

SURVEYING PARAMETERS
(G105)

PRIMARY PROJECT CONTROL MONUMENTS GOVERN ALL POSITIONING ON ODOT PROJECTS.
SEE SHEET RW.3 OF THE PLANS FOR A TABLE CONTAINING PROJECT CONTROL INFORMATION.

USE THE FOLLOWING PROJECT CONTROL, VERTICAL POSITIONING, AND HORIZONTAL POSITIONING
PARAMETERS FOR ALL SURVEYING:

PROJECT CONTROL
POSITIONING METHOD: GPS OBSERVATIONS PER THE ODOT VRS NETWORK
MONUMENT TYPE: TYPE B

VERTICAL POSITIONING
ORTHOMETRIC HEIGHT DATUM: NAVD88
GEOID: GEOID18

HORIZONTAL POSITIONING
REFERENCE FRAME: NAD83 (2011)
ELLIPSOID: GRS80

COORDINATE SYSTEM: OCCS - LORAIN COUNTY
ERIE COUNTY OCCS PROJECTION PARAMETERS:
PROJECTION: LCC 1 PARALLEL
CENTRAL LATITUDE: N 41°24'00"
CENTRAL LONGITUDE: E 277°54'00"
FALSE NORTHING: 100,000 METERS
FALSE EASTING: 50,000 METERS
PROJECTION SCALE FACTOR: 1.000033
PROJECT COORDINATES SHOWN IN U.S. SURVEY FEET

USE THE POSITIONING METHODS AND MONUMENT TYPE USED IN THE ORIGINAL SURVEY TO
RESTORE ALL MONUMENTS RELATED TO PRIMARY PROJECT CONTROL THAT ARE DAMAGED
OR DESTROYED BY CONSTRUCTION ACTIVITIES. RESTORE THE DAMAGED OR DESTROYED
MONUMENTS IN ACCORDANCE WITH CMS 623.

ODOT CONSTRUCTION AND MATERIAL SPECIFICATIONS ITEM 623 WILL GOVERN
CONSTRUCTION SURVEYING ACTIVITY.

THE FOLLOWING MONUMENT VERIFICATION REPORT(S) WILL BE REQUIRED:

623.04a PRECONSTRUCTION MONUMENT VERIFICATION AND REPORT

623.04b POST CONSTRUCTION MONUMENT VERIFICATION AND REPORT

LORAIN COUNTY
CITY OF ELYRIA & ELYRIA TOWNSHIP
TOWNSHIP 6 N RANGE 17 W
GREAT LOT 15
BURRELL AND DAY TRACT

BASIS FOR BEARINGS:

ALL BEARINGS SHOWN ARE FOR PROJECT USE ONLY.
THE BEARINGS REFERRED TO HEREIN ARE RELATIVE TO THE
OCCS - LORAIN COUNTY COORDINATE SYSTEM.
NORTH ZONE NAD 83 (2011) DATUM FROM GPS OBSERVATIONS
OF THE ODOT VRS GPS SYSTEM IN SEPTEMBER 2024 BY THE
ODOT DISTRICT THREE SURVEY DEPARTMENT AND ARE FOR
THE PURPOSE OF DEFINING ANGULAR MEASUREMENTS.

SETTING OF ALL MONUMENTS SHALL BE PERFORMED BY A SURVEYOR REGISTERED
IN THE STATE OF OHIO. THE MONUMENT ASSEMBLIES AND REFERENCE MONUMENTS
WILL BE INSTALLED BY THE CONTRACTOR AT THE TIME OF CONSTRUCTION.
THE IRON PIN AND CAP (WHEN REQUIRED) ARE TO BE INSTALLED BY THE
CONTRACTOR'S SURVEYOR.

CHANGES OR ALTERATIONS TO THE LOCATION OF ANY MONUMENTS SHOWN
IN THIS TABLE, REQUIRE PRIOR APPROVAL FROM THE DISTRICT REAL ESTATE
ADMINISTRATOR OF THE OHIO DEPARTMENT OF TRANSPORTATION. IN THE EVENT
THAT CHANGES OR ALTERATIONS ARE APPROVED, A REVISED CENTERLINE PLAT
WITH THE NEW LOCATIONS SHALL BE RECORDED IN THE APPLICABLE COUNTY
RECORDS AND THE OHIO DEPARTMENT OF TRANSPORTATION. SPECIFICATIONS
FOR MONUMENT ASSEMBLIES, REFERENCE MONUMENTS AND RIGHT OF WAY
MONUMENTS ARE SHOWN ON STANDARD CONSTRUCTION DRAWING RM-1.1.

NOTE: THE EXISTING CENTERLINE OF RIGHT OF WAY, RIGHT OF WAY LINES,
AND RIGHT OF WAY WIDTHS WERE DETERMINED FROM EXISTING RIGHT
OF WAY MONUMENTATION AND FROM THE FOLLOWING O.D.O.T. PLANS:

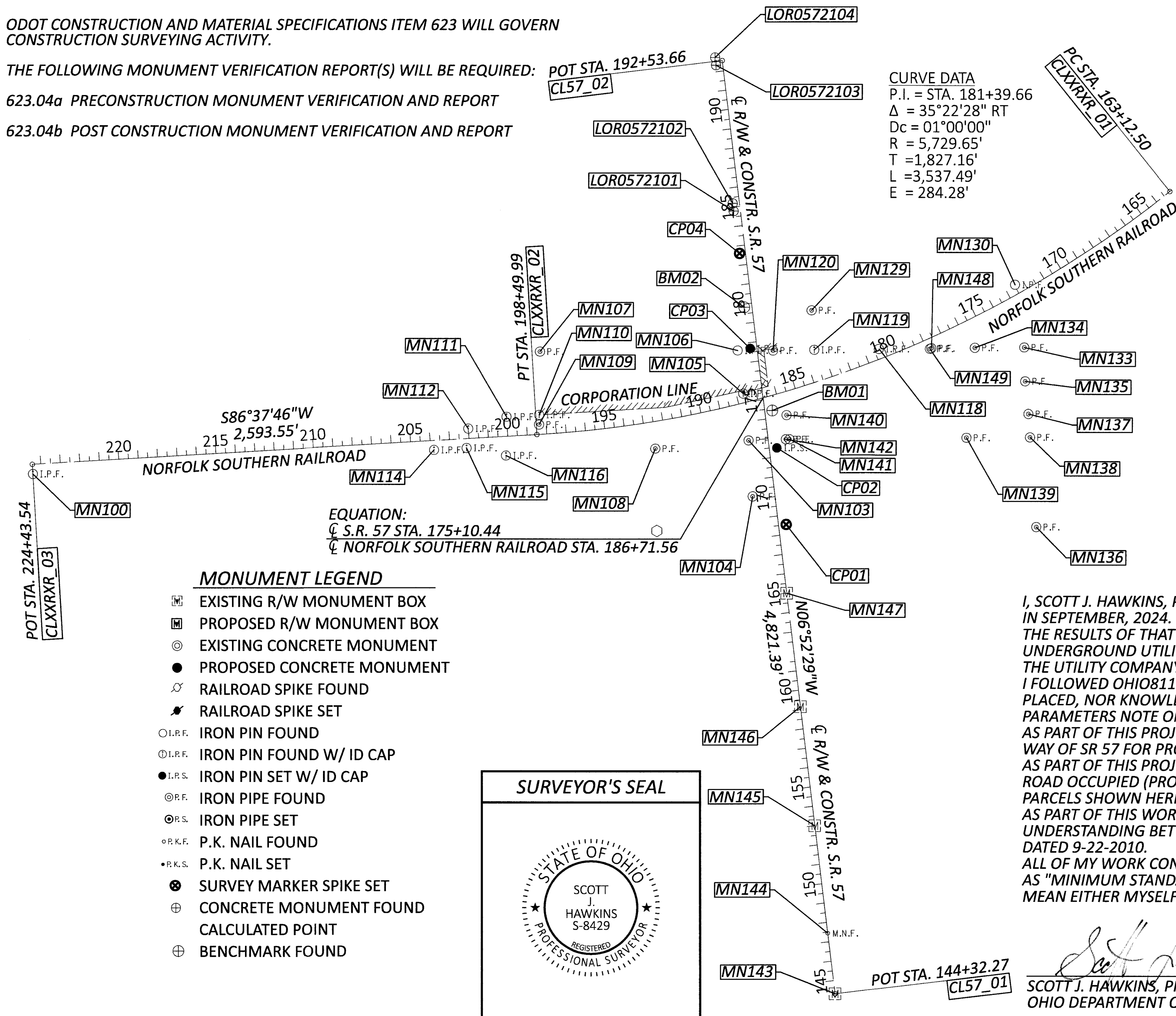
- LOR-57-16.94-17.76 (1951)
- LOR-57-19.58 (1950)

SEE COORDINATE TABLE AND CENTERLINE PLAT SHEETS RW.2 & RW.3.

ALL REFERENCES ARE FROM THE CENTERLINE OF RIGHT OF WAY.

ALL SECTION LINES SHOWN ARE FOR GRAPHICAL PURPOSES ONLY.

THE STATIONING IS RELATIVE TO STA. 144+32.27 AS SHOWN ON PLAN LOR-57-19.42, PID 82645



2026-0101718
PLAT Fee \$172.80 Page 1 of 2
Recorded: 6/30/2026 at 11:34 AM
Receipt: 120260015692
Lorain County Recorder Mike Doran

PLAT VOL 119
PGS 76, 77

NO TRANSFER NECESSARY
J. CRAIG SNODGRASS, CPA, CGFM
LORAIN COUNTY AUDITOR
N.H. 6-30-2026 JCS FEE
DEPUTY

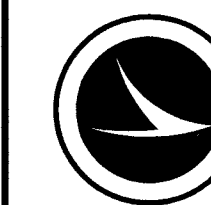
I, SCOTT J. HAWKINS, P.S. HAVE CONDUCTED A SURVEY OF THE EXISTING CONDITIONS FOR THE OHIO DEPARTMENT OF TRANSPORTATION
IN SEPTEMBER, 2024.
THE RESULTS OF THAT SURVEY ARE CONTAINED HEREIN.
UNDERGROUND UTILITY LOCATIONS ARE SHOWN FOR INFORMATION PURPOSES ONLY. THEIR LOCATION AS MARKED ON THE GROUND BY
THE UTILITY COMPANY OR THEIR REPRESENTATIVES PER OHIO811 NUMBER A502400873 WAS SURVEYED AND MAPPED AS PART OF THIS PROJECT.
I FOLLOWED OHIO811 UTILITY DAMAGE PREVENTION LAWS AND HAVE NO DIRECT KNOWLEDGE OR CONTROL OF HOW THESE MARKS WERE
PLACED, NOR KNOWLEDGE OF THE ACCURACY AS TO THEIR INTENDED DEPICTION OF SUBSURFACE UTILITY FACILITIES. SEE THE AFFIXED SURVEY
PARAMETERS NOTE ON THE CENTERLINE PLATS FOR THE HORIZONTAL AND VERTICAL SURVEY PARAMETERS USED FOR THIS PROJECT.
AS PART OF THIS PROJECT I HAVE REESTABLISHED THE LOCATIONS OF THE EXISTING BOUNDARY LINES AND CENTERLINE OF EXISTING RIGHT OF
WAY OF SR 57 FOR PROPERTY TAKES CONTAINED HEREIN.
AS PART OF THIS PROJECT I HAVE ESTABLISHED THE PROPOSED BOUNDARY LINES, CALCULATED THE GROSS TAKE, PRESENT
ROAD OCCUPIED (PRO), NET TAKE, AND NET RESIDUE; AS WELL AS PREPARED THE LEGAL DESCRIPTIONS NECESSARY TO ACQUIRE THE
PARCELS SHOWN HEREIN.
AS PART OF THIS WORK, RIGHT OF WAY MONUMENTS WILL BE SET AT THE LOCATIONS SHOWN HEREIN PER THE MEMORANDUM OF
UNDERSTANDING BETWEEN THE BOARD OF REGISTRATION FOR ENGINEERS AND SURVEYORS AND THE OHIO DEPARTMENT OF TRANSPORTATION
DATED 9-22-2010.
ALL OF MY WORK CONTAINED HEREIN WAS CONDUCTED IN ACCORDANCE WITH OHIO ADMINISTRATIVE CODE 4733-37 COMMONLY KNOWN
AS "MINIMUM STANDARDS FOR BOUNDARY SURVEYS IN THE STATE OF OHIO" UNLESS SO NOTED. THE WORDS I AND MY AS USED HEREIN ARE TO
MEAN EITHER MYSELF OR SOMEONE WORKING UNDER MY DIRECT SUPERVISION.

SCOTT J. HAWKINS, PROFESSIONAL SURVEYOR NO. S-8429
OHIO DEPARTMENT OF TRANSPORTATION DISTRICT THREE

05/28/2026
DATE:

RECEIVED _____, 20 ____
RECORDED _____, 20 ____
BOOK _____ PAGE _____
COUNTY RECORDER

DESIGN AGENCY



DESIGNER

ECS

REVIEWER

SIH 05-28-26

PROJECT ID

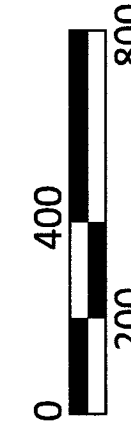
122038

SUBSET

TOTAL

RW.2

RW.8



LOR-57-20.90

MODEL: Sheet PAPER: 34x22 (in.) DATE: 5/27/2026 TIME: 3:13:39 PM PLTDRY: OHDOT_PEN.tbl USER: Emily.Stephani@dot.ohio.gov WORKSPACE: OHDOTCEV02 WORKSET: 122038 PRODUCT: OpenRoadsDesigner.24.00.00.205
pwr\ohdot-pw-bentley.com\ohdot-pw-122038\00-Engineering\RW\Sheets\122038_R0202.dgn

PROJECT: LOR-57-20.90															PID: 122038																						
Import Units:		Ground Coord?		TRUE		Unit Conversion Factor1 (sft->m):		0.304800610		Unitless Ground to Grid Factor:		Unitless Factor:																									
Output Unit1:		Meters		m		Adjustment Factor1:		0.30480061		1.000000000		Primary Project Control:																									
Output Unit2:		U.S. Survey FT		sft		Adjustment Factor2:		1		1.000000000		Trimble R12i																									
OCCS COORDINATES - US SURVEY FT															LORAIN OCCS COORDINATES					MONUMENTS TO BE SET																	
PROJECT coordinates are scaled from GRID coordinates about the Ohio South Zone grid point N=0, E=0 (N 37° 47' 45.30621", W 89° 19' 00.02517")															Horiz. Datum: NAD83 (2011) OCCS LORAIN Vert. Datum: NAVD88 defined by GPS from CORS using NAVD88. All other elevations are established by leveling from .					DURING CONSTRUCTION																	
NAME		Alignment Name		STATION		OFFSET (sft)		RT/LT		NORTH (sft)		EAST (sft)		ELEVATION (sft)		FEATURE		POINT TYPE		DESCRIPTION		NAME		NORTH (m)		EAST (m)		ORTHO HT (m)		NORTH (sft)		EAST (sft)		MONUMENT ASSEMBLY		REFERENCE MONUMENT	
CENTERLINE ALIGNMENT																																					
CLX57_01		CLX_57		144+32.27		0.00		RT		329469.740		159401.803		0.00		CALPT		Centerline Alignment		Calculated Point (POT) CLX_57		CLX57_01		100422.5777		48585.7666		0.000		329469.7402		159401.8026					
CLX57_02		CLX_57		192+53.66		0.00		RT		334256.465		158824.679		0.00		CALPT		Centerline Alignment		Calculated Point (POT) CLX_57		CLX57_02		101881.5744		48409.8590		0.000		334256.4653		158824.6791					
CLXRXR_01		CLX_RxR		163+12.50		0.00		RT		333587.391		161121.394		0.00		CALPT		Centerline Alignment		Calculated Point (PCC) RxR		CLXRXR_01		101677.6401		49109.8990		0.000		333587.3910		161121.3935					
CLXRXR_02		CLX_RxR		198+49.99		0.00		RT		332336.432		157872.326		0.00		CALPT		Centerline Alignment		Calculated Point (PT) RxR		CLXRXR_02		101296.3470		48119.5812		0.000		332336.4317		157872.3259					
CLXRXR_03		CLX_RxR		224+43.54		0.00		RT		332183.949		155283.259		0.00		CALPT		Centerline Alignment		Calculated Point (POT) RxR		CLXRXR_03		101249.8702		47330.4319		0.000		332183.9490		155283.2585					
EXISTING BOUNDARY MONUMENTS																																					
MN136		CLX_57		166+84.53		1312.23		RT		331862.881		160435.004		683.24		IPIPE		Existing Boundary Monuments		¾" OD IRON PIPE FOUND; DOWN 0.2" ; NOTE GOOD		MN136		101152.0084		48900.6871		208.251		331862.8809		160435.0042					
MN104		CLX_57		170+14.43		113.48		LT		332019.750		159980.051		689.57		IPIPE		Existing Boundary Monuments		1" OD IRON PIPE FOUND ; DOWN 0.2" ; NOTE GOOD		MN104		101199.8222		48457.2164		210.181		332019.7499		159980.0508					
MN138		CLX_57		171+45.99		1335.30		RT		332323.785		160402.670		686.89		IPIPE		Existing Boundary Monuments		¾" OD IRON PIPE FOUND ; DOWN 0.5" ; NOTE GOOD		MN138		101292.4923		48890.8317		209.364		332323.7851		160402.6703					
MN139		CLX_57		171+82.40		1011.52		RT		332321.173		160076.862		689.66		IPIPE		Existing Boundary Monuments		1.25" OD IRON PIPE FOUND ; UP 0.2" ; NOTE GOOD		MN139		101291.6962		48791.5251		210.210		332321.1732		160076.8620					
MN137		CLX_57		172+65.99		1341.46		RT		332443.655		160394.417		687.01		IPIPE		Existing Boundary Monuments		¾" OD IRON PIPE FOUND ; DOWN 0.3" ; NOTE GOOD		MN137		101329.0286		48888.3161		209.402		332443.6546		160394.4170					
MN141		CLX_57		172+82.86		108.76		RT		332312.849		159168.562		692.92		IPIPE		Existing Boundary Monuments		1" OD IRON PIPE FOUND ; DOWN 0.2" ; NOTE GOOD		MN141		101289.1589		48514.6746		211.202		332312.8487		159168.5615					
MN142		CLX_57		172+85.07		90.16		RT		332312.821		159149.836		693.07		IPIPE		Existing Boundary Monuments		1" OD IRON PIPE FOUND ; DOWN 0.2" ; NOTE GOOD		MN142		101289.1505		48508.9671		211.247		332312.8213		159149.8363					
MN103		CLX_57		173+01.95		99.73		LT		332306.852		158959.288		693.70		IPIPE		Existing Boundary Monuments		1.25" OD IRON PIPE FOUND ; DOWN 0.2" ; NOTE GOOD		MN103		101287.3310		48450.8880		211.442		332306.8519		158959.2883					
MN108		CLX_57		173+17.41		581.03		LT		332264.587		158479.594		699.12		IPIPE		Existing Boundary Monuments		1" OD IRON PIPE FOUND ; DOWN 0.2" ; NOTE GOOD		MN108		101274.4487		48304.6767		213.092		332264.5870		158479.5936					
MN116		CLX_57		173+73.18		1345.80		LT		332228.408		157713.651		704.75		IPID		Existing Boundary Monuments		¾" IRON PIN FOUND WITH CAP ; NAME H & A LTD ; UP 0.3" ; NOTE GOOD		MN116		101263.4212		48071.2170		214.807		332228.4077		157713.6511					
MN140		CLX_57		174+07.79		108.68		RT		332436.872		159153.527		694.68		IPIPE		Existing Boundary Monuments		1" OD IRON PIPE FOUND ; DOWN 0.4" ; NOTE GOOD		MN140		101326.9613		48510.9919		211.740		332436.8722		159153.5265					
MN135		CLX_57		174+34.01		1345.31		RT		332610.936		160378.131		686.95		IPIPE		Existing Boundary Monuments		1" OD IRON PIPE FOUND ; DOWN 0.3" ; NOTE BENT UNKNOWN		MN135		101380.0160		48883.3520		209.382		332610.9357		160378.1308					
MN115		CLX_57		174+35.47		1542.38		LT		332266.724		157511.030		708.03		IPID		Existing Boundary Monuments		¾" IRON PIN FOUND WITH CAP ; NAME H & A LTD ; UP 0.3" ; NOTE GOOD		MN115		101275.0999		48009.4581		215.808		332266.7236		157511.0303					
MN114		CLX_57		174+45.55		1709.41		LT		332256.737		157343.990		706.61		IPID		Existing Boundary Monuments		¾" IRON PIN FOUND WITH CAP ; NAME H & A LTD ; UP 0.1" ; NOTE GOOD		MN114		101272.0559		47958.5440		215.375		332256.7368		157343.9897					
MN109		CLX_57		175+11.03		1158.60		LT		332387.679		157883.004		705.64		IPIPE		Existing Boundary Monuments		¾" OD IRON PIPE FOUND ; UP 0.6" ; NOTE GOOD		MN109		101311.9672		48122.8357		215.079		332387.6791		157883.0035					
MN112		CLX_57		175+33.40		1521.70		LT		332366.422		157519.834		709.77		IPID		Existing Boundary Monuments		¾" IRON PIN FOUND WITH CAP ; NAME SIMON PS 7775 ; UP 0.1" ;NOTE GOOD		MN112		101305.4880		48012.1414		216.338		332366.4219		157519.8338					
MN105		CLX_57		175+44.14		97.96		LT		332547.506		158932.055		699.46		IPID		Existing Boundary Monuments		½" IRON PIN FOUND WITH CAP ; NAME MCCARTNEY & ASSOC; DOWN 0.2; NOTE GOOD		MN105		101360.6826		48442.5872		213.197		332547.5061		158932.0547					
MN110		CLX_57		175+60.92		1152.06		LT		332437.990		157883.526		708.77		IPID		Existing Boundary Monuments		¾" IRON PIN FOUND WITH CAP ; NAME SIMON PS 7775 ; UP 0.1" ;NOTE GOOD		MN110		101327.3021		48122.9951		216.035		332437.9903		157883.5263					
MN100		CLX_57		175+70.05		3767.10		LT		332134.035		155286.197		711.10		IPID		Existing Boundary Monuments		¾" IRON PIN FOUND WITH CAP ; NAME H&A LTD ; FLUSH		MN100		101234.6565		47331.3274		216.744		332134.0354		155286.1967					
MN111		CLX_57		175+71.08		1319.12		LT		332428.083		157716.445		707.05		IPID		Existing Boundary Monuments		¾" IRON PIN FOUND WITH CAP ; NAME SIMON PS 7775 ; UP 0.1" ;NOTE GOOD		MN111		101324.2824		48072.0685		215.510		332428.0831		157716.4446					
MN133		CLX_57		176+07.61		1361.35		RT		332785.201		160373.280		688.57		IPIPE		Existing Boundary Monuments		1.5" OD IRON PIPE FOUND ; DOWN 0.3" ; NOTE GOOD		MN133		101433.1321		48881.8734		209.876		332785.2009		160373.2795					
MN134		CLX_57		176+35.43		1109.95		RT		332782.736		160120.351		690.10		IPIPE		Existing Boundary Monuments		1.5" OD IRON PIPE FOUND ; DOWN 0.3" ; NOTE GOOD		MN134		101432.3808		48804.7807		210.344		332782.7361		160120.3512					
MN149		CLX_57		176+57.56		879.79		RT		332777.151		159889.193		699.07		IPIPE		Existing Boundary Monuments		1.5" OD IRON PIPE FOUND ; DOWN 0.2" ; NOTE GOOD		MN149		101430.6786		48734.3235		213.078		332777.1513		159889.1929					
MN148		CLX_57		176+59.78		887.97		RT		332780.331		159897.053		698.53		IPIPE		Existing Boundary Monuments		¾" OD IRON PIPE FOUND ; DOWN 0.2" ; NOTE GOOD		MN148		101431.6478		48736.7192		212.913		332780.3311		159897.0530					
MN118		CLX_57		176+87.54		619.63		RT		332775.776		159627.317		701.61		IPIN		Existing Boundary Monuments		¾" IRON PIN FOUND ; UP 0.1" ; NOTE GOOD		MN118		101430.2593		48654.5036		213.852		332775.7756		159627.3172					
MN119		CLX_57		177+22.84		290.20		RT		332771.390		159296.032		694.10		IPID		Existing Boundary Monuments		¾" IRON PIN FOUND WITH CAP ; NAME K S ASSOCIATES ; DOWN 0.2" ; NOTE GOOD		MN119		1014													