

14-505-01



Rite in the Rain®
ALL-WEATHER
**CROSS SECTION
FIELD BOOK**

Nº 370-6F

PARKS HWY GRADE SEPARATIONS

2014 SURVEY SERVICES

BOOK 2

14-505-01 PARKS HWY GRADE SEPARATIONS 2014

BOOK 2

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SEPARATED RAIL ROAD CROSSINGS
TOPO MP 92.5
HA = 6.562' / 2m

VZ

<u>PT</u>	<u>CODE</u>	<u>DESC</u>
50000	9710	CK SHOT CPG
50001	9710	CK SHOT CP 8
50002	9710	CK SHOT CP 9
50071	9710	CK SHOT CP 7
50072	9710	CK SHOT CP 6
50073	9710	CK SHOT CP 9

END DAY PT 50073

9/15/14
50°
SHOWERS

14-505-01

BOOK 2 PAGE 1
F SCHWADERER
T TUK

EQUIP: SEE BOOK 1 PAGE 6 FOR BASE INFO
LEICA GS14 (VIVA 2)

FILE: VZ = 1450500 MW0915V2

SEE BOOK 1 PAGE 6 FOR SKETCH

SEPARATED RAILROAD CROSSINGS
 TOPO MAP 91.5
 HX = 2m/6.562'

V2

PT	CODE	DESC
50080	9710	CK SHOT CP 9 (BI-POD)
50081	9710	CK SHOT CP 7 (BI-POD)
50082	9710	CK SHOT CP 6 (BI-POD)
50115	7130	SATELLITE DISH (4'W x 5'D x 7'H)
50137	9710	CK SHOT CP 7 (BI-POD)
50138	9710	CK SHOT CP 6 (BI-POD)
50139	9710	CK SHOT CP 8 (BI-POD)

END DAY AT 50139

9/16/14
 48°
 RAIN

14-505-01

BOOK 2 PAGE 2
 F SCHWADERER
 T TUK

EQUIP: SEE BOOK 1 PAGE 7 FOR BASE INFO
 LEICA GS14 (UIVA2)

FILE: 1450500M140916V2

SEE BOOK 1 PAGE 4 FOR SKETCH

SEPARATED GRADE CROSSINGS
TOPO MAP 91.5

V2 HA = 2m/6.562"

PT	CODE	DESC
50145	9710	CK SHOT CP 9 (BI-POD)
50146	9710	CK SHOT CP 7 (BI-POD)
50147	9710	CK SHOT CP 6 (BI-POD)
50148-50155	2041	EDGE OF DRIVEWAY-GRAVEL
50156-50165	2041	EDGE OF DRIVEWAY-GRAVEL
50166-50167	7020	FENCE GATE POSTS
50168	7023	METAL FENCE GATE (5' H)
50169-50174	1520	EDGE OF TREES
50175-50178	1520	EDGE OF TREES
50179-50181	1520	EDGE OF TREES
50205-50208	1530	EDGE OF BRUSH
50209-50221	1530	EDGE OF BRUSH
50231-50236	1520	EDGE OF TREES
50237-50244	1530	EDGE OF BRUSH
50250-50256	1011	GROUND-TOP
50263-50267	2041	EDGE OF DRIVEWAY-GRAVEL
50268-50272	2041	EDGE OF DRIVEWAY-GRAVEL
50273	9710	CK SHOT CP 7 (BI-POD)
50274	9710	CK SHOT CP 6 (BI-POD)
50275	9710	CK SHOT CP 8 (BI-POD)

END DAY POINT 50275

9/17/14
46°
MOSTLY CLOUDY

14-505-01

BOOK 2 PAGE 3
F SCHWADERER
T TUK

EQUIP: SEE BOOK 1 PAGE 13 FOR BASE INFO
LEICA GS 14 (V2)

FILE: 1450501 M 140917 V2

SEPARATED GRADE CROSSINGS
 TOPO MAP 91.5

V2 HA = 2m/6.562'

PT	CODE	DESC
50280	9710	CK SHOT CP8 (BE-PD)
50281	9710	CK SHOT CP7 (BE-PD)
50282	9710	CK SHOT CP6 (BE-PD)
50299-50303	1011	GROUND TOP
50304-50311	1012	GROUND TOE
50312-50314	1011	GROUND TOP
50344	9710	CK SHOT CP6 (BE-PD)
50345	9710	CK SHOT CP7 (BE-PD)
50346	9710	CK SHOT CP8 (BE-PD)

END DAY PT 50346

9/10/14
 46°
 RAIN

14-SOS-01

BOOK2 PAGE4
 F SCHWADERER
 T TUK

EQUIP: SEE BOOK1 PAGE 14 FOR BASE INFO
 LEICA GS14 (V2)

RILE: 1450501M140918V2

SEPARATED GRADE CROSSINGS

MAP 91.5 TO AD

V2 HA = 2m/6.562'

PT	CODE	DESC
50350	9710	CK SHOT CP9 (BE-POD)
50351	9710	CK SHOT CP7 (BE-POD)
50352	9710	CK SHOT CP6 (BE-POD)
50417	9710	CK SHOT CP7 (BE-POD)
50418	9710	CK SHOT CP8 (BE-POD)
50419	9710	CK SHOT CP9 (BE-POD)

END DAY AT 50419

9/19/14

14-505-01

BOOK 2 PAGE 5

48°

F SCHWADENEX

RAIN

T TUK

EQUIP: SEE BOOK 1 PAGE 15 FOR BASE INFO
LEICA GS14 CV2

FILE: 1450501 M140919V2

V2 HX = 2m / G.562
 SEPARATED GRADE CROSSINGS
 TOPD MP 91.5

PT	CODE	DESC
50425	9710	CK SHOT CP 9 (BI-Pod)
50246 426	9710	CK SHOT CP 8 (BI-Pod)
50247 427	9710	CK SHOT CP 7 (BI-Pod)
⁴²⁹⁻⁴³⁰ 50249 502	2041	EDGE OF DRIVEWAY-GRAVEL
⁵⁰⁴³¹⁻⁵⁰⁴³² 50251 50252	2041	EDGE OF DRIVEWAY-GRAVEL
50433-50438	1520	EDGE OF TREES
50470	9710	CK SHOT CP 7 (BI-Pod)
50472	9710	CK SHOT CP 8 (BI-Pod)
50473	9710	CK SHOT CP 9 (BI-Pod)

END DAY AT 50473

9/20/14
 46°
 CLOUDY

14-505-01

BOOK 2 PAGE 6
 F SCHWADERER
 T TUK

EQUIP: SEE BOOK 1 PAGE 16 FOR BASE INFO
 LEICA GS14 (V2)

FILE: 1450501M140920V2

SEPARATED GRADE CROSSINGS
 TOPO MAP 100.5

V2 HA = 2m/6.562'

PT	CODE	DESC
50480	9710	CR SHOT CP 9 (BI-POD)
50481	9710	CR SHOT CP 83 (BI-POD)
50482	9710	CR SHOT CP 50 (BI-POD)
50483- ⁵⁰⁵¹⁹ 50520	2020	EDGE OF ROAD-ASPHALT
50520-50560	2020	EDGE OF ROAD-ASPHALT
50561-50562	2020	EORA-ADD TO STRING 50483-50519
50563-50602	2070	TOP OF ASPHALT
50603-50627	1011	GROUND-TOP
50628-50657	1011	GROUND-TOP
50658	6860	75" BEYCLES
		
USE CAUTION!!		
50659	9710	CR SHOT CP 9 (BI-POD)
50660	9710	CR SHOT CP 83 (BI-POD)
50661	9710	CR SHOT CP 50 (BI-POD)

END DAY PT 50661

9/22/14
 45°

14-505-01

BOOK 2 PAGE 7
 F SCHWADERER
 T TUK

SUNNY
 LIGHT WIND

EQUIP: SEE BOOK 1 PAGE FOR BASE INFO
 LEICA RS14 (V2)

FILE: 1450501m140922V2

SEPARATED GRADE CROSSINGS

TOPO MP 100.5

V2 HA = 2 m / 6.562'

PT	CODE	DESC
50665	9710	CK SHOT CP 79 (BI-Pod)
50666	9710	CK SHOT CP 50 (BI-Pod)
50667	9710	CK SHOT CP 81 (BI-Pod)
50668-50695	97-1012	GROUND-TOE
50696-50717	1012	GROUND-TOE
50718-50747	1011	GROUND-TOP
50748-50777	1011	GROUND-TOP
50778-50789	1012	GROUND-TOE
50790-50819	1012	GROUND-TOE
50820-50826	1011	GROUND-TOP
50827-50858	1520	EDGE OF TREES
50859-50888	1520	EDGE OF TREES
50889-50860	3090	24" CMP SHOT AT INVERT
50861	6400	TELEPHONE PEDESTAL
50862	6860	TRAFFIC SIGN "  "
50863-50864	1520 6860	TS "OVERHEAD POWER LINES LOOK UP FOR SAFETY"
50865-50874	1520	EDGE OF TREES
50875-50886	1520	EDGE OF TREES
50887	6000	WOOD DRILL POLE (W/ROPER)
50888-50896	6050	GUY ANCHORS
50891	6000	WOOD DRILL POLE
CONT. NEXT PAGE		

9/23/14

37°

CLOUDY

1A-505-01

BOOK 2 PAGE 8

F. SCHWADERER
T. TUREQUIP: SEE BOOK 1 PAGE 13 FOR BASE INFO
LEICA GS14 (V2)

FILE: 1A50501M140923V2

SEPARATED GRADE CROSSINGS

TOPO MP 100.5

V2

HA = 6.562' = 2.000M

PT	CODE	DESC
50892	6000	WOOD UTIL. POLE
50893-50895	6050	GUY ANCHORS
50896	6000	WOOD UTIL. POLE
50897-50898	6050	GUY ANCHORS
50899	6000	WOOD UTIL. POLE
50900	6000	WOOD UTIL. POLE
50901-50902	6050	GUY ANCHORS
50903	6000	WOOD UTIL. POLE
50904	9710	CE SHOT CP 50 (BE-POD)
50905	9710	CE SHOT CP 81 (BE-POD)
50906	9710	CE SHOT CP 83 (BE-POD)

END DAY PT 50906

9/23/14, CONTINUED
50°, MOSTLY CLOUDY

14-SOS-01

Book 2 Pg 9

SAME CREW

EQUIP: LEICA GS 14 (V2)
FILE: 14SOS01M140923V2

SEPARATED GRADE CROSSINGS

TOPO MP 100.5

V2 HA = 2m/6.562'

PT	CODE	DESC
50910	9710	CK SHOT CP 79 (BI-POD)
50911	9710	CK SHOT CP 50 (BI-POD)
50912	9710	CK SHOT CP 81 (BI-POD)
50913-50923	2020	EDGE OF ROAD ASPHALT
50924-50938	2041	EDGE OF GRAVEL DRIVEWAY
50939-50942	2041	EDGE OF GRAVEL DRIVEWAY
50943-50952	2041	EDGE OF GRAVEL DRIVEWAY
50953-50963	2041	EDGE OF GRAVEL DRIVEWAY
50964	2020	EDGE OF ROAD ASPHALT
50965-50979	1011	GROUND-TOP
51009-51019	1520	EDGE OF TREES
51020	9710	CK SHOT CP 79 (BI-POD)
51021	9710	CK SHOT CP 50 (BI-POD)
51022	9710	CK SHOT CP 81 (BI-POD)

END DAY AT 51022

9/24/14

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BOOK 2 PAGE 10

34°

F SCHWADERER

MOSTLY CLOUDY

T-TUK

EQUIP: SEE BOOK 1 PAGE 19 FOR BASE INFO

LEICA GS14 (V2)

FILE: 1450501M140924V2

SEPARATED GRADE CROSSINGS
TOPD MP 100.15

V2 HA = 12.05'

<u>PT</u>	<u>CODE</u>	<u>DESC</u>
51025	9710	CK SHOT CP 79 (BE-POD) HA=6.562'
51026	9710	CK SHOT CP 50 (BE-POD) HA=6.562'
51027	9710	CK SHOT CP 81 (BE-POD) HA=6.562'
51028-51032	1010	GROUNDS - CHANGE HA TO 12.05 FT.
51074	1020 1010	EDGE OF DRIVEWAY - HA=6.562'
51075-51081	2041	EDGE OF DRIVEWAY - GRAVEL
51082-51087	2041	EDGE OF DRIVEWAY - GRAVEL
51122	9710	CK SHOT CP 79 (BE-POD)
51123	9710	CK SHOT CP 50 (BE-POD)
51124	9710	CK SHOT CP 81 (BE-POD)

END DAY POINT 51124

9/25/14

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BOOK 2 PAGE 11

80°
SUNNY

EQUIP: SEE BOOK 1 PAGE 21 FOR BASE INFO
LEICA GS14 (V2)

FILE: 14SOS01M140925V2

SEPARATED GRADE CROSSINGS

TOPO MP 100.5

B1 @ CP80 HA = 1.395 M = 4.58'

R3 HA = 6.562' = 2.000 M

<u>PT</u>	<u>CODE</u>	<u>DESC</u>
51150	9710	CK SHOT CP 79 (BI-PON)
51131	9710	CK SHOT CP 50 (BI-PON)
51152	9710	CK SHOT CP 81 (BI-PON)
51133-51139	1520	EDGE OF TREES
51140-51145	1520	EDGE OF TREES
51146	1010	-POSSIBLE PROP. COR. FOUND METAL FENCE POST 2.9' AG W. LATHE 2.8' AG
51147-51159	1520	EDGE OF TREES
51159-51166	1012	GROUND-TOP
51167-51177	1011	GROUND-TOP
51178 51184-51210	1012	GROUND-TOP
51289-51306	1011	GROUND-TOP
51307	9710	CK SHOT CP 78 (BI-PON)
51308	9710	CK SHOT CP 50 (BI-PON)
51309	9710	CK SHOT CP 81 (BI-PON)

END DAY

SHOT 51309

09/26/2014

30°, CLEAR

14-505-01

BK 2 PG 12

T. TUK
M. DANIEL
D. BURKE

EQUIP: ROVER R3 (LEICA SXS 1200 GPS)

FILE: 1450501M140926R3

SEPARATED GRADE CROSSINGS

Topo MP 100.5

R3 HA = 6.562' = 2.000 M

PT	CODE	DESC
51315	9710	CK SHOT CP 78 (BE-POD)
51316	9710	CK SHOT CP 50 (BE-POD)
51317	9710	CK SHOT CP 81 (BE-POD)
51322-51333	1012	GROUND-TOE
51356-51367	1011	GROUND-TOP
51368-51380	1012	GROUND-TOE
51419	9710	CK SHOT CP 78 (BE-POD)
51470	9710	CK SHOT CP 50 (BE-POD)
51471	9710	CK SHOT CP 81 (BE-POD)

END DAY PT 51471

09/27/2014

40° CLEAR

14-505-01

BE2, PG 13

T. TOLK

F. SCHWABERER

M. DANIEL

D. BURKE

EQUIP: LEICA S75 1200 GPS (ROVER R3)

FILE: 1450501M140927R3

SEPARATED GRADE CROSSINGS
TOPD MP 100.5

V2 HA = 2m/6.562'

PT	CODE	DESC
51475	9710	✓ SHOT CP 50 (BI-Pop)
51476	9710	✓ SHOT CP 81 (BI-Pop)
51477	9710	✓ SHOT CP 79 (BI-Pop)
51551	9710	✓ SHOT CP 74 (BI-Pop)
51552	9710	✓ SHOT CP 50 (BI-Pop)
51553	9710	✓ SHOT CP 81 (BI-Pop)

END DAY

PT 51553

9/29/14

14-505-01

30°

MOSTLY CLOUDY

BOOK 1 PAGE 14
F SCHWABER
T TUK

EQUIP: SEE BOOK 1 PAGE 28 FOR BASE INFO
LEICA GS14 (V2)

FILE: 1450501M140929V2

SEPARATED GRADE CROSSINGS

TOPO MP 100.5

V2 HA = 6.562' = 2.000M

PT	CODE	DESC
51560	9710	CK SHOT CP 79 (BI-POD)
51561	9710	CK SHOT CP 50 (BI-POD)
51562	9710	CK SHOT CP 81 (BI-POD)
51576	1720	SOIL TEST BORE #4
51577-51588	5670	UGEL - FROM POLE W/RESID 50887 TO TRANSFORMER 51589
51589	5560	ELECTRIC TRANSFORMER
51590-51592	5670	UGEL - FROM TRANS 51589 TO ELCC METER 51593
51593	5580	ELECTRIC METER
51594	9710	CK SHOT CP 50 (BI-POD)
51595	9710	CK SHOT CP 81 (BI-POD)
51596	9710	CK SHOT CP 79 (BI-POD)

END DAY

PT 51596

09/30/14

25° CLEAR

14-SOS-01

BOOK 2 PG 15

T-TUL

EQUIP: SEE BOOK 1 PG FOR BASE SETUP INFO

LEICA GS14 (V2)

FILE: 1450501M140930V2