

# **PROPOSED REINFORCEMENT TO THE ELECTRICAL DISTRIBUTION SYSTEM**

**132kV Overhead Line Between  
Legacy and Oswestry**

**Environmental Statement  
Volume 2 : Figures**



**PROPOSED REINFORCEMENT TO THE ELECTRICAL DISTRIBUTION SYSTEM**

**132kV OVERHEAD LINE BETWEEN LEGACY AND OSWESTRY**

**ENVIRONMENTAL STATEMENT VOLUME 2:  
FIGURES**

**April 2009**

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## ENVIRONMENTAL STATEMENT VOLUME 2: FIGURES

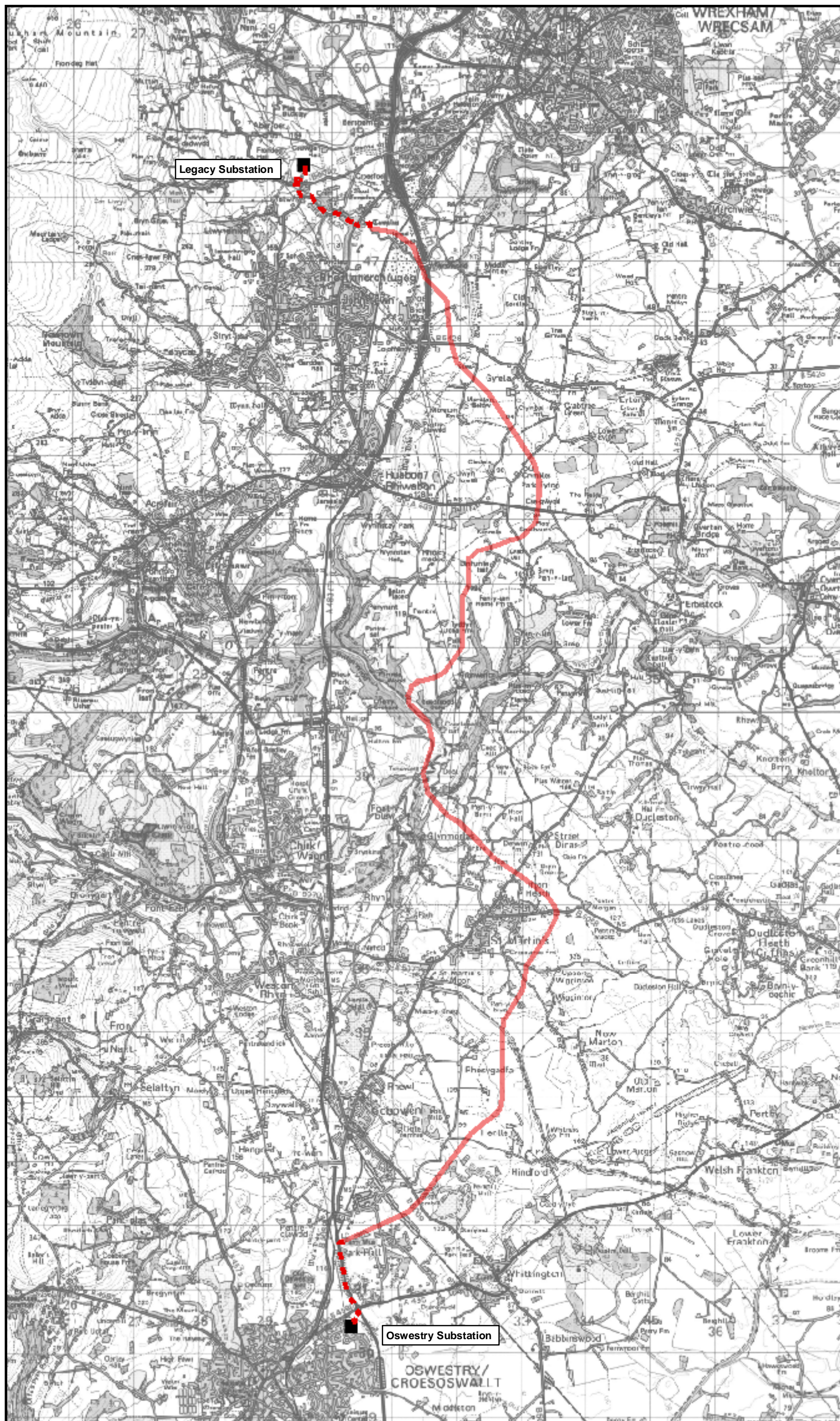
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## Key

### Proposed Route

-  132 kV Wood Pole Line  
 132 kV Underground cable

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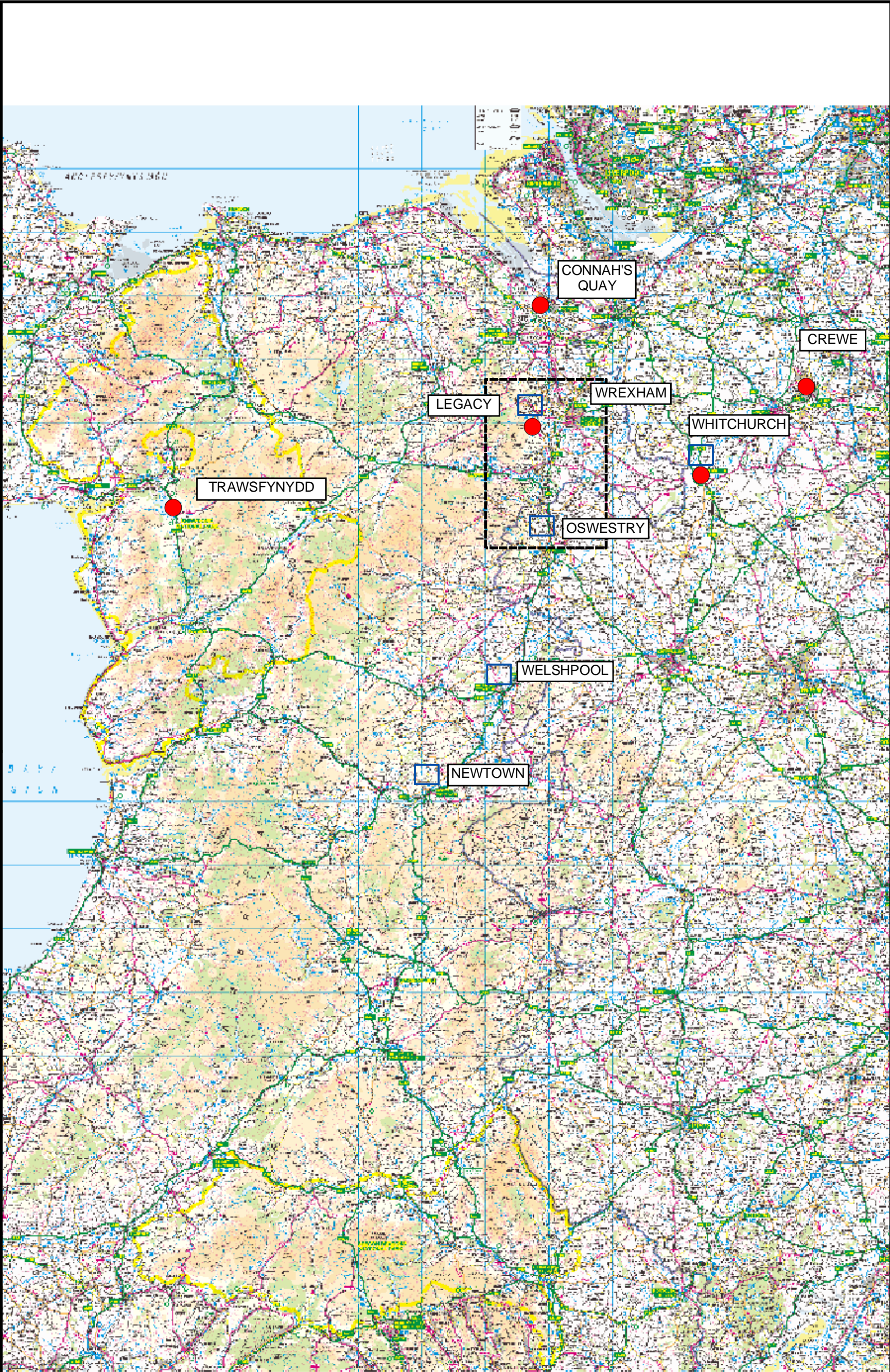
Legacy to Oswestry 132kV Overhead Line  
Environmental Statement

Figure No: 1.1

Drawing Title: Proposed Route

Scale: 0 0.5 1 1.5 Km





**Key**

- Study Area
- Possible supply points to area south of Wrexham
- Substations which transform 132 kV to 33 kV for wider distribution

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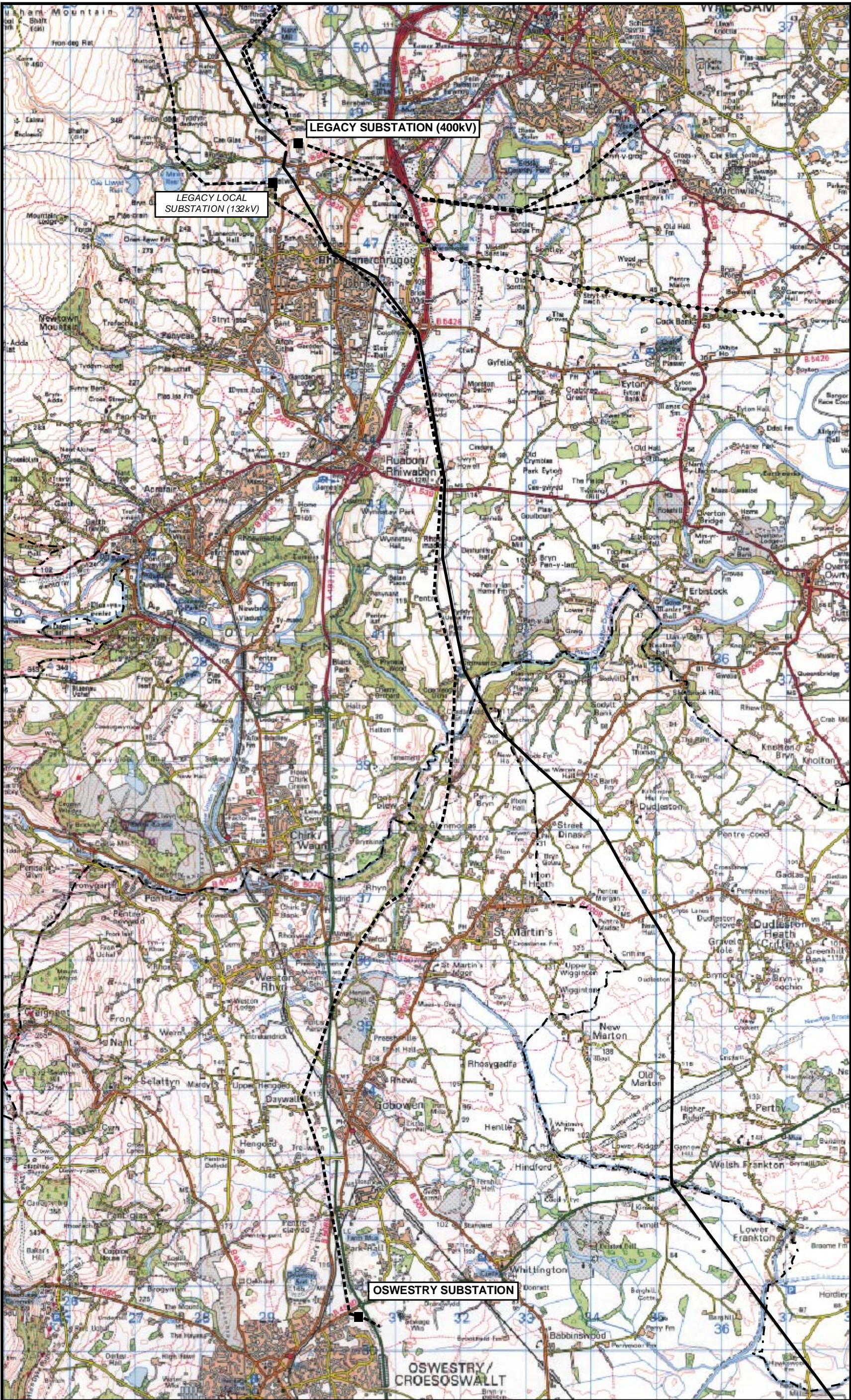
Legacy to Oswestry 132kV Overhead Line  
Environmental Statement

Figure No: 2.1

Drawing Title: Regional Context

Scale: 0 10 Km





**Key**

- - - Borough Boundaries

**Existing Overhead Lines**

- 400kV Lattice Overhead Line
- - - 132kV Lattice Overhead Line
- ... 132kV Portal Overhead Line

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Legacy to Oswestry 132kV Overhead Line  
Environmental Statement

Figure No:

2.2

Drawing Title:

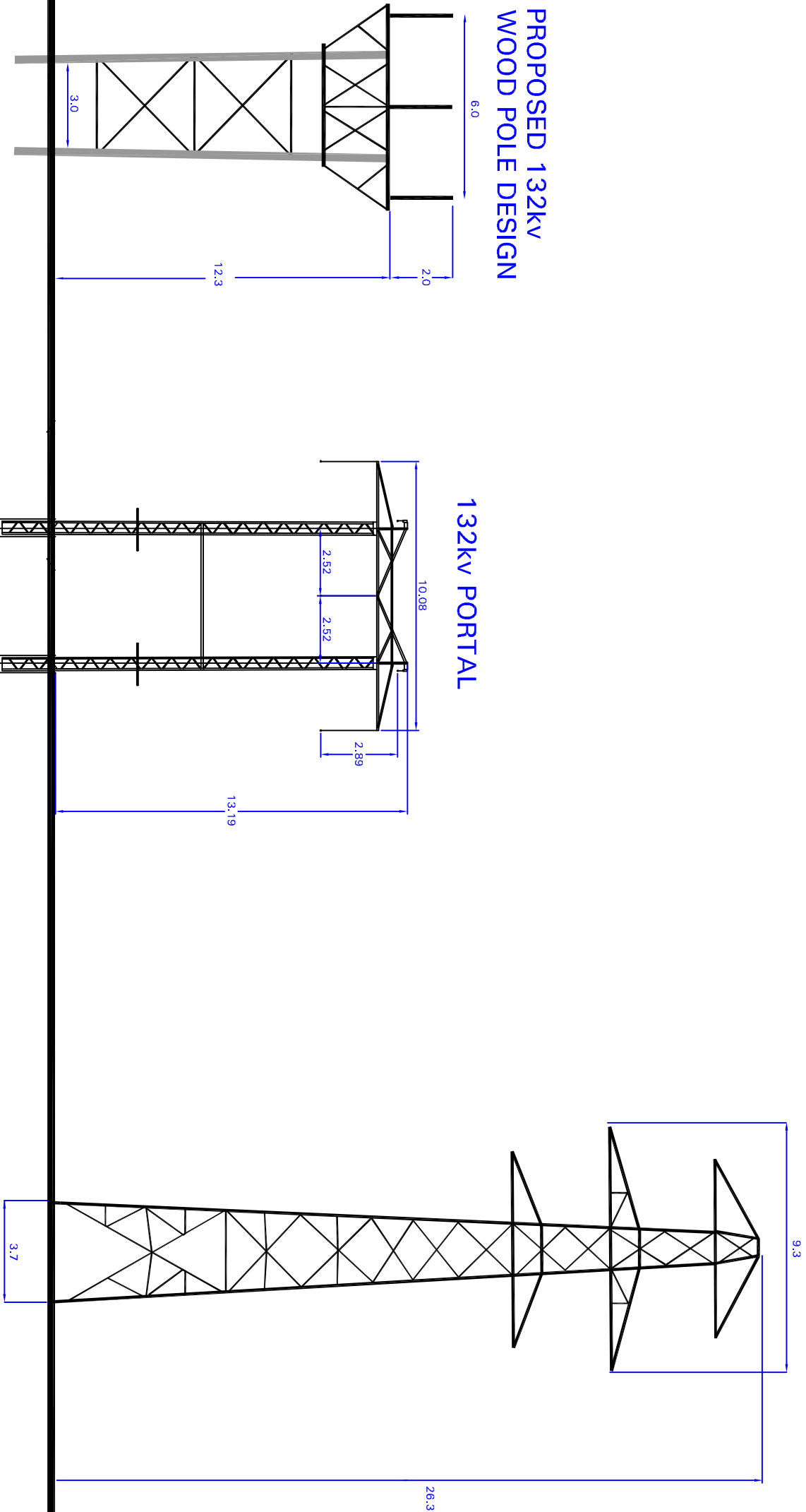
Existing Electrical System

Scale:

0 0.5 1 1.5 Km



132kV DOUBLE CIRCUIT LATTICE

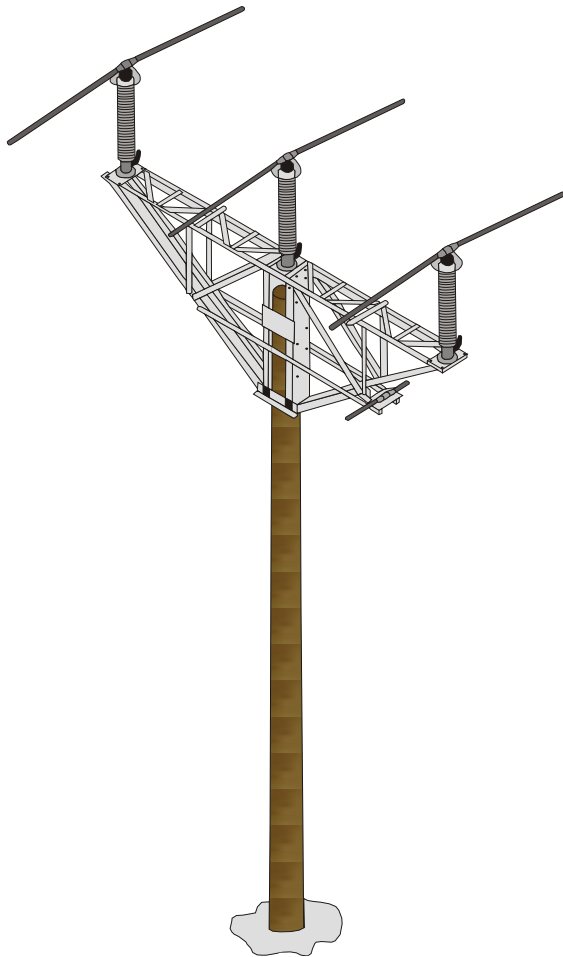


Up to 120m spacing  
(average 10 supports per km)

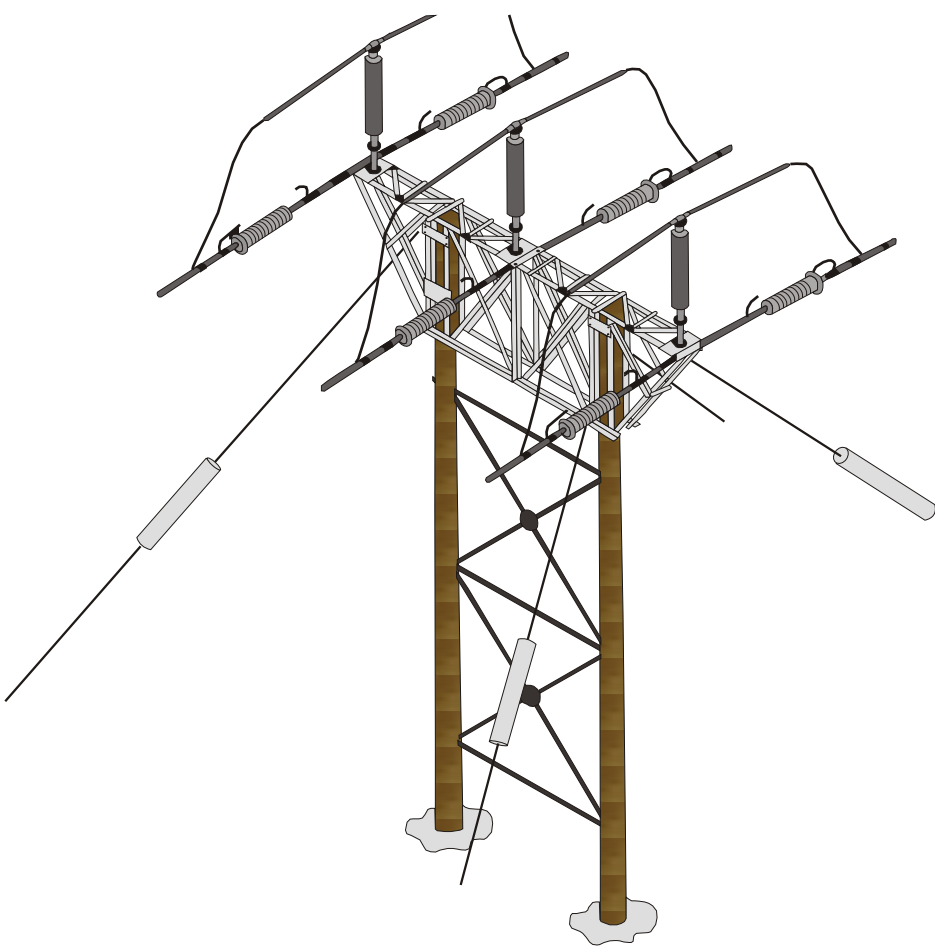
180-215m spacing  
(5 supports per km)

300m spacing  
(3 supports per km)

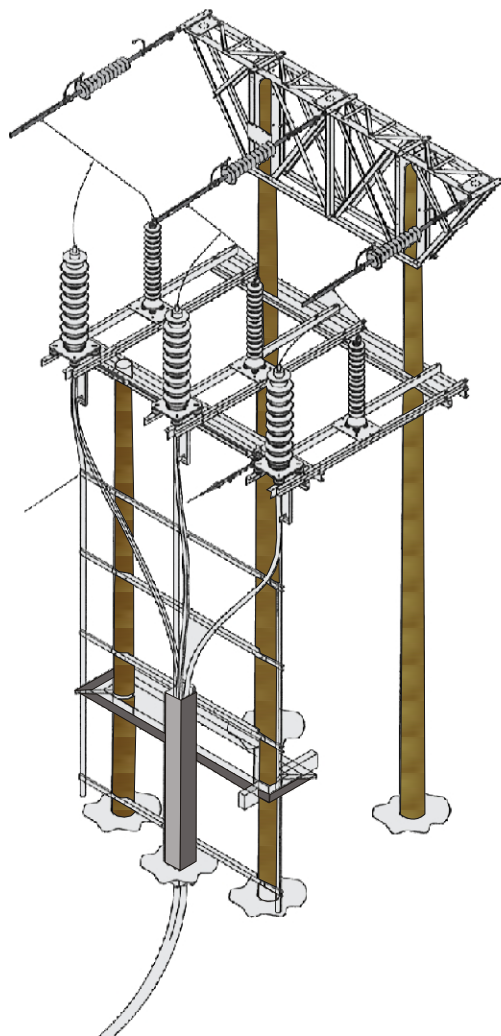
Single Pole



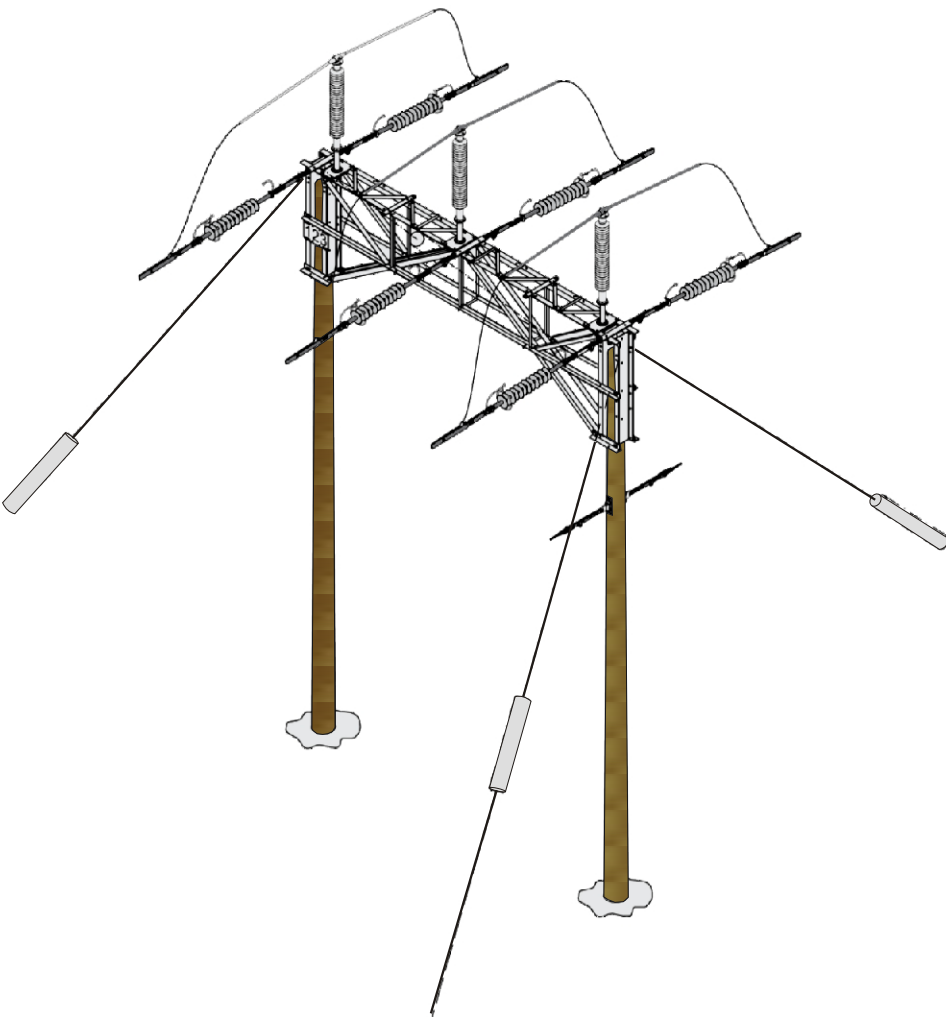
H Pole



Terminal Structure



Failure Containment Structure





1. H pole support type used in straight line situations



2. H pole support type used in straight line situations



3. Single pole (only used in straight line situations)



4. Failure containment structure



5. Section pole type; all have stays



6. Angle pole types; all have stays



7. Terminal (4 pole) structure; with stays



8. General view of this type of overhead line, recently constructed



Legacy to Oswestry 132kV Overhead Line  
Environmental Statement

Figure No: 4.3

Drawing Title: Photographs of Proposed  
Support Types

Scale: N/A

TEP Ref: C700.028A





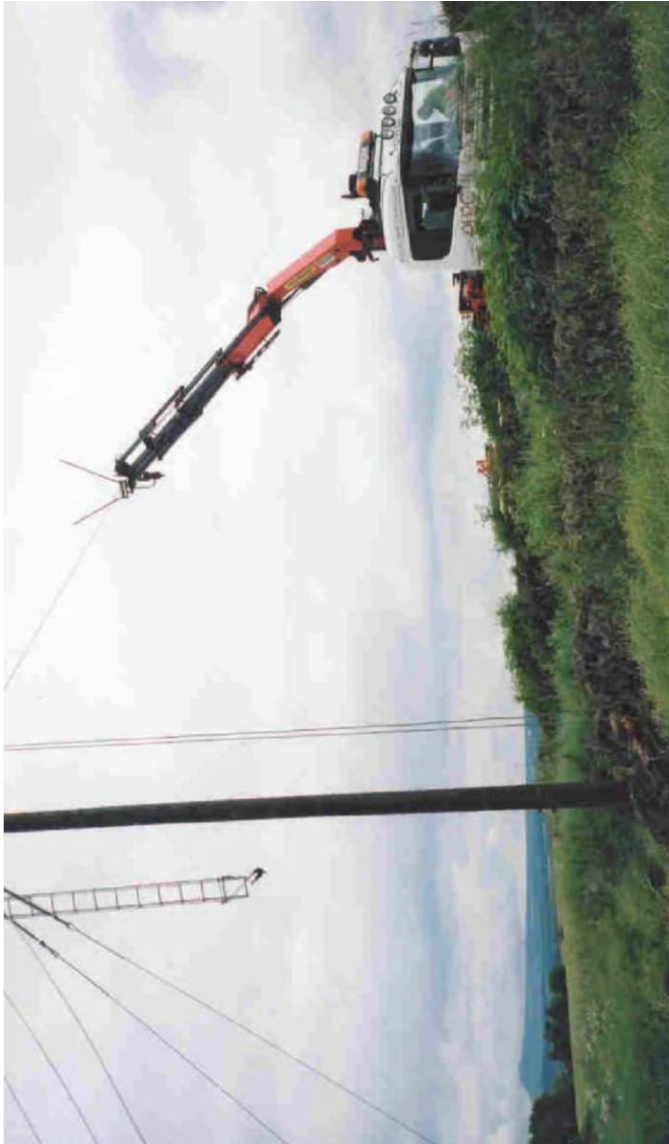
Legacy to Oswestry 132 kV Overhead Line  
Environmental Statement

Figure No: 4.4

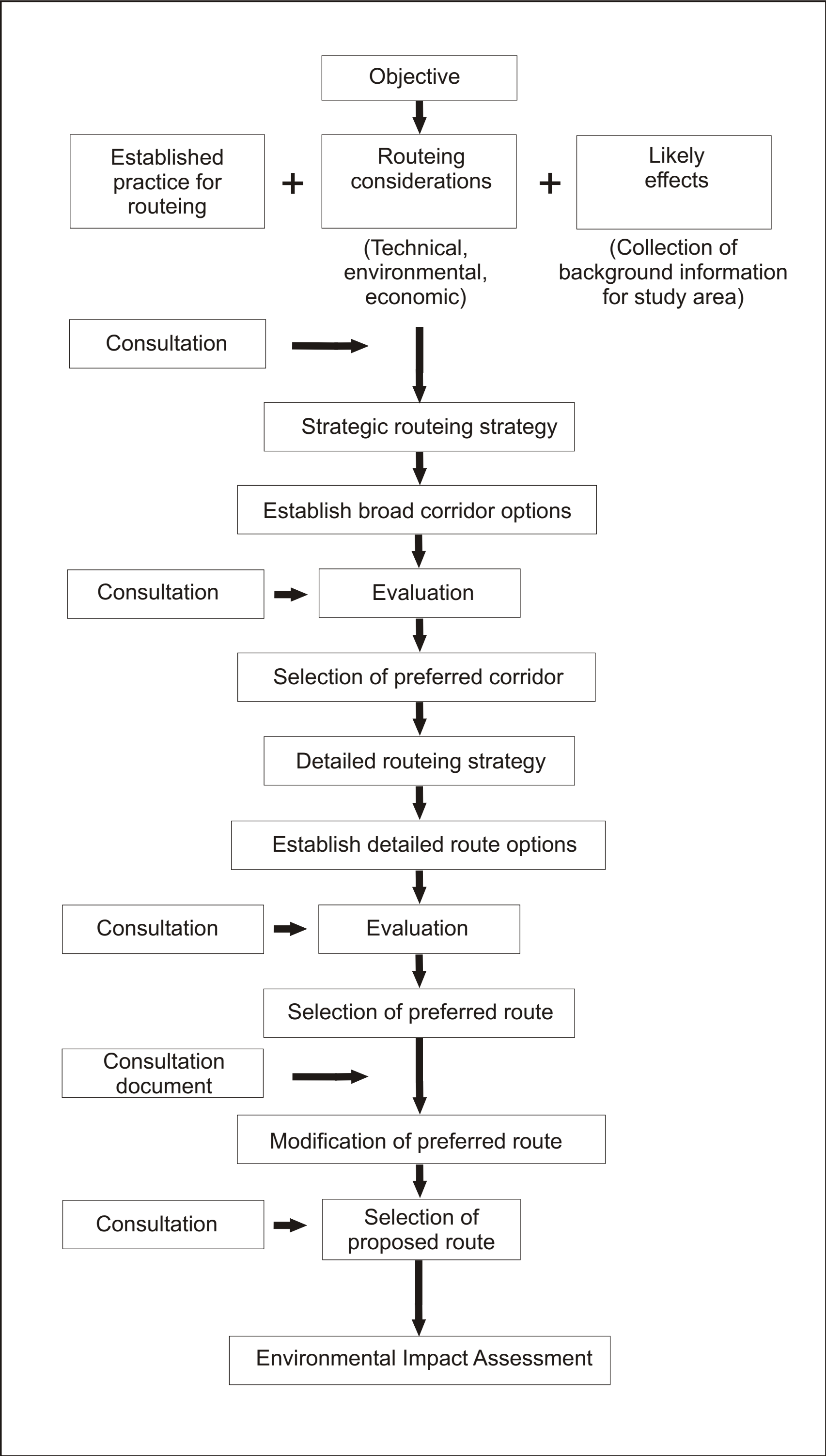
Typical Methods of  
Construction of Wood Pole Lines

n/a





	
Legacy to Oswestry 132 kV Overhead Line Environmental Statement	
Figure No:	4.4
Conductor Stringing at Road Crossings	
n/a	



Adapted from: *Strategic Routeing and Environmental Impact Assessment for Overhead Electrical Transmission Lines*. R Marshall and R Baxter. Journal of Environmental Planning and Management, 45 (5), 747-764, 2002.



Legacy to Oswestry 132kV Overhead Line  
Environmental Statement

Figure No: 5.1

Drawing Title:  
The Route Selection Process





Key  
- - Borough Boundaries

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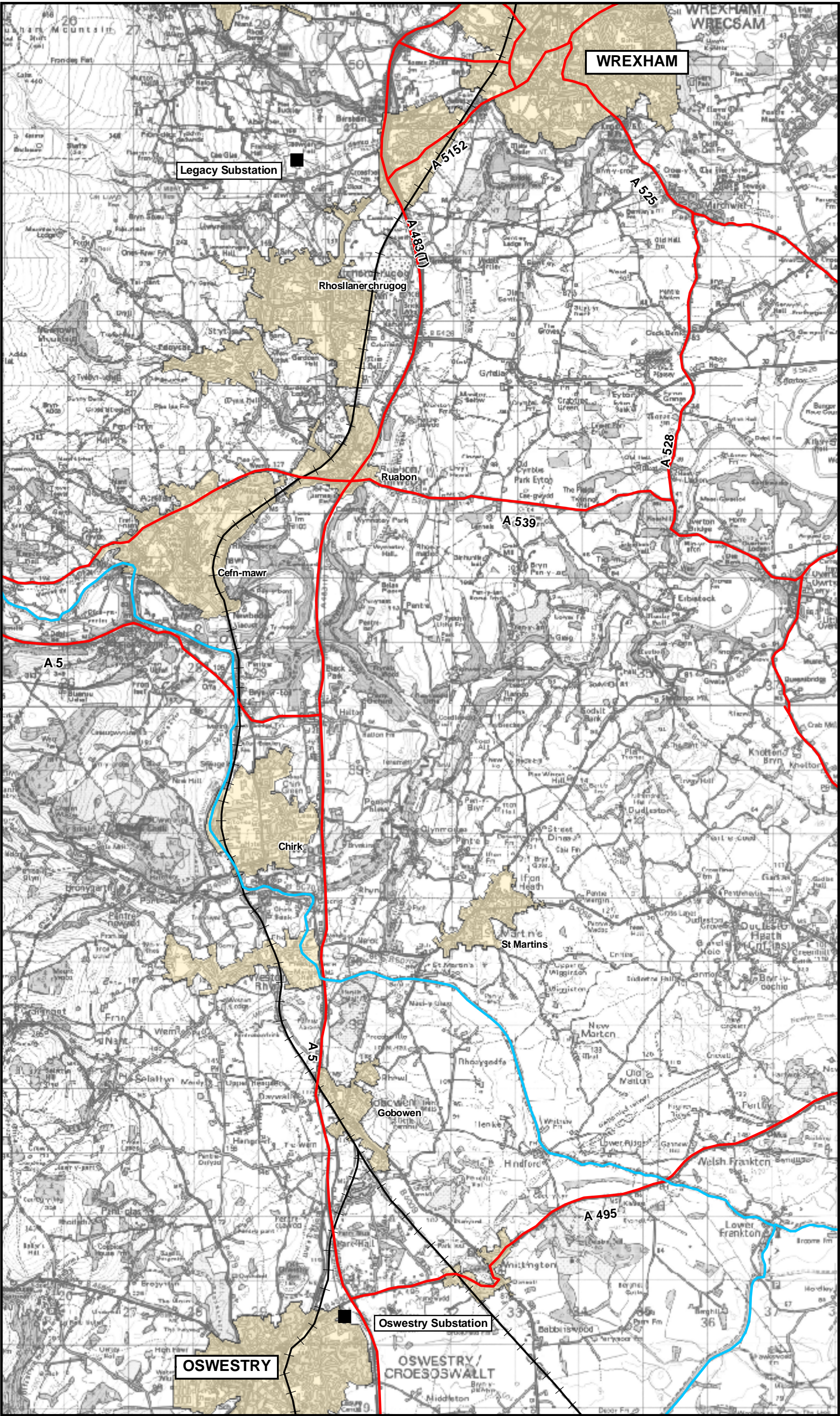
Legacy to Oswestry 132kV Overhead Line  
Environmental Statement

Figure No: 7.1

Drawing Title: Study Area

Scale: 0 0.5 1 1.5 Km





- Key
- Main Areas of Settlement
  - Rail
  - A-Roads
  - Shropshire Union Canal

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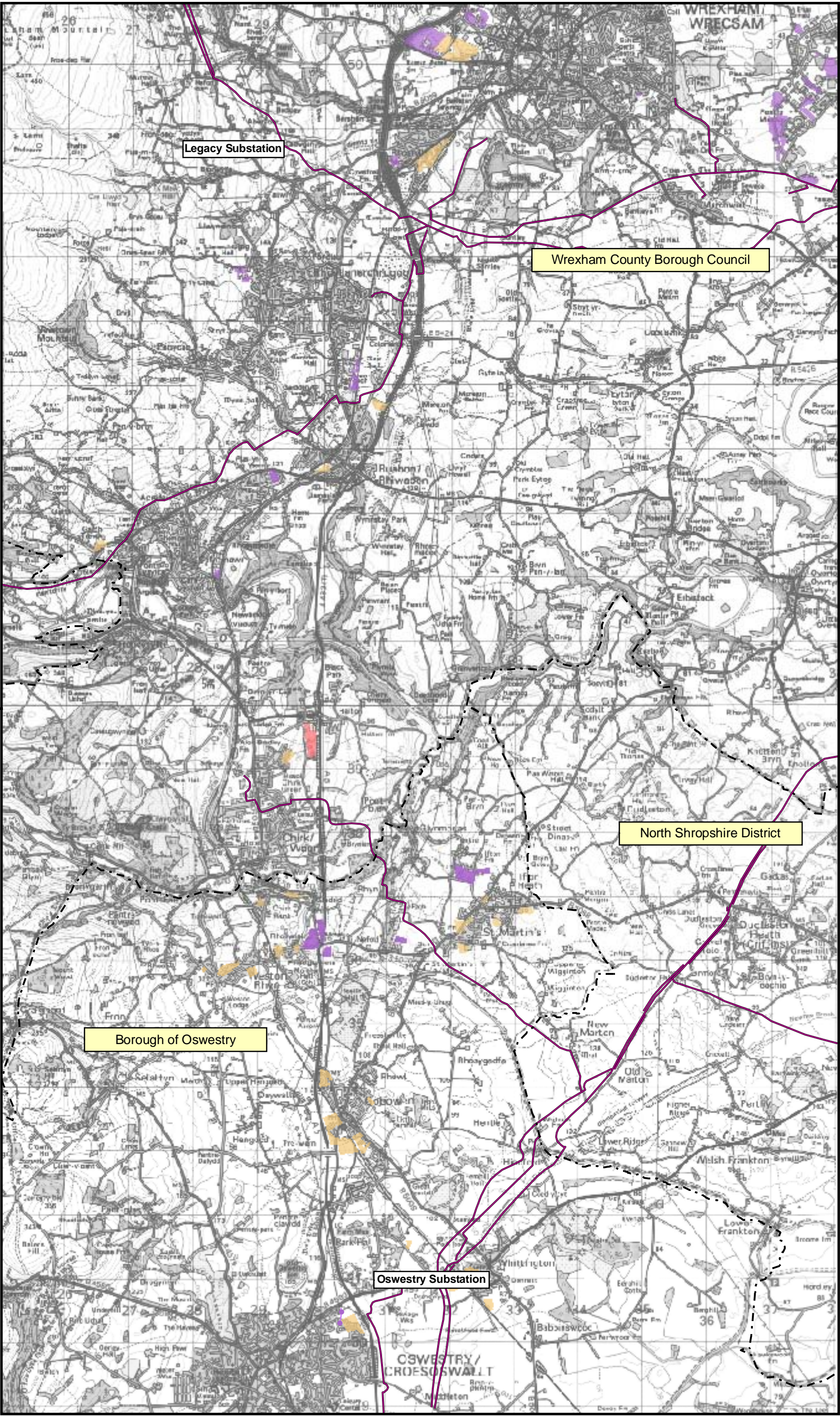
Legacy to Oswestry 132kV Overhead Line  
Environmental Statement

Figure No: 7.2

Drawing Title: Settlements and Infrastructure

Scale: 0 0.5 1 1.5 Km





**Key**

- Borough Boundaries
- Oswestry Proposed Road Route
- National Grid Gas Pipelines
- Housing Allocations
- Economic Development Sites
- Chirk Airfield

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Legacy to Oswestry 132kV Overhead Line  
Environmental Statement

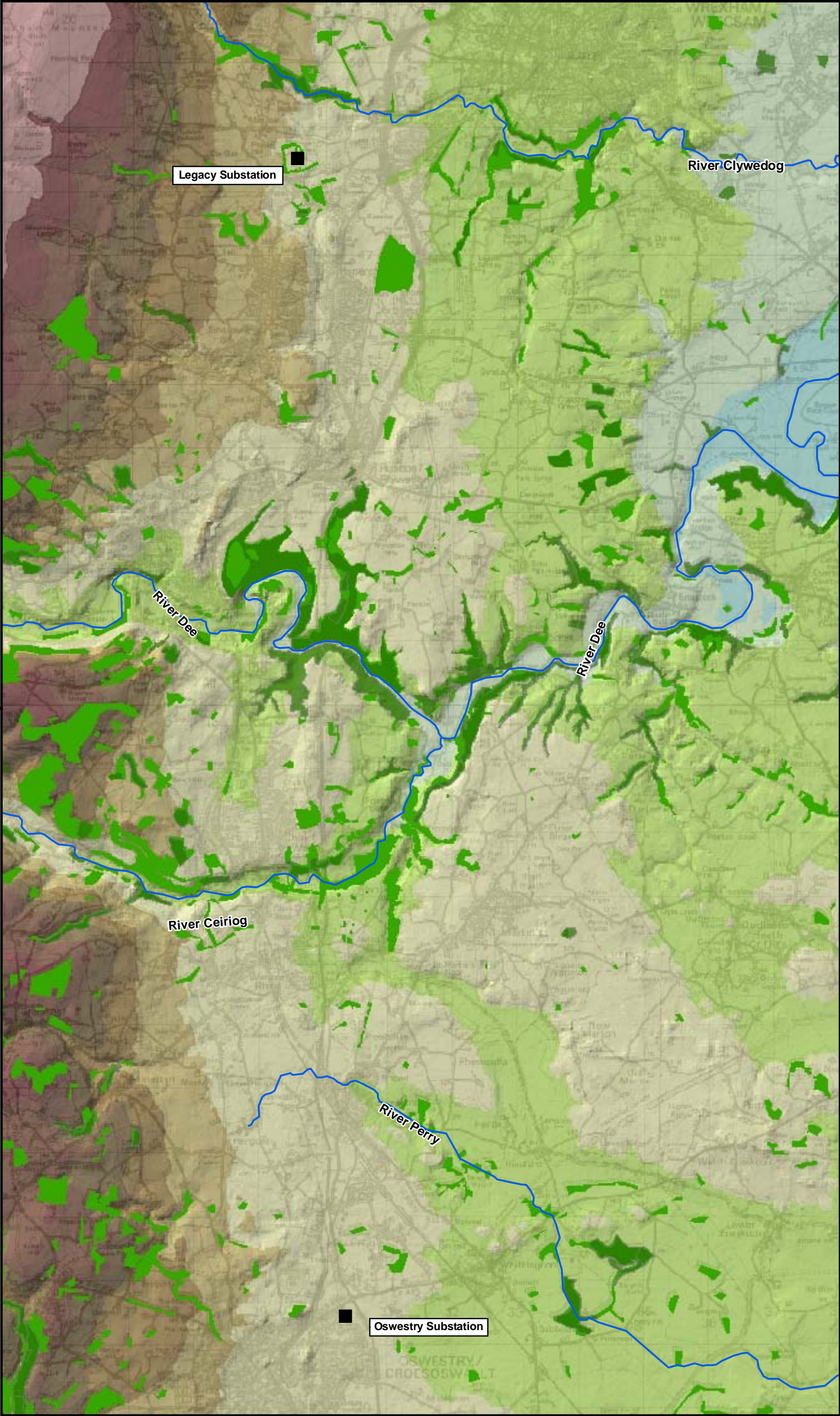
Figure No: 7.3

Drawing Title: Development Allocations and Consultation Zones

Scale: 0 0.5 1 1.5 Km

TEP Ref: D700.031 REV F





**Key**

Main Rivers

Ancient Woodlands

Other Woodland

**Land Height**

**Elevation**

0 - 24m

25 - 49m

50 - 99m

100 - 149m

150 - 199m

200 - 249m

250 - 299m

300 - 349m


350 - 399m

400 - 499m

500m +

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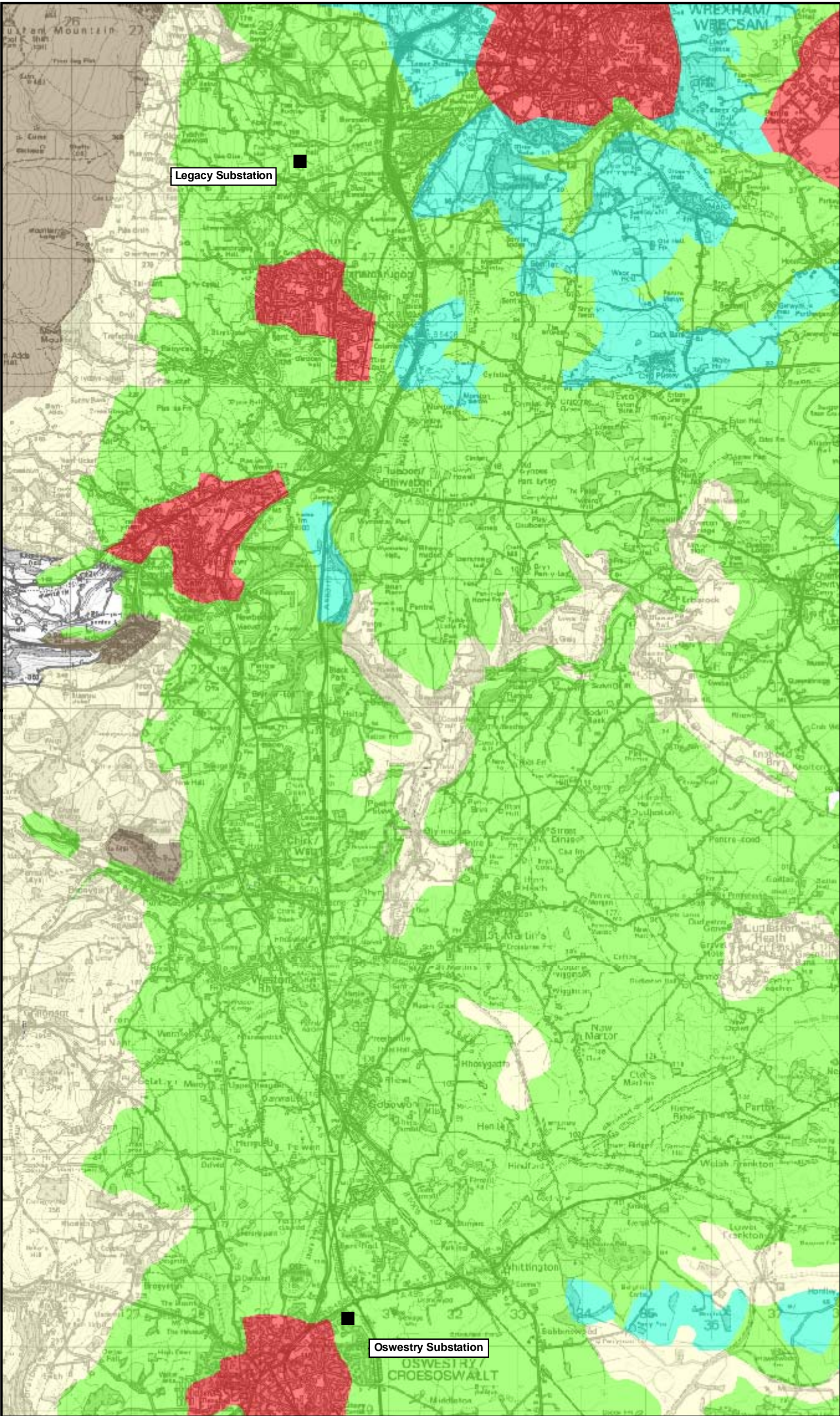
Legacy to Oswestry 132kV Overhead Line  
Environmental Statement

Figure No: 7.4

Drawing Title: Topography and Woodland

Scale: 0 0.5 1 1.5 Km





Key

Provisional Agricultural Land Classification

Grade 1

Grade 2

Grade 3

Grade 4

Grade 5

Urban

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Legacy to Oswestry 132kV Overhead Line  
Environmental Statement

Figure No:

7.5

Drawing Title:

Agricultural Land Classification

Scale:

0

0.5

1

1.5

Km









1. View westwards from south of Gyfelia, showing the gently rolling landscape of the Maelor, dotted with mature trees. (Landscape character type 13A, Welsh Maelor) Slopes of Ruabon Mountain are visible in the distance.



2. View northwestwards at Pont-y-blew, within the river Ceiriog Valley (Landscape character type 4B: River Ceiriog Valley)



3. View north over the Dee valley, towards Coedleoeedd. The open land on the north bank is one of few gaps in the well-wooded valley sides. (Landscape character type 12A: Dee/Ceiriog wooded valley)



4. Industrial plant west of Chirk village, with rising land of the Berwyn foothills beyond (Landscape character type 7A: Chirk, with views towards type 5A: Chirk estate above Froncysyllte.)



5. The wooded Ceiriog valley, south of Chirk Castle, looking eastwards along the B4500 (Landscape character type 4B: Ceiriog Valley Corridor)



6. The Shropshire Union Canal and flat, low-lying land east of New Marton. The area is sparsely settled; trees are primarily found in gappy hedgerows (Landscape character type: Lowland Moors)



7. Parkland character of Brogyntyn, west of Oswestry, with a view eastwards towards Old Oswestry Hill Fort (Landscape character type: Principal Settled Farmlands)



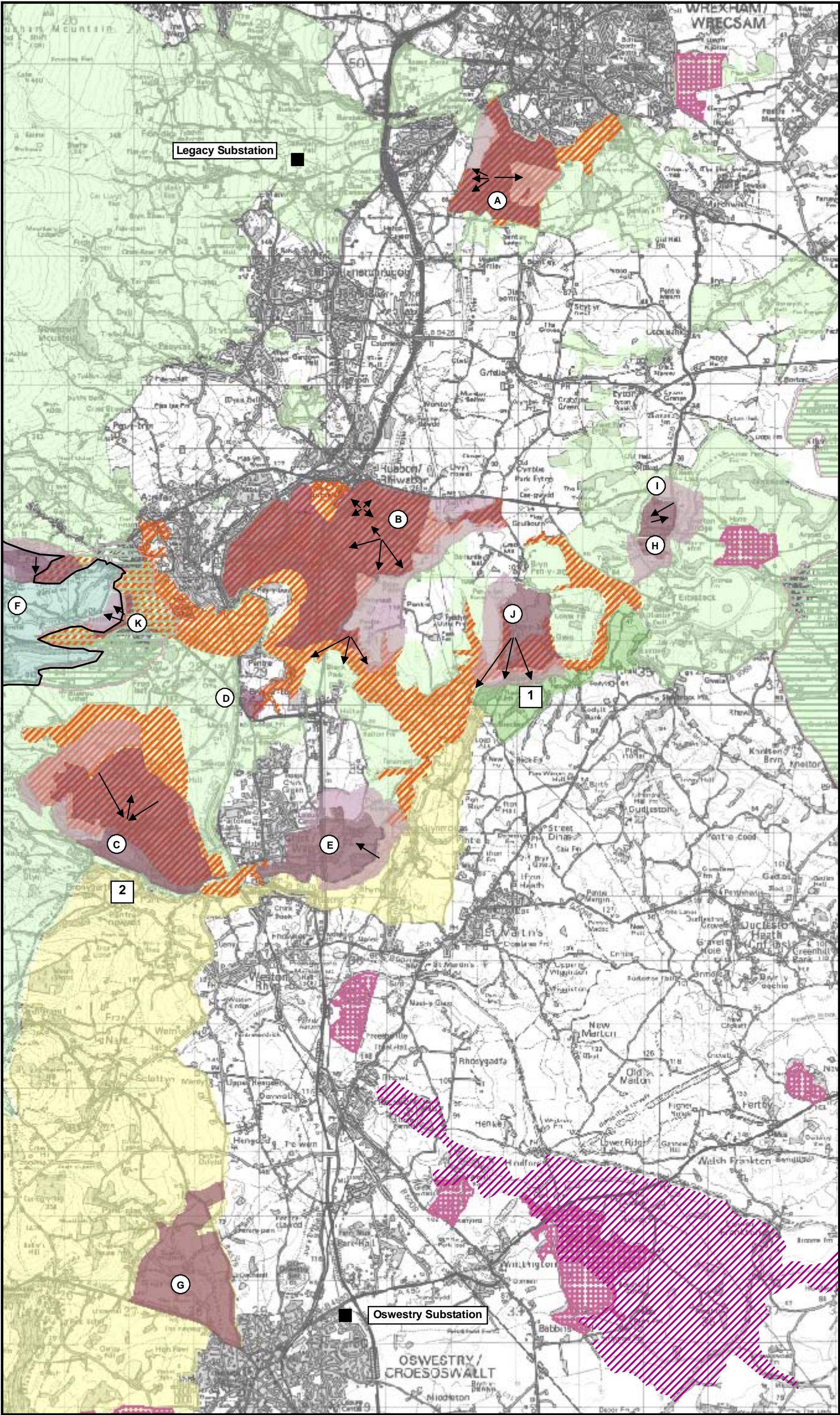
Legacy to Oswestry132kV Overhead Line  
Environmental Statement

Figure No: 7.7

Drawing Title: Landscape Character  
Photographs

Scale: N/a





**Key**

- Potential Area of Outstanding Natural Beauty (WCBC and DCC)
- Local Landscape Designations**
  - Area of Outstanding Beauty (DCC)
  - Area of Special Environmental Interest (NSDC)
  - Area of Special Landscape Character (OBC)
  - Special Landscape Area (WCBC)
- Historic Parks, Gardens and Landscapes**
  - Historic Park and Garden listed on English Heritage or CADW Register
  - Essential Setting to Historic Park or Garden
  - Significant Views (identified within Register)
  - Other Parkland Estates (identified from O.S. maps)
  - Landscape Identified in Register of Landscapes of Special Historic Interest in Wales
- Areas Identified as of 'Outstanding' Visual Quality (Wrexham Landmap 2004)
- Landscape of High Overall Sensitivity identified in Shropshire CC Landscape Character draft 2003

**Local Landscape Designations**

- Dee Valley
- Ceiriog Valley

**Historic Parks and Gardens**

- A Erddig
- B Wynnstay
- C Chirk Castle
- D Whitehurst
- E Brynkinalt
- F Trevor Hall
- G Brogyntyn Hall
- H Erbstock Hall
- I Rosehill
- J Pen-y-Lan
- K Argoed Hall

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Legacy to Oswestry 132kV Overhead Line Environmental Statement

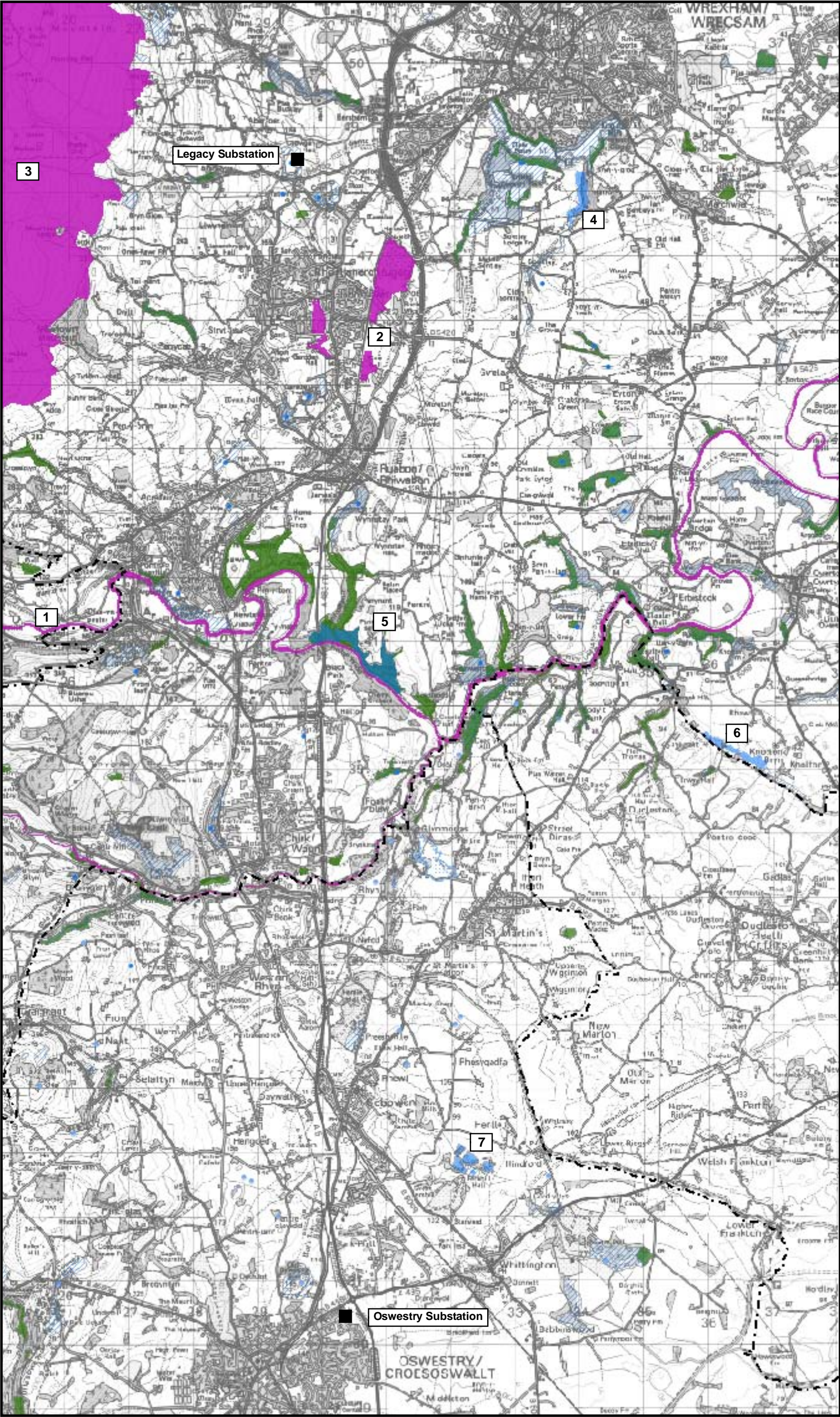
Figure No: 7.8

Drawing Title: Landscape Designations

Scale: 0 0.5 1 1.5 Km

TEP Ref: D700.039 F





- Key**
- Borough Boundaries
  - Special Area of Conservation (SAC)
  - Sites of Special Scientific Interest (SSSI)
  - Wildlife Sites of County Importance
  - Wildlife Sites of County Importance located by Point Reference Only
  - Sites of Local Nature Conservation Value (England Only)
  - Local Nature Reserve
  - Ancient Semi Natural Woodland

- Special Area of Conservation (SAC)**
1. River Dee and Bala Lake (also Afon Dyfrdwy and River Dee SSSI's)
  2. Johnstown Newt Sites (also Stryt Lar A'r Hafod SSSI)
  3. Berwyn and South Clwyd (also Ruabon and Llantysilio mountain and Minera SSSI)

- Sites of Special Scientific Interest (SSSI's)**
4. Sontley Marsh (Wrexham)
  5. Nant-y-Belan and Prynella Woods (Wrexham)
  6. Shell Brook Pastures (Wrexham)
  7. Fernhill Pastures (Shropshire)

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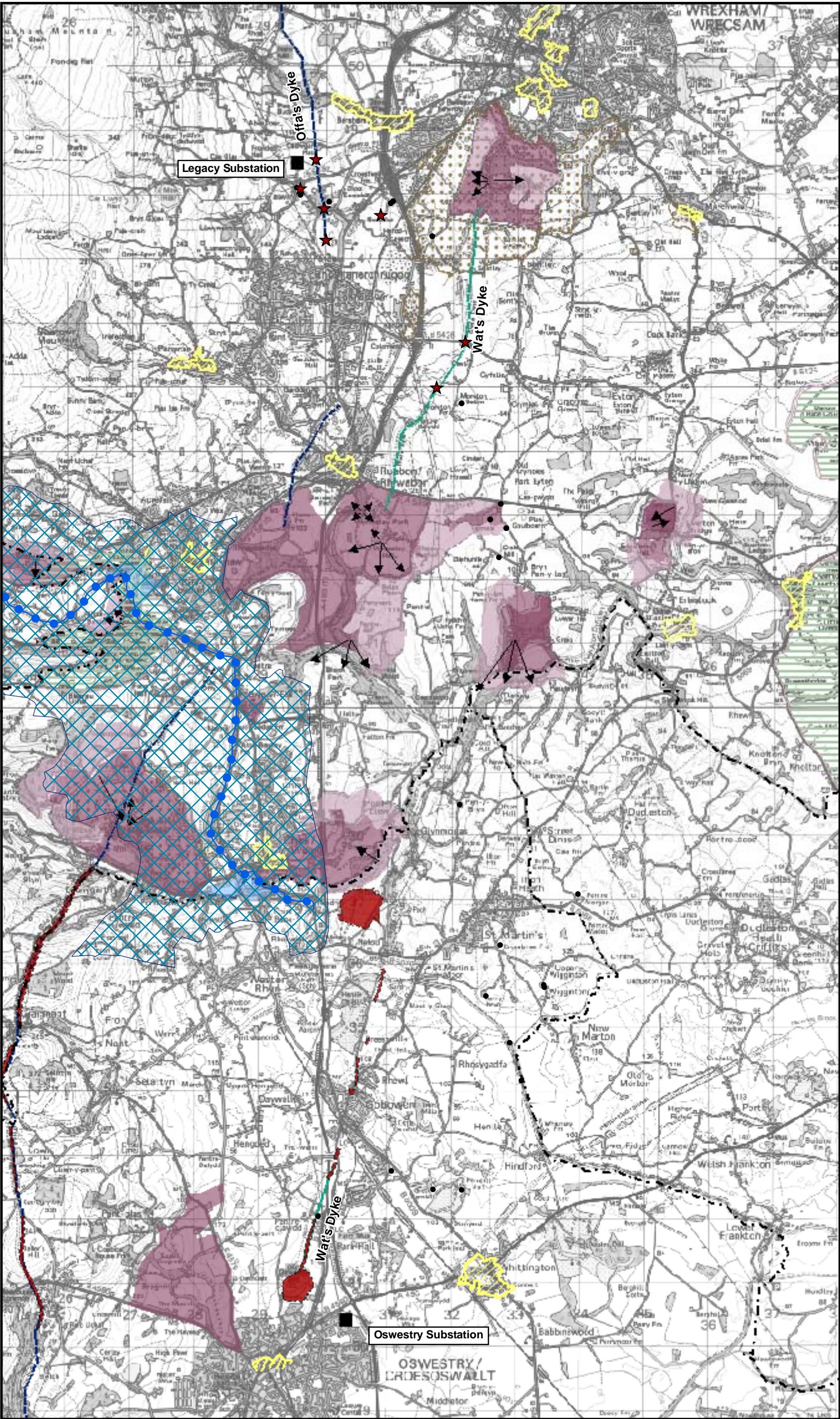
Legacy to Oswestry 132kV Overhead Line  
Environmental Statement

Figure No: 7.9

Drawing Title: Nature Conservation

Scale: 0 0.5 1 1.5 Km





**Key**

Borough Boundaries

Scheduled Monuments (Point Defined)

Scheduled Monuments (Area Defined)

Listed Buildings

Wat's Dyke (Visible Linear Earthwork)

Offa's Dyke (Visible Linear Earthwork)

Conservation Areas

National Trust Land

Landscapes of Special Historic Interest in Wales

Proposed World Heritage Site

Proposed World Heritage Site Buffer Zone

**Historic Parks, Gardens and Landscapes**

Historic Park and Garden

Historic Park and Garden Essential Setting

Historic Park and Garden Significant Views

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Legacy to Oswestry 132kV Overhead Line Environmental Statement

Figure No:

7.10

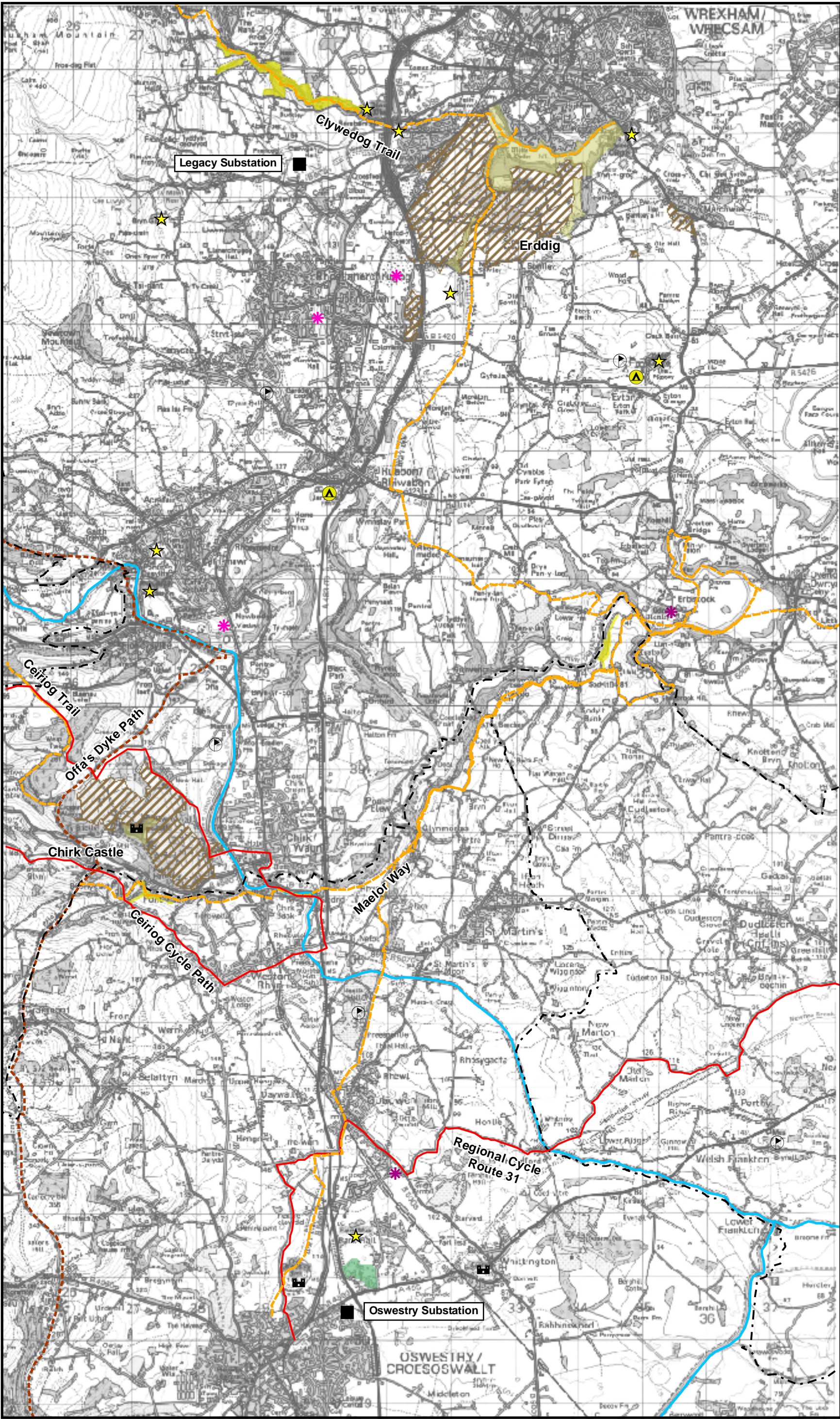
Drawing Title:

Cultural Heritage

Scale:

0 0.5 1 1.5 Km





- Key**
- Borough Boundaries
  - National Trust Land: Open to the Public
  - ▨ National Trust Land: Private
  - Other 'Access' Land
  - Shropshire Union Canal
  - Offa's Dyke Path (National Trail)
  - Recreational Paths
  - Signed Cycle Route
  - ✱ Country Parks
  - 🏰 Castles / Fort
  - ⛳ Golf Courses
  - ⛺ Campsites / Caravan Sites
  - ✱ Gardens Open to the Public
  - 🌿 Oswestry Showground
  - ★ Other Visitor Attractions

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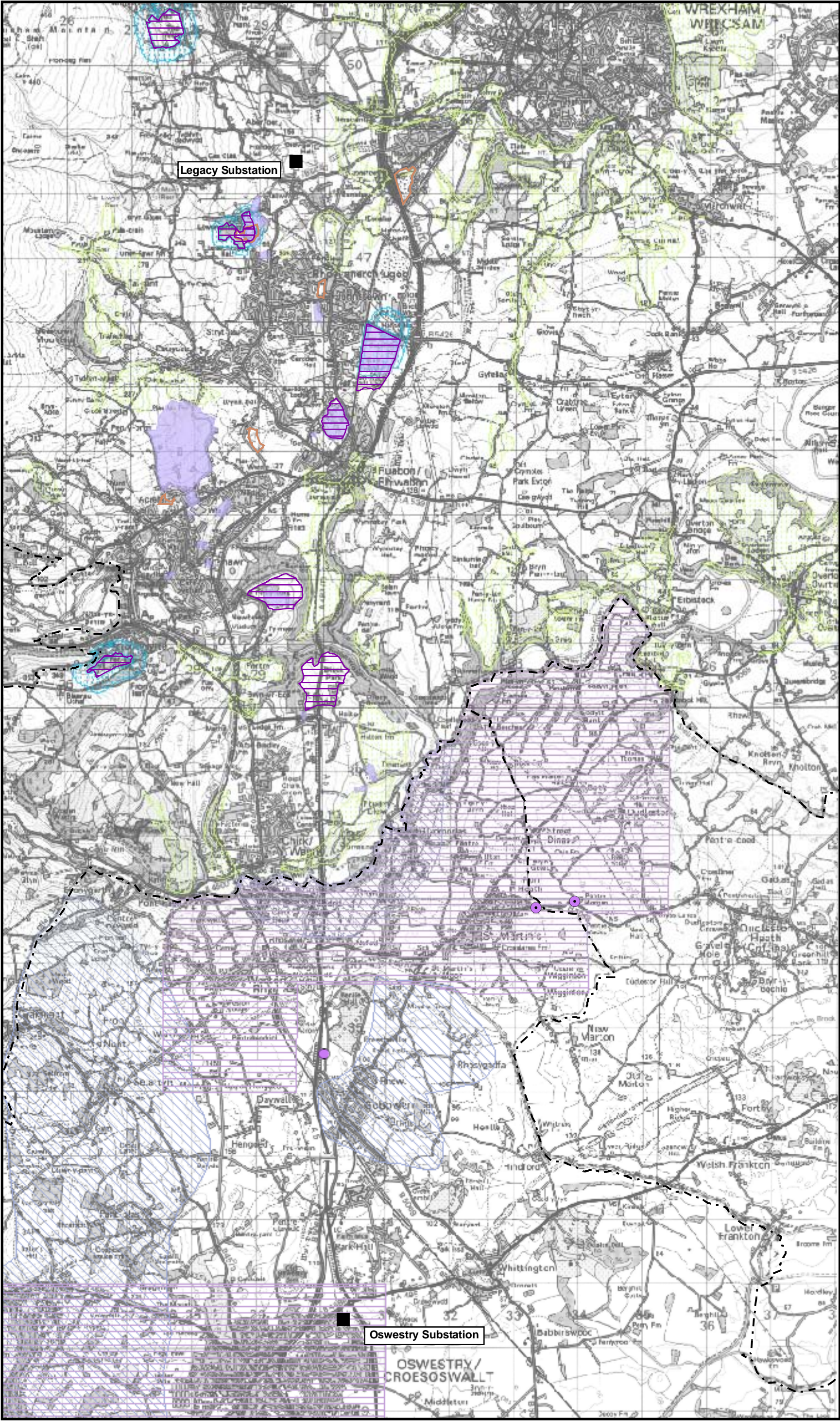
Legacy to Oswestry 132kV Overhead Line  
Environmental Statement

Figure No: 7.11  
Drawing Title: Recreation and Tourism

Scale: 0 0.5 1 1.5 Km

TEP Ref: D700.038 REV E





**Key**

Borough Boundaries

Mineral Sites (WCBC)

Mineral Buffer Zones (WCBC Policy MW11)

Protection of Mineral Resources (WCBC Policy MW9)

Landfill Sites (WCBC)

Land Reclamation Sites extracted from Wrexham UDP (public dep.ed.Mar 2000)

Existing Waste Management Facilities (Landfill) Shropshire Waste Plan

Historical Landfill Sites (Shropshire)

Coal Consultation Area: (Extracted from Shropshire Minerals Local Plan)

Mineral Consultation Area: (Extracted from Shropshire Minerals Local Plan)

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Legacy to Oswestry 132kV Overhead Line Environmental Statement

Figure No:

7.12

Drawing Title:

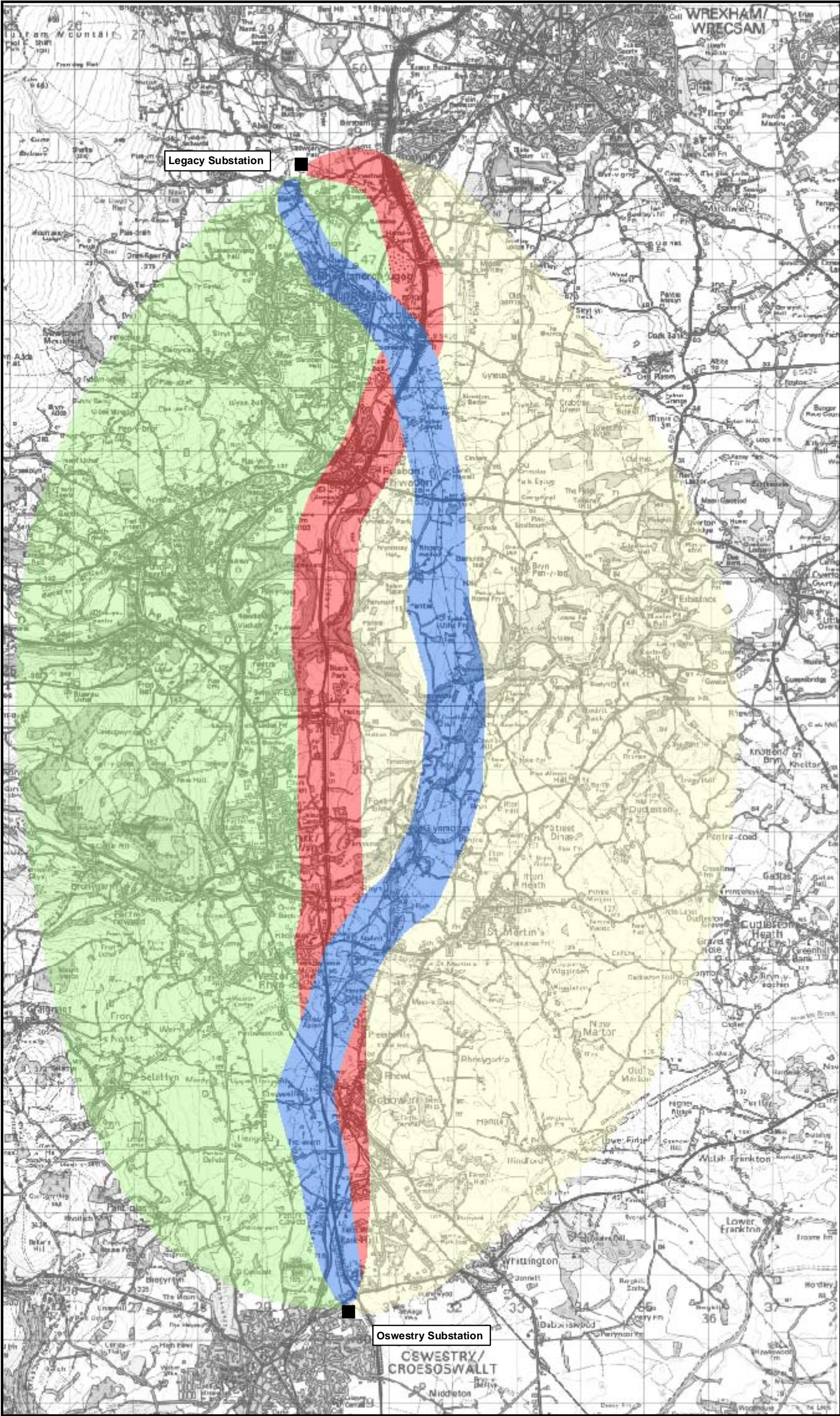
Mineral Resources

Scale:

0 0.5 1 1.5 Km

TEP Ref: D700.042 REV E





**Key**

- Option 1 - East of A483(T)/A5
- Option 2 - West of A483(T)/A5
- Option 3 - Following main north south infrastructure corridor
- Option 4 - Paralleling existing 132kV lattice overhead line

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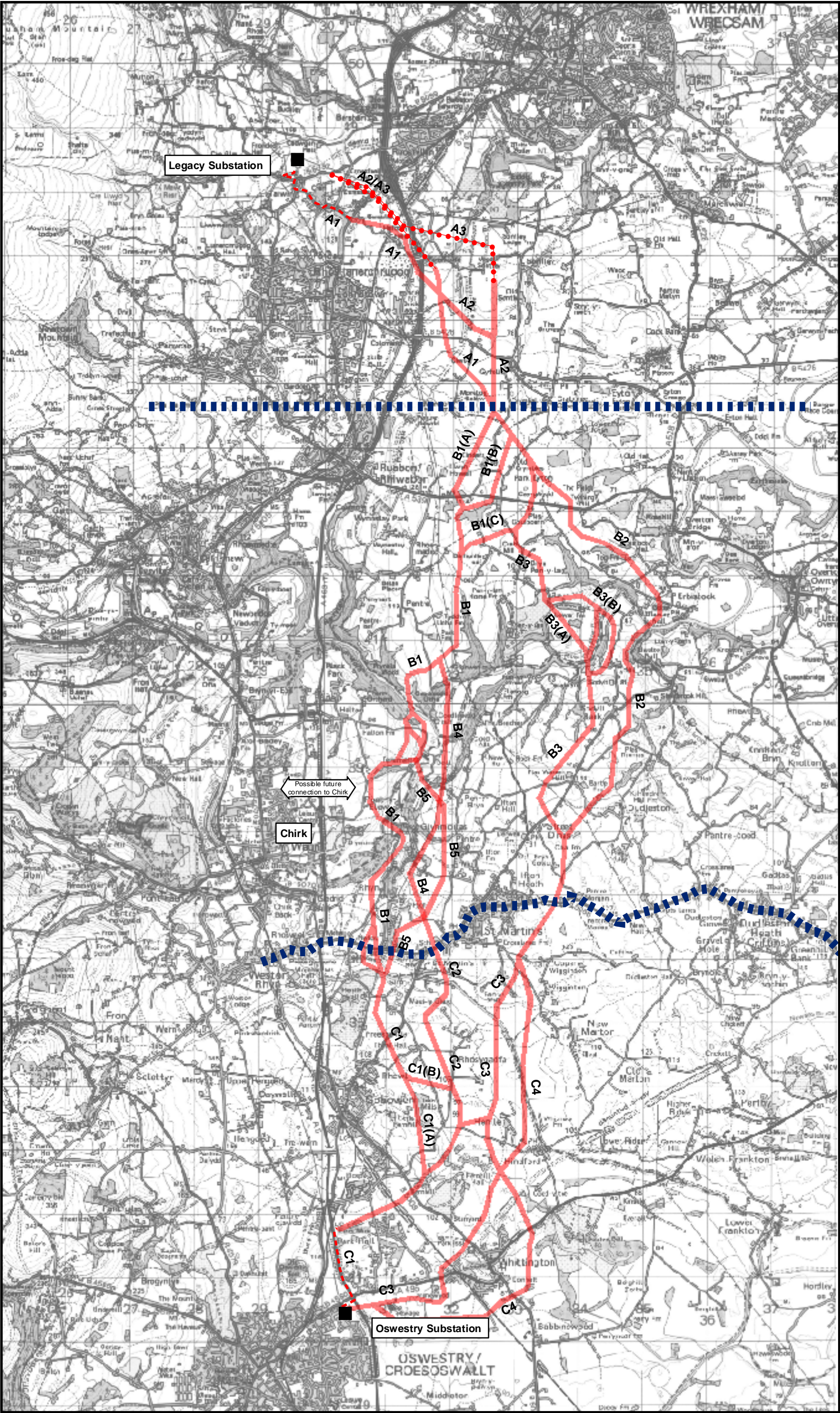
Legacy to Oswestry 132kV Overhead Line  
Environmental Statement

Figure No: 8.1

Drawing Title: Broad Route Options

Scale: 0 0.5 1 1.5 Km





Key

Proposed Legacy Oswestry Route Options

132kV Underground Cable

132kV Lattice Overhead Line

132kV Wood Pole Line

Boundaries

Zone Boundaries

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Legacy to Oswestry 132kV Overhead Line Environmental Statement

Figure No:

9.1

Drawing Title:

Detailed Route Options

Scale:

0

0.5

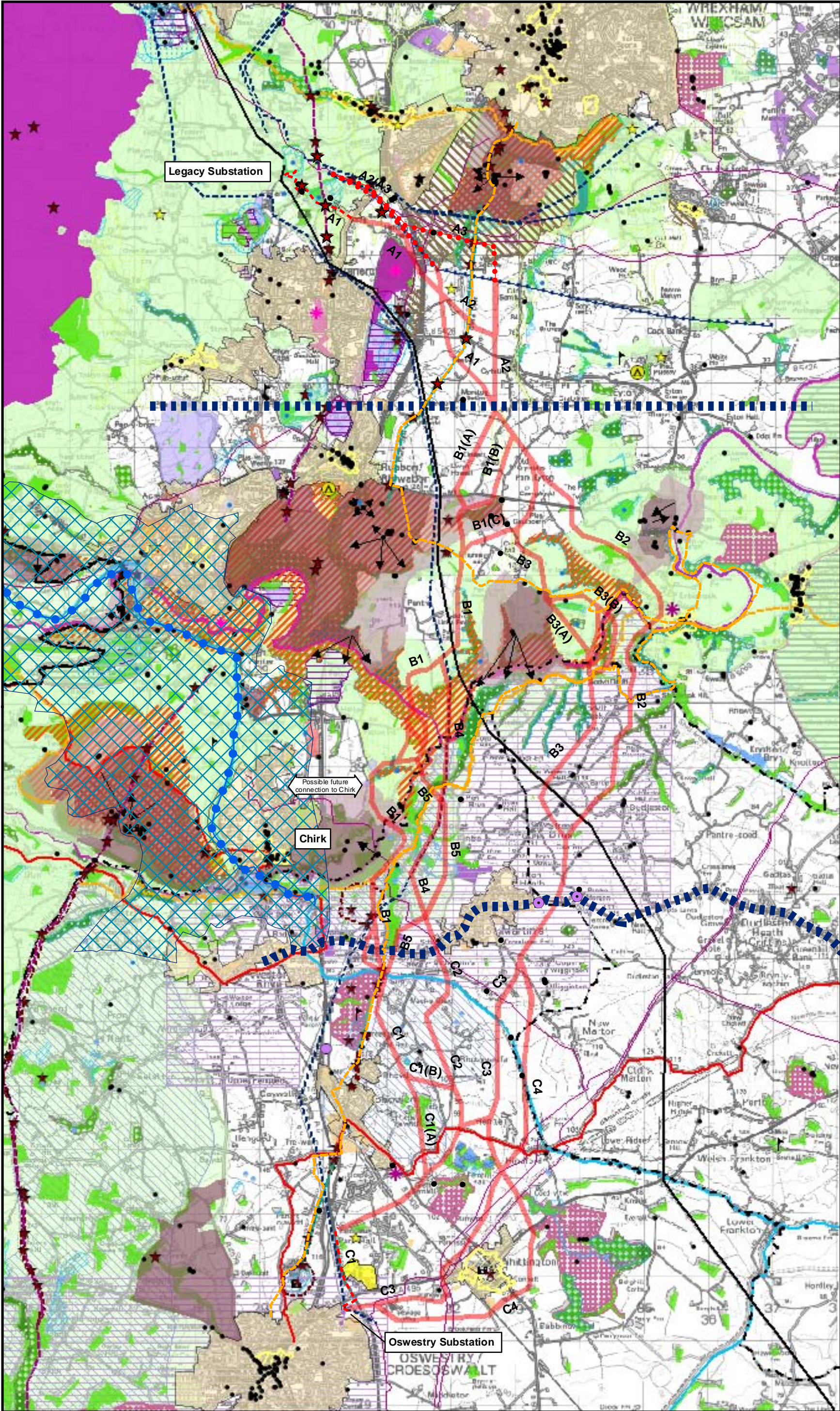
1

1.5

Km

TEP Ref: D700.050 REV F





**Key**  
**Proposed Legacy Oswestry Route Options**  
- - - 132kV Underground Cable  
- - - 132kV Lattice Overhead Line  
- - - 132kV Wood Pole Line  
**Existing Overhead Lines**  
- - - 400kV Lattice Overhead Line  
- - - 132kV Lattice Overhead Line  
- - - 132kV Portal Overhead Line  
**Boundaries**  
- - - Zone Boundaries  
- - - Borough Boundaries  
**Environmental Constraints**  
- - - Main Areas of Settlement  
**Cultural Heritage**  
- - - Scheduled Monuments  
- - - Offa's Dyke (Visible Linear Earthwork)  
- - - Wat's Dyke (Visible Linear Earthwork)  
- - - Conservation Areas  
- - - Listed Buildings  
- - - Registered Historic Park, Garden or Landscape  
- - - Essential Setting (to Registered Park or Garden)  
- - - Important Views (within/from Registered Park or Garden)  
- - - Other Parkland Estates  
- - - Landscapes of Special Historic Interest in Wales  
- - - Proposed World Heritage Site  
- - - Proposed World Heritage Site Buffer Zone  
**Landscape Designations**  
- - - Potential Area of Outstanding Natural Beauty (AONB)  
- - - Locally Designated Landscape (AOB, ASEI, ASLC, SLA)  
- - - Areas of Outstanding visual quality (Wrexham only)  
**Nature Conservation**  
- - - SAC  
- - - SSSI  
- - - Wildlife Sites of County Importance (located by Point Reference Only)  
- - - Wildlife Sites of County Importance  
- - - Sites of Local Nature Conservation Value (England Only)  
- - - Local Nature Reserve  
- - - Semi-natural Ancient Woodland  
- - - Ancient Woodlands (other than semi-natural)  
- - - Other Woodland  
**Recreation and Tourism**  
- - - National Trust Land: open to the public  
- - - National Trust Land: private  
- - - Other 'Access' Land  
- - - National Trail: Offa's Dyke Path  
- - - Shropshire Union Canal  
- - - Recreational Paths  
- - - Signed Cycle Route  
- - - Country Parks  
- - - Golf Courses  
- - - Castles / Fort  
- - - Campsites / Caravan Sites  
- - - Oswestry Showground  
- - - Other Visitor Attractions  
- - - Garden Open to the Public  
**Mineral Resources**  
- - - Mineral Sites (WCBC)  
- - - Mineral Buffer Zones (WCBC Policy MW11)  
- - - Protection of Mineral Resources (WCBC Policy MW9)  
- - - Landfill Sites (WCBC)  
- - - Land Reclamation Sites (WCBC)  
- - - Existing Landfill (Shropshire)  
- - - Historical Landfill Sites (Shropshire)  
- - - Coal Consultation Area: (Extracted from Shropshire Minerals Local Plan)  
- - - Mineral Consultation Area: (Extracted from Shropshire Minerals Local Plan)  
**Development Allocations and Consultation Zones**  
- - - Oswestry Proposed Road Route  
- - - National Grid Gas Pipelines  
- - - Housing Allocations  
- - - Economic Development Sites  
- - - Chirk Airfield

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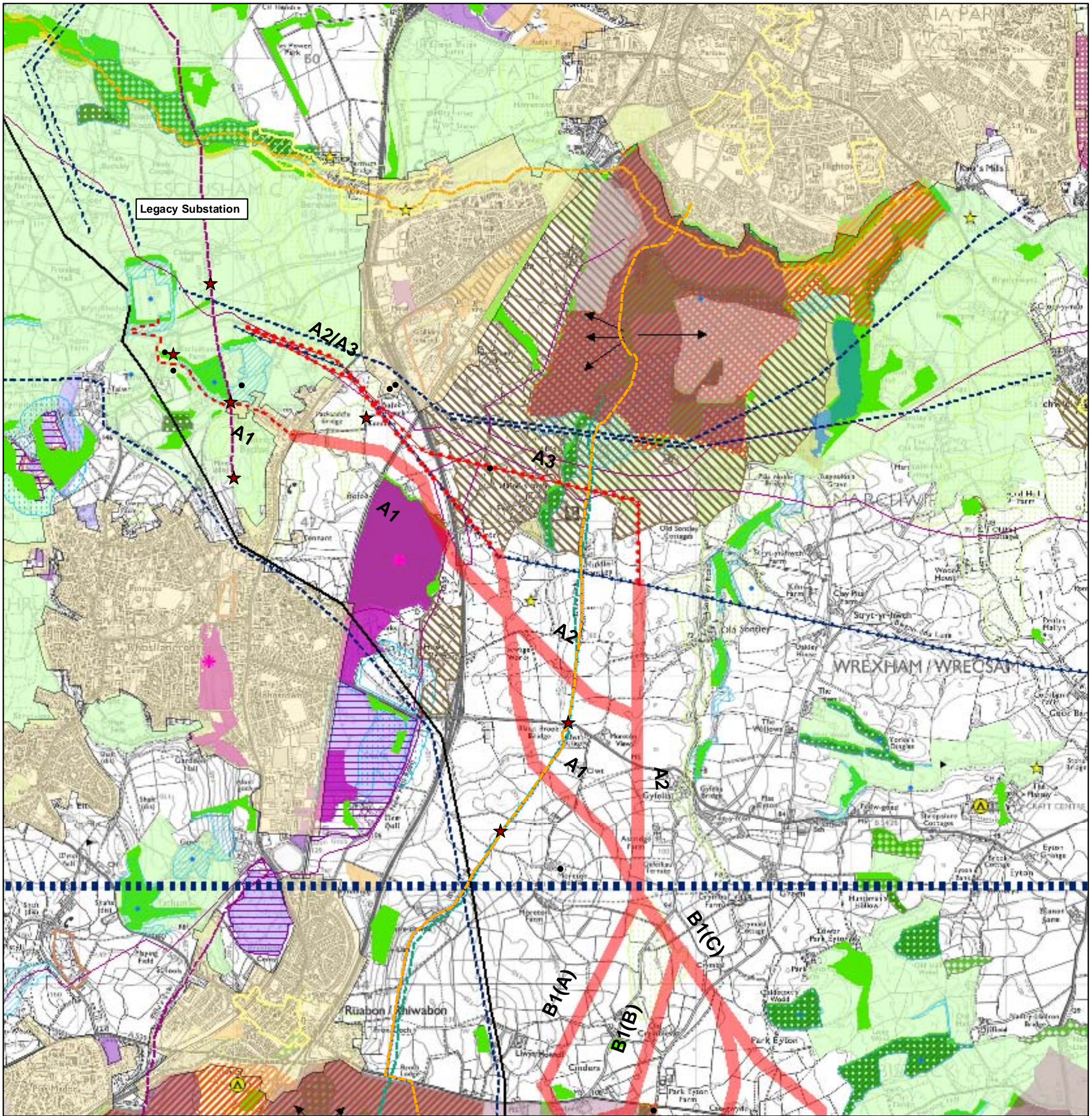
Legacy to Oswestry 132kV Overhead Line Environmental Statement

Figure Number: 9.2

Drawing Title: Route Options and Environmental Constraints

Scale: 0 0.5 1 1.5 Km





#### Key

##### Proposed Legacy Oswestry Route Options

- 132kV Underground Cable
- 132kV Lattice Overhead Line
- 132kV Wood Pole Line

##### Existing Overhead Lines

- 400kV Lattice Overhead Line
- 132kV Lattice Overhead Line
- 132kV Portal Overhead Line

##### Boundaries

- Zone Boundaries
- Borough Boundaries

##### Environmental Constraints

- Main Areas of Settlement

##### Cultural Heritage

- Scheduled Monuments
- Offa's Dyke (Visible Linear Earthwork)
- Wat's Dyke (Visible Linear Earthwork)
- Conservation Areas
- Listed Buildings
- Registered Historic Park, Garden or Landscape
- Essential Setting (to Registered Park or Garden)

- Important Views (within/from Registered Park or Garden)

##### Other Parkland Estates

- Landscapes of Special Historic Interest in Wales
- Proposed World Heritage Site
- Proposed World Heritage Site Buffer Zone

##### Landscape Designations

- Potential Area of Outstanding Natural Beauty (AONB)
- Locally Designated Landscape (AOB, ASEI, ASLC, SLA)
- Areas of Outstanding visual quality (Wrexham only)

##### Nature Conservation

- SAC
- SSSI
- Wildlife Sites of County Importance (located by Point Reference Only)
- Wildlife Sites of County Importance
- Sites of Local Nature Conservation Value (England Only)
- Local Nature Reserve
- Semi-natural Ancient Woodland
- Ancient Woodlands (other than semi-natural)

##### Other Woodland

##### Recreation and Tourism

- National Trust Land: open to the public
- National Trust Land: private
- Other 'Access' Land
- National Trail: Offa's Dyke Path
- Shropshire Union Canal
- Recreational Paths
- Signed Cycle Route
- Country Parks
- Golf Courses
- Castles / Fort
- Campsites / Caravan Sites
- Oswestry Showground
- Other Visitor Attractions
- Garden Open to the Public

##### Mineral Resources

- Mineral Sites (WCBC)
- Mineral Buffer Zones (WCBC Policy MW11)
- Protection of Mineral Resources (WCBC Policy MW9)
- Landfill Sites (WCBC)
- Land Reclamation Sites (WCBC)

##### Existing Landfill (Shropshire)

##### Historical Landfill Sites (Shropshire)

- Coal Consultation Area: (Extracted from Shropshire Minerals Local Plan)
- Mineral Consultation Area: (Extracted from Shropshire Minerals Local Plan)

##### Development Allocations and Consultation Zones

- Oswestry Proposed Road Route
- National Grid Gas Pipelines
- Housing Allocations
- Economic Development Sites
- Chirk Airfield

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Legacy to Oswestry 132 kV Overhead Line Environmental Statement

Figure No: 9.3

Drawing Title Zone A (Legacy) Options

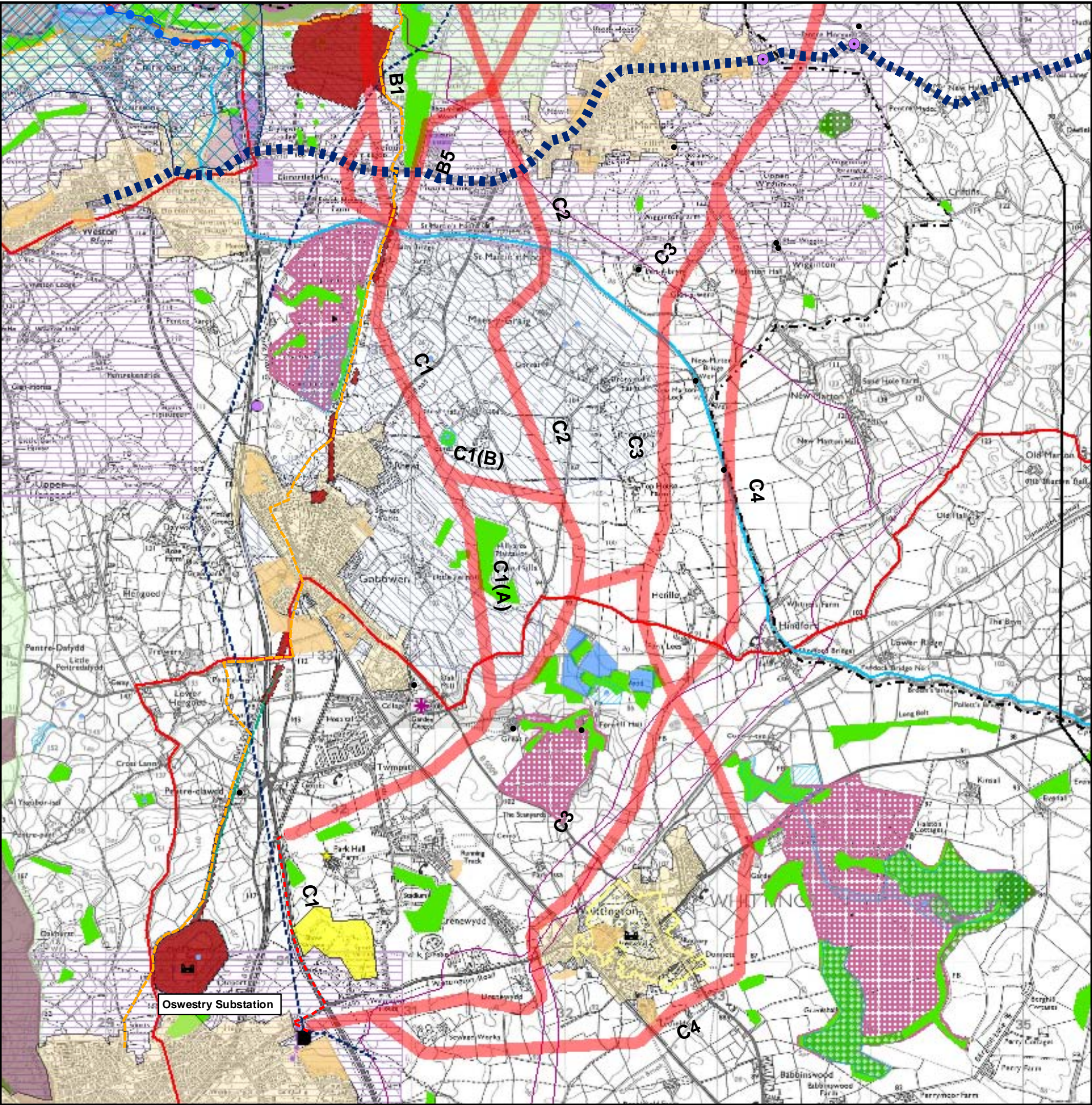
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TEP Ref: D700.047 REV H









**Key**

**Proposed Legacy Oswestry Route Options**

- 132kV Underground Cable
- 132kV Lattice Overhead Line
- 132kV Wood Pole Line

**Existing Overhead Lines**

- 400kV Lattice Overhead Line
- 132kV Lattice Overhead Line
- 132kV Portal Overhead Line

**Boundaries**

- Zone Boundaries
- Borough Boundaries

**Environmental Constraints**

- Main Areas of Settlement

**Cultural Heritage**

- Scheduled Monuments
- Offa's Dyke (Visible Linear Earthwork)
- Wat's Dyke (Visible Linear Earthwork)
- Conservation Areas
- Listed Buildings
- Registered Historic Park, Garden or Landscape
- Essential Setting (to Registered Park or Garden)

**Important Views (within/from Registered Park or Garden)**

- Other Parkland Estates
- Landscapes of Special Historic Interest in Wales
- Proposed World Heritage Site
- Proposed World Heritage Site Buffer Zone

**Landscape Designations**

- Potential Area of Outstanding Natural Beauty (AONB)
- Locally Designated Landscape (AOB, ASEI, ASLC, SLA)
- Areas of Outstanding visual quality (Wrexham only)

**Nature Conservation**

- SAC
- SSSI
- Sites of Local Nature Conservation Value (England Only)
- Wildlife Sites of County Importance (located by Point Reference Only)
- Wildlife Sites of County Importance
- Local Nature Reserve
- Semi-natural Ancient Woodland
- Ancient Woodlands (other than semi-natural)
- Other Woodland

**Recreation and Tourism**

- National Trust Land: open to the public
- National Trust Land: private
- Other 'Access' Land
- National Trail: Offa's Dyke Path
- Shropshire Union Canal
- Recreational Paths
- Signed Cycle Route
- Country Parks
- Golf Courses
- Castles / Fort
- Campsites / Caravan Sites
- Oswestry Showground
- Other Visitor Attractions
- Garden Open to the Public

**Mineral Resources**

- Mineral Sites (WCBC)
- Mineral Buffer Zones (WCBC Policy MW11)
- Protection of Mineral Resources (WCBC Policy MW9)
- Landfill Sites (WCBC)
- Land Reclamation Sites (WCBC)
- Existing Landfill (Shropshire)
- Historical Landfill Sites (Shropshire)

**Coal Consultation Area:** (Extracted from Shropshire Minerals Local Plan)

**Mineral Consultation Area:** (Extracted from Shropshire Minerals Local Plan)

**Development Allocations and Consultation Zones**

- Oswestry Proposed Road Route
- National Grid Gas Pipelines
- Housing Allocations
- Economic Development Sites
- Chirk Airfield

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Legacy to Oswestry 132kV Overhead Line Environmental Statement

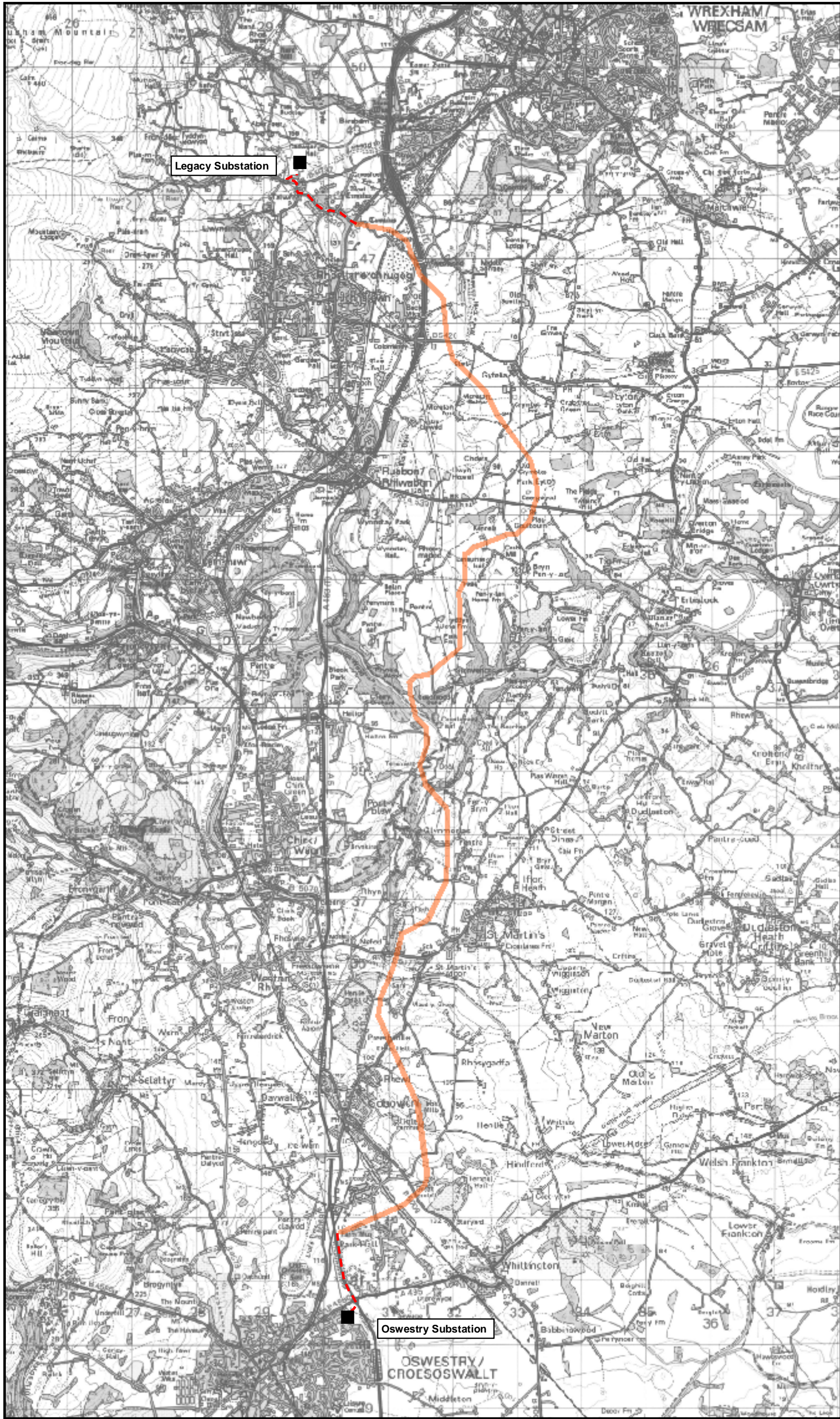
Figure No: 9.5

Drawing Title: Zone C (Oswestry) Options

Scale: 0 0.25 0.5 Km

TEP Ref: D700.049 REV H







**Key**

**Preferred Route**

- 132 kV Wood Pole Line
- 132 kV Underground cable

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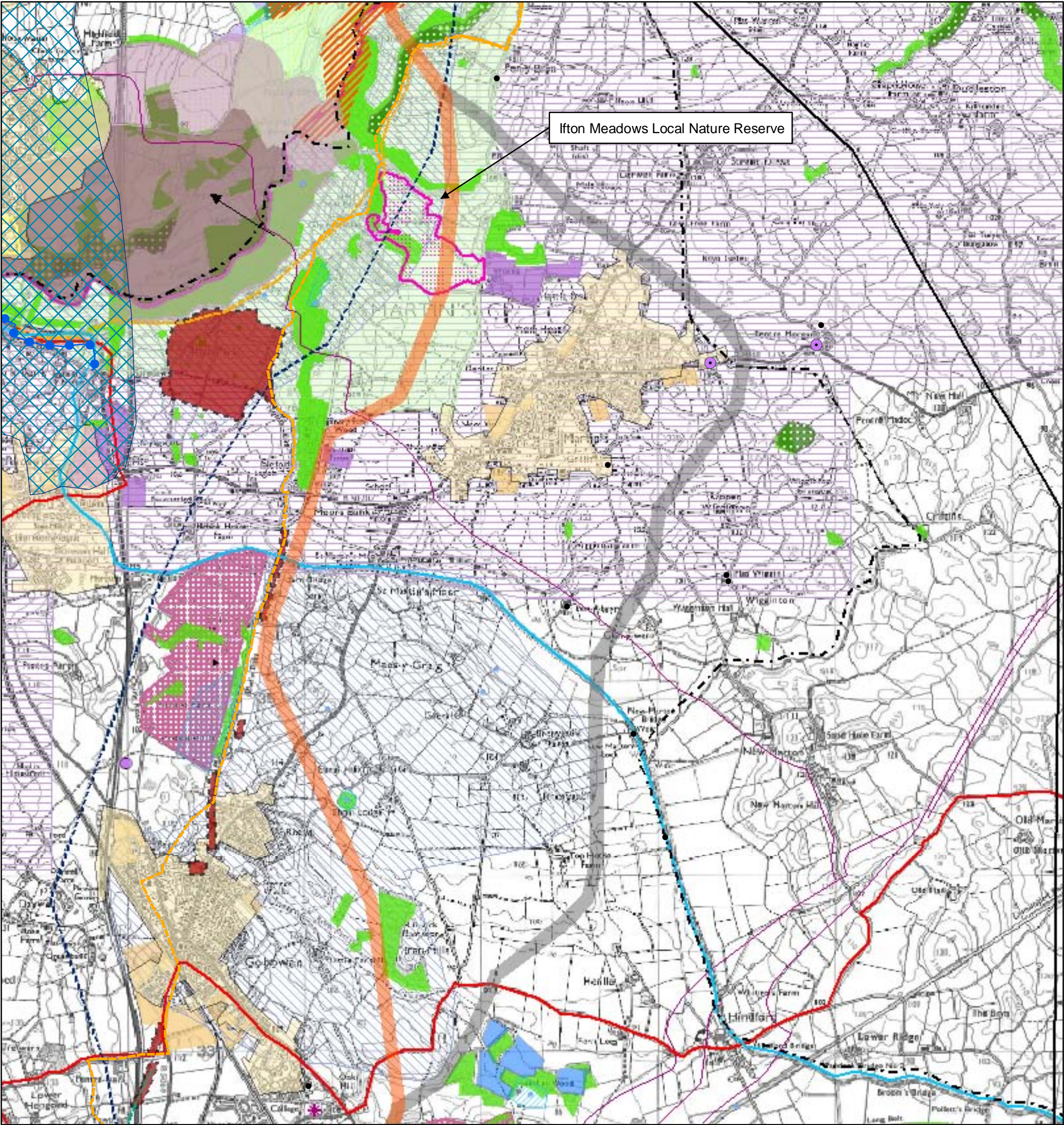
Legacy to Oswestry 132kV Overhead Line  
Environmental Statement

Figure No: 9.6

Drawing Title: The Preferred Route  
at Consultation

Scale: 0 0.5 1 1.5 Km





- Key**
- Alternative Route
  - Preferred Route at Consultation
- Existing Overhead Lines**
- 400kV Lattice Overhead Line
  - 132kV Lattice Overhead Line
- Boundaries**
- Borough Boundaries
- Environmental Constraints**
- Main Areas of Settlement
- Cultural Heritage**
- Scheduled Monuments
  - Offa's Dyke (Visible Linear Earthwork)
  - Wat's Dyke (Visible Linear Earthwork)
  - Conservation Areas
  - Listed Buildings
  - Registered Historic Park, Garden or Landscape
  - Essential Setting (to Registered Park or Garden)
- Important Views (within/from Registered Park or Garden)**
- Other Parkland Estates
  - Landscapes of Special Historic Interest in Wales
- Proposed World Heritage Site**
- Proposed World Heritage Site
  - Proposed World heritage Site Buffer Zone
- Landscape Designations**
- Potential Area of Outstanding Natural Beauty (AONB)
  - Locally Designated Landscape (AOB, ASEI, ASLC, SLA)
  - Areas of Outstanding visual quality (Wrexham only)
- Nature Conservation**
- SAC
  - SSSI
  - Wildlife Sites of County Importance (located by Point Reference Only)
  - Wildlife Sites of County Importance
  - Sites of Local Nature Conservation Value (England Only)
  - Local Nature Reserve
  - Semi-natural Ancient Woodland
  - Ancient Woodlands (other than semi-natural)
  - Other Woodland
- Recreation and Tourism**
- National Trust Land: open to the public
  - National Trust Land: private
  - Other 'Access' Land
  - National Trail: Offa's Dyke Path
  - Shropshire Union Canal
  - Recreational Paths
  - Signed Cycle Route
  - Country Parks
  - Golf Courses
  - Castles / Fort
  - Campsites / Caravan Sites
  - Oswestry Showground
  - Other Visitor Attractions
  - Garden Open to the Public
- Mineral Resources**
- Mineral Sites (WCBC)
  - Mineral Buffer Zones (WCBC Policy MW11)
  - Protection of Mineral Resources (WCBC Policy MW9)
  - Landfill Sites (WCBC)
  - Land Reclamation Sites (WCBC)
  - Existing Landfill (Shropshire)
  - Historical Landfill Sites (Shropshire)
- Coal Consultation Area:** (Extracted from Shropshire Minerals Local Plan)
- Mineral Consultation Area:** (Extracted from Shropshire Minerals Local Plan)
- Development Allocations and Consultation Zones**
- Oswestry Proposed Road Route
  - National Grid Gas Pipelines
  - Housing Allotments
  - Economic Development Sites
  - Chirk Airfield

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Legacy to Oswestry 132 kV Overhead Line  
Environmental Statement

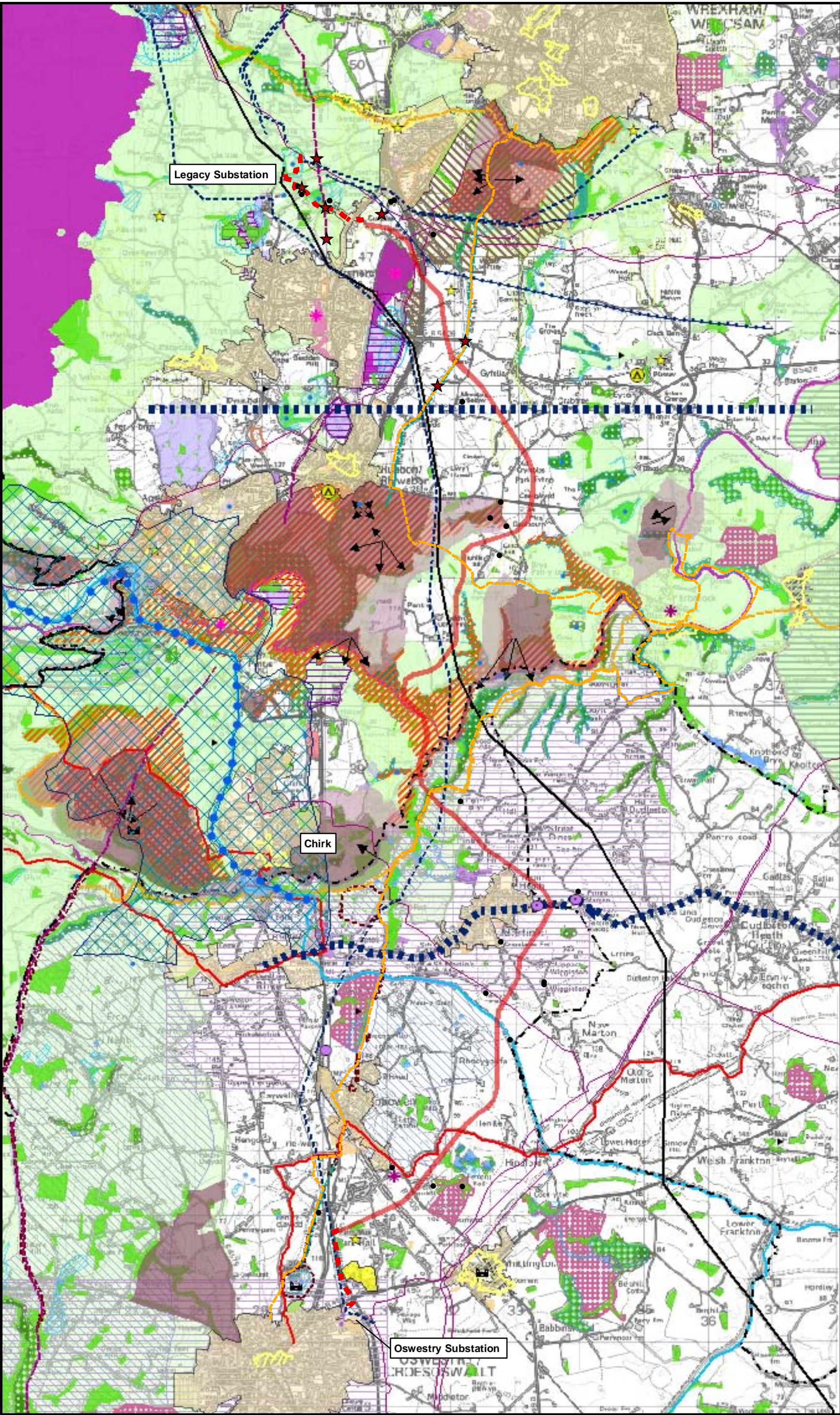
Figure No: 10.1

Drawing Title Alternative Route with  
Environmental Constraints

Scale: 0 0.5 Km

TEP Ref: D700.185B





**Key**  
**Proposed Route**  
- - - 132kV Underground Cable  
- - - 132kV Wood Pole Line  
**Existing Overhead Lines**  
- - - 400kV Lattice Overhead Line  
- - - 132kV Lattice Overhead Line  
- - - 132kV Portal Overhead Line  
**Boundaries**  
- - - Zone Boundaries  
- - - Borough Boundaries  
**Environmental Constraints**  
- - - Main Areas of Settlement  
**Cultural Heritage**  
- - - Scheduled Monuments  
★ Offa's Dyke (Visible Linear Earthwork)  
- - - Wat's Dyke (Visible Linear Earthwork)  
- - - Conservation Areas  
● Listed Buildings  
- - - Registered Historic Park, Garden or Landscape  
- - - Essential Setting (to Registered Park or Garden)  
- - - Important Views (within/from Registered Park or Garden)  
- - - Other Parkland Estates  
- - - Landscapes of Special Historic Interest in Wales  
● Proposed World Heritage Site  
- - - Proposed World Heritage Site Buffer Zone  
**Landscape Designations**  
- - - Potential Area of Outstanding Natural Beauty (AONB)  
- - - Locally Designated Landscape (AOB, ASEI, ASLC, SLA)  
- - - Areas of Outstanding visual quality (Wrexham only)  
**Nature Conservation**  
- - - SAC  
- - - SSSI  
● Wildlife Sites of County Importance (located by Point Reference Only)  
- - - Wildlife Sites of County Importance (England Only)  
- - - Local Nature Reserve  
- - - Semi-natural Ancient Woodland  
- - - Ancient Woodlands (other than semi-natural)  
- - - Other Woodland  
**Recreation and Tourism**  
- - - National Trust Land: open to the public  
- - - National Trust Land: private  
- - - Other 'Access' Land  
- - - National Trail: Offa's Dyke Path  
- - - Shropshire Union Canal  
- - - Recreational Paths  
- - - Signed Cycle Route  
- - - Country Parks  
- - - Golf Courses  
- - - Castles / Fort  
- - - Campsites / Caravan Sites  
- - - Oswestry Showground  
- - - Other Visitor Attractions  
- - - Garden Open to the Public  
**Mineral Resources**  
- - - Mineral Sites (WCBC)  
- - - Mineral Buffer Zones (WCBC Policy MW11)  
- - - Protection of Mineral Resources (WCBC Policy MW9)  
- - - Landfill Sites (WCBC)  
- - - Land Reclamation Sites (WCBC)  
● Existing Landfill (Shropshire)  
● Historical Landfill Sites (Shropshire)  
- - - Coal Consultation Area: (Extracted from Shropshire Minerals Local Plan)  
- - - Mineral Consultation Area: (Extracted from Shropshire Minerals Local Plan)  
**Development Allocations and Consultation Zones**  
- - - Oswestry Proposed Road Route  
- - - National Grid Gas Pipelines  
- - - Housing Allocations  
- - - Economic Development Sites  
- - - Chirk Airfield  
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Legacy to Oswestry 132kV Overhead Line  
Environmental Statement

Figure Number: 11.1

Drawing Title: Proposed Route with  
Environmental Constraints

Scale: 0 0.5 1 1.5 Km