Score/Ac 9.9
- FAI Econ Score/Ac 4.3
- FAI Fire Score/Ac 8.6
• Two watersheds 49,400 Ac
• North Zone Priority 7
• FS 43,000 Ac
• State 0 Ac
• BLM 1,800 Ac
• Timber Coarse Filter 22,400 Ac
• Comm. Volume 78 MMBF
• FAI Veg-Fire Rank 7/14-3/14
• FAI Veg Score/Ac 5.8
• FAI Econ Score/Ac 3.5
• FAI Fire Score/Ac 11.5
North Butte

- Three watersheds 48,900 Ac
- North Zone Priority 8
- FS 22,400 Ac
- State 600 Ac
- BLM 0 Ac
- Timber Coarse Filter 14,400 Ac
- Comm. Volume 62 MMBF
- FAI Veg-Fire Rank 8/14-4/14
- FAI Veg Score/Ac 8.8
- FAI Econ Score/Ac 3.8
- FAI Fire Score/Ac 11.6
Highlands 2

- Five watersheds: 150,600 Ac
- North Zone Priority: 9
- FS: 63,100 Ac
- State: 5,400 Ac
- BLM: 4,000 Ac
- Timber Coarse Filter: 19,300 Ac
- Comm. Volume: 81 MMBF
- FAI Veg-Fire Rank: 2/14-1/14
- FAI Veg Score/Ac: 11.2
- FAI Econ Score/Ac: 4.2
- FAI Fire Score/Ac: 13.5
- Six watersheds 155,200 Ac
- South Zone Priority 2
- FS 93,300 Ac
- State 8,500 Ac
- BLM 4,000 Ac
- Timber Coarse Filter 13,600 Ac
- Comm. Volume 129 MMBF
- FAI Veg-Fire Rank 6/14-13/14
- FAI Veg Score/Ac 9.7
- FAI Econ Score/Ac 3.8
- FAI Fire Score/Ac 5.3
West Big Hole Face

- Nine watersheds 220,900 Ac
- South Zone Priority 3
- FS 122,500 Ac
- State 14,300 Ac
- BLM 5,100 Ac
- Timber Coarse Filter 16,800 Ac
- Comm. Volume 113 MMBF
- FAI Veg-Fire Rank 3/14-12/14
- FAI Veg Score/Ac 9.1
- FAI Econ Score/Ac 3.1
- FAI Fire Score/Ac 4.4
Hogan Cabin – Trail Creek

- One watershed 25,600 Ac
- South Zone Priority 4
- FS 25,300 Ac
- State 0 Ac
- BLM 0 Ac
- Timber Coarse Filter 10,400 Ac
- Comm. Volume 66 MMBF
- FAI Veg-Fire Rank 12/14-11/14
- FAI Veg Score/Ac 7.1
- FAI Econ Score/Ac 2.9
- FAI Fire Score/Ac 7.7
Lemhi

- Ten watersheds: 175,200 Ac
- South Zone Priority: 5
- FS: 63,900 Ac
- State: 21,000 Ac
- BLM: 48,800 Ac
- Timber Coarse Filter: 4,300 Ac
- Comm. Volume: 38 MMBF
- FAI Veg-Fire Rank: 14/14-14/14
- FAI Veg Score/Ac: 10.6
- FAI Econ Score/Ac: 3.7
- FAI Fire Score/Ac: 0.8
CFLRP/ERG Restoration Strategy
Questions?

Contact Information
Anton Brennick
anton.brennick@usda.gov
(406) 494-0269
Chip Fisher
chip.fisher@usda.gov
(406) 777-7444