Culvert Works

SINGLE CARRIAGEWAY
Level 1 (iii) Type A

DESIGN PARAMETERS	50km/hr
Sign Size (mm)	600
Sign Visibility (m)	50
No. of Adv. Signs	2
Cumulative Sign Distance (m)	40
Distance between Signs (m)	20
Taper Rate	1 in 5
Cone Height (mm)	750
Taper Cone Spacing (m)	3
45° Taper Cone Spacing (m)	1
Longitudinal Cone Spacing (m)	3
Lamp Taper Spacing (m)	6
Lamp Longitudinal Spacing (m)	6
Lateral Safety Zone (m)	0.5
Longitudinal Safety Zone (m)	5
Min Lane Width (m)	3.0
Optimum Lane Width (m)	3.3
Two-way Road Width (m)	6.0m

LEGEND

- TYPE A - WORKING SPACE - Culvert
- LONGITUDINAL SAFETY ZONE (Min 5m)
- ISLANDS REMOVED
- SWEPT PATH ANALYSIS - HGV
- SWEPT PATH ANALYSIS - 7.5T PANEL VAN
- SITE / PEDESTRIAN FENCE - *Per Contract Specifications.*
- TRAFFIC CONES & PEDESTRIAN FENCE / BARRIER (LENGTH / SPACING) ***OR SAFETY BARRIER-***
- *(Where Pedestrian diverted to carriageway & deep excavations)*
- EXISTING PEDESTRIAN PATH *(Min 1.2m Width maintained)*
- *TEMPORARY PEDESTRIAN CROSSING POINT*
- *ACCESS TO BE MAINTAINED*
- SIGN SYMBOL

Xm - Safety Barrier
Xm - Pedestrian Delineation

Greenwood Estate S.
Robinscourt
Centra
Sandown Crest
SPUR HILL
Brook Ave
Palmbury
TOGHER RD
Bealach Isteach SITE ACCESS
Site Access to be managed to ensure no errant vehicle entry
CrTech END
YIELD
STOP
2m
10m
40m
65m
86m
100m
140m
40m / 3m

NOTES:

1. *ALL WORKS ARE TO BE CARRIED OUT IN ACCORDANCE WITH ALL RELEVANT AUTHORITIES & CONTRACT REQUIREMENTS - Manual Shuttle Only. Give & Take at Night (Max Length 25m).*
2. *CONTRACTOR LIAISONS ARE TO BE CARRIED OUT PRIOR TO WORKS & ALL ACCESS REQUIRING ACCESS ARE TO BE MAINTAINED & MANAGED AS AGREED WITH PROPERTY HOLDER.*
3. *TM IS TO BE INSTALLED BY QUALIFIED OPERATIVES & ALL PERTINENT FACTORS RISK ASSESSED PRIOR TO INSTALLATION.*
4. *EXACT SIGNS POSITIONS ARE TO BE AGREED ON SITE AND POSITIONED SO AS NOT TO HINDER PASSAGE OR VISIBILITY (Min Lateral & Height requirements to be met).*
5. *WHERE A PREMISES IS OBSCURED A SIGN OF MIN 1mX1m AS PER THE CONTRACT SPEC IS TO BE DISPLAYED (TBC On Contract Award)*
6. *ACCESS TO ALL PROPERTIES, WHERE NECESSARY IS TO BE MAINTAINED - Additional TMO's may be required to manage access.*
7. *EXISTING STATUTORY SIGNS SHOULD BE PROTECTED IF THEY DO NOT CONFLICT WITH PROPOSED SIGNAGE, OTHERWISE STATUTORY SIGNS SHOULD BE COVERED OR TEMPORARILY RELOCATED*
8. *TEMPORARY TRAFFIC SIGNALS, TEMPORARY TRAFFIC SIGNAGE, TRAFFIC DELINEATORS AND ROAD MARKING ARE TO BE IN ACCORDANCE WITH TRAFFIC SIGNS MANUAL (DOT, NOV 2010)*
9. *SIGN SIZE TO BE PER DOT CHAPTER 8 TABLE 8.3.2.1 & ALL SIGNS ARE TO BE REFLECTIVE.*
10. *WHERE NECESSARY THE PUBLIC SHOULD BE ADVANCE WARNED OF UPCOMING TRAFFIC MANAGEMENT THAT MAY CAUSE DELAY OR INCONVENIENCE (Information Signs to be displayed at locations where traffic may avail of alternate routes - TBC on contract Award)*
11. *TM/PLANT & MACHINERY ARE NOT TO BE PLACED SO NOT TO HINDER VISIBILITY SPLAYS TO THE PASSING PUBLIC.*
12. *ALL TRAFFIC CONES SHALL CONFORM TO BS EN 13422:2004 AND HAVE A REFLECTIVE SLEEVE.*
13. *END OF ROADWORKS TO BE PLACED 20-50m BEYOND TM. ADVANCE WARN SIGNAGE TO BE PLACED Xm IN ADVANCE OF TM OR JUNCTION STOP LINE.*
14. *EXISTING PERMANENT SPEED LIMIT 50km/hr - LEVEL 1(iii)*

50 km/h

COMPOUND LOCATION:
TTOS is to ensure that there is no conflict between the compound site access signage & the Proposed active traffic management Signage.

Stat	Purpose of Issue	Date	Rev	Description	By	Date
RS	Design issue for COMMENT or APPROVAL	16/05/22				

RS - REVIEW STAGE
TS - TENDER STAGE
DS - DESIGN STAGE
AS - APPROVAL STAGE
CS - CONSTRUCTION STAGE

EQUIPMENT REQ'D	QTY
SIGNS	0
CONES	0
PED TAPE	0m
SITE FENCE	0m
LAMPS (If Req)	0
MASSGUARD	0m
DELTA BLOC	0m
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McGinty O'Shea

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Designed:	SA
Drawn:	SA
Checked:	RO'R / CMC'Q
Approved:	AV
CAD File:	21 FO030 REV0
Scale:	1:800 @A3
Date:	16/05/2022

Client: **McGinty O'Shea LTD**

Job No: 21.171

Project Title: **Douglas FRS -Togher Main Works Contract**

Drawing No: 21 FO030

Drawing Title: TEMPORARY TRAFFIC MANAGEMENT LAYOUT FOR TWO WAY TRAFFIC OPERATION (Type A) - Zone 1E TO FACILITATE TOGHER CULVERT WORKS, CORK

Rev: 0

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