

Florin Perkins Materials Recovery Facility

Proposal to Increase Processing and Recycling Capability



Agenda

- Current Operations
- Proposed Changes
- Benefits
- Environmental Impact Review Findings
- Q&A



Current Operations

- 500 Ton Per Day Operation (TPD). Currently accepting 375 TPD.
 - Space Constraints (2.5 acres of 10-Acre footprint)
- MRF Sorting Operations with 40 Ton Per Hour Capability
 - Mixed Waste Streams: C&D and Mixed Residential/Commercial Debris
 - Single Waste Streams: Wood, Brush, Sheetrock, Concrete, Carpet, etc.
 - No Hazardous or Putrescible Waste Accepted
- Facility Diversion Rate of Over 75%
 - Third Party Certified Facility (by Recycling Certification Institute)

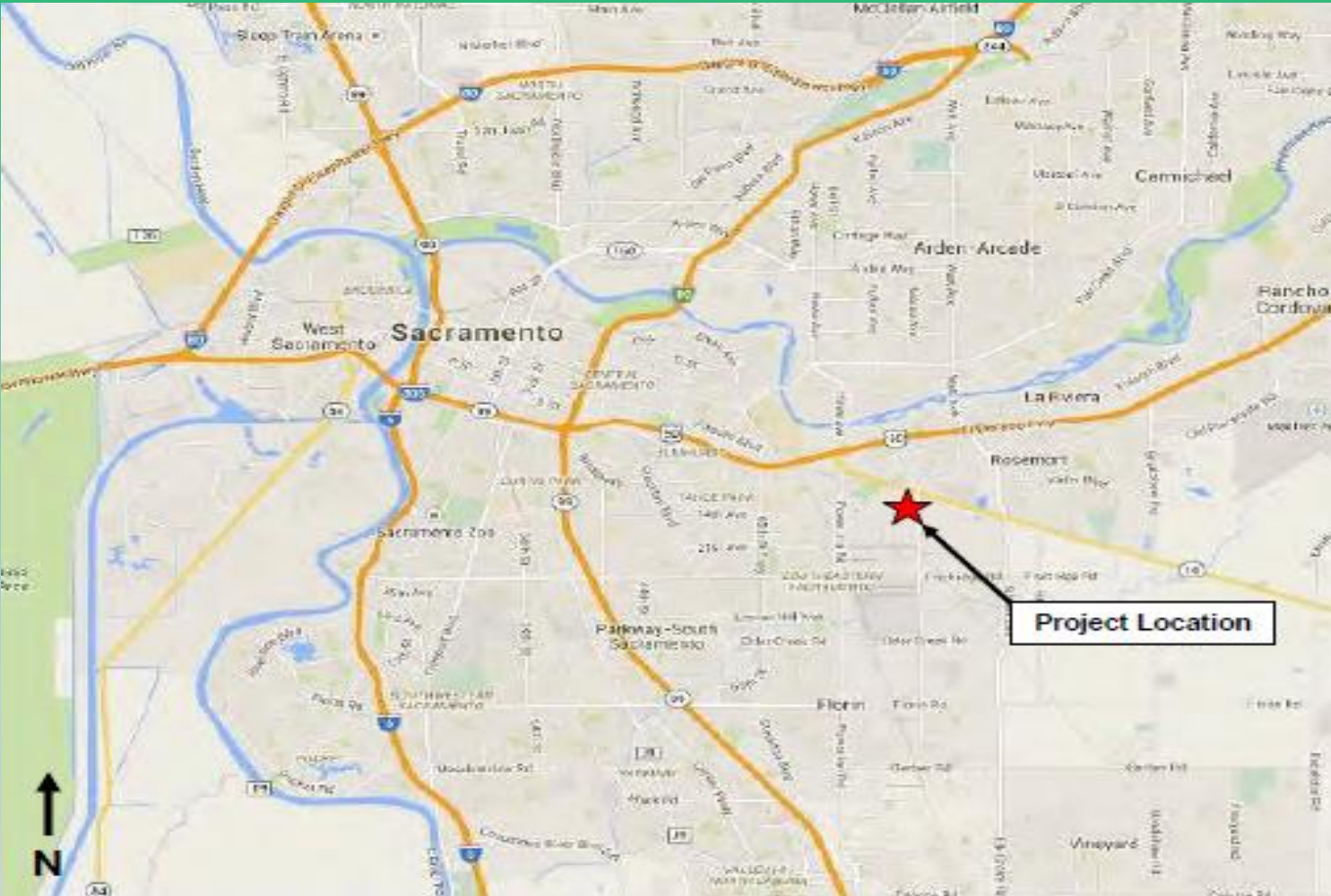


Proposed Changes

- 1000 TPD maximum allowed tonnage
 - 500 TPD Mixed Debris. 500 TPD Inert Material
- Wood Grinding Capability
 - Further Process Material to Increase Marketability in a Challenging Market
 - Reduce outbound wood traffic by 38%
- Concrete/Asphalt Crushing Capability
 - Further Process Material to Send to Market
- Composition Roofing Processing (optional)
- Materials Sales Yard
- New Office Structure



Site Location



Footprints



Footprints (cont'd)

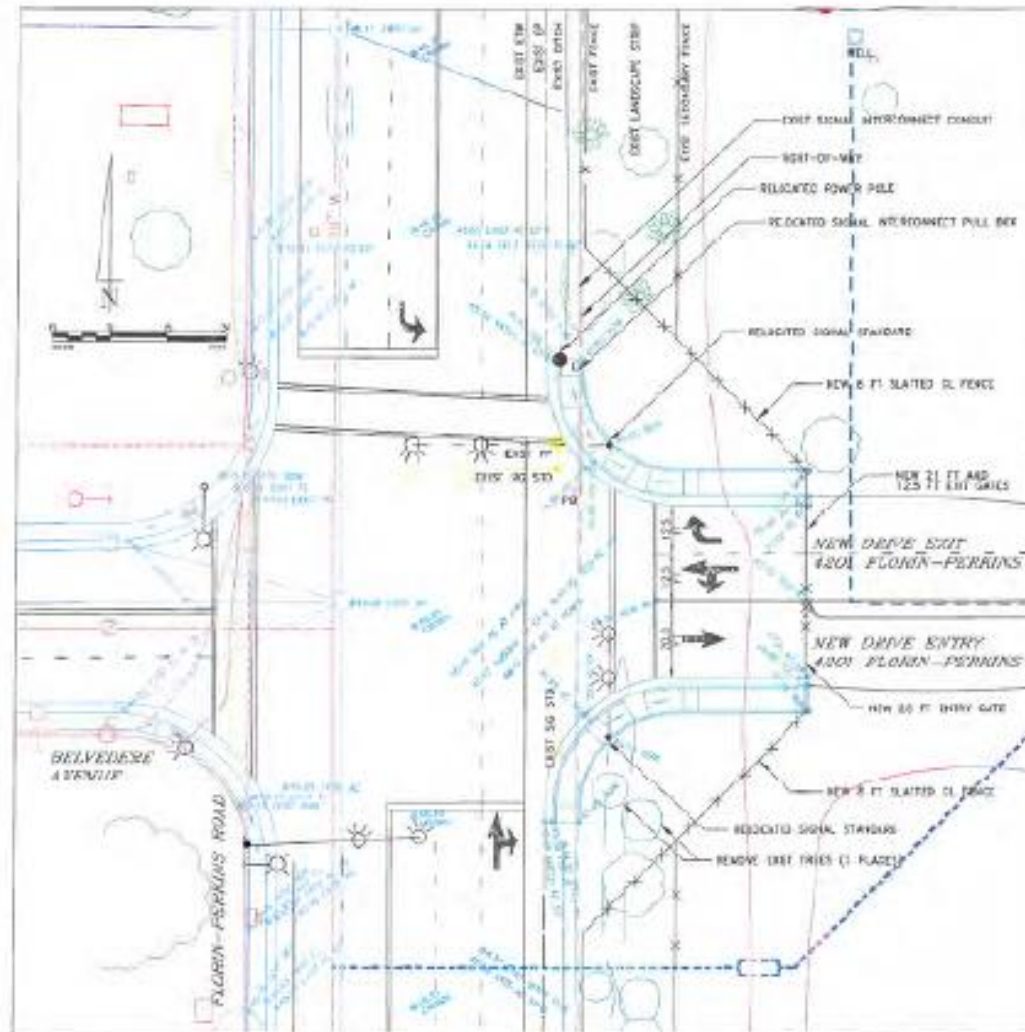


Site Improvements

- New Site Entrance
- Tree-lined Berm along Eastern and Southern Boundaries
- Perimeter Fence Improvements
- Electrical Upgrade
- New Office Structure



Belvedere Ave and Florin Perkins Road Intersection Improvements

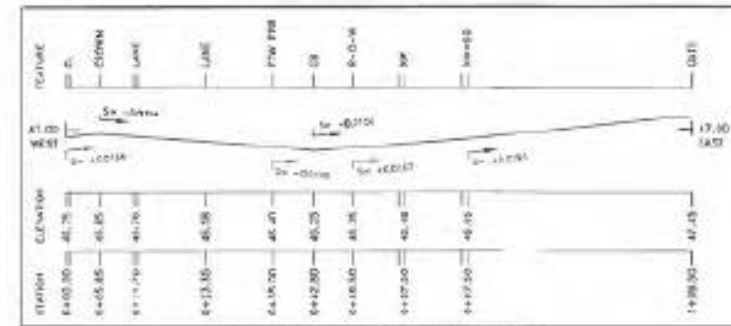


BASE TOPOGRAPHY REFERENCE AND NOTES:

RUBEN AERIAL SURVEYS, PHOTO DATE 12-13-2001. VERTICAL DATUM: NAD 83, 3 FOOT CONTOUR INTERVAL. (RUBEN) VERTICAL DATUM HAS BEEN ADJUSTED FROM NAVD 83 TO CITY BN DATUM USING THE CITY BN NO. 318-F2. LOCAL NAVD 83 ADJUSTMENT HAS BEEN DETERMINED BY TOM MORROW SURVEY, INC. TO BE -2.5 FEET, BASED UPON THE CITY BN NO. 318-F2 (SE CORNER 2300 AVE AND FLORIN-PERKINS ROAD) AND IDENTICAL TO THE SACRAMENTO COUNTY BN NO. 121-35 (SVC & CS BN 3855). LOCATED 275 FEET ESE OF THE INTERSECTION OF FLORIN-PERKINS ROAD AND JACKSON HIGHWAY. VERTICAL ADJUSTMENT HAS BEEN ROUNDED TO -2.55 FEET FOR CLARITY OF PRESENTATION.

CIVIL ENGINEER'S GENERAL NOTES:

- BECAUSE OF THE METHODS AS WERE APPLIED TO THE BASE TOPOGRAPHY SOURCE WITH OPTICAL PROCESSING OF NON-STANDARD HARD COPY MEDIA, THE 2005 AERIAL TOPOGRAPHY SERVICES FROM RUBEN AERIAL SURVEYS PROGRAMMATIC DOES NOT MEET NATIONAL MAPPING ACCURACY STANDARDS. ONLY ON-SITE TOPOGRAPHY AND FEATURES, AND CERTAIN FEATURES OF THE INTERSECTION MARKERS/POINTS DEPICTED HEREIN WHICH ARE TO BE BELIEVED OR INDICATED CONCORDANT WITH THE WORK HEREUNDER, OR WHICH DO NOT SUBSTANTIALLY EFFECT THE WORK HEREUNDER, HAVE BEEN SOURCED FROM THE 2005 PHOTOGRAMMETRIC SURVEY DATA. SEE CIVIL ENGINEER'S NOTE 4) BELOW.
- SOME INTERSECTION FEATURES AND SOME VERTICAL DATA OF EXISTING STATIC FEATURES HAVE BEEN SOURCED FROM CITY OF SACRAMENTO IMPROVEMENT PLANS DATED 01-1988 FOR THE FLORIN-PERKINS ROAD AND BELVEDERE AVENUE INTERSECTION RECONSTRUCTION AND RELATED IMPROVEMENTS (CITY PROJECT NO. S-1-88). THESE PLANS INCLUDE CITY BN NO. 318-F2 (ELEV 15.418 FT), LOCATED ON THE WEST SIDE OF FLORIN-PERKINS ROAD, 30 FEET SOUTH OF THE RAIL SPUR CROSSING. CITY BN 318-F2 IS AN EXACT 56 TO CITY BN 318-F1. ONE BENCHMARK (STAKED FOR VERTICAL CONTROL) IN THESE PLANS. VERIFY THIS VERTICAL CONTROL, THE BENCHMARK (STAKED FOR VERTICAL CONTROL) IN THESE PLANS. VERIFY THIS VERTICAL CONTROL, AND REPORT ANY VERTICAL DISCREPANCY GREATER THAN +/- 0.001 FEET TO THE DESIGN ENGINEER WHO'S SEAL APPEARS HEREON.
- HORIZONTAL CONTROL FOR INTERSECTION DESIGN AS INDICATED HAVE BEEN TIED TO GEODAS SURVEY BY TOM MORROW SURVEY, INC. (06-0000), AND MEETS NATIONAL MAPPING STANDARDS ACCURACY, TO THE EXTENT THAT THE SURVEY (CONDUCTED FOR RAILROAD AND DETERMINATION) MEETS THE SAME ACCURACY STANDARDS. RIGHT-OF-WAY AND PARCEL LINES, AS DEPICTED HEREON, ARE SOURCED FROM THE APRIL 2003 ORLAND SURVEY BY TOM MORROW, INC.
- VERIFY ALL ELEMENTS OF INTERSECTION CIVIL DESIGN THROUGH LAUNCH SURVEY PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION. REPORT ANY DISCREPANCY BETWEEN RIGHT-OF-WAY ALIGNMENT, AS WELL AS CURB RETURN DESIGN, AND ANY OTHER CONTRACT CONDITIONS THAT MAY BE DISCOVERED DURING LAUNCH SURVEY, OR AS MAY BE DISCOVERED DISCREPANCY IN THE FIELD, TO THE DESIGN ENGINEER WHO'S SEAL APPEARS HEREON.
- THESE PLANS ARE TO BE USED ONLY BY THE PARTY FOR WHOM THEY WERE PREPARED, AND ONLY FOR THE EXPRESS PURPOSE FOR WHICH THEY WERE PREPARED. ANY USE OF THESE PLANS FOR ANY OTHER PURPOSES, AND/OR BY ANY OTHER PARTY, SHALL BE AT SUCH PARTY'S SOLE AND EXCLUSIVE RISK IN RELIANCE UPON THE DESIGN AND DATA DEPICTED HEREON, AND/OR IN THE DATA CONTENT OF ELECTRONIC COPIES, OR OTHER ELECTRONIC DATA FORM OF THE SAME.
- SEE SEPARATE PLANS SET FOR DRIVEWAY, PAVEMENT, GUT, AND ALL OTHER IMPROVEMENTS OUTSIDE OF THE RIGHT-OF-WAY OF FLORIN-PERKINS ROAD (SEPARATE SUBMITTAL AND SEPARATE PERMITS). THESE FEATURES ARE DEPICTED HEREON FOR INFORMATIONAL AND CONTEXTUAL PURPOSES ONLY.



<table border="1"> <thead> <tr> <th>REVISIONS</th> <th>DATE</th> <th>BY</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	REVISIONS	DATE	BY				BENCH MARK (DATA) 41.88 BENCHMARK SET BY SD 100-124 SET AND SURVEYED BY JEFF MANN AT SE CORNER JACKSON ROAD AND JACKSON AVENUE	SDI NO. 0411 DRAWN BY: JLB DATE: 08-18-08	CITY OF SACRAMENTO DEVELOPMENT SERVICES DEPARTMENT DESIGNED BY: J. JERRY BERGMAN R.T.C. No. 4514, DATE: 08-18-08 CHECKED BY: J. JERRY BERGMAN L.O.S. No. 45563, DATE: 08-18-08	IMPROVEMENT PLANS FOR FLORIN PERKINS/ BELVEDERE INTERSECTION: 4TH LEG INTERSECTION CIVIL DETAIL	SHEET C2 OF 2 X SHEETS
REVISIONS	DATE	BY									



Existing View from the Northeast Corner of Property Looking Southwest Towards Site



Site Area



Existing View from the Northeast Corner of Property Looking Southwest Towards Site with Berm and Landscaping



Site Area



Existing View from the Northeast Corner of Property Looking Southwest Towards Site with Berm, Landscaping, and Fencing Improvements.



Site Area



Existing View from the Southwest Corner of the Property Looking Northeast Towards Site



Site Area



Existing View from the Southwest Corner of the Property Looking Northeast Towards Site with Berm and Landscaping



Existing View from the Southwest Corner of the Property Looking Northeast Towards Site with Berm, Landscaping, and Fencing Improvements



Site Area



Benefits

- Increased recycling of construction, demolition and other solid wastes
 - Good for Planet Earth and Compliance with California's AB 341
- Job Creation (10+ additional positions)
- Increased Availability of Recycled Materials for Purchase vs. Virgin Materials
- GHG Emissions Reduction
 - Producing finished product onsite minimizes additional transport.



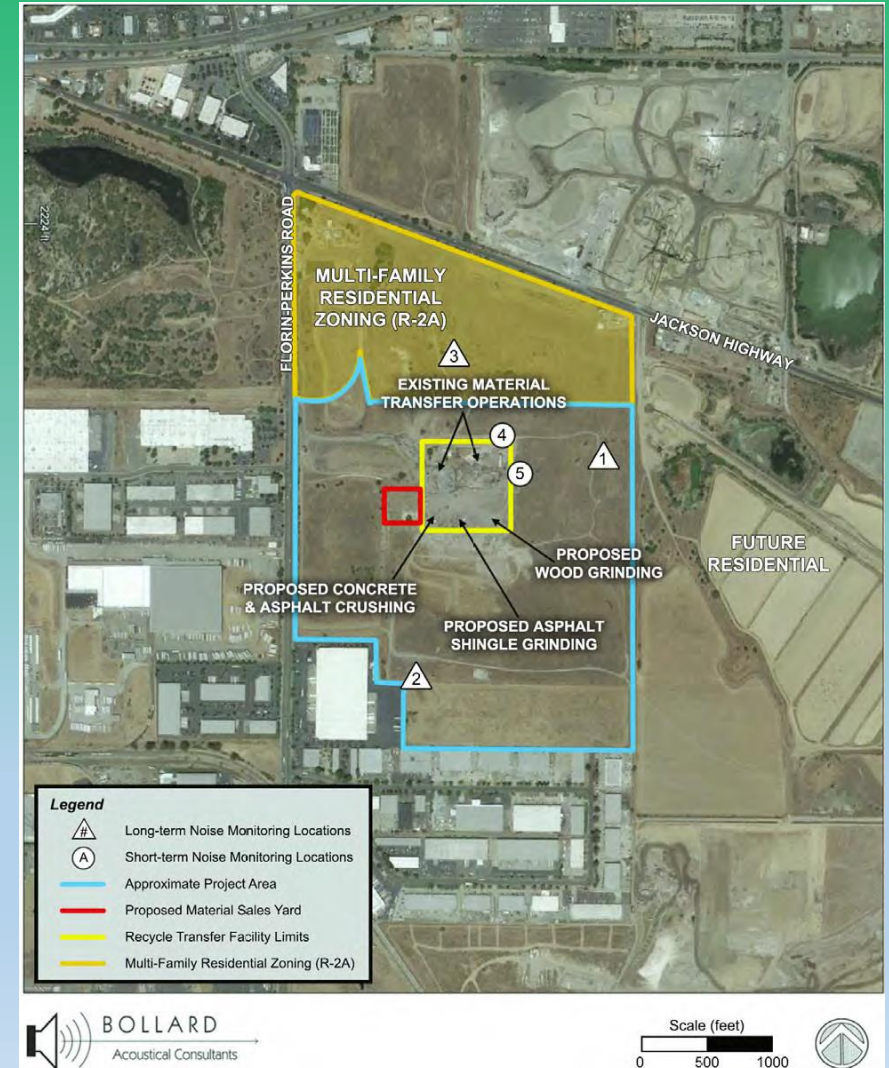
Environmental Impact Review Findings

- All environmental factors are mitigated to pose less than or no significant environmental effect.
- The following items are included in the mitigation monitoring plan:
 - Noise
 - Biological Resources
 - Cultural Resources



Noise

- Potential for nighttime exceedance of noise levels along northern parcel.
 - Between 6am and 7am.
 - Additional survey to be conducted upon issue of first occupancy permit.
 - Modified hours on processing.
 - Additional source-specific noise control measures.



Cultural/Biological Resources

- Additional studies to be conducted prior to development outside 10-Acre footprint.
- Highly Disturbed Site
 - Former Quarry (20+ feet below street level)
 - Former Inert Landfill Operation
 - Currently Undergoing Landfill Closure
 - 10-Year Process
 - Ongoing Site Maintenance



Project Support

Support from the Sacramento
Environmental Commission would be
greatly appreciated!!!



Questions & Answers

I can be contact with any questions:

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