

SCHEMATIC DESIGN PLANS & DETAILS NOT FOR CONSTRUCTION

# CALIFORNIA DEPARTMENT OF GENERAL SERVICES



SHEET NO.



PROJECT E.I.P. # 560

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# TITLE SHEET

REVISIONS

# description

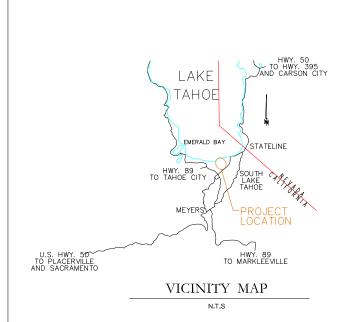
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CALIFORNIA TAHOE CONSERVANCY

# UPPER TRUCKEE RIVER AND MARSH RESTORATION PROJECT





LOCATION MAP SOUTH LAKE TAHOE, EL DORADO COUNTY, CA SCALE 1" = 1000'



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#### **GENERAL NOTES**

- ALL IMPROVEMENTS SHALL BE ACCOMPLISHED UNDER THE APPROVAL, INSPECTION, AND TO THE SATISFACTION OF THE CALIFORNIA DEPARTMENT OF GENERAL SERVICES (DGS). IMPROVEMENT CONSTRUCTION SHALL COMPLY WITH THESE PLANS AND THE 2010 CALTRANS STANDARD PLANS FOR CONSTRUCTION OF LOCAL STREETS AND ROADS, UNLESS NOTED OTHERWISE. ALL REFERENCES TO THE "STANDARD SPECIFICATIONS" SHALL MEAN THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD SPECIFICATIONS FOR CONSTRUCTION OF LOCAL STREETS AND ROADS, 2010, INCLUDING THE AMENDMENTS TO THE 2010 STANDARD SPECIFICATIONS. CONSTRUCTION NOT SPECIFIED ON THESE PLANS OR IN SPECIFIC CITY OF SOUTH LAKE TAHOE (CSLT) ORDINANCES SHALL CONFORM TO THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS. THE CONTRACTOR IS OBLIGATED TO BE FAMILIAR WITH APPLICABLE SECTIONS OF THE STANDARD SPECIFICATIONS NOT DISCUSSED IN THE GENERAL NOTES. THE CONTRACT SPECIAL PROVISIONS SHALL SUPERSEDE THOSE OF THE STANDARD SPECIFICATIONS WHERE DISCREPANCIES OCCUR.
- 2. CONSTRUCTION HOURS SHALL BE WEEKDAYS BETWEEN 8:00 A.M. AND 6:30 P.M. UNLESS PRIOR APPROVAL IS RECEIVED FROM THE DGS.
- 3. THE LOCATIONS AND EXTENT OF EXISTING UNDERGROUND UTILITIES IN THE WORK AREA AS SHOWN ARE APPROXIMATE AND ARE NOT NECESSARILY COMPLETE. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE EXISTING UTILITIES BASED UPON AVAILABLE RECORDS. THE CONTRACTOR SHALL DETERMINE THE TYPE, LOCATION, SIZE, AND/OR DEPTH OF THE EXISTING UTILITIES WITHIN THE WORK AREA BEFORE COMMENCING WORK. THE CONTRACTOR OR ANY SUBCONTRACTOR FOR THIS CONTRACT SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT AT (800) 227-2600 AT LEAST 48 HOURS PRIOR TO ANY CONSTRUCTION. SEE SPECIAL PROVISIONS FOR CONTRACTOR NOTIFICATION REQUIREMENTS. THE CONTRACTOR SHALL ASSUME COMPLETE RESPONSIBILITY FOR DAMAGED UTILITIES.
- 4. UNLESS NOTED OTHERWISE ON THE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING SURVEY MONUMENTS AND OTHER SURVEY MARKERS DURING CONSTRUCTION.
- 5. THE CONTRACTOR SHALL PROVIDE, PLACE, AND MAINTAIN ALL LIGHTS, SIGNS, BARRICADES, FLAG PERSONS, PILOT CAR, OR OTHER DEVICES NECESSARY TO CONTROL TRAFFIC THROUGH THE CONSTRUCTION AREA AND FOR PUBLIC SAFETY IN ACCORDANCE WITH THESE PLANS, THE STANDARD SPECIFICATIONS, FEDERAL HIGHWAY ADMINISTRATION (FHWA) MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) 2009 EDITION AND MUTCD 2012 CALIFORNIA SUPPLEMENT.
- 6. THE CONTRACTOR AGREES TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, AND FURTHER AGREES THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS IN ACCORDANCE WITH THE PROVISIONS OUTLINED BY THE PROJECT CONTRACT AND STANDARD SPECIFICATIONS.
- 7. THERE SHALL BE NO GRADING OR LAND DISTURBANCE PERFORMED WITH RESPECT TO THE PROJECT BETWEEN OCTOBER 15 AND MAY 1 UNLESS A GRADING EXEMPTION IS OBTAINED FROM THE TAHOE REGIONAL PLANNING AGENCY (TRPA). APPROVALS FOR GRADING BETWEEN OCTOBER 15 AND MAY 1 MUST ALSO BE OBTAINED FROM THE REGIONAL WATER QUALITY CONTROL BOARD, LAHONTAN. IF REQUIRED, THE COUNTY SHALL OBTAIN THESE APPROVALS.
- 8. THE CONTRACTOR SHALL MAINTAIN A SET OF PLANS ON THE JOB SHOWING "AS-CONSTRUCTED" CHANGES MADE TO DATE. UPON COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL SUPPLY TO THE AGENCIES A SET OF PLANS, MARKED UP TO THE SATISFACTION OF THE AGENCIES, REFLECTING THE AS-CONSTRUCTED MODIFICATIONS.
- ALL CONTROL STATIONING AND DATA DIMENSIONING ARE REFERENCED TO THE CENTERLINE OF THE FACILITY SHOWN UNLESS OTHERWISE NOTED.
- 10. AT NO TIME SHALL THE CONTRACTOR UNDERTAKE TO CLOSE OFF ANY EXISTING UTILITY LINES OR OPEN VALVES OR TAKE ANY OTHER ACTION WHICH WOULD AFFECT THE OPERATION OF EXISTING WATER OR SEWER SYSTEMS WITHOUT PRIOR APPROVAL FROM THE SOUTH TAHOE PUBLIC UTILITY DISTRICT (STPUD). APPROVAL SHALL BE REQUESTED AT LEAST 48 HOURS IN ADVANCE OF THE TIME THAT THE INTERRUPTION OF THE EXISTING SYSTEM IS REQUIRED, ANY INTERRUPTION OF SERVICE TO ACTIVE WATER OR SEWER SERVICES, INCLUDING FIRE HYDRANTS, WHETHER INTENTIONAL OR NOT, MUST BE KEPT TO A MINIMUM TIME PERIOD. IF SERVICE TO BUILDINGS IS TO BE OFF FOR MORE THAN FOUR HOURS, THE CONTRACTOR MUST ADVISE STPUD.
- 11. THE CONTRACTOR SHALL BE REQUIRED TO PERFORM PREVENTIVE DUST CONTROL MEASURES TO ENSURE THAT DUST RESULTING FROM THE CONTRACTOR'S PERFORMANCE OF THE WORK IS CONTROLLED IN CONFORMANCE WITH THE SPECIAL PROVISIONS, THE PROVISIONS THE STANDARD SPECIFICATIONS, COUNTY, AND LOCAL ORDINANCES. SEE SPECIAL PROVISIONS REGARDING SWEEPING, DUST CONTROL AND TRACKING REQUIREMENTS.
- 12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING ALL TEMPORARY EROSION CONTROL MEASURES. THE EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE TRPA "HANDBOOK OF BEST MANAGEMENT PRACTICES" AND THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP). THE DOT SHALL CONTACT TRPA PRIOR TO THE COMMENCEMENT OF WORK FOR A PRE-GRADING INSPECTION OF THE INSTALLED TEMPORARY EROSION CONTROL FACILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE AND PERFORMANCE OF THE TEMPORARY EROSION CONTROL MEASURES THROUGHOUT THE DURATION OF THE PROJECT. SEE SPECIAL PROVISIONS REGARDING TEMPORARY EROSION CONTROL FACILITY PEMOVAL
- 13. CONSTRUCTION LIMITS SHOWN ON THE PLANS DELINEATE BOUNDARIES FOR THE CONTRACTOR'S OPERATIONS OUTSIDE THE COUNTY STREET RIGHT-OF-WAY. CONSTRUCTION LIMIT FENCING SHALL BE ERECTED ALONG THESE BOUNDARIES PRIOR TO COMMENCEMENT OF CONSTRUCTION. WITHIN THE CONSTRUCTION LIMITS, EXISTING VEGETATION SHALL BE PROTECTED TO THE EXTENT FEASIBLE. ALL EXISTING TREES SHALL BE PROTECTED UNLESS SHOWN ON THE PLANS TO BE REMOVED. SEE SPECIAL PROVISIONS REGARDING PAYMENT FOR TREE REMOVAL.
- 14. ALL REVEGETATION SHOWN ON THE PLANS IS TO BE COMPLETED BY OTHERS, UNLESS NOTED OTHERWISE.
- 15. THE CONTRACTOR SHALL USE ONLY DESIGNATED SPECIFIC SITES FOR STORAGE OF EQUIPMENT AND MATERIALS AS SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SECURITY OF ALL EQUIPMENT AND MATERIALS.
- 16. IT IS THE RESPONSIBILITY OF THE CONTRACTOR AND HIS SUBCONTRACTOR(S) TO EXAMINE THE PROJECT SITE PRIOR TO THE OPENING OF BID PROPOSALS. THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED, SUCH AS THE NATURE AND LOCATION OF THE WORK AND THE GENERAL AND LOCAL CONDITIONS, PARTICULARLY THOSE AFFECTING THE AVAILABILITY OF TRANSPORTATION, THE DISPOSAL, HANDLING, AND STORAGE OF MATERIALS, AVAILABILITY OF LABOR, WATER, ELECTRICITY, ROADS, THE UNCERTAINTIES OF WEATHER, THE CONDITIONS OF THE GROUND, SURFACE AND SUBSURFACE MATERIALS, THE EQUIPMENT AND FACILITIES NEEDED PRIMARILY FOR AND DURING THE PERFORMANCE OF THE WORK, AND THE COSTS THEREOF. ANY FAILURE BY THE CONTRACTOR AND SUBCONTRACTOR(S) TO ACQUAINT HIMSELF WITH ALL THE AVAILABLE INFORMATION WILL NOT RELIEVE HIM FROM RESPONSIBILITY FOR PROPERLY ESTIMATING THE DIFFICULTY AND COST OF SUCCESSFULLY DEPENDING THE WORK.

- 17. ELEVATIONS SHOWN ON THE PLANS FOR PIPE INVERTS, TOPS OF GRATES, RIMS, CURBS, ETC., ARE BASED UPON THE TOPOGRAPHIC INFORMATION SHOWN ON THE PLANS. THE CONTRACTOR SHALL VERIFY ALL NECESSARY SURFACE ELEVATIONS IN THE FIELD AND NOTIFY THE DGS OF ANY DISCREPANCIES, WHICH MIGHT AFFECT PROPER OPERATION OF THE NEW FACILITIES BEFORE BREAKING GROUND AND PRIOR TO FACILITY INSTALLATION. THE DOT SHALL BE CONTACTED IN THE EVENT ELEVATIONS ARE INCORRECT SO THAT THE PROPER ADJUSTMENTS CAN BE MADE PRIOR TO THE INSTALLATION OF THE FACILITIES, AS SET FORTH IN THE SPECIAL PROVISIONS.
- 18. THE CONTRACTOR SHALL OBTAIN AT HIS OWN EXPENSE ALL PERMITS, LICENSES, INSURANCE POLICIES, ETC., NOT ALREADY OBTAINED BY DGS, AS MAY BE NECESSARY TO COMPLY WITH STATE AND LOCAL LAWS ASSOCIATED WITH THE PERFORMANCE OF THE WORK, SEE SPECIAL PROVISIONS.
- 19. THE CONTRACTOR IS RESPONSIBLE TO REVIEW THE CONTRACT DOCUMENTS FOR ALL SUBMITTALS REQUIRED FOR DGS REVIEW AND ACCEPTANCE
- 20. THE DGS WILL FURNISH THE CONSTRUCTION STAKING TO THE CONTRACTOR AS SET FORTH IN THE SPECIAL PROVISIONS
- 21. CONTRACTOR SHALL NOTE THAT THE PLANS SHOW BOTH HORIZONTAL AND SLOPE (ACTUAL) LENGTHS FOR PIPE. SEE SPECIAL PROVISIONS FOR THE MAXIMUM ALLOWABLE DEFLECTION ANGLE AT EACH PIPE JOINT.
- 22. THE CONSULTANT TEAM AND OVERSEEING ENGINEER RESPONSIBLE FOR PREPARATION OF THESE PLANS AND SPECIFICATIONS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE CONSULTANT TEAM AND OVERSEEING ENGINEER RESPONSIBLE FOR PREPARATION OF THESE PLANS.
- 23. NO TREES OR WETLAND VEGETATION SHALL BE REMOVED UNLESS THEY ARE SHOWN AND NOTED TO BE REMOVED ON THE PLANS, OR AS DIRECTLY SPECIFIED ON-SITE BY THE PROJECT MANAGEMENT STAFF. ALL TREES CONFLICTING WITH GRADING SHALL BE TRIMMED. NO GRADING SHALL TAKE PLACE WITHIN THE DRIP LINE OF TREES NOT TO BE REMOVED UNLESS OTHERWISE APPROVED.
- IF, DURING CONSTRUCTION, ARCHAEOLOGICAL REMAINS ARE ENCOUNTERED, CONSTRUCTION IN THE VICINITY SHALL BE HALTED, AND THE STATE OFFICE OF HISTORIC PRESERVATION AND A QUALIFIED ARCHEOLOGIST SHALL BE NOTIFIED IMMEDIATELY.
- 25. PERMIT CONDITIONS MAY CONTAIN SPECIFIC REQUIREMENTS FOR THE CONTROL OF OFF-SITE TURBIDITY FROM PROJECT OPERATIONS. TURBIDITY WILL BE MONITORED ON A FREQUENT BASIS BY THE PROJECT MANAGEMENT AND INSPECTION STAFF ON-SITE. TURBIDITY AMOUNTS IN EXCESS OF THE PERMITTED AMOUNT AND/OR DURATIONS WILL CAUSE WORK TO BE STOPPED UNTIL IMPROVED PRACTICES ARE IN EFFECT AND THE PROBLEMS CONTROLLED. THE CONTRACTOR IS COMPLETELY RESPONSIBLE FOR ANY PROJECT DELAYS THAT OCCUR BY NATURE OF THIS FAILURE TO ADEQUATELY CONTAIN SEDIMENT ON-SITE
- 26. THE NEW CHANNEL ALIGNEMENTS OF EACH ALTERNATIVE DEPICTED ON THE PLANS ARE APPROXIMATE AND ARE NOT INTENDED TO REPRESENT THE FINAL ALIGNEMENT.

#### **ABBREVIATIONS**

A ABAND AC APPN BLVD CA CALC'S CF CIP CONC CONST CONST COT CONST COT COT COT COT COT COT COT COT COT CO	ASPEN ABANDONED ASPHALT CONCRETE ASSESSOR'S PARCEL NUMBER BOULEVARD CALIFORNIA CALCULATIONS CUBIC FEET OR CURB FACE CIRCLE CENTERLINE CONSTRUCTION LIMIT FENCE CLEAR COUNTY CONCRETE CONSTRUCT CORRUGATED METAL PIPE CALTRANS OR COURT CALIFORNIA TAHOE CONSERVANCY CUBIC YARD DETAIL DEPARTMENT OF GENERAL SERVICES DRAINAGE INLET DISMIPETE DRIVE DRIVEWAY EAST EACH	FL FS G IE INST IB LF LT LT BLVD MISC N NTS OH P PL PP PROP PUE RD REF ROW RSF RSD SDMH SF SHT	FLOWLINE FINISH SURFACE GAS INVERT ELEVATION INSTALL ISOLATION BARRIER LINEAR FEET LEFT LEFT LAKE TAHOE BLVD MISCELLANEOUS NORTH NOT TO SCALE OVERHEAD PINE PROPERTY LINE PROPERTY LINE PROPOSED PUBLIC UTILITY POLE PROPOSED PUBLIC UTILITY EASEMENT ROAD REFERENCE RIGHT-OF-WAY ROCK SLOPE PROTECTION RIGHT SOUTH OR SANITARY SEWER STORM DRAIN STORM DRAIN STORM DRAIN STORM DRAIN STORM DRAIN MANHOLE SQUARE FEET SHEET
D/W		SDMH	STORM DRAIN MANHOLE
EG ELEV	EXISTING GRADE ELEVATION	SS ST	SANITARY SEWER SEDIMENT TRAP OR STREET
ELEC	ELECTRIC	STA	STATION
EP	EDGE OF PAVEMENT	STPUD	SOUTH TAHOE PUBLIC UTILITY DISTRICT
X	EXISTING	TRPA	TAHOE REGIONAL PLANNING AGENCY
=	FIR	TYP	TYPICAL
ES	FLARED END SECTION	USFS	UNITED STATES FOREST SERVICE
F	FILTER FENCE	W	WEST OR WATER
-G -H	FINISHED GRADE FIRE HYDRANT	W/	WITH
-п	FIRE HT DRAINT	W/O	WITHOUT

# UTILITIES

CABLE TELEVISION
NATURAL GAS
ELECTRIC
SEWER & WATER
TELEPHONE
STORM DRAIN

CHARTER COMMUNICATIONS, (775) 850-1290 SOUTHWEST GAS CO., (775) 887-2872 LIBERTY ENERGY, (530) 541-2040 SOUTH TAHOE PUD, (530) 543-5247 AT&T, (916) 453-6136 CITY OF SOUTH LAKE TAHOE, DPW (530) 542-6030

# LEGEND

\*NOTE: LEGEND PROVIDED ON SHEET SUPERCEDES THIS LEGEND EXISTING PROPOSED MAJOR CONTOUR FOOT TRAIL MINOR CONTOUR PIPE (MATERIAL AS NOTED) WATERS EDGE STRUCTURE BOUNDARY CUT PROPERTY LINE BOULDER TOE PROTECTION FENCELINE NEW FLOODPLAIN FOOT TRAIL SCOUR POOL WATER LINE POINT BAR SEWER LINE ROCK DISSIPATER GAS LINE RESTORED DUNES STORM DRAIN STORMWATER TREATMENT AREA ---EX ELEC---FLECTRIC LINE MAJOR CONTOUR AC PAVEMENT MINOR CONTOUR WOODEN FOOT BRIDGE TAHOE YELLOW CRESS PROTECTED AREA UTILITY EASEMENT BOARDWALK POWER/UTILITY POLE BRIDGE UTILITY POLE & GUY ANCHOR FIRE HYDRANT +()+ GRADE CONTROL STRUCTURE DRAINAGE INLET LIGHT POLE MANHOLE

UTILITY BOX

TREE, DIAMETER AND TYPE

EXISTING CHANNEL ALIGNMENT STATION NUMBER AND MARKER

€ 28\*

0

ON BE CONTINUE OF TOTAL	
NEW CHANNEL ALIGNMENT	GENERAL NOTES, ABBREVIATIONS,
RE-VEGETATION	& LEGEND
EXISTING RIVER ACCESS	

Ď	OBSERVATION AREA
	SELF-SERVICE VISITORS CENTER

STABILIZATION

FISHING ACCESS





DETAIL REF NUMBER SHEET NUMBER

scale:	AS SHOWN
job no.:	00110066.04
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checked by:	CM

ii

date

UPPER TRUCKEE RIVER

AND MARSH RESTORATION

**PROJECT** 

E.I.P. # 560

870 Emerald Bay Road, Suite 400

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South Lake Tahoe, CA 96150

295 Highway 50, suite

Tel: 775.588.9069

REVISIONS

# description

Zephyr Cove, NV 89448

sheet no.: ii

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date: 01/10/13

HORIZONTAL AND VERTICAL CONTROL/PROJECTION

VERTICAL CONTROL IS NGVD 29; HORIZONTAL CONTROL IS CALIFORNIA STATE PLANE, ZONE 2, NAD 83 (FEET):

SCHEMATIC DESIGN PLANS
& DETAILS
NOT FOR CONSTRUCTION

#### CONSTRUCTION PHASING PLAN

## ALTERNATIVE ONE

## YFAR 1

- MOBILIZATION, INCLUDING HAUL ROAD AND STAGING AREA CONSTRUCTION, BMP INSTALLATION, SIGNAGE PLACEMENT.
- CONSTRUCTION OF HIGH FLOW CHANNEL (STA 1700 2900)

  CLEARING AND GRUBBING ALONG THE EAST SIDE OF THE UPPER TRUCKEE RIVER AND INSTALL A THE ISOLATION BARRIER (IB)
- EXCAVATE THE EXISTING EASTERN HIGH FLOW CHANNEL.
- REVEGETATE AND IRRIGATE ALL DISTURBED AREAS
- CONSTRUCTION OF NEW CHANNEL AND REGRADING OF LOWER WEST SIDE AREA (STA
- CLEARING AND GRUBBING OF THE LOWER WEST SIDE AREA TO ALLOW FOR
- RE-GRADING OF THE FLOODPLAIN AND INSTALL AN IB.
- RE-GRADE AND REVEGETATE THE LOWER WEST SIDE AREA.
  A BULKHEAD/LEVEE SHALL BE CONSTRUCTED ACROSS THE SAILING LAGOON TO SEGREGATE IT FROM THE TAHOE KEYS MARINA.
- INSTALL AN IB ALONG THE EXISTING CHANNEL ALIGNMENT TO SEPARATE THE RIVER FROM ITS FLOODPLAIN, AND THE NEW CHANNEL SHALL BE CONSTRUCTED.
- UPON COMPLETION OF ALL CHANNEL AND FLOODPLAIN WORK, ALL DISTURBED AREAS

# SHALL BE REVEGETATED AND IRRIGATED.

- EAST MEADOW AND APPURTENANCES

  RE-ROUTE THE EXISTING TRAIL ACROSS THE NEW BULKHEAD/LEVEE.
- AT THE END OF THE CONSTRUCTION SEASON, REMOVE IRRIGATION EQUIPMENT AND WINTERIZE THE SITE.

#### YEAR 2

- BANK STABILIZATION (STA 0-1300)

  CLEARING AND GRUBBING FOR CONSTRUCTION OF THE ROCK TOE PROTECTION AND SCOUR POOL AND INSTALLATION OF THE ISOLATION BARRIER.
- EXCAVATE FLOODPLAIN AND CONSTRUCT POINT BAR.
   REVEGETATE AND IRRIGATE NEW FLOODPLAIN AND DISTURBED AREAS.
- SEASONING OF HIGH FLOW CHANNEL (STA 1700 2900)
   IRRIGATION LINES WILL BE PLACED AND REVEGETATION INSPECTIONS WILL BE COMPLETED ON A MONTHLY BASIS.
- VERTICAL GRADE CONTROL STRUCTURES (STA 2900-6300)

  DEWATER THE CHANNEL IN SECTIONS AND CONSTRUCT VERTICAL GRADE CONTROLS.
- ALL DISTURBED AREAS WILL BE REVEGETATED AND IRRIGATED.
- RIVER MOUTH RE-CONFIGURATION (STA 9300-10700)
- CLEAR AND GRUB FOR CONSTRUCTION OF A GRADE CONTROL STRUCTURE.
- RESTORE THE DUNES OF EAST COVE BEACH.
- ALL DISTURBED AREAS SHALL BE REVEGETATED AND IRRIGATED. SEASONING OF NEW CHANNEL AND IRRIGATION OF LOWER WEST SIDE AREA (STA
- IRRIGATION LINES WILL BE PLACED AND REVEGETATION INSPECTIONS WILL BE COMPLETED ON A MONTHLY BASIS

#### EAST MEADOW AND APPURTENANCES

- CONSTRUCT A CLASS I TRAIL SYSTEM THROUGH THE WOODED AREA NORTH OF HIGHLAND WOODS.
- CONSTRUCT A BOARDWALK AND OBSERVATION PLATFORMS ALONG THE EASTERN BOUNDARY.
- REMOVE FILL FROM BEHIND EAST BARTON BEACH.
- REVEGETATE AND IRRIGATE ALL DISTURBED AREAS.

# YEAR 3

# BANK STABILIZATION (STA 0-1300)

- IRRIGATION LINES WILL BE PLACED AND REVEGETATION INSPECTIONS WILL BE COMPLETED ON A MONTHLY BASIS.
- DIVERSION TO HIGH FLOW CHANNEL (STA 1700 2900)
- REMOVE IB AND PUT THE RIVER IN THE NEW ALIGNMENT. FLUSH THE NEW CHANNEL TO INITIATE THE FLOWS.
- PLACE IB TO THE OLD SECTION OF CHANNEL. BACKFILL OLD CHANNEL AND REVEGETATE.
- INSTALL LATERAL GRADE CONTROL STRUCTURES AT THE UPSTREAM AND DOWNSTREAM ENDS OF THIS SECTION
- REMOVE IB AND REVEGETATE AND IRRIGATE ALL DISTURBED.
- VERTICAL GRADE CONTROL STRUCTURES (STA 2900-6300)

   IRRIGATION LINES WILL BE PLACED AND REVEGETATION INSPECTIONS WILL BE COMPLETED ON A MONTHLY BASIS.
- RESTORE THE SETTLING BASIN AND TKPOA CORPORATION YARD. ALL DISTURBED AREAS WILL BE REVEGETATED AND IRRIGATED.
- DIVERSION TO NEW CHANNEL AND ABANDONMENT OF EXISTING CHANNEL (STA
- PUT THE RIVER IN THE NEW ALIGNMENT AND MOVE IB TO ISOLATE THE OLD CHANNEL.
- DIVERT WATER FROM THE RIVER TO THE SAILING LAGOON TO ALLOW SETTLEMENT.
- THE NEW CHANNEL SECTION SHALL BE FLUSHED TO INITIATE THE FLOWS, AND THE OLD CHANNEL WILL BE BACKFILLED. REVEGETATED. AND IRRIGATED.
- CONVERGENCE OF NEW ALIGNMENT AND OLD ALIGNMENT WILL BE ARMORED WITH A COMBINATION OF VINYL SHEET PILE ROCK AND LARGE WOOD FLEMENTS. WILLOW STAKES WILL BE INCORPORATED INTO THESE ENGINEERED AREAS AND PROPAGATED SOD WILL BE PLACED ON TOP OF THE ARMORED PROTECTION.

# SEASONING OF RIVER MOUTH RE-CONFIGURATION (STA 9300-10700

THE NEW CHANNEL AND FLOODPLAIN WILL BE ALLOWED TO ESTABLISH VEGETATION AND SEASONED. IRRIGATION LINES WILL BE PLACED AS SOON AS POSSIBLE AND REVEGETATION INSPECTIONS WILL BE ON A MONTHLY BASIS.

EAST MEADOW AND APPURTENANCES

• IRRIGATION LINES WILL BE PLACED AND REVEGETATION INSPECTIONS WILL BE COMPLETED ON A MONTHLY BASIS.

## YEAR 4

- IRRIGATION AND VEGETATION MONITORING OF HIGH FLOW CHANNEL (STA 1700 2900) & VERTICAL GRADE CONTROL STRUCTURES (STA 2900-6300)& NEW CHANNEL AND LOWER WEST SIDE AREA (STA 6300-9300)
- IRRIGATION LINES WILL BE PLACED AND REVEGETATION INSPECTIONS WILL BE COMPLETED ON A MONTHLY BASIS.

  DIVERSION TO RIVER MOUTH RE-CONFIGURATION (STA 9300 -10700)
- PLACE THE RIVER IN THE NEW ALIGNMENT AND RE-INSTALLING IB TO ISOLATE THE OLD SECTION OF CHANNEL.
- THE NEW CHANNEL WILL BE FLUSHED SEVERAL TIMES, AND THE OLD CHANNEL WILL BE BACKFILLED, REVEGETATED, AND IRRIGATED.

## EAST MEADOW AND APPURTENANCES

- INSTALL INTERPRETIVE SIGNAGE THROUGHOUT THE SITE.
   CONSTRUCT CLASS I BIKE TRAIL ALONG VENICE DRIVE.
- CONSTRUCT A VISITOR'S CENTER AND PARKING LOT AT THE END OF VENICE DRIVE.
- REVEGETATE AND IRRIGATE ALL DISTURBED AREAS

### ALTERNATIVE TWO

#### YFAR 1

 MOBILIZATION, INCLUDING HAUL ROAD AND STAGING AREA CONSTRUCTION, BMP INSTALLATION, AND SIGNAGE PLACEMENT.

CONSTRUCTION OF NEW GEOMORPHIC CHANNEL AND REGRADING OF LOWER WEST

- CLEARING AND GRUBBING ALONG THE UPPER TRUCKEE RIVER AND INSTALLATION OF
- · RE-GRADING OF THE LOWER WEST SIDE AREA.
- CONSTRUCT THE BULKHEAD/LEVEE ACROSS THE SAILING LAGOON.
- INSTALL AN IB ALONG THE EXISTING CHANNEL ON THE SIDE ADJACENT TO THE NEW CHANNEL, AND CONSTRUCT THE NEW CHANNEL
- UPON COMPLETION OF ALL CHANNEL AND FLOODPLAIN WORK, ALL DISTURBED AREAS SHALL BE REVEGETATED AND IRRIGATED.

#### EAST MEADOW AND APPURTENANCES

RE-ROUTE THE EXISTING TRAIL ACROSS THE NEW BULKHEAD/LEVEE.

## YEAR 2

#### BANK STABILIZATION (STA 0-2000)

- CLEARING AND GRUBBING FOR CONSTRUCTION OF THE ROCK TOE PROTECTION AND SCOUR POOL AND INSTALL THE IB.
- CONSTRUCT ROCK TOE PROTECTION.
- EXCAVATE SECONDARY CHANNEL MOUTH AND CONSTRUCT POINT BAR.
- EXCAVATE FLOODPLAIN LOCATIONS REVEGETATE AND IRRIGATE NEW FLOODPLAIN AND DISTURBED AREAS AT THE
- CONCLUSION OF CONSTRUCTION.
- EASONING OF NEW GEOMORPHIC CHANNEL AND VEGETATION ESTABLISHMENT OF LOWER WEST SIDE AREA (STA 1300 - 9300)
- IRRIGATION LINES WILL BE PLACED AND REVEGETATION INSPECTIONS WILL BE COMPLETED ON A MONTHLY BASIS.
- RIVER MOUTH RE-CONFIGURATION (STA 9300-10700)
- CLEARING AND GRUBBING ALONG THE UPPER TRUCKEE RIVER AND INSTALLATION OF THE IB.
- CONSTRUCT NEW CHANNEL WITH VERTICAL GRADE CONTROLS • THE DUNES AREA SHALL BE RESTORED ACCORDING TO THE PLANS AND
- SPECIFICATIONS.
- ALL DISTURBED AREAS SHALL BE REVEGETATED AND IRRIGATED.
- EAST MEADOW AND APPURTENANCES CONSTRUCT OBSERVATION PLATFORMS ALONG THE EASTERN BOUNDARY.
- REMOVE FILL FROM BEHIND EAST BARTON BEACH
- REVEGETATE AND IRRIGATE ALL DISTURBED AREAS.

#### YEAR 3

- BANK STABILIZATION (STA 0-2000)

   IRRIGATION LINES WILL BE PLACED AND REVEGETATION INSPECTIONS WILL BE COMPLETED ON A MONTHLY BASIS.
- DIVERSION TO NEW GEOMORPHIC CHANNEL; ABANDONMENT OF EXISTING CHANNEL; VEGETATION ESTABLISHMENT OF LOWER WEST SIDE AREA (STA 2000 9300) REMOVE IB AND PUT RIVER IN THE NEW ALIGNMENT. INSTALL IB TO ISOLATE FOR
- BACKFILL OF OLD RIVER ALIGNMENT. THE OLD CHANNEL WILL BE BACKFILLED. REVEGETATED. AND IRRIGATED.
- WHERE THE NEW ALIGNMENT AND EXISTING ALIGNMENT CONVERGE WILL BE ARMORED WITH A COMBINATION OF VINYL SHEET PILE, ROCK AND LARGE WOOD ELEMENTS. WILLOW STAKES WILL BE INCORPORATED INTO THESE ENGINEERED AREAS AND PROPAGATED SOD WILL BE PLACED ON TOP OF THE ARMORED PROTECTION.
- CONSTRUCT A VERTICAL GRADE CONTROL STRUCTURE ON THE UPSTREAM END OF THIS SECTION.
- STORMWATER TREATMENT AREAS SHALL BE CONSTRUCTED IN THE FLOODPLAIN NEAR THE TKPOA YARD.
- RESTORE THE SETTLING BASIN AND TKPOA CORPORATION YARD. ALL DISTURBED AREAS SHALL BE REVEGETATED AND IRRIGATED
- SEASONING OF RIVER MOUTH RE-CONFIGURATION (STA 9300-10700)& EAST MEADOW
- IRRIGATION LINES WILL BE PLACED AND REVEGETATION INSPECTIONS WILL BE COMPLETED ON A MONTHLY BASIS.

- IRRIGATION AND VEGETATION MONITORING OF NEW GEOMORPHIC CHANNEL; EXISTING CHANNEL; LOWER WEST SIDE AREA (STA 2000 9300)

   AS EARLY AS POSSIBLE, AN INSPECTION WILL BE COMPLETED TO EVALUATE THE
- CONDITION OF IMPROVEMENTS IRRIGATION LINES WILL BE PLACED AS SOON AS POSSIBLE AND REVEGETATION
- INSPECTIONS WILL BE COMPLETED ON A MONTHLY BASIS. CONSTRUCT FISHING PLATFORM
- DIVERSION INTO RIVER MOUTH RE-CONFIGURATION (STA 9300-
- THIS YEAR THE RIVER SHALL BE PUT IN THE NEW ALIGNMENT BY REMOVING THE IB AND RE-INSTALLING IT TO ISOLATE THE OLD SECTION OF CHANNEL.
- THE NEW CHANNEL SECTION SHALL BE FLUSHED SEVERAL TIMES TO INITIATE THE FLOWS, AND THE OLD CHANNEL WILL BE BACKFILLED, REVEGETATED, AND IRRIGATED. SEASONING OF RIVER MOUTH RE-CONFIGURATION (STA 9300-10700) & EAST MEADOW. AND LOWER WEST SIDE AREA (STA 6700-9300) EAST MEADOW AND APPURTENANCES INSTALL INTERPRETIVE SIGNAGE THROUGHOUT THE SITE
- REVEGETATE AND IRRIGATE ALL DISTURBED AREAS.

## ALTERNATIVE THREE

### YFAR 1

- MOBILIZATION, INCLUDING HAUL ROAD AND STAGING AREA CONSTRUCTION, BMP INSTALLATION, SIGNAGE PLACEMENT.
- CONSTRUCTION OF NEW GEOMORPHIC PILOT CHANNEL AND REGRADING OF LOWER WEST SIDE AREA (STA 3000-9300)
- CLEARING AND GRUBBING ALONG THE UPPER TRUCKEE RIVER TO INSTALL AN IB
- EXCAVATE A PILOT CHANNEL.
- REGRADE THE LOWER WEST SIDE AREA.
  A BULKHEAD SHALL BE CONSTRUCTED ACROSS THE SAILING LAGOON TO SEGREGATE IT FROM THE TAHOE KEYS MARINA.
- INSTALL IB TO ISOLATE THE UPPER TRUCKEE RIVER FROM ITS FLOODPLAIN IN THE VICINITY OF THE NEW PILOT CHANNEL.
- EXCAVATE THE NEW PILOT CHANNEL (~1800')
- THE CONTRACTOR SHALL INSTALL A VERTICAL GRADE CONTROL
- THE NEW FLOODPLAIN, CHANNEL AND ANY DISTURBED AREAS WILL BE REVEGETATED AND IRRIGATED.
- EAST MEADOW AND APPURTENANCES
- RE-ROUTE THE EXISTING TRAIL ACROSS THE NEW BULKHEAD LEVEE.

## YEAR 2

- CONSTRUCTION OF BANK STABILIZATION AND OVERBANK CONVEYANCE (STA 0-1300)

  CLEARING AND GRUBBING FOR CONSTRUCTION OF THE ROCK TOE PROTECTION AND SCOUR POOL AND INSTALLATION OF THE ISOLATION BARRIER.
- EXCAVATE FLOODPLAIN AND CONSTRUCT POINT BAR.
- CONSTRUCT TWO 48" CMP ARCH PIPES BENEATH HWY 50 TO THE WEST OF THE BRIDGE STRUCTURE. CONSTRUCT A ROCK HEADWALL UPSTREAM, AND A ROCK DISSIPATER SHALL BE
- INSTALLED AT THE DOWNSTREAM END.
- REVEGETATE AND IRRIGATE NEW FLOODPLAIN AND DISTURBED AREAS. CONSTRUCTION OF LOWERED FLOODPLAIN (STA 1700 - 3000 CLEARING AND GRUBBING ALONG THE UPPER TRUCKEE RIVER TO ALLOW FOR
- CONSTRUCTION OF NEW FLOODPLAIN EXCAVATE THE EXISTING FLOODPLAIN. REVEGETATION AND IRRIGATION OF NEW FLOODPLAIN AND DISTURBED AREAS SHALL COMMENCE AT THE CONCLUSION OF CONSTRUCTION
- SEASONING OF NEW GEOMORPHIC PILOT CHANNEL AND LOWER WEST SIDE AREA (STA 3000-9300)
- IRRIGATION LINES WILL BE PLACED AND REVEGETATION INSPECTIONS WILL BE COMPLETED ON A MONTHLY BASIS.
- CONSTRUCTION OF RIVER MOUTH RE-CONFIGURATION (STA 9300-10700 CLEARING AND GRUBBING WILL BE COMPLETED TO ALLOW FOR INSTALLATION OF THE GRADE CONTROL STRUCTURE.
- INSTALL AN IB AND CONSTRUCT THE GRADE CONTROL STRUCTURE
- RESTORE THE DUNES AT EAST COVE BEACH ALL DISTURBED AREAS SHALL BE REVEGETATED AND IRRIGATED.
- EAST MEADOW AND APPURTENANCES
- CONSTRUCT TRAILS AND BOARDWALKS, AND OBSERVATION PLATFORMS ALONG THE EASTERN BOUNDARY.
- CONSTRUCT LOOP TRAIL THROUGH WOODS NORTH OF HIGHLAND WOODS. REVEGETATE AND IRRIGATE ALL DISTURBED AREAS.

#### IRRIGATION AND VEGETATION ESTABLISHMENT OF BANK STABILIZATION & OVERBANK CONVEYANCE (STA 0-1300) • AS EARLY AS POSSIBLE, AN INSPECTION WILL BE COMPLETED TO EVALUATE THE

- CONDITION OF IMPROVEMENTS. IRRIGATION LINES WILL BE PLACED AS SOON AS POSSIBLE AND REVEGETATION INSPECTIONS WILL BE COMPLETED ON A MONTHLY BASIS
- IRRIGATION AND VEGETATION ESTABLISHMENT OF LOWERED FLOODPLAIN (STA 1300 -• AS EARLY AS POSSIBLE, AN INSPECTION WILL BE COMPLETED TO EVALUATE THE
- CONDITION OF IMPROVEMENTS.

   IRRIGATION LINES WILL BE PLACED AS SOON AS POSSIBLE AND REVEGETATION INSPECTIONS WILL BE COMPLETED ON A MONTHLY BASIS
- DIVERSION TO NEW GEOMORPHIC PILOT CHANNEL AND ABANDONMENT OF EXISTING THIS YEAR. THE RIVER WILL BE PUT IN THE NEW ALIGNMENT BY REMOVING THE ISOLATION BARRIER AND RE-INSTALLING IT TO ISOLATE THE OLD SECTION OF
- CHANNEL. THE RIVER FLOW WILL BE DIVERTED TO THE PILOT CHANNEL AND ALLOWED TO FIND ITS OWN PATH BACK TO LAKE TAHOE. AFTER THE WATER IS DIVERTED TO THE NEW CHANNEL, THE OLD CHANNEL WILL BE BACKELLED REVEGETATED AND IRRIGATED
- BACKFILLED, REVEGETATED, AND IRRIGATED.

   CONVERGENCE OF THE NEW ALIGNMENT AND OLD ALIGNMENT CONVERGE WILL BE

   CONVERGENCE OF THE NEW ALIGNMENT AND OLD ALIGNMENT CONVERGE WILL BE

   IRRIGATION LINES WILL BE PLACED AND REVEGETATION INSPECTIONS WILL BE STAKES WILL BE INCORPORATED INTO THESE ENGINEERED AREAS AND PROPAGATED SOD WILL BE PLACED AS NEEDED ON TOP OF THE ARMORED
- PROTECTION
- AND APPURTENANCES

   IRRIGATION LINES WILL BE PLACED AND REVEGETATION INSPECTIONS WILL BE COMPLETED ON A MONTHLY BASIS

## YFAR 4

# IRRIGATION AND VEGETATION ESTABLISHMENT OF NEW GEOMORPHIC PILOT CHANNEL, EXISTING CHANNEL, AND LOWER WEST SIDE AREA (STA 3000-9300) • IRRIGATION LINES WILL BE PLACED AND REVEGETATION INSPECTIONS WILL BE

- COMPLETED ON A MONTHLY BASIS. STORMWATER TREATMENT AREAS SHALL BE CONSTRUCTED IN THE FLOODPLAIN. NEAR THE TKPOA YARD AND THE TKPOA YARD SHALL BE RESTORED ACCORDING
- TO THE PLANS AND SPECIFICATIONS. ALL DISTURBED AREAS SHALL BE REVEGETATED AND IRRIGATED.
- DIVERSION TO RIVER MOUTH RE-CONFIGURATION (STA 9300 -10700).

  THIS YEAR THE RIVER WILL BE PUT IN THE NEW ALIGNMENT BY REMOVING THE ISOLATION BARRIER AND RE-INSTALLING IT TO ISOLATE THE OLD SECTION OF
- THE NEW CHANNEL WILL BE FLUSHED SEVERAL TIMES TO INITIATE THE FLOWS. AND THE OLD CHANNEL WILL BE BACKFILLED, REVEGETATED, AND IRRIGATED EAST MEADOW AND APPURTENANCES
- INSTALL INTERPRETIVE SIGNAGE THROUGHOUT THE SITE CONSTRUCT SELF-SERVE KIOSK AT THE END OF VENICE DRIVE

## ALTERNATIVE FOUR

# YFAR 1

- MOBILIZATION, INCLUDING HAUL ROAD AND STAGING AREA CONSTRUCTION, BMP INSTALLATION, AND SIGNAGE PLACEMENT.
- CONSTRUCTION OF NEW CHANNEL AND REGRADING OF LOWER WEST SIDE AREA (STA
- CLEARING AND GRUBBING ALONG THE UPPER TRUCKEE RIVER TO ALLOW FOR INSTALLATION OF THE IB, EXCAVATE THE NEW CHANNEL AND REGRADE THE LOWER WEST SIDE AREA
- INSTALL THE IB TO ISOLATE THE UPPER TRUCKEE RIVER FROM ITS FLOODPLAIN IN THE VICINITY OF LOWER WEST SIDE.
- THE NEW FLOODPLAIN, CHANNEL AND ANY DISTURBED AREAS WILL BE REVEGETATED. AND IRRIGATED.
- CONSTRUCTION OF RIVER MOUTH RE-CONFIGURATION (STA 9300-10700)

  CLEARING AND GRUBBING WILL BE COMPLETED TO ALLOW FOR RE-CONFIGURATION
- OF THE CHANNEL MOUTH.

SCOUR POOL AND INSTALLATION OF THE ISOLATION BARRIER. CONSTRUCT ROCK

- INSTALL AN IB AND DEWATER THE CHANNEL.
- REGRADE THE MOUTH AREA THE AND USE LOCAL CUT AND FILL TO REGRADE THE MOUTH AREA TO THE LINES AND GRADES DEPICTED IN THE DRAWINGS.
- WHEN CONSTRUCTION IS COMPLETE, THE WATER WILL BE RETURNED TO THE CHANNEL AND THE TEMPORARY DIVERSION WILL BE REMOVED
- ALL DISTURBED AREAS SHALL BE REVEGETATED AND IRRIGATED FOR ONE YEAR.

# CONSTRUCTION OF BANK STABILIZATION & INSET FLOODPLAIN (STA 0-1300) CLEARING AND GRUBBING FOR CONSTRUCTION OF THE ROCK TOE PROTECTION AND

- TOE PROTECTION • EXCAVATE FLOODPLAIN AND CONSTRUCT POINT BAR.
- REVEGETATE AND IRRIGATE NEW FLOODPLAIN AND DISTURBED AREAS.
   CONSTRUCTION OF INSET FLOODPLAIN (STA 1300 6700)
   CLEARING AND GRUBBING ALONG THE UPPER TRUCKEE RIVER TO ALLOW FOR
- CONSTRUCTION OF NEW FLOODPLAIN.
- EXCAVATE THE EXISTING FLOODPLAIN. REVEGETATION AND IRRIGATION OF NEW FLOODPLAIN AND DISTURBED AREAS.
   SEASONING OF NEW CHANNEL AND LOWER WEST SIDE AREA (STA 6700-9300) &
- SEASONING OF RIVER MOUTH RE-CONFIGURATION (STA 9300 IRRIGATION LINES WILL BE PLACED AND REVEGETATION INSPECTIONS WILL BE COMPLETED ON A MONTHLY BASIS.
- EAST MEADOW AND APPURTENANCES CONSTRUCT TRAILS AND BOARDWALKS, AND OBSERVATION PLATFORMS ALONG THE EASTERN BOUNDARY ACCORDING TO THE PLANS AND SPECIFICATIONS.

  CONSTRUCT A PERIMETER CLASS I BIKE TRAIL ALONG THE SOUTHERN BORDER OF

# REVEGETATE AND IRRIGATE ALL DISTURBED AREAS

YEAR 3 SEASONING OF BANK STABILIZATION & INSET FLOODPLAIN (STA 0-1300) & SEASONING

- OF INSET FLOODPLAIN (STA 1300 6700)

   IRRIGATION LINES WILL BE PLACED AND REVEGETATION INSPECTIONS WILL BE COMPLETED ON A MONTHLY BASIS. DIVERSION TO NEW CHANNEL AND ABANDONMENT OF EXISTING CHANNEL (STA
- THIS YEAR. THE RIVER WILL BE PUT IN THE NEW ALIGNMENT BY REMOVING THE ISOLATION BARRIER AND RE-INSTALLING IT TO ISOLATE THE OLD SECTION OF CHANNEL

AS EACH SECTION OF NEW CHANNEL IS BROUGHT ON-LINE, THE NEW CHANNEL

- SECTION SHALL BE FLUSHED SEVERAL TIMES TO INITIATE THE FLOWS, AND THE OLD CHANNEL WILL BE BACKFILLED, REVEGETATED, AND IRRIGATED. THE LOCATIONS WHERE THE NEW ALIGNMENT AND EXISTING ALIGNMENT CONVERGE WILL BE ARMORED WITH A COMBINATION OF ROCK AND LARGE WOOD ELEMENTS. WILLOW STAKES WILL BE INCORPORATED INTO THESE ENGINEERED AREAS AND
- PROPAGATED SOD WILL BE PLACED AS NEEDED ON TOP OF THE ARMORED PROTECTION. THE NEW FLOODPLAIN, ABANDONED CHANNEL, AND ANY DISTURBED AREAS WILL BE IRRIGATED AND MONITORED FOR ONE YEAR FOLLOWING COMPLETION OF
- <u>DIVERSION TO RIVER MOUTH RE-CONFIGURATION (STA 9300 -10700)</u>
   THIS YEAR THE RIVER WILL BE PUT IN THE NEW ALIGNMENT BY REMOVING THE ISOLATION BARRIER AND RE-INSTALLING IT TO ISOLATE THE OLD SECTION OF CHANNEL. THE NEW CHANNEL WILL BE FLUSHED SEVERAL TIMES TO INITIATE THE FLOWS, AND
- THE OLD CHANNEL WILL BE BACKFILLED, REVEGETATED, AND IRRIGATED.

# COMPLETED ON A MONTHLY BASIS.

- YEAR 4 RRIGATION AND VEGETATION ESTABLISHMENT OF NEW CHANNEL, EXISTING CHANNEL,
- RRIGATION AND VEGETATION ESTABLISHMENT OF RIVER MOUTH RE-CONFIGURATION • IRRIGATION LINES WILL BE PLACED AND REVEGETATION INSPECTIONS WILL BE

• IRRIGATION LINES WILL BE PLACED AND REVEGETATION INSPECTIONS WILL BE

COMPLETED ON A MONTHLY BASIS. FAST MEADOW AND APPURTENANCES

COMPLETED ON A MONTHLY BASIS

INSTALL INTERPRETIVE SIGNAGE THROUGHOUT THE SITE. . CONSTRUCT SELF-SERVE KIOSK AT THE END OF VENICE DRIVE

> SCHEMATIC DESIGN PLANS & DETAILS NOT FOR CONSTRUCTION



# UPPER TRUCKEE RIVER AND MARSH RESTORATION **PROJECT**

E.I.P. # 560





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> CONSTRUCTION **PHASING**

> > iii

REVISIONS # description date

scale:	AS SHOWN
job no.:	00110066.04
drawn by:	MC
checked by:	CM

sheet no.: ii

sheet <u>3</u> of <u>45</u>

date: 01/10/13

