

LEGEND & SYMBOLS

- ROW
- MAINLINE TRACK/SIDING
- EXISTING EASEMENT
- EXISTING GROUND
- EXISTING PROPERTY PARCEL
- EXISTING TOP OF RAIL
- EXISTING TRACK
- 25 --- MAJOR CONTOURS
- MINOR CONTOURS
- WETLAND TYPE (WETLAND NAME) [Pattern] WETLAND AREA PREVIOUSLY VERIFIED
- WETLAND TYPE (WETLAND NAME) [Pattern] WETLAND AREA UNVERIFIED
- WETLAND TYPE (WETLAND NAME) [Pattern] WETLAND AREA PERMANENT IMPACT
- ORDINARY HIGH WATER MARK
- PATHWAY STUDY AREA BOUNDARY
- PROPOSED GRADING LIMITS

WETLAND TYPES

- CBMA: COASTAL BRACKISH MARSH
- CFMA: COASTAL FRESHWATER MARSH
- CSMA: COASTAL SALT WATER MARSH
- CFSW: COASTAL FRESHWATER SEASONAL WETLAND
- RSW: RESTORED WETLAND
- OW: OPEN WATER
- PW: PERENNIAL WATERCOURSE
- PW/INWATR: PERENNIAL WETLAND IN WATER
- SEW: SEASONAL WATERWAY
- SS: SEASONAL SWALE
- TW: TIDAL WATERWAY
- MHWL: MEAN HIGH WATER LINE

- [Symbol] MILEPOST
- [Symbol] HIGHWAY
- [Symbol] TURNOUT
- [Symbol] DIRECTIONAL INDICATORS OF TRAFFIC FLOW
- [Symbol] PEDESTRIAN ARM GATE
- [Symbol] VEHICULAR ARM GATE
- [Symbol] CANTILEVER
- [Symbol] WARNING SIGNAL
- [Symbol] CENTRAL INSTRUMENT LOCATION (FOUNDATION PAD ONLY)
- [Symbol] 1S [Symbol] WAYSIDE SIGNAL (FOUNDATION PAD ONLY)
- [Symbol] METER
- [Symbol] HAND HOLE
- [Symbol] PG&E SERVICE CABINET
- [Symbol] PG&E VAULT
- [Symbol] 50 X FIELD CULVERT END (WITH CULVERT ID)
- [Symbol] ww3 X FIELD HIGH WATER MARK (WITH HIGH WATER ID)
- [Symbol] aa5 O FIELD DATA PLOT

EXISTING TOPO SYMBOLS

- ATT --- AT&T UTILITY LINE
- X --- CHAIN LINK FENCE
- 8" GAS --- GAS LINE
- HO --- OVERHEAD ELECTRIC LINE
- ONE HIGH VOLTAGE --- OVERHEAD ELECTRIC (HIGH VOLTAGE)
- 8" RW --- RECLAIMED WATER LINE
- 6" SS --- SANITARY SEWER LINE
- SS --- SANITARY SEWER LINE - PRIVATE
- SSFM --- SANITARY SEWER FORCE MAIN
- 72" SD --- STORM DRAIN LINE
- CBL --- UNDERGROUND CABLE/TV UTILITY LINES
- ELEC --- UNDERGROUND ELECTRICAL
- FO --- UNDERGROUND FIBER OPTIC CABLE
- TEL --- UNDERGROUND TELEPHONE LINE
- TS --- UNDERGROUND TRAFFIC UTILITY LINES
- 14" W --- WATER LINE
- [Symbol] CONCRETE
- [Symbol] PERIMETER OF BUILDING
- [Symbol] EXISTING SMART RAIL (PREVIOUSLY CONSTRUCTED)
- [Symbol] EXISTING SMART GRADE CROSSING (PREVIOUSLY CONSTRUCTED)
- [Symbol] CIL XX.XX EXISTING CENTRAL INSTRUMENT LOCATION, FOUNDATION PAD ONLY (PREVIOUSLY CONSTRUCTED)
- [Symbol] 1S EXISTING WAYSIDE SIGNAL LOCATION, FOUNDATION PAD ONLY (PREVIOUSLY CONSTRUCTED)
- [Symbol] EXISTING SMART PEDESTRIAN ARM GATE (PREVIOUSLY CONSTRUCTED)
- [Symbol] EXISTING SMART VEHICULAR ARM GATE (PREVIOUSLY CONSTRUCTED)
- [Symbol] EXISTING SMART CANTILEVER (PREVIOUSLY CONSTRUCTED)
- [Symbol] EXISTING SMART RETAINING WALL (PREVIOUSLY CONSTRUCTED)
- [Symbol] EXISTING SMART CULVERT (PREVIOUSLY CONSTRUCTED)
- [Symbol] SD EXISTING SMART STORM DRAIN (PREVIOUSLY CONSTRUCTED)
- [Symbol] UD EXISTING SMART UNDERDRAIN (PREVIOUSLY CONSTRUCTED)
- [Symbol] EXISTING SMART SD INLET (PREVIOUSLY CONSTRUCTED)
- [Symbol] EXISTING SMART TURNOUT (PREVIOUSLY CONSTRUCTED)

- [Symbol] STREET LIGHT
- [Symbol] STREET LIGHT BOX
- [Symbol] TELEPHONE BOX
- [Symbol] TELEPHONE MANHOLE
- [Symbol] TELEPHONE POLE
- [Symbol] TRAFFIC DETECTOR LID
- [Symbol] TRAFFIC SIGNAL
- [Symbol] TRAFFIC SIGNAL LIGHT BOX
- [Symbol] TRAFFIC SIGNAL POLE W/STREET LIGHT
- [Symbol] UTILITY MANHOLE
- [Symbol] BOLLARD
- [Symbol] MAILBOX
- [Symbol] SIGN
- [Symbol] SIGNAL GATE
- [Symbol] TREE SYMBOL AND DRIP LINE
- [Symbol] RAILROAD SWITCH
- [Symbol] FOUND IRON PIPE, SIZE AND TAGGED AS NOTED
- [Symbol] FOUND MONUMENT, SIZED AND STAMPED, AS NOTED
- [Symbol] SPOT ELEVATION
- [Symbol] SURVEY CONTROL POINT
- [Symbol] HOSE BIB
- [Symbol] IRRIGATION CONTROL VALVE
- [Symbol] MONITORING WELL
- [Symbol] RECLAIMED WATER VALVE
- [Symbol] SANITARY SEWER CLEANOUT
- [Symbol] SANITARY SEWER MANHOLE
- [Symbol] STORM DRAIN CATCH BASIN
- [Symbol] STORM DRAIN MANHOLE
- [Symbol] STORM DRAIN PIPE
- [Symbol] WATER VALVE
- [Symbol] WATER METER
- [Symbol] CABLE TV BOX
- [Symbol] ELECTRIC BOX
- [Symbol] ELECTRIC LID
- [Symbol] GAS VALVE
- [Symbol] GAS METER
- [Symbol] JOINT UTILITY POLE
- [Symbol] LANDSCAPE LIGHT
- [Symbol] POWER POLE
- [Symbol] PG&E VAULT
- [Symbol] RISER POLE
- [Symbol] SERVICE POLE
- [Symbol] DRAINAGE INLET
- [Symbol] DRAINAGE DOWNSPOUT
- [Symbol] FIRE HYDRANT

5/31/16 2:22pm G:\12412 - 11-001 SMART GIS 1 - Bid Phase\06-CAD\05 Construction Packages\10 Contract Package 4\003 DWG\04 SHEETS\EV1300-EV1303.dwg

REV	DATE	BY	SUB	APR	DESCRIPTION
Δ	5/31/16	JR			PLAN REVISION



PREPARED BY
C. PHELPS
 DRAWN BY
C. PHELPS
 CHECKED BY
B. SILVA
 IN CHARGE
B. GAMLEN
 DATE
JAN 8, 2016

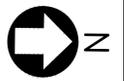
**PRELIMINARY FOR PLANNING/REVIEW
NOT FOR CONSTRUCTION**



PATHWAY REGION 1 JURISDICTIONAL REVIEW MAPS		CADD FILENAME EV1300-EV1303.dwg	
PROPOSED CONDITIONS		SCALE NONE	CONTRACT NO. CV-DB-11-001
LEGEND & SYMBOLS		DWG. NO. EV1301	MILEPOST
SHEET 2 OF 75			

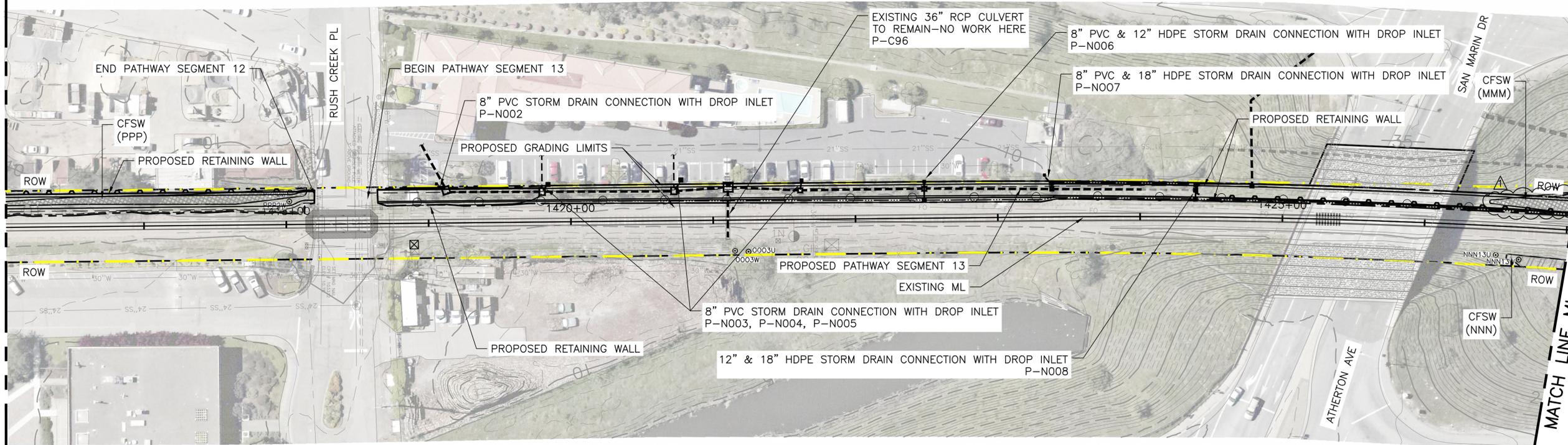
TO HAMILTON STATION
MP 23.7

TO ATHERTON STATION
MP 28.8



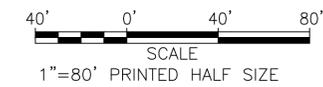
MP 28.5
MATCH LINE ML 1416+00 SEE DWG NO. EV1345

MATCH LINE ML 1427+00 SEE DWG NO. EV1347
MP 28.7



PLAN

PATHWAY SEGMENTS 12 & 13
THIS SHEET



PLAN SHEET	WETLAND NAME	WETLAND TYPE	IMPACT STATUS	IMPACT AREA (SF)	PROJECT ELEMENT	CULVERT STATION	WALL STATION	BRIDGE STATION	NUMBER OF CULVERTS	APPROX FILL DEPTH (FT)	OVERALL GW STRUCT FILL (CY)	BOX CULVERT WIDTH (FT)	BOX CULVERT HEIGHT (FT)	CULVERT DIAMETER (FT)	CULVERT LENGTH IN WETLANDS (FT)	CULVERT AREA IN WETLANDS (SF)	CULVERT STRUCTURAL FILL AREA IN WETLAND (SF)	CULVERT APRON AREA IN WETLANDS (SF)	NUMBER OF PILES TO BE INSTALLED	BRIDGE PILE IN WETLAND OR CHANNEL AREA (SF)
EV1345, EV1346	PPP	CFSW	Perm	1207	Pathway/Ret. Wall		1416+00													
EV1346, EV1347	MMM	CFSW	Perm	801	Pathway/Ret. Wall		1426+50													
EV1346, EV1347	MMM	CFSW	Perm	1063	Pathway															

5/31/16 2:44pm G:\12412 - P&H Wong\12412-11-001 SMART IOS 1 - Bid Phase\06-CAD\05 Construction Packages\10 Contract Package 4\003 DWG\04 SHEETS\EV1341-EV1350.dwg

REV	DATE	BY	SUB	APR	DESCRIPTION
Δ	5/31/16	JR			PLAN REVISION



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 CHECKED BY
B. SILVA
 IN CHARGE
B. GAMLEN
 DATE
JAN 8, 2016

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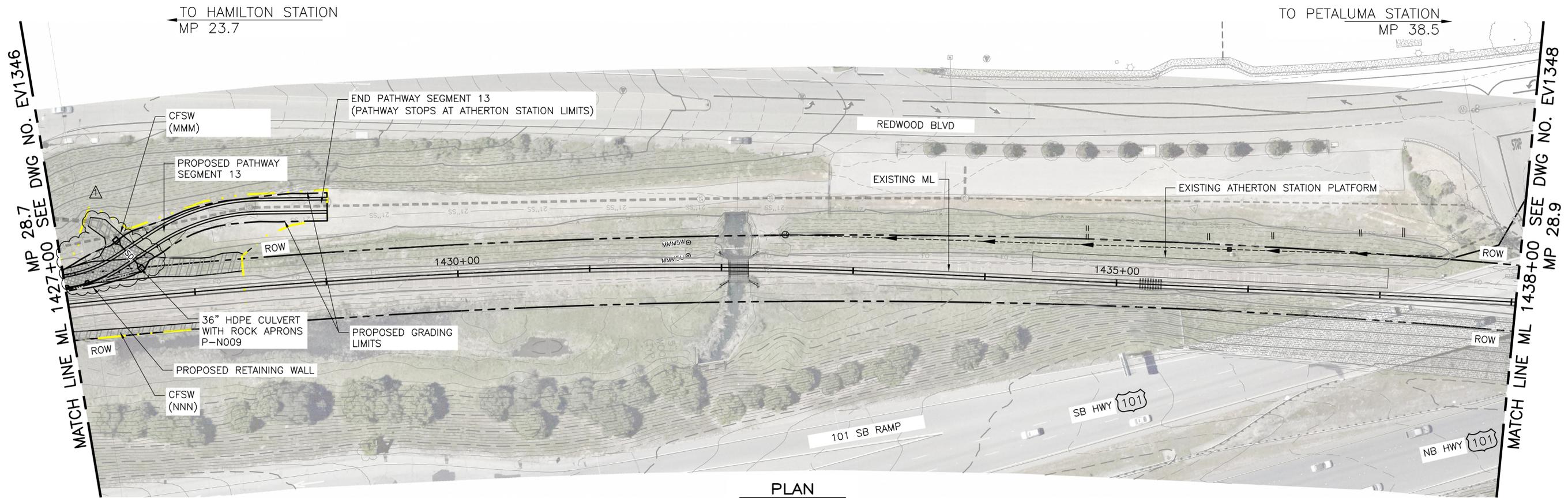
PATHWAY REGION 2 JURISDICTIONAL REVIEW MAPS

PROPOSED CONDITIONS

ML STA 1416+00 TO 1427+00

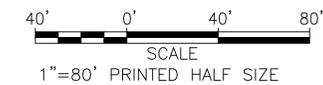
SHEET 47 OF 75

CADD FILENAME
EV1341-EV1350.dwg
 SCALE
AS NOTED
 DWG. NO.
EV1346
 CONTRACT NO.
CV-DB-11-001
 MILEPOST
28.5



PLAN

PATHWAY SEGMENT 13
THIS SHEET



PLAN SHEET	WETLAND NAME	WETLAND TYPE	IMPACT STATUS	IMPACT AREA (SF)	PROJECT ELEMENT	CULVERT STATION	WALL STATION	BRIDGE STATION	NUMBER OF CULVERTS	APPROX FILL DEPTH (FT)	OVERALL GW STRUCT FILL (CY)	BOX CULVERT WIDTH (FT)	BOX CULVERT HEIGHT (FT)	CULVERT DIAMETER (FT)	CULVERT LENGTH IN WETLANDS (FT)	CULVERT AREA IN WETLANDS (SF)	CULVERT STRUCTURAL FILL AREA IN WETLAND (SF)	CULVERT APRON AREA IN WETLANDS (SF)	NUMBER OF PILES TO BE INSTALLED	BRIDGE PILE IN WETLAND OR CHANNEL AREA (SF)
EV1346, EV1347	MMM	CFSW	Perm	801	Pathway/Ret. Wall		1426+50							3						
EV1346, EV1347	MMM	CFSW	Perm	1053	Pathway															

Jun 07, 2016 2:09pm C:\2412 - PCH Wong\2412-11-001 SMART\05 1 - Bid Phase\06-CAD\05 Construction Packages\0 Contract Package 4\003 DWG\04 SHEETS\EV1341-EV1350.dwg

REV	DATE	BY	SUB	APR	DESCRIPTION
Δ	5/31/16	JR			PLAN REVISION



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 DRAWN BY
C. PHELPS
 CHECKED BY
B. SILVA
 IN CHARGE
B. GAMLEN
 DATE
JAN 8, 2016

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PATHWAY REGION 2 JURISDICTIONAL REVIEW MAPS

PROPOSED CONDITIONS

ML STA 1427+00 TO 1438+00

SHEET 48 OF 75

CADD FILENAME EV1341-EV1350.dwg	
SCALE AS NOTED	CONTRACT NO. CV-DB-11-001
DWG. NO. EV1347	MILEPOST 28.7