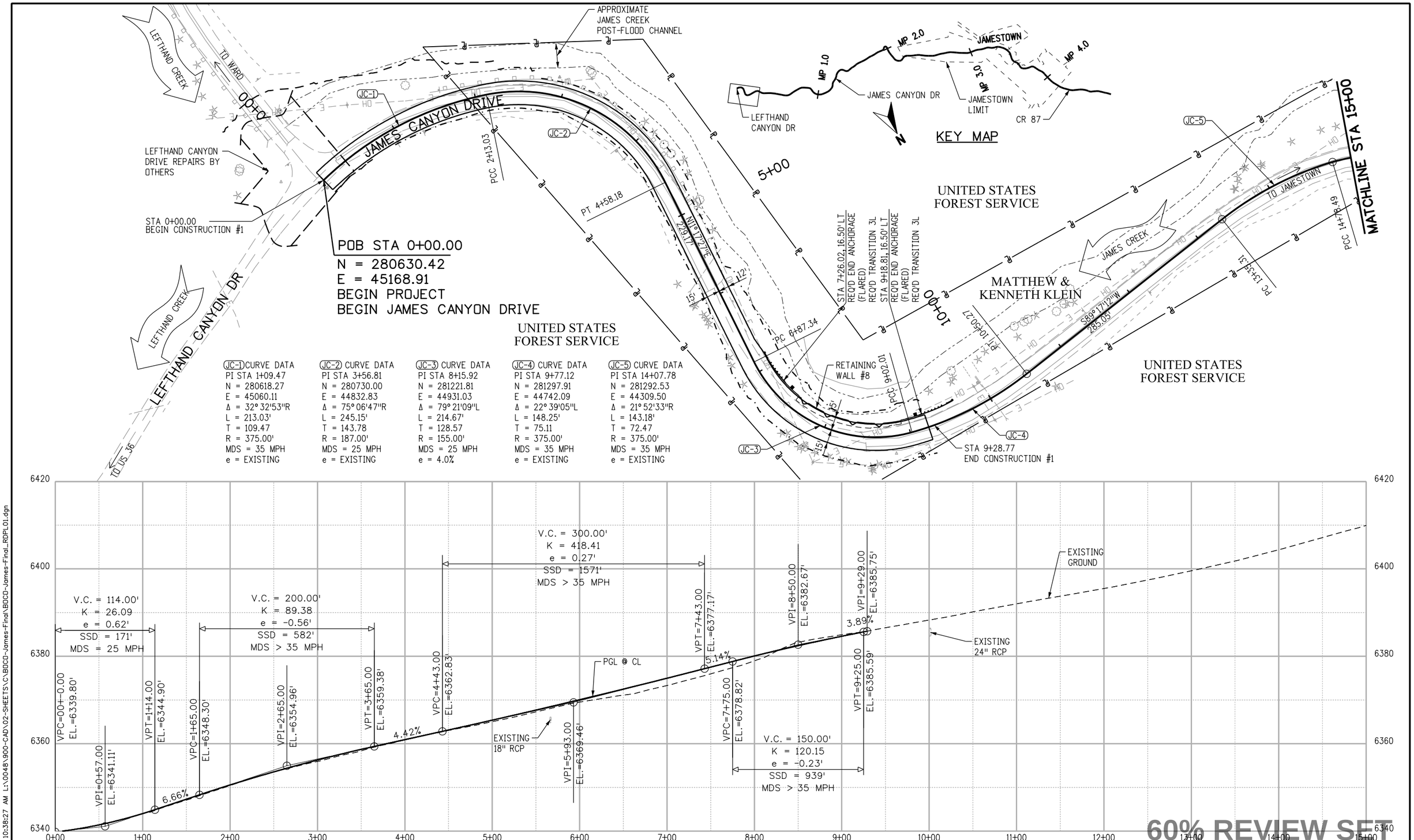

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CALL UTILITY NOTIFICATION CENTER OF COLORADO

811

CALL 2-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES

REVISIONS:	NO.	DATE	REVISION DESCRIPTION:

Boulder County

BOULDER COUNTY TRANSPORTATION DEPARTMENT
ENGINEERING DIVISION

AECOM

DESIGNED:	CAD:	CHECKED:	DATE:
JTS	JTS	MES	01/22/2016

JAMES CANYON
PLAN AND PROFILE

PROJECT NO: SEPT12C24 SEPT12C91

SHEET NO: 7

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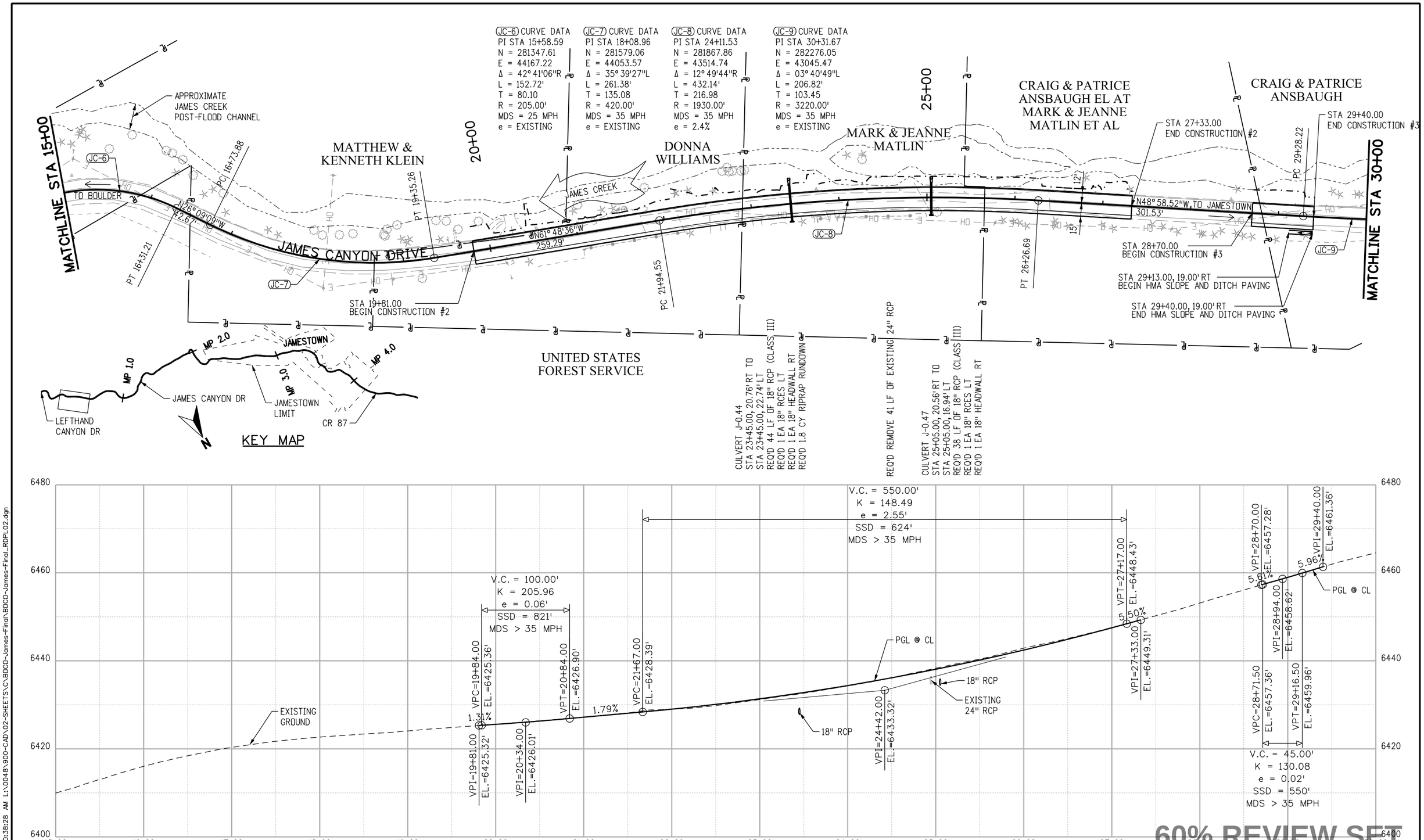
JC-6 CURVE DATA
PI STA 15+58.59
N = 281347.61
E = 44167.22
Δ = 42° 41'06"R
L = 152.72'
T = 80.10
R = 205.00'
MDS = 25 MPH
e = EXISTING
JC-7 CURVE DATA
PI STA 18+08.96
N = 281579.06
E = 44053.57
Δ = 35° 39'27"L
L = 261.38'
T = 135.08
R = 420.00'
MDS = 35 MPH
e = EXISTING
JC-8 CURVE DATA
PI STA 24+11.53
N = 281867.86
E = 43514.74
Δ = 12° 49'44"R
L = 432.14'
T = 216.98
R = 1930.00'
MDS = 35 MPH
e = 2.4%
JC-9 CURVE DATA
PI STA 30+31.67
N = 282276.05
E = 43045.47
Δ = 03° 40'49"L
L = 206.82'
T = 103.45
R = 3220.00'
MDS = 35 MPH
e = EXISTING
APPROXIMATE JAMES CREEK POST-FLOOD CHANNEL
MATCHLINE STA 15+00
TO BOULDER
N26°09'09"W 42.67'
PT 16+31.21
PC 16+73.88
MATTHEW & KENNETH KLEIN
20+00
PT 19+35.26
JAMES CREEK
DONNA WILLIAMS
MARK & JEANNE MATLIN
25+00
CRAIG & PATRICE ANSBAUGH EL AT MARK & JEANNE MATLIN ET AL
CRAIG & PATRICE ANSBAUGH
STA 27+33.00 END CONSTRUCTION #2
STA 29+40.00 END CONSTRUCTION #3
PC 29+28.22
MATCHLINE STA 30+00
N61° 48'36"W 259.29'
N48° 58.52"W, TO JAMESTOWN 301.53'
12'
15'
JAMES CANYON DRIVE
JC-6
JC-7
JC-8
JC-9
PC 21+94.55
PT 26+26.69
STA 28+70.00 BEGIN CONSTRUCTION #3
STA 29+13.00, 19.00' RT BEGIN HMA SLOPE AND DITCH PAVING
STA 29+40.00, 19.00' RT END HMA SLOPE AND DITCH PAVING
STA 19+81.00 BEGIN CONSTRUCTION #2
UNITED STATES FOREST SERVICE
CULVERT J-0.44
STA 23+45.00, 20.76' RT TO
STA 23+45.00, 22.74' LT
REQ'D 44 LF OF 18" RCP (CLASS III)
REQ'D 1 EA 18" RCES LT
REQ'D 1 EA 18" HEADWALL RT
REQ'D 1.8 CY RIPRAP RUNDOWN
REQ'D REMOVE 41 LF OF EXISTING 24" RCP
CULVERT J-0.47
STA 25+05.00, 20.56' RT TO
STA 25+05.00, 16.94' LT
REQ'D 38 LF OF 18" RCP (CLASS III)
REQ'D 1 EA 18" RCES LT
REQ'D 1 EA 18" HEADWALL RT
MP 1.0
MP 2.0
MP 3.0
MP 4.0
JAMESTOWN
JAMES CANYON DR
LEFTHAND CANYON DR
JAMESTOWN LIMIT
CR 87
N
KEY MAP
6480
6460
6440
6420
6400
15+00
16+00
17+00
18+00
19+00
20+00
21+00
22+00
23+00
24+00
25+00
26+00
27+00
28+00
29+00
30+00
V.C. = 550.00'
K = 148.49
e = 2.55'
SSD = 624'
MDS > 35 MPH
V.C. = 100.00'
K = 205.96
e = 0.06'
SSD = 821'
MDS > 35 MPH
V.C. = 45.00'
K = 130.08
e = 0.02'
SSD = 550'
MDS > 35 MPH
EXISTING GROUND
PGL @ CL
18" RCP
EXISTING 24" RCP
VPI=19+81.00 EL.=6425.32'
VPC=19+84.00 EL.=6425.36'
1.31%
VPI=20+34.00 EL.=6426.01'
VPT=20+84.00 EL.=6426.90'
1.79%
VPC=21+67.00 EL.=6428.39'
VPI=24+42.00 EL.=6433.32'
VPI=27+33.00 EL.=6449.31'
VPT=27+17.00 EL.=6448.43'
5.50%
VPC=28+71.50 EL.=6457.36'
VPI=28+70.00 EL.=6457.28'
5.61%
VPI=28+94.00 EL.=6458.62'
VPT=29+16.50 EL.=6459.96'
5.96%
VPI=29+40.00 EL.=6461.36'
0' 50' 100' 200'
60% REVIEW SET
60%
CALL UTILITY NOTIFICATION CENTER OF COLORADO
811
CALL 2-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES
REVISIONS:
NO. DATE REVISION DESCRIPTION:
Boulder County
BOULDER COUNTY TRANSPORTATION DEPARTMENT
ENGINEERING DIVISION
AECOM
DESIGNED: JTS
CAD: JTS
CHECKED: MES
DATE: 01/22/2016
JAMES CANYON
PLAN AND PROFILE
PROJECT NO: SEPT12C24 SEPT12C91
SHEET NO: 8
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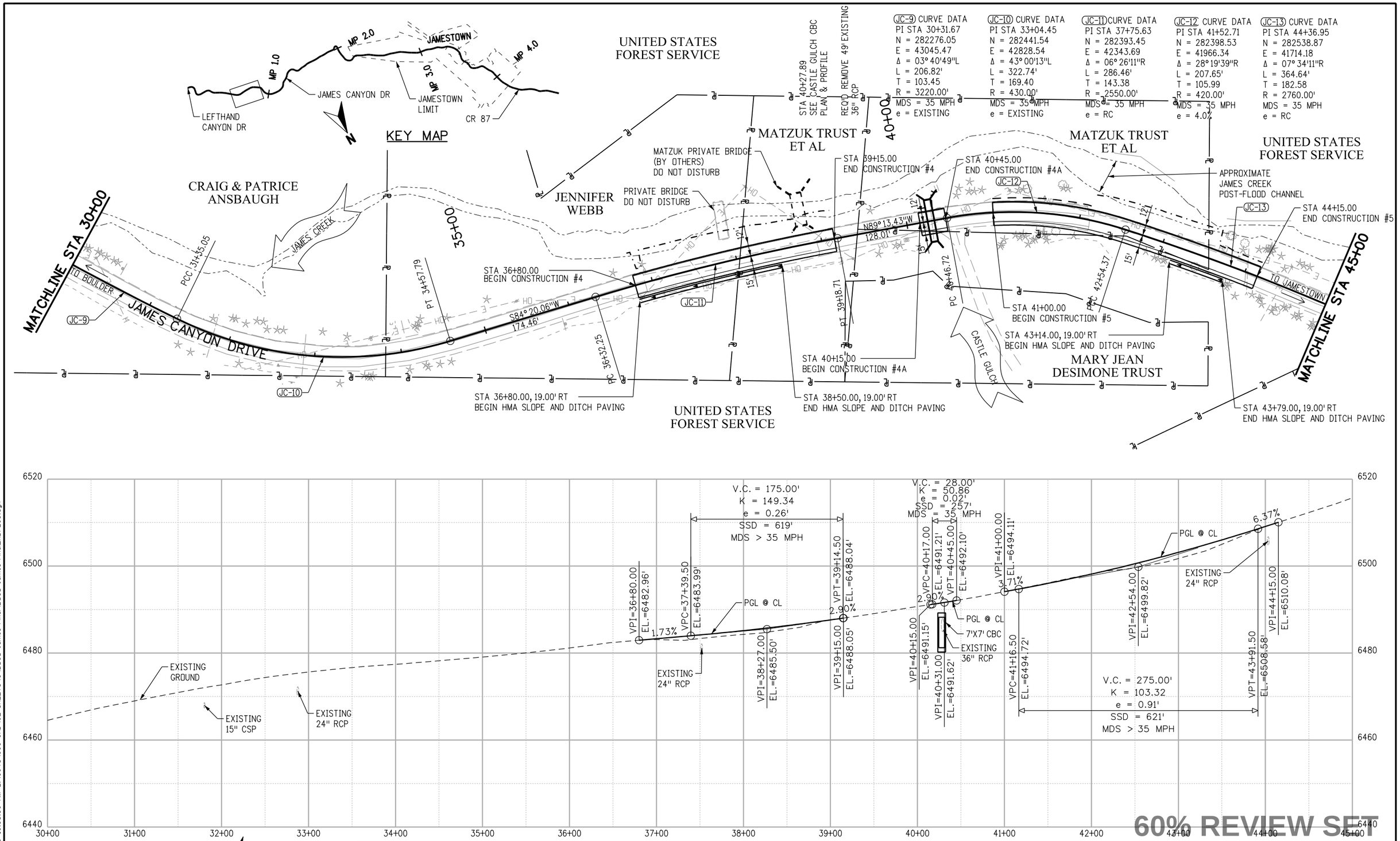

60% REVIEW SET

60%

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REVISIONS:	NO.	DATE	REVISION DESCRIPTION:

BOULDER COUNTY TRANSPORTATION DEPARTMENT
ENGINEERING DIVISION

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DESIGNED:	CAD:	CHECKED:	DATE:
JTS	JTS	MES	01/22/2016

JAMES CANYON
PLAN AND PROFILE

PROJECT NO: SEPT12C24 SEPT12C91

SHEET NO: 9

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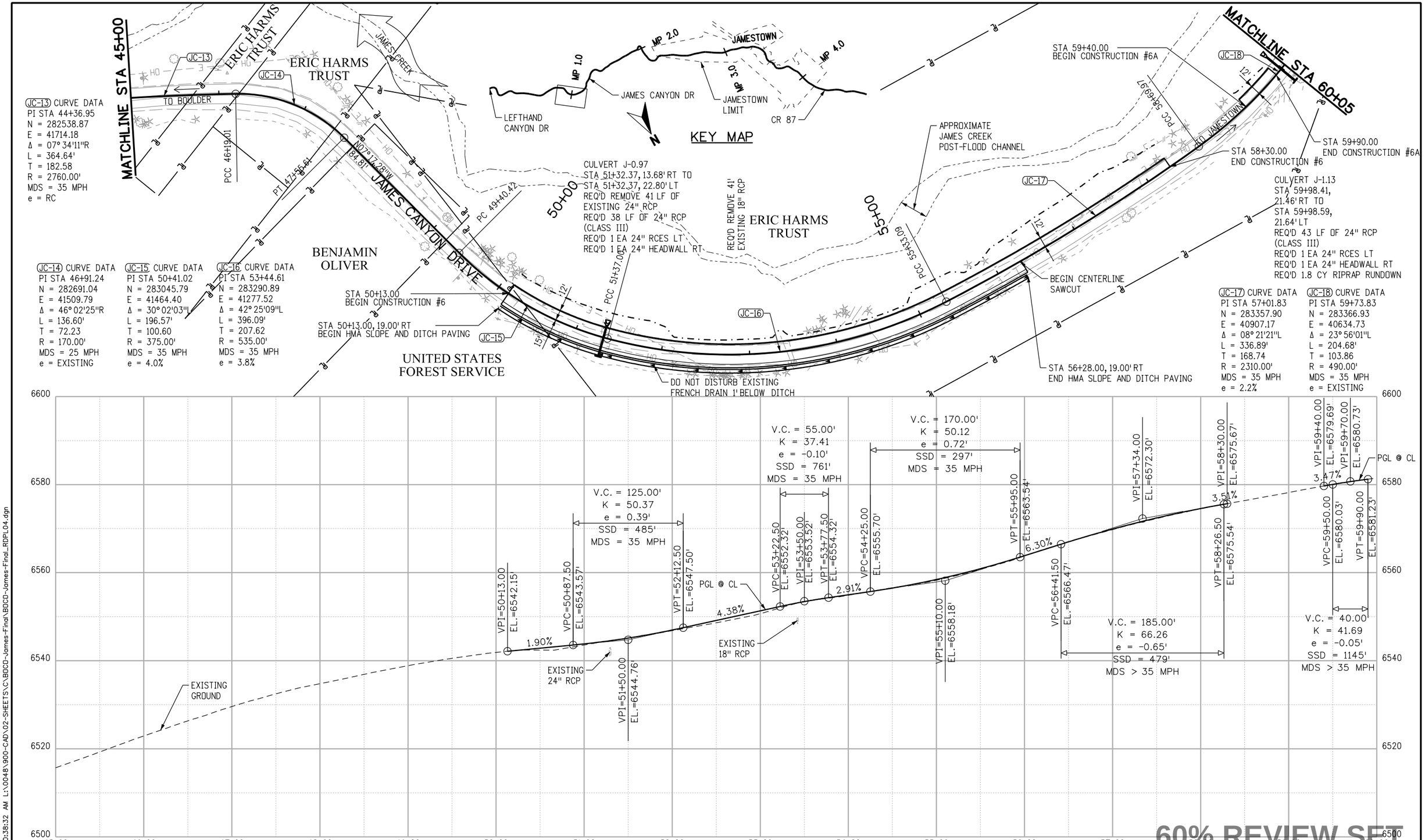

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JAMES CANYON
PLAN AND PROFILE

PROJECT NO: SEPT12C24 SEPT12C91

SHEET NO: 10

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