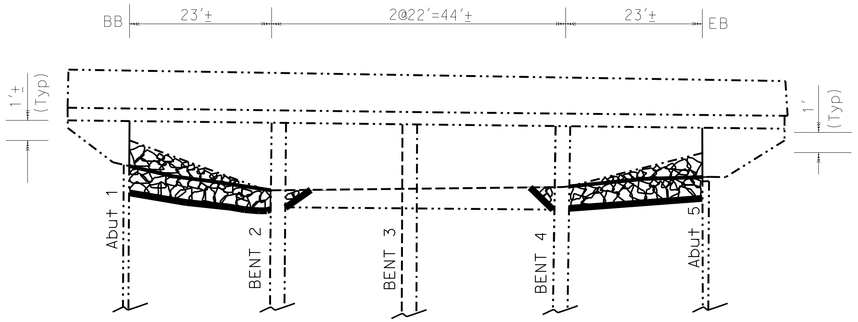
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
08	Riv	10,15	Var	10	13

08/18/14
REGISTERED CIVIL ENGINEER DATE

7-23-15
PLANS APPROVAL DATE

Mazin Ibrahim
No. C69896
Exp. 09/30/14
CIVIL
STATE OF CALIFORNIA
REGISTERED PROFESSIONAL ENGINEER

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.



ELEVATION

LEGEND:

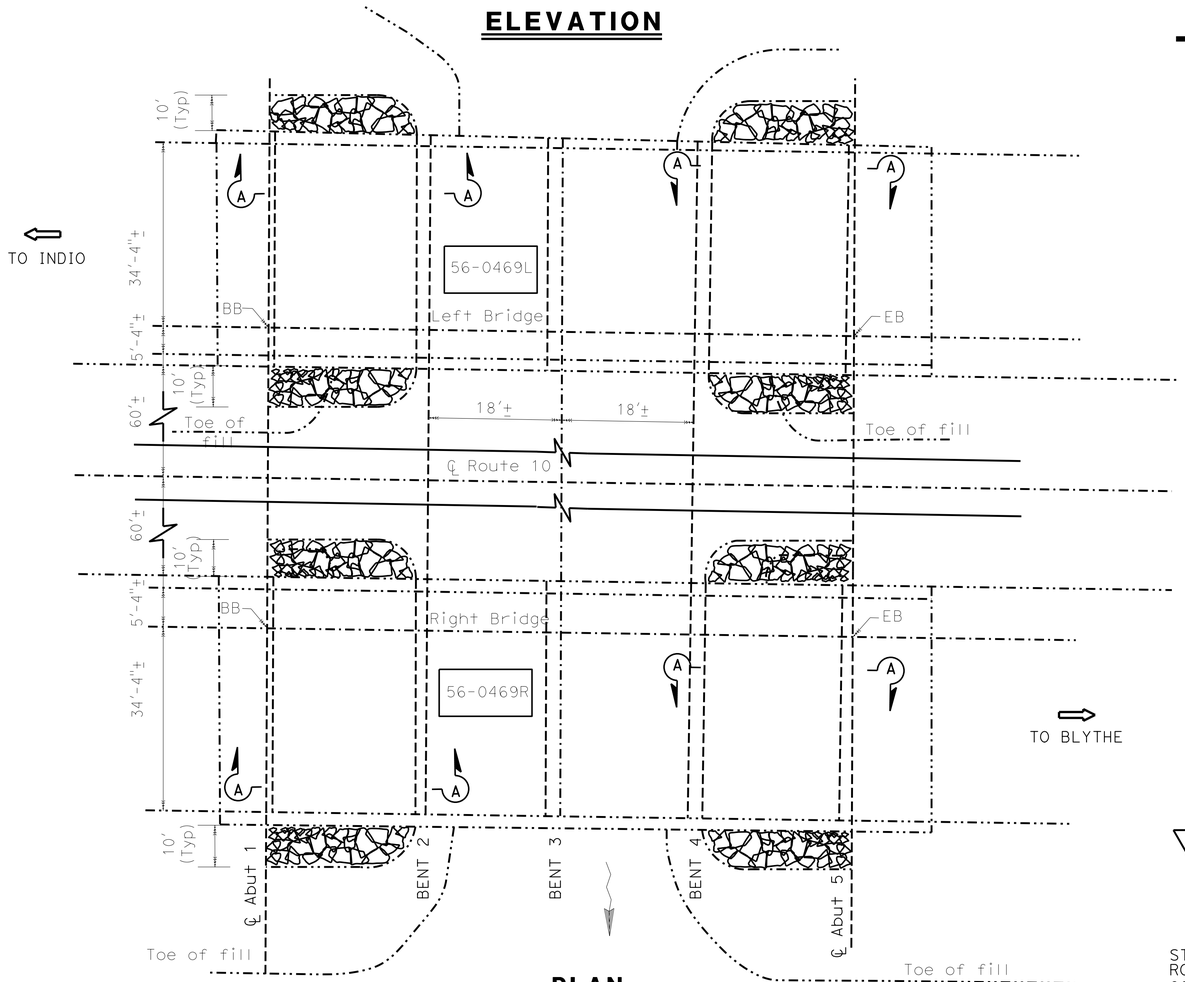
INDICATE EXISTING.

INDICATES DIRECTION OF TRAFFIC.

INDICATES LIMITS OF EXCAVATION AND CONCRETE (GROUTED) ROCK (1 TON) SLOPE PROTECTION REPLACEMENT (METHOD B) IN OUTSIDE LAYER. SEE MISCELLANEOUS DETAILS SHEET.

INDICATES LIMITS OF EXCAVATION AND 1/4 TON ROCK PROTECTION REPLACEMENT IN INSIDE LAYER (METHOD B), SEE MISCELLANEOUS DETAILS SHEET.

INDICATES LIMITS OF RSP-FABRIC

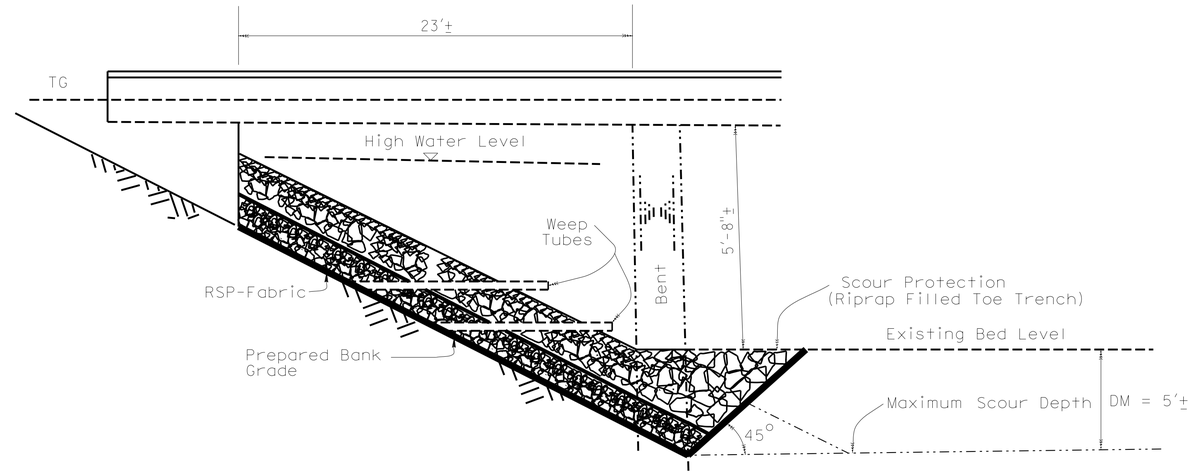


PLAN

COTTON GULCH

Br No 56-0469R/L, RTE 10 PM R80.33
NO SCALE

NOTE:
THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL. EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.



SECTION A-A

4 REPLACED PER ADDENDUM No. 4 DATED OCTOBER 9, 2015

COTTON GULCH #56-0469R/L
QUANTITIES

STRUCTURE EXCAVATION (ROCK SLOPE PROTECTION)	744 CY
ROCK SLOPE PROTECTION (1/4 T, METHOD B) (CY)	~~360 CY~~ 340 CY 4
CONCRETED-ROCK SLOPE PROTECTION (1T, METHOD B)	~~384 CY~~ 1440 CY 4
ROCK SLOPE PROTECTION FABRIC (CLASS 8)	1,100 SQYD

TONY D. BRAKE
DESIGN ENGINEER

DESIGN	BY Ramesh Patel	CHECKED Mazin Ibrahim	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD			
DETAILS	BY Eugene Goishi	CHECKED Ramesh Patel	LAYOUT	BY Eugene Goishi	CHECKED Ramesh Patel		
QUANTITIES	BY Ramesh Patel	CHECKED Mazin Ibrahim	SPECIFICATIONS	BY Kevin Ellingson	PLANS AND SPECS COMPARED Kevin Ellingson		

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF MAINTENANCE
STRUCTURE MAINTENANCE DESIGN

BRIDGE NO. 56-0469R/L
POST MILE R80.33

BRIDGE SCOUR MITIGATION
COTTON GULCH
GENERAL PLAN 2

STRUCTURES MAINTENANCE GENERAL PLAN SHEET (ENGLISH) (REV. 10/25/05)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT: 3489
PROJECT NUMBER & PHASE: 0800020295
CONTRACT NO.: 08-1Q2004

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES						SHEET	OF
6-19-14						2	5

FILE => 0800020295-a-gp02.dgn

USERNAME => s102458 DATE PLOTTED => 08-OCT-2015 TIME PLOTTED => 14:09

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
08	Riv	10,15	Var	11	13

REGISTERED CIVIL ENGINEER — DATE 08/18/14

PLANS APPROVAL DATE 7-23-15

REGISTERED PROFESSIONAL ENGINEER — Mazin Ibrahim — No. C69896 — Exp. 09/30/14 — CIVIL — STATE OF CALIFORNIA

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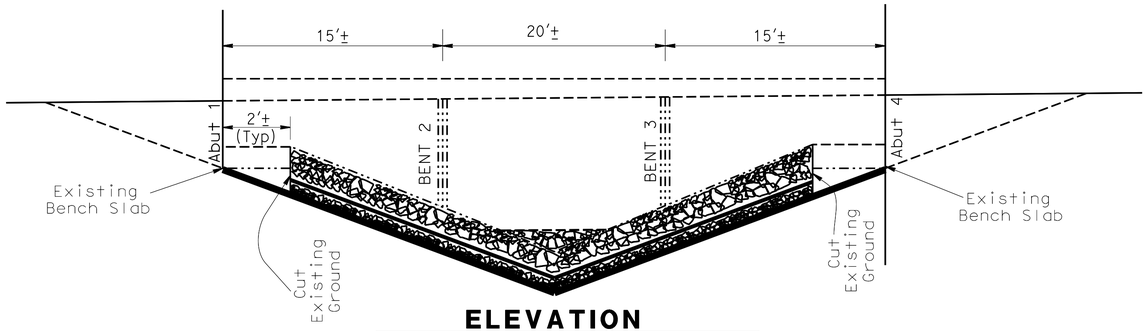


ELEVATION

Br No. 56-0015R, Rte 10, PM R139.18

LEGEND:

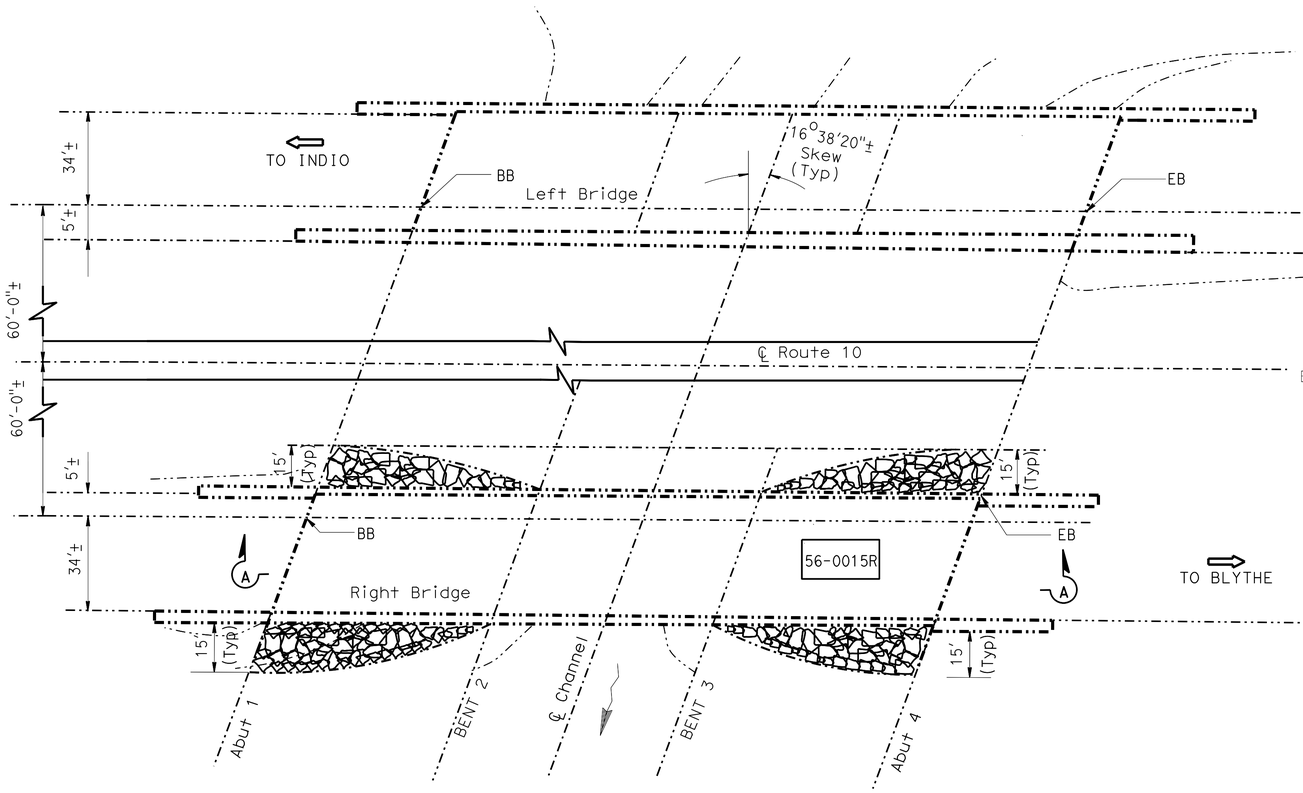
INDICATE EXISTING.

INDICATES DIRECTION OF TRAFFIC.

INDICATES LIMITS OF EXCAVATION AND CONCRETE (GROUTED) ROCK (1 TON) SLOPE PROTECTION REPLACEMENT (METHOD B) IN OUTSIDE LAYER. SEE MISCELLANEOUS DETAILS SHEET.

INDICATES LIMITS OF EXCAVATION AND 1/4 TON ROCK PROTECTION REPLACEMENT IN INSIDE LAYER (METHOD B), SEE MISCELLANEOUS DETAILS SHEET.

INDICATES LIMITS OF RSP FABRIC

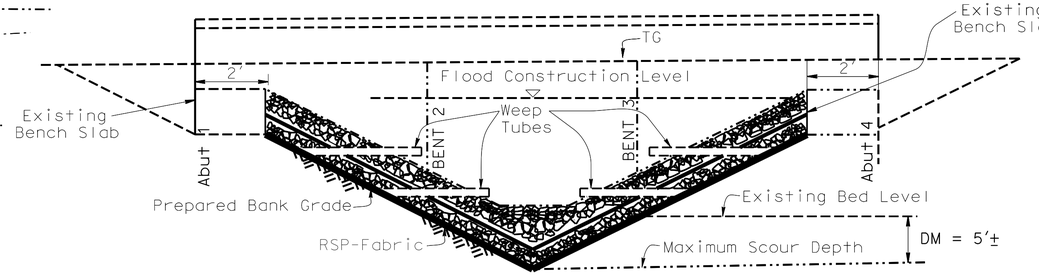


PLAN

ISORA DITCH

Br No. 56-0015R, Rte 10, PM R139.18
No Scale

NOTE:
THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL. EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.



SECTION A-A

ISORA DITCH #56-0015R
QUANTITIES

STRUCTURE EXCAVATION (ROCK SLOPE PROTECTION)	410 CY	
ROCK SLOPE PROTECTION (1/4 T, METHOD B) (CY)	~~200 CY~~ 110 CY	4
CONCRETED-ROCK SLOPE PROTECTION (1T, METHOD B)	~~210 CY~~ 440 CY	
ROCK SLOPE PROTECTION FABRIC (CLASS 8)	509 SQYD	

4 REPLACED PER ADDENDUM No. 4 DATED OCTOBER 9, 2015

BRIDGE SCOUR MITIGATION

ISORA DITCH

GENERAL PLAN NO. 3

TONY D. BRAKE, DESIGN ENGINEER	DESIGN	BY Ramesh Patel	CHECKED Mazin Ibrahim	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD		
	DETAILS	BY Eugene Goishi	CHECKED Ramesh Patel	LAYOUT	BY Eugene Goishi	CHECKED Ramesh Patel	
	QUANTITIES	BY Ramesh Patel	CHECKED Mazin Ibrahim	SPECIFICATIONS	BY Kevin Ellingson	PLANS AND SPECS COMPARED Kevin Ellingson	

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF MAINTENANCE
STRUCTURE MAINTENANCE DESIGN

BRIDGE NO. 56-0015R
POST MILE R139.18

STRUCTURES MAINTENANCE GENERAL PLAN SHEET (ENGLISH) (REV. 10/25/05)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT: 3489
PROJECT NUMBER & PHASE: 0800020295
CONTRACT NO.: 08-0G2004

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES: 6-19-14

SHEET 3 OF 5

FILE => 0800020295-a-gp03.dgn

USERNAME => s102456 DATE PLOTTED => 08-OCT-2015 TIME PLOTTED => 14:09

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
08	Riv	10,15	Var	12	13

REGISTERED CIVIL ENGINEER — DATE 08/18/14

PLANS APPROVAL DATE 7-23-15

REGISTERED PROFESSIONAL ENGINEER — Mazin Ibrahim — No. C69896 — Exp. 09/30/14 — CIVIL — STATE OF CALIFORNIA

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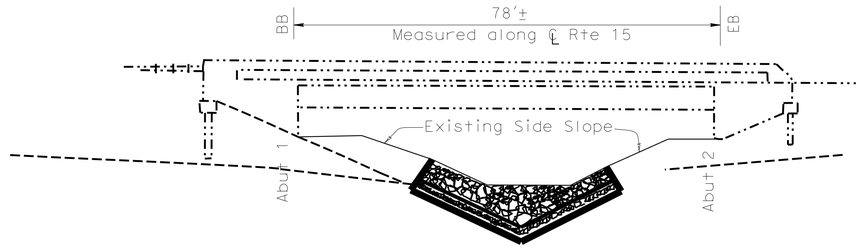
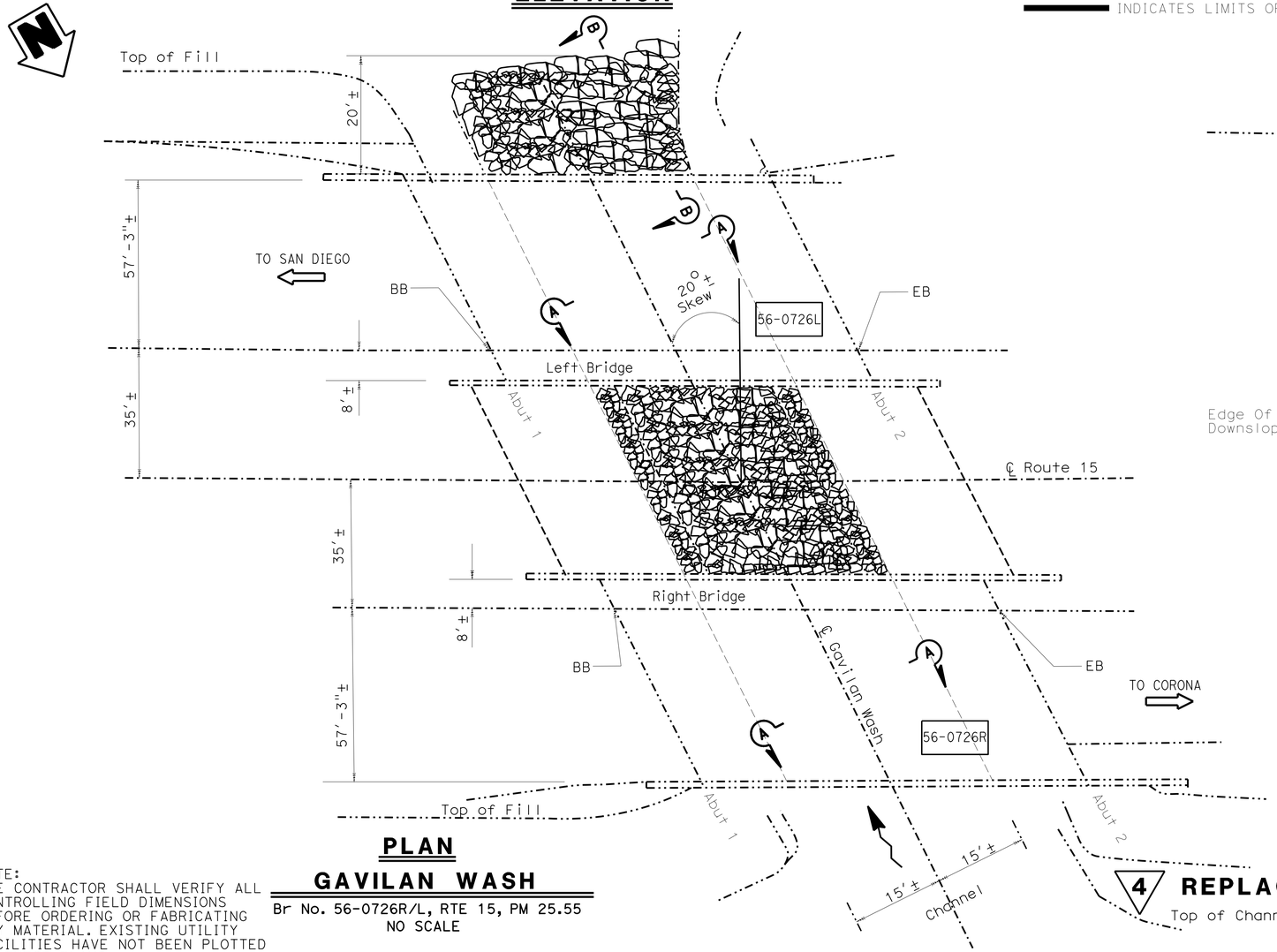
LEGEND:

- INDICATE EXISTING.
- INDICATES DIRECTION OF TRAFFIC.
- INDICATES LIMITS OF EXCAVATION AND CONCRETE (GROUTED) ROCK (1 TON) SLOPE PROTECTION REPLACEMENT (METHOD B) IN OUTSIDE LAYER SEE MISCELLANEOUS DETAILS SHEET.
- INDICATES LIMITS OF EXCAVATION AND 1/4 TON ROCK PROTECTION REPLACEMENT IN INSIDE LAYER (METHOD B), SEE MISCELLANEOUS DETAILS SHEET.
- INDICATES LIMITS OF RSP FABRIC



ELEVATION

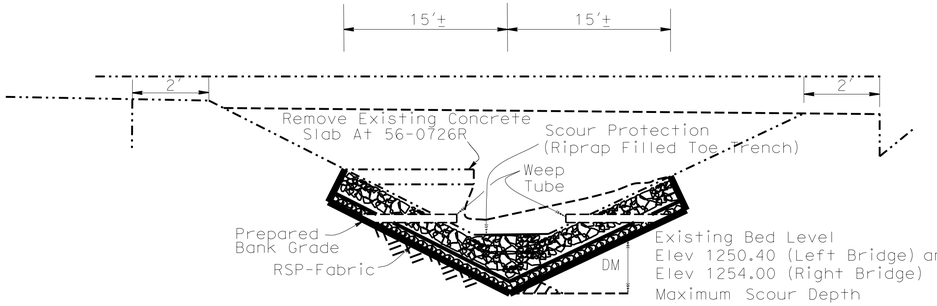


PLAN

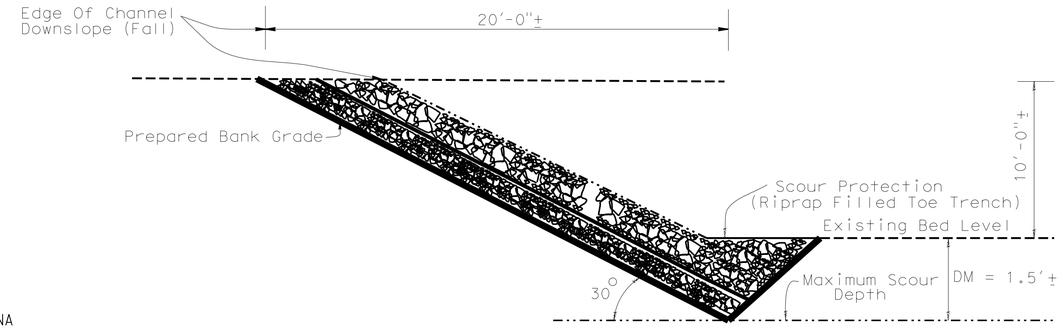
GAVILAN WASH

Br No. 56-0726R/L, RTE 15, PM 25.55
NO SCALE

NOTE:
THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL. EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.



SECTION A-A



SECTION B-B

GALIVAN WASH #56-0726R/L
QUANTITIES

STRUCTURE EXCAVATION (ROCK SLOPE PROTECTION)	1,013 CY	
ROCK SLOPE PROTECTION (1/4 T, METHOD B) (CY)	~~503 CY~~	380 CY
CONCRETED-ROCK SLOPE PROTECTION (1T, METHOD B)	~~510 CY~~	1670 CY
ROCK SLOPE PROTECTION FABRIC (CLASS 8)	620 SQYD	

4 REPLACED PER ADDENDUM No. 4 DATED OCTOBER 9, 2015

BRIDGE SCOUR MITIGATION

GALIVAN WASH

GENERAL PLAN NO. 4

TONY D. BRAKE
DESIGN ENGINEER

DESIGN	BY Ramesh Patel	CHECKED Mazin Ibrahim	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD			
DETAILS	BY Eugene Goishi	CHECKED Ramesh Patel	LAYOUT	BY Eugene Goishi	CHECKED Ramesh Patel		
QUANTITIES	BY Ramesh Patel	CHECKED Mazin Ibrahim	SPECIFICATIONS	BY Kevin Ellingson	PLANS AND SPECS COMPARED Kevin Ellingson		

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF MAINTENANCE
STRUCTURE MAINTENANCE DESIGN

UNIT: 3489
PROJECT NUMBER & PHASE: 0800020295

BRIDGE NO. 53-0726R/L
POST MILE 25.55
CONTRACT NO.: 08-002004

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES						SHEET	OF
6-19-14						4	5

STRUCTURES MAINTENANCE GENERAL PLAN SHEET (ENGLISH) (REV. 10/25/05)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

FILE => 0800020295-a-gp04.dgn

USERNAME => s102458 DATE PLOTTED => 08-OCT-2015 TIME PLOTTED => 14:09