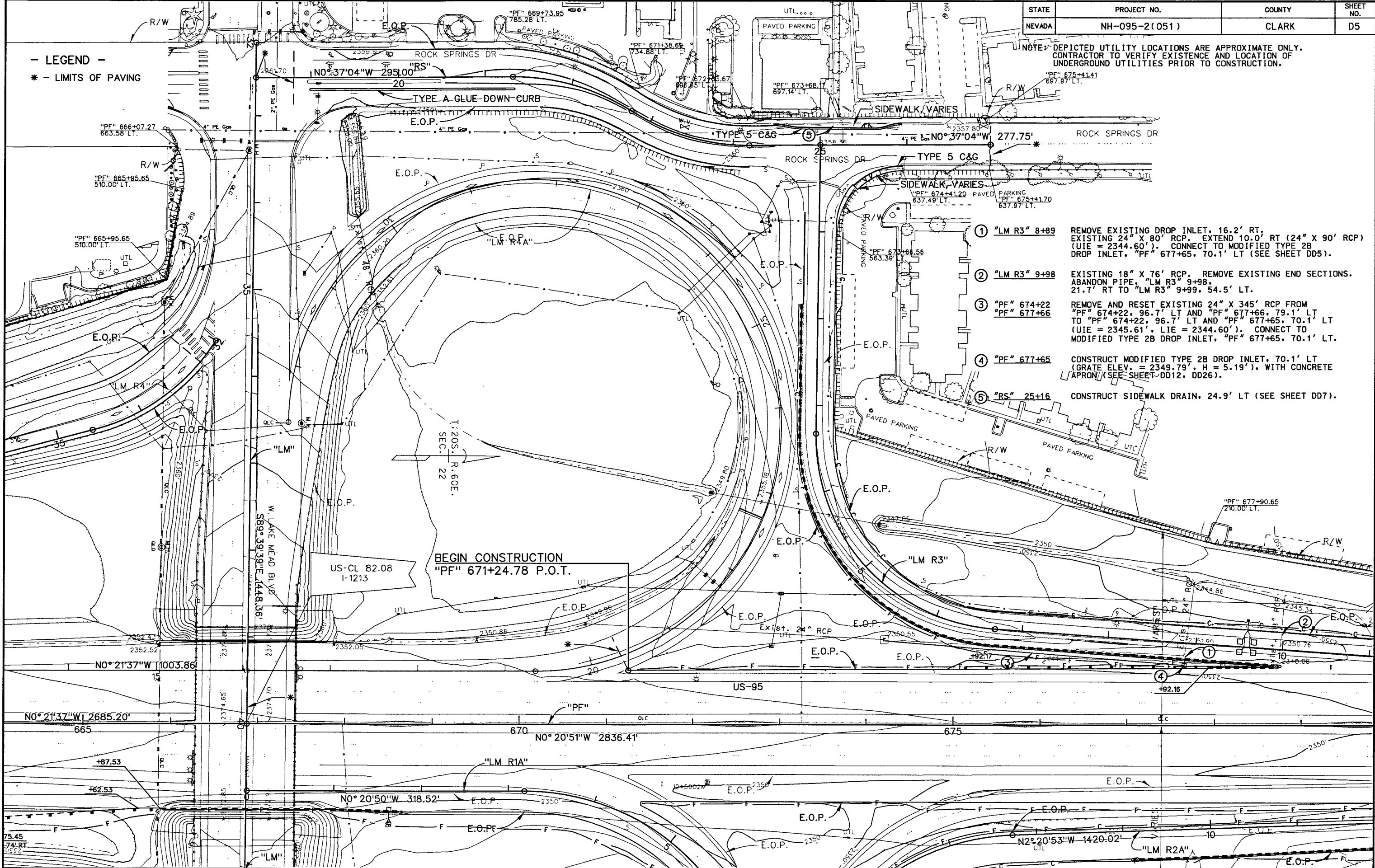




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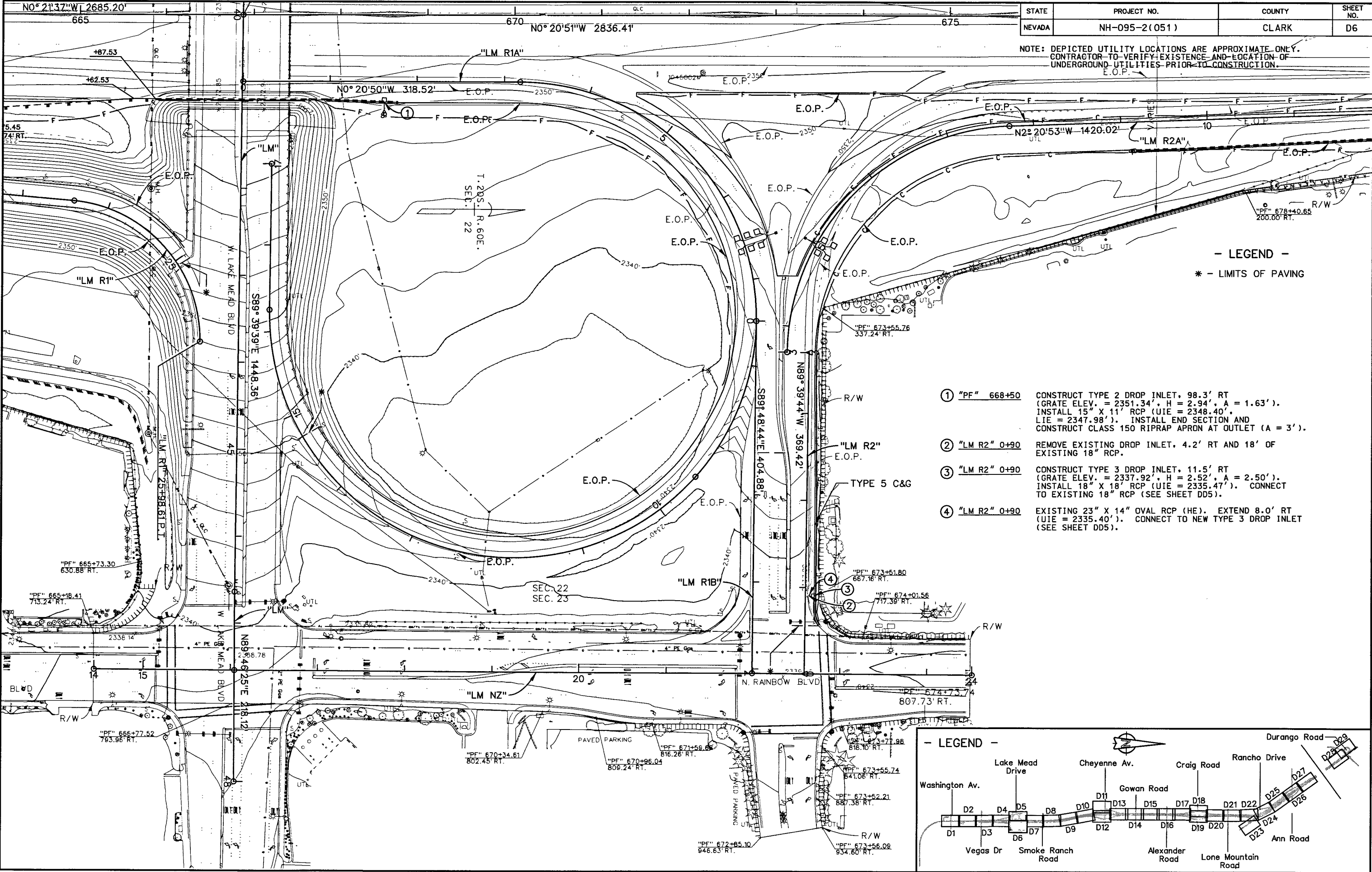
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— LEGEND —
* — LIMITS OF PAVING

- 1 "LM R3" 8+89 REMOVE EXISTING DROP INLET, 16.2' RT. EXISTING 24" X 80' RCP. EXTEND 10.0' RT (24" X 90' RCP) (UIE = 2344.60'). CONNECT TO MODIFIED TYPE 2B DROP INLET, "PF" 677+65, 70.1' LT (SEE SHEET DD5).
- 2 "LM R3" 9+98 EXISTING 18" X 76' RCP. REMOVE EXISTING END SECTIONS. ABANDON PIPE, "LM R3" 9+98, 21.7' RT TO "LM R3" 9+99, 54.5' LT.
- 3 "PF" 674+22 REMOVE AND RESET EXISTING 24" X 345' RCP FROM "PF" 674+22, 96.7' LT AND "PF" 677+66, 79.1' LT TO "PF" 674+22, 96.7' LT AND "PF" 677+65, 70.1' LT (UIE = 2345.61', LIE = 2344.60'). CONNECT TO MODIFIED TYPE 2B DROP INLET, "PF" 677+65, 70.1' LT.
- 4 "PF" 677+65 CONSTRUCT MODIFIED TYPE 2B DROP INLET, 70.1' LT (GRATE ELEV. = 2349.79', H = 5.19'), WITH CONCRETE APRON (SEE SHEET DD12, DD26).
- 5 "RS" 25+16 CONSTRUCT SIDEWALK DRAIN, 24.9' LT (SEE SHEET DD7).

BEGIN CONSTRUCTION
"PF" 671+24.78 P.O.T.

US-CL 82.08
I-1213

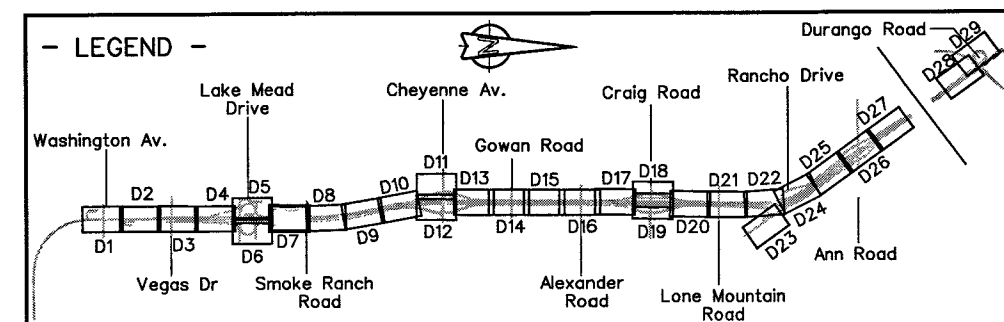
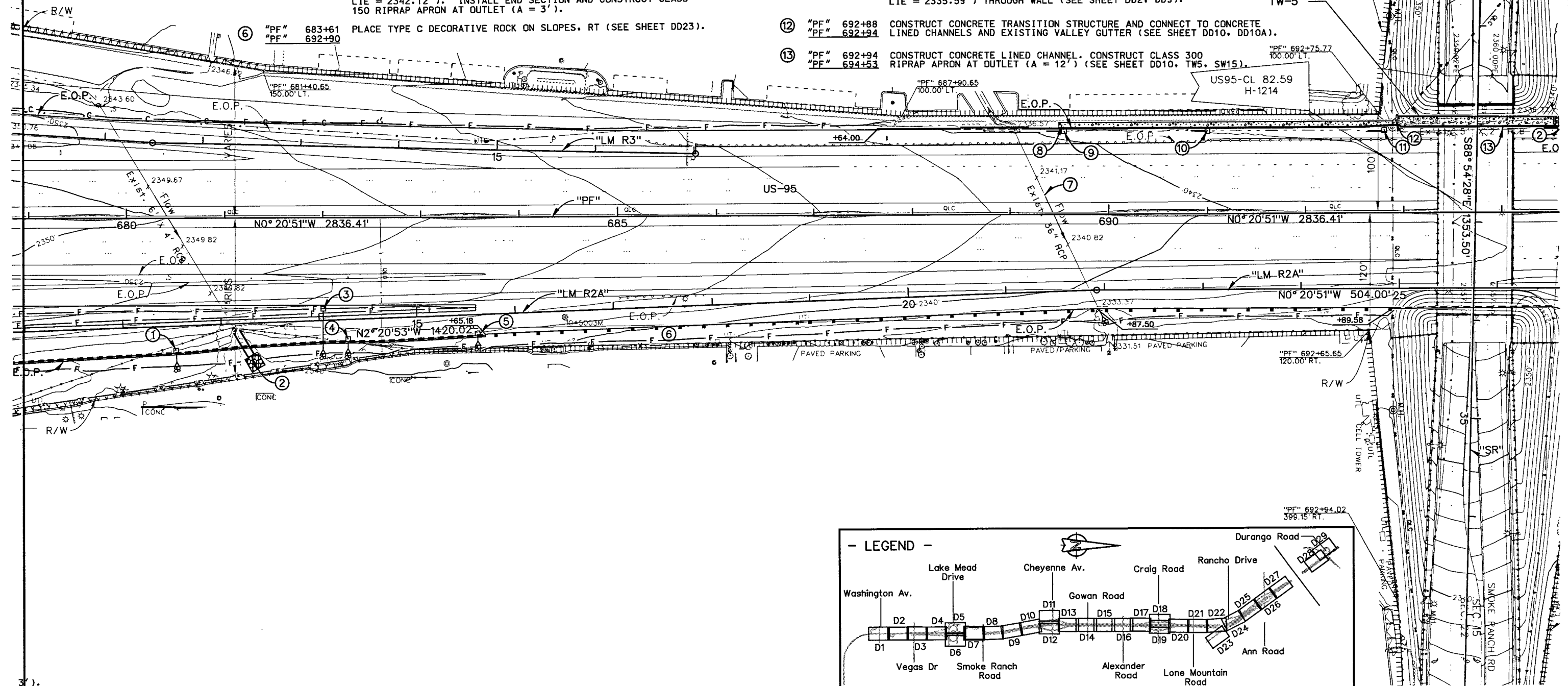


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- ① "LM R2A"12+53 CONSTRUCT TYPE 2 DROP INLET, 25.8' RT (GRATE ELEV. = 2348.32', H = 2.94', A = 1.63'). INSTALL 15" X 12' RCP (UIE = 2345.38', LIE = 2343.08'). INSTALL END SECTION AND CONSTRUCT CLASS 150 RIPRAP APRON AT OUTLET (A = 3').
- ② "PF" 680+42 EXISTING 6' X 4' X 266' RCB. REMOVE EXISTING HEADWALL, RT. EXTEND 29.0' TO "PF" 681+26, 140.5' RT (LIE = 2341.21'), CONSTRUCT TYPE 1 HEADWALL RT (0 DEGREE SKEW). CONSTRUCT 16' X 16' CLASS 300 RIPRAP APRON AT OUTLET (SEE SHEET DP7, DD16).
- ③ "PF" 682+00 CONSTRUCT TYPE 2B DROP INLET, 92.9' RT (GRATE ELEV. = 2346.41', H = 2.61', A = 1.63'). WITH CONCRETE APRON. INSTALL 15" X 42' RCP (UIE = 2343.80', LIE = 2342.61'). INSTALL END SECTION AND CONSTRUCT CLASS 150 RIPRAP APRON AT OUTLET (A = 3') (SEE SHEET DD26).
- ④ "LM R2A"14+29 CONSTRUCT TYPE 2 DROP INLET, 20.7' RT (GRATE ELEV. = 2346.68', H = 2.94', A = 1.63'). INSTALL 15" X 10' RCP (UIE = 2343.74', LIE = 2342.38'). INSTALL END SECTION AND CONSTRUCT CLASS 150 RIPRAP APRON AT OUTLET (A = 3').
- ⑤ "LM R2A"15+61 CONSTRUCT TYPE 2 DROP INLET, 19.7' RT (GRATE ELEV. = 2345.35', H = 2.94', A = 1.63'). INSTALL 15" X 8' RCP (UIE = 2342.41', LIE = 2342.12'). INSTALL END SECTION AND CONSTRUCT CLASS 150 RIPRAP APRON AT OUTLET (A = 3').
- ⑥ "PF" 683+61 PLACE TYPE C DECORATIVE ROCK ON SLOPES, RT (SEE SHEET DD23).

- ⑦ "PF" 689+45 EXISTING 36" X 200' RCP. REMOVE EXISTING END SECTIONS RT AND LT. EXTEND 11.0' RT. INSTALL END SECTION AND CONSTRUCT CLASS 300 RIPRAP APRON AT OUTLET (SIDE SLOPES = 4:1). EXTEND 5.0' LT WITH 45" X 29" OVAL RCP (HE) THROUGH WALL (UIE = 2336.63', LIE = 2333.20') (SEE SHEET DD5).
- ⑧ "PF" 689+50 CONSTRUCT CONCRETE LINED CHANNEL (SEE SHEET DD10, SW15).
- ⑨ "PF" 689+55 CONSTRUCT TYPE 2 DROP INLET, 85.5' LT (GRATE ELEV. = 2340.24', H = 1.92', A = 1.63'). WITH 8" X 15' TRENCH DRAIN BACK ON LINE (H1 = 4", H2 = 8"). INSTALL 12" X 2' RCP (UIE = 2338.32', LIE = 2338.31') THROUGH WALL (SEE SHEET DD2, DD9).
- ⑩ "PF" 691+00 CONSTRUCT TYPE 2 DROP INLET, 85.5' LT (GRATE ELEV. = 2338.76', H = 1.92', A = 1.63'). WITH 8" X 13' TRENCH DRAIN BACK ON LINE (H1 = 4", H2 = 8"). INSTALL 12" X 2' RCP (UIE = 2336.84', LIE = 2336.83') THROUGH WALL (SEE SHEET DD2, DD9).
- ⑪ "PF" 692+80 CONSTRUCT TYPE 2 DROP INLET, 86.8' LT (GRATE ELEV. = 2337.52', H = 1.92', A = 1.63'). WITH 8" X 14' TRENCH DRAIN BACK ON LINE (H1 = 4", H2 = 8"). INSTALL 12" X 2' RCP (UIE = 2335.60', LIE = 2335.59') THROUGH WALL (SEE SHEET DD2, DD9).
- ⑫ "PF" 692+88 CONSTRUCT CONCRETE TRANSITION STRUCTURE AND CONNECT TO CONCRETE LINED CHANNELS AND EXISTING VALLEY GUTTER (SEE SHEET DD10, DD10A).
- ⑬ "PF" 692+94 CONSTRUCT CONCRETE LINED CHANNEL. CONSTRUCT CLASS 300 RIPRAP APRON AT OUTLET (A = 12') (SEE SHEET DD10, TW5, SW15).

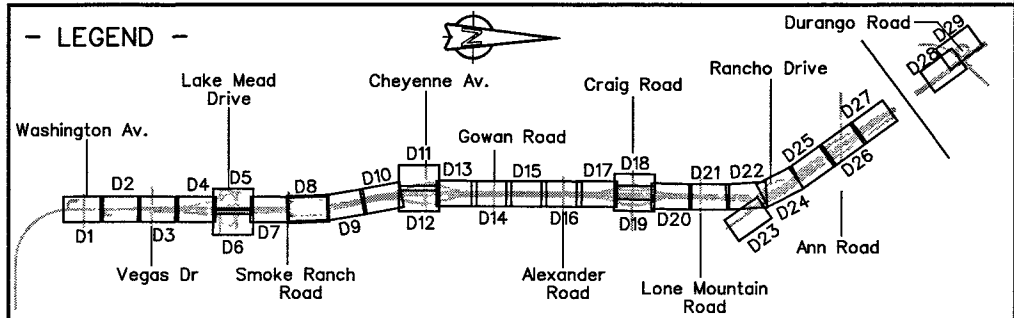
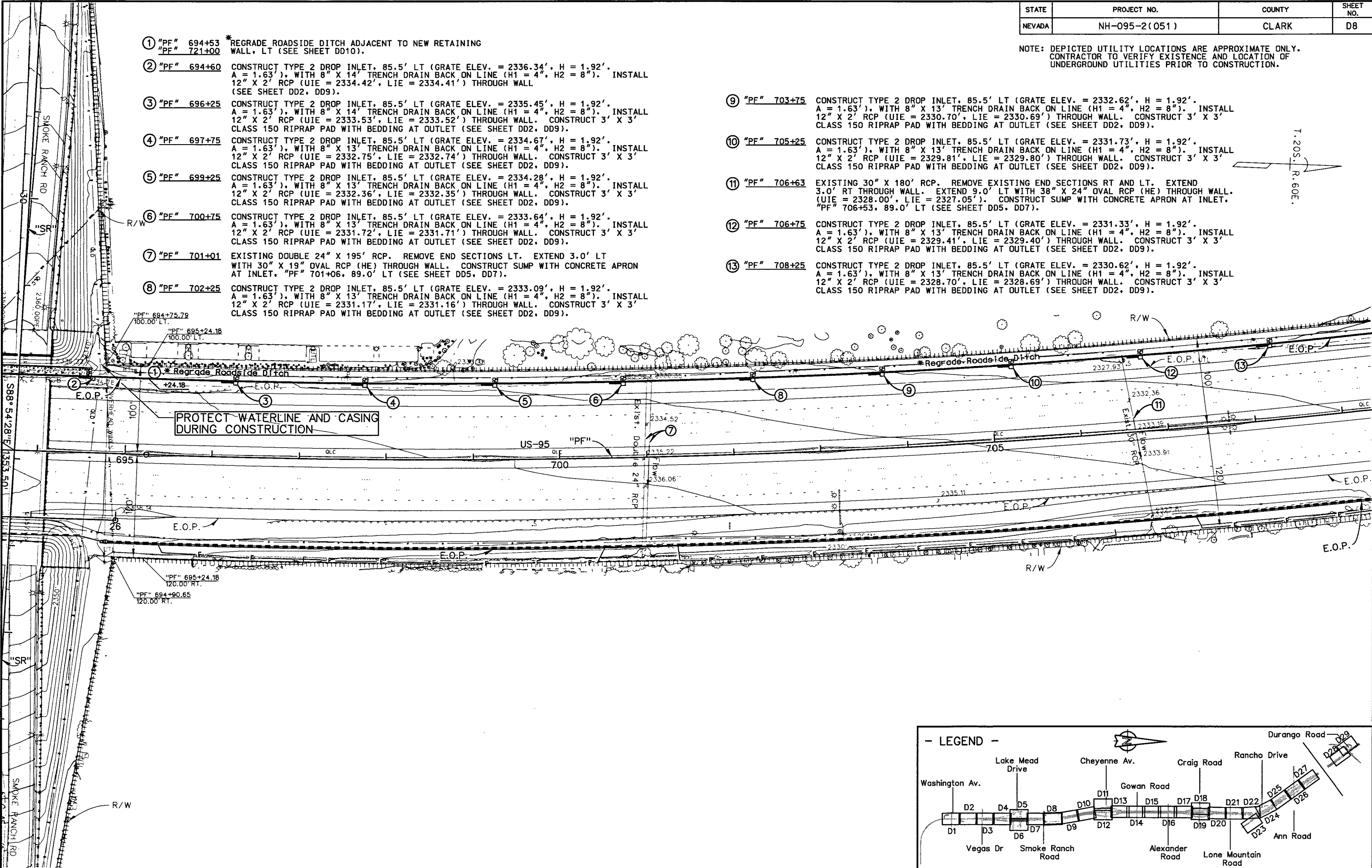


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- ① "PF" 694+53 *REGRADE ROADSIDE DITCH ADJACENT TO NEW RETAINING WALL, LT (SEE SHEET DD10).
- ② "PF" 694+60 CONSTRUCT TYPE 2 DROP INLET, 85.5' LT (GRATE ELEV. = 2336.34', H = 1.92'. A = 1.63'), WITH 8" X 14' TRENCH DRAIN BACK ON LINE (H1 = 4", H2 = 8"). INSTALL 12" X 2' RCP (UIE = 2334.42', LIE = 2334.41') THROUGH WALL. CONSTRUCT 3' X 3' CLASS 150 RIPRAP PAD WITH BEDDING AT OUTLET (SEE SHEET DD2, DD9).
- ③ "PF" 696+25 CONSTRUCT TYPE 2 DROP INLET, 85.5' LT (GRATE ELEV. = 2335.45', H = 1.92'. A = 1.63'), WITH 8" X 14' TRENCH DRAIN BACK ON LINE (H1 = 4", H2 = 8"). INSTALL 12" X 2' RCP (UIE = 2333.53', LIE = 2333.52') THROUGH WALL. CONSTRUCT 3' X 3' CLASS 150 RIPRAP PAD WITH BEDDING AT OUTLET (SEE SHEET DD2, DD9).
- ④ "PF" 697+75 CONSTRUCT TYPE 2 DROP INLET, 85.5' LT (GRATE ELEV. = 2334.67', H = 1.92'. A = 1.63'), WITH 8" X 13' TRENCH DRAIN BACK ON LINE (H1 = 4", H2 = 8"). INSTALL 12" X 2' RCP (UIE = 2332.75', LIE = 2332.74') THROUGH WALL. CONSTRUCT 3' X 3' CLASS 150 RIPRAP PAD WITH BEDDING AT OUTLET (SEE SHEET DD2, DD9).
- ⑤ "PF" 699+25 CONSTRUCT TYPE 2 DROP INLET, 85.5' LT (GRATE ELEV. = 2334.28', H = 1.92'. A = 1.63'), WITH 8" X 13' TRENCH DRAIN BACK ON LINE (H1 = 4", H2 = 8"). INSTALL 12" X 2' RCP (UIE = 2332.36', LIE = 2332.35') THROUGH WALL. CONSTRUCT 3' X 3' CLASS 150 RIPRAP PAD WITH BEDDING AT OUTLET (SEE SHEET DD2, DD9).
- ⑥ "PF" 700+75 CONSTRUCT TYPE 2 DROP INLET, 85.5' LT (GRATE ELEV. = 2333.64', H = 1.92'. A = 1.63'), WITH 8" X 13' TRENCH DRAIN BACK ON LINE (H1 = 4", H2 = 8"). INSTALL 12" X 2' RCP (UIE = 2331.72', LIE = 2331.71') THROUGH WALL. CONSTRUCT 3' X 3' CLASS 150 RIPRAP PAD WITH BEDDING AT OUTLET (SEE SHEET DD2, DD9).
- ⑦ "PF" 701+01 EXISTING DOUBLE 24" X 195' RCP. REMOVE END SECTIONS LT. EXTEND 3.0' LT WITH 30" X 19" OVAL RCP (HE) THROUGH WALL. CONSTRUCT SUMP WITH CONCRETE APRON AT INLET, "PF" 701+06, 89.0' LT (SEE SHEET DD5, DD7).
- ⑧ "PF" 702+25 CONSTRUCT TYPE 2 DROP INLET, 85.5' LT (GRATE ELEV. = 2333.09', H = 1.92'. A = 1.63'), WITH 8" X 13' TRENCH DRAIN BACK ON LINE (H1 = 4", H2 = 8"). INSTALL 12" X 2' RCP (UIE = 2331.17', LIE = 2331.16') THROUGH WALL. CONSTRUCT 3' X 3' CLASS 150 RIPRAP PAD WITH BEDDING AT OUTLET (SEE SHEET DD2, DD9).

- ⑨ "PF" 703+75 CONSTRUCT TYPE 2 DROP INLET, 85.5' LT (GRATE ELEV. = 2332.62', H = 1.92'. A = 1.63'), WITH 8" X 13' TRENCH DRAIN BACK ON LINE (H1 = 4", H2 = 8"). INSTALL 12" X 2' RCP (UIE = 2330.70', LIE = 2330.69') THROUGH WALL. CONSTRUCT 3' X 3' CLASS 150 RIPRAP PAD WITH BEDDING AT OUTLET (SEE SHEET DD2, DD9).
- ⑩ "PF" 705+25 CONSTRUCT TYPE 2 DROP INLET, 85.5' LT (GRATE ELEV. = 2331.73', H = 1.92'. A = 1.63'), WITH 8" X 13' TRENCH DRAIN BACK ON LINE (H1 = 4", H2 = 8"). INSTALL 12" X 2' RCP (UIE = 2329.81', LIE = 2329.80') THROUGH WALL. CONSTRUCT 3' X 3' CLASS 150 RIPRAP PAD WITH BEDDING AT OUTLET (SEE SHEET DD2, DD9).
- ⑪ "PF" 706+63 EXISTING 30" X 180' RCP. REMOVE EXISTING END SECTIONS RT AND LT. EXTEND 3.0' RT THROUGH WALL. EXTEND 9.0' LT WITH 38" X 24" OVAL RCP (HE) THROUGH WALL. (UIE = 2328.00', LIE = 2327.05'). CONSTRUCT SUMP WITH CONCRETE APRON AT INLET, "PF" 706+53, 89.0' LT (SEE SHEET DD5, DD7).
- ⑫ "PF" 706+75 CONSTRUCT TYPE 2 DROP INLET, 85.5' LT (GRATE ELEV. = 2331.33', H = 1.92'. A = 1.63'), WITH 8" X 13' TRENCH DRAIN BACK ON LINE (H1 = 4", H2 = 8"). INSTALL 12" X 2' RCP (UIE = 2329.41', LIE = 2329.40') THROUGH WALL. CONSTRUCT 3' X 3' CLASS 150 RIPRAP PAD WITH BEDDING AT OUTLET (SEE SHEET DD2, DD9).
- ⑬ "PF" 708+25 CONSTRUCT TYPE 2 DROP INLET, 85.5' LT (GRATE ELEV. = 2330.62', H = 1.92'. A = 1.63'), WITH 8" X 13' TRENCH DRAIN BACK ON LINE (H1 = 4", H2 = 8"). INSTALL 12" X 2' RCP (UIE = 2328.70', LIE = 2328.69') THROUGH WALL. CONSTRUCT 3' X 3' CLASS 150 RIPRAP PAD WITH BEDDING AT OUTLET (SEE SHEET DD2, DD9).

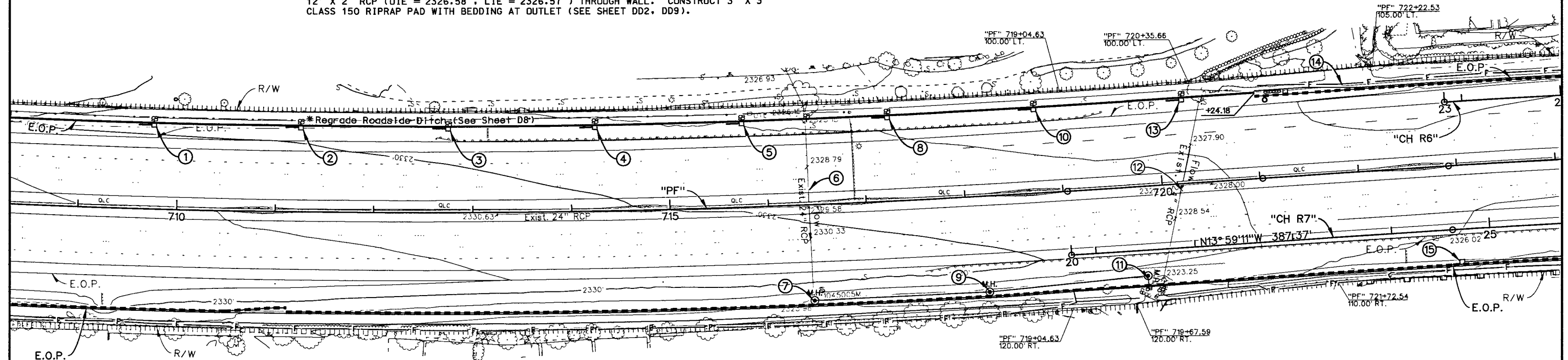
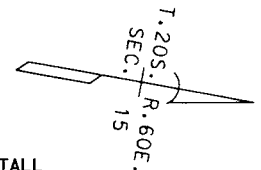


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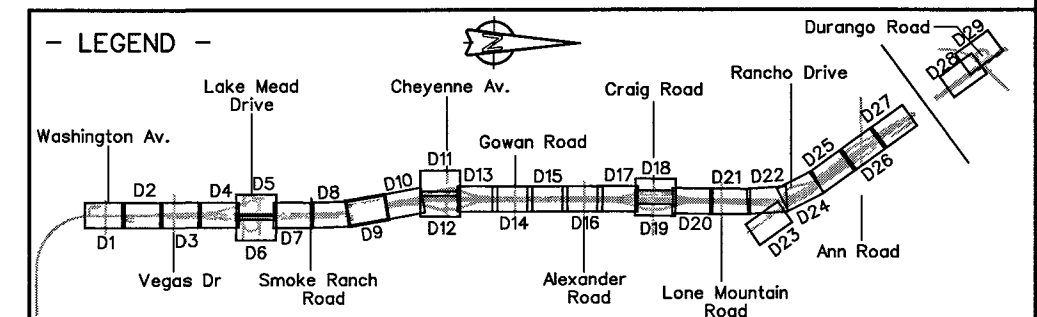
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- ① "PF" 709+75 CONSTRUCT TYPE 2 DROP INLET, 85.5' LT (GRATE ELEV. = 2330.04', H = 1.92', A = 1.63'), WITH 8" X 13' TRENCH DRAIN BACK ON LINE (H1 = 4", H2 = 8"). INSTALL 12" X 2' RCP (UIE = 2328.12', LIE = 2328.11') THROUGH WALL. CONSTRUCT 3' X 3' CLASS 150 RIPRAP PAD WITH BEDDING AT OUTLET (SEE SHEET DD2, DD9).
- ② "PF" 711+25 CONSTRUCT TYPE 2 DROP INLET, 85.5' LT (GRATE ELEV. = 2329.69', H = 1.92', A = 1.63'), WITH 8" X 13' TRENCH DRAIN BACK ON LINE (H1 = 4", H2 = 8"). INSTALL 12" X 2' RCP (UIE = 2327.77', LIE = 2327.76') THROUGH WALL. CONSTRUCT 3' X 3' CLASS 150 RIPRAP PAD WITH BEDDING AT OUTLET (SEE SHEET DD2, DD9).
- ③ "PF" 712+25 CONSTRUCT TYPE 2 DROP INLET, 85.5' LT (GRATE ELEV. = 2329.25', H = 1.92', A = 1.63'), WITH 8" X 13' TRENCH DRAIN BACK ON LINE (H1 = 4", H2 = 8"). INSTALL 12" X 2' RCP (UIE = 2327.33', LIE = 2327.32') THROUGH WALL. CONSTRUCT 3' X 3' CLASS 150 RIPRAP PAD WITH BEDDING AT OUTLET (SEE SHEET DD2, DD9).
- ④ "PF" 714+25 CONSTRUCT TYPE 2 DROP INLET, 85.5' LT (GRATE ELEV. = 2329.08', H = 1.92', A = 1.63'), WITH 8" X 13' TRENCH DRAIN BACK ON LINE (H1 = 4", H2 = 8"). INSTALL 12" X 2' RCP (UIE = 2327.16', LIE = 2327.15') THROUGH WALL. CONSTRUCT 3' X 3' CLASS 150 RIPRAP PAD WITH BEDDING AT OUTLET (SEE SHEET DD2, DD9).
- ⑤ "PF" 715+75 CONSTRUCT TYPE 2 DROP INLET, 85.5' LT (GRATE ELEV. = 2328.50', H = 1.92', A = 1.63'), WITH 8" X 13' TRENCH DRAIN BACK ON LINE (H1 = 4", H2 = 8"). INSTALL 12" X 2' RCP (UIE = 2326.58', LIE = 2326.57') THROUGH WALL. CONSTRUCT 3' X 3' CLASS 150 RIPRAP PAD WITH BEDDING AT OUTLET (SEE SHEET DD2, DD9).

- ⑥ "PF" 716+43 EXISTING 24" X 184' RCP. REMOVE EXISTING END SECTIONS RT AND LT. REMOVE 4.0' OF EXISTING RCP. RT. CONNECT TO TYPE 1 MANHOLE. "PF" 716+44, 98.5' RT. EXTEND 5.0' LT WITH 30" X 19" OVAL RCP (HE) THROUGH WALL (UIE = 2324.39', LIE = 2323.53'). CONSTRUCT SUMP WITH CONCRETE APRON AT INLET. "PF" 716+42, 89.0' LT (SEE SHEET DP8, DD5, DD7).
- ⑦ "PF" 716+44 CONSTRUCT TYPE 1 ECCENTRIC MANHOLE, 98.5' RT (COVER ELEV. = 2331.83', H = 8.36'). INSTALL 24" X 178' RCP (UIE = 2323.47', LIE = 2323.11'). CONNECT TO TYPE 1 MANHOLE. "PF" 718+20, 98.5' RT (SEE SHEET DP8).
- ⑧ "PF" 717+25 CONSTRUCT TYPE 2 DROP INLET, 85.5' LT (GRATE ELEV. = 2327.74', H = 1.92', A = 1.63'), WITH 8" X 13' TRENCH DRAIN BACK ON LINE (H1 = 4", H2 = 8"). INSTALL 12" X 2' RCP (UIE = 2325.82', LIE = 2325.81') THROUGH WALL. CONSTRUCT 3' X 3' CLASS 150 RIPRAP PAD WITH BEDDING AT OUTLET (SEE SHEET DD2, DD9).
- ⑨ "PF" 718+20 CONSTRUCT TYPE 1 ECCENTRIC MANHOLE, 98.5' RT (COVER ELEV. = 2331.24', H = 8.14'). INSTALL 24" X 160' RCP (UIE = 2323.10', LIE = 2322.78'). CONNECT TO TYPE 1 MANHOLE. "PF" 719+80, 92.0' RT (SEE SHEET DP8).



- ⑩ "PF" 718+75 CONSTRUCT TYPE 2 DROP INLET, 85.5' LT (GRATE ELEV. = 2327.35', H = 1.92', A = 1.63'), WITH 8" X 13' TRENCH DRAIN BACK ON LINE (H1 = 4", H2 = 8"). INSTALL 12" X 2' RCP (UIE = 2325.43', LIE = 2325.42') THROUGH WALL. CONSTRUCT 3' X 3' CLASS 150 RIPRAP PAD WITH BEDDING AT OUTLET (SEE SHEET DD2, DD9).
- ⑪ "PF" 719+80 CONSTRUCT TYPE 1 ECCENTRIC MANHOLE, 92.0' RT (COVER ELEV. = 2329.52', H = 6.75'). INSTALL 24" X 9' RCP (UIE = 2322.77', LIE = 2322.72'). THROUGH WALL. CONSTRUCT 3' X 3' CLASS 150 RIPRAP APRON AT OUTLET (SEE SHEET DP8).
- ⑫ "PF" 720+22 EXISTING 24" X 186' RCP. REMOVE EXISTING END SECTIONS RT AND LT. EXTEND 5.0' RT THROUGH WALL AND 7.0' LT WITH 30" X 19" OVAL RCP (HE) THROUGH WALL (UIE = 2324.28', LIE = 2322.81'). CONSTRUCT CLASS 150 RIPRAP APRON AT OUTLET, RT (SEE SHEET DD5).
- ⑬ "PF" 720+25 CONSTRUCT TYPE 2 DROP INLET, 85.5' LT (GRATE ELEV. = 2327.34', H = 1.92', A = 1.63'), WITH 8" X 13' TRENCH DRAIN BACK ON LINE (H1 = 4", H2 = 8"). INSTALL 12" X 2' RCP (UIE = 2325.42', LIE = 2325.41') THROUGH WALL. CONSTRUCT 3' X 3' CLASS 150 RIPRAP PAD WITH BEDDING AT OUTLET (SEE SHEET DD2, DD9).
- ⑭ "PF" 721+00 "PF" 731+00 PLACE TYPE C DECORATIVE ROCK ON SLOPES, LT (SEE SHEET DD23).
- ⑮ "PF" 723+00 CONSTRUCT TYPE 2 DROP INLET, 98.8' RT (GRATE ELEV. = 2325.66', H = 3.21', A = 1.92'). INSTALL 18" X 198' RCP (UIE = 2322.45', LIE = 2321.80'). CONNECT TO DROP INLET. "PF" 725+00, 98.8' RT (SEE SHEET DP8).

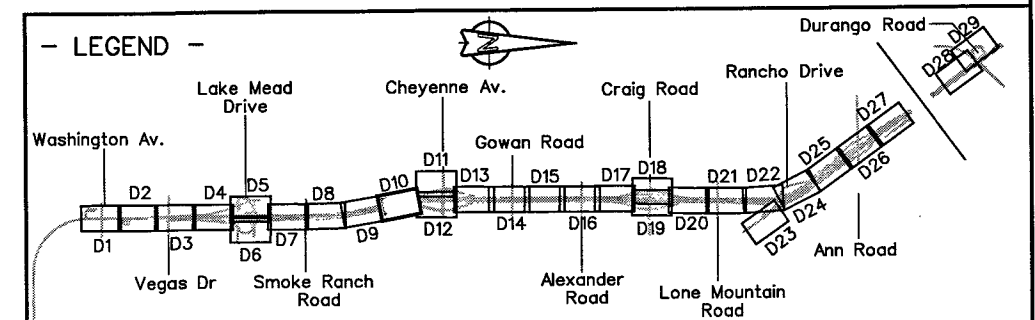
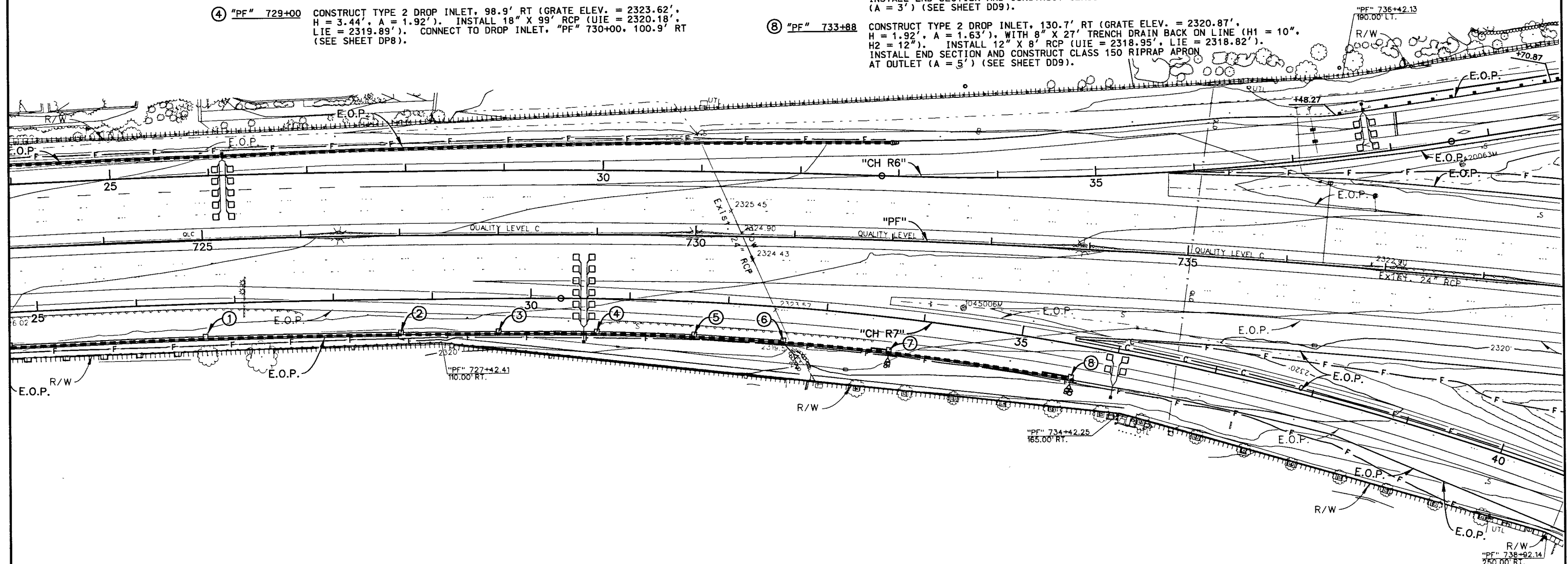


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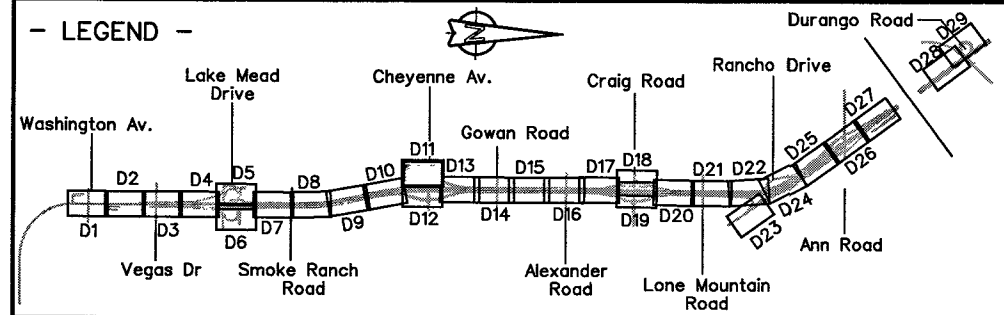
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- ① "PF" 725+00 CONSTRUCT TYPE 2 DROP INLET, 98.8' RT (GRATE ELEV. = 2324.79', H = 3.21', A = 1.92'). INSTALL 18" X 198' RCP (UIE = 2321.58', LIE = 2320.99'). CONNECT TO DROP INLET, "PF" 727+00, 98.8' RT (SEE SHEET DP8).
- ② "PF" 727+00 CONSTRUCT TYPE 2 DROP INLET, 98.8' RT (GRATE ELEV. = 2324.01', H = 3.21', A = 1.92'). INSTALL 18" X 99' RCP (UIE = 2320.80', LIE = 2320.51'). CONNECT TO DROP INLET, "PF" 728+00, 98.8' RT (SEE SHEET DP8).
- ③ "PF" 728+00 CONSTRUCT TYPE 2 DROP INLET, 98.8' RT (GRATE ELEV. = 2323.69', H = 3.21', A = 1.92'). INSTALL 18" X 99' RCP (UIE = 2320.48', LIE = 2320.19'). CONNECT TO DROP INLET, "PF" 729+00, 98.9' RT (SEE SHEET DP8).
- ④ "PF" 729+00 CONSTRUCT TYPE 2 DROP INLET, 98.9' RT (GRATE ELEV. = 2323.62', H = 3.44', A = 1.92'). INSTALL 18" X 99' RCP (UIE = 2320.18', LIE = 2319.89'). CONNECT TO DROP INLET, "PF" 730+00, 100.9' RT (SEE SHEET DP8).

- ⑤ "PF" 730+00 CONSTRUCT TYPE 2 DROP INLET, 100.9' RT (GRATE ELEV. = 2323.20', H = 3.32', A = 1.92'). INSTALL 18" X 113' RCP (UIE = 2319.68', LIE = 2319.54'). CONNECT TO DROP INLET, "PF" 730+91, 104.8' RT (SEE SHEET DP8).
- ⑥ "PF" 730+91 CONSTRUCT TYPE 2 DROP INLET, 104.8' RT (GRATE ELEV. = 2322.86', H = 3.33', A = 3.00'). INSTALL 18" X 20' RCP (UIE = 2319.53', LIE = 2318.50'). OUTLET TO EXISTING RIPRAP APRON, "PF" 731+04, 120.7' RT. INSTALL END SECTION (SEE SHEET DP8).
- ⑦ "PF" 732+00 CONSTRUCT TYPE 2 DROP INLET, 111.9' RT (GRATE ELEV. = 2322.39', H = 1.92', A = 1.63'). WITH 8" X 16' TRENCH DRAIN BACK ON LINE (H1 = 4", H2 = 8"). INSTALL 12" X 8' RCP (UIE = 2320.47', LIE = 2320.36'). INSTALL END SECTION AND CONSTRUCT CLASS 150 RIPRAP APRON AT OUTLET (A = 3') (SEE SHEET DD9).
- ⑧ "PF" 733+88 CONSTRUCT TYPE 2 DROP INLET, 130.7' RT (GRATE ELEV. = 2320.87', H = 1.92', A = 1.63'). WITH 8" X 27' TRENCH DRAIN BACK ON LINE (H1 = 10", H2 = 12"). INSTALL 12" X 8' RCP (UIE = 2318.95', LIE = 2318.82'). INSTALL END SECTION AND CONSTRUCT CLASS 150 RIPRAP APRON AT OUTLET (A = 5') (SEE SHEET DD9).



- LEGEND -



- LEGEND -

* - LIMITS OF PAVING

① "CH" 10+41

REMOVE CLARK CO. TYPE "C" DROP INLET, RT. CONSTRUCT MODIFIED TYPE "DM2" DROP INLET, 64.6' RT (GRATE ELEV. = 2324.65', H = 3.94', L = 20.0'). INSTALL 30" X 10' RCP (UIE = 2320.71', LIE = 2320.68'). RE-ESTABLISH CONNECTIONS TO JUNCTION BOX (SEE SHEET DD3A, DD5A).

② "CH" 13+63

REMOVE CLARK CO. TYPE "C" DROP INLET, RT. CONSTRUCT MODIFIED TYPE "DM2" DROP INLET, 60.0' RT (GRATE ELEV. = 2322.64', H = 3.26', L = 5.0'). EXTEND EXISTING 24" RCP LATERAL 3.0' RT (UIE = 2319.38', LIE = 2319.36'). CONNECT TO DROP INLET (SEE SHEET DD3A, DD5).

③ "CH" 16+42

REMOVE EXISTING DROP INLET, 43.3' LT. AND 59.0' OF EXISTING 24" RCP.

④ "CH" 16+43

CONSTRUCT TYPE 11 DROP INLET, 50.0' LT (GRATE ELEV. = 2329.99', H = 2.94', L = 7.0', A = 2.50'). INSTALL 15" X 83' RCP (UIE = 2326.89', LIE = 2326.07'). CONNECT TO TYPE 2 DROP INLET, "CH R9" 14+27, 7.0' RT.

⑤ "CH R5" 52+82

CONSTRUCT TYPE 2 DROP INLET, 44.9' LT (GRATE ELEV. = 2321.56', H = 1.96', A = 1.63'). INSTALL 12" X 3' RCP (UIE = 2319.61', LIE = 2319.55') THROUGH RETAINING WALL. CONSTRUCT 3' X 3' CLASS 150 RIPRAP PAD WITH BEDDING AT OUTLET (SEE SHEET DD2).

⑥ "CH R9" 14+27

CONSTRUCT TYPE 2 DROP INLET, 7.0' RT (GRATE ELEV. = 2329.68', H = 3.71', A = 2.00'). INSTALL 15" X 24' CMP (UIE = 2325.97', LIE = 2319.08'). INSTALL METAL END SECTION AND CONSTRUCT CLASS 150 RIPRAP APRON AT OUTLET (A = 4').

⑦ "CH R9" 14+27

CONSTRUCT V-DITCH, "CH R9" 14+27, 51.1' RT TO "CH R9" 16+86, 20.9' RT (LT SIDE SLOPE = 4:1, RT SIDE SLOPE = 4:1) (UIE = 2317.12', LIE = 2315.16').

⑧ "CH R9" 15+87

CONSTRUCT 10' X 20' X 12" CLASS 150 RIPRAP ON 8" CLASS 150 RIPRAP BEDDING, "CH R9" 15+87, 10.0' RT TO "CH R9" 15+90, 30.0' RT.

⑨ "CH R9" 16+86

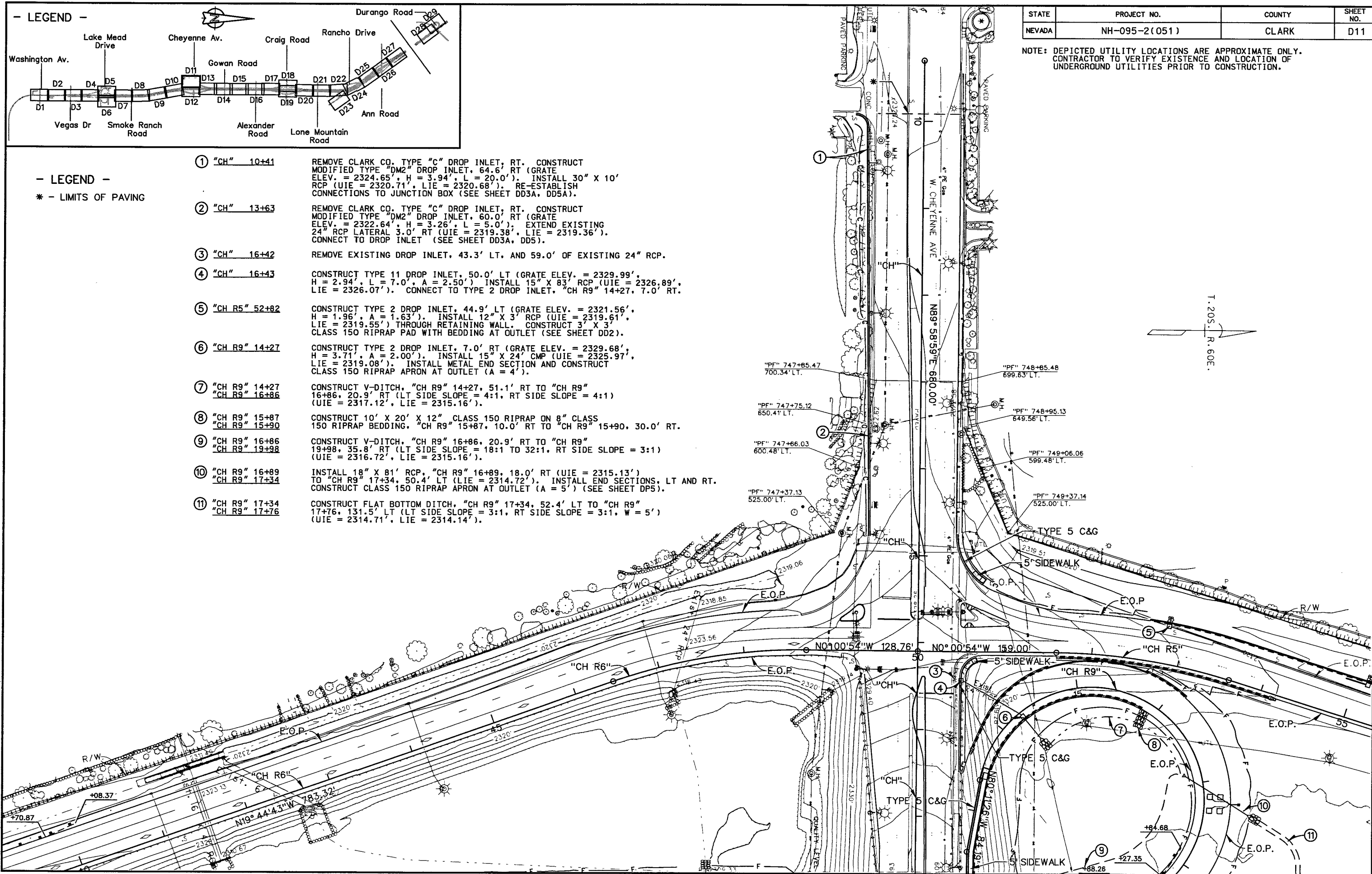
CONSTRUCT V-DITCH, "CH R9" 16+86, 20.9' RT TO "CH R9" 19+98, 35.8' RT (LT SIDE SLOPE = 18:1 TO 32:1, RT SIDE SLOPE = 3:1) (UIE = 2316.72', LIE = 2315.16').

⑩ "CH R9" 16+89

INSTALL 18" X 81' RCP, "CH R9" 16+89, 18.0' RT (UIE = 2315.13') TO "CH R9" 17+34, 50.4' LT (LIE = 2314.72'). INSTALL END SECTIONS, LT AND RT. CONSTRUCT CLASS 150 RIPRAP APRON AT OUTLET (A = 5') (SEE SHEET DP5).

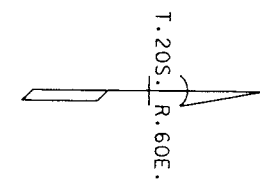
⑪ "CH R9" 17+34

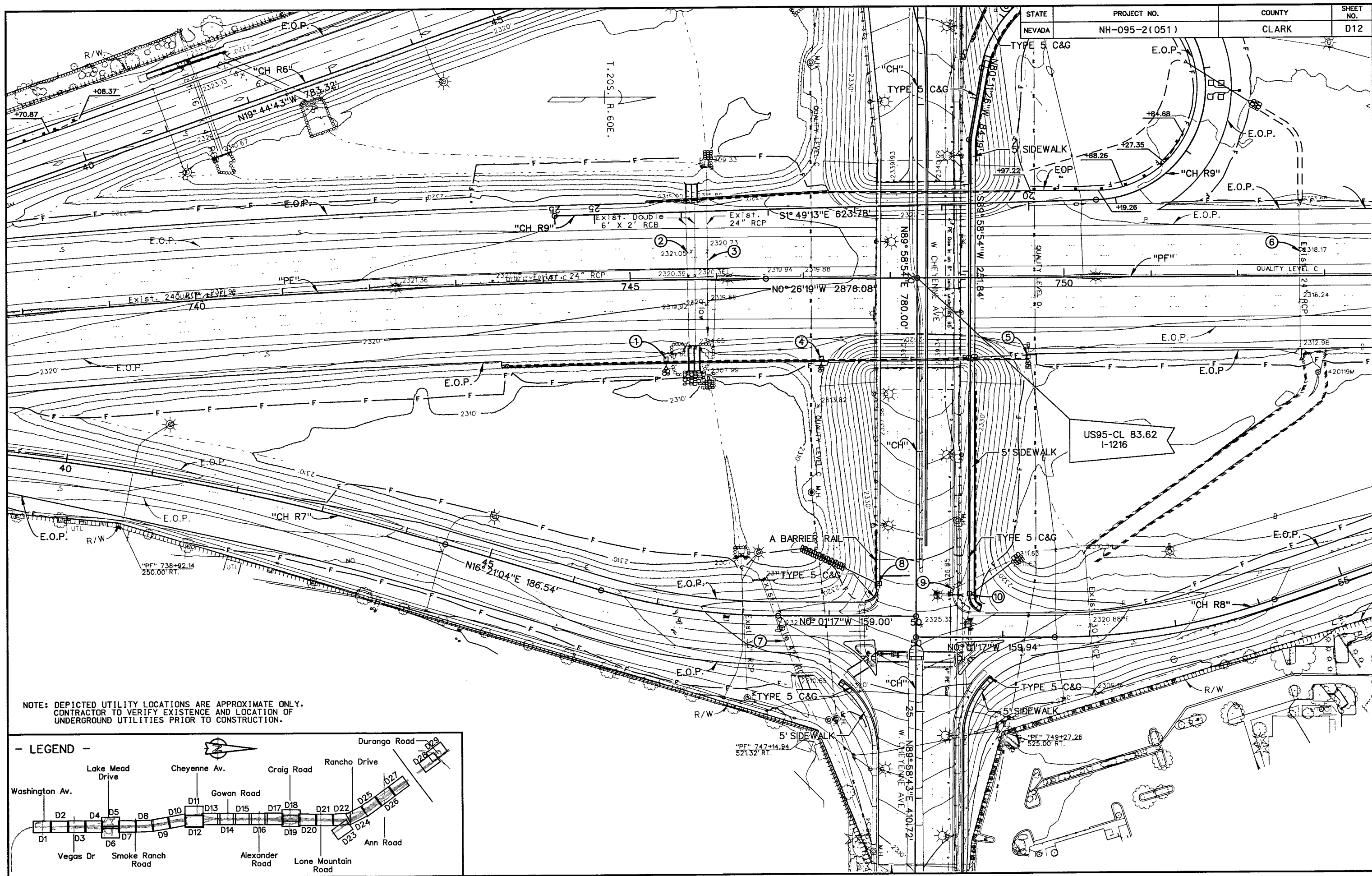
CONSTRUCT FLAT BOTTOM DITCH, "CH R9" 17+34, 52.4' LT TO "CH R9" 17+76, 131.5' LT (LT SIDE SLOPE = 3:1, RT SIDE SLOPE = 3:1, W = 5') (UIE = 2314.71', LIE = 2314.14').



STATE	PROJECT NO.	COUNTY	SHEET NO.
NEVADA	NH-095-2(051)	CLARK	D11

NOTE: DEPICTED UTILITY LOCATIONS ARE APPROXIMATE ONLY. CONTRACTOR TO VERIFY EXISTENCE AND LOCATION OF UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.

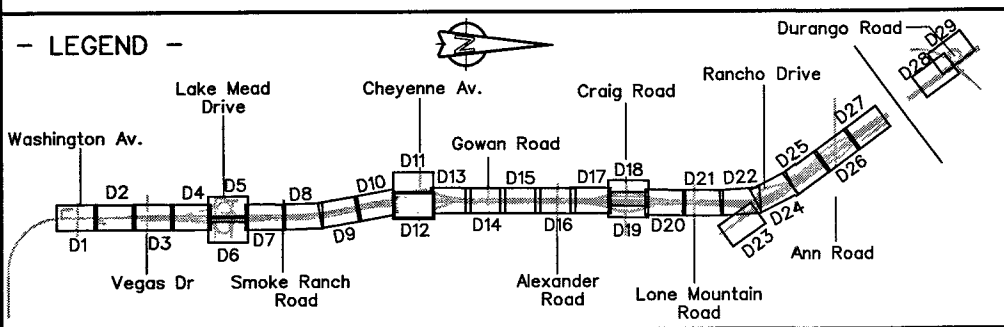




STATE	PROJECT NO.	COUNTY	SHEET NO.
NEVADA	NH-095-2(051)	CLARK	D12

NOTE: DEPICTED UTILITY LOCATIONS ARE APPROXIMATE ONLY.
CONTRACTOR TO VERIFY EXISTENCE AND LOCATION OF
UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.

- LEGEND -



STATE	PROJECT NO.	COUNTY	SHEET NO.
NEVADA	NH-095-2(051)	CLARK	D12A

- ① "PF" 745+40 CONSTRUCT TYPE 2 DROP INLET, 92.8' RT (GRATE ELEV. = 2318.57', H = 2.94', A = 1.63'). INSTALL 15" X 8' RCP (UIE = 2315.63', LIE = 2315.29'). INSTALL END SECTION AND CONSTRUCT CLASS 150 RIPRAP APRON AT OUTLET (A = 12').
- ② "PF" 745+73 EXISTING DOUBLE 6' X 2' X 167' RCB. REMOVE EXISTING HEADWALLS RT AND LT. EXTEND 28.0' RT AND 22.0' LT (6' X 2' X 217' RCB) (UIE = 2316.07', LIE = 2311.96'). CONSTRUCT TYPE I HEADWALLS (0 DEGREE SKEW) RT AND LT. CONSTRUCT CLASS 300 RIPRAP APRON AT OUTLET, RT (A = 16') (SEE SHEET DP6, DD16).
- ③ "PF" 745+91 EXISTING 18" X 240' RCP. REMOVE EXISTING HEADWALLS RT AND LT. EXTEND 3.0' RT AND 9.0' LT (18" X 252' RCP) (UIE = 2309.38', LIE = 2307.97'). CONSTRUCT HEADWALLS RT AND LT. CONSTRUCT CLASS 150 RIPRAP APRON AT INLET AND OUTLET. GRADE TO DRAIN. NO DIRECT PAYMENT (SEE SHEET DD5).
- ④ "PF" 747+20 CONSTRUCT TYPE 2 DROP INLET, 92.8' RT (GRATE ELEV. = 2317.73', H = 1.92', A = 1.63'). INSTALL 12" X 6' RCP (UIE = 2315.81', LIE = 2315.75'). INSTALL END SECTION AND CONSTRUCT CLASS 150 RIPRAP APRON AT OUTLET (A = 3').
- ⑤ "PF" 749+54 CONSTRUCT TYPE 2 DROP INLET, 92.5' RT (GRATE ELEV. = 2317.49', H = 1.92', A = 1.63'). INSTALL 12" X 3' RCP (UIE = 2315.57', LIE = 2315.24'). OUTLET TO "PF" 749+59, 93.7' RT. INSTALL END SECTION AND CONSTRUCT CLASS 150 RIPRAP APRON AT OUTLET (A = 6').
- ⑥ "PF" 752+73 EXISTING 24" X 167' RCP. REMOVE EXISTING END SECTIONS RT AND LT. EXTEND 11.0' RT AND 2.0' LT. (24" X 180' RCP) (UIE = 2313.99', LIE = 2312.49'). INSTALL SAFETY END SECTIONS RT AND LT. GRADE TO DRAIN. NO DIRECT PAYMENT (SEE SHEET DD5).

- ⑦ "CH R7" 48+69 EXISTING DOUBLE 42" X 120' RCP. REMOVE EXISTING HEADWALL RT. EXTEND 17.0' RT (UIE = 2311.25', LIE = 2310.56'). CONSTRUCT HEADWALL RT (15 DEGREE SKEW).
- ⑧ "CH" 23+52 CONSTRUCT TYPE 2 DROP INLET, 43.5' RT (GRATE ELEV. = 2327.57', H = 2.75', A = 2.00'). INSTALL 15" X 41' CMP (UIE = 2324.82', LIE = 2317.53'). INSTALL METAL END SECTION AND CONSTRUCT CLASS 150 RIPRAP APRON AT OUTLET (A = 60').
- ⑨ "CH" 23+59 REMOVE EXISTING DROP INLET, 43.4' LT. AND 78.0' OF EXISTING PIPE.
- ⑩ "CH" 23+62 CONSTRUCT TYPE 11 DROP INLET, 60.5' LT (GRATE ELEV. = 2326.70', H = 2.94', L = 12.0', A = 2.50'). INSTALL 15" X 62' CMP (UIE = 2323.76', LIE = 2311.63'). INSTALL METAL END SECTION AND CONSTRUCT CLASS 150 RIPRAP APRON AT OUTLET (A = 4').