



EWR Alliance

Connecting People

EWR2 Update

Buckinghamshire Council

TECC Select Committee

Mark Cuzner, Alliance Director



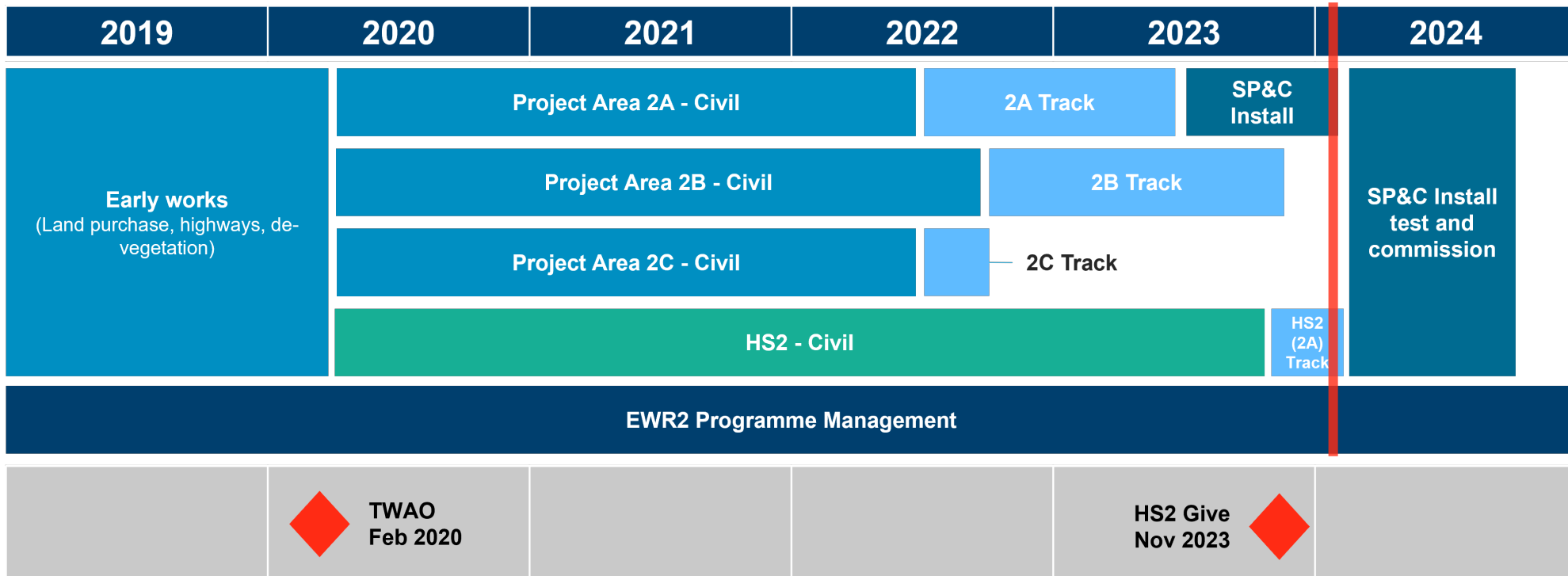
2023 Achievements



- **Tracklaying completed**
- **10 new footbridges installed and open to the public**
- **8 of 10 compounds reinstated**

- **Landscaping works substantially completed**
- **Permanent road repairs substantially completed**

EWR2 Project Programme Summary – January 2024



Entry into Service Activities




Track Progress



Final NTC shift in Calvert



Tamping in Twyford



Beaver tamping in Addington



Tilting wagons in Calvert (HS2) Area



Kirow Crane in Calvert (HS2) Area



Claydon West Junction (HS2)

Stations Progress



Bletchley Station



Winslow Station

Footbridges (scheme wide)



Moco Farm



Swans Way



Winslow



Twyford

10 new footbridges open to the public

Buckinghamshire:

- OXD33A Marsh Gibbon – Opened
- OXD32A Poundon No.2 – Opened
- OXD29A Twyford No.2 – Opened
- OXD26A Middle Claydon No.8 – Opened
- OXD25A Middle Claydon No.4 & 6 - Opened
- OXD19 Winslow No.6 – Opened
- OXD13A Moco Farm No.2 – Opened
- OXD12A Swans Way - Opened

Oxfordshire:

- OXD36A Jarvis Lane – Opened
- OXD35A Grange Farm – Opened

Completed Overbridges



Salden Wood



Verney Junction



Queen Catherine Road

Landscaping Progress



Chainage

90414

07-12-2023



Highways Reinstatement



Herds Hill



Verney Road



Sandhill Road

Queen Catherine Road



Nov 21



Dec 23

OXD24C Verney Junction



Sept 21



Sept 2023

Project Challenges & Mitigation

Challenge	Mitigation
Required road closures and traffic management	Coordination of disruptive traffic management with the Council, HS2 and others to minimise impact on residents.
Construction traffic on rural road network	Past: Temporary highway interventions and advance repairs completed Current: Re-briefing workforce and supply chain partners regarding driving behaviour Current/future: Planned programme of road repairs in 2024
Mud and dust impacts	Mud & dust plans in place, and wheel & jet washers installed
Keeping the local community informed	Quarterly Newsletters. Disruptive works notified. Community drop-in event to be held in Winslow
Ecological Impact	Increased retained vegetation route wide and rurally sympathetic landscaping of 350,000 trees and plants. Delivering 10% Biodiversity net gain
Noise	Installation of permanent acoustic barriers fully completed and 'noisy' works substantially completed
Legacy	Project is continuing community engagements in Buckinghamshire including many school events

Selected Future Physical Works

- *Selected* summary of future physical works & RAG impact on the community:

Item	Current Completion	Forecast Date	Future HGVs	TM Required	RAG Impact
Lineside equipment installation and testing	Ongoing	Mar'24	Minimal	No	Green
Utilities (Connections & Disconnections)	118 of 126	Jul'24	Minimal	Yes	Green
Footpaths Completion	26 of 27	Mar'24	Minimal	No	Green
Fencing & Landscaping	99%	Feb'24	Minimal	No	Green
Bridges with Highway interfaces	19 of 20	Mar'24	Minimal	No	Green
Winslow Station	Ongoing	Mar'24	Minimal	Yes	Yellow
Winslow Station Car Park	Ongoing	Sep'24	Moderate	No	Yellow
Ancillary Civils for Signalling	99%	Mar'24	Minimal	No	Green
Compound & Temporary Land Reinstatement	9 of 11	Jul'24	Moderate	Yes	Yellow
Permanent Highway Repairs & Reinstatements	90%	Jul'24	Minimal	Yes	Yellow

Climate Resilience

- 8 Compensatory Flood Storage Areas created (CFSA)
- Climate change allowances of 40% for rainfall increase and 65-70% for river flow increase on 1:100 year event
- All railway drainage has been renewed throughout the route and is sized to maintain existing outfall rates.
- Electrical equipment located outside flood zones and specified to operate at higher temperatures





- Latest assessment shows a habitat net gain of +94.24 units, or + 5.63%, within the current limits of TWAO and Network Rail owned land
- Target for a 10% habitat net gain is +167.47 units, so current shortfall is 73.23 units
- Work is ongoing to arrange compensation sites that will provide the units required to reach the committed 10% habitat net gain

Social Value & Volunteering

From April 2019

279 Engagements

816 Volunteers

3745.5 Volunteer hours

£57,398.30 Volunteers costs

1026.4 Engagement hours

£35,540.23 Donations

£3,058,625.41 SROI



36 Apprenticeships Commenced

27.64% SME spend on project



Industry Recognition

Awards

- Young Rail Professional Awards – Young Professional of the Year Award (Lucy Ellis)
- Institute for Collaborative Working Awards – **Collaborative Leadership**
- CIEEM 2022 Awards – Best Practice – Large Scale Mitigation
- Railway Innovation Awards – **Environment and Sustainability**
- Green Apple Awards – Environmental Best Practice
- Landscape Institute Awards – **Excellence in Sustainable Infrastructure**



Highly commended:

- Rail Business Awards - **Infrastructure Project Excellence Award**
- Railway Innovation Awards
- National Rail Awards - Infrastructure Achievement of the Year & Outstanding Teamwork





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Any Questions

