

Appendix D
Design Plans for Onsite Wetland and Riparian Re-establishment

INDEX OF SHEETS

SHEET #	SHEET NAME
D-1 - D-32	ONSITE PARCELS
D-33	PLANTING PLANS
	PLANTING PROGRAM & DETAILS

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

PROJECT PLANS FOR CONSTRUCTION ON
STATE HIGHWAY

IN MENDOCINO COUNTY IN AND NEAR WILLITS
FROM 1.3 km SOUTH OF HAEHL OVERHEAD
TO 2.9 km SOUTH OF REYNOLDS HIGHWAY

To be supplemented by Standard Plans dated July, 2006.

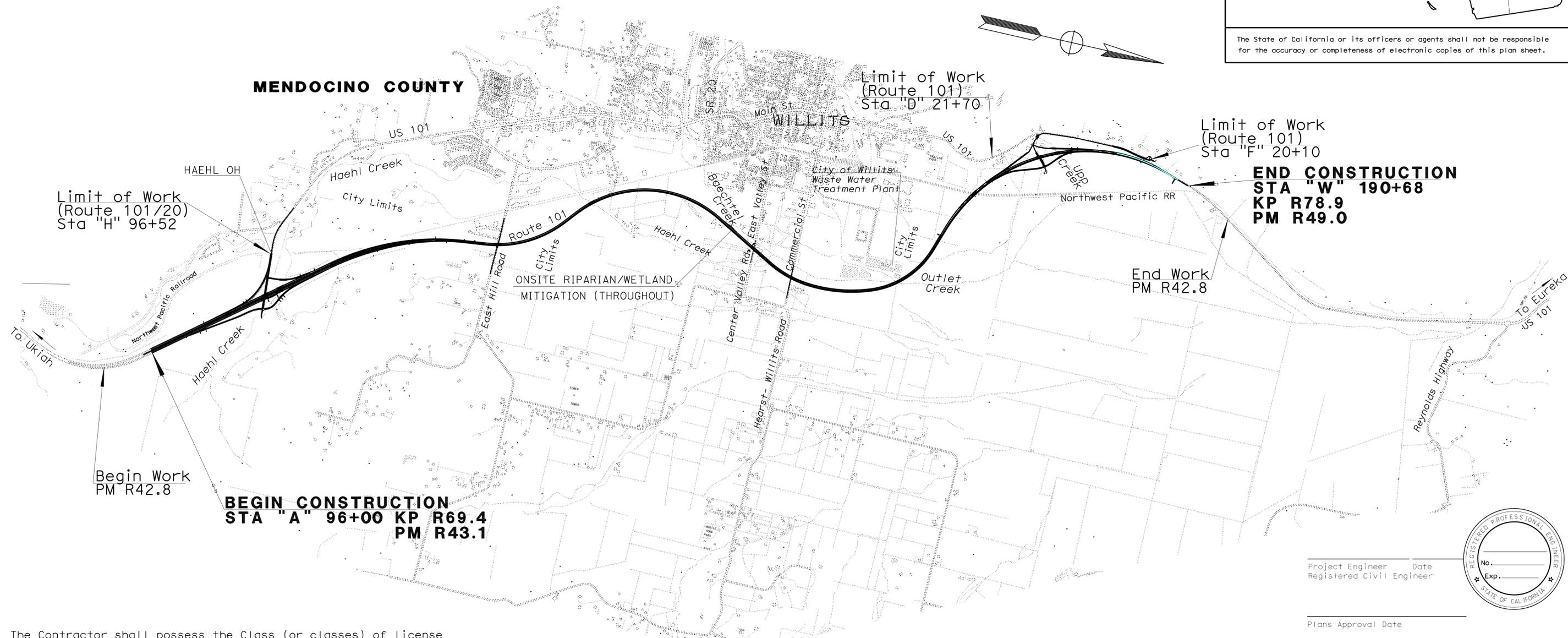
PLANTING PLANS FOR ONSITE
WETLAND AND RIPARIAN MITIGATION
JANUARY 2012

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
01	MEN	101	R69.4/78.9		

Caltrans

LOCATION MAP

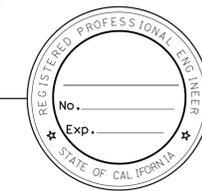
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.



PROJECT ENGINEER	DATE	PROJECT MANAGER	DATE
Bradley N. Miller		David G. Kelley	

The Contractor shall possess the Class (or classes) of license as specified in the "Notice to Contractors".

Project Engineer Date
Registered Civil Engineer



Plans Approval Date

Contract No.

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS



USERNAME => 19937
DGN FILE => 126200ab001_JS.dgn

CU 03221

EA 262001

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	SENIOR LANDSCAPE ARCHITECT	CALCULATED-DESIGNED BY	PIETRZAK	REVISOR	DATE
Caltrans 03-LANDSCAPE ARCHITECTURE	T. CHRIS JOHNSON	CHECKED BY			

NOTES:

1. ALL TEMPORARILY IMPACTED AREAS TO BE SEEDED ACCORDING TO EROSION CONTROL PLANS UNLESS OTHERWISE NOTED.
2. SEE THE BYPASS PROJECT CONSTRUCTION PLANS FOR INFORMATION PERTAINING TO PRE-PROJECT ELEVATIONS FOR EACH TEMPORARY IMPACT AREA. PRE-PROJECT ELEVATIONS ARE SYNONYMOUS WITH PROPOSED POST PROJECT ELEVATIONS. THE BYPASS PROJECT CONSTRUCTION PLANS WILL BE PROVIDED TO USACE AS A STAND-ALONE DOCUMENT FROM THIS MMP.
3. AS-BUILT DRAWINGS WILL BE DEVELOPED FOLLOWING RE-ESTABLISHMENT IMPLEMENTATION. AS-BUILT DRAWINGS WILL INDICATE THE PRE-PROJECT AND POST-PROJECT ELEVATIONS FOR EACH RE-ESTABLISHMENT AREA.

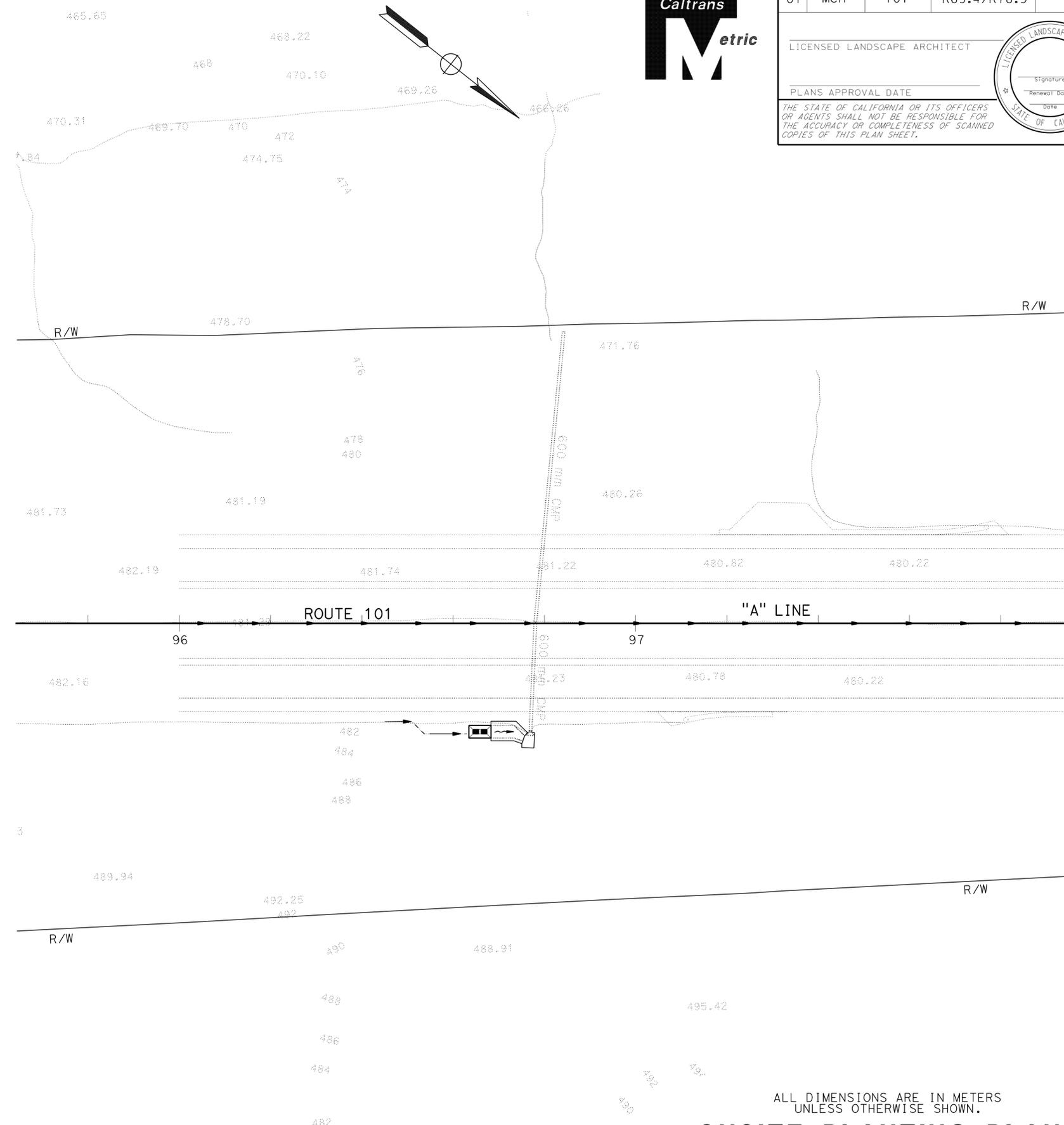
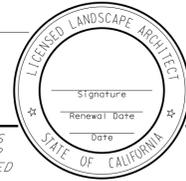


Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	R69.4/R78.9		

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN.

ONSITE PLANTING PLAN

SCALE 1:500

D-1

SENIOR LANDSCAPE ARCHITECT
 T. CHRIS JOHNSON

CALCULATED-DESIGNED BY
 CHECKED BY

JEFFREY PIETRZAK

REVISED BY
 DATE REVISED

NOTES:

1. ALL TEMPORARILY IMPACTED AREAS TO BE SEEDED ACCORDING TO EROSION CONTROL PLANS UNLESS OTHERWISE NOTED.
2. SEE THE BYPASS PROJECT CONSTRUCTION PLANS FOR INFORMATION PERTAINING TO PRE-PROJECT ELEVATIONS FOR EACH TEMPORARY IMPACT AREA. PRE-PROJECT ELEVATIONS ARE SYNONYMOUS WITH PROPOSED POST PROJECT ELEVATIONS. THE BYPASS PROJECT CONSTRUCTION PLANS WILL BE PROVIDED TO USACE AS A STAND-ALONE DOCUMENT FROM THIS MMP.
3. AS-BUILT DRAWINGS WILL BE DEVELOPED FOLLOWING RE-ESTABLISHMENT IMPLEMENTATION. AS-BUILT DRAWINGS WILL INDICATE THE PRE-PROJECT AND POST-PROJECT ELEVATIONS FOR EACH RE-ESTABLISHMENT AREA.

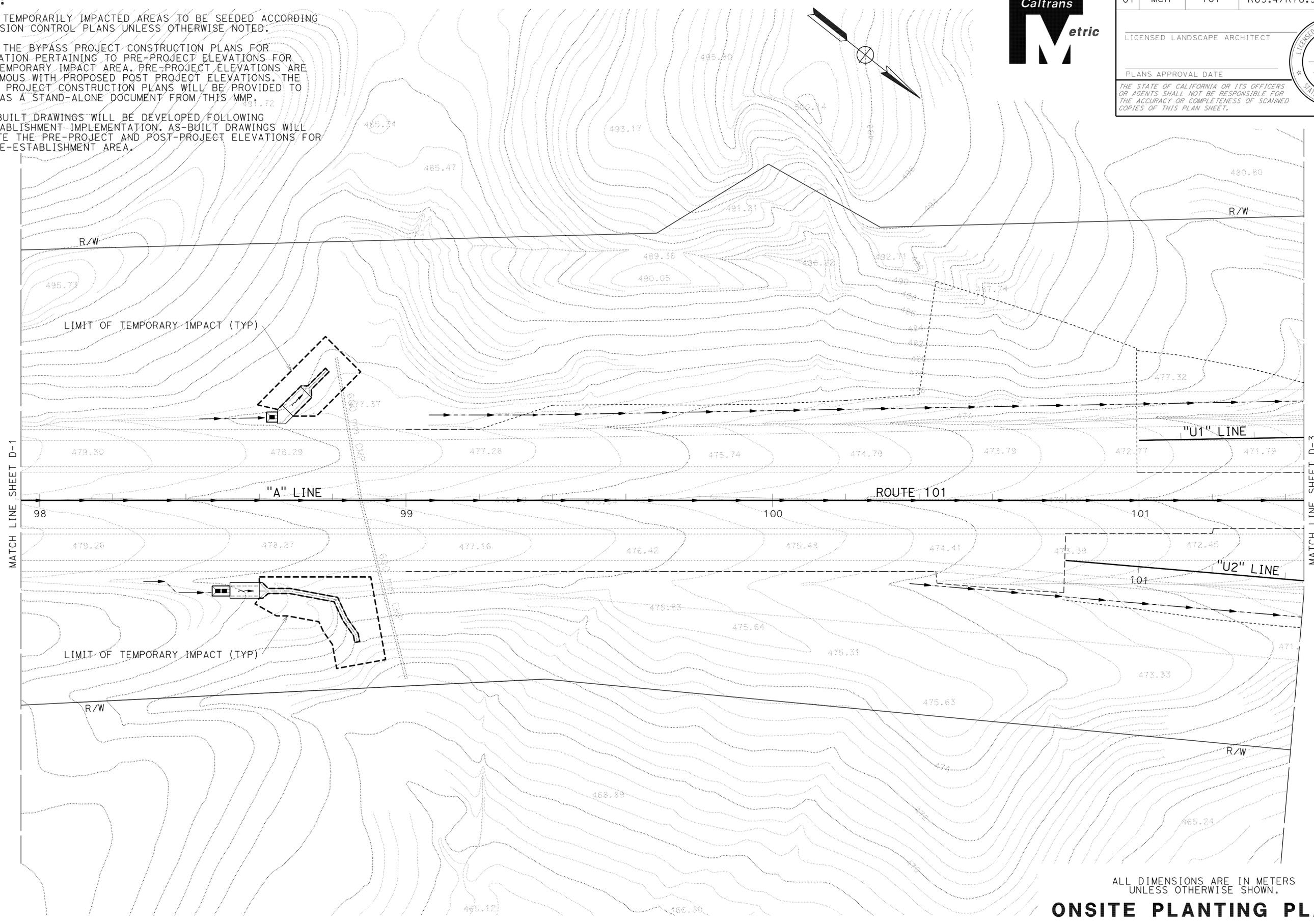


Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	R69.4/R78.9		

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN.
ONSITE PLANTING PLAN
 SCALE 1:500
D-2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans 03-LANDSCAPE ARCHITECTURE

SENIOR LANDSCAPE ARCHITECT
 T. CHRIS JOHNSON

CALCULATED-DESIGNED BY
 CHECKED BY

JEFFREY PIETRZAK

REVISED BY
 DATE REVISED

NOTES:

1. ALL TEMPORARILY IMPACTED AREAS TO BE SEEDED ACCORDING TO EROSION CONTROL PLANS UNLESS OTHERWISE NOTED.
2. SEE THE BYPASS PROJECT CONSTRUCTION PLANS FOR INFORMATION PERTAINING TO PRE-PROJECT ELEVATIONS FOR EACH TEMPORARY IMPACT AREA. PRE-PROJECT ELEVATIONS ARE SYNONYMOUS WITH PROPOSED POST PROJECT ELEVATIONS. THE BYPASS PROJECT CONSTRUCTION PLANS WILL BE PROVIDED TO USACE AS A STAND-ALONE DOCUMENT FROM THIS MMP.
3. AS-BUILT DRAWINGS WILL BE DEVELOPED FOLLOWING RE-ESTABLISHMENT IMPLEMENTATION. AS-BUILT DRAWINGS WILL INDICATE THE PRE-PROJECT AND POST-PROJECT ELEVATIONS FOR EACH RE-ESTABLISHMENT AREA.

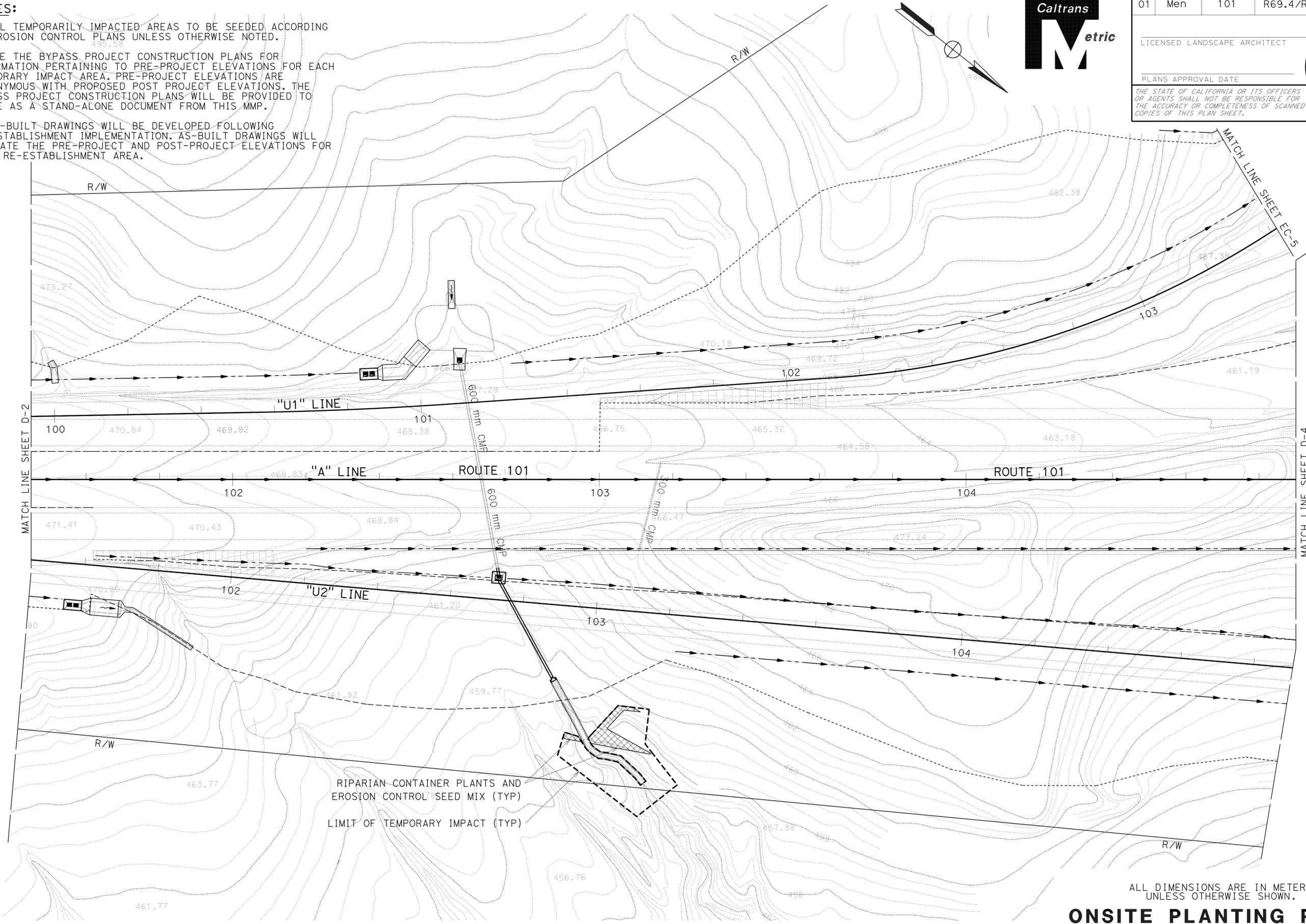


Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	R69.4/R78.9		

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN.
ONSITE PLANTING PLAN
 SCALE 1:500
D-3

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans 03-LANDSCAPE ARCHITECTURE

SENIOR LANDSCAPE ARCHITECT
 T. CHRIS JOHNSON

CALCULATED-DESIGNED BY
 CHECKED BY

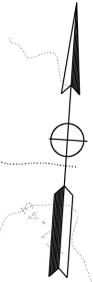
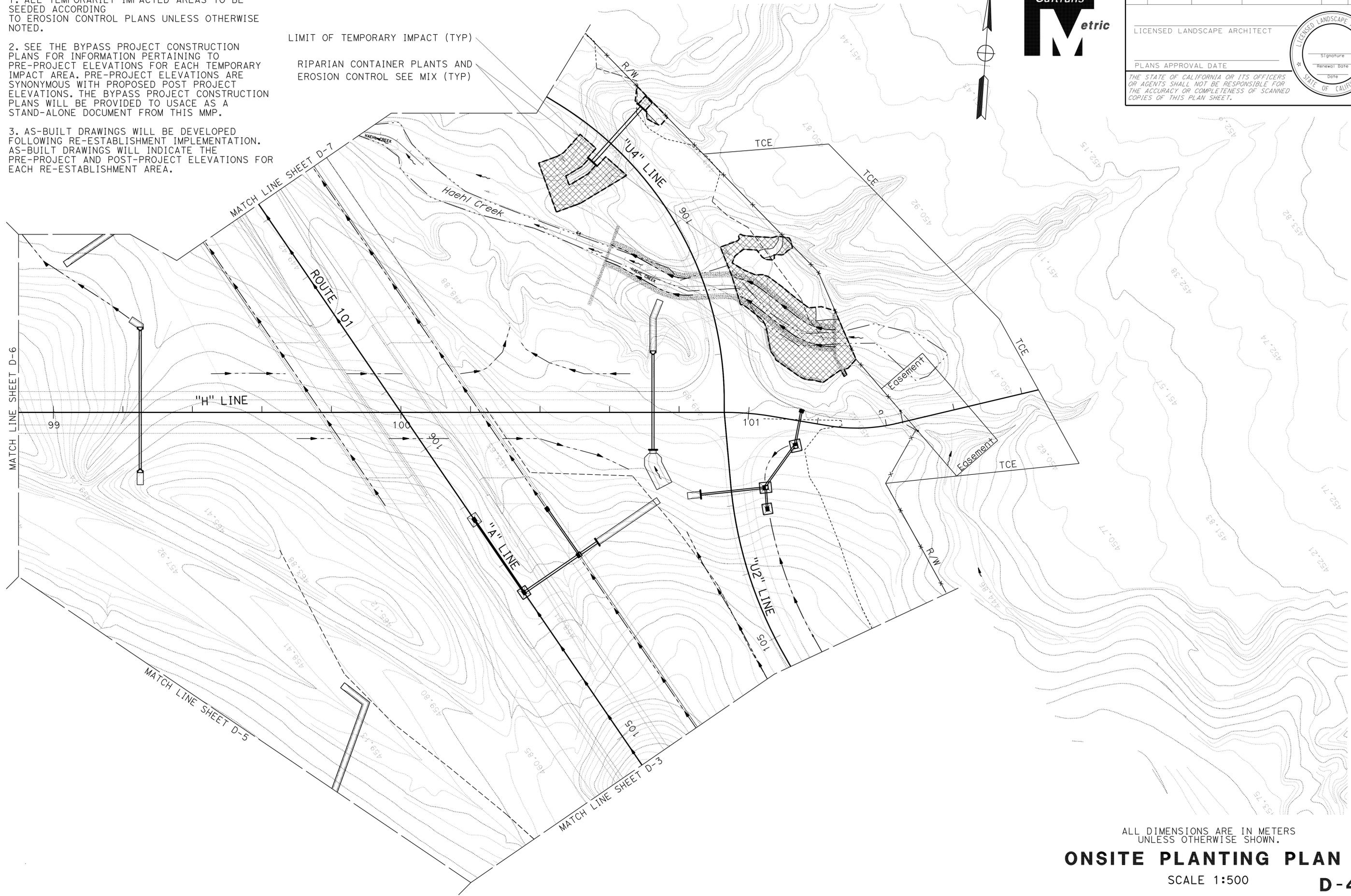
JEFFREY PIETRZAK

REVISED BY
 DATE REVISED

NOTES:

1. ALL TEMPORARILY IMPACTED AREAS TO BE SEEDED ACCORDING TO EROSION CONTROL PLANS UNLESS OTHERWISE NOTED.
2. SEE THE BYPASS PROJECT CONSTRUCTION PLANS FOR INFORMATION PERTAINING TO PRE-PROJECT ELEVATIONS FOR EACH TEMPORARY IMPACT AREA. PRE-PROJECT ELEVATIONS ARE SYNONYMOUS WITH PROPOSED POST PROJECT ELEVATIONS. THE BYPASS PROJECT CONSTRUCTION PLANS WILL BE PROVIDED TO USACE AS A STAND-ALONE DOCUMENT FROM THIS MMP.
3. AS-BUILT DRAWINGS WILL BE DEVELOPED FOLLOWING RE-ESTABLISHMENT IMPLEMENTATION. AS-BUILT DRAWINGS WILL INDICATE THE PRE-PROJECT AND POST-PROJECT ELEVATIONS FOR EACH RE-ESTABLISHMENT AREA.

LIMIT OF TEMPORARY IMPACT (TYP)
 RIPARIAN CONTAINER PLANTS AND EROSION CONTROL SEE MIX (TYP)



Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	R69.4/R78.9		

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

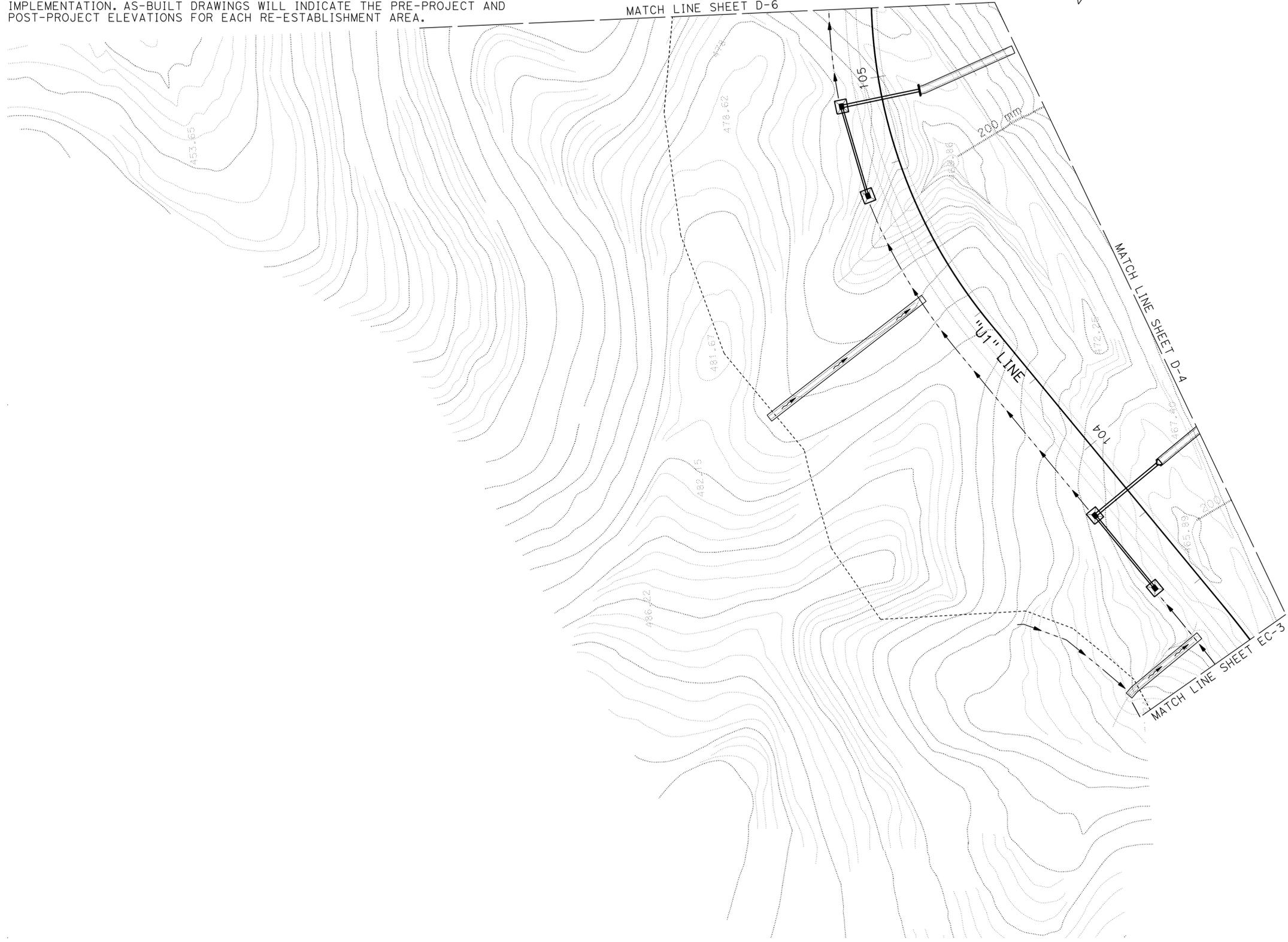


ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN.
ONSITE PLANTING PLAN
 SCALE 1:500
D-4

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	SENIOR LANDSCAPE ARCHITECT		CALCULATED-DESIGNED BY		PIETRZAK		REVISOR	
	T. CHRIS JOHNSON		CHECKED BY		JEFFREY PIETRZAK		DATE	
Caltrans	03-LANDSCAPE ARCHITECTURE		DESIGNED BY		PIETRZAK		DATE	
			CHECKED BY		JEFFREY PIETRZAK		DATE	

NOTES:

1. ALL TEMPORARILY IMPACTED AREAS TO BE SEEDED ACCORDING TO EROSION CONTROL PLANS UNLESS OTHERWISE NOTED.
2. SEE THE BYPASS PROJECT CONSTRUCTION PLANS FOR INFORMATION PERTAINING TO PRE-PROJECT ELEVATIONS FOR EACH TEMPORARY IMPACT AREA. PRE-PROJECT ELEVATIONS ARE SYNONYMOUS WITH PROPOSED POST PROJECT ELEVATIONS. THE BYPASS PROJECT CONSTRUCTION PLANS WILL BE PROVIDED TO USACE AS A STAND-ALONE DOCUMENT FROM THIS MMP.
3. AS-BUILT DRAWINGS WILL BE DEVELOPED FOLLOWING RE-ESTABLISHMENT IMPLEMENTATION. AS-BUILT DRAWINGS WILL INDICATE THE PRE-PROJECT AND POST-PROJECT ELEVATIONS FOR EACH RE-ESTABLISHMENT AREA.



Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	R69.4/R78.9		

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN.

ONSITE PLANTING PLAN

SCALE 1:500

D-5

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans 03-LANDSCAPE ARCHITECTURE

SENIOR LANDSCAPE ARCHITECT
 T. CHRIS JOHNSON

JEFFREY PIETRZAK

REVISOR BY
 DATE REVISED

CALCULATED-DESIGNED BY
 CHECKED BY

NOTES:

1. ALL TEMPORARILY IMPACTED AREAS TO BE SEEDING ACCORDING TO EROSION CONTROL PLANS UNLESS OTHERWISE NOTED.
2. SEE THE BYPASS PROJECT CONSTRUCTION PLANS FOR INFORMATION PERTAINING TO PRE-PROJECT ELEVATIONS FOR EACH TEMPORARY IMPACT AREA. PRE-PROJECT ELEVATIONS ARE SYNONYMOUS WITH PROPOSED POST-PROJECT ELEVATIONS. THE BYPASS PROJECT CONSTRUCTION PLANS WILL BE PROVIDED TO USACE AS A STAND-ALONE DOCUMENT FROM THIS MMP.
3. AS-BUILT DRAWINGS WILL BE DEVELOPED FOLLOWING RE-ESTABLISHMENT IMPLEMENTATION. AS-BUILT DRAWINGS WILL INDICATE THE PRE-PROJECT AND POST-PROJECT ELEVATIONS FOR EACH RE-ESTABLISHMENT AREA.



Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	R69.4/R78.9		

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN.
ONSITE PLANTING PLAN
 SCALE 1:500
D-6

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans 03-LANDSCAPE ARCHITECTURE

SENIOR LANDSCAPE ARCHITECT
 T. CHRIS JOHNSON

CHECKED BY

DESIGNED BY

JEFFREY PIETRZAK

REVISOR BY

DATE REVISED

NOTES:

1. ALL TEMPORARILY IMPACTED AREAS TO BE SEEDED ACCORDING TO EROSION CONTROL PLANS UNLESS OTHERWISE NOTED.
2. SEE THE BYPASS PROJECT CONSTRUCTION PLANS FOR INFORMATION PERTAINING TO PRE-PROJECT ELEVATIONS FOR EACH TEMPORARY IMPACT AREA. PRE-PROJECT ELEVATIONS ARE SYNONYMOUS WITH PROPOSED POST PROJECT ELEVATIONS. THE BYPASS PROJECT CONSTRUCTION PLANS WILL BE PROVIDED TO USACE AS A STAND-ALONE DOCUMENT FROM THIS MMP.
3. AS-BUILT DRAWINGS WILL BE DEVELOPED FOLLOWING RE-ESTABLISHMENT IMPLEMENTATION. AS-BUILT DRAWINGS WILL INDICATE THE PRE-PROJECT AND POST-PROJECT ELEVATIONS FOR EACH RE-ESTABLISHMENT AREA.

LIMIT OF TEMPORARY IMPACT (TYP)
 RIPARIAN CONTAINER PLANTS AND
 EROSION CONTROL SEED MIX (TYP)

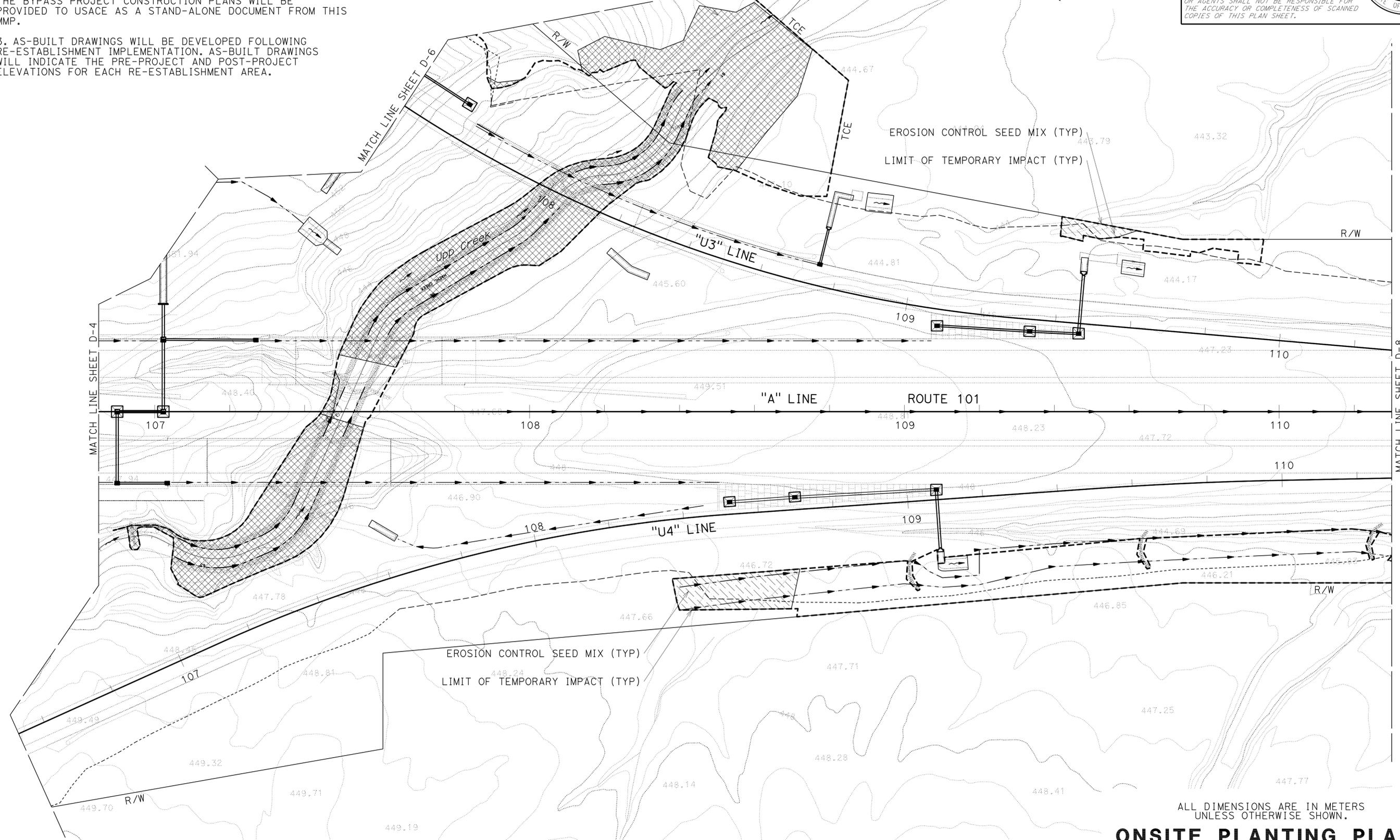


DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	R69.4/R78.9		

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



EROSION CONTROL SEED MIX (TYP)
 LIMIT OF TEMPORARY IMPACT (TYP)

ALL DIMENSIONS ARE IN METERS
 UNLESS OTHERWISE SHOWN.

ONSITE PLANTING PLAN
 SCALE 1:500
D-7

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans 03-LANDSCAPE ARCHITECTURE

SENIOR LANDSCAPE ARCHITECT: T. CHRIS JOHNSON
 CHECKED BY: []
 CALCULATED-DESIGNED BY: []
 JEFFREY PIETRZAK
 REVISOR: []
 DATE REVISED: []

NOTES:

1. ALL TEMPORARILY IMPACTED AREAS TO BE SEEDED ACCORDING TO EROSION CONTROL PLANS UNLESS OTHERWISE NOTED.
2. SEE THE BYPASS PROJECT CONSTRUCTION PLANS FOR INFORMATION PERTAINING TO PRE-PROJECT ELEVATIONS FOR EACH TEMPORARY IMPACT AREA. PRE-PROJECT ELEVATIONS ARE SYNONYMOUS WITH PROPOSED POST PROJECT ELEVATIONS. THE BYPASS PROJECT CONSTRUCTION PLANS WILL BE PROVIDED TO USACE AS A STAND-ALONE DOCUMENT FROM THIS MMP.
3. AS-BUILT DRAWINGS WILL BE DEVELOPED FOLLOWING RE-ESTABLISHMENT IMPLEMENTATION. AS-BUILT DRAWINGS WILL INDICATE THE PRE-PROJECT AND POST-PROJECT ELEVATIONS FOR EACH RE-ESTABLISHMENT AREA.

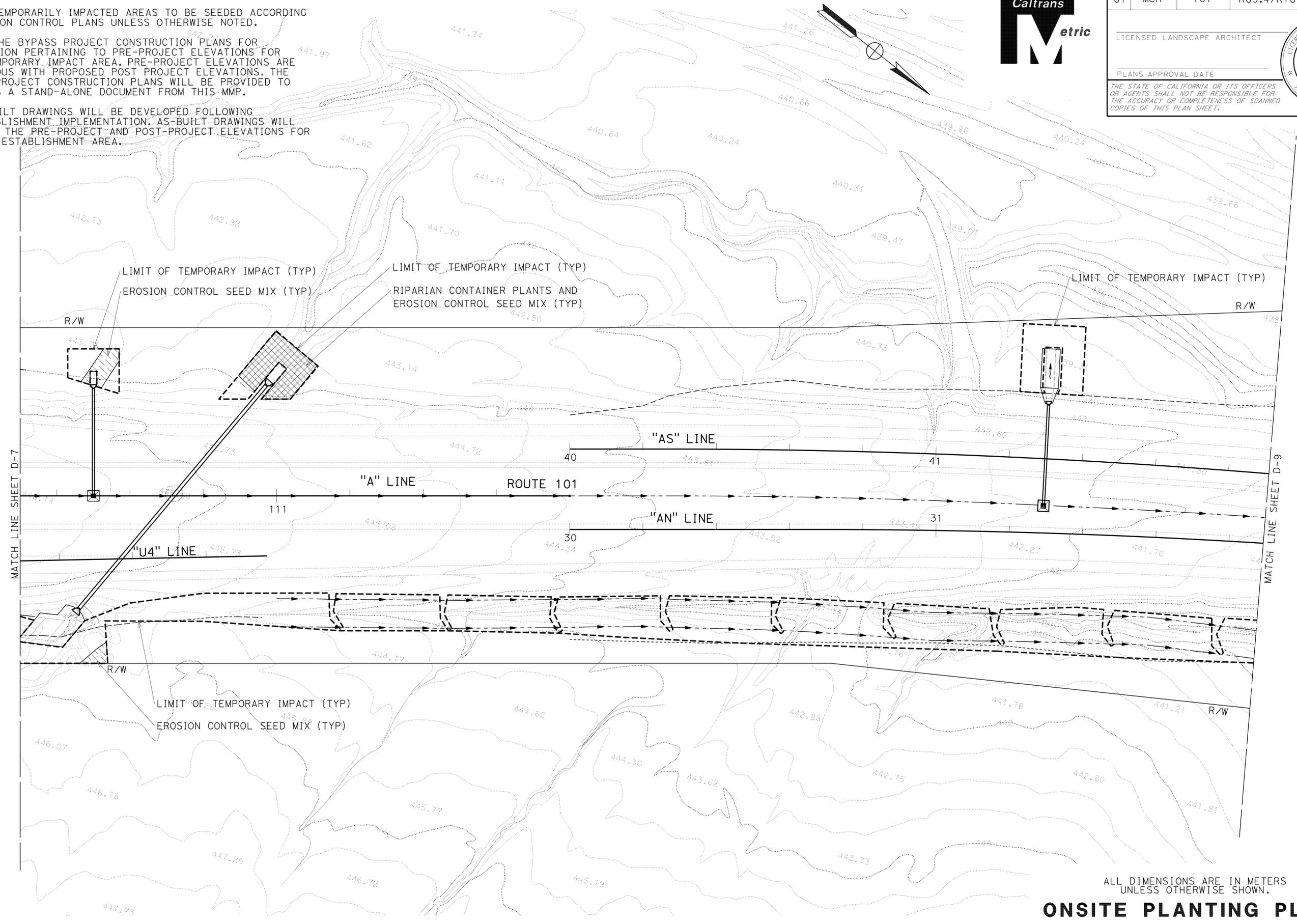


Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	R69.4/R78.9		

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE: _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN.
ONSITE PLANTING PLAN
 SCALE 1:500
D-8



Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	R69.4/R78.9		

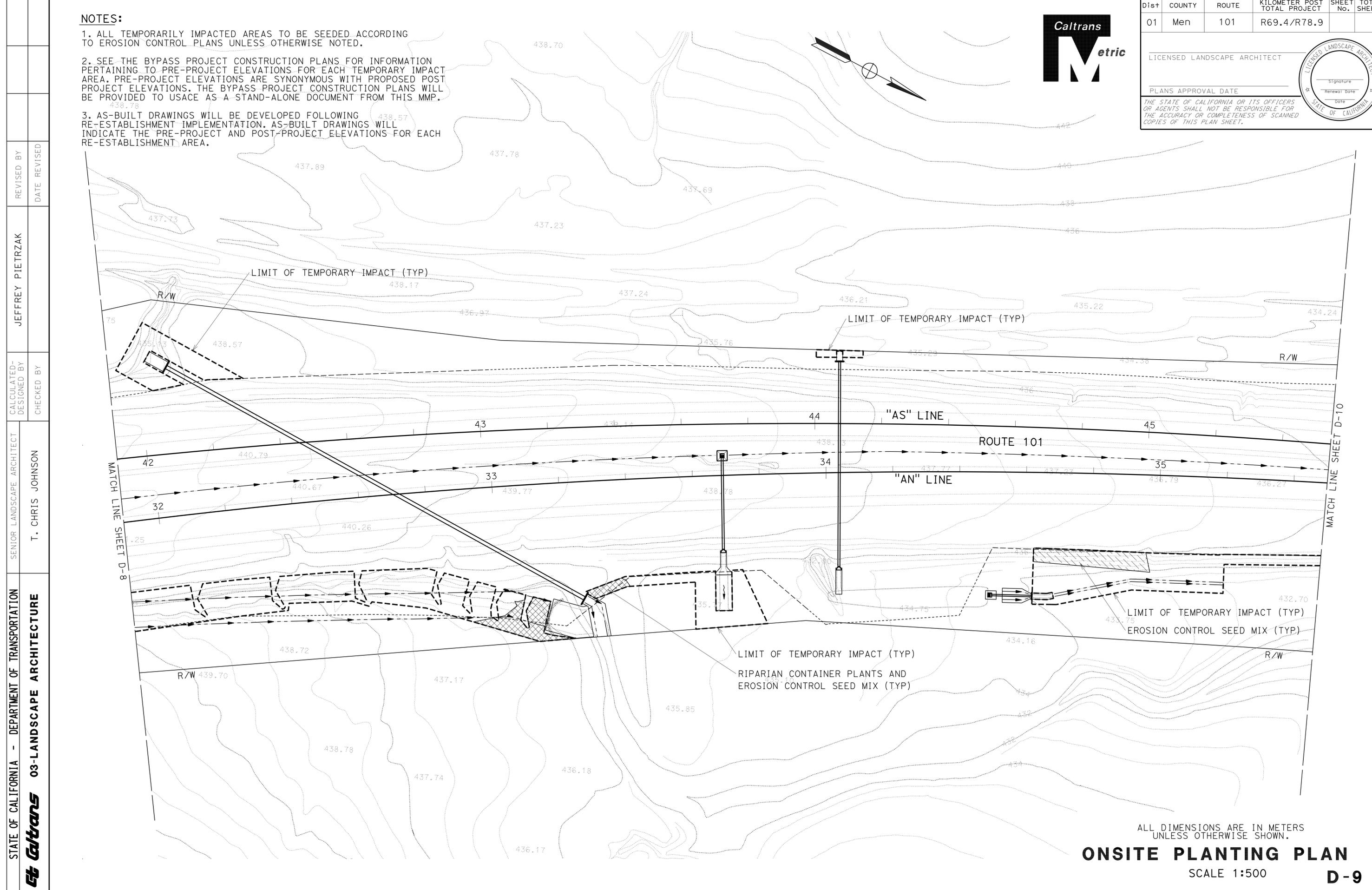
LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTES:

1. ALL TEMPORARILY IMPACTED AREAS TO BE SEEDED ACCORDING TO EROSION CONTROL PLANS UNLESS OTHERWISE NOTED.
2. SEE THE BYPASS PROJECT CONSTRUCTION PLANS FOR INFORMATION PERTAINING TO PRE-PROJECT ELEVATIONS FOR EACH TEMPORARY IMPACT AREA. PRE-PROJECT ELEVATIONS ARE SYNONYMOUS WITH PROPOSED POST PROJECT ELEVATIONS. THE BYPASS PROJECT CONSTRUCTION PLANS WILL BE PROVIDED TO USACE AS A STAND-ALONE DOCUMENT FROM THIS MMP.
3. AS-BUILT DRAWINGS WILL BE DEVELOPED FOLLOWING RE-ESTABLISHMENT IMPLEMENTATION. AS-BUILT DRAWINGS WILL INDICATE THE PRE-PROJECT AND POST-PROJECT ELEVATIONS FOR EACH RE-ESTABLISHMENT AREA.



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans 03-LANDSCAPE ARCHITECTURE

SENIOR LANDSCAPE ARCHITECT
 T. CHRIS JOHNSON

CALCULATED-DESIGNED BY
 CHECKED BY

JEFFREY PIETRZAK

REVISOR BY
 DATE REVISED

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN.

ONSITE PLANTING PLAN

SCALE 1:500

D-9

SENIOR LANDSCAPE ARCHITECT
 T. CHRIS JOHNSON

CALCULATED-DESIGNED BY
 CHECKED BY

JEFFREY PIETRZAK

REVISED BY
 DATE REVISED

NOTES:

1. ALL TEMPORARILY IMPACTED AREAS TO BE SEEDED ACCORDING TO EROSION CONTROL PLANS UNLESS OTHERWISE NOTED.
2. SEE THE BYPASS PROJECT CONSTRUCTION PLANS FOR INFORMATION PERTAINING TO PRE-PROJECT ELEVATIONS FOR EACH TEMPORARY IMPACT AREA. PRE-PROJECT ELEVATIONS ARE SYNONYMOUS WITH PROPOSED POST PROJECT ELEVATIONS. THE BYPASS PROJECT CONSTRUCTION PLANS WILL BE PROVIDED TO USACE AS A STAND-ALONE DOCUMENT FROM THIS MMP.
3. AS-BUILT DRAWINGS WILL BE DEVELOPED FOLLOWING RE-ESTABLISHMENT IMPLEMENTATION. AS-BUILT DRAWINGS WILL INDICATE THE PRE-PROJECT AND POST-PROJECT ELEVATIONS FOR EACH RE-ESTABLISHMENT AREA.

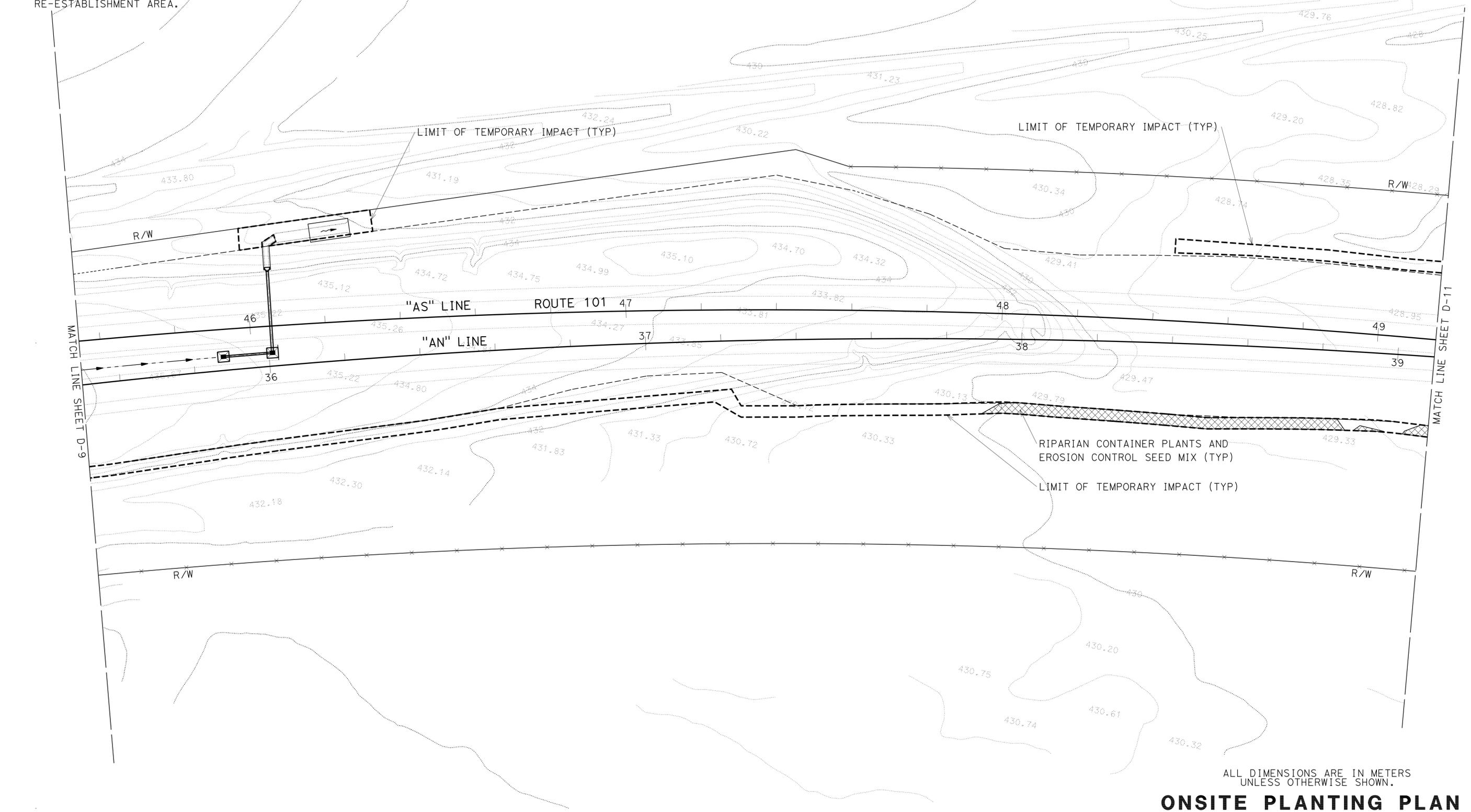


Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	R69.4/R78.9		

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN.
ONSITE PLANTING PLAN
 SCALE 1:500
D-10



Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	R69.4/R78.9		

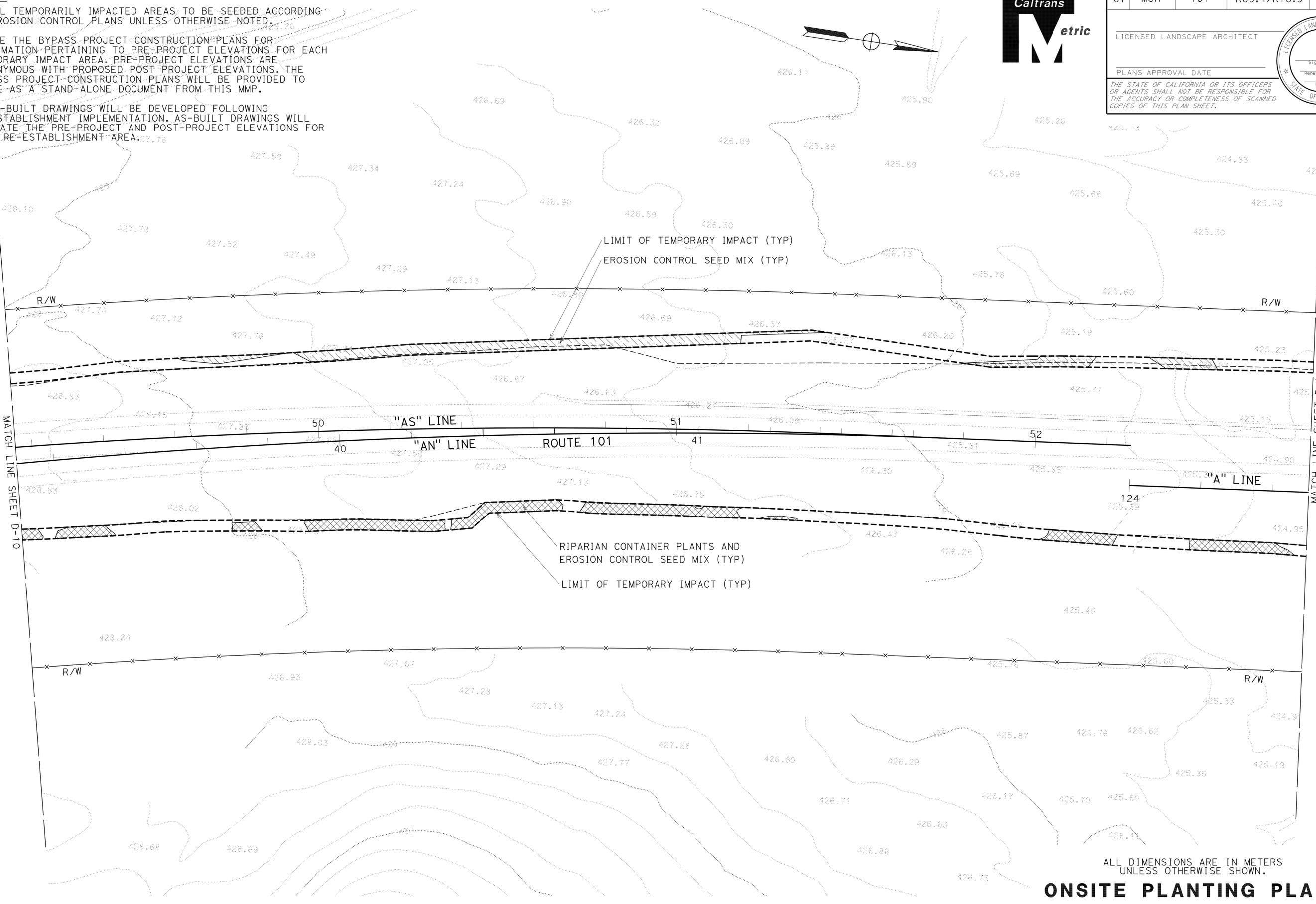
LICENSED LANDSCAPE ARCHITECT	
Signature	_____
Renewal Date	_____
Date	_____
PLANS APPROVAL DATE _____	

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



NOTES:

1. ALL TEMPORARILY IMPACTED AREAS TO BE SEEDED ACCORDING TO EROSION CONTROL PLANS UNLESS OTHERWISE NOTED.
2. SEE THE BYPASS PROJECT CONSTRUCTION PLANS FOR INFORMATION PERTAINING TO PRE-PROJECT ELEVATIONS FOR EACH TEMPORARY IMPACT AREA. PRE-PROJECT ELEVATIONS ARE SYNONYMOUS WITH PROPOSED POST PROJECT ELEVATIONS. THE BYPASS PROJECT CONSTRUCTION PLANS WILL BE PROVIDED TO USACE AS A STAND-ALONE DOCUMENT FROM THIS MMP.
3. AS-BUILT DRAWINGS WILL BE DEVELOPED FOLLOWING RE-ESTABLISHMENT IMPLEMENTATION. AS-BUILT DRAWINGS WILL INDICATE THE PRE-PROJECT AND POST-PROJECT ELEVATIONS FOR EACH RE-ESTABLISHMENT AREA.



ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE SHOWN.

ONSITE PLANTING PLAN
SCALE 1:500
D-11

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	REVISOR	DATE
Caltrans	JEFFREY PIETRZAK	
03-LANDSCAPE ARCHITECTURE	CHECKED BY	
	T. CHRIS JOHNSON	
	SENIOR LANDSCAPE ARCHITECT	
	CALCULATED-DESIGNED BY	
	JEFFREY PIETRZAK	
	REVISOR	
	DATE	
	REVISOR	
	DATE	

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans 03-LANDSCAPE ARCHITECTURE

SENIOR LANDSCAPE ARCHITECT
 T. CHRIS JOHNSON

CHECKED BY
 JEFFREY PIETRZAK

REVISOR BY
 DATE REVISED

NOTES:

1. ALL TEMPORARILY IMPACTED AREAS TO BE SEEDED ACCORDING TO EROSION CONTROL PLANS UNLESS OTHERWISE NOTED.
2. SEE THE BYPASS PROJECT CONSTRUCTION PLANS FOR INFORMATION PERTAINING TO PRE-PROJECT ELEVATIONS FOR EACH TEMPORARY IMPACT AREA. PRE-PROJECT ELEVATIONS ARE SYNONYMOUS WITH PROPOSED POST PROJECT ELEVATIONS. THE BYPASS PROJECT CONSTRUCTION PLANS WILL BE PROVIDED TO USACE AS A STAND-ALONE DOCUMENT FROM THIS MMP.
3. AS-BUILT DRAWINGS WILL BE DEVELOPED FOLLOWING RE-ESTABLISHMENT IMPLEMENTATION. AS-BUILT DRAWINGS WILL INDICATE THE PRE-PROJECT AND POST-PROJECT ELEVATIONS FOR EACH RE-ESTABLISHMENT AREA.

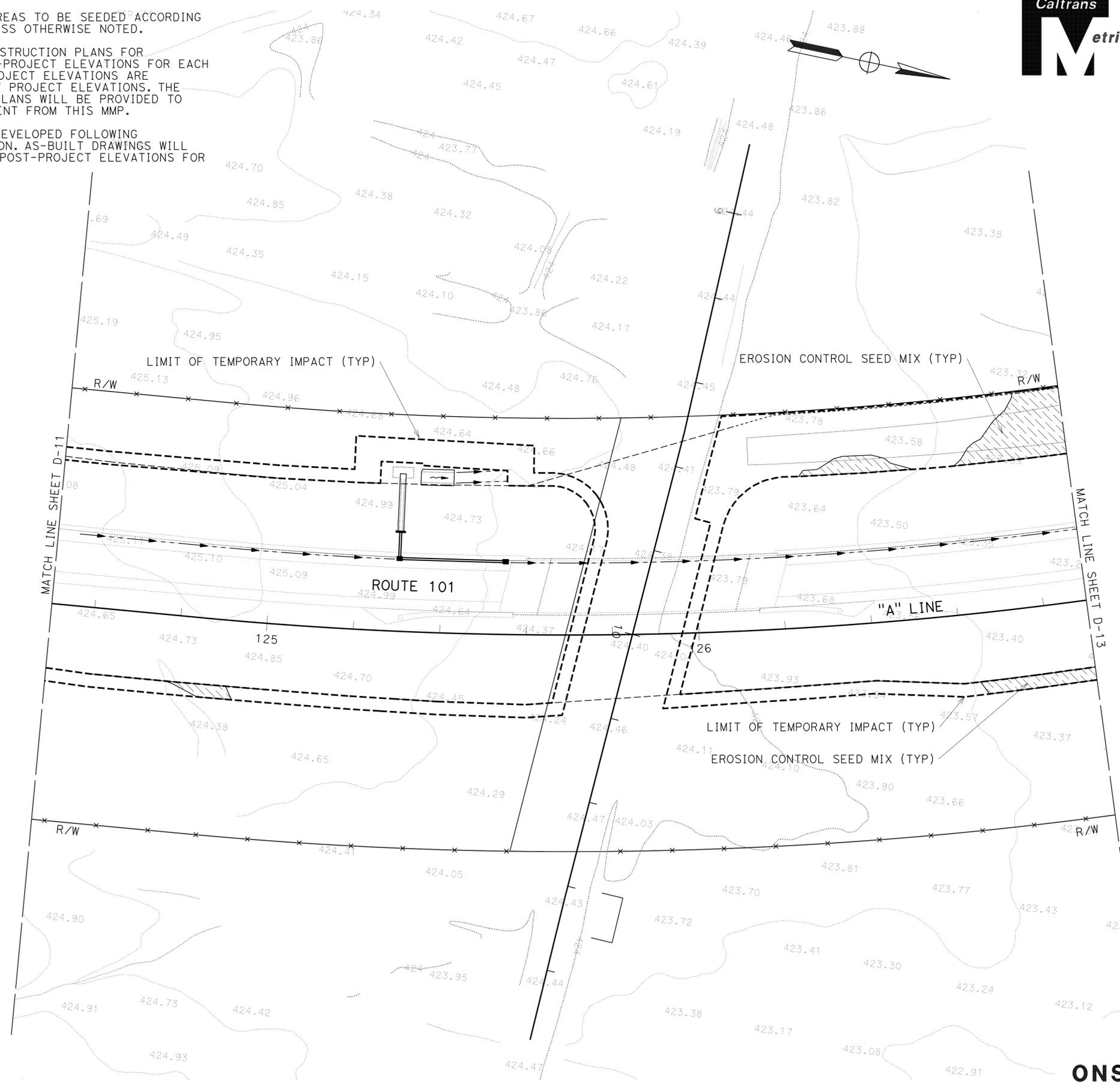


Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	R69.4/R78.9		

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN.

ONSITE PLANTING PLAN
 SCALE 1:500
D-12

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans 03-LANDSCAPE ARCHITECTURE

SENIOR LANDSCAPE ARCHITECT
 T. CHRIS JOHNSON

CALCULATED-DESIGNED BY
 CHECKED BY

JEFFREY PIETRZAK

REVISED BY
 DATE REVISED

NOTES:

1. ALL TEMPORARILY IMPACTED AREAS TO BE SEEDED ACCORDING TO EROSION CONTROL PLANS UNLESS OTHERWISE NOTED.
2. SEE THE BYPASS PROJECT CONSTRUCTION PLANS FOR INFORMATION PERTAINING TO PRE-PROJECT ELEVATIONS FOR EACH TEMPORARY IMPACT AREA. PRE-PROJECT ELEVATIONS ARE SYNONYMOUS WITH PROPOSED POST PROJECT ELEVATIONS. THE BYPASS PROJECT CONSTRUCTION PLANS WILL BE PROVIDED TO USACE AS A STAND-ALONE DOCUMENT FROM THIS MMP.
3. AS-BUILT DRAWINGS WILL BE DEVELOPED FOLLOWING RE-ESTABLISHMENT IMPLEMENTATION. AS-BUILT DRAWINGS WILL INDICATE THE PRE-PROJECT AND POST-PROJECT ELEVATIONS FOR EACH RE-ESTABLISHMENT AREA.

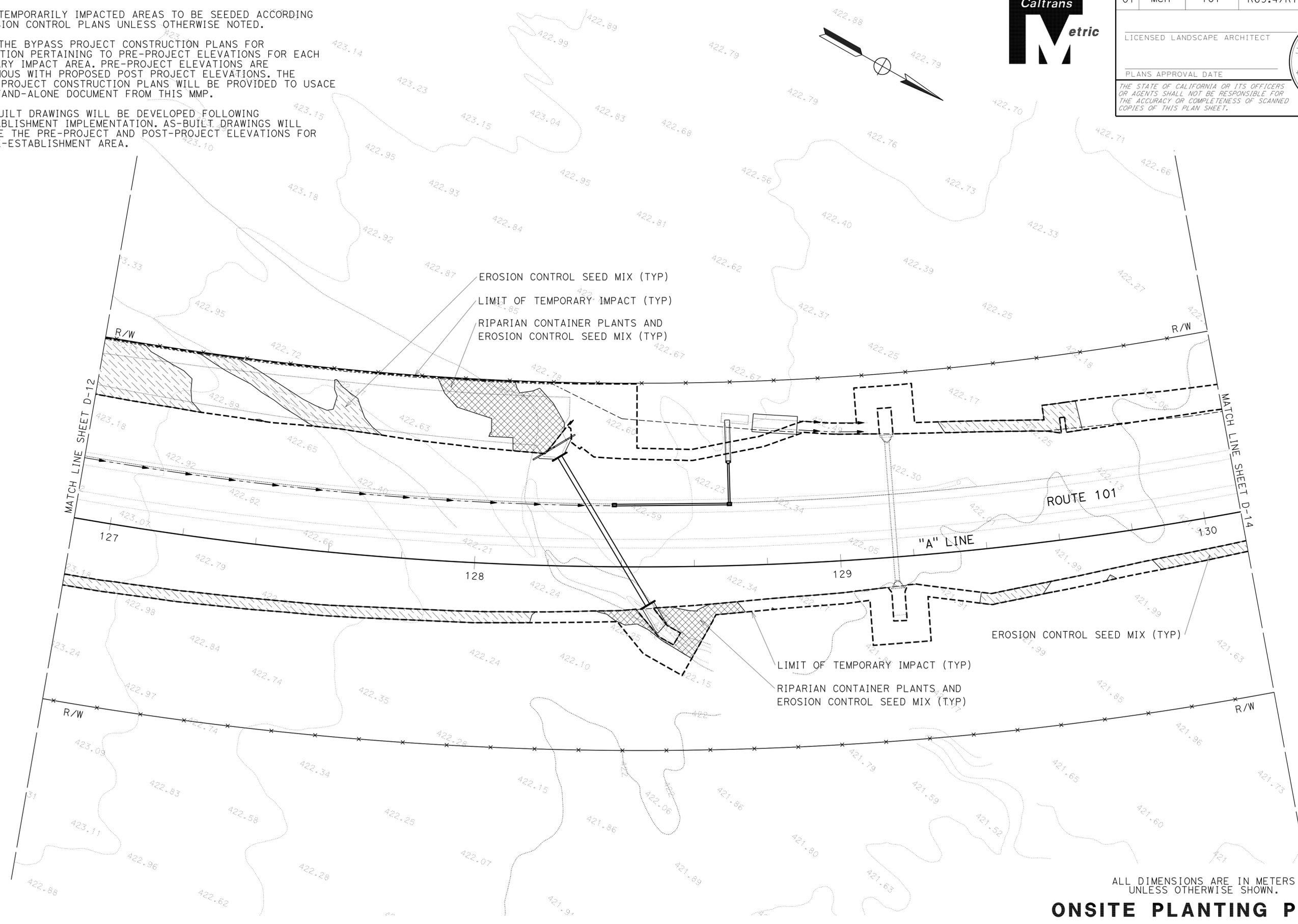


Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	R69.4/R78.9		

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



ONSITE PLANTING PLAN
 SCALE 1:500
D-13

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans 03-LANDSCAPE ARCHITECTURE

SENIOR LANDSCAPE ARCHITECT
 T. CHRIS JOHNSON

CALCULATED-DESIGNED BY
 CHECKED BY

JEFFREY PIETRZAK

REVISED BY
 DATE REVISED

NOTES:

1. ALL TEMPORARILY IMPACTED AREAS TO BE SEEDING ACCORDING TO EROSION CONTROL PLANS UNLESS OTHERWISE NOTED.
2. SEE THE BYPASS PROJECT CONSTRUCTION PLANS FOR INFORMATION PERTAINING TO PRE-PROJECT ELEVATIONS FOR EACH TEMPORARY IMPACT AREA. PRE-PROJECT ELEVATIONS ARE SYNONYMOUS WITH PROPOSED POST PROJECT ELEVATIONS. THE BYPASS PROJECT CONSTRUCTION PLANS WILL BE PROVIDED TO USACE AS A STAND-ALONE DOCUMENT FROM THIS MMP.
3. AS-BUILT DRAWINGS WILL BE DEVELOPED FOLLOWING RE-ESTABLISHMENT IMPLEMENTATION. AS-BUILT DRAWINGS WILL INDICATE THE PRE-PROJECT AND POST-PROJECT ELEVATIONS FOR EACH RE-ESTABLISHMENT AREA.

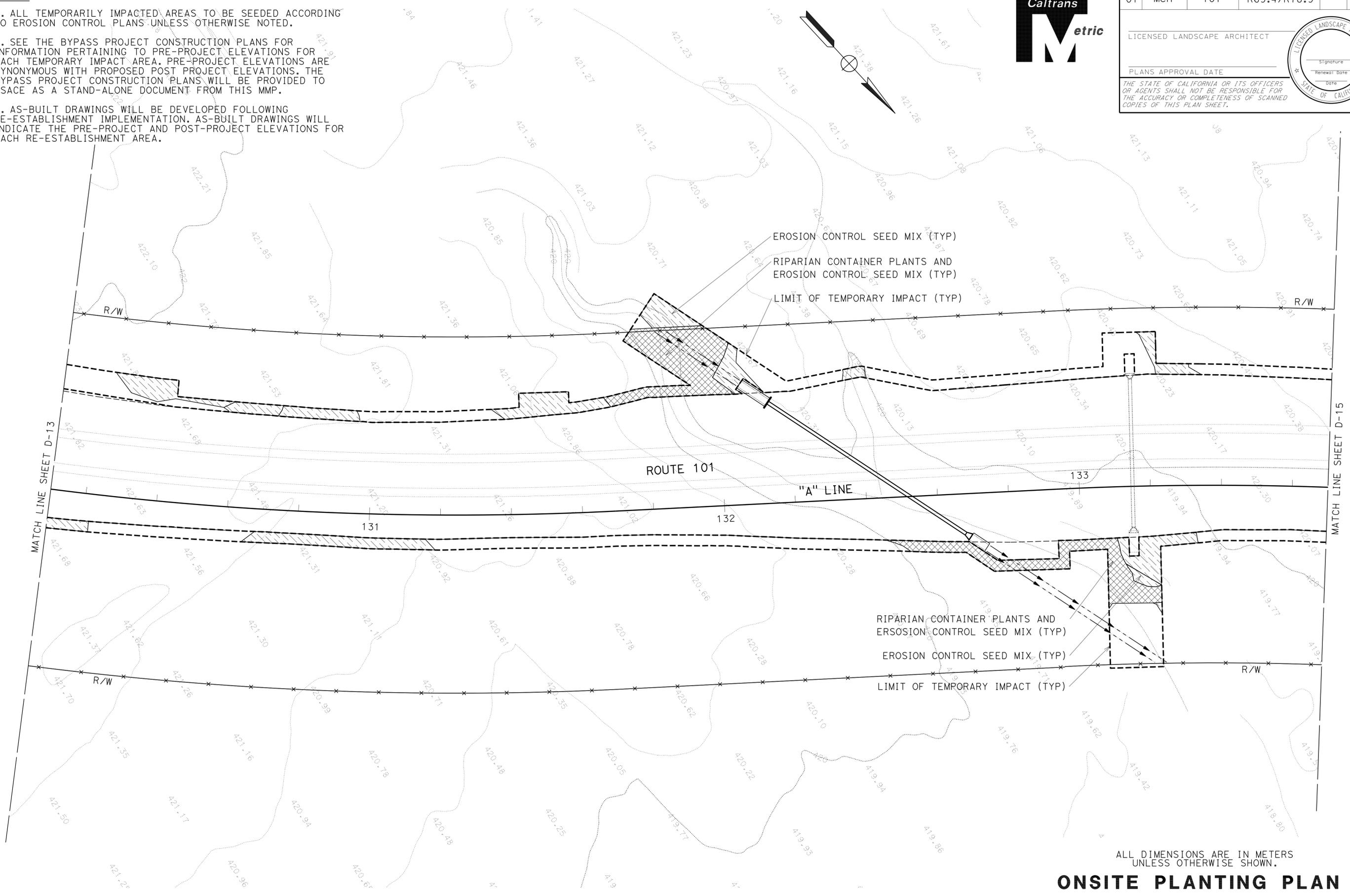


Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	R69.4/R78.9		

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN.
ONSITE PLANTING PLAN
 SCALE 1:500 **D-14**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans 03-LANDSCAPE ARCHITECTURE

SENIOR LANDSCAPE ARCHITECT
 T. CHRIS JOHNSON

CALCULATED-DESIGNED BY
 CHECKED BY

JEFFREY PIETRZAK

REVISED BY
 DATE REVISED

NOTES:

1. ALL TEMPORARILY IMPACTED AREAS TO BE SEEDED ACCORDING TO EROSION CONTROL PLANS UNLESS OTHERWISE NOTED.
2. SEE THE BYPASS PROJECT CONSTRUCTION PLANS FOR INFORMATION PERTAINING TO PRE-PROJECT ELEVATIONS FOR EACH TEMPORARY IMPACT AREA. PRE-PROJECT ELEVATIONS ARE SYNONYMOUS WITH PROPOSED POST PROJECT ELEVATIONS. THE BYPASS PROJECT CONSTRUCTION PLANS WILL BE PROVIDED TO USACE AS A STAND-ALONE DOCUMENT FROM THIS MMP.
3. AS-BUILT DRAWINGS WILL BE DEVELOPED FOLLOWING RE-ESTABLISHMENT IMPLEMENTATION. AS-BUILT DRAWINGS WILL INDICATE THE PRE-PROJECT AND POST-PROJECT ELEVATIONS FOR EACH RE-ESTABLISHMENT AREA.

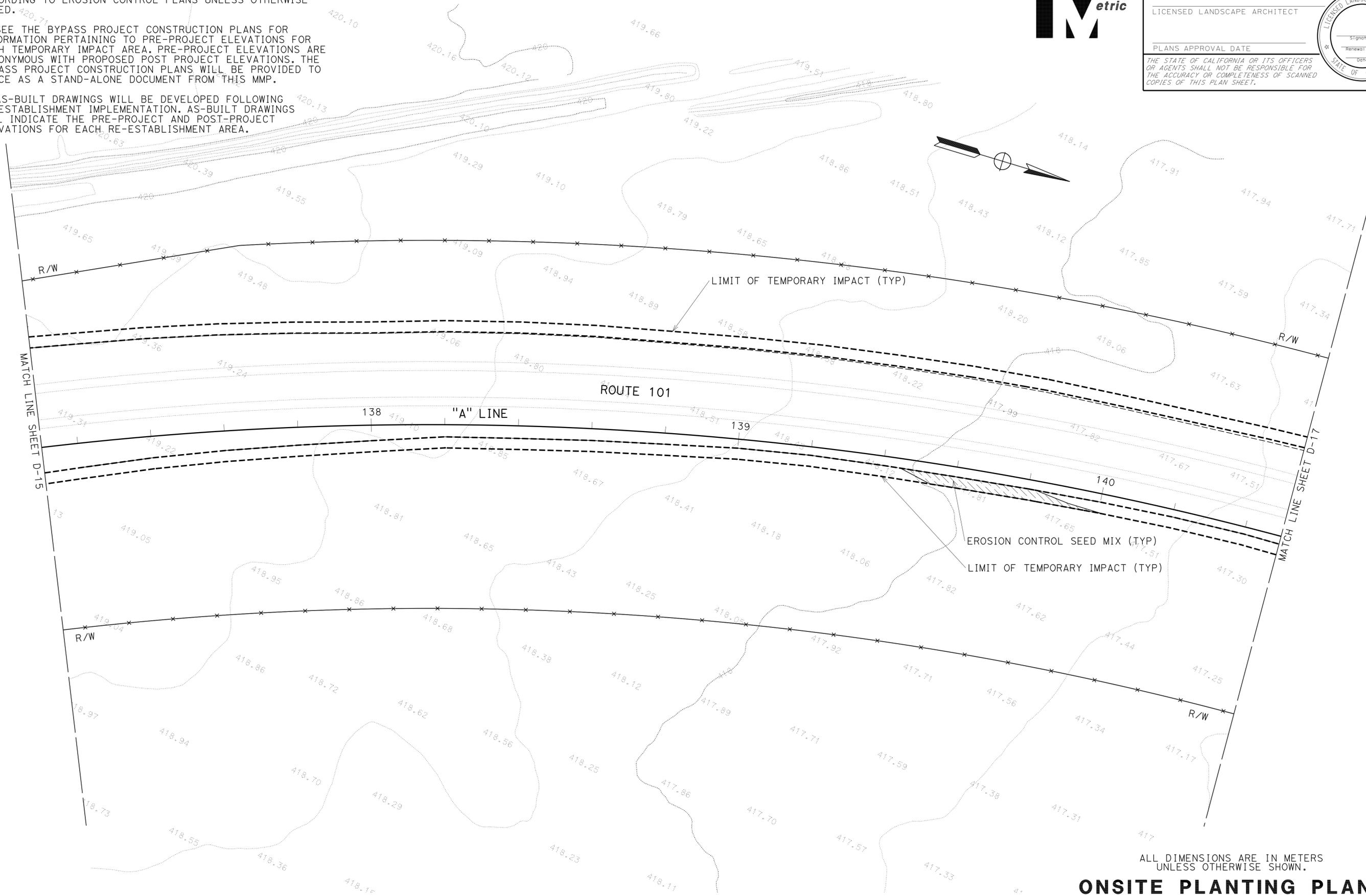


Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	R69.4/R78.9		

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN.

ONSITE PLANTING PLAN
 SCALE 1:500
D-16



Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	R69.4/R78.9		

LICENSED LANDSCAPE ARCHITECT

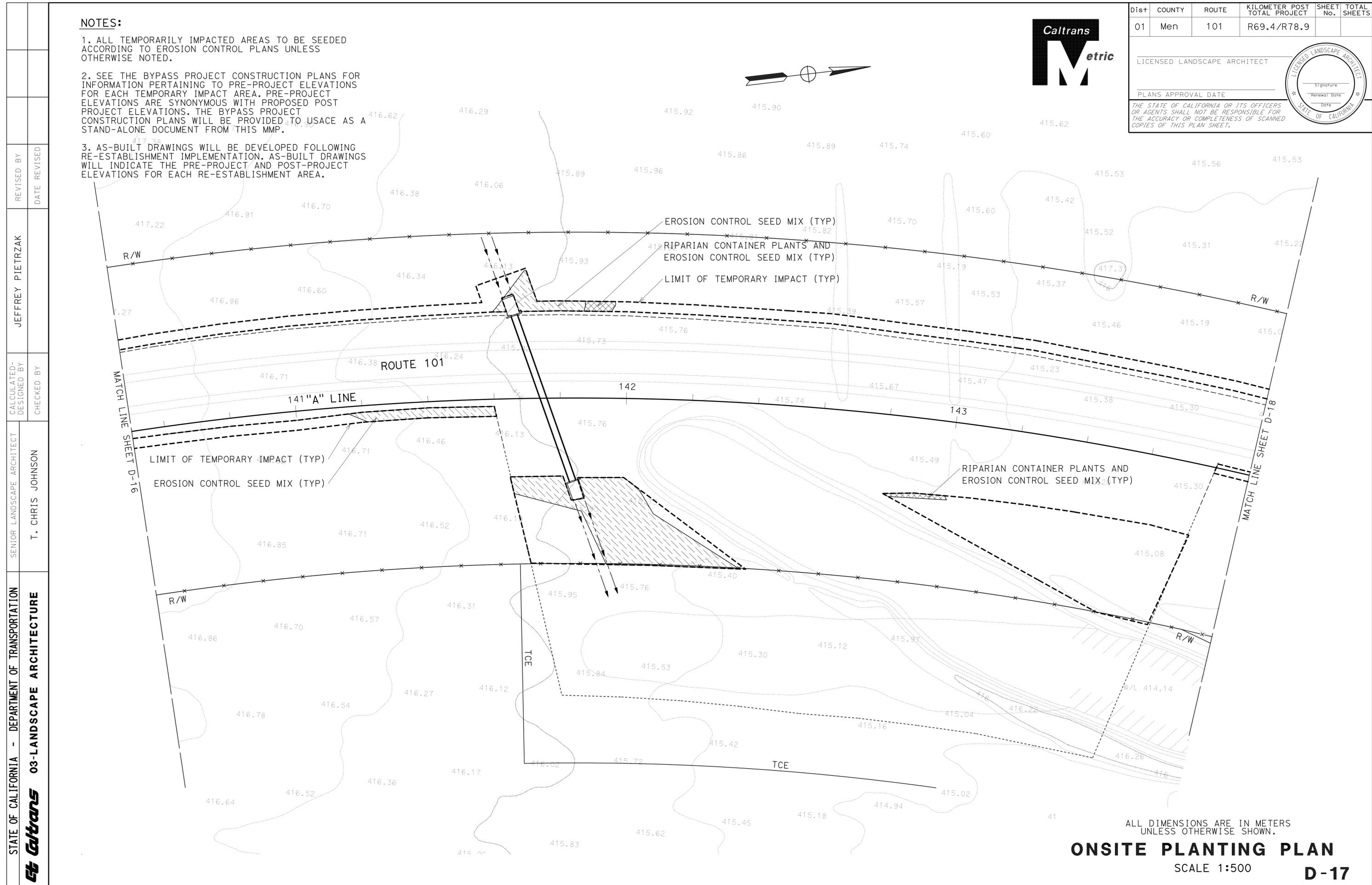
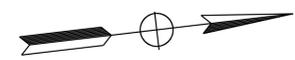
PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



NOTES:

1. ALL TEMPORARILY IMPACTED AREAS TO BE SEEDED ACCORDING TO EROSION CONTROL PLANS UNLESS OTHERWISE NOTED.
2. SEE THE BYPASS PROJECT CONSTRUCTION PLANS FOR INFORMATION PERTAINING TO PRE-PROJECT ELEVATIONS FOR EACH TEMPORARY IMPACT AREA. PRE-PROJECT ELEVATIONS ARE SYNONYMOUS WITH PROPOSED POST PROJECT ELEVATIONS. THE BYPASS PROJECT CONSTRUCTION PLANS WILL BE PROVIDED TO USACE AS A STAND-ALONE DOCUMENT FROM THIS MMP.
3. AS-BUILT DRAWINGS WILL BE DEVELOPED FOLLOWING RE-ESTABLISHMENT IMPLEMENTATION. AS-BUILT DRAWINGS WILL INDICATE THE PRE-PROJECT AND POST-PROJECT ELEVATIONS FOR EACH RE-ESTABLISHMENT AREA.



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	REVISOR	DATE
Caltrans	JEFFREY PIETRZAK	
03-LANDSCAPE ARCHITECTURE	CHECKED BY	
	T. CHRIS JOHNSON	
	SENIOR LANDSCAPE ARCHITECT	
	DESIGNED BY	
	CALCULATED-	
	DESIGNED BY	
	JEFFREY PIETRZAK	
	REVISOR	
	DATE	
	REVISOR	
	DATE	

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN.

ONSITE PLANTING PLAN
SCALE 1:500
D-17



SENIOR LANDSCAPE ARCHITECT
 T. CHRIS JOHNSON

CALCULATED-DESIGNED BY
 CHECKED BY

JEFFREY PIETRZAK

REVISED BY
 DATE REVISED

NOTES:

1. ALL TEMPORARILY IMPACTED AREAS TO BE SEEDED ACCORDING TO EROSION CONTROL PLANS UNLESS OTHERWISE NOTED.
2. SEE THE BYPASS PROJECT CONSTRUCTION PLANS FOR INFORMATION PERTAINING TO PRE-PROJECT ELEVATIONS FOR EACH TEMPORARY IMPACT AREA. PRE-PROJECT ELEVATIONS ARE SYNONYMOUS WITH PROPOSED POST PROJECT ELEVATIONS. THE BYPASS PROJECT CONSTRUCTION PLANS WILL BE PROVIDED TO USACE AS A STAND-ALONE DOCUMENT FROM THIS MMP.
3. AS-BUILT DRAWINGS WILL BE DEVELOPED FOLLOWING RE-ESTABLISHMENT IMPLEMENTATION. AS-BUILT DRAWINGS WILL INDICATE THE PRE-PROJECT AND POST-PROJECT ELEVATIONS FOR EACH RE-ESTABLISHMENT AREA.

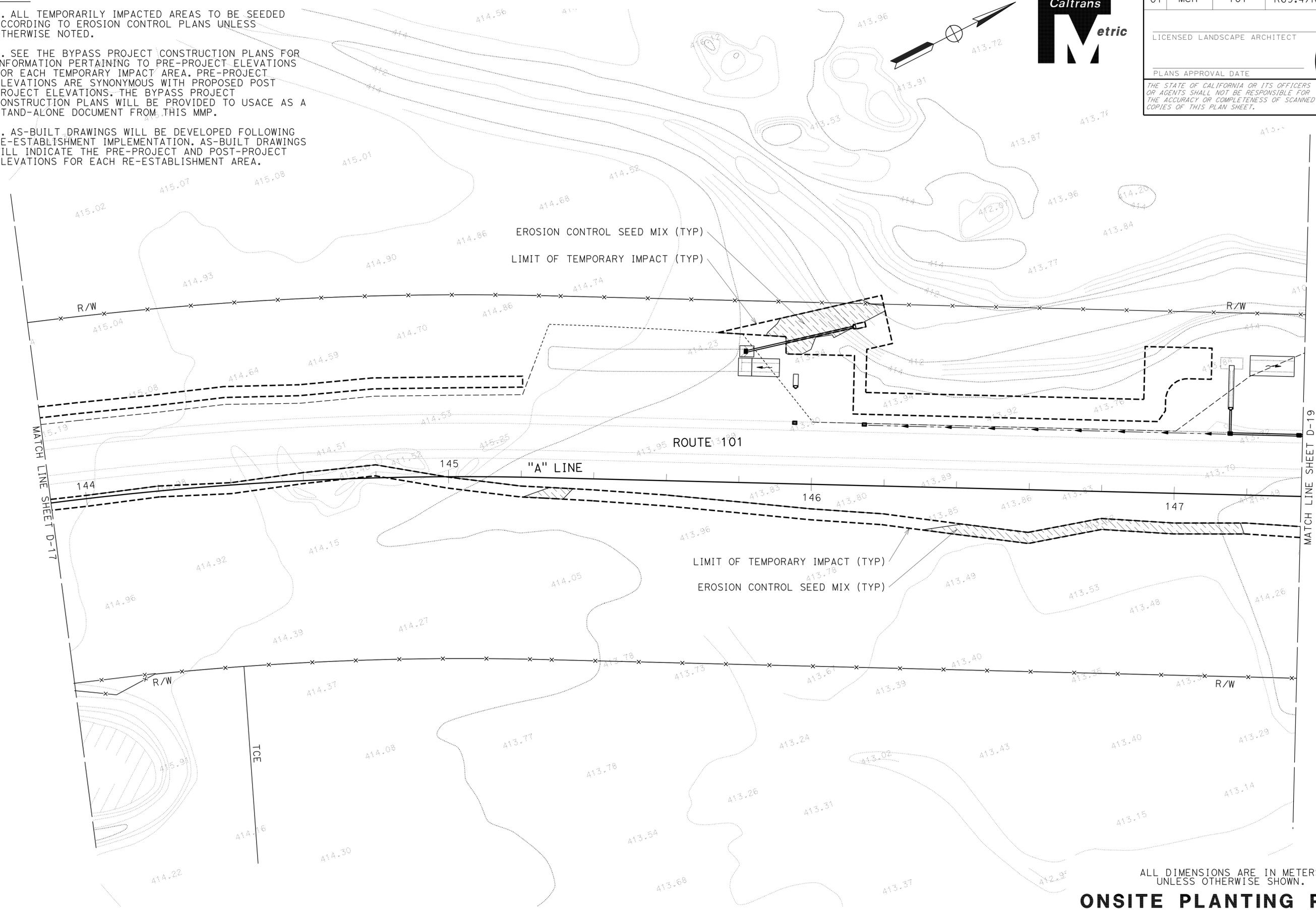


Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	R69.4/R78.9		

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN.

ONSITE PLANTING PLAN
 SCALE 1:500
D-18

SENIOR LANDSCAPE ARCHITECT
 T. CHRIS JOHNSON

CALCULATED-DESIGNED BY
 CHECKED BY

JEFFREY PIETRZAK

REVISED BY
 DATE REVISED

NOTES:

1. ALL TEMPORARILY IMPACTED AREAS TO BE SEEDED ACCORDING TO EROSION CONTROL PLANS UNLESS OTHERWISE NOTED.
2. SEE THE BYPASS PROJECT CONSTRUCTION PLANS FOR INFORMATION PERTAINING TO PRE-PROJECT ELEVATIONS FOR EACH TEMPORARY IMPACT AREA. PRE-PROJECT ELEVATIONS ARE SYNONYMOUS WITH PROPOSED POST PROJECT ELEVATIONS. THE BYPASS PROJECT CONSTRUCTION PLANS WILL BE PROVIDED TO USACE AS A STAND-ALONE DOCUMENT FROM THIS MMP.
3. AS-BUILT DRAWINGS WILL BE DEVELOPED FOLLOWING RE-ESTABLISHMENT IMPLEMENTATION. AS-BUILT DRAWINGS WILL INDICATE THE PRE-PROJECT AND POST-PROJECT ELEVATIONS FOR EACH RE-ESTABLISHMENT AREA.

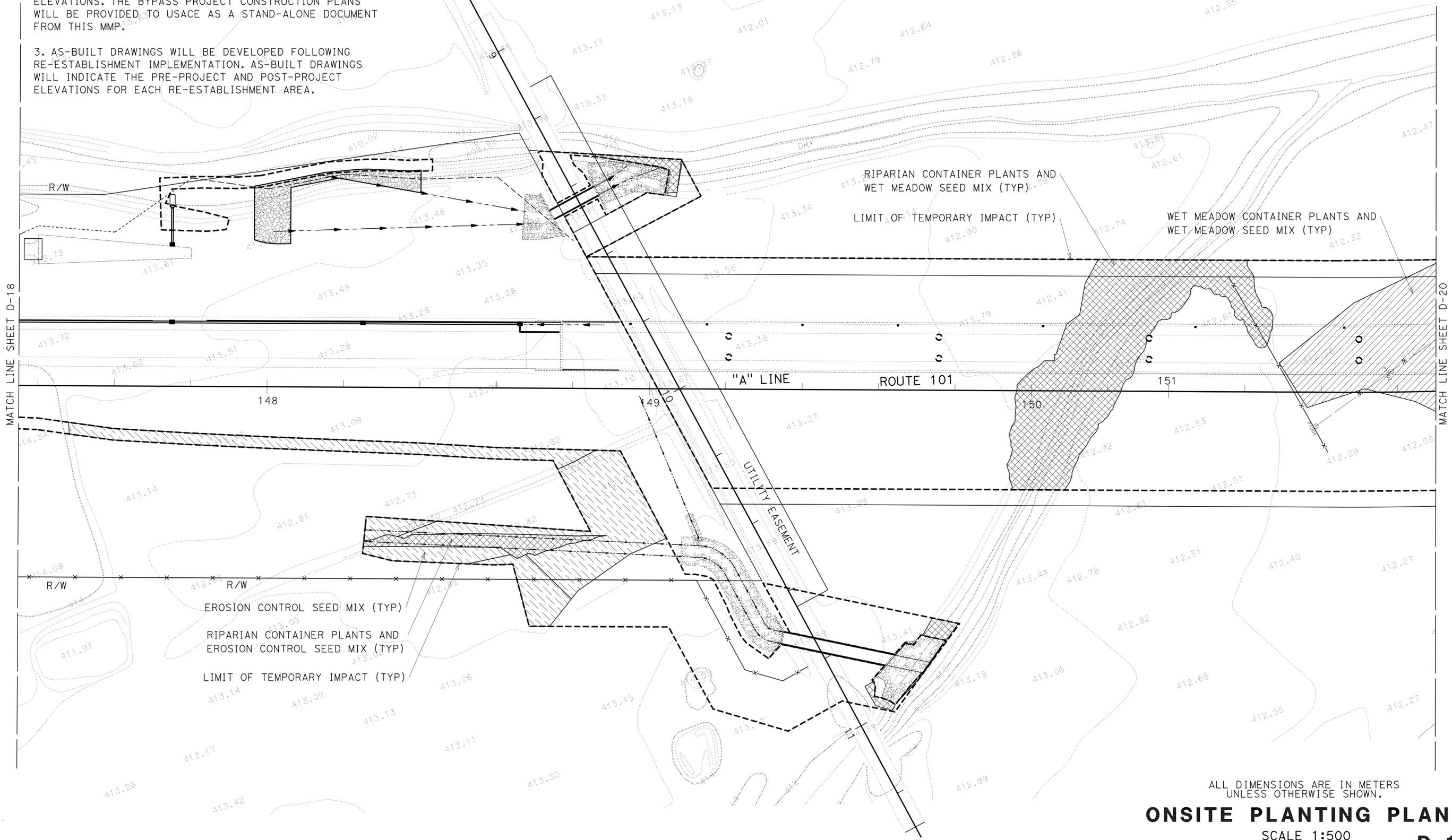
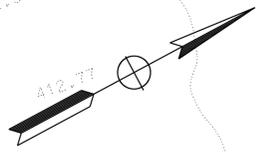


Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	R69.4/R78.9		

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN.
ONSITE PLANTING PLAN
 SCALE 1:500
D-19

SENIOR LANDSCAPE ARCHITECT
 T. CHRIS JOHNSON

CALCULATED-DESIGNED BY
 CHECKED BY

JEFFREY PIETRZAK

REVISED BY
 DATE REVISED

NOTES:

1. ALL TEMPORARILY IMPACTED AREAS TO BE SEEDED ACCORDING TO EROSION CONTROL PLANS UNLESS OTHERWISE NOTED.
2. SEE THE BYPASS PROJECT CONSTRUCTION PLANS FOR INFORMATION PERTAINING TO PRE-PROJECT ELEVATIONS FOR EACH TEMPORARY IMPACT AREA. PRE-PROJECT ELEVATIONS ARE SYNONYMOUS WITH PROPOSED POST PROJECT ELEVATIONS. THE BYPASS PROJECT CONSTRUCTION PLANS WILL BE PROVIDED TO USACE AS A STAND-ALONE DOCUMENT FROM THIS MMP.
3. AS-BUILT DRAWINGS WILL BE DEVELOPED FOLLOWING RE-ESTABLISHMENT IMPLEMENTATION. AS-BUILT DRAWINGS WILL INDICATE THE PRE-PROJECT AND POST-PROJECT ELEVATIONS FOR EACH RE-ESTABLISHMENT AREA.

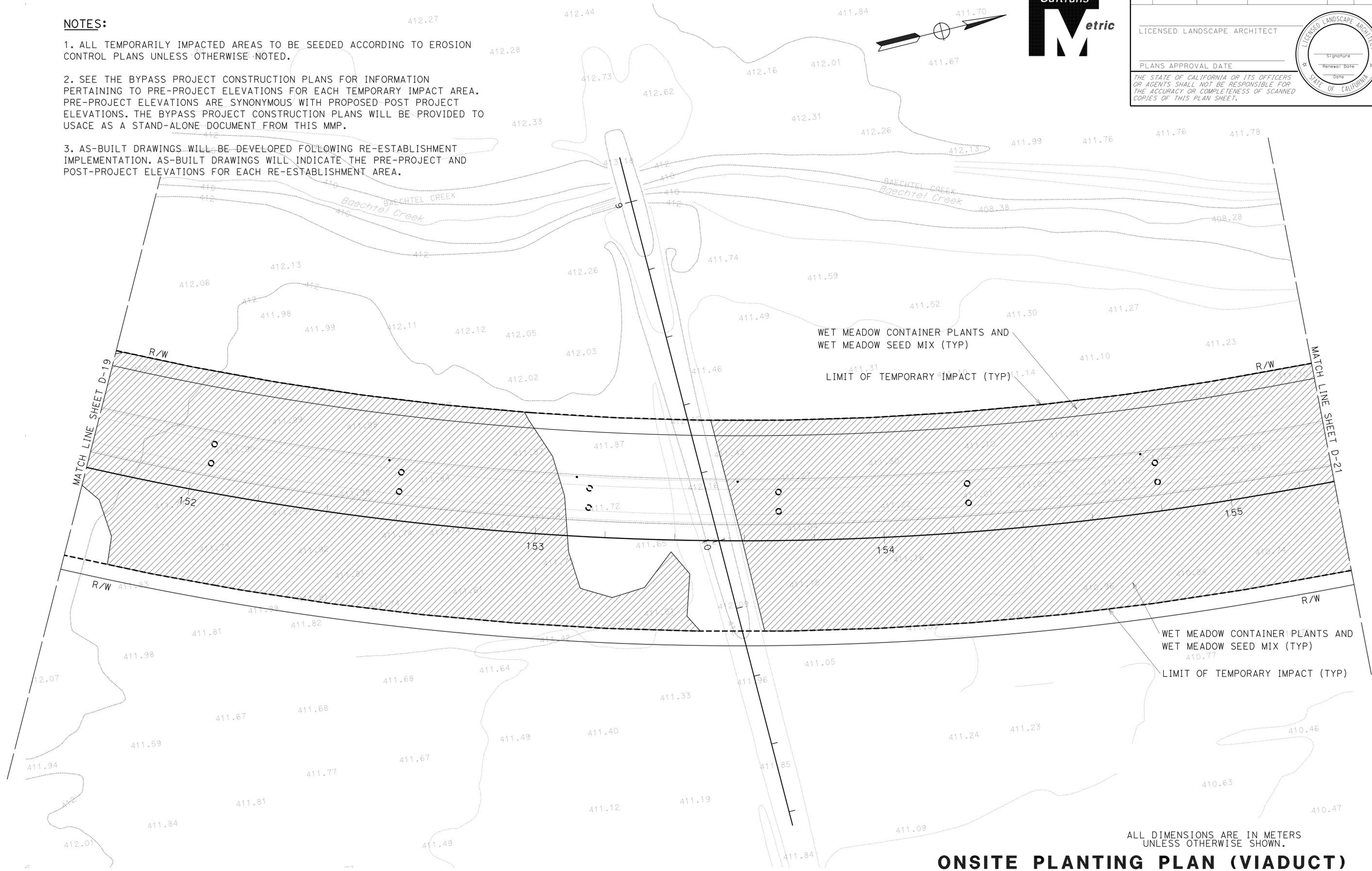


Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	R69.4/R78.9		

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



ONSITE PLANTING PLAN (VIADUCT)
 SCALE 1:500
D-20

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans 03-LANDSCAPE ARCHITECTURE

SENIOR LANDSCAPE ARCHITECT
 T. CHRIS JOHNSON

CALCULATED-DESIGNED BY
 CHECKED BY

JEFFREY PIETRZAK

REVISED BY
 DATE REVISED

NOTES:

1. ALL TEMPORARILY IMPACTED AREAS TO BE SEEDED ACCORDING TO EROSION CONTROL PLANS UNLESS OTHERWISE NOTED.
2. SEE THE BYPASS PROJECT CONSTRUCTION PLANS FOR INFORMATION PERTAINING TO PRE-PROJECT ELEVATIONS FOR EACH TEMPORARY IMPACT AREA. PRE-PROJECT ELEVATIONS ARE SYNONYMOUS WITH PROPOSED POST PROJECT ELEVATIONS. THE BYPASS PROJECT CONSTRUCTION PLANS WILL BE PROVIDED TO USACE AS A STAND-ALONE DOCUMENT FROM THIS MMP.
3. AS-BUILT DRAWINGS WILL BE DEVELOPED FOLLOWING RE-ESTABLISHMENT IMPLEMENTATION. AS-BUILT DRAWINGS WILL INDICATE THE PRE-PROJECT AND POST-PROJECT ELEVATIONS FOR EACH RE-ESTABLISHMENT AREA.

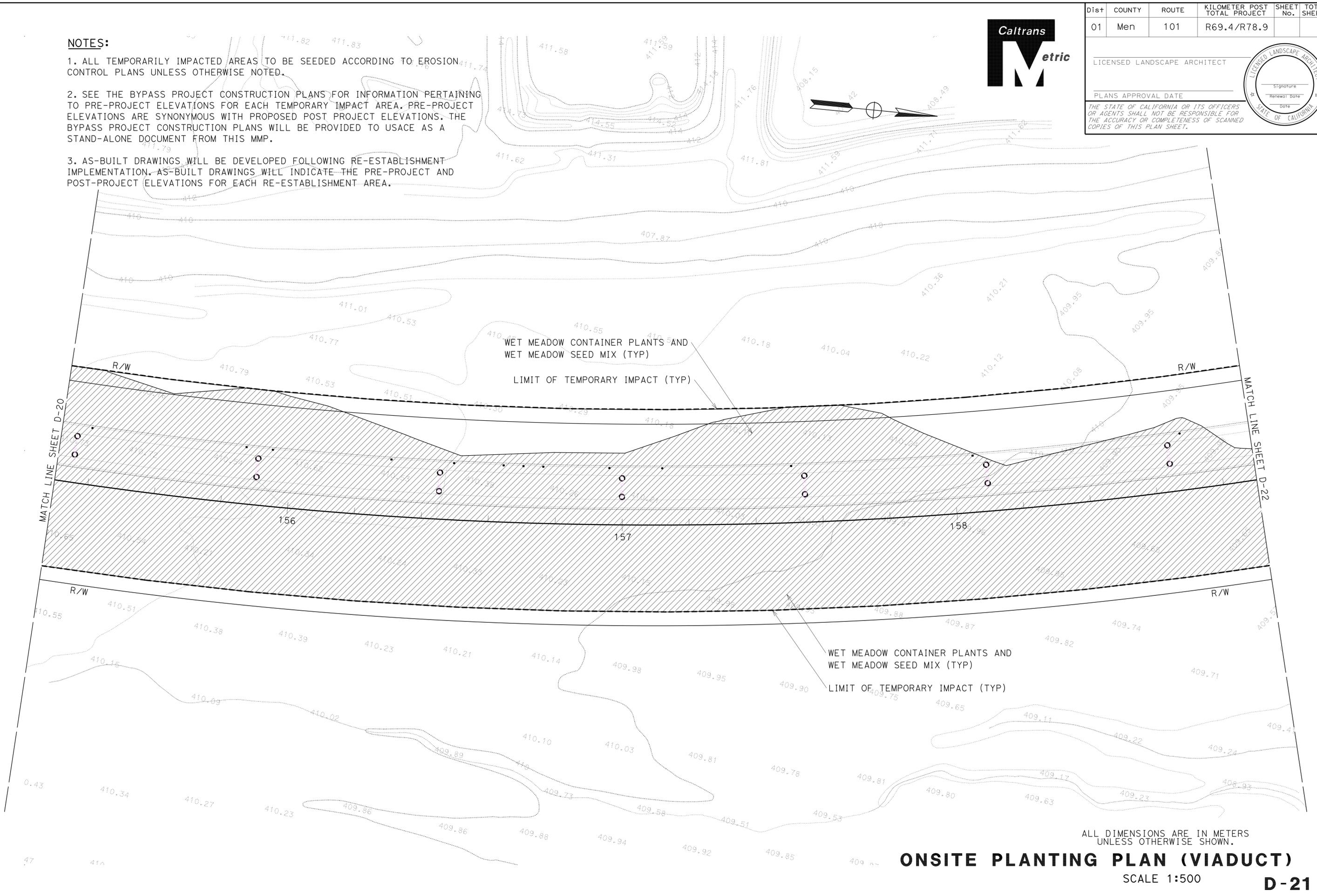


Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	R69.4/R78.9		

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



ONSITE PLANTING PLAN (VIADUCT)
 SCALE 1:500
D-21

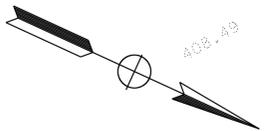
ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans 03-LANDSCAPE ARCHITECTURE

SENIOR LANDSCAPE ARCHITECT: T. CHRIS JOHNSON
 CHECKED BY: JEFFREY PIETRZAK
 CALCULATED-DESIGNED BY: JEFFREY PIETRZAK
 REVISOR: JEFFREY PIETRZAK
 DATE REVISOR: JEFFREY PIETRZAK

NOTES:

1. ALL TEMPORARILY IMPACTED AREAS TO BE SEEDED ACCORDING TO EROSION CONTROL PLANS UNLESS OTHERWISE NOTED.
2. SEE THE BYPASS PROJECT CONSTRUCTION PLANS FOR INFORMATION PERTAINING TO PRE-PROJECT ELEVATIONS FOR EACH TEMPORARY IMPACT AREA. PRE-PROJECT ELEVATIONS ARE SYNONYMOUS WITH PROPOSED POST PROJECT ELEVATIONS. THE BYPASS PROJECT CONSTRUCTION PLANS WILL BE PROVIDED TO USACE AS A STAND-ALONE DOCUMENT FROM THIS MMP.
3. AS-BUILT DRAWINGS WILL BE DEVELOPED FOLLOWING RE-ESTABLISHMENT IMPLEMENTATION. AS-BUILT DRAWINGS WILL INDICATE THE PRE-PROJECT AND POST-PROJECT ELEVATIONS FOR EACH RE-ESTABLISHMENT AREA.

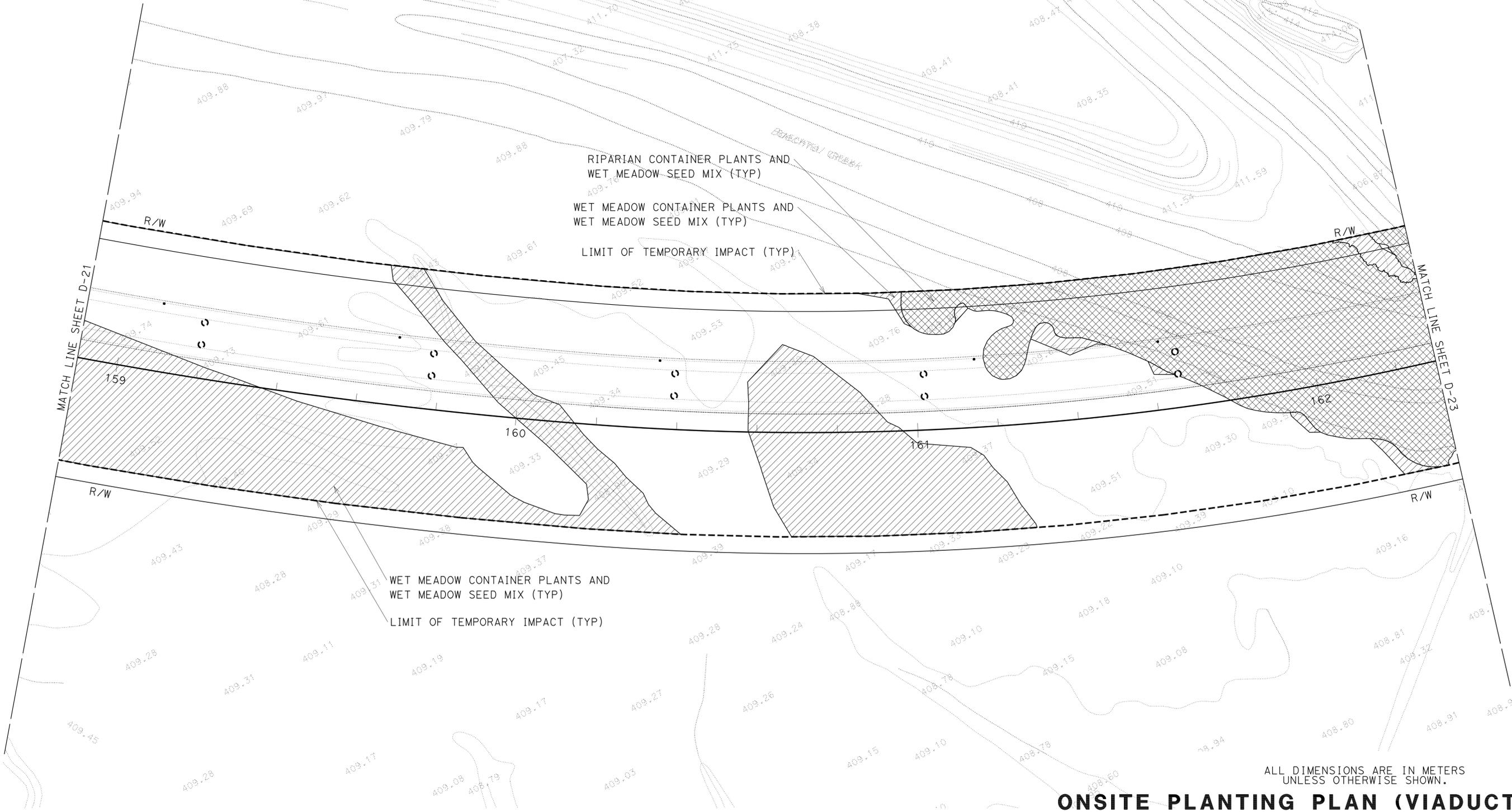
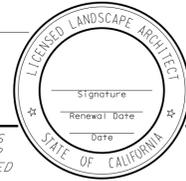


DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	R69.4/R78.9		

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



SENIOR LANDSCAPE ARCHITECT
 T. CHRIS JOHNSON

CALCULATED-DESIGNED BY
 CHECKED BY

JEFFREY PIETRZAK

REVISED BY
 DATE REVISED

NOTES:

1. ALL TEMPORARILY IMPACTED AREAS TO BE SEEDED ACCORDING TO EROSION CONTROL PLANS UNLESS OTHERWISE NOTED.
2. SEE THE BYPASS PROJECT CONSTRUCTION PLANS FOR INFORMATION PERTAINING TO PRE-PROJECT ELEVATIONS FOR EACH TEMPORARY IMPACT AREA. PRE-PROJECT ELEVATIONS ARE SYNONYMOUS WITH PROPOSED POST PROJECT ELEVATIONS. THE BYPASS PROJECT CONSTRUCTION PLANS WILL BE PROVIDED TO USACE AS A STAND-ALONE DOCUMENT FROM THIS MMP.
3. AS-BUILT DRAWINGS WILL BE DEVELOPED FOLLOWING RE-ESTABLISHMENT IMPLEMENTATION. AS-BUILT DRAWINGS WILL INDICATE THE PRE-PROJECT AND POST-PROJECT ELEVATIONS FOR EACH RE-ESTABLISHMENT AREA.

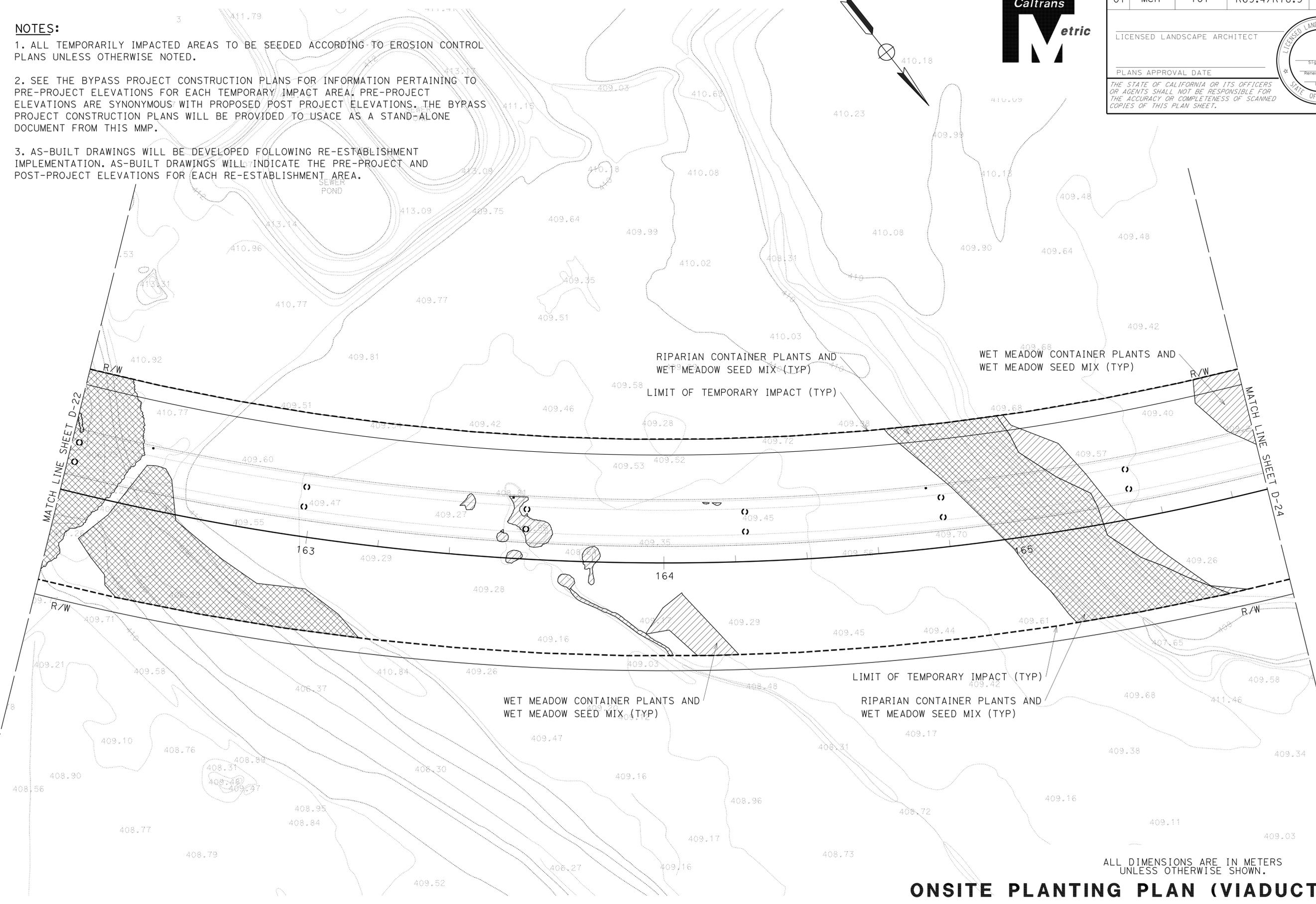
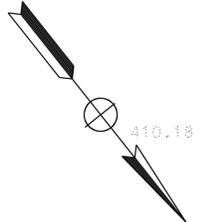


Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	R69.4/R78.9		

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



ONSITE PLANTING PLAN (VIADUCT)

SCALE 1:500

D-23

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans 03-LANDSCAPE ARCHITECTURE

SENIOR LANDSCAPE ARCHITECT
 T. CHRIS JOHNSON

CHECKED BY

DESIGNED BY

JEFFREY PIETRZAK

REVISOR BY

DATE REVISED

NOTES:

1. ALL TEMPORARILY IMPACTED AREAS TO BE SEEDED ACCORDING TO EROSION CONTROL PLANS UNLESS OTHERWISE NOTED.
2. SEE THE BYPASS PROJECT CONSTRUCTION PLANS FOR INFORMATION PERTAINING TO PRE-PROJECT ELEVATIONS FOR EACH TEMPORARY IMPACT AREA. PRE-PROJECT ELEVATIONS ARE SYNONYMOUS WITH PROPOSED POST PROJECT ELEVATIONS. THE BYPASS PROJECT CONSTRUCTION PLANS WILL BE PROVIDED TO USACE AS A STAND-ALONE DOCUMENT FROM THIS MMP.
3. AS-BUILT DRAWINGS WILL BE DEVELOPED FOLLOWING RE-ESTABLISHMENT IMPLEMENTATION. AS-BUILT DRAWINGS WILL INDICATE THE PRE-PROJECT AND POST-PROJECT ELEVATIONS FOR EACH RE-ESTABLISHMENT AREA.

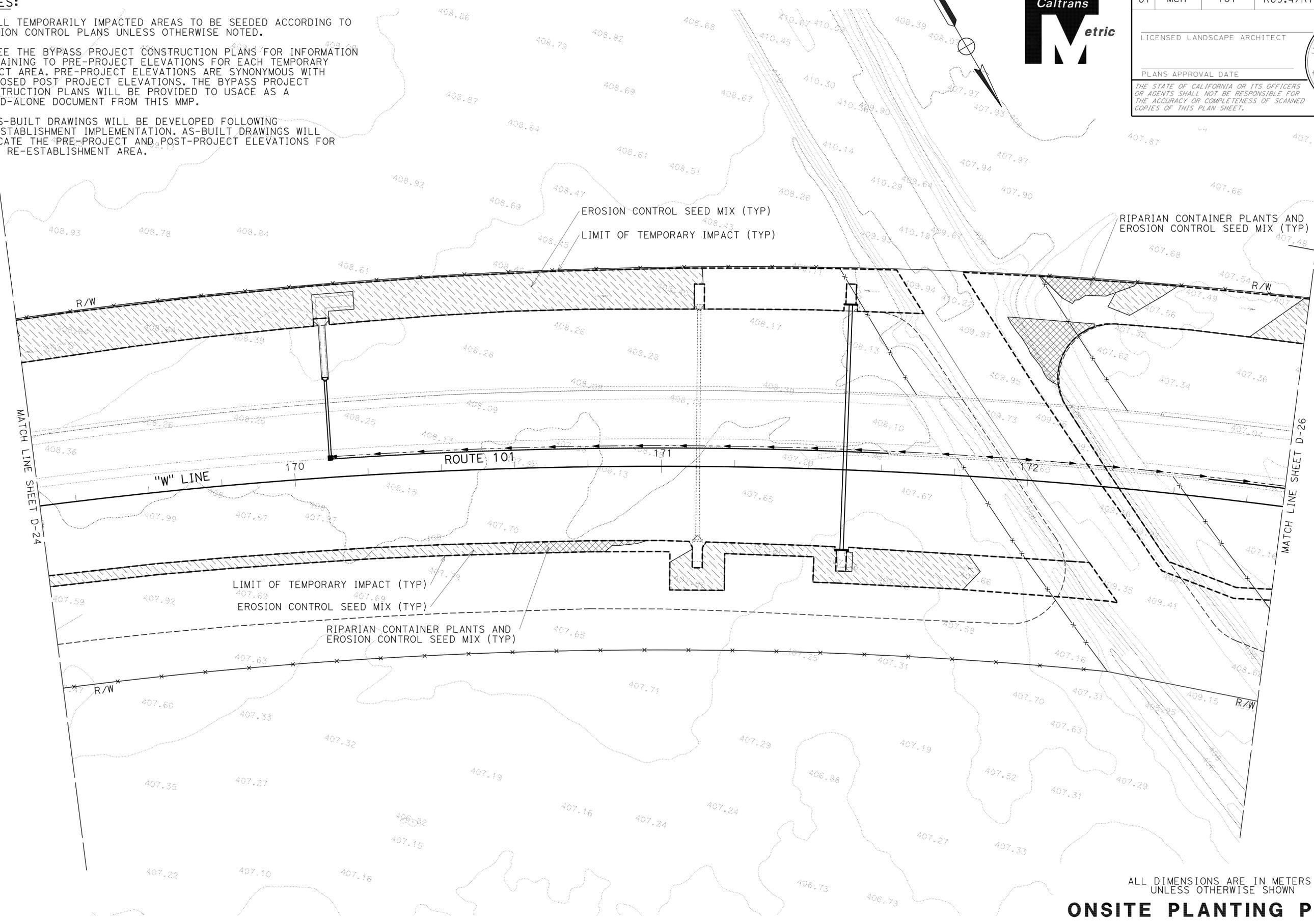


DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	R69.4/R78.9		

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

ONSITE PLANTING PLAN
 SCALE 1:500
D-25



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans 03-LANDSCAPE ARCHITECTURE

SENIOR LANDSCAPE ARCHITECT
 T. CHRIS JOHNSON

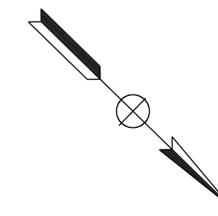
CALCULATED-DESIGNED BY
 CHECKED BY

JEFFREY PIETRZAK

REVISOR BY
 DATE REVISED

NOTES:

1. ALL TEMPORARILY IMPACTED AREAS TO BE SEEDED ACCORDING TO EROSION CONTROL PLANS UNLESS OTHERWISE NOTED.
2. SEE THE BYPASS PROJECT CONSTRUCTION PLANS FOR INFORMATION PERTAINING TO PRE-PROJECT ELEVATIONS FOR EACH TEMPORARY IMPACT AREA. PRE-PROJECT ELEVATIONS ARE SYNONYMOUS WITH PROPOSED POST PROJECT ELEVATIONS. THE BYPASS PROJECT CONSTRUCTION PLANS WILL BE PROVIDED TO USACE AS A STAND-ALONE DOCUMENT FROM THIS MMP.
3. AS-BUILT DRAWINGS WILL BE DEVELOPED FOLLOWING RE-ESTABLISHMENT IMPLEMENTATION. AS-BUILT DRAWINGS WILL INDICATE THE PRE-PROJECT AND POST-PROJECT ELEVATIONS FOR EACH RE-ESTABLISHMENT AREA.

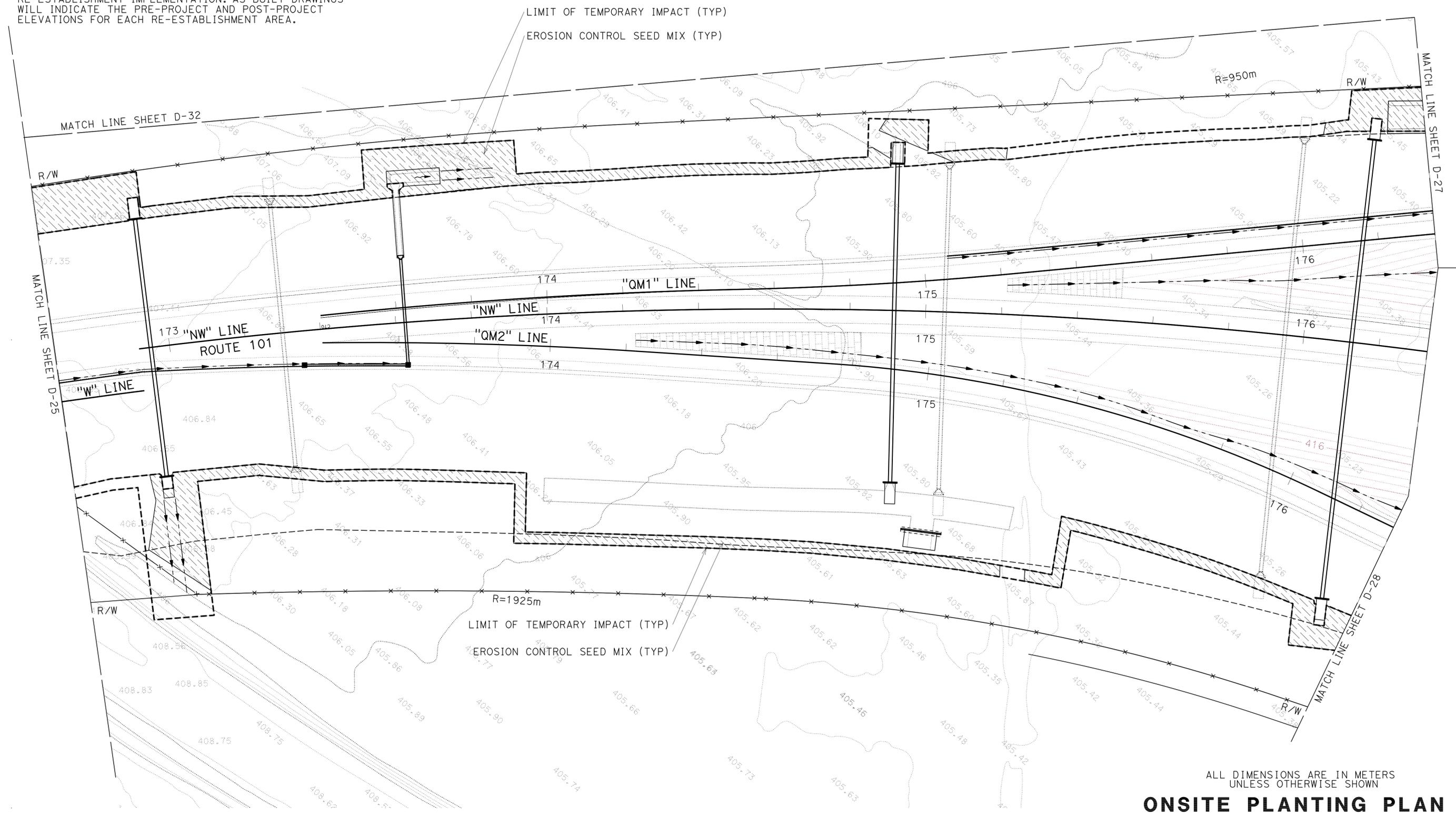


Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	R69.4/R78.9		

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

ONSITE PLANTING PLAN

SCALE 1:500

D-26

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans 03-LANDSCAPE ARCHITECTURE

SENIOR LANDSCAPE ARCHITECT
 T. CHRIS JOHNSON

CALCULATED-DESIGNED BY
 CHECKED BY

JEFFREY PIETRZAK

REVISED BY
 DATE REVISED

NOTES:

1. ALL TEMPORARILY IMPACTED AREAS TO BE SEEDED ACCORDING TO EROSION CONTROL PLANS UNLESS OTHERWISE NOTED.
2. SEE THE BYPASS PROJECT CONSTRUCTION PLANS FOR INFORMATION PERTAINING TO PRE-PROJECT ELEVATIONS FOR EACH TEMPORARY IMPACT AREA. PRE-PROJECT ELEVATIONS ARE SYNONYMOUS WITH PROPOSED POST PROJECT ELEVATIONS. THE BYPASS PROJECT CONSTRUCTION PLANS WILL BE PROVIDED TO USACE AS A STAND-ALONE DOCUMENT FROM THIS MMP.
3. AS-BUILT DRAWINGS WILL BE DEVELOPED FOLLOWING RE-ESTABLISHMENT IMPLEMENTATION. AS-BUILT DRAWINGS WILL INDICATE THE PRE-PROJECT AND POST-PROJECT ELEVATIONS FOR EACH RE-ESTABLISHMENT AREA.

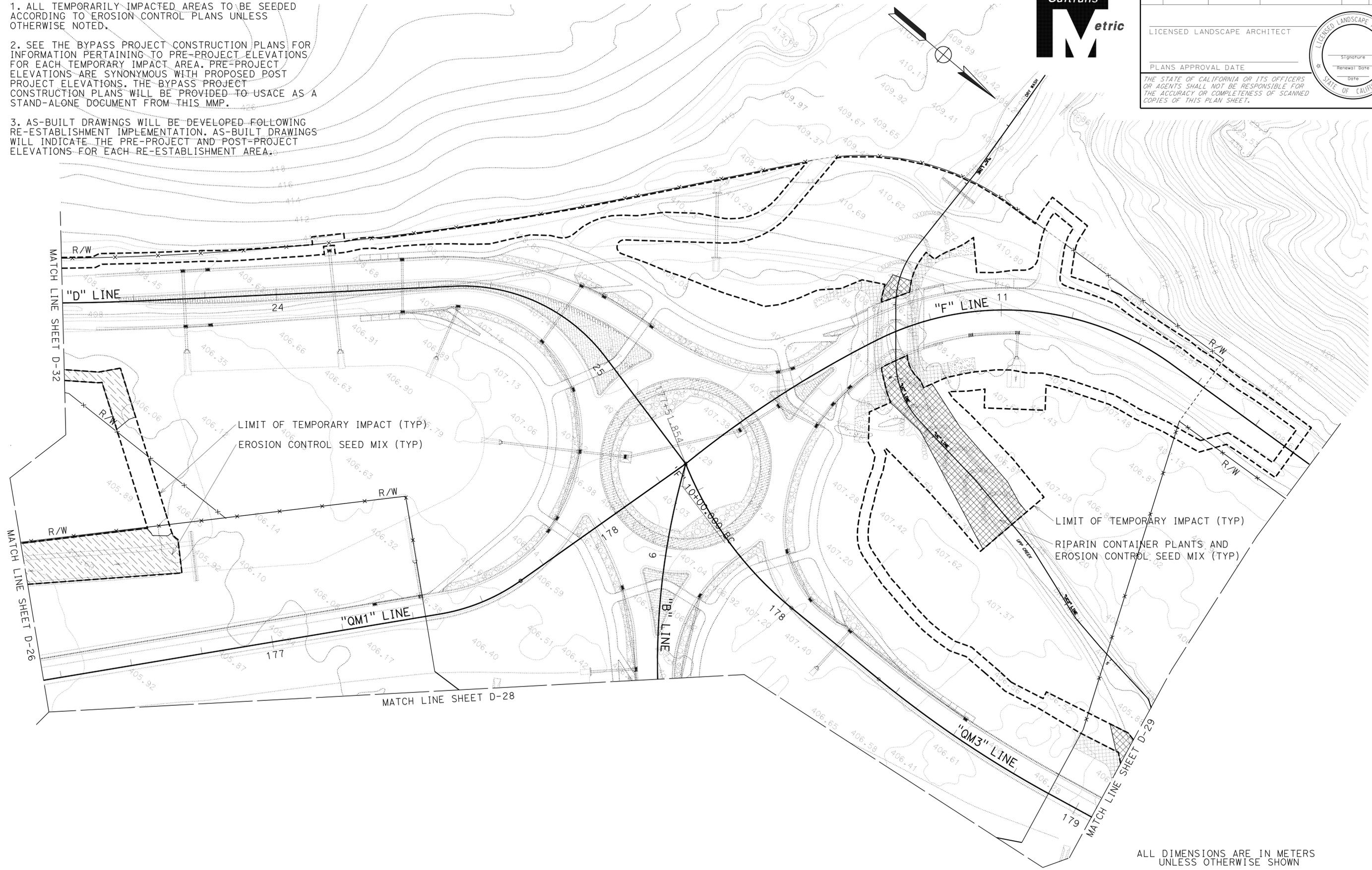


Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	R69.4/R78.9		

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

ONSITE PLANTING PLAN
 SCALE 1:500
D-27

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans 03-LANDSCAPE ARCHITECTURE

SENIOR LANDSCAPE ARCHITECT
 T. CHRIS JOHNSON

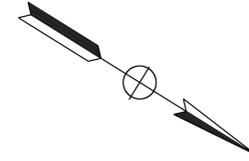
CALCULATED-DESIGNED BY
 CHECKED BY

JEFFREY PIETRZAK

REVISED BY
 DATE REVISED

NOTES:

1. ALL TEMPORARILY IMPACTED AREAS TO BE SEEDED ACCORDING TO EROSION CONTROL PLANS UNLESS OTHERWISE NOTED.
2. SEE THE BYPASS PROJECT CONSTRUCTION PLANS FOR INFORMATION PERTAINING TO PRE-PROJECT ELEVATIONS FOR EACH TEMPORARY IMPACT AREA. PRE-PROJECT ELEVATIONS ARE SYNONYMOUS WITH PROPOSED POST PROJECT ELEVATIONS. THE BYPASS PROJECT CONSTRUCTION PLANS WILL BE PROVIDED TO USACE AS A STAND-ALONE DOCUMENT FROM THIS MMP.
3. AS-BUILT DRAWINGS WILL BE DEVELOPED FOLLOWING RE-ESTABLISHMENT IMPLEMENTATION. AS-BUILT DRAWINGS WILL INDICATE THE PRE-PROJECT AND POST-PROJECT ELEVATIONS FOR EACH RE-ESTABLISHMENT AREA.

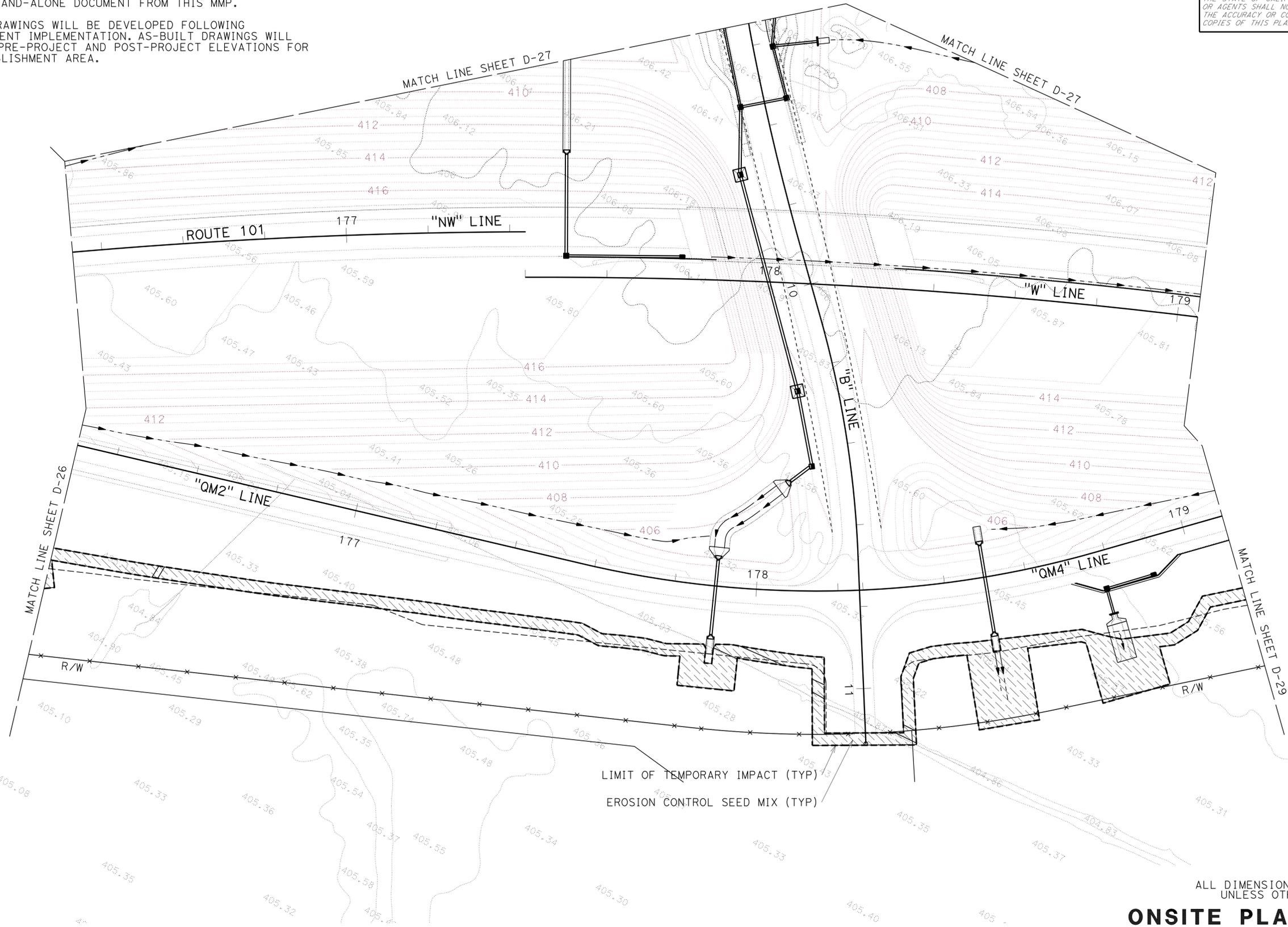


Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	R69.4/R78.9		

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



LIMIT OF TEMPORARY IMPACT (TYP)
 EROSION CONTROL SEED MIX (TYP)

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

ONSITE PLANTING PLAN
 SCALE 1:500
D-28



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans 03-LANDSCAPE ARCHITECTURE

SENIOR LANDSCAPE ARCHITECT
 T. CHRIS JOHNSON

CALCULATED-DESIGNED BY
 CHECKED BY

JEFFREY PIETRZAK

REVISOR BY
 DATE REVISED

NOTES:

1. ALL TEMPORARILY IMPACTED AREAS TO BE SEEDED ACCORDING TO EROSION CONTROL PLANS UNLESS OTHERWISE NOTED.
2. SEE THE BYPASS PROJECT CONSTRUCTION PLANS FOR INFORMATION PERTAINING TO PRE-PROJECT ELEVATIONS FOR EACH TEMPORARY IMPACT AREA. PRE-PROJECT ELEVATIONS ARE SYNONYMOUS WITH PROPOSED POST PROJECT ELEVATIONS. THE BYPASS PROJECT CONSTRUCTION PLANS WILL BE PROVIDED TO USACE AS A STAND-ALONE DOCUMENT FROM THIS MMP.
3. AS-BUILT DRAWINGS WILL BE DEVELOPED FOLLOWING RE-ESTABLISHMENT IMPLEMENTATION. AS-BUILT DRAWINGS WILL INDICATE THE PRE-PROJECT AND POST-PROJECT ELEVATIONS FOR EACH RE-ESTABLISHMENT AREA.

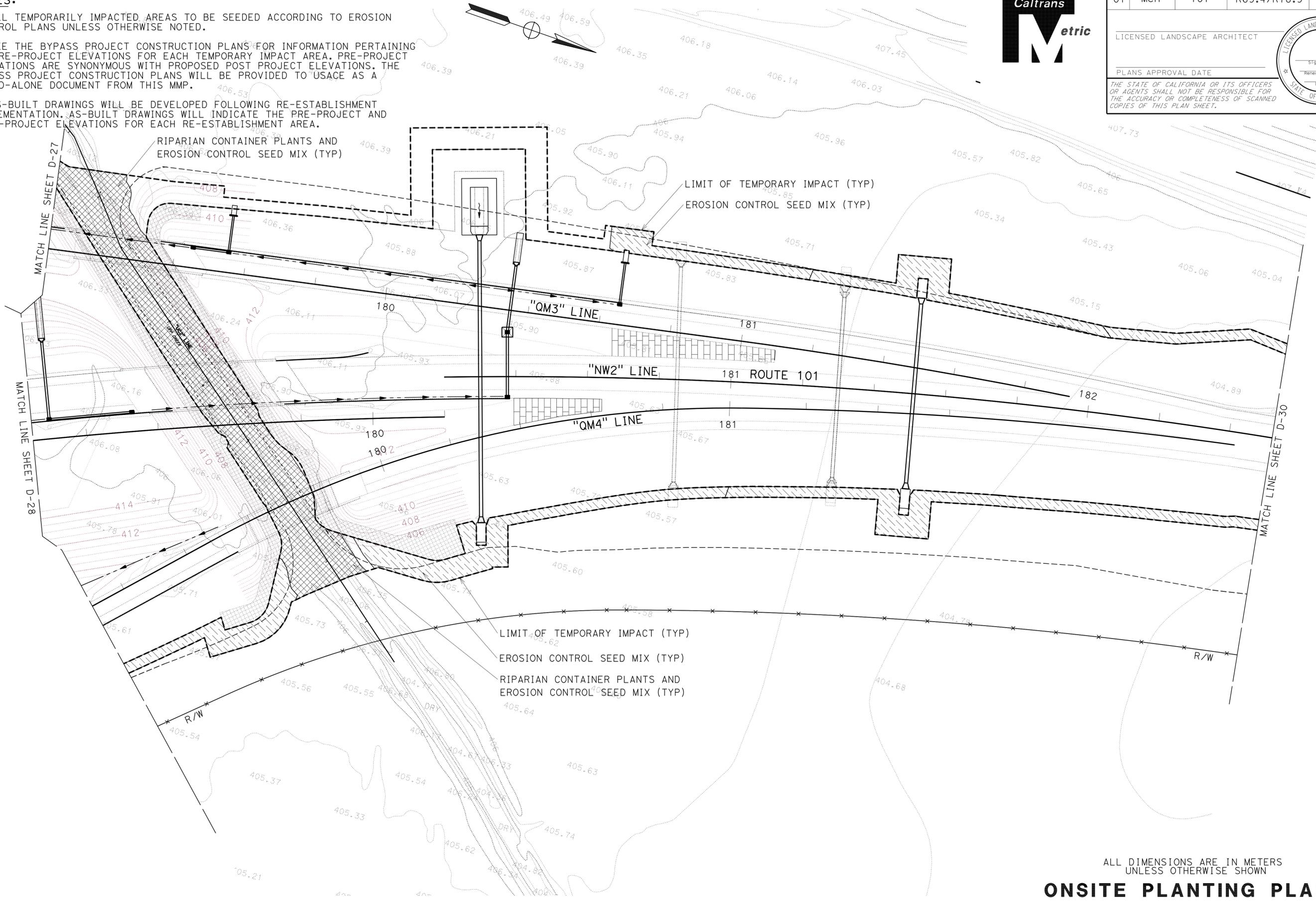
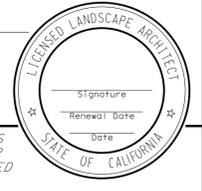


Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	R69.4/R78.9		

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

ONSITE PLANTING PLAN

SCALE 1:500

D-29

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans 03-LANDSCAPE ARCHITECTURE

SENIOR LANDSCAPE ARCHITECT
 T. CHRIS JOHNSON

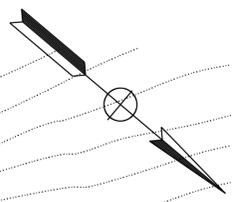
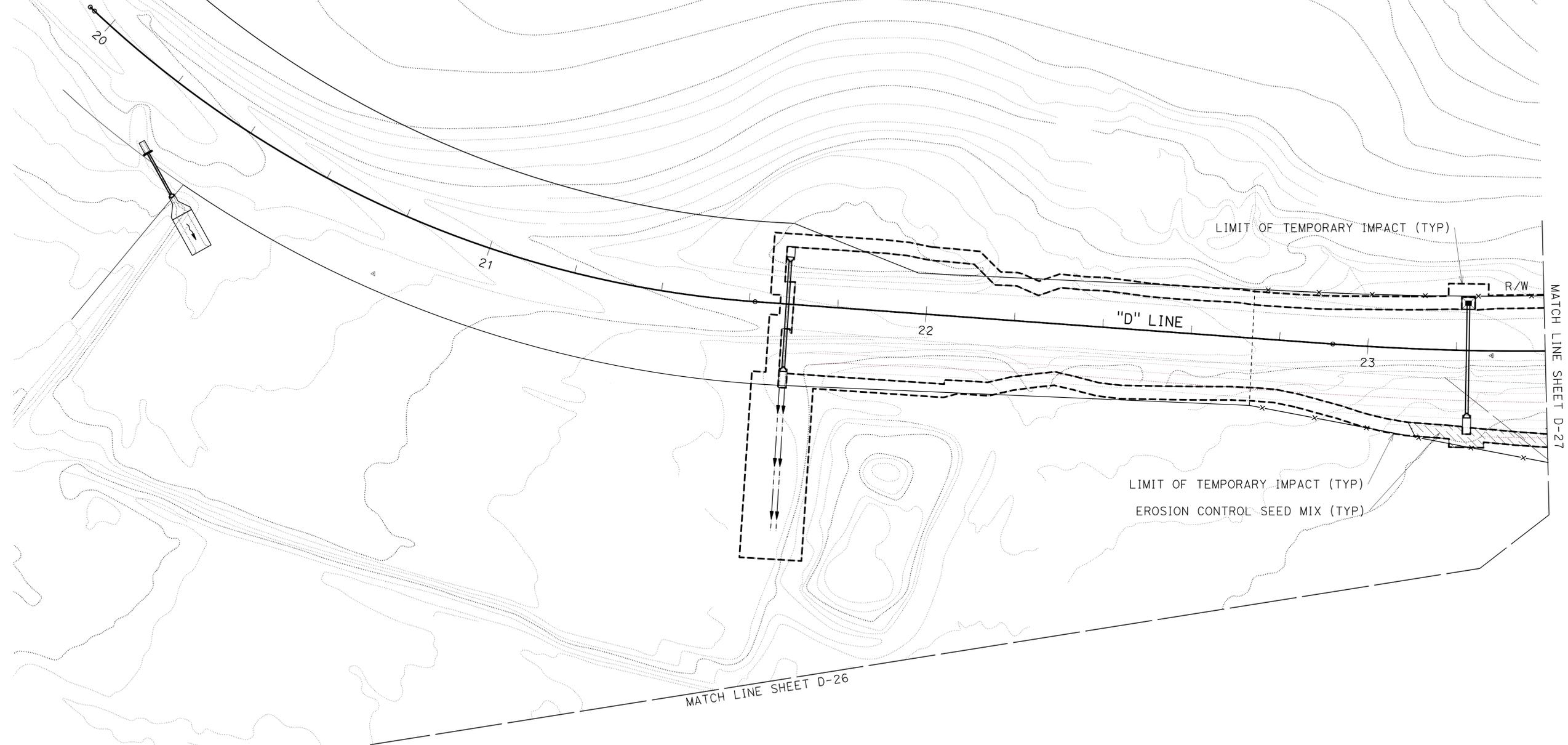
CALCULATED-DESIGNED BY
 CHECKED BY

JEFFREY PIETRZAK

REVISED BY
 DATE REVISED

NOTES:

1. ALL TEMPORARILY IMPACTED AREAS TO BE SEEDED ACCORDING TO EROSION CONTROL PLANS UNLESS OTHERWISE NOTED.
2. SEE THE BYPASS PROJECT CONSTRUCTION PLANS FOR INFORMATION PERTAINING TO PRE-PROJECT ELEVATIONS FOR EACH TEMPORARY IMPACT AREA. PRE-PROJECT ELEVATIONS ARE SYNONYMOUS WITH PROPOSED POST PROJECT ELEVATIONS. THE BYPASS PROJECT CONSTRUCTION PLANS WILL BE PROVIDED TO USACE AS A STAND-ALONE DOCUMENT FROM THIS MMP.
3. AS-BUILT DRAWINGS WILL BE DEVELOPED FOLLOWING RE-ESTABLISHMENT IMPLEMENTATION. AS-BUILT DRAWINGS WILL INDICATE THE PRE-PROJECT AND POST-PROJECT ELEVATIONS FOR EACH RE-ESTABLISHMENT AREA.



Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	R69.4/R78.9		

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



ALL DIMENSIONS ARE IN METERS
 UNLESS OTHERWISE SHOWN

ONSITE PLANTING PLAN
 SCALE 1:500
D-32

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans 03-LANDSCAPE ARCHITECTURE
 SENIOR LANDSCAPE ARCHITECT T. CHRIS JOHNSON
 CHECKED BY
 CALCULATED-DESIGNED BY
 JEFFREY PIETRZAK
 REVISOR BY DATE REVISED

WET MEADOW CONTAINER PLANTS

SPECIES NAME		PLANT MATERIAL TYPE AND SIZE	PERCENT OF PLANTING MIX	WETLAND INDICATOR STATUS (REED 1988)
SCIENTIFIC	COMMON			
CAREX ATHROSTACHYA	SLENDER BEAK SEDGE	TREE BAND	5	FACW
CAREX DENSA	DENSE SEDGE	TREE BAND	10	OBL
CAREX NEBRASCENSIS	NEBRASKA SEDGE	TREE BAND	5	OBL
CAREX PRAEGRACILLIS	FIELD SEDGE	TREE BAND	5	FACW
CAREX SUBBRACTEATA	SMALL BRACT SEDGE	TREE BAND	5	FACW
CAREX TUMULICOLA	FOOTHILL SEDGE	TREE BAND	5	FAC
HORDEUM BRACHYANTHERUM VAR. BRACHYANTHERUM	MEADOW BARLEY	TREE BAND	10	FACW
JUNCUS BOLANDERI	BOLANDER'S RUSH	TREE BAND	5	OBL
JUNCUS EFFUSUS	SOFT RUSH	TREE BAND	10	OBL
JUNCUS BALTICUS	BALTIC RUSH	TREE BAND	10	OBL
JUNCUS XIPHIODES	IRIS-LEAVED RUSH	TREE BAND	10	UPL
LEYMUS TRITICOIDES	CREEPING RYEGRASS	TREE BAND	5	FAC

NOTE: PLANTING DENSITY FOR WET MEADOW CONTAINER PLANTS WILL BE 1.5 m ON CENTER.

RIPARIAN CONTAINER PLANTS (ALSO CUTTINGS AND ACORNS)

VEGETATION STRATUM	SPECIES NAME		PLANT MATERIAL TYPE AND SIZE	PERCENT OF PLANTING MIX PER STRATUM	WETLAND INDICATOR STATUS (REED 1988)
	SCIENTIFIC	COMMON			
TREE	ACER NEGUNDO	BOX ELDER	TREEPOT	15	FACW
	ALNUS RHOMBIFOLIA	WHITE ALDER	TREEPOT	10	FACW
	FRAXINUS LATIFOLIA	OREGON ASH	TREEPOT	15	FACW
	POPULUS FREMONTII SSP. FREMONTII	FREMONT COTTONWOOD	TREEPOT, CUTTING	10	FACW
	QUERCUS GARRYANA	OREGON WHITE OAK	TREEPOT, ACORN	20	UPL
	QUERCUS LOBATA	VALLEY OAK	TREEPOT, ACORN	20	FAC
	SALIX LAEVIGATA	RED WILLOW	TREEPOT, CUTTING	10	FAC
	SALIX LASIOLEPIS	ARROYO WILLOW	TREEPOT, CUTTING	10	FACW
SHRUB	CORNUS SERICEA	RED-TWIG DOGWOOD	TREEPOT	10	FACW
	ROSA CALIFORNICA	CALIFORNIA ROSE	1 GALLON	25	FAC
	RIBES SANGUINEUM	RED-FLOWERING CURRANT	1 GALLON	10	UPL
	RUBUS LEUCODERMIS	WHITE BARK RASPBERRY	1 GALLON	10	FAC
	RUBUS PARVIFLORUS	THIMBLEBERRY	1 GALLON	10	FAC
	RUBUS SPECTABILIS	SALMONBERRY	1 GALLON	10	FAC+
	RUBUS URSINUS	WILD BLACKBERRY	1 GALLON	10	FACW
	SAMBUCUS MEXICANA	BLUE ELDERBERRY	TREEPOT	15	FAC
	VITIS CALIFORNICA	WILD GRAPE	1 GALLON	10	FACU

NOTE: PLANTING DENSITY FOR RIPARIAN CONTAINER PLANTS WILL BE 3 m ON CENTER.

WET MEADOW SEED MIX

SPECIES NAME		WETLAND INDICATOR STATUS (REED 1988)	APPLICATION RATE (KILOGRAMS PER LIVE SEED/HACTARE)
SCIENTIFIC	COMMON		
AGROSTIS EXARATA	SPIKE BENTGRASS	FAC	1.1
ALOPECURUS AEQUAILIS	SHORT-AWNED FOXTAIL	OBL	1.1
ALOPECURUS SACCATUS	PACIFIC FOXTAIL	OBL	4.5
CAREX DENSA	DENSE SEDGE	OBL	1.1
CAREX NEBRASCENSIS	NEBRASKA SEDGE	OBL	1.1
DANTHONIA CALIFORNICA	CALIFORNIA OATGRASS	FACW	2.2
DESCHAMPSIA DANTHONIODES	ANNUAL HAIRGRASS	FACW	2.2
EUTHAMIA OCCIDENTALIS	WESTERN GOLDENROD	OBL	2.2
HORDEUM BRACHYANTHERUM SSP. CALIFORNICUM	CALIFORNIA BARLEY	FACW	13.4
JUNCUS BOLANDERI	BOLANDER'S RUSH	OBL	2.2
JUNCUS EFFUSUS	BOG RUSH	FACW	1.1
JUNCUS PATENS	SPREADING RUSH	OBL	1.1
JUNCUS XIPHIODES	IRIS-LEAVED RUSH	OBL	2.2
LASTHENIA GLABERRIMA	SMOOTH GOLDFIELDS	OBL	2.2
LEYMUS TRITICOIDES	CREEPING WILDRYE	FAC	2.2
TOTAL			39.9

EROSION CONTROL/UPLAND SEED MIX

SPECIES NAME		WETLAND INDICATOR STATUS (REED 1988)	APPLICATION RATE (KILOGRAMS PER LIVE SEED/HACTARE)
SCIENTIFIC	COMMON		
ACHILLEA MILLEFOLIUM	COMMON YARROW	FACU	3.4
BROMUS CARINATUS VAR. CARINATUS	CALIFORNIA BROME	UPL	10.1
CLARKIA PURPUREA SSP. QUADRIVULNERA	FOUR-SPOT	UPL	1.1
DANTHONIA CALIFORNICA	CALIFORNIA OATGRASS	FACW	1.1
ELYMUS GLAUCUS SSP. GLAUCUS	BLUE WILDRYE	FACU	5.6
ESCHSCHOLZIA CALIFORNICA	CALIFORNIA POPPY	UPL	1.1
FESTUCA CALIFORNICA	CALIFORNIA FESCUE	FACU	3.4
HORDEUM BRACHYANTHERUM SSP. CALIFORNICUM	CALIFORNIA BARLEY	FACW	10.1
LOTUS PURSHIANUS VAR. PURSHIANUS	SPANISH LOTUS	UPL	4.5
LUPINUS BICOLOR	MINIATURE LUPINE	UPL	5.6
NASSELLA PULCHRA	PURPLE NEEDLEGRASS	UPL	10.1
TOTAL			56.1

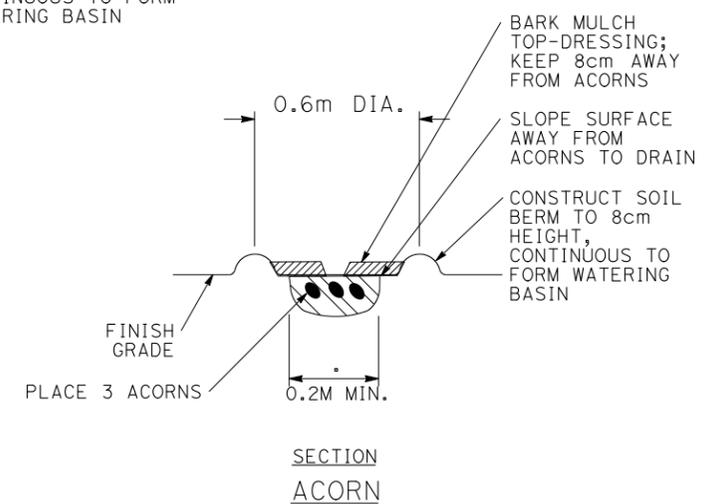
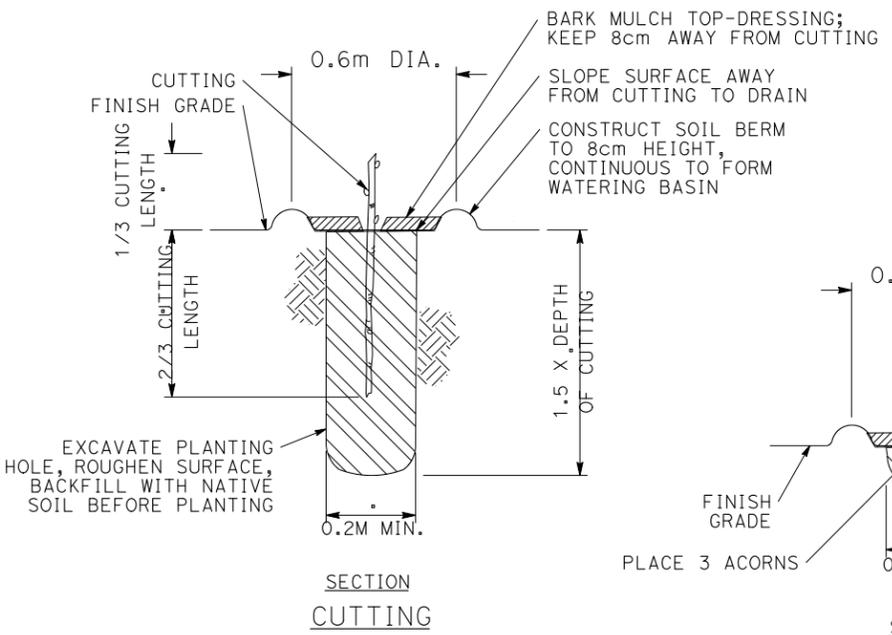
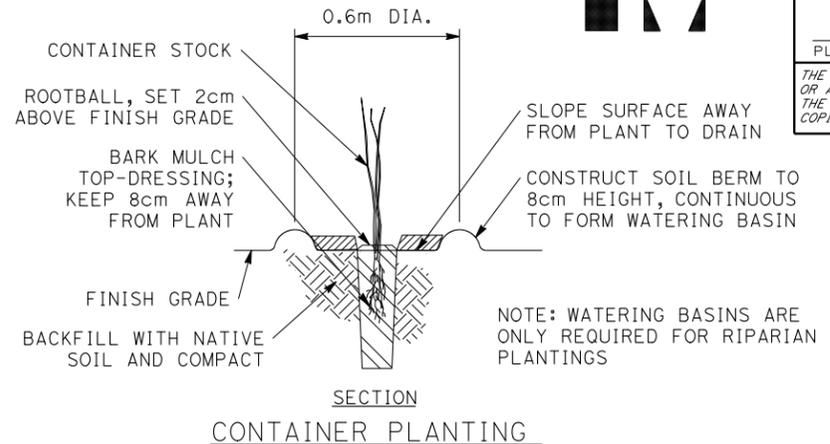


DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	R69.4/R78.9		

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

ONSITE PLANTING PROGRAM AND DETAILS

NOT TO SCALE

D-33