



Notes

Implementer Install signs in balloon order from the approach end; remove in reverse. Check faces and spacing against the schedule before opening to traffic.

Inspector Inspect at start of shift and at least every 2 hours (DEMO frequency; confirm against TS 05492). Record in the field log.

Controller PTCD operator stands outside the live lane; escape route and 1.5 x D sight distance to be confirmed on site.

Workers No entry to the buffer; stay within the hatched work area.

Roles (TS 05492:1.0 §9.5.3)			
Role	Person	Card / qualification	
PWZ (designs / inspects)	—	to be assigned	
IMP (implements)	—	to be assigned	
TCR (controls traffic)	—	SafeWork NSW card + PORTABOOM® instruction	

Revisions			
Rev	Description	Date	By
1	One job (engine v2, TS 05492)	2026-10-11	platform

Sources (status at build)			
Source	Status	Last OK	
nsw_ss_admin_boundaries	ok	2026-10-10	
nsw_ss_land_parcel_property	ok	2026-10-10	
nsw_ss_transport_theme	ok	2026-10-10	
osm_overpass	ok	2026-10-10	
tfnsw_road_network_categorisation	ok	2026-10-08	
tfnsw_school_zones	ok	2026-10-08	
tfnsw_speed_zones	ok	2026-10-08	
Rev 1 - sha256 331855479c22a76d... · EPSG:7856 GDA2020 / MGA zone 56 · 2026-10-11T01:05:26.203381+11:00. Derived lines (OSM lanes x 3.5 m) carry no measured accuracy; traced lines ±0.12 m (paint) / ±0.25 m (kerb). Sign faces are generic demonstration symbols. Verify on site before issue. Traffic & Access Solutions Pty Ltd · ABN 14 162 894 975 · PORTABOOM® is a registered trade mark.			

Legend

- Equipment (suggested set-out)
- PORTABOOM® unit (4.0 m boom, to scale)

Sign 0.9 m (face artwork, generic demonstration; to scale, 1 mm floor)

Sign (no artwork; code labelled)

Cone 450 mm (to scale, 1 mm floor)

Flashing arrow sign (trailer, 2.4 m, to scale)

Other equipment

Dimensions (set-out, m)

Direction of travel
- Proposed arrangement
- Work area (green cross-hatch, TCAWS App D.2)

Longitudinal buffer (cone line + dimension, not shaded)

Merge taper (cone line + dimension, not shaded)

Worker protective zone

Plant envelope

Pedestrian route

Detour route
- Traced from imagery (lane lines, asphalt edges)
- Lane line traced from imagery (±0.12 m)

Asphalt edge traced from imagery (±0.25 m)
- Constraints (OSM, unverified)
- Traffic signals (OSM)

Pedestrian crossing (OSM)

Bus stop (OSM)

School grounds (OSM)

TfNSW school zone (40 km/h, times)

Dividing line (3 m / 9 m, assumed)

Lane line (3 m / 9 m, assumed)

Kerb line (derived)

Carriageway (derived)

Footpath (derived 2.0 m)

Road corridor (cadastre)

Other roads (OSM centrelines)

Chainage (m, along OSM way)

Arrangement		Site specific (draft)
TGS type	Works period	
Arrangement	13/10/26 09:30 → 13/10/26 14:30	
Posted / work zone speed	lane_closure	
Lanes closed	60 / 40 km/h	
Remaining lanes (direction)	—	
Work length	199.87 m	
Executions (Sydney)	13/10/26 09:30 → 13/10/26 14:30	
Rule edition	NSW-TS05492-1.0 (TAS working values, unreviewed)	

Sign schedule (balloon numbers match the plan; install in order, remove in reverse)

No	Code	Message / role	Ch (m)	State
1	T1-1	Roadwork Ahead	116	suggested
2	T1-5	Workers (Symbolic)	176	suggested
3	T2-6-2	Left Lane Closed (Symbolic - 2 lanes in direction of travel)	236	suggested
4	R4-212n (40)	Speed Limit Road Work 40 km/h	236	SITE DECISION: building, bus stop, outside road reserve
5	T2-6-2	Left Lane Closed (Symbolic - 2 lanes in direction of travel)	236	SITE DECISION: building, bus stop, outside road reserve
6	R4-212n (40)	Speed Limit Road Work 40 km/h	236	suggested
7	T5-5-R	Hazard Warning Marker (right)	296	suggested
8	T5-5-R	Hazard Warning Marker (right)	356	suggested
9	R4-1 (60)	Speed Limit (symbolic) 60 km/h	636	SITE DECISION: outside road reserve
10	T2-16	End Roadwork	654	moved +8 m (clearance)

Quantities (this stage)

Item	Qty
PORTABOOM® PB4000	0
Signs	10
Cones (450 mm)	69

Findings — planning aids, not a statement of compliance

Rule	Outcome	Detail
CONE_SPACING_T50	OK	taper cones at most 9 m, lane-line cones at most 4 m (device zone 40 km/h)
SPEED_AHEAD_SIGN	OK	G9-79 not required (60 to 40 km/h)
CONE_EDGE_CLEARANCE	OK	cone line 0.5 m inside the lane line (Table 49)
INTERSECTION_IN_CLOSURE	ATTENTION	2 side street(s) cross the closure (Darling Point Road, Lower Darling Point Road): safety buffer for turning traffic and side-road signs needed (§14.6.2.4)
SCHOOL_ZONE_50M	ATTENTION	TfNSW school zone within 50 m (nearest 0.0 m)
SIGN_FACES	OK	8 signs, every code named in TS 05492 and its face checked against the name
TEMP_SPEED_ZONE	ATTENTION	40 km/h zone (Table 19: workers within 1.5 m of the live lane); R4-212n at the zone start, R4-1 60 after the work area
SIGN_SPACING_D	OK	advance signs at successive D = 60 m from the taper, all within Table 88 tolerance
SIGHT_DISTANCE	NOT CHECKABLE	needs 90 m (1.5 D urban); no elevation model loaded
LANE_STATUS_SIGN	OK	T2-6-2 at 60 m before the taper (D = 60 m)
SPEED_ZONE_AUTHORISATION	ATTENTION	speed zone authorisation needed for the 40 km/h zone (§11.7.7)
STATE_ROAD_100M	ATTENTION	State road within 100 m (nearest 2.3 m): Road Occupancy Licence likely
SIGN_SITING	ATTENTION	3 sign(s) need a site decision: T2-6-2 (lane_status): side street(s) outside the closure

New South Head Road, Edgecliff: Close the

WRK — DERIVED SOURCE DATA — NOT FOR LODGEMENT

0 10 20 m

Basemap: NSW Imagery © Department of Customer Service NSW (Spatial Services), display only. Road geometry derived from OpenStreetMap (© OpenStreetMap contributors, ODbL) lanes x 3.5 m; cadastral road corridor and LGA © NSW Spatial Services CC BY 4.0; speed and school zones © Transport for NSW CC BY 4.0.

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Inspector	Inspect at start of shift and at least every 2 hours (DEMO frequency; confirm against TS 05492). Record in the field log.
Controller	PTCD operator stands outside the live lane; escape route and 1.5 x D sight distance to be confirmed on site.
Workers	No entry to the buffer; stay within the hatched work area.

Role	Person	Card / qualification
PWZ (designs / inspects)	—	to be assigned
IMP (implements)	—	to be assigned
TCR (controls traffic)	—	SafeWork NSW card + PORTABOOM® instruction

Rev	Description	Date	By
1	One job (engine v2, TS 05492)	2026-10-11	platform

Source	Status	Last OK
nsw_ss_admin_boundaries	ok	2026-10-10
nsw_ss_land_parcel_property	ok	2026-10-10
nsw_ss_transport_theme	ok	2026-10-10
osm_overpass	ok	2026-10-10
tnfsw_road_network_categorisation	ok	2026-10-08
tnfsw_school_zones	ok	2026-10-08
tnfsw_speed_zones	ok	2026-10-08

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Equipment (suggested set-out)



PORTABOOM® unit (4.0 m boom, to scale)

◆ Sign 0.9 m (face artwork, generic demonstration; to scale, 1 mm floor)

 Sign (no artwork; code labelled)

- Cone 450 mm (to scale, 1 mm floor)

 Flashing arrow sign (trailer, 2.4 m, to scale)

 Other equipment

 Dimensions (set-out, m)

↑ Direction of travel

Proposed arrangement

 Work area (green cross-hatch, TCAWS App D.2)

Longitudinal buffer (cone line + dimension, not shaded)

Merge taper (cone line + dimension, not shaded)

 Worker protective zone

 Plant envelope

 Pedestrian route

Management

GS type	Site specific (draft)
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Works period 13/10/26 09:30 → 13/10/26 14:30

arrangement lane_closure

anes closed

remaining lanes (direction) —

Work length	199.87 m
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NSW-TS05492-1.0 (TAS working values, unreviewed)

Sign schedule (balloon numbers match the plan; install in order, remove in reverse)

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Quantities (this stage)

Item	Qty
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Rule	Outcome	Detail
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SIGN_FACES	OK	8 signs, every code named in TS 05492 and its face checked against the name
TEMP_SPEED_ZONE	ATTENTION	40 km/h zone (Table 19): workers within 1.5 m of the live lane); R4-212n at the zone start, R4-1 60 after the work area
SIGN_SPACING_D	OK	advance signs at successive D = 60 m from the taper, all within Table 88 tolerance
SIGHT_DISTANCE	NOT CHECKABLE	needs 90 m (1.5 D urban); no elevation model loaded
LANE_STATUS_SIGN	OK	T2-6-2 at 60 m before the taper (D = 60 m)
SPEED_ZONE_AUTHORISATION	ATTENTION	speed zone authorisation needed for the 40 km/h zone (§11.7.7)
STATE_ROAD_100M	ATTENTION	State road within 100 m (nearest 2.3 m): Road Occupancy Licence likely
SIGN_SITING	ATTENTION	3 sign(s) need a site decision: T2-6-2 (lane_status):

TRAFFIC GUIDANCE SCHEME — Stage 1: kerbside lane closed, New South Head Road eastbound, 200 m — DETAIL 2 of 4

kerbside lane on New South Head Road, Edgecliff eastbound for 200 m, 1 (WRK) · Close the kerbside lane on New South Head Road, Edgecliff eastbound for 200 m, 13/10/26 09:30 to 14:30 · Rev 1 · Scale 1:500 @ A3 · WRK — NOT FOR LODGEMENT



Notes	
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Roles (TS 05492:1.0 §9.5.3)			
Role	Person	Card / qualification	
PWZ (designs / inspects)	—	to be assigned	
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Legend	
Equipment (suggested set-out)	
	PORTABOOM® unit (4.0 m boom, to scale)
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	Sign (no artwork; code labelled)
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	Flashing arrow sign (trailer, 2.4 m, to scale)
	Other equipment
	Dimensions (set-out, m)
	Direction of travel
Proposed arrangement	
	Work area (green cross-hatch, TCAWS App D.2)
	Longitudinal buffer (cone line + dimension, not shaded)
	Merge taper (cone line + dimension, not shaded)
	Worker protective zone
	Plant envelope
	Pedestrian route
Traced from imagery (lane lines, asphalt edges)	
	Lane line traced from imagery (±0.12 m)
	Asphalt edge traced from imagery (±0.25 m)
Constraints (OSM, unverified)	
	Traffic signals (OSM)
	Pedestrian crossing (OSM)
	Bus stop (OSM)
	School grounds (OSM)
	TfNSW school zone (40 km/h, times)
	Dividing line (3 m / 9 m, assumed)
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	Kerb line (derived)
	Carriageway (derived)
	Footpath (derived 2.0 m)
	Road corridor (cadastre)
	Other roads (OSM centrelines)
	Chainage (m, along OSM way)

Arrangement	
TGS type	Site specific (draft)
Works period	13/10/26 09:30 → 13/10/26 14:30
Arrangement	lane_closure
Posted / work zone speed	60 / 40 km/h
Lanes closed	—
Remaining lanes (direction)	—
Work length	199.87 m
Executions (Sydney)	13/10/26 09:30 → 13/10/26 14:30
Rule edition	NSW-TS05492-1.0 (TAS working values, unreviewed)

Sign schedule (balloon numbers match the plan; install in order, remove in reverse)

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9	R4-1 (60)	Speed Limit (symbolic) 60 km/h	636	SITE DECISION: outside road reserve
10	T2-16	End Roadwork	654	moved +8 m (clearance)

Quantities (this stage)

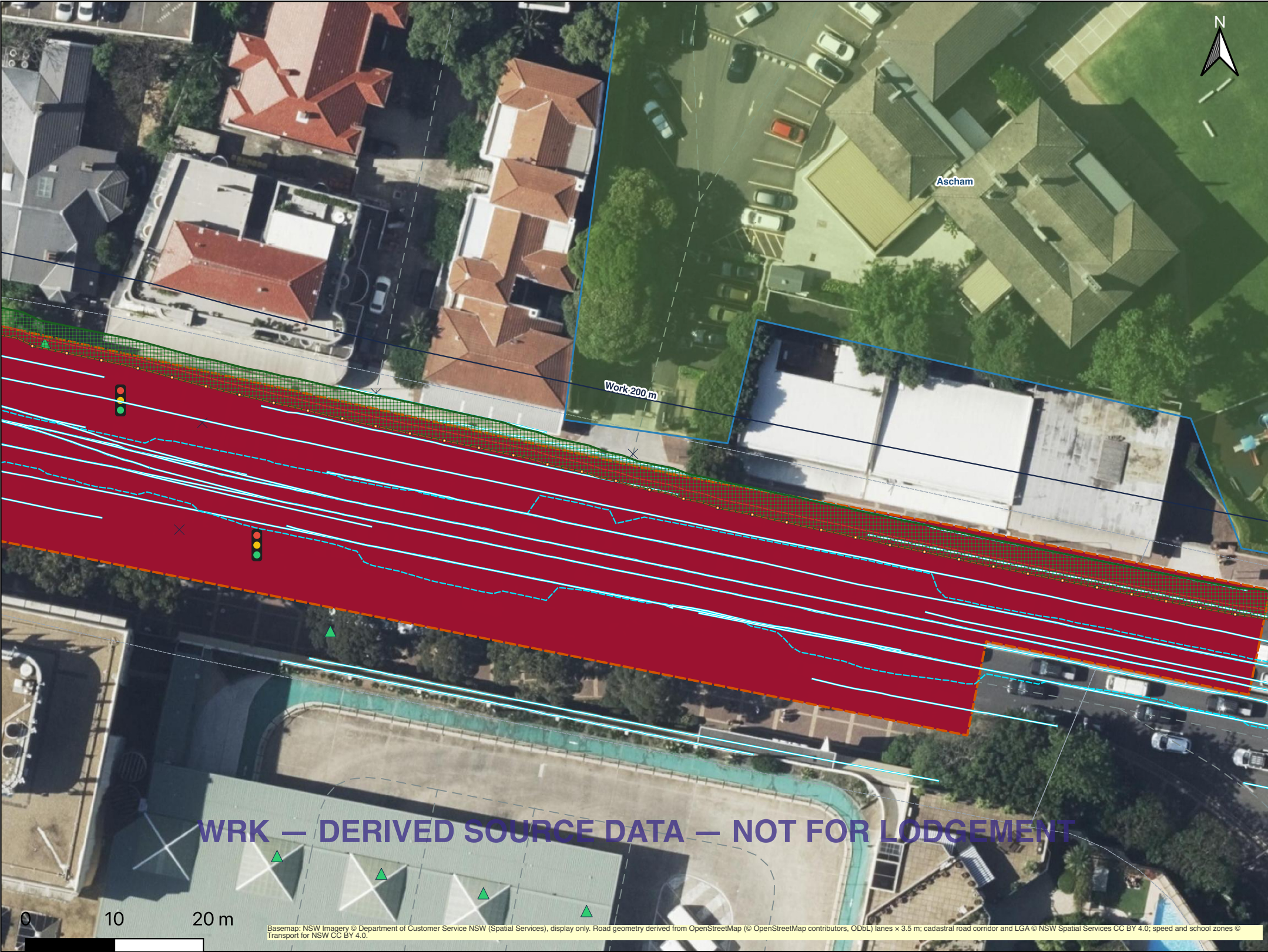
Item	Qty
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Findings — planning aids, not a statement of compliance

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SIGN_FACES	OK	8 signs, every code named in TS 05492 and its face checked against the name
TEMP_SPEED_ZONE	ATTENTION	40 km/h zone (Table 19: workers within 1.5 m of the live lane); R4-212n at the zone start, R4-1 60 after the work area
SIGN_SPACING_D	OK	advance signs at successive D = 60 m from the taper, all within Table 88 tolerance
SIGHT_DISTANCE	NOT CHECKABLE	needs 90 m (1.5 D urban); no elevation model loaded
LANE_STATUS_SIGN	OK	T2-6-2 at 60 m before the taper (D = 60 m)
SPEED_ZONE_AUTHORISATION	ATTENTION	speed zone authorisation needed for the 40 km/h zone (§11.7.7)
STATE_ROAD_100M	ATTENTION	State road within 100 m (nearest 2.3 m): Road Occupancy Licence likely
SIGN_SITING	ATTENTION	3 sign(s) need a site decision: T2-6-2 (lane_status): side street(s) cross the closure

TRAFFIC GUIDANCE SCHEME — Stage 1: kerbside lane closed, New South Head Road eastbound, 200 m — DETAIL 3 of 4

New South Head Road, Edgecliff: Close the kerbside lane on New South Head Road, Edgecliff eastbound for 200 m, 1 (WRK) · Close the kerbside lane on New South Head Road, Edgecliff eastbound for 200 m, 13/10/26 09:30 to 14:30 · Rev 1 · Scale 1:500 @ A3 · WRK — NOT FOR LODGEMENT



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PWZ (designs / inspects)	—	to be assigned	
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TRAFFIC GUIDANCE SCHEME — Stage 1: kerbside lane closed, New South Head Road eastbound, 200 m — DETAIL 4 of 4

kerbside lane on New South Head Road, Edgecliff eastbound for 200 m, 1 (WRK) · Close the kerbside lane on New South Head Road, Edgecliff eastbound for 200 m, 13/10/26 09:30 to 14:30 · Rev 1 · Scale 1:500 @ A3 · WRK — NOT FOR LODGEMENT



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Source	Status	Last OK	
nsw_ss_admin_boundaries	ok	2026-10-10	
nsw_ss_land_parcel_property	ok	2026-10-10	
nsw_ss_transport_theme	ok	2026-10-10	
osm_overpass	ok	2026-10-10	
tfnsw_road_network_categorisation	ok	2026-10-08	
tfnsw_school_zones	ok	2026-10-08	
tfnsw_speed_zones	ok	2026-10-08	
Rev 1 · sha256 331855479c22a76d... · EPSG:7856 GDA2020 / MGA zone 56 · 2026-10-11T01:05:26.203381+11:00. Derived lines (OSM lanes x 3.5 m) carry no measured accuracy; traced lines ±0.12 m (paint) / ±0.25 m (kerb). Sign faces are generic demonstration symbols. Verify on site before issue. Traffic & Access Solutions Pty Ltd · ABN 14 162 894 975 · PORTABOOM® is a registered trade mark.			

Legend	
Equipment (suggested set-out)	
	PORTABOOM® unit (4.0 m boom, to scale)
	Sign 0.9 m (face artwork, generic demonstration; to scale, 1 mm floor)
	Sign (no artwork; code labelled)
	Cone 450 mm (to scale, 1 mm floor)
	Flashing arrow sign (trailer, 2.4 m, to scale)
	Other equipment
	Dimensions (set-out, m)
	Direction of travel
Proposed arrangement	
	Work area (green cross-hatch, TCAWS App D.2)
	Longitudinal buffer (cone line + dimension, not shaded)
	Merge taper (cone line + dimension, not shaded)
	Worker protective zone
	Plant envelope
	Pedestrian route
Traced from imagery (lane lines, asphalt edges)	
	Lane line traced from imagery (±0.12 m)
	Asphalt edge traced from imagery (±0.25 m)
Constraints (OSM, unverified)	
	Traffic signals (OSM)
	Pedestrian crossing (OSM)
	Bus stop (OSM)
	School grounds (OSM)
	TfNSW school zone (40 km/h, times)
	Dividing line (3 m / 9 m, assumed)
	Lane line (3 m / 9 m, assumed)
	Kerb line (derived)
	Carriageway (derived)
	Footpath (derived 2.0 m)
	Road corridor (cadastre)
	Other roads (OSM centrelines)
	Chainage (m, along OSM way)

Arrangement	
TGS type	Site specific (draft)
Works period	13/10/26 09:30 → 13/10/26 14:30
Arrangement	lane_closure
Posted / work zone speed	60 / 40 km/h
Lanes closed	—
Remaining lanes (direction)	—
Work length	199.87 m
Executions (Sydney)	13/10/26 09:30 → 13/10/26 14:30
Rule edition	NSW-TS05492-1.0 (TAS working values, unreviewed)

Sign schedule (balloon numbers match the plan; install in order, remove in reverse)

No	Code	Message / role	Ch (m)	State
1	T1-1	Roadwork Ahead	116	suggested
2	T1-5	Workers (Symbolic)	176	suggested
3	T2-6-2	Left Lane Closed (Symbolic - 2 lanes in direction of travel)	236	suggested
4	R4-212n (40)	Speed Limit Road Work 40 km/h	236	SITE DECISION: building, bus stop, outside road reserve
5	T2-6-2	Left Lane Closed (Symbolic - 2 lanes in direction of travel)	236	SITE DECISION: building, bus stop, outside road reserve
6	R4-212n (40)	Speed Limit Road Work 40 km/h	236	suggested
7	T5-5-R	Hazard Warning Marker (right)	296	suggested
8	T5-5-R	Hazard Warning Marker (right)	356	suggested
9	R4-1 (60)	Speed Limit (symbolic) 60 km/h	636	SITE DECISION: outside road reserve
10	T2-16	End Roadwork	654	moved +8 m (clearance)

Quantities (this stage)

Item	Qty
PORTABOOM® PB4000	0
Signs	10
Cones (450 mm)	69

Findings — planning aids, not a statement of compliance

Rule	Outcome	Detail
CONE_SPACING_T50	OK	taper cones at most 9 m, lane-line cones at most 4 m (device zone 40 km/h)
SPEED_AHEAD_SIGN	OK	G9-79 not required (60 to 40 km/h)
CONE_EDGE_CLEARANCE	OK	cone line 0.5 m inside the lane line (Table 49)
INTERSECTION_IN_CLOSURE	ATTENTION	2 side street(s) cross the closure (Darling Point Road, Lower Darling Point Road): safety buffer for turning traffic and side-road signs needed (§14.6.2.4)
SCHOOL_ZONE_50M	ATTENTION	TfNSW school zone within 50 m (nearest 0.0 m)
SIGN_FACES	OK	8 signs, every code named in TS 05492 and its face checked against the name
TEMP_SPEED_ZONE	ATTENTION	40 km/h zone (Table 19: workers within 1.5 m of the live lane); R4-212n at the zone start, R4-1 60 after the work area
SIGN_SPACING_D	OK	advance signs at successive D = 60 m from the taper, all within Table 88 tolerance
SIGHT_DISTANCE	NOT CHECKABLE	needs 90 m (1.5 D urban); no elevation model loaded
LANE_STATUS_SIGN	OK	T2-6-2 at 60 m before the taper (D = 60 m)
SPEED_ZONE_AUTHORISATION	ATTENTION	speed zone authorisation needed for the 40 km/h zone (§11.7.7)
STATE_ROAD_100M	ATTENTION	State road within 100 m (nearest 2.3 m): Road Occupancy Licence likely
SIGN_SITING	ATTENTION	3 sign(s) need a site decision: T2-6-2 (lane_status): side street(s) outside the closure