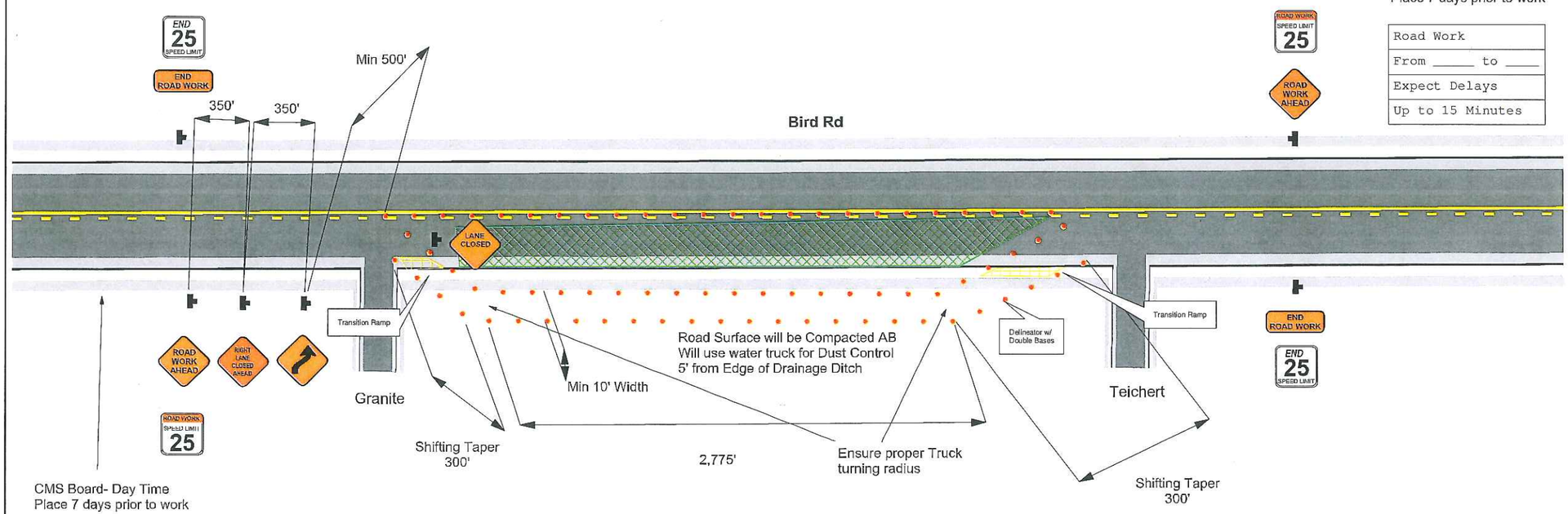
www.invarion.com

CMS Board at Night Time

LANE SHIFT
AHEAD
<<<< OR >>>>

CMS Board- Day Time
Place 7 days prior to work

Road Work
From _____ to ____
Expect Delays
Up to 15 Minutes



CMS Board- Day Time
Place 7 days prior to work

Road Work
From _____ to ____
Expect Delays
Up to 15 Minutes

CMS Board at Night Time

LANE SHIFT
AHEAD
<<<< OR >>>>

GRANITE CONSTRUCTION COMPANY SINCE 1922

Date: 04/24/2012 **Author:** Travis Collins **Project:** Bird Rd Improvements

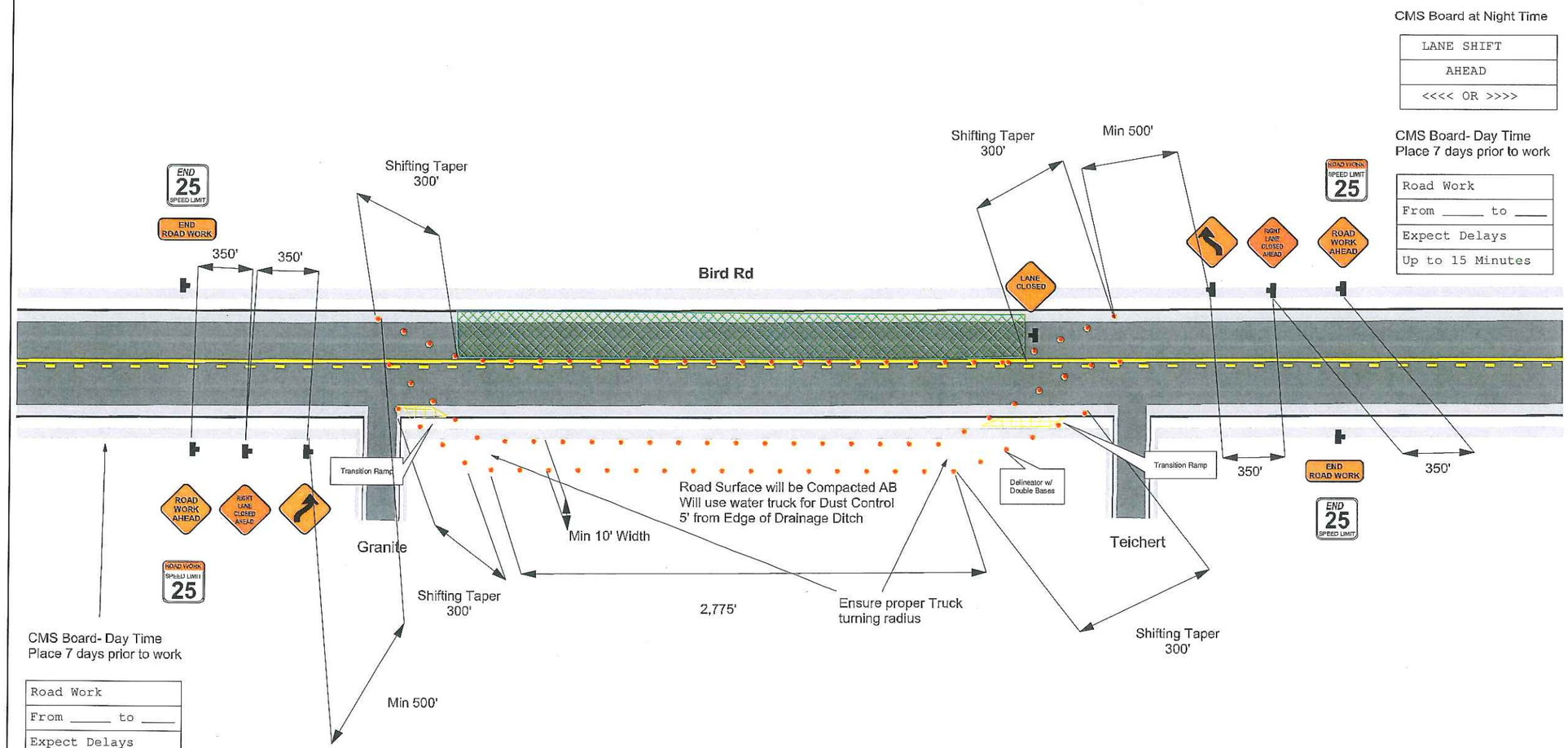
Comments:

Permanent Traffic Handling Plan

All Sign Codes are per California (CA) MUTCD 2006

Maintain access for all local and empergency vehicles at all time.

www.invarion.com



CMS Board at Night Time

LANE SHIFT
AHEAD
<<<< OR >>>>

CMS Board- Day Time
Place 7 days prior to work

Road Work
From _____ to ____
Expect Delays
Up to 15 Minutes

CMS Board- Day Time
Place 7 days prior to work

Road Work
From _____ to ____
Expect Delays
Up to 15 Minutes

CMS Board at Night Time

LANE SHIFT
AHEAD
<<<< OR >>>>

GRANITE CONSTRUCTION COMPANY SINCE 1922

Date: 04/24/2012 **Author:** Travis Collins **Project:** Bird Rd Improvements

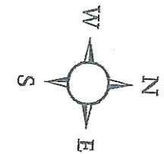
Comments:

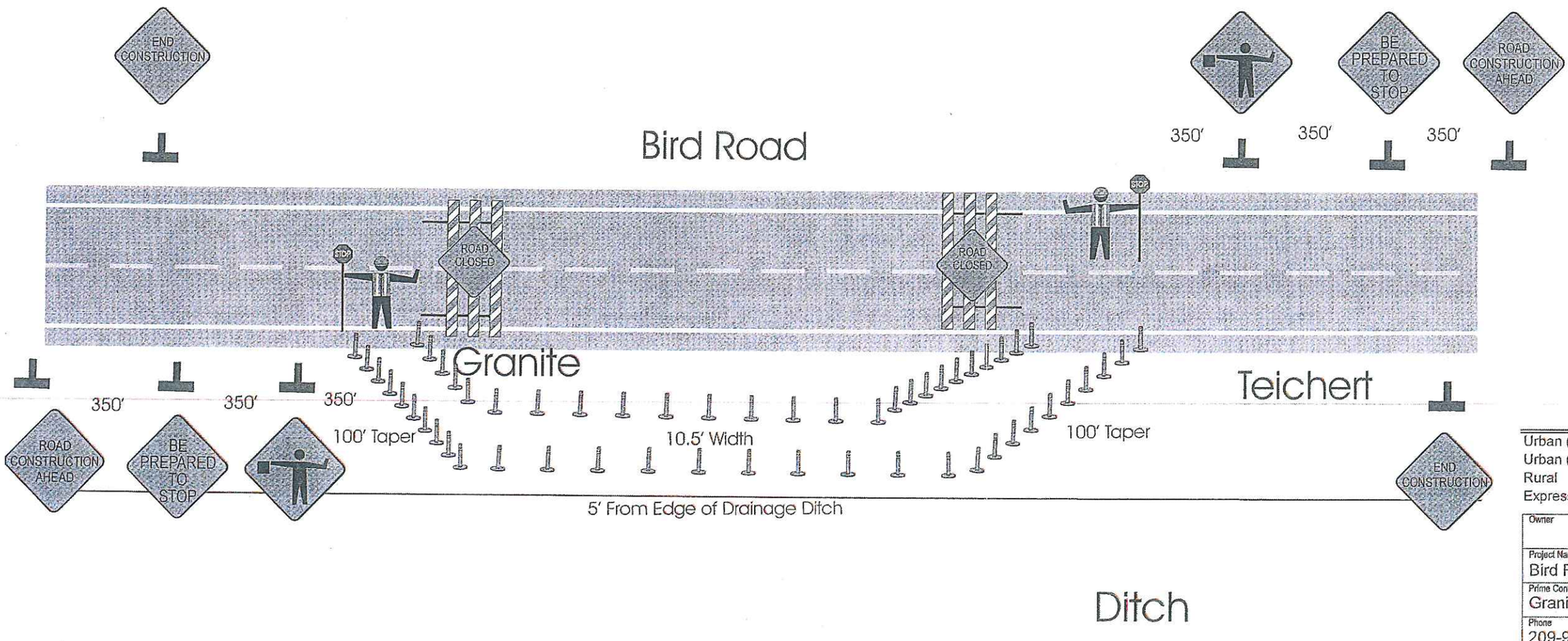
Permanent Traffic Handling Plan

All Sign Codes are per California (CA) MUTCD 2006

Maintain access for all local and empergency vehicles at all time.

Working Hours Traffic Control Plan
See MUTCD Fig 6C-3





Note:
-Maintain access for emergency vehicles at all time.

-Allow safe passage for pedestrians and bicyclists.

-Remove all devices and signage no longer needed or appropriate for traffic control.

-Flaggers to be trained in flagging moving traffic.

-All traffic control devices to conform to the MUTCD 2003 Specifications of traffic control standards.

-All device placement to conform with the MUTCD 2003 Specifications of traffic control guidelines.

TRAFFIC CONTROL ZONE TABLE				
SPEED MPH	MERGEING TAPER	SHIFTING TAPER	SHOULDER TAPER	BUFFER SPACE
25	125'	63'	42'	55'
30	180'	90'	60'	85'
35	245'	123'	82'	120'
40	320'	160'	107'	170'
45	540'	270'	180'	220'

Distance Between Signs

Road Type	A	B	C
Urban (less than 35mph)	100'	100'	100'
Urban (35mph or greater)	350'	350'	350'
Rural	500'	500'	500'
Expressway / Freeway	1000'	1500'	2640'

Owner: Granite Construction		
Project Name: Bird Road		Project Number: 21599923
Prime Contractor: Granite Construction		Traffic Control Contractor: Granite Construction
Phone: 209-982-4750	Sheet Number: 1	Date: 03/11/10
Prepared By: Jeremy Newswander		