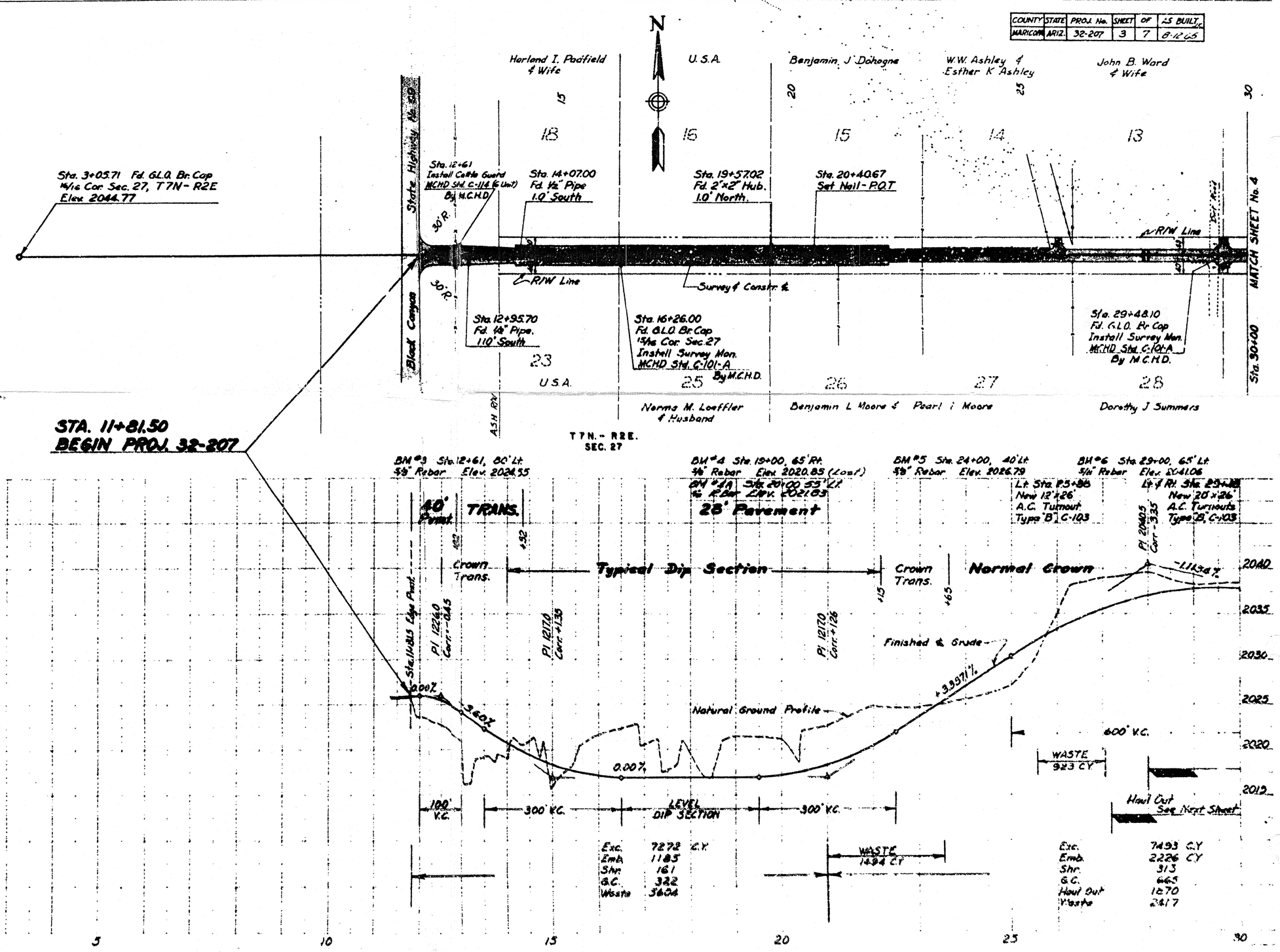
3 of 7

NEW RIVER ROAD
MARICOPA COUNTY

COUNTY	STATE	PROJ. No.	SHEET	OF	AS BUILT
MARICOPA	ARIZ.	32-207	3	7	8-12-65



Pt Sta 67+35.09

NEW RIVER ROAD
MARICOPA COUNTY

29+48.10

COUNTY	STATE	PROJ. No.	SHEET	OF	AS BUILT
MARICOPA	ARIZ.	32-207	4	7	

Sta. 30+00 MATCH SHEET No. 3

Lot 33 | Lot 34 | Lot 35 | Lot 36 | Lot 37 | Lot 38 | Lot 39 | Lot 40 | Lot 41 | Lot 42 | Lot 43

908.68 to section line (0.73 ft)

907.95 Rec
908.16 meas. (0.21)

Sta. 38+56.05 P.C.
Set 5/8" Rebar. Install
Survey Mon. MCHD Std. C-101-A
By M.C.H.D.

Δ = 51°50'00" Lt.
T = 696.04'
L = 1295.83'
D = 4°
R = 1432.39'
Ext = 160.16'
Super = 0.040'/Ft.

Ch = 1252.091'
1251.47 meas. (-0.62')

Δ = 51-48-09.66 (-00-01-50.39)
R = 1432.39 ∅
L = 1295.063 (-0.767)

T7N - R2E
SEC. 26

COYOTE PASS ROAD

Fd ½" I.P.

Sta. 46+30
New 24"x80' RCP
By M.C.H.D.

N. ½ - Lot 42

288.8884 (+1.57)

Sta. 54+39.15 P.C. - 5/8" Rebar
Install Survey Mon.
MCHD Std. C-101-A
By M.C.H.D.

330.00'

247.27' Rec
288.04' meas. (+0.77)

Sta 56+73
New 24"x114' RCP
Skew 45° Rt.
By M.C.H.D

Sta 60+35
New 24"x80' RCP
By M.C.H.D

Inlet
Channel
3'x3'x30'±

Sta 62+00 P.O.C. MATCH SHEET No 5

R/W

Constr ℄ Survey ℄

Old Road

Sta. 37+00
New 42"x90' RCP
By M.C.H.D.

Sta. 42+67.10 P.O.S.T.
Fd GLO Br Cap

Tel & Power

285.00'

S ½ - Lot 42

Sta. 51+51.88 P.T. - 5/8" Rebar
Install Survey Mon.
MCHD Std. C-101-A
By M.C.H.D.

Ch = 1252.191
1252.32 meas. (+0.13)

Δ = 51°50'15" Rt
T = 696.11'
L = 1295.94'
D = 4°
R = 1432.39'
Ext = 160.18'

C = 1235.61
25 55 07
1252.20 L.C.

Δ = 51-48-12.39 (-00-31-08.9)
R = 1432.39 ∅
L = 1295.082 (-0.858)

2R sin Δ/2

Fd ¾" Pipe

Sta. 50+03
New 54"x80' RCP
Skew 30° Rt.
By M.C.H.D.

BM #7 Sta. 34+00, 65' Lt.
5/8" Rebar Elev. 2035.02
Rt. Sta. 38+23
New 12"x19'
A.C. Turnout
Type 'B', C-103

BM #8 Sta. 39+00, 65' Lt.
5/8" Rebar Elev. 2032.36
Lt. Sta. 38+75
New 12"x26'
A.C. Turnout
Type 'B', C-103
Lt. Sta. 41+69
New 12"x26'
A.C. Turnout
Type 'B', C-103

BM #9 Sta. 42+67.10, P.O.S.T.
GLO Br. Cap Elev. 2030.39
Lt. Sta. 42+61
New 20'x26'
Skew 16° Rt.
Type 'B', C-103
Lt. Sta. 44+00
New 12'x26'
A.C. Turnout
Type 'B', C-103

BM #10 Sta. 47+10, 65' Rt.
5/8" Rebar Elev. 2032.71
Rt. Sta. 44+29
20'x26'x7'x90°
A.C. Turnout
Type 'S', C-103

BM #11 Sta. 52+00, 65' Rt.
5/8" Rebar Elev. 2047.98
Rt. Sta. 53+00 & Lt. Sta. 53+50
New 12'x26'
A.C. Turnouts
Type 'B', C-103

BM #12 Sta. 57+00, 65' Lt.
5/8" Rebar Elev. 2053.13
Lt. Sta. 59+88
12'x26'x10'x90°
A.C. Turnout
Type 'S', C-103

Normal Crown | Transition To Left | Full Super Left

Transition To Level | Transition To Right Super | Full Super Right

PI 20340
Curve 172

PI 20342
Curve 123

PI 20338
Curve 110

PI 20336
Curve 156

PI 20342
Curve 125

-0.2760%

+2.000%

-1.1134%

+0.2400

-Finished ℄ Grade

-Natural Ground Profile

24" RCP
℄ FL Elev
2046.3

24" RCP
℄ FL Elev
2044.3

24" RCP
℄ FL Elev
2031.1

54" RCP
℄ FL Elev
2033.0

42" RCP
℄ FL Elev
2024.0

600' V.C.

200' V.C.

390' V.C.

300' V.C.

1000' V.C.

Haul Out to Sta. 50+25
1226 CY x 0.14 Mi. = 168 CYMOH

Haul Out to Sta. 56+30
644 CY x 0.27 Mi. = 174 CYMOH

Haul in from Sta. 28+00

Haul in from Sta. 39+20

Exc	4325 CY
Emb	4987 CY
Str	637 CY
S.C.	744 CY
Haul in	1870 CY

BP

25.91861111

NEW RIVER ROAD
MARICOPA COUNTY

COUNTY	STATE	PROJ No.	SHEET	OF	AS BU
MARICOPA	ARIZ.	32-207	5	7	P12

T7N. – R2E.
SEC. 26

N

65 70 75 80 85

Sta 63+50 to Sta 65+50
Widen pavement 10' each side. Use Roadway Subbase.

Sta. 67+35.09 PT
Set 5/8" Rebar. Install Survey Mon. MCHD Std. C-101-A By M.C.H.D.

1937.662 (+.982)
1936.18 R

152.140' calc.

W¼ Sec. 25
Sta 86+71.77 POT
Found GLO Brass Cap.
E ¼ Cor Sec. 26
Install Survey Mon.
MCHD Std. C-101-A, By MCHD

Match To Sheet No. 6

Survey & Constr. ℄

Power & Tel.

℄ R/W Line

Sta 62+00 POC Match Sheet #4

Install 53 Cu Yds. Grouted Rip-Rap AHD Std C-23 A By M.C.H.D

Sta 64+57, 64+67
2 New 72"x86' RCP
Skew 24° Rt.
By M.C.H.D

Sta 79+50
New 24"x80' RCP
Skew 30° Left
By M.C.H.D

Sta 86+38
New 24"x30' RCP
By MCHD

Grade Turnouts To 100' N.F.S.

Sta 88+23.91 PC

Sta 88+23.91 P.C.
Set ⅝" Rebar Install Survey Mon. MCHD Std. C-101-A By M.C.H.D

BM #13 Sta 62+00, 65' Lt
⅝" Rebar Elev. 2055.14

BM #14 Sta 67+00, 65' Rt
⅝" Rebar Elev. 2049.70
Lt & Rt Sta 66+70
New 20'x26'
A.C. Turnouts
Type 'B' C-103

Lt Sta 70+50
New 20'x26'
A.C. Turnout
Type 'B' C-103

BM #15 Sta 72+00, 65' Lt
⅝" Rebar Elev. 2050.65

BM #16 Sta 76+00, 40' Rt
⅝ Rebar Elev. 2055.22

BM #17 Sta 81+00, 65' Lt
⅝" Rebar Elev. 2061.54
Lt Sta 81+30
New 20'x26'
A.C. Turnout
Type 'B' C-103

BM #18 Sta 86+00, 65' Lt
⅝" Rebar Elev. 2067.52
Rt Sta 86+80
New 20'x26'
A.C. Turnout
Type 'B' C-103

Super Right → **Transition To One Way Crown** | **Dip Section** – 0.015' /Ft. – Rt. → **Trans.** | **28' Pavement** | **Typical Crown Section** → **Trans.**

+55 +50 +75

2065
2060
2055
2050
2045
2040

PI 204825 Corr +015
PI 204825 Corr +021
PI 205335 Corr -203
PI 204250 Corr +3.87
PI 203779 Corr -069
PI 206322 Corr -014

-12590'
Level
+1.670'
-3.671'
+4.077'
+1.30.37'

180' to Ft Crown Sta ℄ By MCHD
530' to Ft Crown Rt. By M.C.H.D.

Natural Ground Profile
Finished ℄ Grade

24" RCP ℄ FL Elev 2063.5

108' V.C.
100' V.C.
2-72" RCP ℄ FL Elev 2041.0
300' V.C.
400' V.C.
200' V.C.
200' V.C.

Haul Out to Sta 88+30
6.2 CY x 024 M. = 147 CYMW

Haul Out to Sta 88+82
1235 CY x 083 MI. = 23 CYMW

Haul in from Sta 87+20

Exc.	3819 CY
Emb	1278 CY
Str.	284 CY
G.C.	410 CY
Haul Out	1847 CY

Exc.	3555 CY
Emb	4297 CY
Str.	307 CY
G.C.	398 CY
Haul in	1841 CY

62 65 70 75 80 85 90 95

20 20 20 20 20 20

N 89 48 54 W 1319.58
1082 – 7052
S 89 48 38 E 908.68
S 89 48 51 E 1937.16
(7060 – 7020)

NEW RIVER ROAD
MARICOPA COUNTY

T7N. – R2E.
SEC. 25

COUNTY	STATE	PROJ. No.	SHEET	OF	AS BUILT
MARICOPA	ARIZ	32-207	6	7	8-12-65

N

Δ = 14°15' Lt.
T = 286.48'
L = 570.00'
D = 2°30'
R = 2291.83'
Super = 0.025'/ft

LC = 568.532 calc
568.67 (m.)

MATCH SHEET No. 5

Sta. 88+23.91 P.C.

Sta. 93+93.31 P.T.
Set ⅝" Rebar
Install Survey Mon.
MCHD Std. C-101-A
By M.C.H.D

566.90' calc

Constr. & Survey ℄

R/W Line

W A S H

R/W Line

Sta 91+10
New 24" x 80' RCP
By M.C.H.D.

Sta. 99+60.81 P.C.
Set ⅝" Rebar
Install Survey Mon.
MCHD Std. C-101-A
By M.C.H.D.

250 Lin. Ft. Special Ditch, 4' x 3' x 250' Variable Depth

Sta 107+00
New 24" x 66' RCP
By M.C.H.D.

Sta 112+40
New 2-48" x 80' RCP
By M.C.H.D

Sta. 120+70.81 P.T.
Set ⅝" Rebar
Install Survey Mon.
MCHD Std. C-101-A
By M.C.H.D

MATCH SHEET No. 7

S 51-17-45 E

Δ = 52°43' Rt.
T = 1136.43'
L = 2110.00'
D = 2°30'
R = 2291.83'
Super = 0.03'/ft

52-45.00
LC = 2036.265 calc
2037.36 m.

BM #19 Sta. 91+00, 65' Lt.
⅝" Rebar Elev. 2068.12

BM #20 Sta. 96+10, 65' Lt.
⅝" Rebar Elev. 2075.04

BM #21 Sta. 101+00, 65' Rt.
⅝" Rebar Elev. 2079.06
Lt Sta 102+10
New 16' x 26'
A.C. Turnout
Type 'B' C-103

BM #22 Sta. 106+00, 85' Lt.
⅝" Rebar Elev. 2086.62
Lt Sta. 106+00
New 16' x 26'
A.C. Turnout
Type 'B' C-103

BM #23 Sta. 111+00, 65' Lt.
⅝" Rebar Elev. 2090.17

BM #24 Sta. 116+00, 85' Rt.
⅝" Rebar Elev. 2091.69

Full Super Left | Transition To Dip Section | Dip Section | Trans. To Super Rt. | Full Super Right

88+75 | +40 | +35 | +30 Level Sec. | +20

250 Lin. Ft. Grass Ditch, Rt. By M.C.H.D.

250 Lin. Ft. Grass Ditch, Rt. By M.C.H.D.

250 Lin. Ft. Grass Ditch, Lt. By M.C.H.D.

Pl 207+50.00
Corr +0.36

Pl 207+00.00
Corr -1.55

Pl 206+700
Corr +2.80

Pl 208+40.00
Corr -1.40

Pl 209+00.13
Corr +0.13

Pl 209+40.00
Corr -0.26

Finished ℄ Grade

Natural Ground Profile

24" RCP
Inv. 2082.0

2-48" RCP
Inv. El. 2084.0

+1.9037%
+0.4320%
+0.8578%
+1.025%
-3.33%
-3.00%
+4.4666%
+0.8000%
+1.9333%
+0.2857%

2085
2080
2075
2070
2065
2100
2095
2090
2085
2080
2075

500' V.C.
200' V.C.
300' V.C.
300' V.C.
300' V.C.
200' V.C.
200' V.C.

Haul in From Sta 81+20

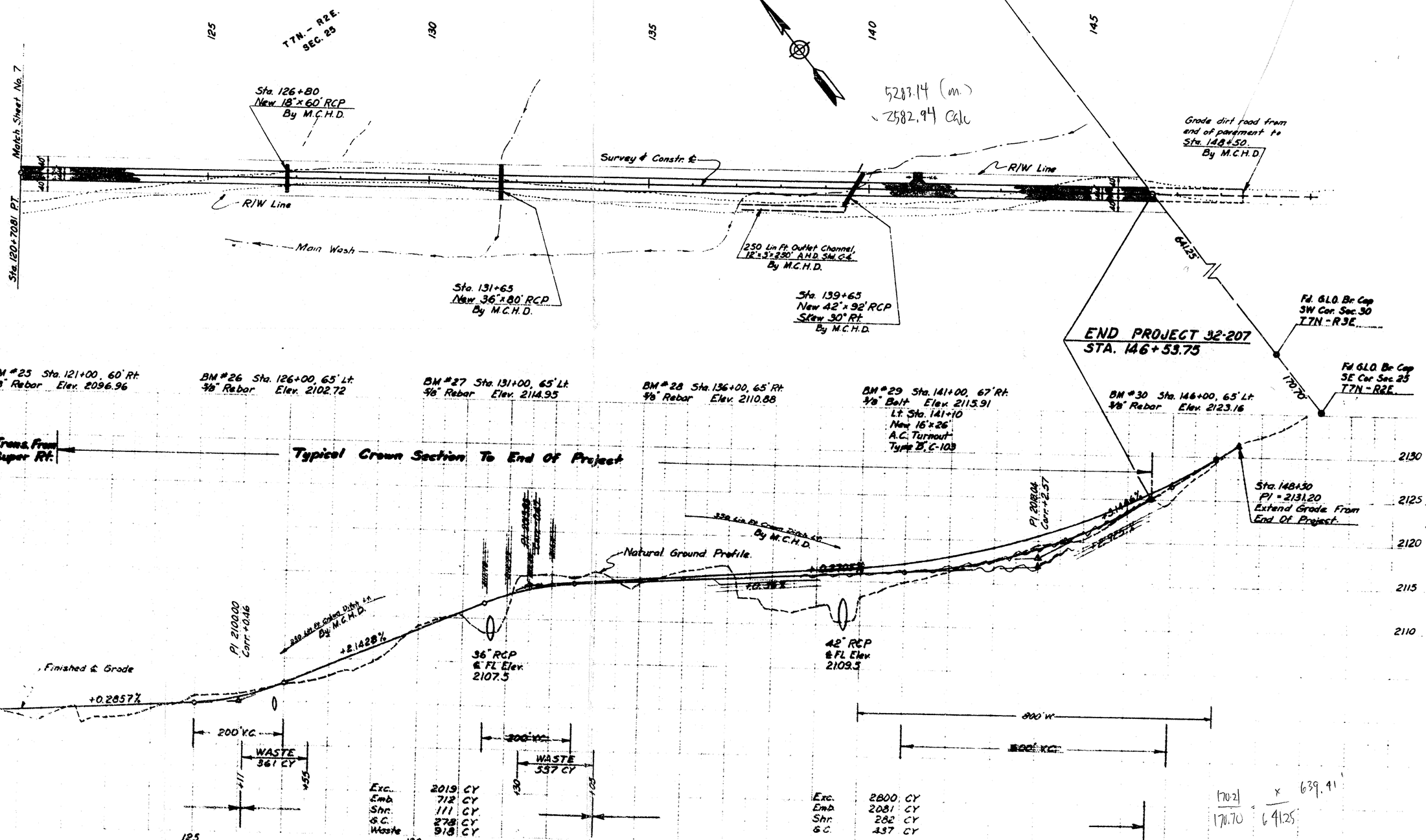
B P

Exc.	4824 CY
Emb.	3902 CY
Shr	382 CY
S.C.	340 CY

Exc.	2366 CY
Emb.	1716 CY
Shr	222 CY
S.C.	428 CY

Exc.	2009 CY
Emb.	1315 CY
Shr	201 CY
S.C.	392 CY

90 | 95 | 100 | 105 | 110 | 115 | 120

NEW RIVER ROAD
MARICOPA COUNTY

COUNTY	STATE	PROJ. No.	SHEET	OF	AS BUILT
MARICOPA	ARIZ.	32-207	7	7	8-12-65