NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

"Right of way" note goes on every sheet

GENERAL
Use this series of sheets as an example for a project with replacement of planting and irrigation.

Place project-specific notes and legend for symbols and abbreviations that are not included in the standard plans in the upper left hand corner of the first sheet in the series, e.g. IP-1.

Verify clearance for operation if installing WSP by jacking and drilling.

Locate Irrigation Controller Enclosure Cabinets away from the traveled way with the symbol oriented such that the door opens away from traffic.

Verify that locations for electrical service on the Electrical sheets match Controller locations on the Irrigation sheets.

Place call out for R/W outside the Caltrans property line.

Group valves together in safe, accessible locations

When a plan set includes Layout Plans, items such as Irrigation Conduit and Water Meters are shown on those sheets as well as on the IP sheets, where the callout would include: "FOR IRRIGATION CONDUIT, SEE LAYOUT PLANS". Verify that locations match on both sheets.

Pipe sizing may be called out on the plan, in a chart, or with a general note on the 1st sheet in the series (such as "All main supply line is 2" unless otherwise noted")

Verify locations of existing fences, gates, and walls from field notes and show as dropped out on plans.

Provide walk gate from public property for safe access to roadside. Do not place walk gates to commerical or private property.

Always show "connect" symbol when connecting new to existing irrigation line.

Place a standard north arrow and title block on every sheet

Generally, gate valves are installed on each side of supply line crossovers to isolate sections of the irrigation systems.

Identify route and alignment lines

Alternatively, long lines of bubblers may be shown with a single bubbler at each terminus and a quantity callout for the number of bubblers used on the valve.

Place a ball valve upstream of each manifold.

Avoid placing quick coupling valves in vulnerable locations when possible. Use sprinkler protectors with QCV's when appropriate.

CNC may be shown OR the following note may be placed on IP-1:

"Control and neutral conductors routing shall be the same as the irrigation systems main supply line unless otherwise shown."

(Note: The unique project this example was taken from was designed with a "Two-wire" system and the "2W" line style for was included in a legend on sheet IP-1.)

Only one Irrigation Plan (IP-4) sheet is shown in this example. Sheets IP-1 thru IP-3 and IP-5 as well as the associated Irrigation Sprinkler Schedule and Irrigation Quantities have been omitted.

1" -A-6-7.3-58
1" WS
2½" BV
QCV
8" WSP IRRIGATION CONDUIT
2½" GV
ICC 'A' (2-WIRE)
48 STATIONS
17 STATIONS USED
QVC
1" -A-7-17.0-204
1" -A-8-9.7-58
1" -A-9-10.9-88
1" WS
QCV
1½"A-10-24.3-291
1"-A-11-11.8-142
1"-A-12-15.9-150
1"-A-13-13.3-98
1"-A-14-11.6-70
1"-A-15-3.7-44
1" WS
2½" BV
2½" GV
8" WSP IRRIGATION CONDUIT
QCV
1"-A-16-15.7-151
1" WS
2½" BV
Exist 2½'' GSP IN 6'' CONDUIT
R/W
MILPITAS
"JC" LINE
"J" LINE
ROUTE 680
JACKLIN Rd
HORCAJO Cir
CL WALK GATE (4'-0")
MATCH LINE (IP-3)
MATCH LINE (IP-5)
3" GV
3" SUPPLY LINE (BRIDGE)
CONNECT TO EXISTING 3" PVC MAIN SUPPLY LINE
THVF
ESA
JAHL

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS

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.

LICENSED LANDSCAPE ARCHITECT — Signature — Renewal Date — Date — STATE OF CALIFORNIA

REVISED BY | DATE REVISED

CALCULATED-DESIGNED BY | CHECKED BY

SENIOR LANDSCAPE ARCHITECT

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® LANDSCAPE ARCHITECTURE

PLANS PREPARATION MANUAL

PLANTING REPLACEMENT RELEASED 06/19/2020

EXAMPLE E3 HIGHWAY PL

LAST REVISION 05-18-20 | DATE PLOTTED => 19-JUN-2020 | TIME PLOTTED => 10:47

LANDSCAPE EXAMPLE E3, HIGHWAY PLANTING REPLACEMENT — SHEET 3 OF 4

APPROVED FOR IRRIGATION WORK ONLY

"Approved for" note goes on every sheet

IRRIGATION PLAN
SCALE: 1" = 50'
IP-4

BORDER LAST REVISED 7/2/2010 | USERNAME => s111271 | DGN FILE => Example-E3_HighwayPlantingReplacement.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 00000000001