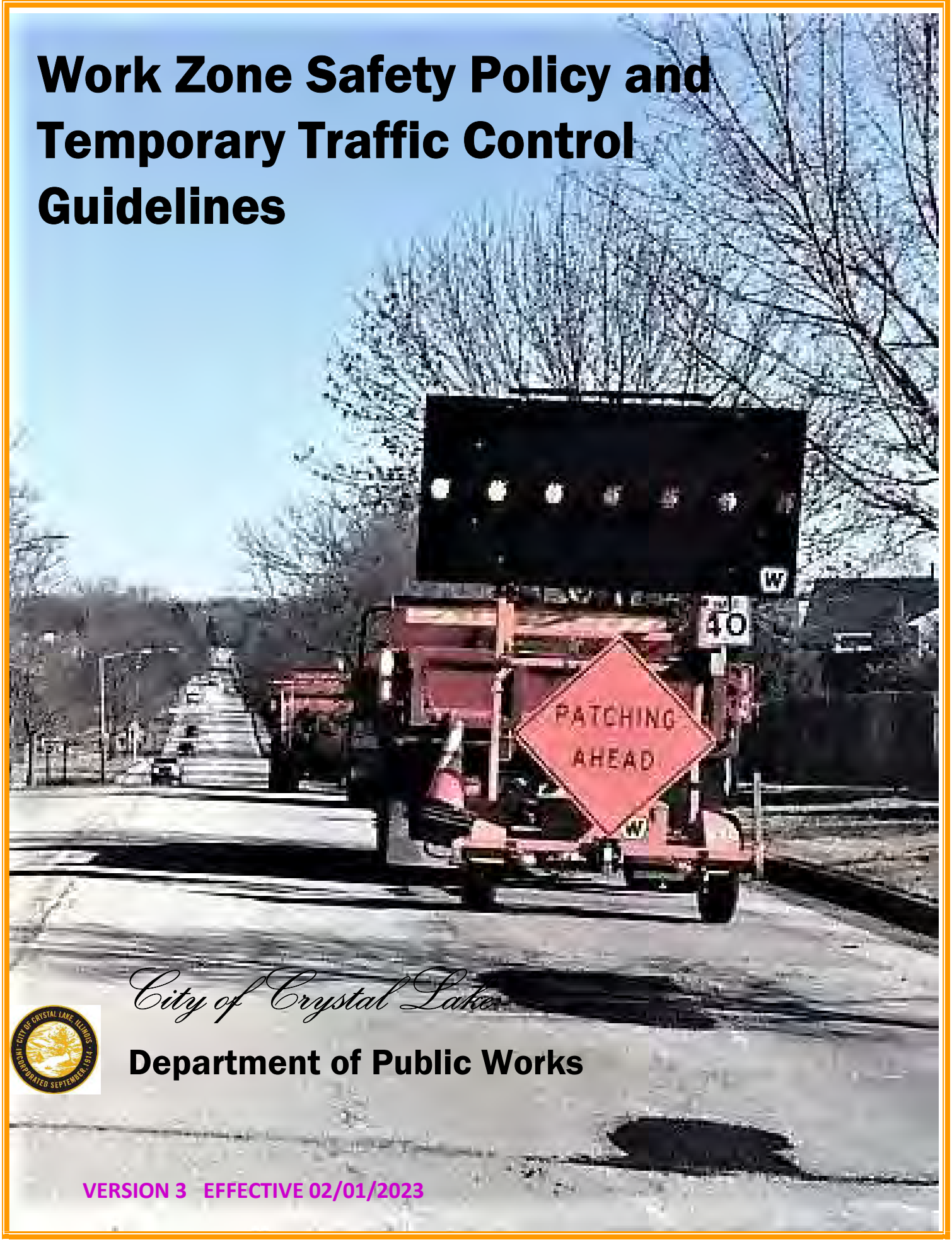
Work Zone Safety Policy and Temporary Traffic Control Guidelines



City of Crystal Lake

Department of Public Works

VERSION 3 EFFECTIVE 02/01/2023

NOTE TO EMPLOYEES

This policy and guidelines are for use by City of Crystal Lake Public Works Department Employees involved with the development, placement and working in areas controlled by temporary traffic control (TTC) devices (work zones). Proper placement of traffic control devices is essential for the safety of workers and the motoring public.

This policy and guide is not intended to provide instructions for every situation that may require traffic control. It does provide direction and examples for common maintenance operations conducted by the Crystal Lake Public Works Department. Illustrations contained in this policy and guidelines were derived from or are in accordance with the Manual on Uniform Traffic Control Devices (MUTCD) published by the Federal Highway Administration (FHWA) of the United States Department of Transportation (USDOT), 2009 Edition (revised) and the Illinois Supplement to the National Manual on Uniform Traffic Control Devices, 2009 Edition, published by the Illinois Department of Transportation (IDOT) Revision 3, June, 2021

Acknowledgements

Information and illustrations contained within this guide are from:

- Manual on Uniform Traffic Control Devices (MUTCD), FHWA 2009 Edition
- Illinois Department of Transportation Highway Standards
- City of Crystal Lake

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Policy Statement

THE SAFETY AND PROTECTION OF OUR EMPLOYEES AND THE MOTORING PUBLIC IS OF THE UTMOST IMPORTANCE. This policy provides guidance and requirements for the safe operation of the Public Works Department's maintenance operations and work zones that are exposed to traffic hazards.

Work conducted by the Public Works Department will conform to the most recent editions of the Manual on Uniform Traffic Control Devices for Streets and Highways (MUTCD) as published by the United States Department of Transportation, Federal Highway Administration and the Illinois Supplement to the National Manual on Uniform Traffic Control Devices as published by the Illinois Department of Transportation.

All City of Crystal Lake Department of Public Works employees whose job responsibilities involve working outside will be trained in work zone safety and temporary traffic control. All City of Crystal Lake Department of Public Works employees shall abide by the requirements of this policy. Failure to abide by this policy will lead to disciplinary action that may include termination of employment.

Application

This policy applies to employees:

1. Staging, standing or working within a public right-of-way or areas of active traffic. This includes driveways, parking lots and access roads that are open to the public.

2. Working within a work zone, placing temporary traffic control devices or operating temporary traffic control devices for work conducted by City of Crystal Lake Department of Public Works.

This policy addresses:

- Safety Apparel
- Warning Lights on City Vehicles and Equipment
- Principles of Traffic Control Devices
- Temporary Traffic Control Devices
- Components of a Temporary Traffic Control (TTC) Zone
- Roadway Classifications for TTC ***Red Routes***
- Typical Applications for Operating in Traffic and TTC zones
- Deviations from Policy
- Minimum Training Requirements

This policy supersedes all City of Crystal Lake Department of Public Works' Work Zone Policies.

Safety Apparel

Work zones and TTC zones present temporary and constantly changing conditions that may be unexpected by drivers. Likewise, equipment and vehicles moving within the work zone create a risk to workers on foot.

All workers who are within the right-of-way or exposed to traffic, work vehicles and construction equipment within a work zone shall wear high visibility safety apparel that meets the Performance Class 3 requirements of ANSI/ISEA 107-2015 for Type "R" work, and labeled as meeting this ANSI standard.

The Superintendent of Streets shall make the selection of the appropriate Class 3 safety vest and T-shirts (color and banding) and will be responsible for distributing vests and T-shirts to all Public Works employees in accordance with Department policy. Examples of Class 3 safety vests and T-shirts are depicted below.





Safety vests will be inspected annually for reflectivity and replaced if needed. T-shirts will be replaced annually. If a T-shirt is determined to no longer be reflective, the employee will be required to wear a safety vest.

Warning Lights on City Vehicles and Equipment

City owned vehicles and equipment in the Public Works Department are equipped with varying types of warning lights and vehicle mounted signage. The Public Work's Department's operating requirements are:

1. All vehicles shall have the headlights on at all times unless parked in a designated parking space and no work is taking place in the right-of-way.

2. All vehicles and equipment utilized during snow removal operations shall operate with all headlights, warning lights, strobes, etc. activated at all times.

3. When approaching a work area or slowing down to stop, all warning lights, strobes, etc. shall be activated prior to decelerating and remain on for the duration of the work.

4. All vehicles and equipment stopped within the right-of-way shall operate with headlights and all warning lights on for the duration of the stop unless they are parked in a designated parking zone, the driver has exited the vehicle and is beyond the right-of-way (service call, lift station check).

5. Vehicles and equipment operating at 5 mph below the speed limit or slower, making frequent or sporadic stops shall operate with all headlights, warning lights, strobes, etc. activated at all times.

6. All vehicles and equipment equipped with "arrow stick" style lights shall have the arrow sticks activated when the vehicle/equipment's warning lights, strobes, etc. are activated. Arrow stick shall operate with the appropriate display depending on the application:

    - Flashing caution when operating at 5 mph below the speed limit or slower, shoulder/parking lane work, blocking the shoulder/parking lane, roadside work off the pavement, or for temporarily closing one lane on a two-lane roadway.

    - Sequential merge (arrow sequence) shall only be used on multi-lane roadways (two or more through lanes in same direction) and only for lanes closures.

Principles of Traffic Control Devices

The purpose of traffic control devices is to promote highway safety. Traffic control devices provide warning and guidance to minimize the occurrences of crashes. A key principle of the design and placement of traffic control devices is providing roadway users adequate time to see (detection), understand (recognition), decide on a course of action (decision), and implement that decision (reaction). This is referred to as Perception Response Time (PRT). For a sign this involves seeing the sign, understanding its meaning, making a decision (to stop, slow down, change lanes, etc.) and then

implementing that decision (hitting the brake, making a lane change maneuver) (reference MUTCD Sections 1A.01, 04, 2C.01, 05).

To be effective, the MUTCD identifies five basic requirements for a traffic control device:

- Fulfill a need;
- Command attention;
- Convey a clear, simple meaning;
- Command respect from road user; and
- Give adequate time for proper response.

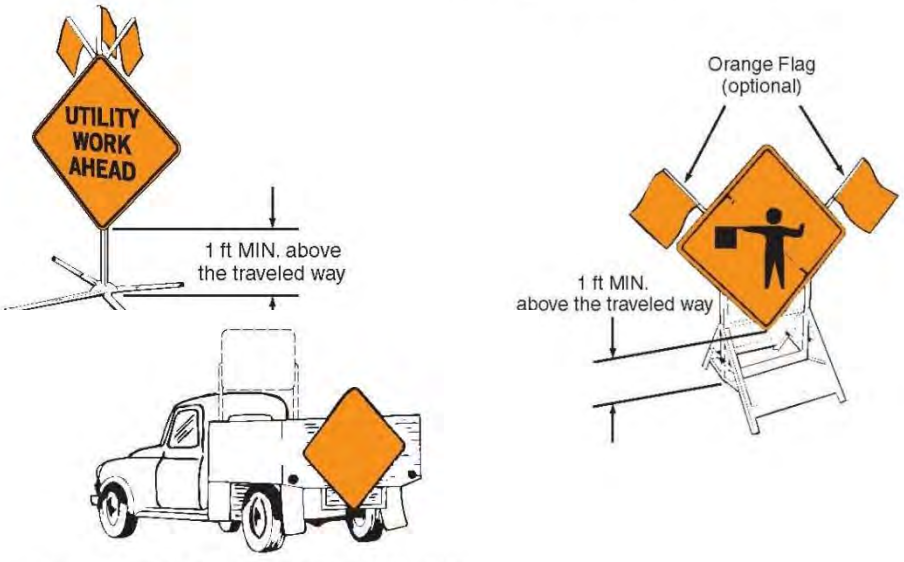
Warning signs, like those used in Temporary Traffic Control (TTC) work zones call attention to unexpected conditions. Warning signs alert road users to conditions that might call for a reduction of speed or an action in the interest of safety (reference MUTCD Section 2C.01).

Temporary Traffic Control Devices

Signs, channelizing devices (barricades and cones), arrow sticks and arrow boards used for temporary traffic control operations conducted by the Public Works Department shall conform to the MUTCD. To promote consistency between divisions of the Public Works Department, the following guidelines are established:

1. Portable standalone signs or signs mounted on vehicles shall be mounted at least 1 foot above the traveled way (pavement) in accordance with the MUTCD (see excerpt below):

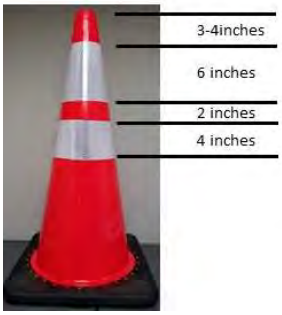
Figure 6F-2. Methods of Mounting Signs Other Than on Posts



PORTABLE AND TEMPORARY MOUNTINGS

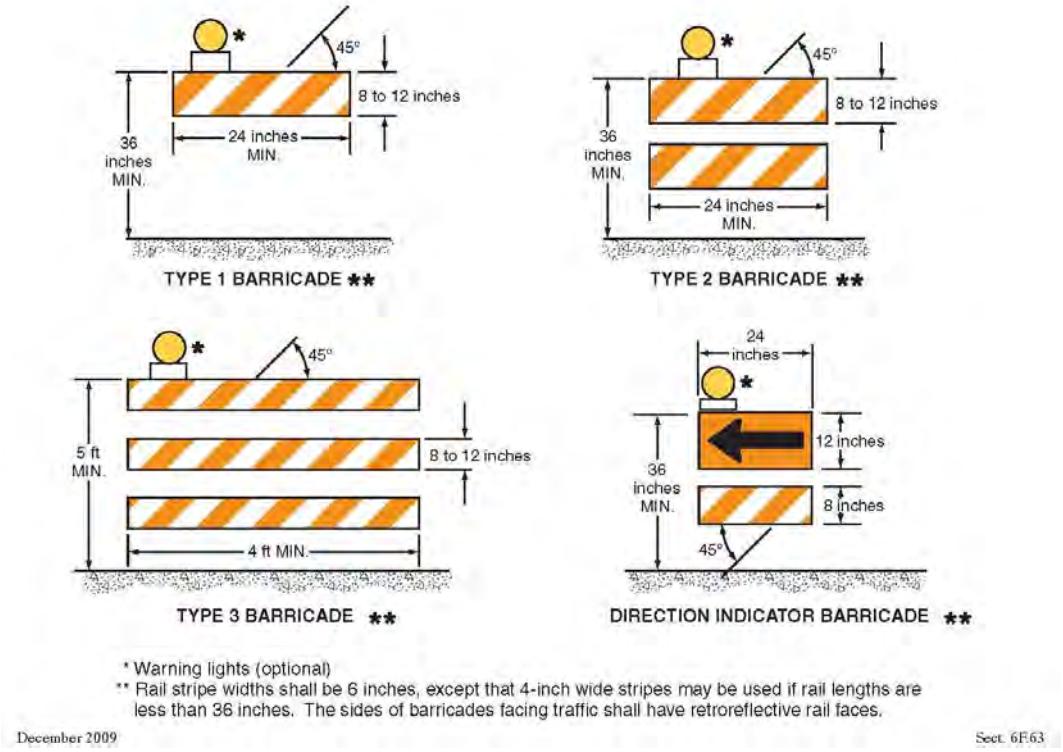
2. All TTC signs shall meet the size requirements of Table 6F-1 of the MUTCD. Table 6F-1 requires that warning signs be a minimum of 36 x 36 inches. Care should be taken in locating TTC signs to avoid blocking sidewalks, bike paths, driveways, and visibility of adjacent intersections and driveways.

   Cones utilized for Public Works Department work zones shall be a minimum of 28 inches tall with two retroreflective bands in accordance with the MUTCD (see picture to right).



   Cones should be stored on the front of the vehicle (cone bracket if present), passenger side corner behind cab of pickup trucks or inside vehicle (CARS, vans, service trucks). Cones should be deployed from the front or passenger side of the vehicle. ***Avoid deploying cones from back of vehicle and never on the traffic side of vehicle.***

3. Type 1, 2, and 3 barricades utilized for Public Works Department work zones shall meet the requirements of the MUTCD Part 6 for temporary channelizing devices (see below and MUTCD Section 6F.63).

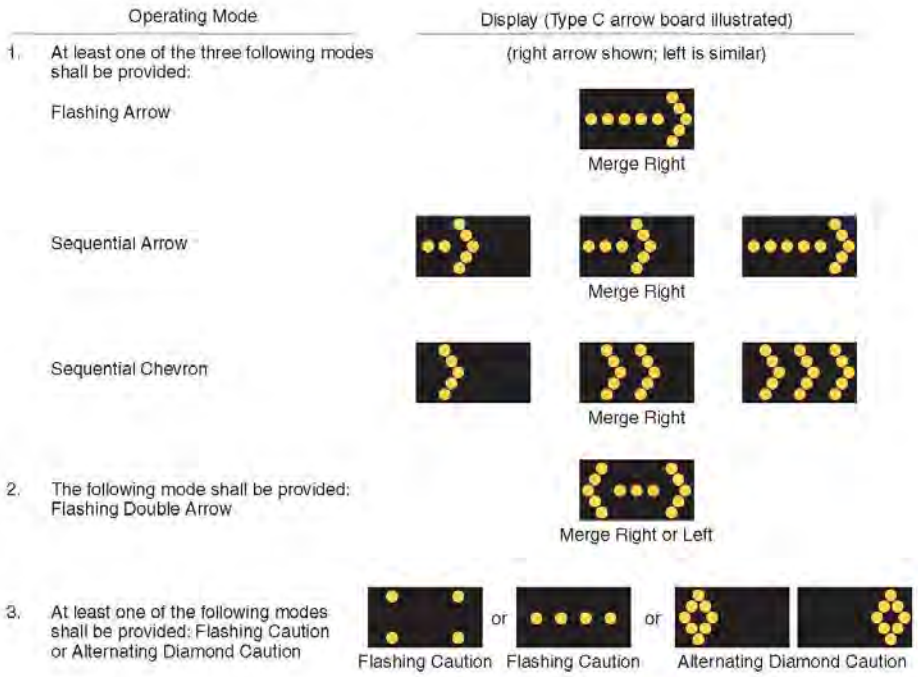


4. Arrow Boards shall meet the requirements of Section 6F.61 of the MUTCD, Type B (60 x 30 inches, min. 13 elements). Arrow Boards shall operate in the high intensity mode. Automatic mode is not to be used when workers are present. Arrow Board and arrow stick displays shall conform to the MUTCD as noted below and depicted on the excerpt from the MUTCD.

   - Flashing caution for shoulder/parking lane work, blocking the shoulder/parking lane, roadside work off the pavement, or for temporarily closing one lane on a two-lane roadway.

   - DO NOT utilize sequential merge operation (moving arrow) unless there are **two or more through lanes** in same direction. (e.g. Main St., US Route 14)

Figure 6F-6. Advance Warning Arrow Board Display Specifications



Condition and Inspection of Traffic Control Devices

All signs, barricades, cones, arrow boards, flagger paddles, etc., will be inspected annually by a representative of the Street Division. Damaged equipment will be replaced. It is the employee's responsibility to notify the Streets Division Superintendent of any damaged or work traffic control devices prior to placing them in service.

Flagger Control and Training



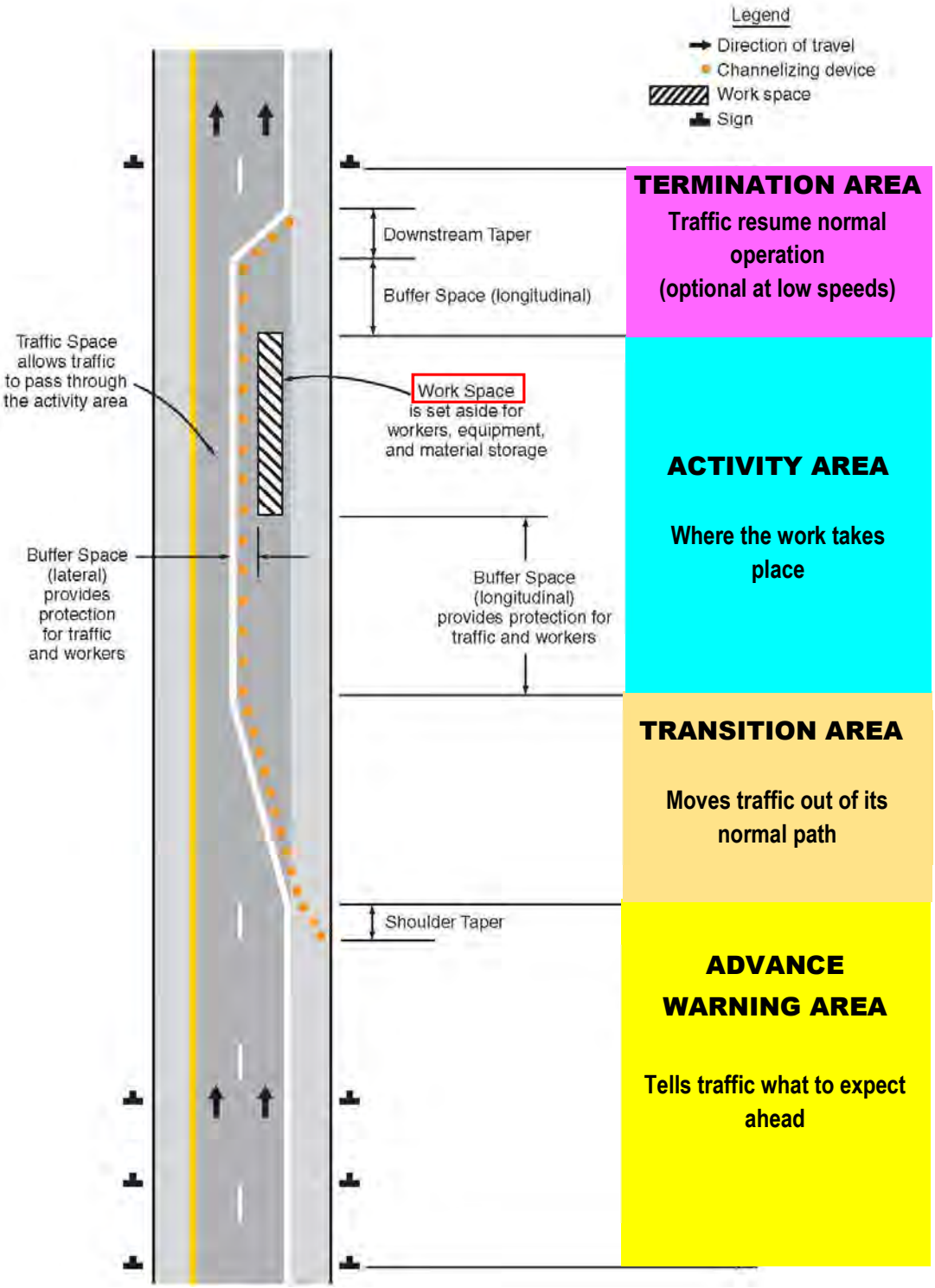
Only full time trained and certified flaggers will be allowed to perform flagging functions within work zones. All full-time non-administrative employees of the Crystal Lake Public Works Department will be trained and certified as flaggers. ***Seasonal and other temporary employees cannot be used as flaggers for Public Works Department work zones.***

Components of a TTC Zone

The MUTCD divides up a TTC into four areas (Section 6C.03):

- Advance warning area
- Transition area
- Activity area (includes work space)
- Termination area

Component Parts of a Temporary Traffic Control Zone (adapted from Figure 6C-1 MUTCD)



Red Routes: Road Designations for TTC Measures

Many factors affect the TTC measures used for a work zone. These factors include, work duration, roadway configuration, traffic volumes, speeds, jurisdiction, etc. Depending on the type and duration of work taking place, roads designated as **Red Routes** may require additional TTC measures. A map of the **Red Routes** is contained in the Appendix.

Red Routes include roads under the jurisdiction of the Illinois Department of Transportation (IDOT) and the McHenry County Division of Transportation (McDOT).

NO WORK IS PERMITTED ON RED ROUTES WITH POSTED SPEED LIMITS greater than 40 MPH without a TTC plan approved by the Director of Public Works or Deputy Director of Public Works.

Typical Applications for Operating in Traffic and TTC

This section presents typical applications for operating in traffic and providing TTC for routine maintenance and inspection activities undertaken by the City of Crystal Lake Department of Public Works. Work duration is a major factor in determining the number and type of devices used in TTC Zones (reference Section 6G.02 MUTCD). **The need to protect worker and motorist safety needs to be balanced against the hazards associated with setting up and removing TTC devices. The typical applications provided in this policy are based on achieving this balance.**

Unique circumstances may require additional TTC measures (work near railroads, signalized intersections, limited visibility, etc.). If in doubt, ask your Supervisor or Superintendent.

- The City's Typical Applications (TA's) do not include work zones that will be left overnight or for greater than 8 hours. Works zones of this nature require an individual TTC plan.
- Work zones/closures within intersections or affecting intersections with turn lanes will require a TTC plan approval from a PW Supervisor or Superintendent.
- Complex or involved TTC plans may require additional personal and blocking vehicles during implementation of a TTC zone.
- Pedestrian, bicycle and ADA considerations need to be incorporated into TTC plans and application
- If there is a lack of compliance by motorists to TTC measures, contact SEECOM and require police enforcement.

The following flow chart, Table 1 and corresponding exhibits identify the required TTC measures for these typical applications. The typical applications provided in this policy and guidelines are based MUTCD standards, support and guidance.

Selection of Temporary Traffic Control (TCC) Flow Chart

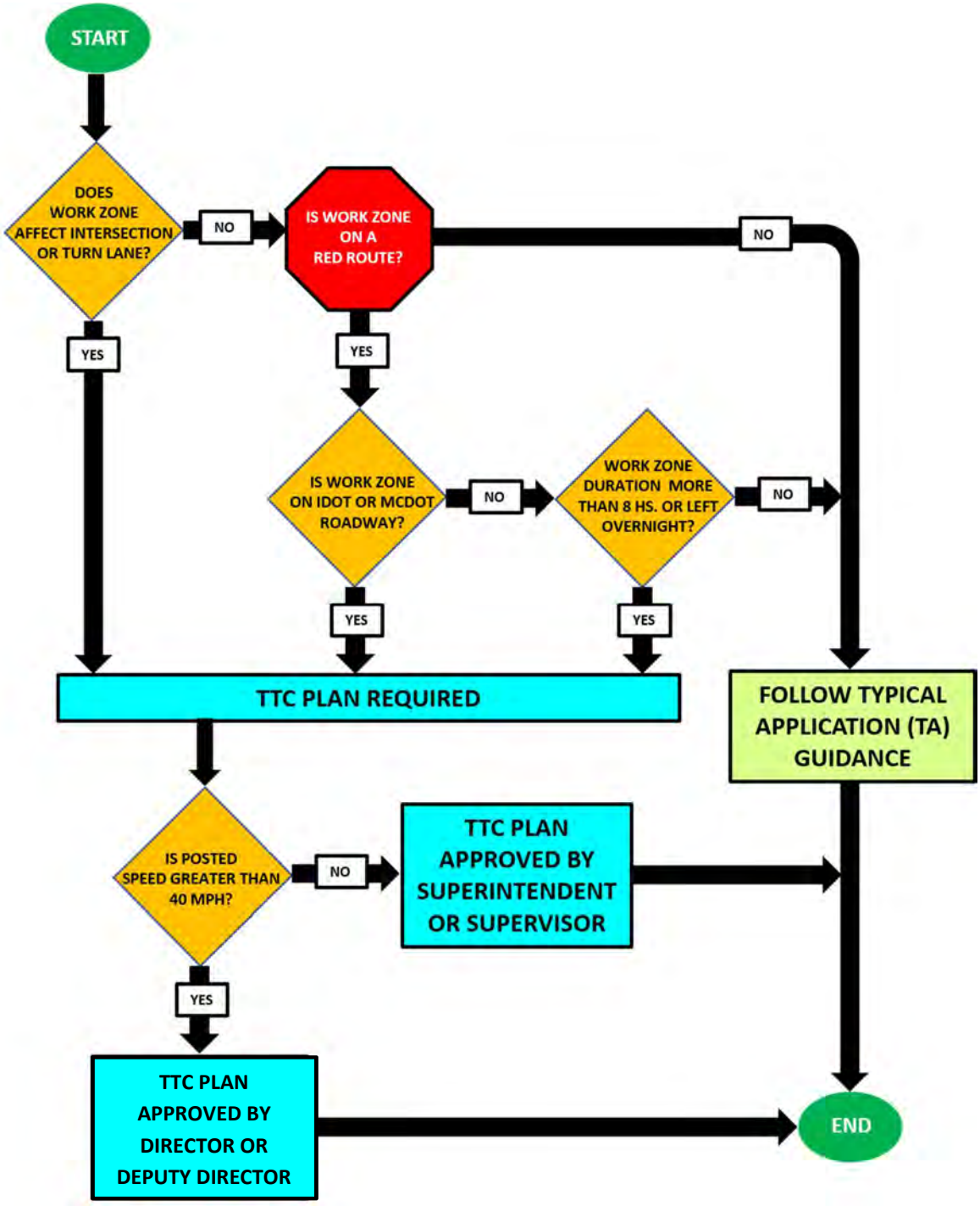


Table 1: Typical Applications for Operating in Traffic and Temporary Traffic Control (TCC) Measures

Typical Application	Typical Application and Description	MUTCD Supporting Sections	Additional *Red Route* Requirements?
SHORT DURATION WITH NO LANE CLOSURES			
CLTA-1	Stopped in permitted parking area NO WORK in roadway.	N/A	No
CLTA-2	Incident response (debris removal) ***less than 5 minutes***, 40 mph or less	6I.04	See note below
CLTA-3	5 minutes to 1 hr. (work on parking lane or shoulder)	6G.02, 6H TA-3, TA-6	Arrow stick or Arrow Board
MOBILE OPERATIONS			
CLTA-4	Moving operation, single lane, speed 40 mph or less	6H TA-17	Yes
CLTA-5	Moving operation, multi-lane, speed 40 mph or less	IDOT STD 701427-05	No
WORK OUTSIDE THE TRAVELLED WAY (SHOULDER, PARKING LANE OR PARKWAY)			
CLTA-6	Work zone (more than 15 ft. off travelled way) (Entry Way Sign Maintenance)	6H TA-1	YES (see TA figure)
CLTA-7	Work zone between 2 ft. and 15 ft. off travelled way (Entry Way Sign Maintenance)	6H TA-1	YES (see TA figure)
CLTA-8	Work on shoulder or in parking lane	6H TA-3	YES (see TA figure)
CLTA-9	Working off back of truck longer than 5 minutes (applies to tree removal, truck crane work (hydrant replacement, pump pulls) where work of rear of truck is unavoidable.	6H TA-3	YES (see TA figure)
WORK IN THE TRAVELLED WAY			
CLTA-10	Lane Closure on Minor Street	6H TA-18	**NOT ALLOWED ON RED ROUTES**
CLTA-11	Lane Closure on Red Route	6H TA-10	
CLTA-12	Work in Center of Road greater than 1 hour. 2 blocking vehicles and 40 mph or less	6H TA-15	**NOT ALLOWED on IDOT and County routes**
CLTA-13	Work in the Center of a Road less than 1 hour Low Traffic Volumes	6H TA-15	**NOT ALLOWED ON RED ROUTES**
LIFT STATION APPLICATION TABLE			

Note: Traffic conditions may dictate the need for advance signs, additional personnel or other TTC measures and strategies (for example, Emergency JULIE locate during rush hour on high volume street.) **Contact your supervisor or superintendent if you are unclear what is required.**

Deviations from Policy

This policy and guide is not intended to provide guidance for every possible situation that may require traffic control. It does provide direction and examples for common maintenance operations conducted by the City of Crystal Lake Public Works Department. If a deviation from the requirements in this policy are necessary, they are to be approved in advance by the Director of Public Works or Deputy Director of Public Works. Deviations from this policy without prior approval will result in discipline.

Minimum Training Requirements

All full-time, part-time and seasonal non-administrative employees will be trained in the requirements of this policy.

TYPICAL APPLICATIONS FOR OPERATING IN TRAFFIC AND TEMPORARY TRAFFIC CONTROL (TTC) MEASURES

CLTA-1

Stopped in permitted roadway parking area or driveway

No work in roadway or pavement, No Lane Closure

NOTES:

Place magnetic sign on vehicle before leaving PW (meter reading)



Activate all warning lights (strobes/ oscillating lights and arrow board/arrow stick) **before** decelerating.

While in vehicle: Warning light to remain on. Warning lights on until vehicle **has accelerated back to travel speed.**

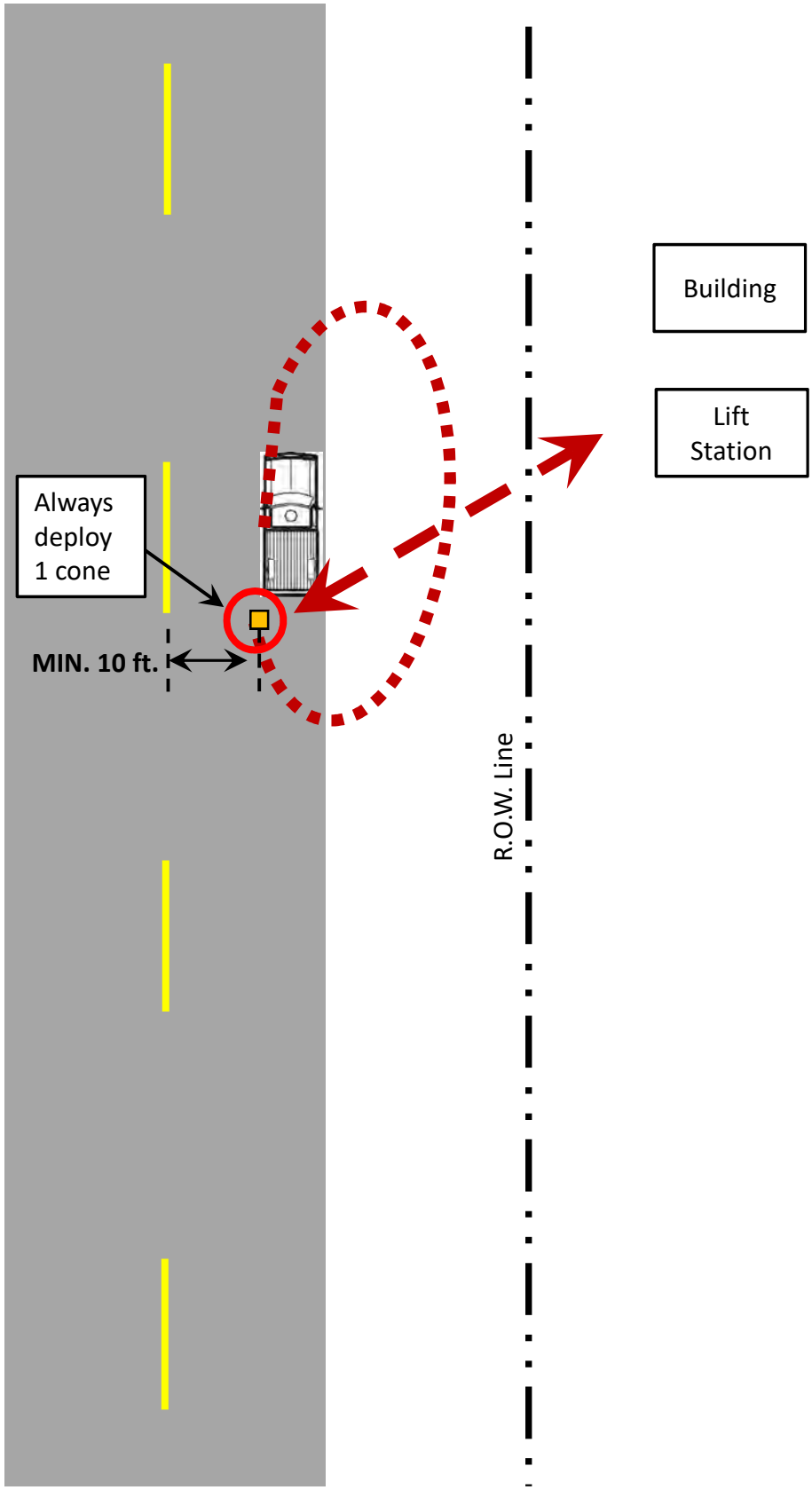
Park as far off roadway pavement as possible.

Check for traffic before exiting vehicle.

FACE TRAFFIC AS MUCH AS POSSIBLE

DO NOT LOOK AT PLANS/MAPS NEAR OR ON THE PAVEMENT

Min. 1 cone at rear vehicle if stopped for more than 5 minutes or exiting vehicle.



CLTA-2: Incident Response (debris removal)

Momentary stop- Up to 5 minutes

Posted Speed Limit 40 mph or less

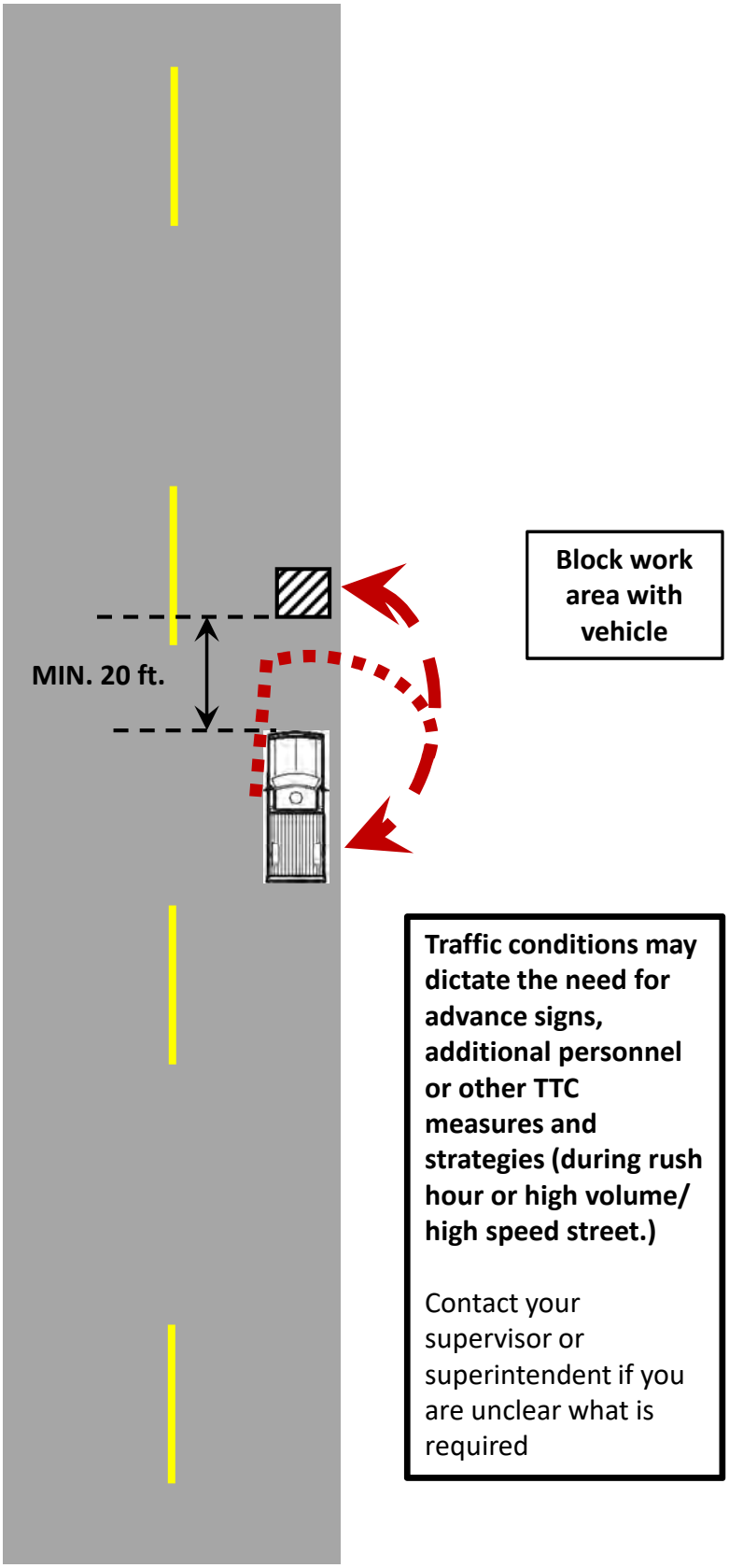
NOTES:

Activate all warning lights (strobes/ oscillating lights/ arrow stick, etc.) **before** decelerating.

Warning light to remain on until work completed and vehicle **has accelerated back to travel speed**.

Check for traffic before exiting vehicle.

Work in front of vehicle and utilize shoulder/parkway.



Block work area with vehicle

Traffic conditions may dictate the need for advance signs, additional personnel or other TTC measures and strategies (during rush hour or high volume/ high speed street.)

Contact your supervisor or superintendent if you are unclear what is required

Work Path

Vehicle Exit/Entry Path

CLTA 3: Short Duration **NO Lane Closure**

Work in Parking Lane or Shoulder - 5 minutes to 1 hour

Posted Speed Limit 40 mph or less

NOTES:

Activate all warning lights (strobes/ oscillating lights and arrow board/arrow stick) before decelerating.

Warning light to remain on until work completed and vehicle has accelerated back to travel speed.

Check for traffic before exiting vehicle.

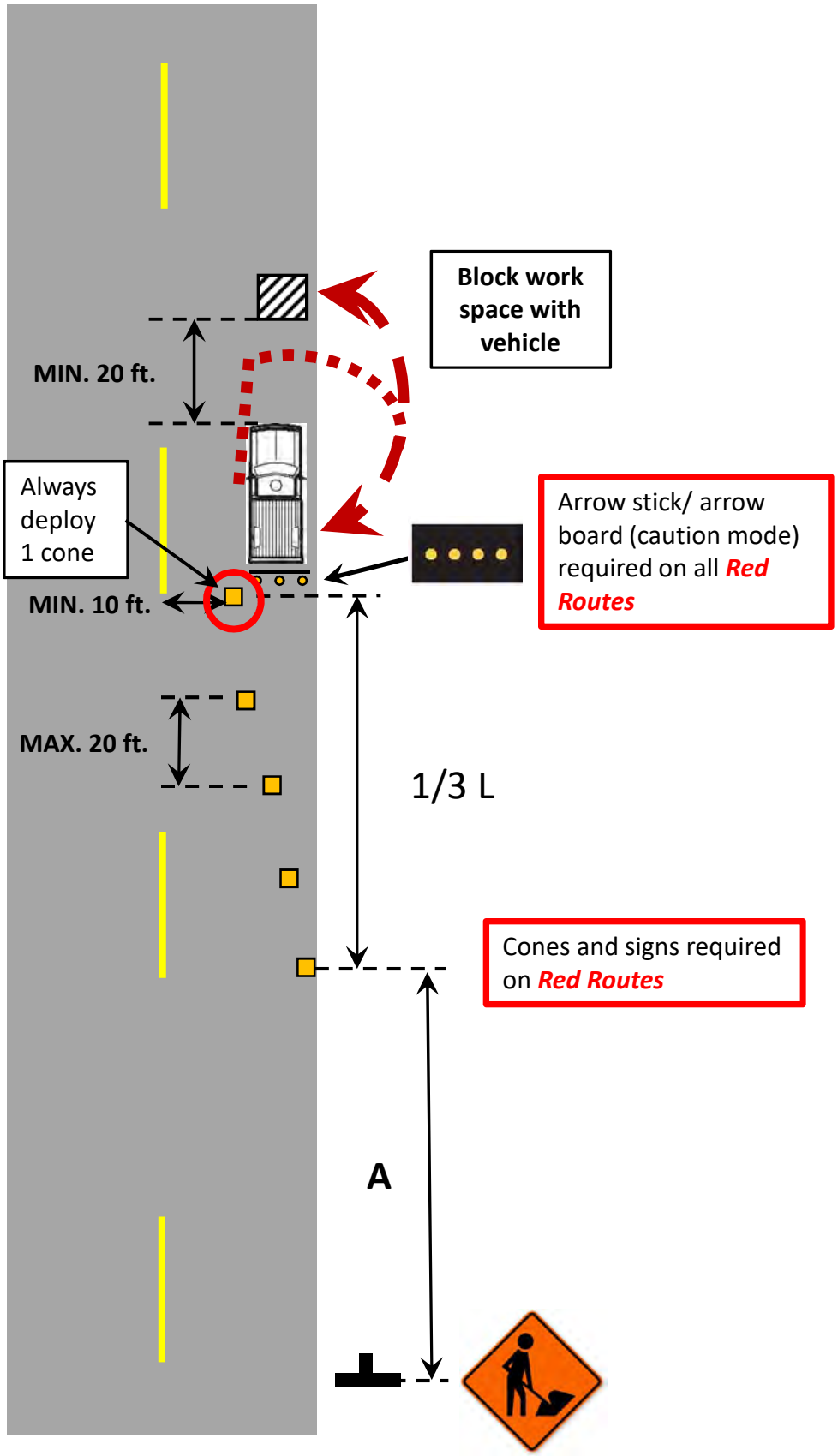
Work in front of vehicle and utilize shoulder/parkway.

Min. 1 cone at rear vehicle.

RED ROUTES:

Minimum of 5 cones to be deployed regardless of taper length.

Maximum distance between cones for tapers should not exceed 20 feet.



12 ft. Wide Work Zone $L = WS^2/60$			
Speed	1/3 L Taper Length (ft).	Min. No. of Cones	Sign Distance (A) ft.
30	60	5	100
35	82	5	100
40	107	6	200

CLTA 4: Moving Operations – Single Lane in each Direction
Posted Speed Limit 40 mph or Below

NOTES:

Activate all warning lights (strobes/ oscillating lights and arrow board/arrow stick).

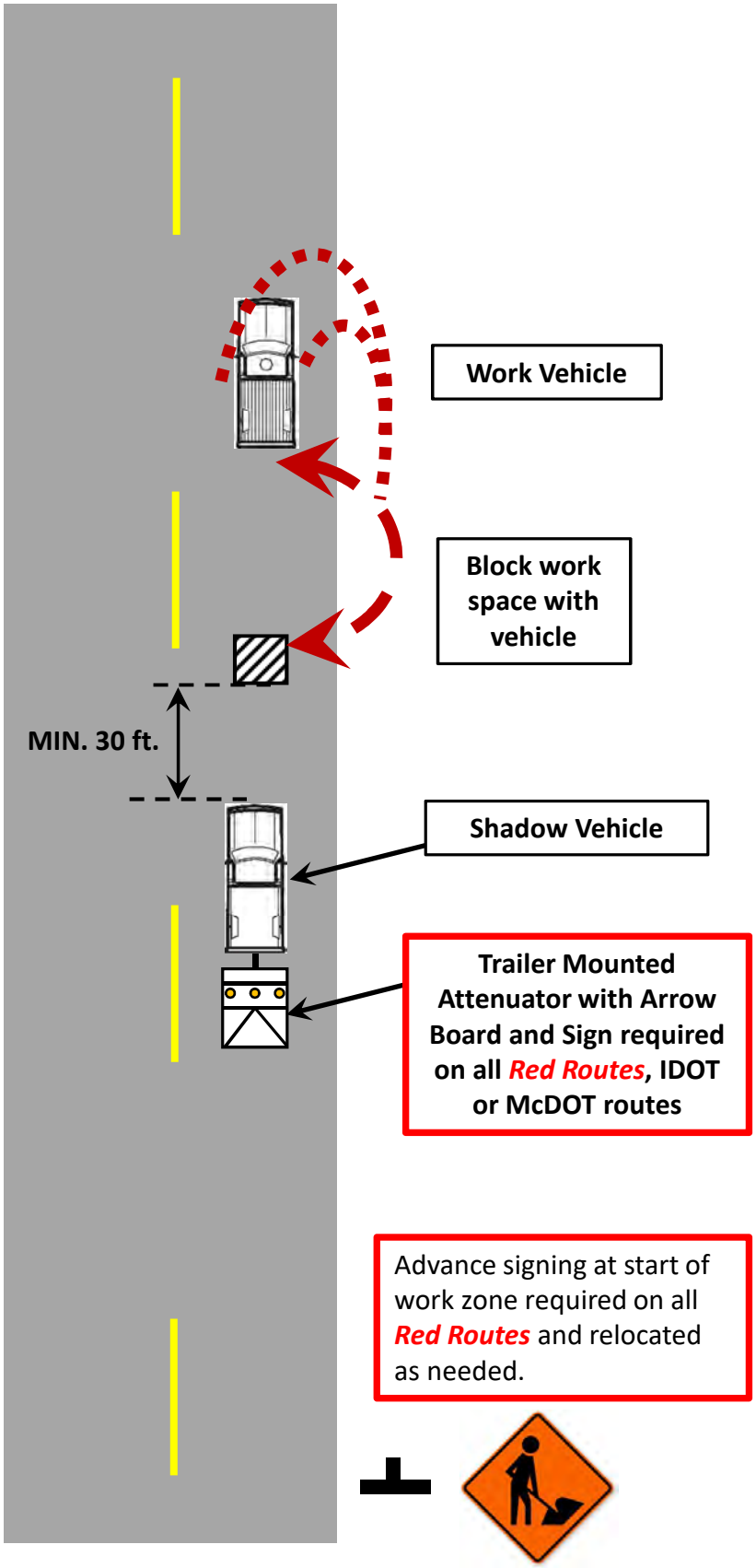
Warning light to remain on until work completed and vehicle has accelerated back to travel speed.

Check for traffic before exiting vehicle.

Trailer mounted attenuator (TMA) to be used for **moving operations on Red Routes, IDOT or McDOT routes.** **TMA must be pulled by 5 yard dump or larger vehicle.**

Shadow vehicle (1 ton dump truck or larger) with arrow board can be utilized on non-Red Route City Streets with Superintendent approval.





Work Path

Vehicle Exit/Entry Path

CLTA 5: Moving Operations – Two Lanes in each Direction
Curbed Section- Posted Speed Limit 40 mph or Below

NOTES:
Activate all warning lights (strobes/ oscillating lights and arrow board/arrow stick).

Warning light to remain on until work completed and vehicle has accelerated back to travel speed.

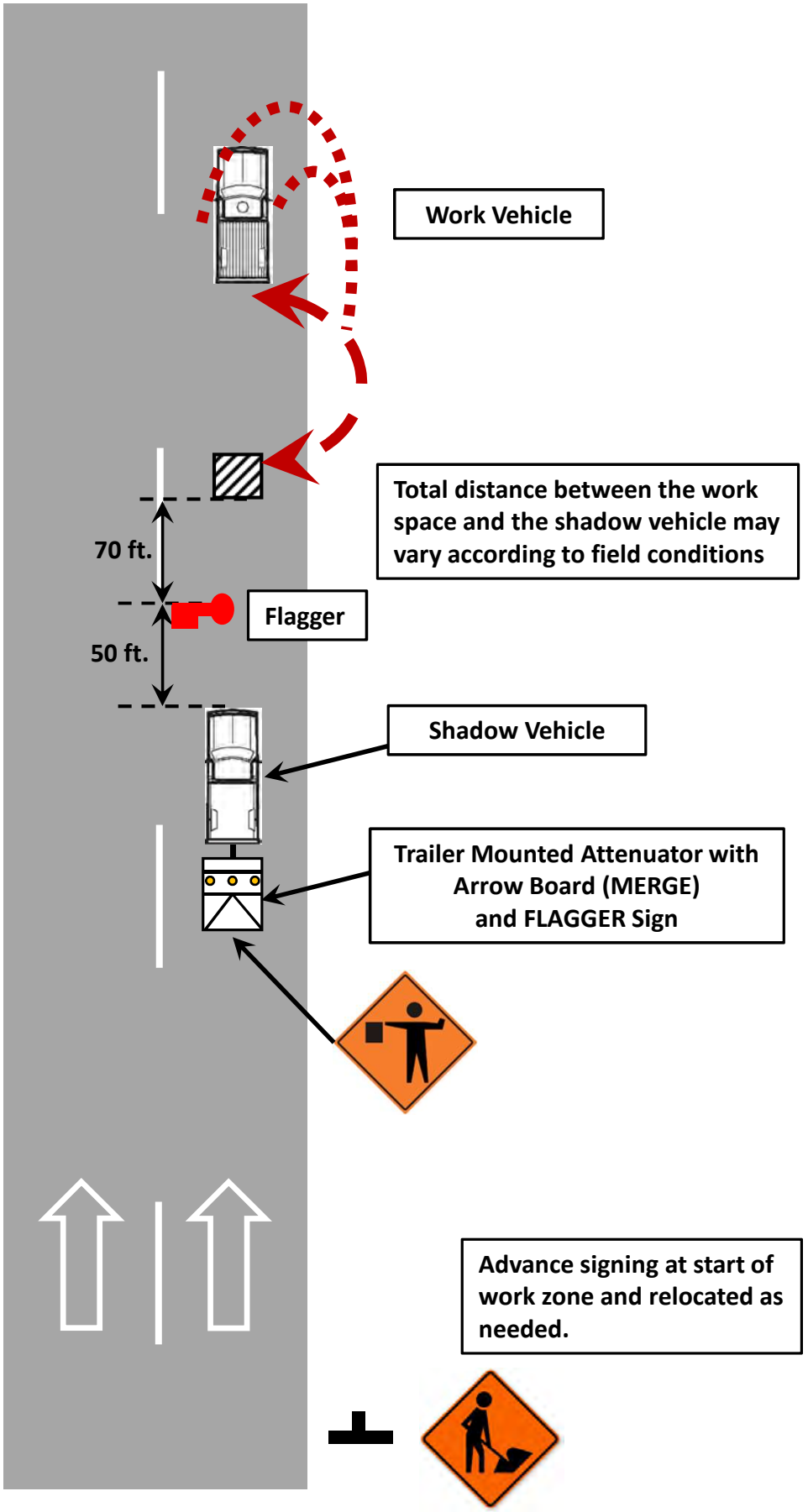
Check for traffic before exiting vehicle.

Shadow vehicle with trailer mounted attenuator (TMA) ***REQUIRED***

TMA must be pulled by 5 yard dump or larger vehicle. (No pick ups).

This standard is applicable to work being performed in the left lane.





Work Path
Vehicle Exit/Entry Path

CLTA 6: OFF ROAD Work Outside Travelled Way
Longer than 1 Hour (including City Entry Signs)

Work Space more than 15 ft. off pavement

NOTES:

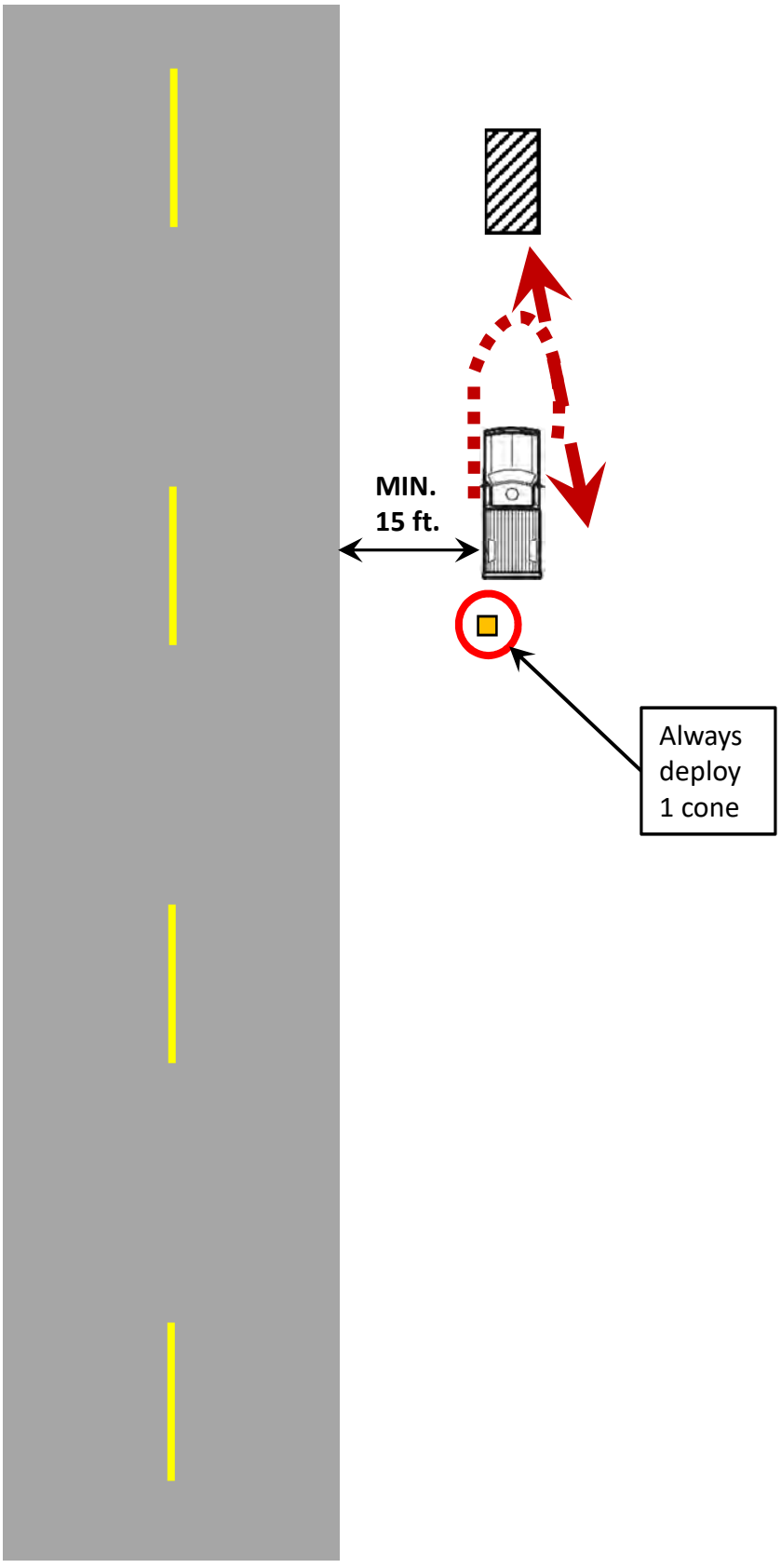
Activate all warning lights (strobes/ oscillating lights ***before decelerating***.

Warning light to remain on until work completed and vehicle has accelerated back to travel speed.

Park as far off roadway pavement as possible.

Check surroundings before exiting vehicle.

Min. 1 cone at rear vehicle.



Work Path

Vehicle Exit/Entry Path

CLTA 7: OFF ROAD Work Outside Travelled Way
Longer than 1 Hour (including City Entry Signs)
Work Space between 2 feet and 15 ft. off pavement

NOTES:
Activate all warning lights (strobes/ oscillating lights and arrow board/arrow stick) ***before decelerating***.

Warning light to remain on until work completed and vehicle has accelerated back to travel speed.

Park as far off roadway pavement as possible.

Check for traffic before exiting vehicle.

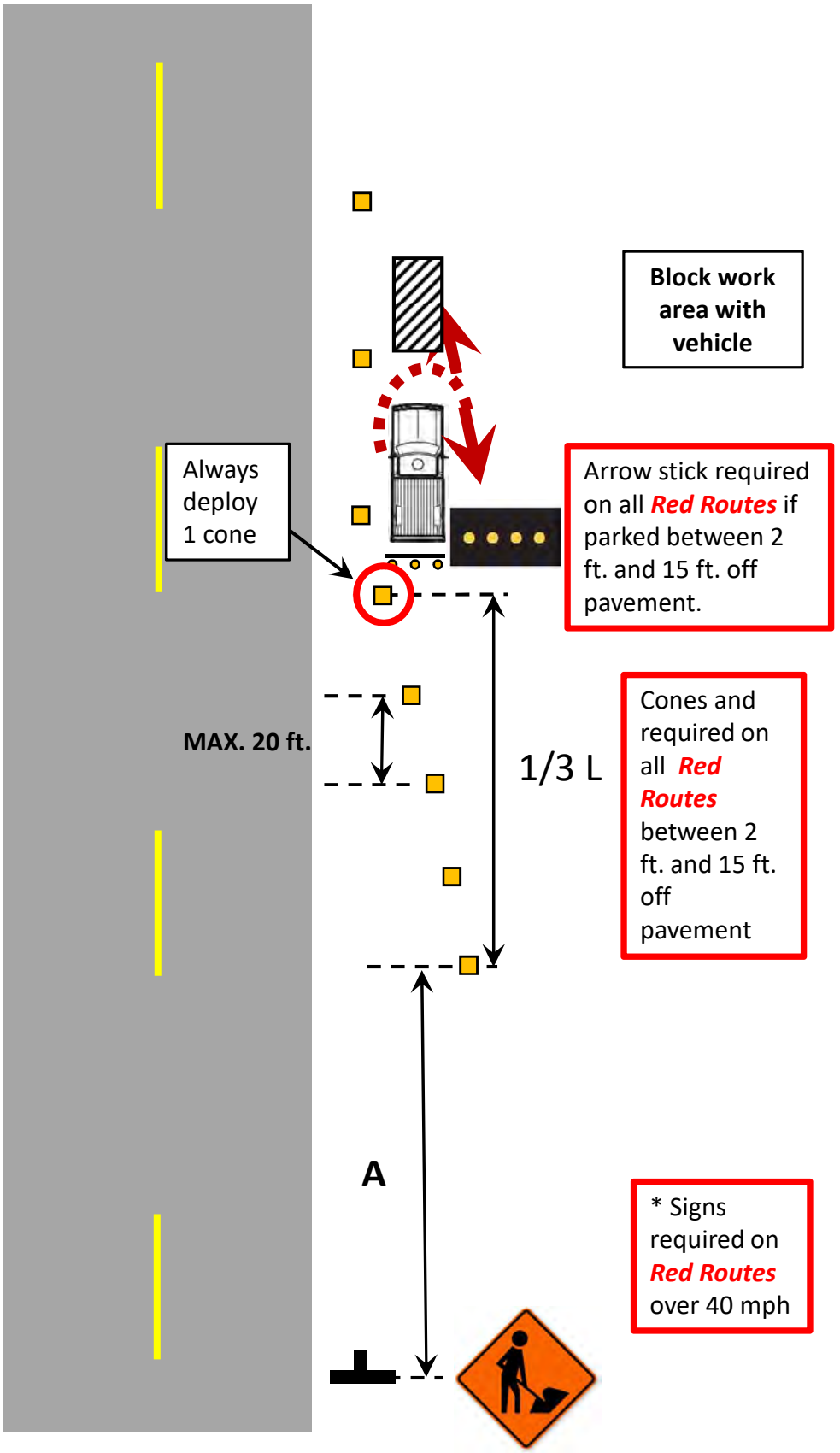
Min. 1 cone at rear vehicle if stopped and exiting vehicle.

Minimum of 5 cones to be deployed regardless of taper length.

Tangent cone spacing minimum 2 times speed limit.

Taper, Cone and Sign Distances

Speed	1/3 L Taper Length (ft.)	Min. No. of Taper Cones	Sign Distance (A) ft.
30	60	5	100
35	82	6	100
40	107	7	200



CLTA 8: Work in Parking Lane or Shoulder
Longer than 1 hour
Posted Speed Limit 40 mph or less

NOTES:
Activate all warning lights (strobes/ oscillating lights and arrow board/arrow stick) before decelerating.

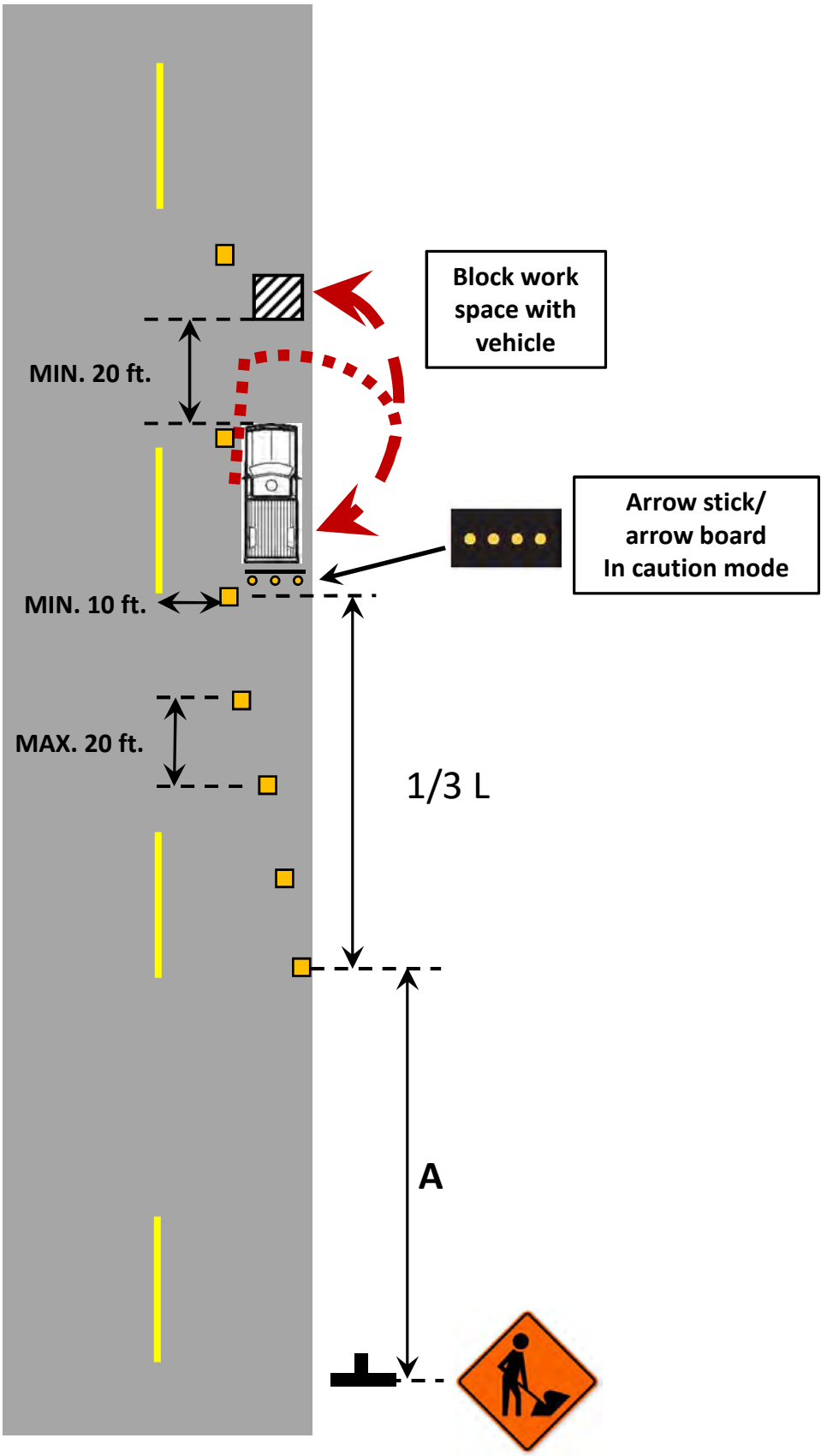
Warning light to remain on until work completed and vehicle has accelerated back to travel speed.

Check for traffic before exiting vehicle.

Work in front of vehicle and utilize shoulder/parkway.

Minimum of 5 cones to be deployed regardless of taper length.

Tangent cone spacing max. 40 feet.



12 ft. Wide Work Zone $L = WS^2/60$			
Speed	1/3 L Taper Length (ft.)	Min. No. of Taper Cones	Sign Distance (A) ft.
30	60	5	100
35	82	6	100
40	107	7	200

Work Path
Vehicle Exit/Entry Path

CLTA 9: Required Work off Back of Truck in Parking Lane or Shoulder Working at Back of Truck Longer than 15 minutes Posted Speed Limit 40 mph or less

NOTES:

Activate all warning lights (strobes/ oscillating lights and arrow board/arrow stick) before decelerating.

Warning light to remain on until work completed and vehicle has accelerated back to travel speed.

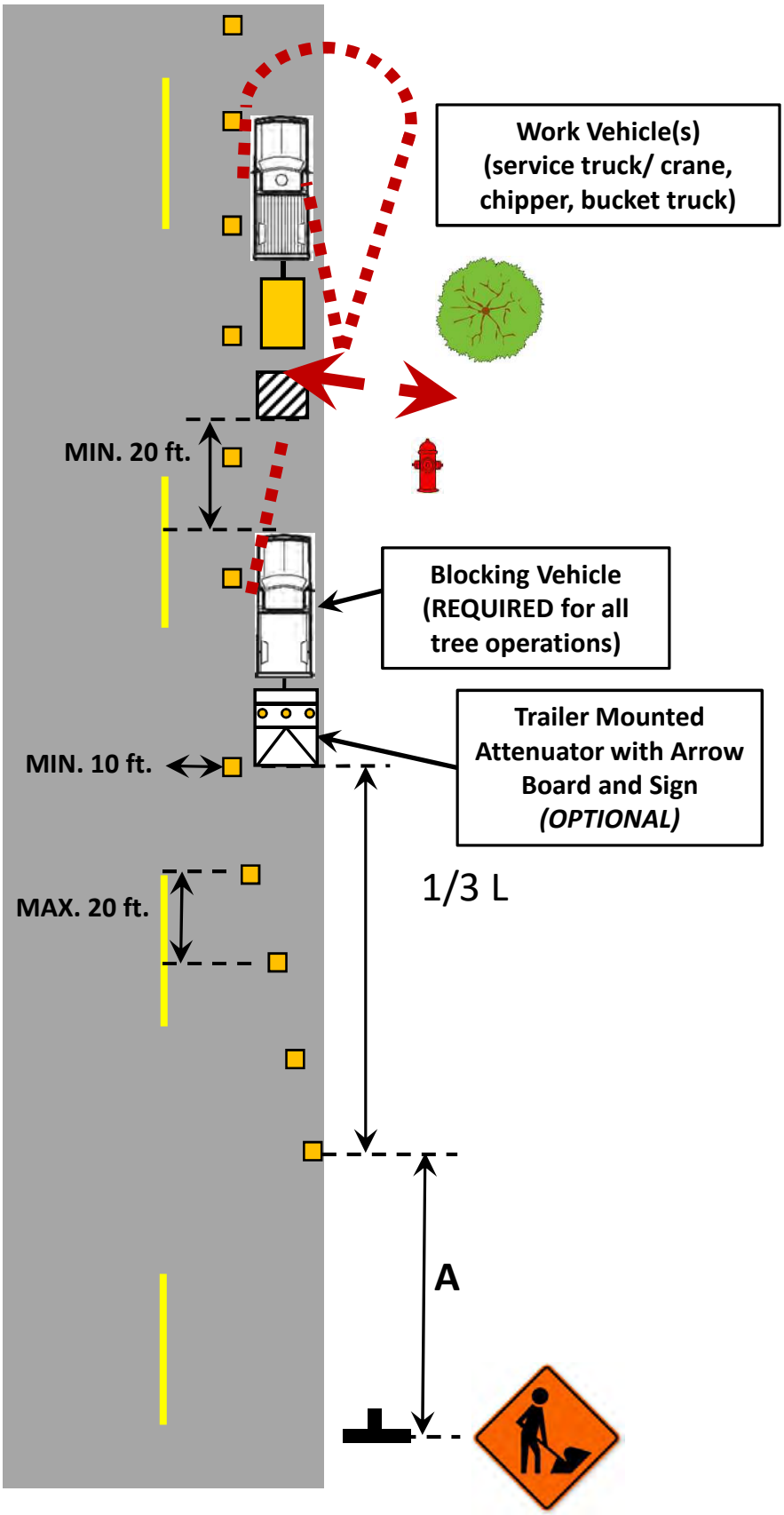
Check for traffic before exiting vehicle.

Work in front of vehicle and utilize shoulder/parkway.

Minimum of 5 cones to be deployed regardless of taper length.

Tangent cone spacing max. 40 feet.

For lane closures see CLTA 10, **CTA-11 (Red Route)**



12 ft. Wide Work Zone $L = WS^2/60$			
Speed	1/3L Taper Length (ft.)	Min. No. of Taper Cones	Sign Distance (A) ft.
30	60	5	100
35	82	6	100
40	107	7	200

Work Path

Vehicle Exit/Entry Path

CLTA-10: Lane Closure on Minor Street

(Where work space is short and road users can see the roadway beyond)

NOT ALLOWED ON RED ROUTES



NOTES:

Activate all warning lights (strobes/ oscillating lights and arrow board/arrow stick) before decelerating.

Warning light to remain on until work completed and vehicle has accelerated back to travel speed.

Check for traffic before exiting vehicle.

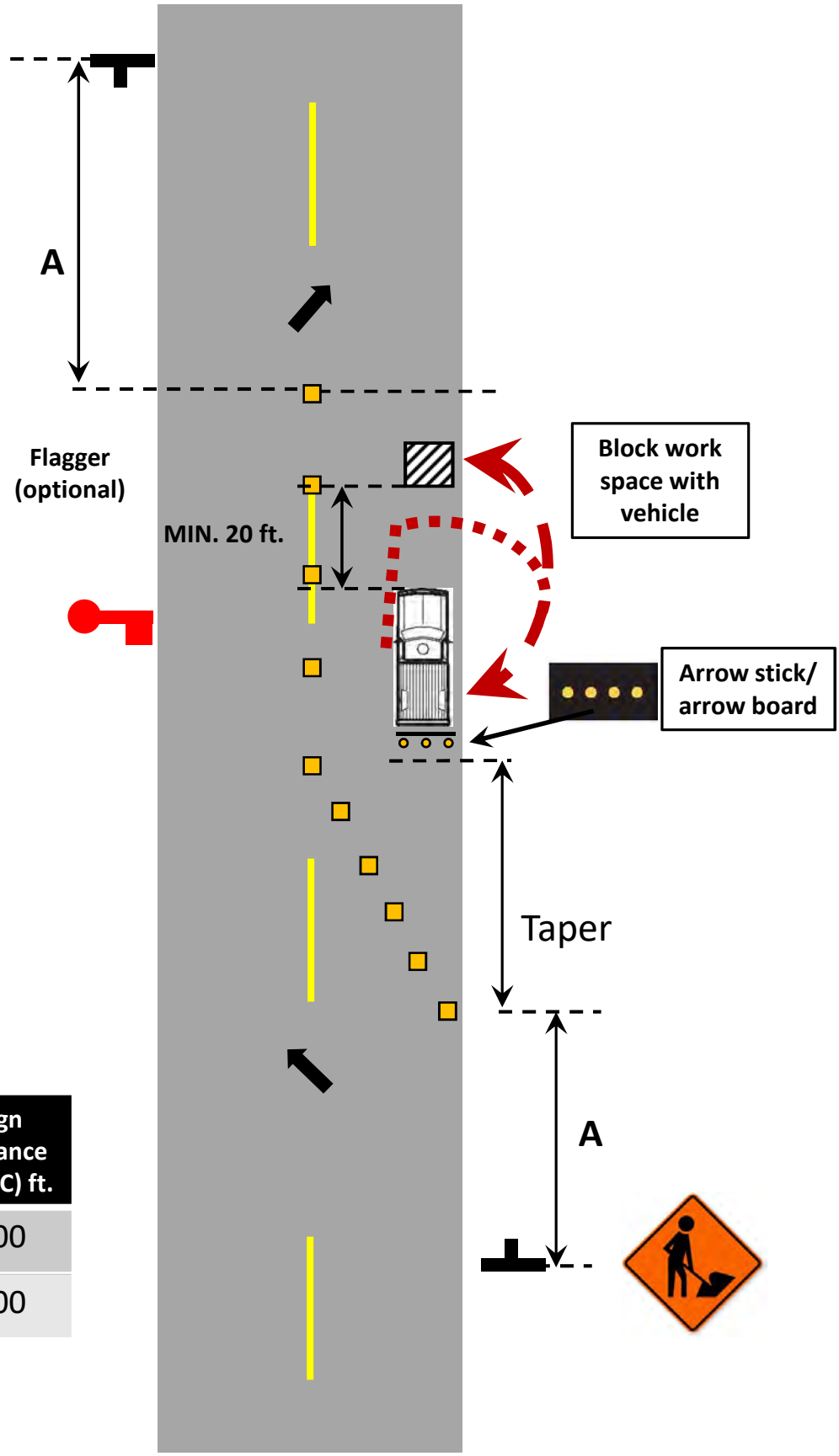
Work in front of vehicle and utilize shoulder/parkway.

Minimum of 5 cones to be deployed regardless of taper length.

Max. 20 ft. cone spacing on taper.

Tangent cone spacing minimum 2 times speed limit.

If traffic cannot self-regulate effectively, one or two flaggers shall be used (see CLTA-11 for two flagger application).

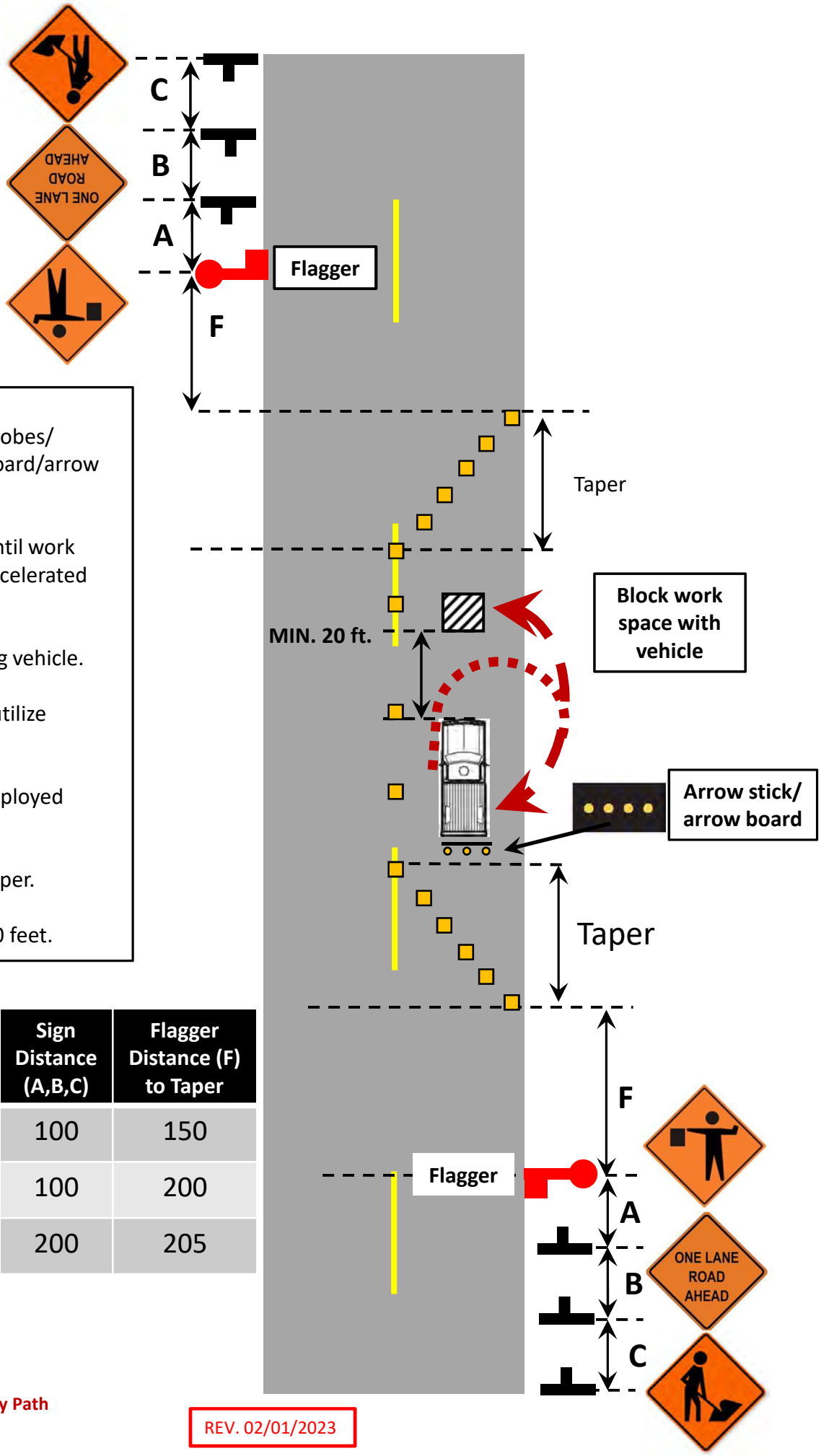


Speed	Taper Length (ft.)	Min. No. of Taper Cones	Sign Distance (A,B,C) ft.
30	100	5	100
35	100	5	100

Work Path

Vehicle Exit/Entry Path

CLTA-11: Lane Closure on **Red Route** (Posted Speed Limit 40 mph or less)



NOTES:

Activate all warning lights (strobes/ oscillating lights and arrow board/arrow stick) before decelerating.

Warning light to remain on until work completed and vehicle has accelerated back to travel speed.

Check for traffic before exiting vehicle.

Work in front of vehicle and utilize shoulder/parkway.

Minimum of 5 cones to be deployed regardless of taper length.

Max. 20 ft cone spacing on taper.

Tangent cone spacing max. 40 feet.

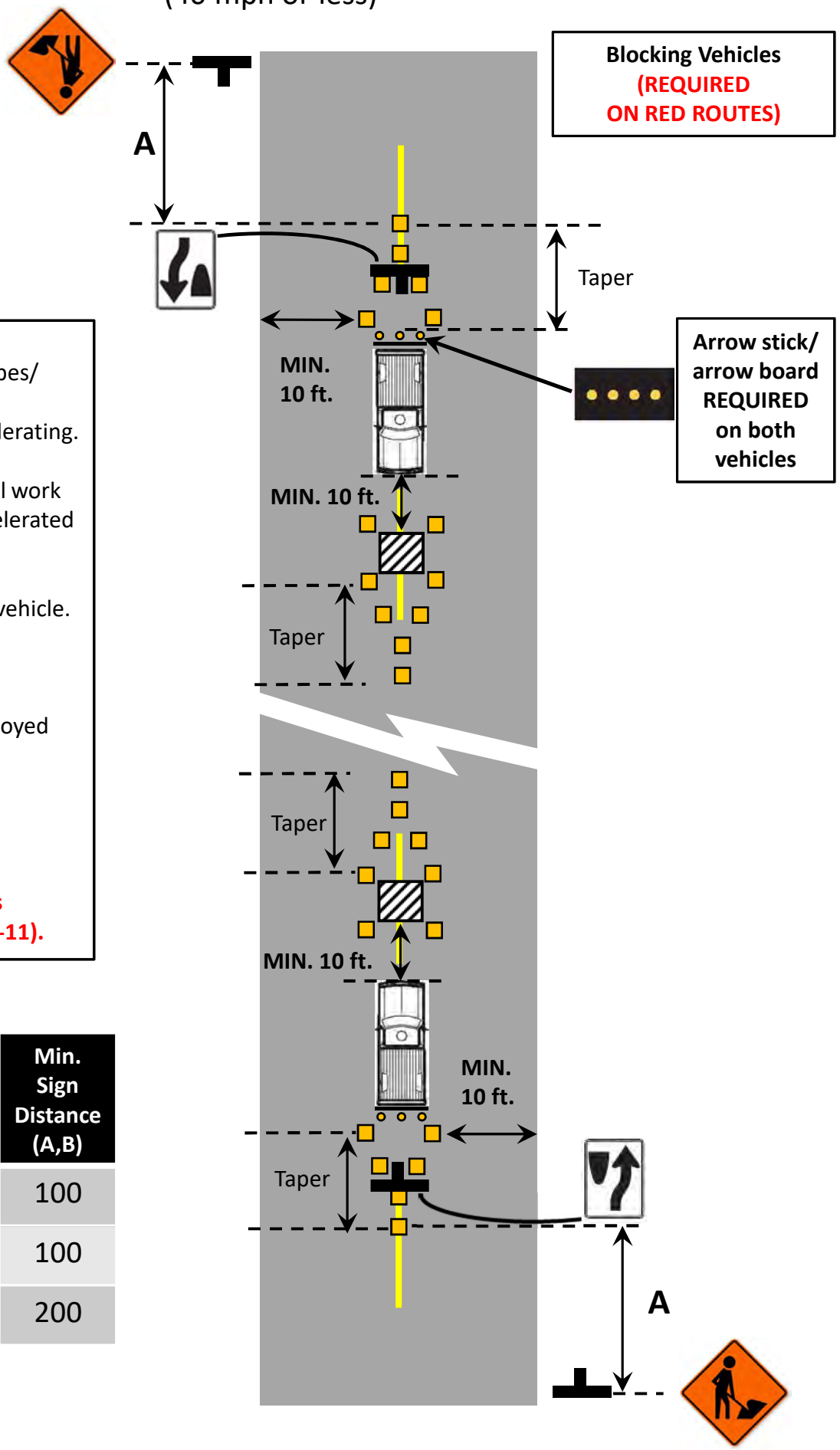
Speed	Taper Length	Min. No. of Taper Cones	Sign Distance (A,B,C)	Flagger Distance (F) to Taper
30	50	5	100	150
35	50	5	100	200
40	100	10	200	205

Work Path

Vehicle Exit/Entry Path

REV. 02/01/2023

CLTA-12: Work in the Center of the Road
Work in Center of Road with 2 blocking vehicles Greater than 1 hour
(40 mph or less)



NOTES:
Activate all warning lights (strobes/ oscillating lights and arrow board/arrow stick) before decelerating.

Warning light to remain on until work completed and vehicle has accelerated back to travel speed.

Check for traffic before exiting vehicle.

Work in front of vehicle

Minimum of 5 cones to be deployed regardless of taper length.

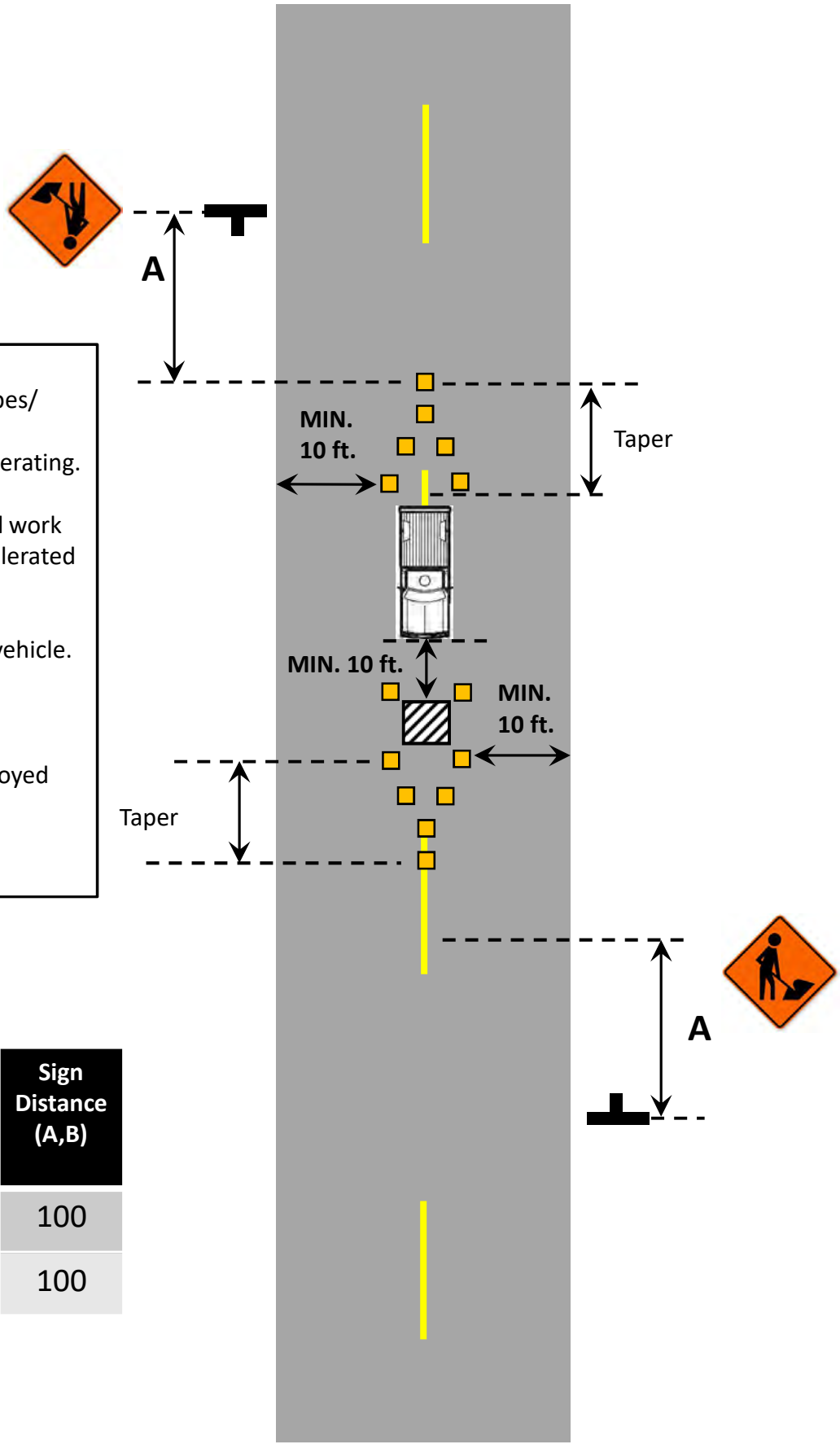
Max. 20 ft cone spacing.

On all IDOT and County Routes develop full lane closure (CLTA-11).

Speed	Taper Length	Min. No. of Taper Cones	Min. Sign Distance (A,B)
30	30	6	100
35	30	6	100
40	50	12	200

CLTA-13: Work in the Center of a Road with Low Traffic Volumes
Less than 1 hour

NOT ALLOWED ON RED ROUTES



NOTES:
Activate all warning lights (strobes/ oscillating lights and arrow board/arrow stick) before decelerating.

Warning light to remain on until work completed and vehicle has accelerated back to travel speed.

Check for traffic before exiting vehicle.

Work in front of vehicle

Minimum of 5 cones to be deployed regardless of taper length.

Max. 20 ft cone spacing.

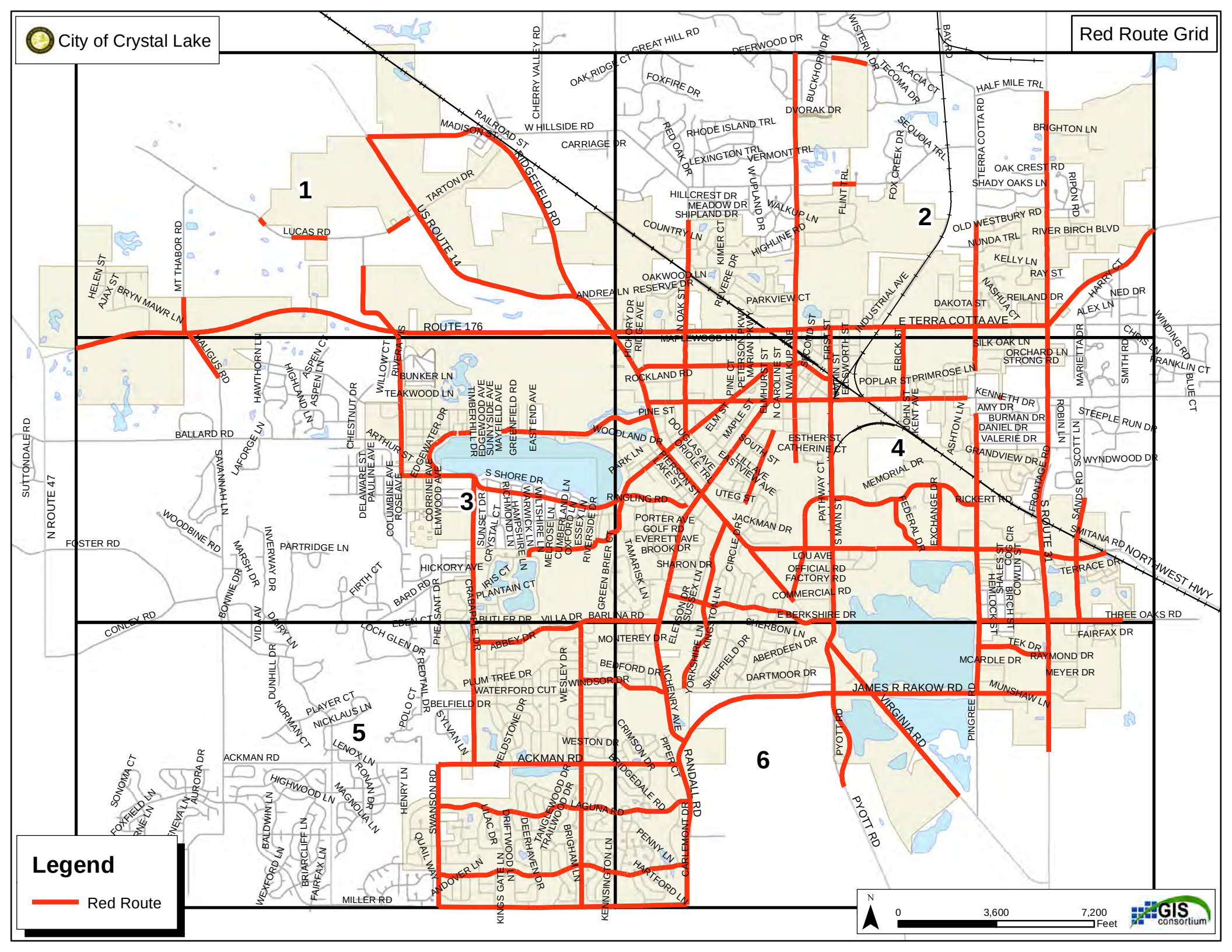
Speed	Taper Length	Min. No. of Taper Cones	Sign Distance (A,B)
30	50	6	100
35	50	6	100

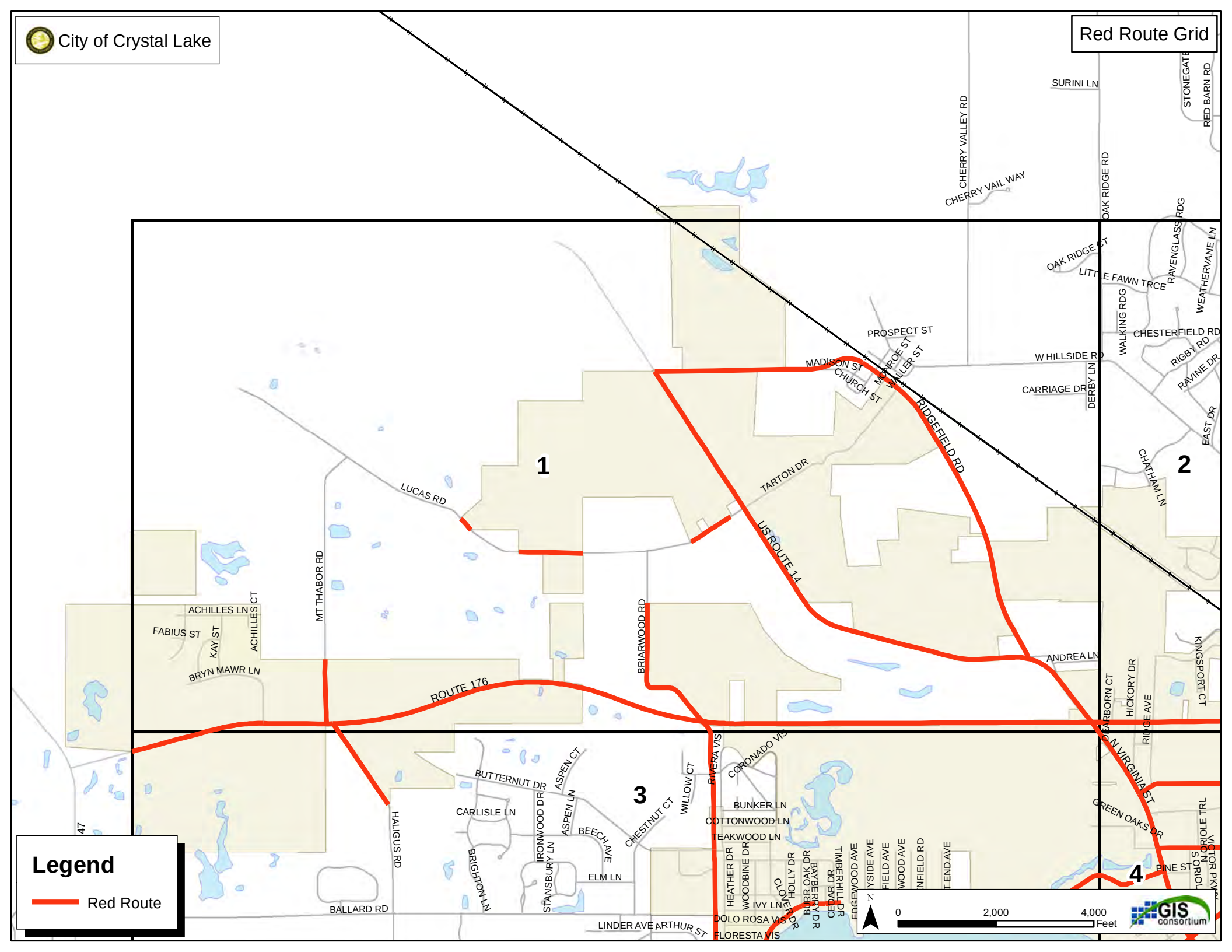
TYPICAL APPLICATIONS FOR LIFT STATION WORK

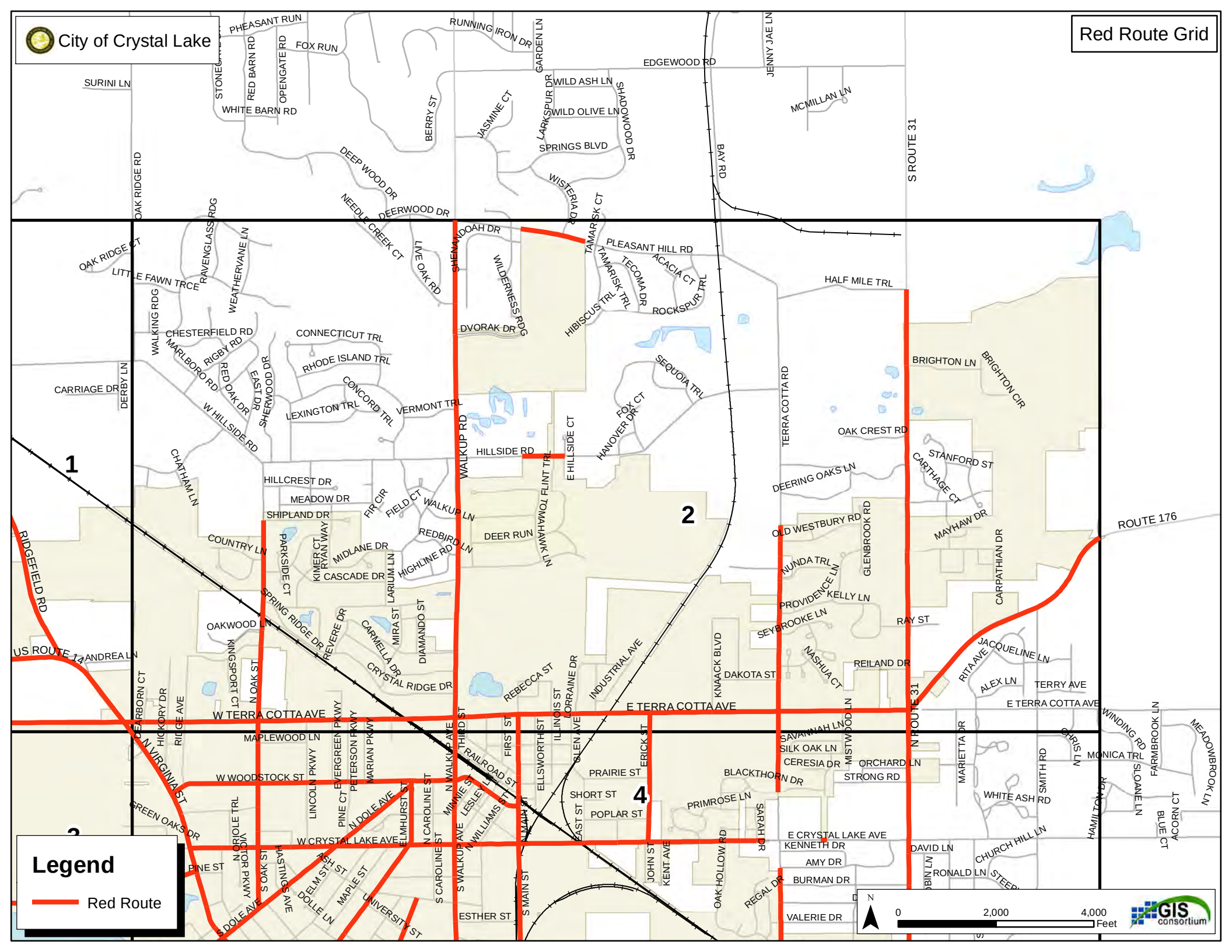
This table is intended as a guide to aid in selecting the appropriate Typical Application to utilize for Lift Station work. If you are unsure, or have questions on which Typical Application applies, ask your supervisor or superintendent.

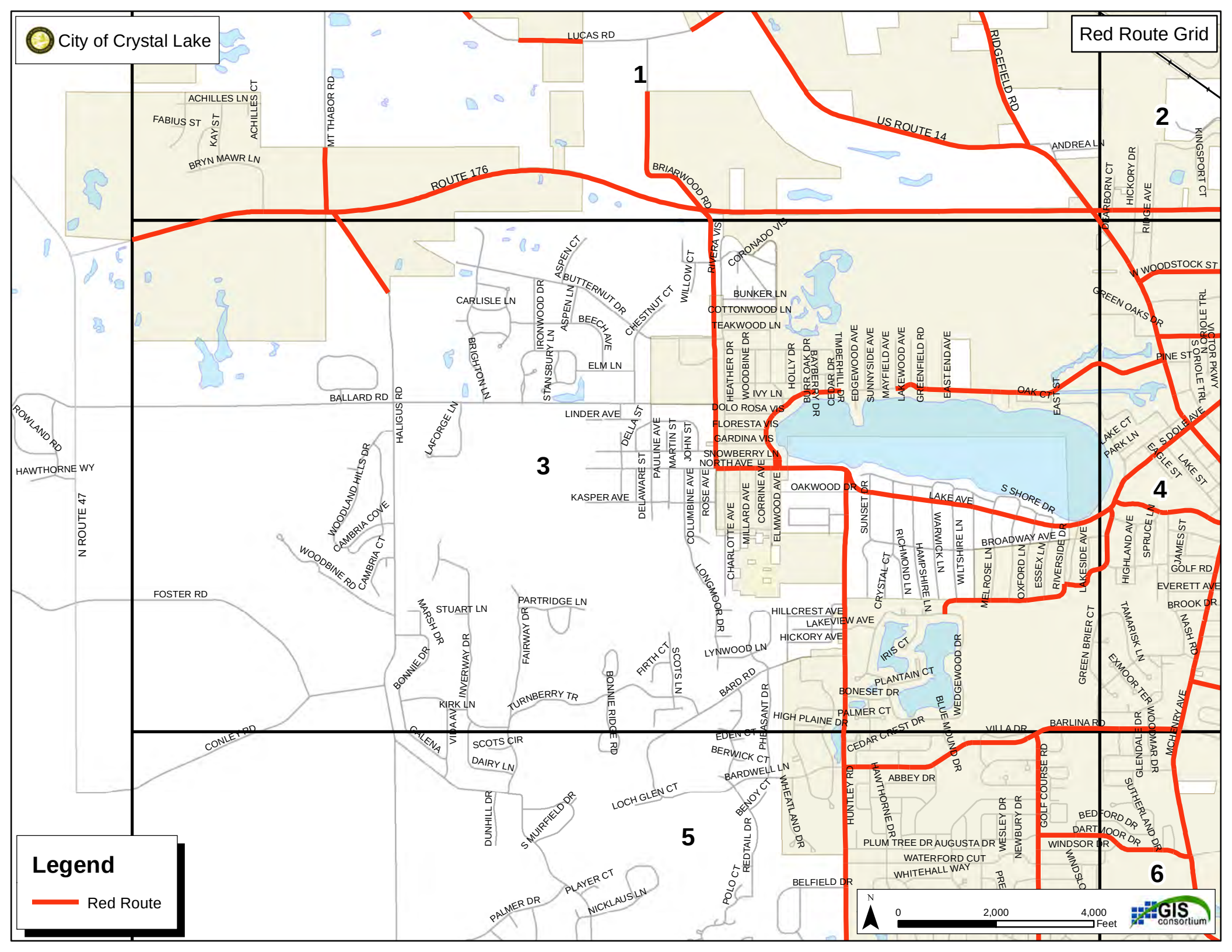
Lift #	Red Routes	< 5 Min.	5 Min. to 1 Hr.	> 1 Hr.	Wet Well Work
1	YES	CLTA-1,6,7 CLTA-2	CLTA-1 PARKING LOT CLTA-3 PARKWAY	CLTA-1 PARKING LOT CLTA-7 PARKWAY	CLTA-7,8,9
2	YES	CLTA-2	CLTA-3	CLTA-7	CLTA-8,9
6	NO	CLTA-1 (LOT)	CLTA-3 SHOULDER CLTA-1 LOT	CLTA-8 SHOULDER, 9 CLTA-1 LOT	CLTA-8,9
7	YES	CLTA-2	CLTA-3	CLTA-8 SHOULDER, 9	CLTA-8,9
8	NO	CLTA-2	CLTA-3	CLTA-7,8,9	CLTA-8,9
9	NO	CLTA-1	CLTA-1	CLTA-7,8,9	CLTA-1
10	NO	CLTA-2	CLTA-3	CLTA-7,8,9	CLTA-8,9
11	YES	CLTA-1 6,7	CLTA-1 DRIVEWAY CLTA-3 SHOULDER	CLTA-1 DRIVEWAY CLTA-7 SHOULDER	CLTA-8,9
12	YES	CLTA 1	CLTA-1	CLTA-1	CLTA-1
13	NO	CLTA-1	CLTA-1	CLTA-1	CLTA-1
14	NO	CLTA-2	CLTA-3	CLTA-7	CLTA-8, 9
15	YES	CLTA-1	CLTA-1	CLTA-1	CLTA-1
16	YES	(park off road in median or at Park)	CLTA-2 (off road) CLTA-3 (Left side)	CLTA-2 (off road) CLTA-8,9(Left side)	CLTA-2 (off road) CLTA-8,9 (Left side)
17	NO	Park on dead end or off road	CLTA-3	CLTA-7,8,9	CLTA-8,9
19	YES	CLTA 1	CLTA-1	CLTA-1	CLTA-1
20	YES	CLTA-1	CLTA-1	CLTA-1	CLTA-1
21	YES	CLTA-1	CLTA-1	CLTA-1	CLTA-1
22	YES	CLTA-1	CLTA-1	CLTA-1	CLTA-1
23	NO	CLTA-1	CLTA-1	CLTA-1	CLTA-1
24	NO	CLTA-1	CLTA-1	CLTA-1	CLTA-1
25	NO	CLTA-1	CLTA-1	CLTA-1	CLTA-1
26	NO	CLTA-1	CLTA-1	CLTA-1	CLTA-1
27	NO	CLTA-1	CLTA-1	CLTA-1	CLTA-1
28	NO	CLTA-1	CLTA-1	CLTA-1	CLTA-1
29	NO	CLTA-1	CLTA-1	CLTA-1	CLTA-1
30	YES	CLTA-6	CLTA-6	CLTA-6 OR 7	CLTA-6 OR 7
31	NO	CLTA-1	CLTA-1	CLTA-1	N/A
V.A.	NO	CLTA-1	CLTA-1	CLTA-1	N/A
Everett	NO	CLTA-1	CLTA-1	CLTA-1	N/A

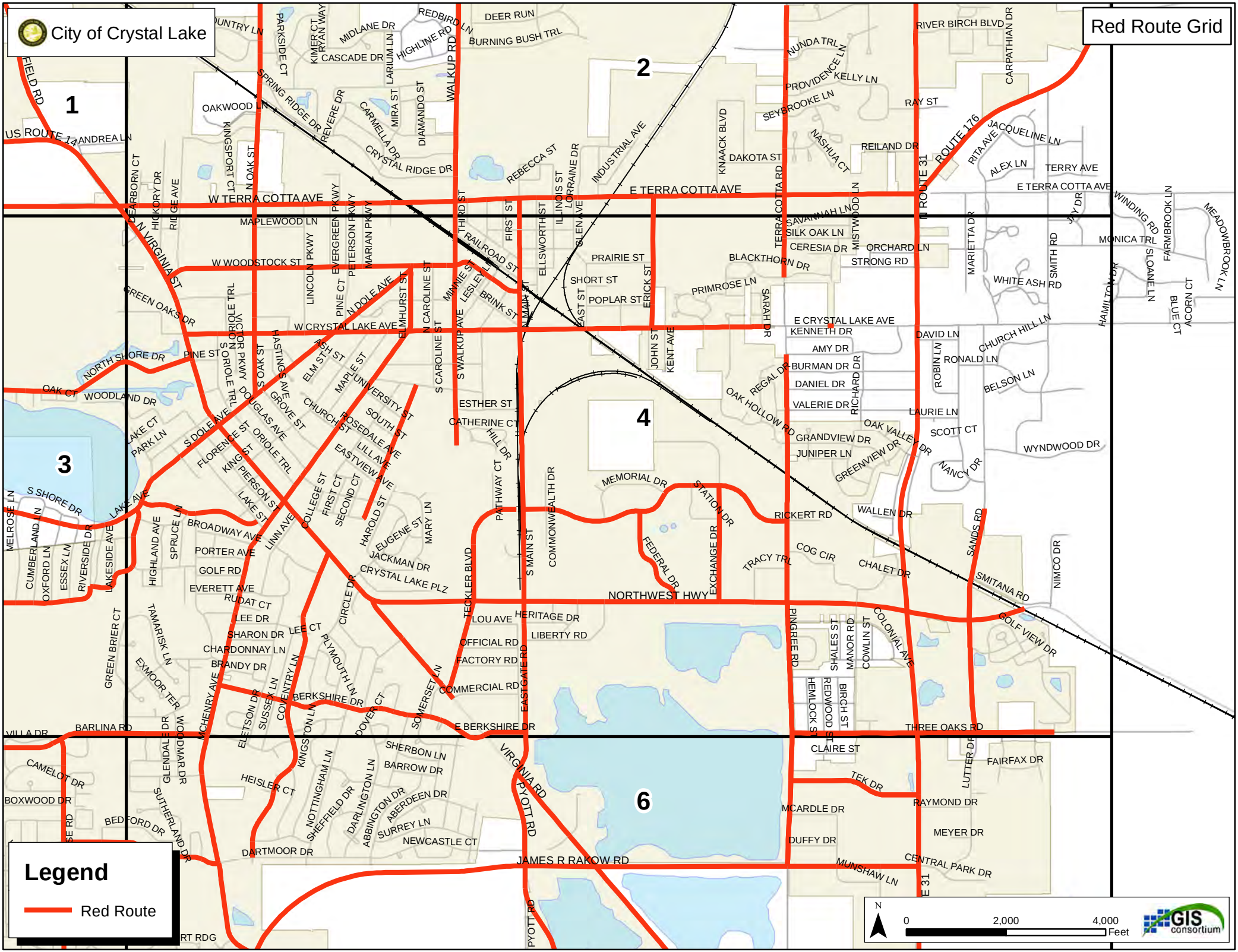
RED ROUTE MAPS

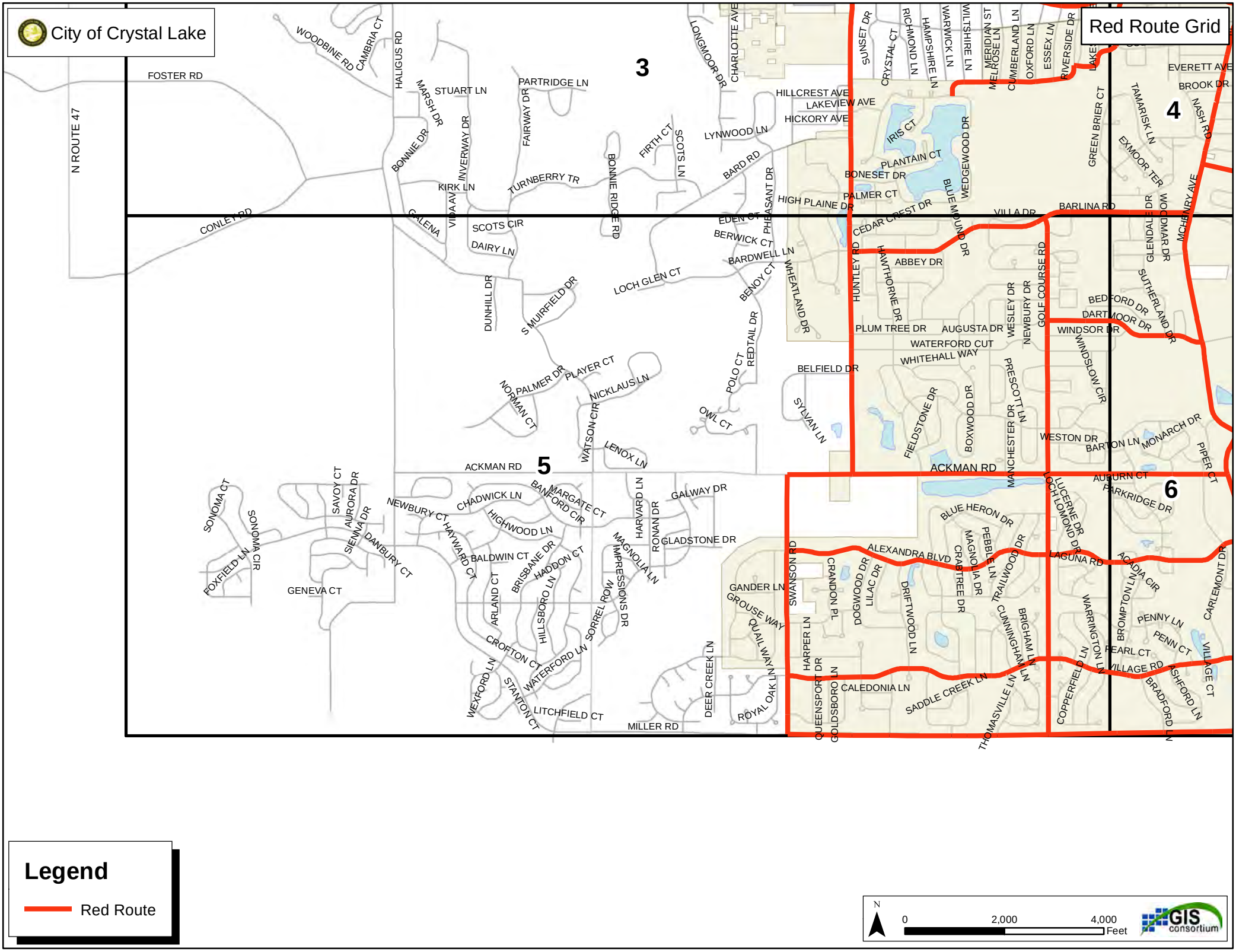

City of Crystal Lake
Red Route Grid
1
2
3
4
5
6
Legend
Red Route
N
0
3,600
7,200
Feet
GIS consortium
ROUTE 176
E TERRA COTTA AVE
N ROUTE 47
S ROUTE 31
US ROUTE 14
RAILROAD ST
RIDGEFIELD RD
CHERRY VALLEY RD
W HILLSIDE RD
CARRIAGE DR
MADISON ST
TARTON DR
LUCAS RD
MT THABOR RD
HELEN ST
AJAX ST
BRYN MAWR LN
VALIGUS RD
HAWTHORN LN
HIGHLAND LN
ASPEN LN
ASPEN CT
CHESTNUT DR
WILLOW CT
RIVERAVIS
BUNKER LN
TEAKWOOD LN
TIMBERHILL DR
EDGEWOOD AVE
SUNNYSIDE AVE
MAYFIELD AVE
GREENFIELD RD
EAST END AVE
EDGEWATER DR
ARTHUR ST
BALLARD RD
SUTTONDALE RD
LAFORGE LN
SAVANNAH LN
DELAWARE ST
PAULINE AVE
COLUMBINE AVE
ROSE AVE
CORRINE AVE
ELMWOOD AVE
S SHORE DR
WOODLAND DR
PINE ST
ROCKLAND RD
RANGLING RD
PARK LN
PERSON ST
LAKE ST
ORIOLE TRL
DOUGLAS AVE
ELM ST
MAPLE ST
SOUTH ST
E LILAC AVE
E VIVIEN AVE
UTEG ST
ESTHER ST
CATHERINE CT
MEMORIAL DR
RICKERT RD
JACKMAN DR
PATHWAY CT
S MAIN ST
FEDERAL DR
EXCHANGE DR
CIRCLE DR
PORTER AVE
GOLF RD
EVERETT AVE
BROOK DR
SHARON DR
LOU AVE
OFFICIAL RD
FACTORY RD
COMMERCIAL RD
E BERKSHIRE DR
THREE OAKS RD
FAIRFAX DR
TEK DR
RAYMOND DR
MEYER DR
MCARDLE DR
ABERDEEN DR
DARTMOOR DR
SHERBON LN
SHEFFIELD DR
YORKSHIRE LN
KINGSTON LN
SUSSEX LN
ELEANOR DR
TAMARISK LN
GREEN BRIER CT
RIVERSIDE DR
CUMBERLAND LN
OXFORD LN
ESSEX LN
MELROSE LN
WILTSHIRE LN
WARWICK LN
RICHMOND LN
CRYSTAL CT
SUNSET DR
IRIS CT
PLANTAIN CT
CRABAPPLE DR
HICKORY AVE
BARD RD
FIRTH CT
PHEASANT DR
EDEN CT
LOCH GLEN DR
REDTAIL DR
BUTLER DR
VILLA DR
BARLINA RD
ABBEY DR
MONTEREY DR
BEDFORD DR
WINDSOR DR
PLUM TREE DR
WATERFORD CUT
BELFIELD DR
WESLEY DR
FIELDSTONE DR
SYLVAN LN
POLO CT
NORMAN CT
DUNHILL DR
PLAYER CT
NICKLAUS LN
LENOX LN
RONAN DR
MAGNOLIA LN
HIGHWOOD LN
ACKMAN RD
WESTON DR
CRIMSON DR
PIPER CT
RANDALL RD
BRIDGEDALE RD
LAGUNA RD
TANGLEWOOD DR
TRAILWOOD DR
DEERHAVEN DR
DRIFTWOOD LN
LILAC DR
BRIGHAM LN
PENNY LN
HARTFORD LN
CARLEMONT DR
KENNSINGTON LN
KINGS GATE LN
ANDOVER LN
QUAIL WAY
SWANSON RD
HENRY LN
AURORA DR
SONOMA CT
FOXFIELD LN
WEXFORD LN
BALDWIN LN
BRIARCLIFF LN
FAIRFAX LN
MILLER RD
CONLEY RD
FOSTER RD
WOODBINE RD
BONNIE DR
MARSH DR
INVERWAY DR
PARTRIDGE LN
DAIRY LN
VIDA AV
OAK RIDGE CT
GREAT HILL RD
FOXFIRE DR
DEERWOOD DR
DVORAK DR
BUCKHORN DR
WISTERIA DR
TECOMA DR
ACACIA CT
BAY RD
HALF MILE TRL
TERRACA COTTA RD
BRIGHTON LN
OAK CREST RD
SHADY OAKS LN
RIPON RD
OLD WESTBURY RD
RIVER BIRCH BLVD
NUNDA TRL
KELLY LN
RAY ST
HARRY CT
NED DR
ALEX LN
WINDING RD
CHRIS LN
FRANKLIN CT
BLUE CT
SMITH RD
MARIETTA DR
NASHUA CT
REILAND DR
DAKOTA ST
SILK OAK LN
ORCHARD LN
STRONG RD
PRIMROSE LN
POPLAR ST
KENNETH DR
AMY DR
BURMAN DR
DANIEL DR
VALERIE DR
STEEPLE RUN DR
WYNDWOOD DR
GRANDVIEW DR
ROBIN LN
SCOTT LN
SANDS RD
FRONTAGE RD
ASHTON LN
SMITANA RD
NORTHWEST HWY
TERRACE DR
SHALES ST
HEMLOCK ST
BIRCH ST
COGGS CIR
COWLIN ST
JAMES R RAKOW RD
MUNSHAW LN
VIRGINIA RD
PYOTT RD
PINGREE RD
OAKWOOD LN
RESERVE DR
ANDREA LN
PARKVIEW CT
REVERE DR
KIMER CT
COUNTRY LN
HILLCREST DR
MEADOW DR
SHIPLAND DR
W UPLAND DR
WALKUP LN
HIGHLINE RD
FLINT TRL
FOX CREEK DR
SEQUOIA TRL
VERMONT TRL
LEXINGTON TRL
RHODE ISLAND TRL
RED OAK DR
HICKORY DR
RIDGE AVE
N OAK ST
MAPLEWOOD LN
PETERSON PKWY
MARIAN PKWY
PINE CT
N CAROLINE ST
N WALKUP AVE
ELMHURST ST
SECOND ST
FIRST ST
ELSWORTH ST
KENT AVE
JOHN ST
ERICK ST
INDUSTRIAL AVE

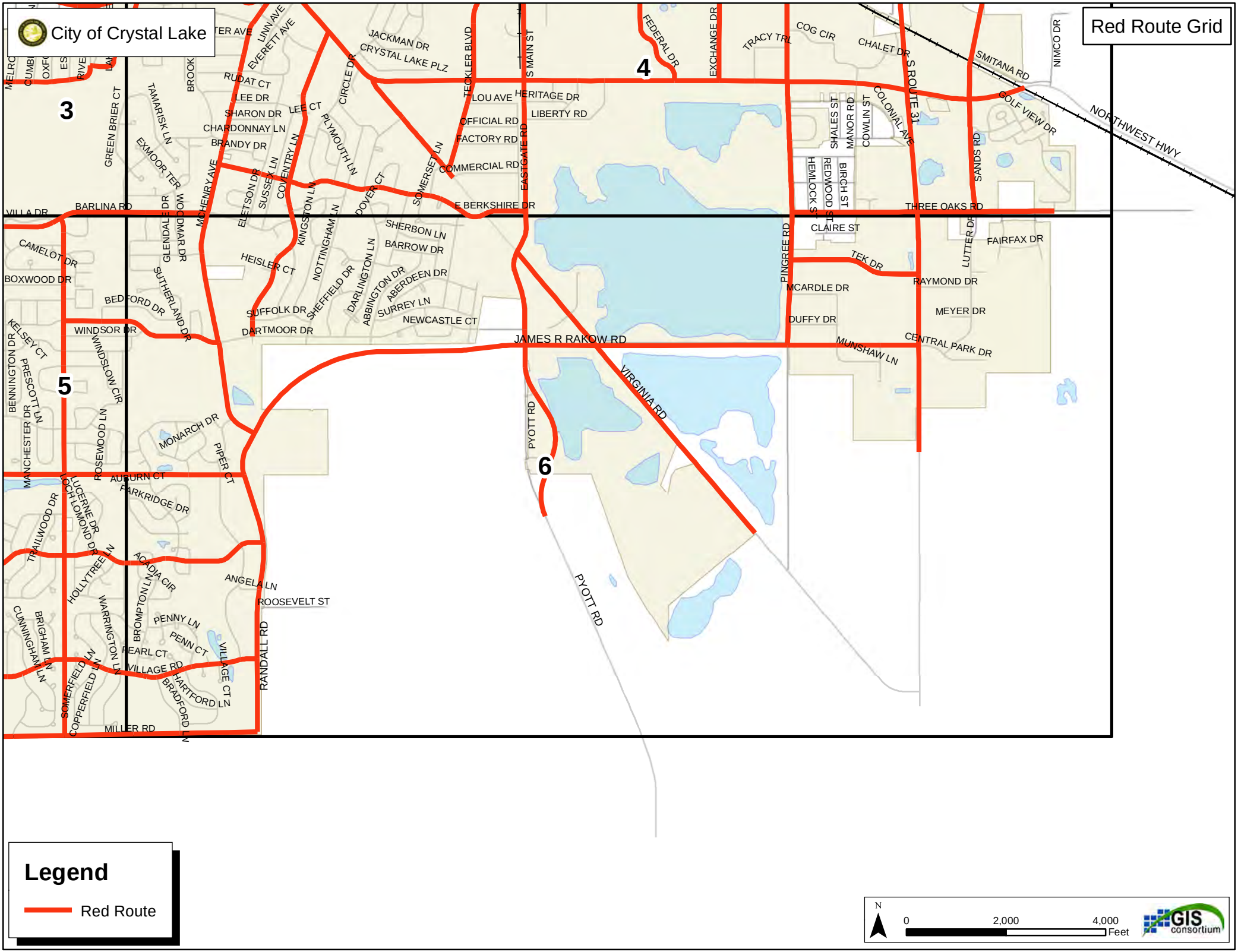

City of Crystal Lake
Red Route Grid
1
2
3
4
Legend
Red Route
0
2,000
4,000
Feet
GIS consortium
SURINI LN
CHERRY VALLEY RD
CHERRY VAIL WAY
OAK RIDGE RD
STONEGATE
RED BARN RD
OAK RIDGE CT
LITTLE FAWN TRCE
RAVENGLASS RDG
WEATHERVANE LN
WALKING RDG
CHESTERFIELD RD
RIGBY RD
RAVINE DR
EAST DR
PROSPECT ST
MADISON ST
CHURCH ST
MONROE ST
WALLER ST
RIDGEFIELD RD
W HILLSIDE RD
CARRIAGE DR
DERBY LN
TARTON DR
CHATHAM LN
LUCAS RD
US ROUTE 14
MT THABOR RD
BRIARWOOD RD
ACHILLES LN
ACHILLES CT
FABIUS ST
KAY ST
BRYN MAWR LN
ROUTE 176
ANDREA LN
KINGSPORT CT
DEARBORN CT
HICKORY DR
RIDGE AVE
N VIRGINIA ST
GREEN OAKS DR
PINE ST
HALIGUS RD
BUTTERNUT DR
ASPEN CT
ASPEN LN
CARLISLE LN
IRONWOOD DR
BEECH AVE
CHESTNUT CT
WILLOW CT
RIVERA VIS
CORONADO VIS
BUNKER LN
COTTONWOOD LN
TEAKWOOD LN
HEATHER DR
WOODBINE DR
HOLLY DR
CLOVER DR
BURR OAK DR
BAYBERRY DR
CEDAR DR
TIMBERHILL DR
EDGEWOOD AVE
YSIDE AVE
FIELD AVE
WOOD AVE
NFIELD RD
T END AVE
ORIOLE TRL
VICTOR PKWY
BRIGHTON LN
STANSBURY LN
ELM LN
IVY LN
DOLO ROSA VIS
FLORESTA VIS
BALLARD RD
LINDER AVE
ARTHUR ST


City of Crystal Lake
Red Route Grid
PHEASANT RUN
RUNNING IRON DR
GARDEN LN
EDGEWOOD RD
JENNY JAE LN
SURINI LN
STONEGATE
RED BARN RD
OPENGATE RD
FOX RUN
WHITE BARN RD
BERRY ST
JASMINE CT
LARKSPUR DR
WILD ASH LN
WILD OLIVE LN
SHADOWOOD DR
SPRINGS BLVD
MCMILLAN LN
BAY RD
S ROUTE 31
OAK RIDGE RD
DEEP WOOD DR
NEEDLE CREEK CT
DEERWOOD DR
WISTERIA DR
TAMARISK CT
SHENANDOAH DR
OAK RIDGE CT
RAVENGLASS RDG
LITTLE FAWN TRCE
WEATHERVANE LN
LAKE OAK RD
WILDERNESS RDG
PLEASANT HILL RD
TAMARISK TRL
TECOMA DR
ACACIA CT
ROCKSPUR TRL
HIBISCUS TRL
HALF MILE TRL
WALKING RDG
CHESTERFIELD RD
RIGBY RD
MARLBORO RD
RED OAK DR
EAST DR
SHERWOOD RD
CONNECTICUT TRL
RHODE ISLAND TRL
CONCORD TRL
LEXINGTON TRL
VERMONT TRL
DVORAK DR
SEQUOIA TRL
BRIGHTON LN
BRIGHTON CIR
CARRIAGE DR
DERBY LN
W HILLSIDE RD
WALKUP RD
HILLSIDE RD
E HILLSIDE CT
HANOVER DR
FOX CT
TERRA COTTA RD
OAK CREST RD
STANFORD ST
CARTHAGE CT
DEERING OAKS LN
CHATHAM LN
HILLCREST DR
MEADOW DR
FIR CIR
FIELD CT
WALKUP LN
SHIPLAND DR
TOMAHAWK TRL
1
2
OLD WESTBURY RD
MAYHAW DR
ROUTE 176
RIDGEFIELD RD
COUNTRY LN
PARKSIDE CT
KIMER CT
RYAN WAY
MIDLANE DR
CASCADE DR
LARIUM LN
HIGHLINE RD
REDBIRD LN
DEER RUN
NUNDA TRL
GLENBROOK RD
CARPATHIAN DR
PROVIDENCE LN
KELLY LN
SEYBROOKE LN
RAY ST
SPRING RIDGE DR
REVERE DR
OAKWOOD LN
MIRA ST
DIAMANDO ST
CARMELLA DR
CRYSTAL RIDGE DR
US ROUTE 14
ANDREA LN
KINGSPORT CT
N OAK ST
REBECCA ST
INDUSTRIAL AVE
KNAACK BLVD
DAKOTA ST
NASHUA CT
REILAND DR
JACQUELINE LN
RITA AVE
ALEX LN
TERRY AVE
E TERRA COTTA AVE
W TERRA COTTA AVE
DEARBORN CT
HICKORY DR
RIDGE AVE
N VIRGINIA ST
MAPLEWOOD LN
EVERGREEN PKWY
PETERSON PKWY
MARIAN PKWY
THIRD ST
FIRST ST
ILLINOIS ST
LORRAINE DR
GLEN AVE
SAVANNAH LN
SILK OAK LN
CERESIA DR
MISTWOOD LN
ORCHARD LN
STRONG RD
N ROUTE 31
MARIETTA DR
WINDING RD
FARMBROOK LN
MEADOWBROOK LN
CHRIS LN
MONICA TRL
SLOANE LN
SMITH RD
WHITE ASH RD
HAMILTON DR
ACORN CT
BLUE CT
W WOODSTOCK ST
LINCOLN PKWY
PINE CT
N DOLE AVE
ELMHURST ST
N WALKUP AVE
RAILROAD ST
N CAROLINE ST
MINNIE ST
LESLEY ST
N WILLIAMS ST
ELLSWORTH ST
PRAIRIE ST
ERICK ST
SHORT ST
POPLAR ST
4
PRIMROSE LN
BLACKTHORN DR
SARAH DR
E CRYSTAL LAKE AVE
KENNETH DR
DAVID LN
CHURCH HILL LN
AMY DR
RONALD LN
BURMAN DR
REGAL DR
OAK HOLLOW RD
JOHN ST
KENT AVE
S MAIN ST
GREEN OAKS DR
W CRYSTAL LAKE AVE
PINE ST
ORIOLE TRL
VICTORIA PKWY
S OAK ST
HASTINGS AVE
ASH ST
DELM ST
DOLLE LN
MAPLE ST
UNIVERSITY ST
S CAROLINE ST
S WALKUP AVE
S DOLE AVE
ESTHER ST
VALERIE DR
Legend
Red Route
N
0
2,000
4,000
Feet
GIS consortium


City of Crystal Lake
Red Route Grid
1
2
3
4
5
6
LUCAS RD
US ROUTE 14
RIDGEFIELD RD
ANDREA LN
ACHILLES LN
ACHILLES CT
FABIUS ST
KAY ST
BRYN MAWR LN
MT THABOR RD
ROUTE 176
BRIARWOOD RD
DEARBORN CT
HICKORY DR
RIDGE AVE
KINGSPORT CT
W WOODSTOCK ST
GREEN OAKS DR
VICTOR PKWY
S ORIOLE TRL
PINE ST
RIVIERA VIS
CORONADO VIS
ASPEN CT
BUTTERNUT DR
ASPEN LN
BEECH AVE
CHESTNUT CT
WILLOW CT
CARLISLE LN
IRONWOOD DR
STANSBURY LN
BRIGHTON LN
ELM LN
BUNKER LN
COTTONWOOD LN
TEAKWOOD LN
HEATHER DR
WOODBINE DR
HOLLY DR
BURR OAK DR
BAYBERRY DR
CEDAR DR
TIMBERHILL DR
EDGEWOOD AVE
SUNNYSIDE AVE
MAYFIELD AVE
LAKEWOOD AVE
GREENFIELD RD
EAST END AVE
EAST ST
OAK CT
IVY LN
DOLO ROSA VIS
FLORESTA VIS
GARDINA VIS
SNOWBERRY LN
NORTH AVE
BALLARD RD
HALIGUS RD
LAFORGE LN
LINDER AVE
DELLA ST
PAULINE AVE
MARTIN ST
JOHN ST
ROWLAND RD
HAWTHORNE WY
N ROUTE 47
WOODLAND HILLS DR
CAMBRIA COVE
CAMBRIA CT
WOODBINE RD
KASPER AVE
DELAWARE ST
ROSE AVE
COLUMBINE AVE
CHARLOTTE AVE
MILLARD AVE
CORRINE AVE
ELMWOOD AVE
OAKWOOD DR
SUNSET DR
LAKE AVE
S SHORE DR
LAKE CT
PARK LN
E S DOLE AVE
EAGLE ST
LAKE ST
BROADWAY AVE
RICHMOND LN
HAMPSHIRE LN
WARWICK LN
WILTSHIRE LN
MELROSE LN
OXFORD LN
ESSEX LN
RIVERSIDE DR
LAKESIDE AVE
HIGHLAND AVE
SPRUCE LN
JAMES ST
GOLF RD
EVERETT AVE
BROOK DR
NASH RD
CRYSTAL CT
LONGMOOR DR
HILLCREST AVE
LAKEVIEW AVE
HICKORY AVE
LYNWOOD LN
IRIS CT
PLANTAIN CT
BONESET DR
PALMER CT
HIGH PLAINE DR
WEDGEWOOD DR
BLUE MOUND DR
GREEN BRIER CT
TAMARISK LN
EXMOOR TER
WOODBAR DR
MCHENRY AVE
FOSTER RD
STUART LN
PARTRIDGE LN
MARSH DR
FAIRWAY DR
BONNIE DR
INVERWAY DR
FIRTH CT
SCOTS LN
BONNIE RIDGE RD
BARD RD
KIRK LN
TURNBERRY TR
CONLEY RD
GALENA
VIDA AV
SCOTS CIR
DAIRY LN
PHEASANT DR
EDEN CT
BERWICK CT
BARDWELL LN
WHEATLAND DR
BENOY CT
REDTAIL DR
POLO CT
LOCH GLEN CT
DUNHILL DR
S MUIRFIELD DR
PALMER DR
PLAYER CT
NICKLAUS LN
BELFIELD DR
CEDAR CREST DR
VILLA DR
BARLINA RD
ABBEY DR
HAWTHORNE DR
HUNTLEY RD
GOLF COURSE RD
WESLEY DR
NEWBURY DR
PLUM TREE DR
AUGUSTA DR
WATERFORD CUT
WHITEHALL WAY
BEDFORD DR
DARTMOOR DR
WINDSOR DR
SUTHERLAND DR
GLENDALE DR
Legend
Red Route
N
0
2,000
4,000
Feet
GIS consortium


City of Crystal Lake
Red Route Grid
1
2
3
4
6
US ROUTE 14
W TERRA COTTA AVE
E TERRA COTTA AVE
ROUTE 176
N ROUTE 31
N VIRGINIA ST
S WALKUP AVE
NORTHWEST HWY
JAMES R RAKOW RD
VIRGINIA RD
PYOTT RD
W CRYSTAL LAKE AVE
E CRYSTAL LAKE AVE
W WOODSTOCK ST
MAPLEWOOD LN
ANDREA LN
OAKWOOD LN
CRYSTAL RIDGE DR
SPRING RIDGE DR
REVERE DR
CARMELLA DR
MIRA ST
DIAMANDO ST
WALKUP RD
REDBIRD LN
DEER RUN
BURNING BUSH TRL
CASCADE DR
PARKSIDE CT
KIMER CT
RYAN WAY
MIDLANE DR
HIGHLINE RD
LARIUM LN
FIELD RD
KINGSPORT CT
N OAK ST
DEARBORN CT
HICKORY DR
RIDGE AVE
EVERGREEN PKWY
PETERSON PKWY
MARIAN PKWY
LINCOLN PKWY
PINE CT
N DOLE AVE
ELMHURST ST
N CAROLINE ST
S CAROLINE ST
MINNIE ST
LESLEY LN
BRINK ST
RAILROAD ST
THIRD ST
FIRST ST
EAST ST
ELLSWORTH ST
ILLINOIS ST
LORRAINE DR
GLEN AVE
INDUSTRIAL AVE
REBECCA ST
DAKOTA ST
KNAACK BLVD
NUNDA TRL
PROVIDENCE LN
KELLY LN
SEYBROOKE LN
RAY ST
NASHUA CT
REILAND DR
TERRA COTTA RD
SAVANNAH LN
SILK OAK LN
CERESIA DR
MISTWOOD LN
ORCHARD LN
STRONG RD
BLACKTHORN DR
PRAIRIE ST
SHORT ST
POPLAR ST
ERICK ST
PRIMROSE LN
SARAH DR
JOHN ST
KENT AVE
RIVER BIRCH BLVD
CARPATHIAN DR
RITA AVE
JACQUELINE LN
ALEX LN
TERRY AVE
JAY DR
WINDING RD
FARMBROOK LN
MEADOWBROOK LN
MONICA TRL
ISLAND LN
BLUE CT
ACORN CT
HAMILTON DR
SMITH RD
MARIETTA DR
WHITE ASH RD
KENNETH DR
AMY DR
BURMAN DR
DANIEL DR
VALERIE DR
DAVID LN
CHURCH HILL LN
RONALD LN
BELSON LN
ROBIN LN
RICHARD DR
REGAL DR
OAK HOLLOW RD
LAURIE LN
SCOTT CT
OAK VALLEY DR
GRANDVIEW DR
JUNIPER LN
GREENVIEW DR
WYNDWOOD DR
NANCY DR
ESTHER ST
CATHERINE CT
HILL DR
PATHWAY CT
COMMONWEALTH DR
S MAIN ST
MEMORIAL DR
STATION DR
FEDERAL DR
EXCHANGE DR
RICKERT RD
WALLEN DR
TRACY TRL
COG CIR
CHALET DR
SANDS RD
SMITANA RD
NIMCO DR
GOLF VIEW DR
COLONIAL AVE
COWLIN ST
MANOR RD
SHALES ST
PINGREE RD
HEMLOCK ST
REDWOOD ST
BIRCH ST
CLAIRE ST
THREE OAKS RD
FAIRFAX DR
LUTTER DR
TEK DR
RAYMOND DR
MEYER DR
CENTRAL PARK DR
MUNSHAW LN
MCARDLE DR
DUFFY DR
TECKLER BLVD
LOU AVE
HERITAGE DR
LIBERTY RD
OFFICIAL RD
FACTORY RD
COMMERCIAL RD
EASTGATE RD
SOMERSET LN
E BERKSHIRE DR
BERKSHIRE DR
DOVER CT
COVENTRY LN
PLYMOUTH LN
LEE CT
LEE DR
SHARON DR
CHARDONNAY LN
BRANDY DR
CIRCLE DR
CRYSTAL LAKE PLZ
JACKMAN DR
EUGENE ST
MARY LN
HAROLD ST
FIRST CT
SECOND CT
COLLEGE ST
EASTVIEW AVE
LILL AVE
ROSEDALE AVE
SOUTH ST
UNIVERSITY ST
MAPLE ST
ELM ST
ASH ST
CHURCH ST
GROVE ST
HASTINGS AVE
S OAK ST
N ORIOLE TRL
VICTOR PKWY
ORIOLE TRL
DOUGLAS AVE
S DOLE AVE
FLORENCE ST
KING PIERSON ST
LAKE ST
LINN AVE
LAKE AVE
PORTER AVE
BROADWAY AVE
SPRUCE ST
GOLF RD
EVERETT AVE
RUDAT CT
HIGHLAND AVE
LAKESIDE AVE
RIVERSIDE DR
ESSEX LN
OXFORD LN
CUMBERLAND LN
MELROSE LN
S SHORE DR
NORTH SHORE DR
PINE ST
OAK CT
WOODLAND DR
PARK LN
LAKE CT
GREEN OAKS DR
ORIOLE TRL
TAMARISK LN
GREEN BRIER CT
EXMOOR TER
MCHENRY AVE
WOODMAR DR
GLENDALE DR
SUTHERLAND DR
BEDFORD DR
CAMELOT DR
BOXWOOD DR
VILLA DR
BARLINA RD
SE RD
ELETSON DR
SUSSEX LN
KINGSTON LN
HEISLER CT
NOTTINGHAM LN
SHEFFIELD DR
DARLINGTON DR
ABBINGTON DR
ABERDEEN DR
SURREY LN
NEWCASTLE CT
DARTMOOR DR
SHERBON LN
BARROW DR
Legend
Red Route
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City of Crystal Lake
Red Route Grid
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FOSTER RD
N ROUTE 47
WOODBINE RD
CAMBRIA CT
HALIGUS RD
STUART LN
MARSH DR
PARTRIDGE LN
FAIRWAY DR
LONGMOOR DR
CHARLOTTE AVE
HILLCREST AVE
LAKEVIEW AVE
HICKORY AVE
LYNWOOD LN
BONNIE DR
INVERWAY DR
FIRTH CT
SCOTS LN
BARD RD
KIRK LN
TURNBERRY TR
BONNIE RIDGE RD
CONLEY RD
GALENA
VIA AV
SCOTS CIR
DAIRY LN
PHEASANT DR
EDEN CT
BERWICK CT
BARDWELL LN
BENOY CT
WHEATLAND DR
DUNHILL DR
S MUIRFIELD DR
LOCH GLEN CT
REDTAIL DR
POLO CT
OWL CT
SYLVAN LN
BELFIELD DR
NORMAN CT
NORMAN PALMER DR
PLAYER CT
NICKLAUS LN
WATSON CIR
LENOX LN
ACKMAN RD
SUNSET DR
CRYSTAL CT
RICHMOND LN
HAMPSHIRE LN
WARWICK LN
WILTSHIRE LN
MERIDIAN ST
MELROSE LN
CUMBERLAND LN
OXFORD LN
ESSEX LN
RIVERSIDE DR
LAKE
EVERETT AVE
BROOK DR
NASH RD
GREEN BRIER CT
TAMARISK LN
EXMOOR TER
MCHENRY AVE
IRIS CT
PLANTAIN CT
BONESET DR
PALMER CT
HIGH PLAINE DR
BLUE MOUND DR
WEDGEWOOD DR
VILLA DR
BARLINA RD
CEDAR CREST DR
HUNTLEY RD
HAWTHORNE DR
ABBEY DR
GOLF COURSE RD
WESLEY DR
NEWBURY DR
GLENDALE DR
WOODMAR DR
SUTHERLAND DR
BEDFORD DR
DARTMOOR DR
WINDSOR DR
WINDSLOW CIR
PLUM TREE DR
AUGUSTA DR
WATERFORD CUT
WHITEHALL WAY
PRESCOTT LN
MANCHESTER DR
BOXWOOD DR
FIELDSTONE DR
WESTON DR
BARTON LN
MONARCH DR
PIPER CT
AUBURN CT
PARKRIDGE DR
LUCERNE DR
LOCH LOMOND DR
BLUE HERON DR
ALEXANDRA BLVD
LAGUNA RD
ACADIA CIR
CARLEMONT DR
SWANSON RD
GANDER LN
GROUSE WAY
QUAIL WAY LN
CRANDON PL
DOGWOOD DR
LILAC DR
DRIFTWOOD LN
MAGNOLIA DR
CRABTREE DR
PEBBLE LN
TRAILWOOD DR
CUNNINGHAM LN
BRIGHAM LN
BROMPTON LN
WARRINGTON LN
PENNY LN
PENN CT
PEARL CT
VILLAGE RD
VILLAGE CT
ASHFORD LN
BRADFORD LN
COPPERFIELD LN
HARPER LN
QUEENSPORT DR
GOLDSBORO LN
CALEDONIA LN
SADDLE CREEK LN
THOMASVILLE LN
ROYAL OAK LN
DEER CREEK LN
MILLER RD
LITCHFIELD CT
STANTON CT
WEXFORD LN
WATERFORD LN
CROFTON CT
SORREL ROW
HILLSBORO LN
ARLAND CT
BRISBANE DR
HADDON CT
BALDWIN CT
HIGHWOOD LN
CHADWICK LN
NEWBURY CT
HAYWARD CT
BANFORD CIR
MARGATE CT
HARVARD LN
RONAN DR
GALWAY DR
GLADSTONE DR
MAGNOLIA LN
IMPRESSIONS DR
GENEVA CT
DANBURY CT
SIENNA DR
AURORA DR
SAVOY CT
SONOMA CIR
SONOMA CT
FOXFIELD LN
Legend
Red Route
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City of Crystal Lake
Red Route Grid
3
4
5
6
JACKMAN DR
CRYSTAL LAKE PLZ
TEOKLER BLVD
S MAIN ST
FEDERAL DR
EXCHANGE DR
TRACY TRL
COG CIR
CHALET DR
S ROUTE 31
SMITANA RD
NIMCO DR
NORTHWEST HWY
GOLF VIEW DR
COLONIAL AVE
COWLIN ST
MANOR RD
SHALES ST
HEMLOCK ST
REDWOOD ST
BIRCH ST
SANDS RD
THREE OAKS RD
CLAIRE ST
FAIRFAX DR
LUTTER DR
TEK DR
RAYMOND DR
MEYER DR
MCARDLE DR
DUFFY DR
CENTRAL PARK DR
MUNSHAW LN
JAMES R RAKOW RD
VIRGINIA RD
PYOTT RD
PINGREE RD
EASTGATE RD
HERITAGE DR
LIBERTY RD
LOU AVE
OFFICIAL RD
FACTORY RD
COMMERCIAL RD
E BERKSHIRE DR
SOMERSET LN
DOVER CT
KINGSTON LN
COVENTRY LN
PLYMOUTH LN
SUSSEX LN
ELETSON DR
CIRCLE DR
LINN AVE
EVERETT AVE
RUDAT CT
LEE DR
SHARON DR
LEE CT
CHARDONNAY LN
BRANDY DR
TAMARISK LN
EXMOOR TER
GREEN BRIER CT
MCHENRY AVE
WOODMAR DR
GLENDALE DR
BARLINA RD
VILLA DR
SHERBON LN
BARROW DR
HEISLER CT
NOTTINGHAM LN
SHEFFIELD DR
DARLINGTON LN
ABBINGTON DR
ABERDEEN DR
SURREY LN
NEWCASTLE CT
SUFFOLK DR
DARTMOOR DR
CAMELOT DR
BOXWOOD DR
BEDFORD DR
SUTHERLAND DR
WINDSOR DR
WINDSLOW CIR
KELSEY CT
BENNINGTON DR
PRESCOTT LN
MANCHESTER DR
ROSEWOOD LN
MONARCH DR
PIPER CT
AUBURN CT
PARKRIDGE DR
LUCERNE DR
LOCH LOMOND DR
TRAILWOOD DR
HOLLYTREE LN
ACADIA CIR
ANGELA LN
ROOSEVELT ST
BROMPTON LN
PENNY LN
PENN CT
PEARL CT
VILLAGE RD
VILLAGE CT N
WARRINGTON LN
SOMERFIELD LN
COPPERFIELD LN
CUNNINGHAM LN
BRIGHAM LN
HARTFORD LN
BRADFORD LN
RANDALL RD
MILLER RD
Legend
Red Route
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