

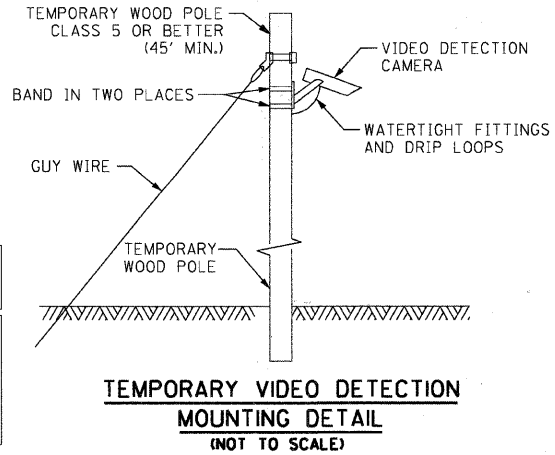
PROPOSED EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	← →	↑ ↓

STAGE 2 TEMPORARY SIGNAL CABLE PLAN

- LEGEND
- ◀ ○ ▶ DUAL ENTRY PHASE
 - ◀ ○ ▶ PEDESTRIAN PHASE
 - ◀ ○ ▶ OVERLAP
 - * NUMBER REFERS TO ASSOCIATED PHASE

NOTES:

1. ALL PEDESTRIAN SIGNAL HEADS SHALL BE BAGGED AND DISCONNECTED AT LOCATIONS WHERE EXISTING PAVEMENT IS REMOVED. ALL PEDESTRIAN SIGNAL HEADS SHALL REMAIN BAGGED UNTIL THE PAVEMENT IS RESTORED TO PROVIDE A SAFE CROSSING AREA. USAGE OF PEDESTRIAN SIGNAL HEADS IS BASED ON CONSTRUCTION STAGING AND SHALL BE DETERMINED BY THE RESIDENT ENGINEER. IF SIDEWALKS AND PED CROSSINGS ARE NOT PROVIDED, THE PEDESTRIAN SIGNAL EQUIPMENT SHALL REMAIN DISCONNECTED UNTIL WARRANTED PRIOR TO PERMANENT SIGNAL TURN-ON.



TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. OF LAMPS X INCAND.	WATTAGE	LED X % OPERATION		
SIGNAL (RED)	12	X	17	0.50	102.0
(YELLOW)	12	X	25	0.25	75.0
(GREEN)	12	X	15	0.25	45.0
ARROW	16	X	12	0.10	19.20
PED. SIGNAL	8	X	25	1.00	200.0
CONTROLLER	1	X	100	1.00	100.0
ILLUM. SIGN	--	X		0.05	
VIDEO SYSTEM		150		1.00	150.0
ENERGY COSTS TO: CITY OF CRYSTAL LAKE					TOTAL =
MARK STONIKAS (815) 356-3700, EXT. 4025					691.2
100 W. WOODSTOCK STREET					
CRYSTAL LAKE, ILLINOIS 60014					
ENERGY SUPPLY: CONTACT: LISA COOK					
PHONE: 815-477-5204					
COMPANY: COM. ED.					

NOTE: THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

RESTORATION OF WORK AREA. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

REVISIONS	
NAME	DATE

MCHENRY COUNTY DIVISION OF TRANSPORTATION
WALKUP ROAD F.A.U. 0085

STAGE 2: TEMP CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE SEQUENCE
IL ROUTE 176 & WALKUP ROAD

SCALE: N.T.S. DRAWN BY: SNB
DATE: 06/10/11 CHECKED BY: RRM

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
305 N. MICHIGAN AVE. CHICAGO, IL 60611
TELEPHONE: 312.644.8000

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.