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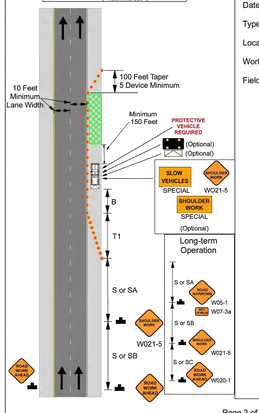
## 616.8.6A (TA-6A) Shoulder Work with Minor Encroachment

| SPEED | SIGN SPACING (ft.) | TAPER LENGTH (ft.) | | RECOMMENDED | CHANNELIZER SPACING (ft.) | |
|---|---|---|---|---|---|---|
| Permanent Posted (mph) | Divided (S) | Shoulder (1) (T1) | Lane (2) (T2) | Buffer Length (ft.) (B) | Tapers | Buffer/ Work Areas |
| 0-35 | 200 | 70 | - | 250 | 35 | 40 |
| 40-45 | 500 | 150 | - | 360 | 40 | 80 |
| 50-55 | 1000 | 185 | - | 495 | 50 | 80 |
| 60-70 | SA - 1000<br>SB - 1500<br>SC - 2640 | 235 | - | 730 | 60 | 120 |

1. Shoulder taper length based on 10 ft. (standard shoulder width) offset. 2. Lane taper length b ased on 12 ft. (standard lane width) offset.

| TYPE OF ROADWAY | SIGN HEIGHT (MINIMUM) | MAXIMUM WORK ZONE LENGTH (L) |
|---|---|---|
| URBAN | 7' Post | 1 Mi. |
| RURAL DIVIDED | 7' Post | 2 Mi. |
| VEHICLE | 48 Inches Recommended | - |

Channelizer
Sign
Flashing Arrow Panel
Protective Vehicle
Truck Mounted Attenuator (TMA)
Work Space




Date:

Type of Work:

Location:

Work Zone Specialist:

Field Notes:

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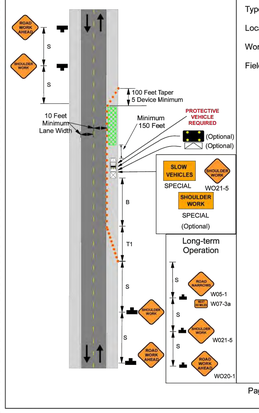
## 616.8.6A (TA-6A) Shoulder Work with Minor Encroachment

| SPEED | SIGN SPACING (ft.) | TAPER LENGTH (ft.) | | RECOMMENDED | CHANNELIZER SPACING (ft.) | |
|---|---|---|---|---|---|---|
| Permanent Posted (mph) | Undivided (S) | Shoulder (1) (T1) | Lane (2) (T2) | Buffer Length (ft.) (B) | Tapers | Buffer/ Work Areas |
| 0-35 | 200 | 70 | - | 250 | 35 | 40 |
| 40-45 | 350 | 150 | - | 360 | 40 | 80 |
| 50-55 | 500 | 185 | - | 495 | 50 | 80 |
| 60-70 | 1000 | 235 | - | 730 | 60 | 120 |

1. Shoulder taper length based on 10 ft. (standard shoulder width) offset. 2. Lane taper length b ased on 12 ft. (standard lane width) offset.

| TYPE OF ROADWAY | SIGN HEIGHT (MINIMUM) | MAXIMUM WORK ZONE LENGTH (L) |
|---|---|---|
| URBAN | 1' Portable<br>7' Post | 1 Mi. |
| RURAL DIVIDED | 1' Portable<br>7' Post | 2 Mi. |
| VEHICLE | 48 Inches Recommended | - |

Channelizer
Sign
Flashing Arrow Panel
Protective Vehicle
Truck Mounted Attenuator (TMA)
Work Space




Date:

Type of Work:

Location:

Work Zone Specialist:

Field Notes:

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9/2023


hdesigngroup
architecture + design

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**OWNER**

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**REVISIONS**

| NO. | DESCRIPTION | DATE |
|---|---|---|
| 1 | ADDENDUM #01 | 10/5/2023 |

PROJECT NO.: 2207920 DRAWN BY: A. JONES
DATE: 9-15-2023 REVIEWED BY: M. FOGARTY

**PROFESSIONAL SEAL**

ENGINEERS AUTHENTICATION
The responsibility for professional engineering liability on this project is hereby limited to the set of plans authenticated by the seal, signature, and date hereunder attached. Responsibility is disclaimed for all other engineering plans involved in this project and specifically excludes revisions after this date unless reauthenticated.
STEVEN D. MARION P.E.
PROFESSIONAL ENGINEER
PE 2006037195

**PROJECT TITLE**
**O'FALLON PUBLIC WORKS FACILITY**

PROJECT ADDRESS:
1101 OLD E TERRA LANE
O'FALLON, MO 63366

**MODOT TRAFFIC CONTROL DETAILS**

SHEET
C-701

PERMIT SET

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