

PROJECT SPECIFIC GENERAL NOTES:

1. Traffic controls shall be in accordance with the project plans, the current edition of the Florida Department of Transportation (FDOT) Design Standards (600 series), the Standard Specification for Road and Bridge Construction, and the current Manual on Uniform Traffic Control Devices as minimum criteria.

2. Notification of lane closures shall be accompanied 14 working days prior to closure submitting the required lane closure form, sketches, calculations, and other data through the Engineer to the District Traffic Operations Office.

3. Traffic disruptions which are not shown by the traffic control plan, but which are necessary to construct the project shall be submitted in writing to the engineer 14 days prior to the commencement of work. Submittal material shall include sketches, calculations and other data required by the Engineer.

4. The traffic and travel ways shall not be altered by the Contractor to create a work zone until all labor and material are available for the construction in that area.

5. Lane closings shall occur only during non-peak hours. Peak hours are from: 7:00-9:00am and 4:00-6:00pm.

6. The regulatory speed shall be 55 mph.

7. As approved by the Engineer, the Contractor shall cover work zone signs when conditions no longer warrant their use. Cost of covering and uncovering the signs shall be included in maintenance of traffic.

8. Contractor shall remove, relocate or cover any existing or proposed signs that conflict with the traffic control plans. When the conflict no longer exists, the contractor shall restore the signs to their original position. Cost of temporarily removing, relocating, covering and restoring the signs shall be included in maintenance of traffic.

9. Uniformed, off-duty law enforcement officers can be used only as approved by the Engineer and use is limited to construction operations for setting and removing traffic control devices, night work, moving operations, or other situations specifically authorized by the Engineer. All cost for the officer(s) shall be included in the maintenance of traffic.

10. All existing signage shall be maintained in an appropriate location for the duration of the project.

11. The contractor shall maintain a minimum of one lane of traffic at all times for minor side streets. During one lane operation a flag man shall be used. If operation exceeds one work period, contractor shall cover excavation and return two way traffic at the end of each work period.

12. If temporary lane closure causes extended congestion, the contractor shall, at the direction of the Engineer, reopen the closed lane(s) at no additional cost until such time the traffic flow has returned to an acceptable level.

13. Provisions for traffic control plan which are not anticipated in the traffic control plans, but are necessary for project construction shall be submitted to the engineer at least 72 hours prior to using such provisions.

14. A certified maintenance of traffic supervisors shall be available to the project at all times when the contractor is working and shall be on call for emergencies when the Contractor is not working. All work shall cease when MOT Supervisor is not present.

15. Access shall be provided to all places of business and residences whenever construction interferes with the existing means of access. Adequate accommodations for intersecting and crossing traffic shall be provided and maintained by the contractor. No road or street crossings within the project shall be blocked or unduly restricted as determined by the engineer.

16. Contractor shall be responsible for the immediate removal of storm water from roadways utilized for maintaining traffic in a manner approved by the Engineer. Cost for removing the water shall be included in maintenance of traffic.

17. Arrows provided on details denote direction of traffic only and do not reflect pavement markings unless specifically noted.

Markings:

1. The contractor shall maintain all existing pavement markings during construction. If necessary, Contractor shall submit to the Engineer any modifications or temporary markings to the existing pavement markings during construction. Cost of removal of temporary pavement markings, regardless of method, is included in the related pavement marking maintenance of traffic. Use of black paint to cover existing and/or temporary pavement markings is prohibited.

Drop offs:

1. For drop offs, the contractor's attention is directed to fdot standard index no. 600, sheet 6 of 10.

Signals:

1. The contractor shall have full responsibility for the normal maintenance of existing traffic signal(s) within the project limits. All signals shall remain in full operation unless deemed necessary for construction activities. The contractor shall notify Broward County Traffic Engineering Division (BCTED) (Telephone number (954) 847-2600) a minimum of 10 working days prior to any modification and/or changes of an existing traffic signal (i.e. Taking signals off-line, removing or replacing loop assemblies or rearranging traffic signal heads). The contractor shall install the temporary signalization system and have the system in operation before taking the existing system out of service. Portable temporary units shall not be used. The temporary signal system shall be adjusted to the traffic needs of each construction phase. Signal heads are to be located with respect to approach lanes. Cost of adjusting temporary signal for the required top phases shall be included in maintenance of traffic.

2. The contractor shall utilize the existing signal equipment or provide all necessary signalization components and appurtenances, including but not limited to; poles, temporary electric service connections, temporary conduits and wires, relocation of existing controllers or temporary controllers, and necessary signal timing coordination with Broward County Traffic. The contractor shall provide maintenance of the temporary signal system until the permanent system is installed and functional. Cost to be included in maintenance of traffic.

Pedestrian, bicycles & wheelchairs:

1. The contractor shall maintain pedestrian, bicycle, and wheel chair traffic on at least one side of the roadway at all times during construction. This shall be done in accordance to index 660 1 of 1

2. At the end of each work day or whenever the work zone becomes inactive, any drop-off adjacent to pedestrian travel paths shall be backfilled flush with the travel path or shall be protected with barricades, temporary barrier wall or approved handrail.

3. Pedestrian, bicycles, and wheelchair traffic shall be guided and maintained using approved warning lights, signing, markings, and channelization devices. Such control devices shall be installed and maintained in accordance with, fdot standards and the current mutcd. All ada requirements must be maintained.

4. The contractor shall maintain access and signs for existing bus stop locations within the project limits. If existing bus stops need to be relocated, provisions to accommodate bus stops must be coordinated with the Broward County Mass Transit Agency, telephone number (954) 357-8400.

5. The maintenance of traffic shall include provisions for school pedestrian traffic with the following minimum requirements: The safe walk route for all schools within the vicinity of the construction zone shall be maintained during the times students are arriving at or leaving school. All construction equipment around any designated crosswalk shall cease to operate during the times students are arriving at or leaving school. All construction equipment adjacent to a designated walk route shall cease operating unless satisfactorily barricaded from the walk route. In the case that a designated crossing or any portion of the designated walk route cannot be maintained. Then the contractor shall notify the 'school safety coordinator' at broward county traffic engineering division, (954) 847-2600, a minimum of ten (10) working days prior to closing that route so that an alternate crossing/route can be established. Thirty (30) days prior to the beginning of construction the contractor shall notify the school safety coordinator' at broward county traffic division, (954) 847-2600, to arrange a 'pre-construction school safety' meeting.

Landscape plan specific notes:

1. SR-7 Southbound and Sawgrass Expressway Westbound Ramp Signal Operation
a. Contractor to cover signal heads or make signal head revisions where impacted as required due to maintenance of traffic per FDOT standard index 600 and fdot traffic operations office.

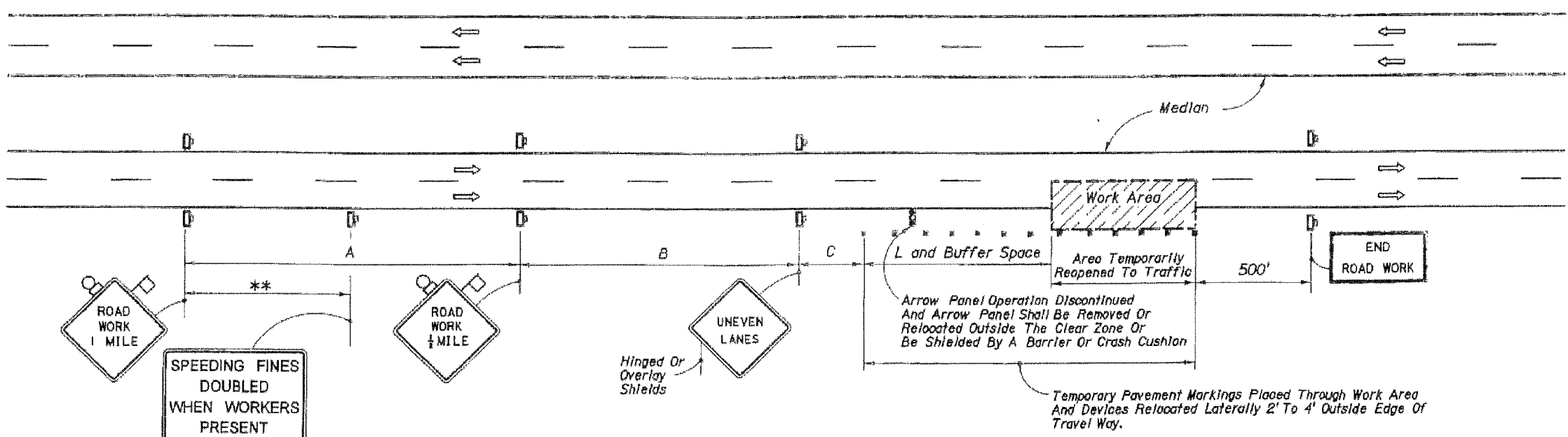
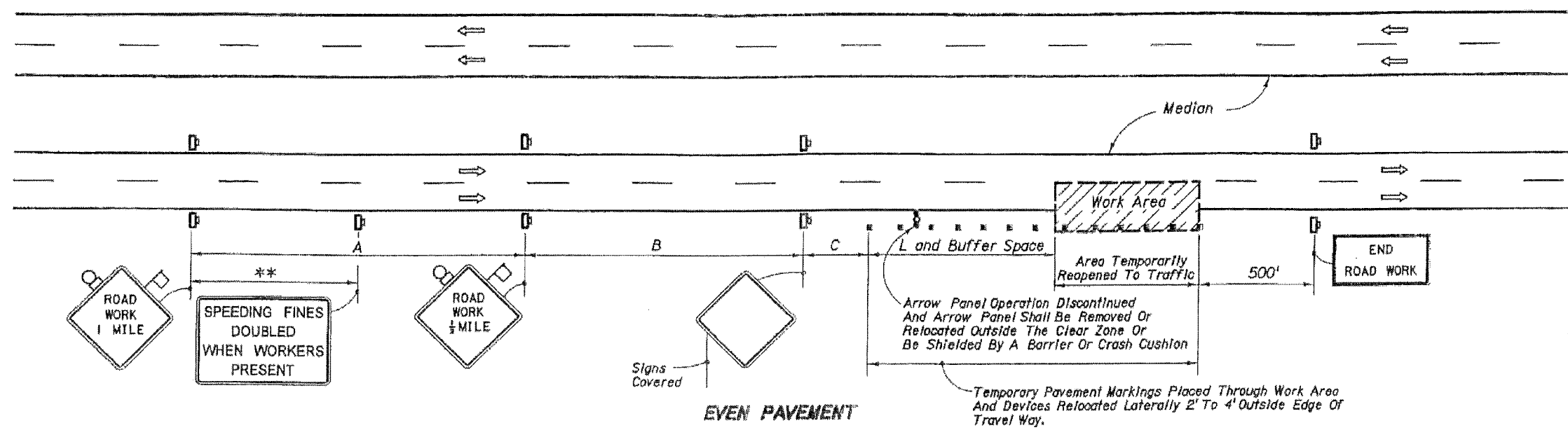
2. INTERSECTIONS: Sawgrass Expressway Westbound Ramp; N.W. 61st Street; Regency Lakes Blvd.; Johnson Rd./Holmberg Rd.; Hillsboro Blvd.; Loxahatchee Rd.:

a. FDOT standard index 616 must be implemented when median work near intersection condition exists.
b. Traffic control at intersections must provide sight distances for the road user to perceive potential conflicts and to traverse the intersection safely.

3. INTERSECTION: Johnson Rd./Holmberg Rd.

a. Maintenance of traffic shall include provisions for pedestrians and / or school traffic as well as vehicular traffic. Contractor to comply with all school safety requirements as outlined in the BCTED Maintenance of traffic school / pedestrian criteria.

REVISIONS						 MILLER LEGG 1800 North Douglas Road - Suite 200 - Pembroke Pines, Florida - 33024 954-436-7000 - Fax: 954-436-8664 - www.millerlegg.com Cert. of Auth.: EB0007318 - Engineer of Record: Eric S. Czerniejewski PE-58002	CITY OF COCONUT CREEK ROAD NO. COUNTY MILLER LEGG PROJECT ID			TRAFFIC CONTROL NOTES	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		7	BROWARD	07-00239		LD-80



UNEVEN PAVEMENT
INTERMITTENT WORK STOPPAGE - LANE REOPENED TO TRAFFIC

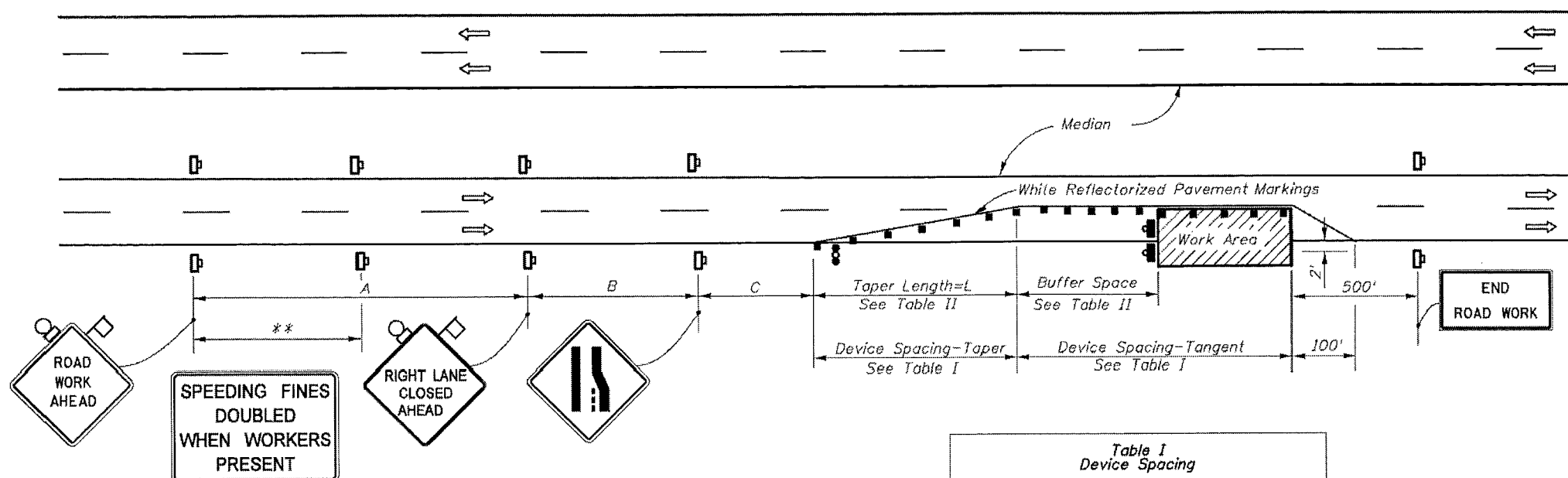
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CITY OF COCONUT CREEK		
ROAD NO.	COUNTY	MILLER LEGG PROJECT ID
7	BROWARD	07-00239

TRAFFIC CONTROL DETAILS

SHEET NO.
LD-81



**Table II
Buffer Space and Taper Length**

Speed (mph)	Buffer Space	Taper Length (12' Lateral Transition)	
	Dist. (ft.)	L (ft.)	Notes (Merge)
25	155	125	$L = \frac{WS^2}{60}$
30	200	180	
35	250	245	
40	305	320	L=WS
45	360	540	
50	425	600	
55	495	660	
60	570	720	
65	645	780	
70	730	840	

When Buffer Space cannot be attained due to geometric constraints, the greatest attainable length shall be used, but not less than 200 ft.

For lateral transitions other than 12', use formula for L shown in the notes column. Where:
 L= Length of taper in feet
 W= Width of lateral transition in feet
 S= Posted speed limit (mph)

**Table I
Device Spacing**

Speed (mph)	Max. Distance Between Devices (ft.)			
	Cones or Tubular Markers		Type I or Type II Barricades or Vertical Panels or Drums	
	Taper	Tangent	Taper	Tangent
25	25	50	25	50
30 to 45	25	50	30	50
50 to 70	25	50	50	100

DISTANCE BETWEEN SIGNS

Speed	Spacing (ft.)		
	A	B	C
40 mph or less	200	200	200
45 mph	350	350	350
50 mph	500	500	500
*55 mph or greater	2640	1640	1000

GENERAL NOTES

1. Work operations shall be confined to one traffic lane, leaving the adjacent lane open to traffic.
2. On undivided highways the median signs as shown are to be omitted.
3. When work is performed in the median lane on divided highways, the channelizing device plan is inverted and left lane closed and lane ends signs substituted for the right lane closed and lane end signs. The same applies to undivided highways with the following exceptions:
 (a) Work shall be confined within one median lane.
 (b) Additional barricades, cones, or drums shall be placed along the centerline abutting the work area and across the trailing end of the work area.
4. Signs and traffic control devices are to be modified in accordance with INTERMITTENT WORK STOPPAGE details (sheet 2 of 2) when no work is being performed and the highway is open to traffic.
5. The two channelizing devices directly in front of the work area may be omitted provided vehicles in the work area have high-intensity rotating, flashing, oscillating, or strobe lights operating.
6. When paved shoulders having a width of 8 ft. or more are closed, channelizing devices shall be used to close the shoulder in advance of the merging taper to direct vehicular traffic to remain within the travelway. See Index No. 612 for shoulder taper formulas.
7. When a side road intersects the highway within the TTC zone, additional TTC devices shall be placed in accordance with other applicable TCZ Indexes.
8. This TCZ plan does not apply when work is being performed in the middle lane(s) of a six or more lane highway. See Index No. 614.
9. For general TCZ requirements and additional information, refer to Index No. 600.

DURATION NOTES

1. Temporary white edgeline may be omitted for work operations less than 3 days.
2. Signs, arrow panel and buffer space may be omitted if all of the following conditions are met:
 a) Work operations are 60 minutes or less.
 b) Speed limit is 45 mph or less.
 c) No sight obstructions to vehicles approaching the work area for a distance equal to the buffer space and the taper length combined.
 d) Vehicles in the work area have high-intensity, rotating, flashing, oscillating, or strobe lights operating.
 e) Volume and complexity of the roadway has been considered.

CONDITIONS

WHERE ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCRDACH ON THE LANE ADJACENT TO EITHER SHOULDER AND THE AREA 2' OUTSIDE THE EDGE OF TRAVEL WAY.

- SYMBOLS**
- Work Area
 - Sign With 18"x 18" (Min.) Orange Flag And Type B Light
 - Channelizing Device (See Index No. 600)
 - Type I Type II Or Type III Barricade Or Vertical Panel Or Drum (With Flashing Light)
 - Work Zone Sign
 - Advance Warning Arrow Panel

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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TRAFFIC CONTROL DETAILS

SHEET NO. LD-82