# HILLWIG - GOODROW, LLC

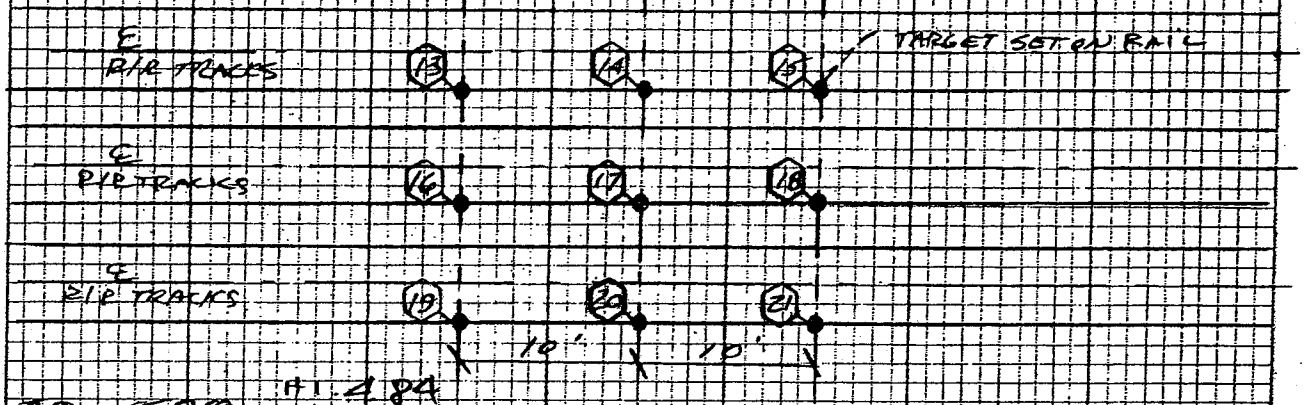
Land Surveying • GPS Surveys • Aerial Mapping

Client: ELCO Project: I215 BORE W.O. No.: 042-12 Page 1 of 1

Prepared By: RJG Date: 1-11-05

Description: RAILROAD TRACKS MONITORING

I 215




AC 5500 HI 4.84

EL = 1107.42 HO 0.00

CK #1 1107.57

CK #503 1109.875

| | ORIG. ELEV | ELEV. CK. | CHANGE |
|---|---|---|---|
| 13 | 1106.61 | TRAIN ON | TRACKS |
| 14 | 1105.89 | " | " |
| 15 | 1105.81 | 1105.80 | -0.01 |
| 16 | 1105.87 | 1105.86 | -0.01 |
| 17 | 1105.73 | — | — |
| 18 | 1105.64 | — | — |
| 19 | 1106.115 | 1106.105 | -0.01 |
| 20 | 1105.95 | — | — |
| 21 | 1105.95 | 1105.94 | -0.01 |

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# HILLWIG - GOODROW, LLC

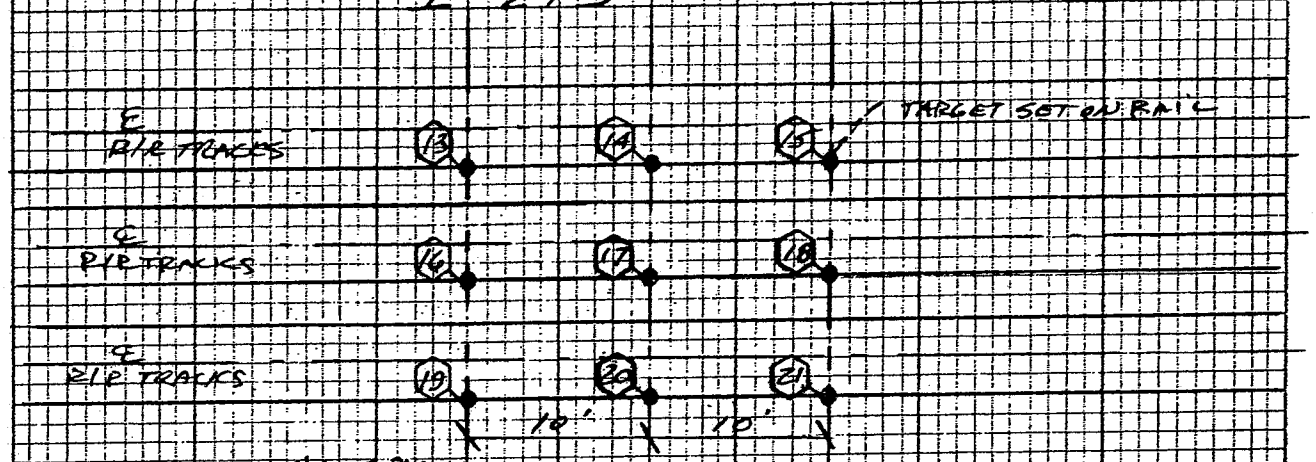
Land Surveying • GPS Surveys • Aerial Mapping

Client: ELCO Project: I215 BORE W.O. No: 042-12 Page 1 of 1

Prepared By: RJG, JS Date: 1-13-05 AM

Description: RAILROAD TRACKS MONITORING

I 215




HI 4.80

HO 0.00

TB @ 502
62 = 1107.42
CK #1 1107.57
CK #503 1109.87 ✓

| | ORIG ELEV | ELEV CK | CHANGE |
|---|---|---|---|
| 13 | 1106.01 | 1106.00 | -0.01 |
| 14 | 1105.89 | 1105.885 | -0.005 |
| 15 | 1105.81 | 1105.80 | -0.01 |
| 16 | 1105.87 | 1105.865 | -0.005 |
| 17 | 1105.73 | — | — |
| 18 | 1105.64 | | — |
| 19 | 1106.115 | 1106.105 | -0.01 |
| 20 | 1105.95 | 1105.945 | -0.005 |
| 21 | 1105.95 | — | — |

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# HILLWIG - GOODROW, LLC

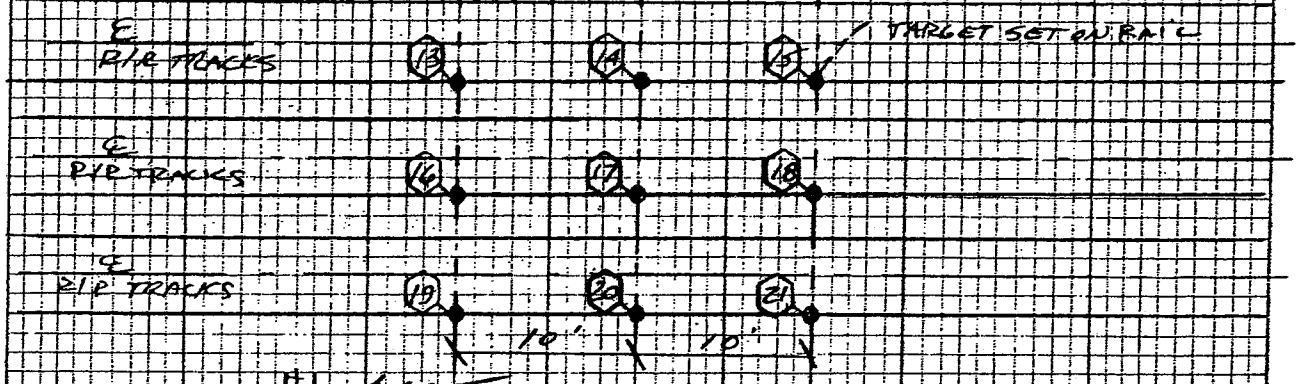
Land Surveying • GPS Surveys • Aerial Mapping

Client: ELCO Project: I215 BORE W.O. No.: 042-12 Page 1 of 1

Prepared By: RJG, JS Date: 1-14-05

Description: RAILROAD TRACKS MONITORING

I 215




AC 501 HI 4.625

EL=1107.42 HO 0.00

CK #1 1107.57 ✓

CK #503 1109.875 ✓

| | ORIG ELEV | ELEV CK | CHANGE |
|---|---|---|---|
| 13 | 1106.01 | 1106.00 | -0.01 |
| 14 | 1105.89 | 1105.885 | -0.005 |
| 15 | 1105.81 | 1105.805 | -0.005 |
| 16 | 1105.87 | 1105.86 | -0.01 |
| 17 | 1105.73 | — | — |
| 18 | 1105.64 | — | — |
| 19 | 1106.115 | 1106.105 | -0.01 |
| 20 | 1105.95 | 1105.945 | -0.005 |
| 21 | 1105.95 | — | — |

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# HILLWIG - GOODROW, LLC

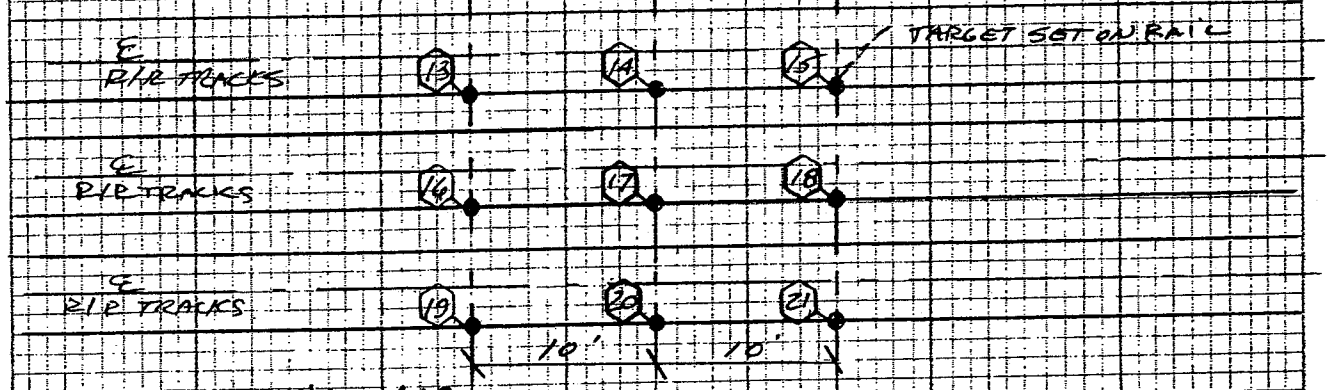
Land Surveying • GPS Surveys • Aerial Mapping

Client: ELCO Project: I215 BORE W.O. No.: 042-12 Page 1 of 1

Prepared By: RJG Date: 1-17-05

Description: RAILROAD TRACKS MONITORING

I 215




HI. 462

AC 500
EL=1107.42
HO. 0.00
CK#1 1107.57 ✓
CK#503 1109.875 ✓

| | ORIG ELEV | ELEV. CK. | CHANGE |
|---|---|---|---|
| 13 | 1106.01 | 1105.995 | -0.015 |
| 14 | 1105.89 | 1105.88 | -0.01 |
| 15 | 1105.81 | 1105.80 | -0.01 |
| 16 | 1105.87 | TARGET GONE | — |
| 17 | 1105.73 | — | — |
| 18 | 1105.64 | — | — |
| 19 | 1106.115 | 1106.105 | -0.01 |
| 20 | 1105.95 | 1105.94 | -0.01 |
| 21 | 1105.95 | — | — |

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# HILLWIG - GOODROW, LLC

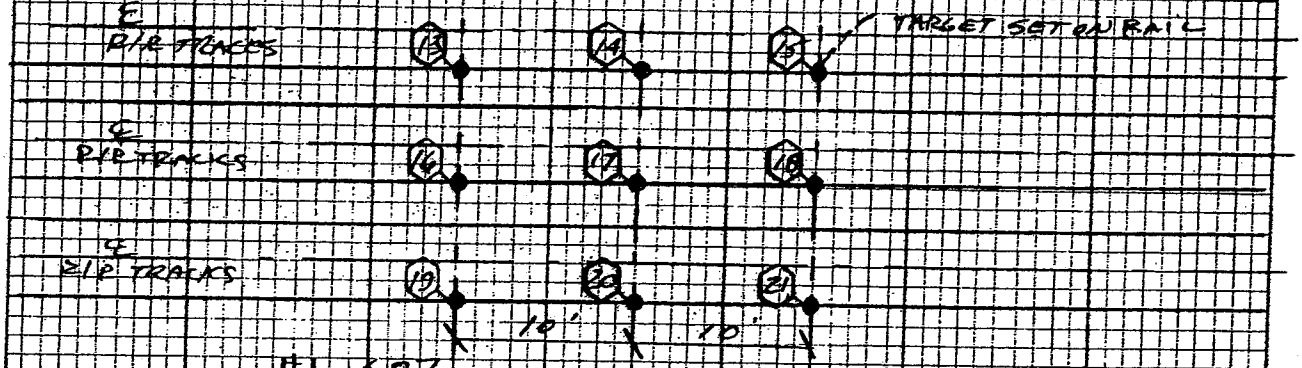
Land Surveying • GPS Surveys • Aerial Mapping

Client: ELCO Project: I215 BORE W.O. No.: 042-12 Page 1 of 1

Prepared By: RJG, JS Date: 1-18-05

Description: RAILROAD TRACKS MONITORING

I 215




TR 500
d=1107.42
CK#1 1102.57
CK#503 1109.875

HI 4.87
HO 0.00
1109.87 ✓

| | ORIG ELEV | ELEV. CK. | CHANGE |
|---|---|---|---|
| 13 | 1106.01 | 1106.00 | -0.01 |
| 14 | 1105.89 | 1105.88 | -0.01 |
| 15 | 1105.81 | 1105.80 | -0.01 |
| 16 | 1105.87 | — | — |
| 17 | 1105.73 | — | — |
| 18 | 1105.64 | — | — |
| 19 | 1106.115 | 1106.10 | -0.015 |
| 20 | 1105.95 | 1105.94 | -0.01 |
| 21 | 1105.95 | — | — |

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# HILLWIG - GOODROW, LLC

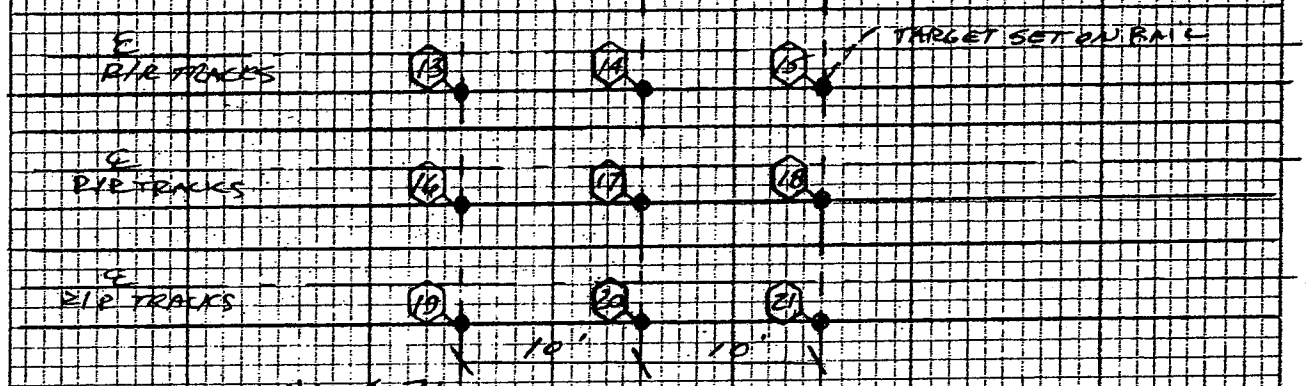
Land Surveying • GPS Surveys • Aerial Mapping

Client: ELCO Project: I215 BORE W.O. No.: 042-12 Page 1 of 1

Prepared By: RJG, JS Date: 1-19-05

Description: RAILROAD TRACKS MONITORING

I 215




HI 4.71

TIE 500

℄ = 1107.42 HO 0.00

CK #1 1107.57

CK #03 1109.875 ✓

| | ORIG ELEV | ELEV. CK. | CHANGE |
|---|---|---|---|
| 13 | 1106.01 | 1106.00 | |
| 14 | 1105.89 | 1105.88 | |
| 15 | 1105.81 | 1105.80 | |
| 16 | 1105.87 | — | |
| 17 | 1105.73 | — | |
| 18 | 1105.64 | — | |
| 19 | 1106.115 | 1106.105 | |
| 20 | 1105.95 | 1105.945 | |
| 21 | 1105.95 | | |

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# HILLWIG - GOODROW, LLC

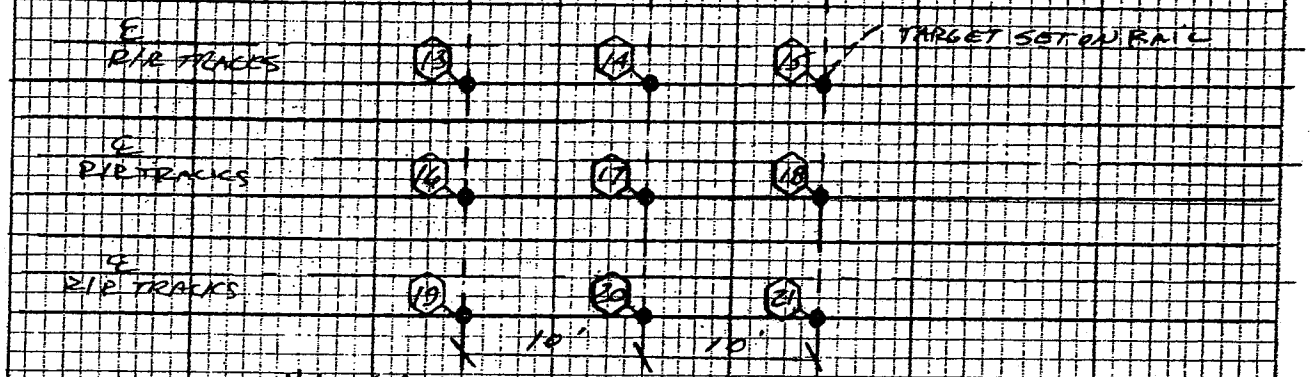
Land Surveying • GPS Surveys • Aerial Mapping

Client: ELCO Project: I215 BORE W.O. No.: 042-12 Page 1 of 1

Prepared By: RJG, JS Date: 1-20-05

Description: RAIL ROAD TRACKS MONITORING

I 215




HI 480

TR 500

EL = 1107.42

CK#1 1102.57 HO 0.00

CK #503 1109.875

| | ORIG ELEV | ELEV. CK | CHANGE |
|---|---|---|---|
| 13 | 1106.01 | 1106.005 | -0.005 |
| 14 | 1105.89 | 1105.885 | -0.005 |
| 15 | 1105.81 | 1105.81 | 0.00 |
| 16 | 1105.87 | — | — |
| 17 | 1105.73 | — | — |
| 18 | 1105.64 | — | — |
| 19 | 1106.115 | 1106.11 | -0.005 |
| 20 | 1105.95 | 1105.955 | +0.005 |
| 21 | 1105.95 | — | — |

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# HILLWIG - GOODROW, LLC

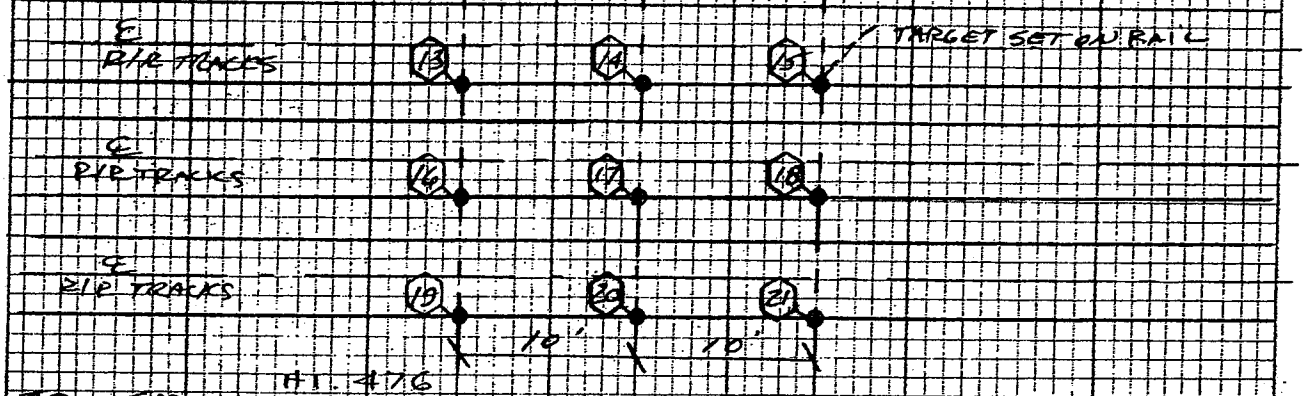
Land Surveying • GPS Surveys • Aerial Mapping

Client: ELCO Project: I215 BORE W.O. No.: 042-12 Page 1 of 1

Prepared By: RJG/JTS Date: 1-31-05

Description: RAIL ROAD TRACKS MONITORING

I 215




HI 476

AC 500
EL = 1107.42
CK#1 1107.57 ✓ HO 000
CK 503 1109.875 ✓
FIN CK 1109.875

| | ORIG ELEV | ELEV CK | CHANGE |
|---|---|---|---|
| 13 | 1106.01 | 1106.00 | -0.01 |
| 14 | 1105.89 | 1105.885 | -0.005 |
| 15 | 1105.81 | 1105.805 | -0.005 |
| 16 | 1105.87 | — | — |
| 17 | 1105.73 | — | — |
| 18 | 1105.64 | — | — |
| 19 | 1106.115 | 1106.105 | -0.01 |
| 20 | 1105.95 | 1105.95 | 0.06 |
| 21 | 1105.95 | — | — |

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# HILLWIG - GOODROW, LLC

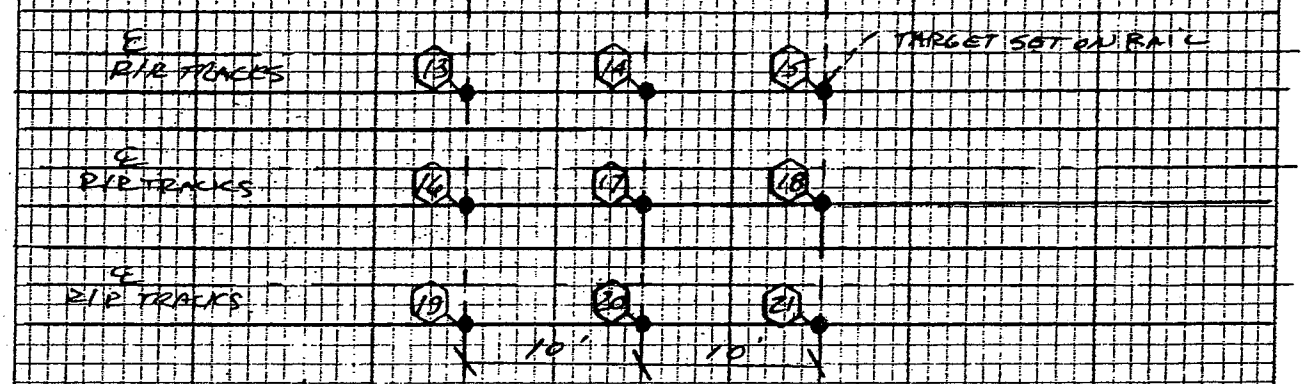
Land Surveying • GPS Surveys • Aerial Mapping

Client: ELCO Project: I215 BORE W.O. No.: 042-12 Page 1 of 1

Prepared By: RJG / JS Date: 2-07-05

Description: RAILROAD TRACKS MONITORING

I 215




HI

TIE 500
EL=1107.42
HO 0.00
CK #1 1107.57
CK #503 1109.875

| | ORIG. ELEV | ELEV. CK | CHANGE |
|---|---|---|---|
| 13 | 1106.01 | 1106.01 | 0.00 |
| 14 | 1105.89 | 1105.885 | -0.005 |
| 15 | 1105.81 | 1105.81 | 0.00 |
| 16 | 1105.87 | — | — |
| 17 | 1105.73 | — | — |
| 18 | 1105.64 | — | — |
| 19 | 1106.115 | 1106.10 | -0.015 |
| 20 | 1105.95 | 1105.945 | -0.005 |
| 21 | 1105.95 | — | — |

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# HILLWIG - GOODROW, LLC

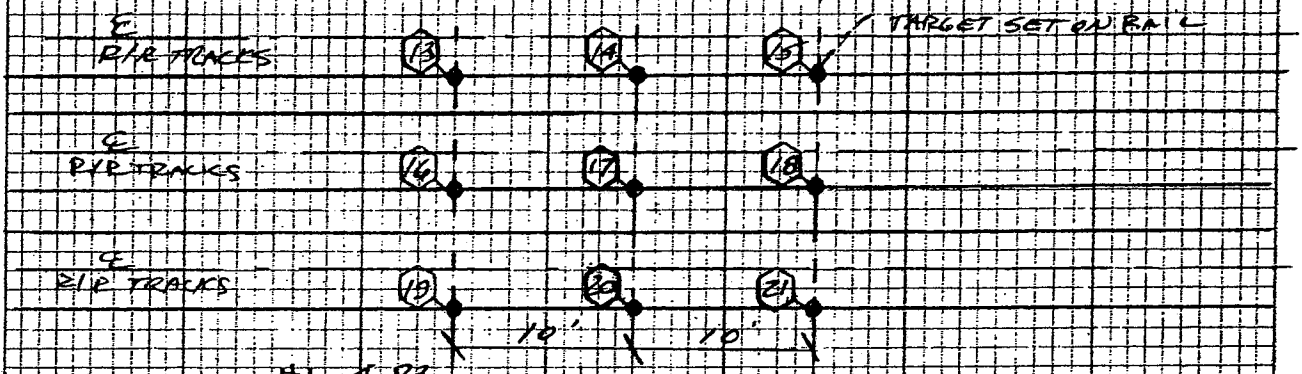
Land Surveying • GPS Surveys • Aerial Mapping

Client: ECO Project: I215 BORE W.O. No.: 042-12 Page 1 of 1

Prepared By: R.M. Date: 2-14-05

Description: RAIL ROAD TRACKS MONITORING

I 215




HI 4.83

TBM 500
EL=1107.42
CK# 1 1107.57 HD 0.00
CK#503 1109.575

| | ORIG ELEV | ELEV CK | CHANGE |
|---|---|---|---|
| 13 | 1106.01 | 1106.01 | 0.00 |
| 14 | 1105.89 | 1105.88 | -0.01 |
| 15 | 1105.81 | 1105.81 | 0.00 |
| 16 | 1105.81 | — | — |
| 17 | 1105.73 | — | — |
| 18 | 1105.64 | — | — |
| 19 | 1106.115 | 1106.11 | -0.005 |
| 20 | 1105.95 | 1105.945 | -0.005 |
| 21 | 1105.95 | — | — |

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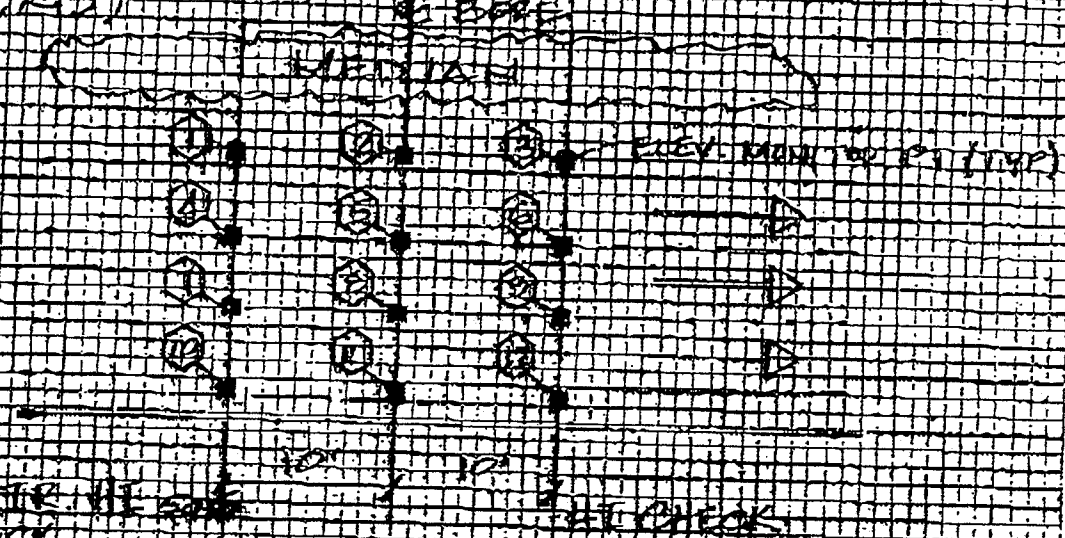
# HILLWIG - GOODROW, LLC

Land Surveying · GPS Surveys · Aerial Mapping

Client: [illegible] Project: [illegible] Page 1 of 2

Prepared By: HILLWIG - GOODROW Date: 8-15-05

Description: HWY 215 - EAST SIDE NORTH BOUND LANES (R2, R3)




INSTR. HI CHECK

[illegible] @ STA [illegible]

[illegible] 1104.985

[illegible] 1105.005

| | ORIG. ELEV. | ELEV. CK. | CHANGE |
|---|---|---|---|
| 1 | 1105.08 | 1105.085 | +0.005 |
| 2 | 1105.045 | 1105.05 | +0.005 |
| 3 | 1105.02 | 1105.025 | +0.005 |
| 4 | 1104.89 | 1104.895 | +0.005 |
| 5 | 1104.815 | 1104.83 | +0.015 |
| 6 | 1104.815 | 1104.825 | +0.01 |
| 7 | 1104.66 | 1104.67 | +0.01 |
| 8 | 1104.635 | 1104.645 | +0.01 |
| 9 | 1104.645 | 1104.65 | +0.005 |
| 10 | 1104.455 | 1104.465 | +0.01 |
| 11 | 1104.44 | 1104.45 | +0.01 |
| 12 | 1104.475 | 1104.485 | +0.01 |

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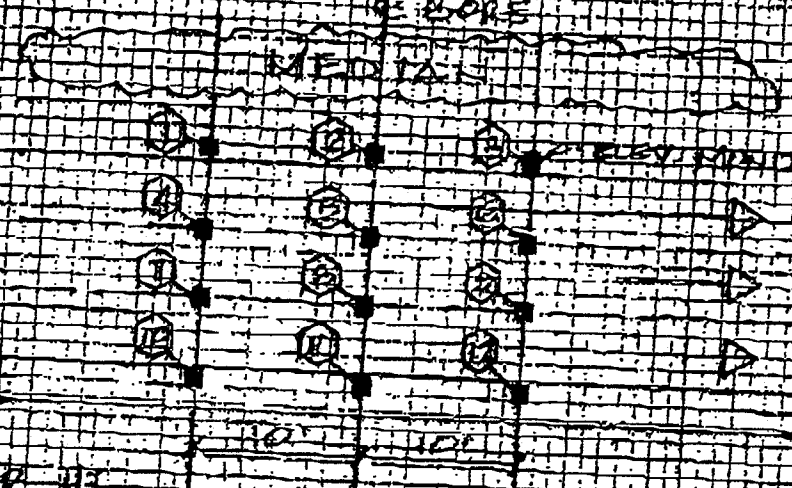
# HILLWIG - GOODROW, LLC

Land Surveying · GPS Surveys · Aerial Mapping

Client: [illegible] Project: [illegible] Sheet No: [illegible] Page: 2 of 2

Prepared By: HILLWIG - GOODROW Date: [illegible]

Description: HWY 215 - WEST SIDE - SOUTH BOUND LANES




INSTR HT CHECK 4.95

[illegible] @ STA 504

[illegible] 1107.57

1107.57

1109.87

1109.87

| | ORIG. ELEV. | ELEV CK. | CHANGE |
|---|---|---|---|
| 1 | 1109.06 | 1109.05 | -0.01 |
| 2 | 1108.94 | 1108.935 | -0.001 |
| 3 | 1108.85 | 1108.845 | -0.001 |
| 4 | 1108.885 | 1108.875 | -0.01 |
| 5 | 1108.805 | 1108.795 | -0.01 |
| 6 | 1108.715 | 1108.705 | -0.01 |
| 7 | 1108.74 | 1108.73 | -0.01 |
| 8 | 1108.66 | 1108.65 | -0.01 |
| 9 | 1108.53 | 1108.52 | -0.01 |
| 10 | 1108.53 | Gone | — |
| 11 | 1108.425 | Gone | — |
| 12 | 1108.36 | 1108.35 | +0.01 |

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