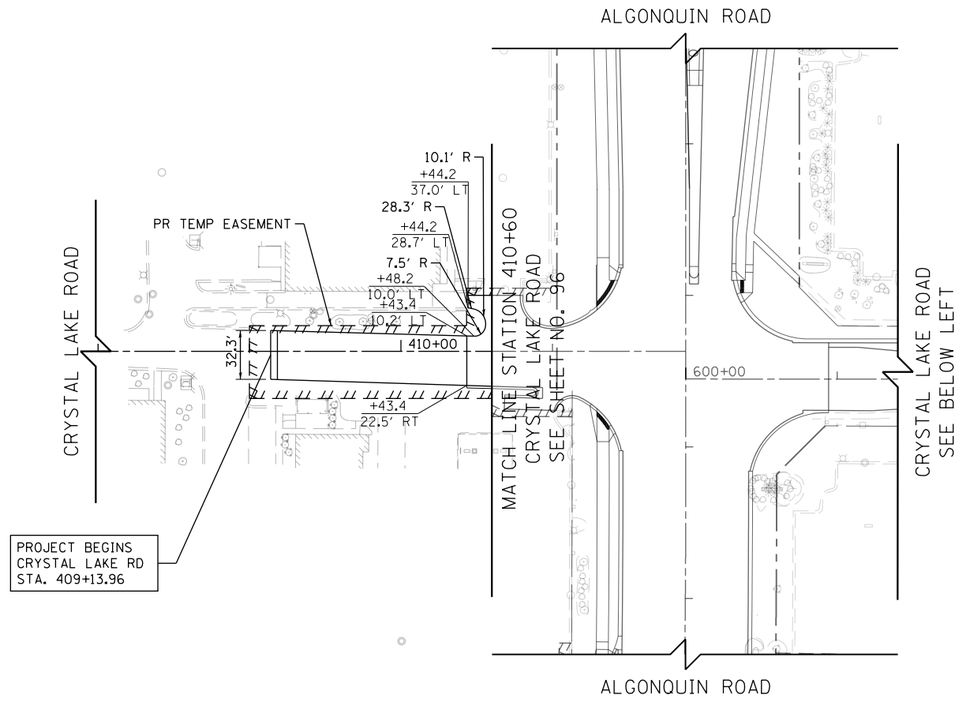
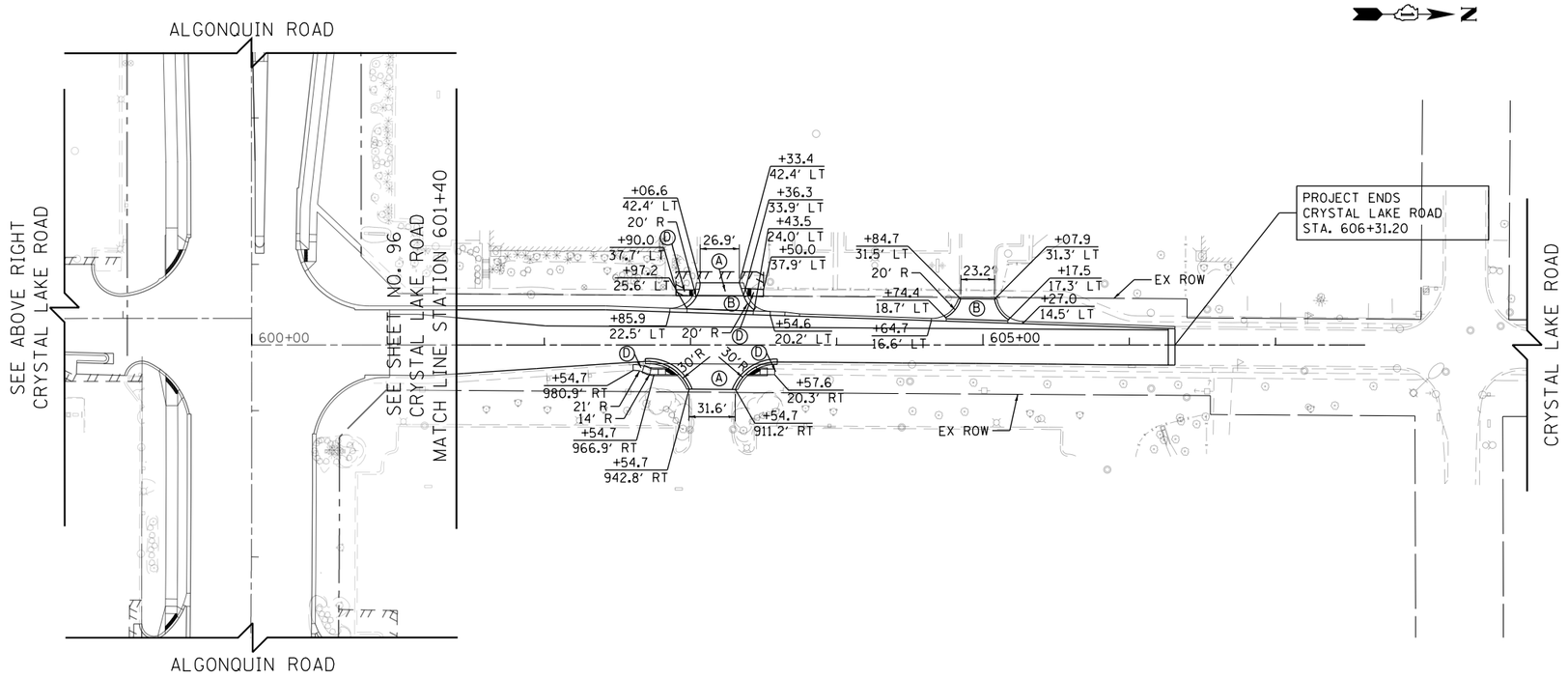


LEGEND

- (A) HMA SURF CSE, MIX "D", N50, 2"
  HMA BASE CSE, 8"
- (B) PCC DRV PVMT, 8"
- (C) HMA SURF CSE, MIX "D", N50, 4"
  AGG BASE CSE, TYPE B 6"
- (D) PCC SIDEWALK, 5"
  AGG BASE CSE, TYPE B 4"



NOTE:

1. ALL SIDEWALK RAMPS SHALL BE CONSTRUCTED ACCORDING TO STANDARD 424001 TO MAINTAIN ADA COMPLIANCE.
2. ALL STUBS ARE 12" IN LENGTH UNLESS OTHERWISE INDICATED.
3. SEE DISTRICT 1 DRIVEWAY DETAILS ON SHEETS 706 AND 707
4. FOR ADDITIONAL ADA RAMP DETAILS SEE SHEET NO. 403 TO 429
5. FOR MULTI-USE PATH AND CONNECTION DETAILS SEE SHEET NO. 87 TO 90
6. FOR ROADWAY PLAN AND PROFILE DETAILS SEE SHEET NO. 67 TO 86
7. FOR STRUCTURAL PLAN DETAILS SEE SHEET NO. 626 TO 705
8. ALL BUS STOP AND BIKE RACK PADS TO BE PAID FOR AS PCC SIDEWALK, 5"

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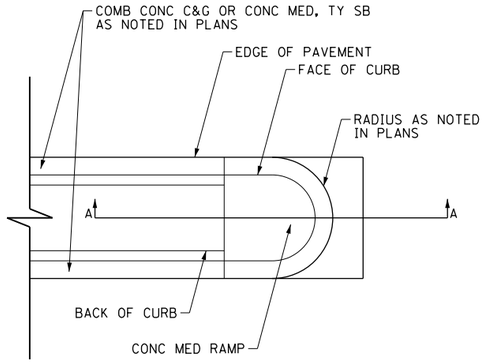
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

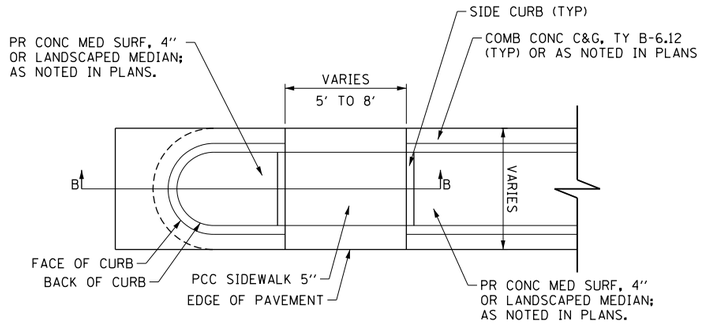
CRYSTAL LAKE ROAD
SIDEWALK, PATH AND DRIVEWAY PLAN

SCALE: 1" = 50' | SHEET 11 OF 11 SHEETS | STA 408+00 TO STA 607+50

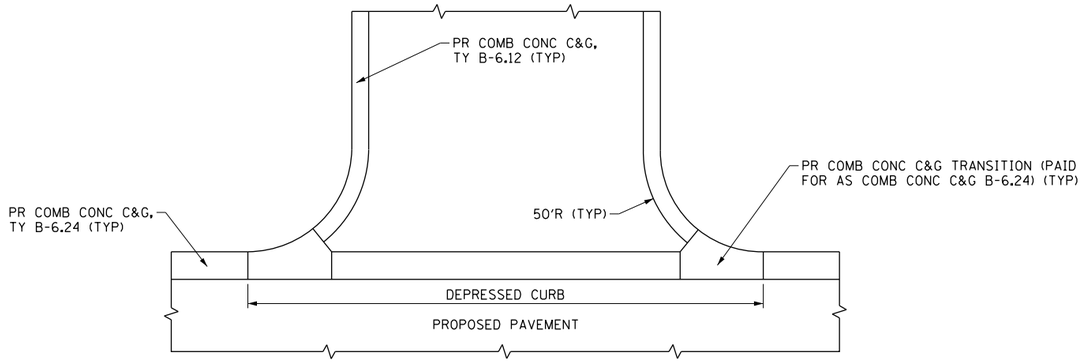
FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	101
		CONTRACT NO. 61E53		
		ILLINOIS FED. AID PROJECT		



PLAN VIEW

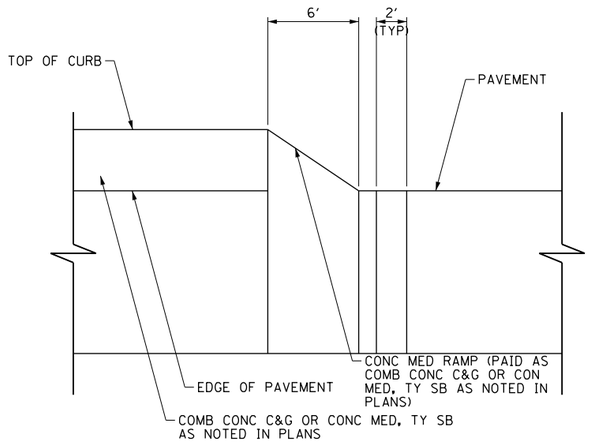


PLAN VIEW



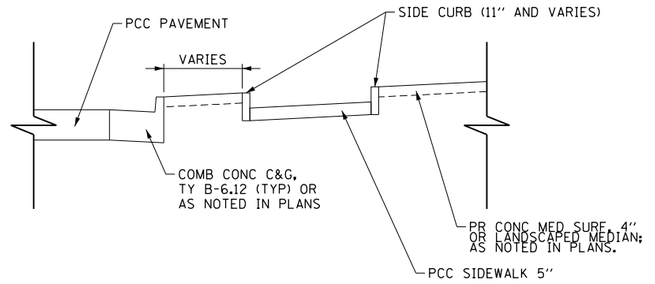
COMMERCIAL & PRIVATE DRIVEWAY DETAIL

NOTE: CURB RADIUS OF 50' AND CURB TYPE
ARE TYPICAL UNLESS OTHERWISE NOTED IN THE PLANS.



SECTION A-A

CONCRETE MEDIAN RAMP TRANSITION



SECTION B-B

PEDESTRIAN REFUGE ISLAND DETAIL

NOTE: PEDESTRIAN REFUGE ISLAND SHALL BE CONSTRUCTED
IN ACCORDANCE WITH APPLICABLE PORTIONS OF STANDARD 424031 AND 606301-04

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED ROADWAY DETAILS

SCALE: N.T.S. | SHEET 1 OF 1 SHEETS | STA | TO STA

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	102
		CONTRACT NO. 61E53		
		ILLINOIS FED. AID PROJECT		

GENERAL

1. THE TRAFFIC CONTROL PLANS SHALL SERVE AS A GUIDE FOR SAFE DIVERSION OF TRAFFIC DURING THE EXECUTION OF THIS CONTRACT. THE CONTRACTOR MAY MODIFY THE TRAFFIC CONTROL PLANS AT NO ADDITIONAL COST TO THE COUNTY TO MEET CONSTRUCTION NEEDS BUT NOT AT THE EXPENSE OF PUBLIC SAFETY OR CONVENIENCE. ANY CHANGES TO THE TRAFFIC CONTROL PLAN SHALL BE SUBMITTED TO THE ENGINEER AND THE COUNTY FOR APPROVAL.

2. THE CONTRACTOR SHALL MAINTAIN TRAFFIC IN ACCORDANCE WITH THE SPECIAL PROVISIONS, STATE STANDARDS, STANDARD SPECIFICATIONS, AND AS DIRECTED BY THE ENGINEER.

3. THE CONTRACTOR SHALL MAINTAIN A MINIMUM OF TWO 11' THRU LANES IN EACH DIRECTION FOR TWO-WAY TRAFFIC FLOW ALONG RANDALL ROAD AND A MINIMUM OF TWO 10' THRU LANES IN EACH DIRECTION ALONG ALGONQUIN ROAD UNLESS OTHERWISE SPECIFIED.

4. THE ENGINEER SHALL BE INFORMED 72 HOURS IN ADVANCE OF ANY CHANGE IN CONSTRUCTION STAGING.

5. TRAFFIC CONDITIONS, ACCIDENTS, AND OTHER UNFORESEEN EMERGENCY CONDITIONS MAY REQUIRE THE ENGINEER TO RESTRICT, MODIFY, OR REMOVE LANE CLOSURES OR CHANNELIZATION SHOWN IN THE PLANS. THE CONTRACTOR SHALL MAKE THE NECESSARY ADJUSTMENTS AS DIRECTED BY THE ENGINEER WITHOUT DELAY. THE CONTRACTOR SHALL RESPOND TO ANY REQUEST MADE BY THE ENGINEER FOR CORRECTION WITHIN TWO HOURS FROM THE TIME OF NOTIFICATION.

6. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ENTRANCES AND APPROACHES WITHIN THE PROJECT LIMITS. CONSTRUCTION OF ENTRANCES AND APPROACHES SHALL BE COORDINATED WITH INDIVDUAL PROPERTY OWNERS AND THE ENGINEER. THIS WORK IS TO BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR TEMPORARY ACCESS (PRIVATE ENTRANCE), TEMPORARY ACCESS (COMMERCIAL ENTRANCE), OR TEMPORARY ACCESS (ROAD).

7. A QUANTITY OF CLASS D PATCHES, TYPE IV HAS BEEN INCLUDED TO BE USED AT THE DISCRETION OF THE ENGINEER TO PATCH DETERIORATED PAVEMENT.

SIGNS

1. TRAFFIC CONTROL DEPICTED ON THE MAINTENANCE OF TRAFFIC PLANS IS THE MINIMUM REQUIREMENT. OTHER WORK OR SIGNING MAY BE REQUIRED BY THE ENGINEER AT NO ADDITIONAL COST.

2. ALL EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL PLAN SHALL BE REMOVED AND RE-ERECTED IN ACCORDANCE WITH ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS.

3. THE CONTRACTOR SHALL PROVIDE, INSTALL, MAINTAIN, AND REMOVE ALL SIGNS AND SIGN SUPPORTS REQUIRED FOR TRAFFIC CONTROL AND PROTECTION. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL).

4. THE CONTRACTOR SHALL PLACE "CAUTION NEW LANES OPEN" SIGNS AT EVERY ENTRANCE AND SIDE ROAD AT THE TIME OF OPENING NEW LANES TO TRAFFIC OR AS DIRECTED BY THE ENGINEER.

5. THE CONTRACTOR SHALL PLACE "DRIVEWAY ENTRANCE" SIGNS AT ALL COMMERCIAL ENTRANCES WITHIN THE PROJECT LIMITS WHERE ENTRANCES ARE OBSTRUCTED DUE TO CONSTRUCTION OR AS DIRECTED BY THE ENGINEER. ACCESS SHALL BE MAINTAINED TO ALL PROPERTIES DURING CONSTRUCTION OPERATIONS WITH THE USE OF AGGREGATE FOR TEMPORARY ACCESS AND/OR BY CONSTRUCTING ONE HALF OF THE PROPOSED DRIVEWAYS AT A TIME. SEE TEMPORARY INFORMATION SIGNS DETAIL TC-26 FOR MORE INFORMATION.

6. TEMPORARY SIGNING, AS SHOWN, SHALL CONFORM TO THE APPLICABLE STANDARDS INCLUDED IN THE SPECIAL PROVISIONS AND CONTRACT PLANS OR AS DIRECTED BY THE ENGINEER. ALL TEMPORARY INFORMATION SIGNS SHALL BE PAID FOR SEPARATELY AT THE UNIT PRICE FOR TEMPORARY INFORMATION SIGNING.

7. CHANGEABLE MESSAGE SIGNS SHALL BE PLACED BY THE CONTRACTOR TWO WEEKS BEFORE THE START OF CONSTRUCTION ACTIVITY AND CHANGES IN STAGES WITH THE APPROPRIATE MESSAGE DISPLAYED AS DIRECTED BY THE ENGINEER. THESE SIGNS SHALL BE PLACED IN ADVANCE OF THE WORK ZONE IN EACH DIRECTION OF RANDALL ROAD AND EACH OF THE CROSSROADS. CHANGEABLE MESSAGE SIGNS ARE REQUIRED FOR A MINIMUM OF 1 WEEK PRIOR TO ACTIVATING THE SIGNALS AT STONEGATE AND COSTCO/AMC ENTRANCE. ADDITIONAL CHANGEABLE MESSAGE SIGNS HAVE BEEN INCLUDED TO BE USED AT THE RESIDENT ENGINEER'S DISCRETION. THE WORK IS TO BE PAID FOR AT THE CONTRACT UNIT PRICE FOR CHANGEABLE MESSAGE SIGN.

BARRICADES

1. EXISTING TRAFFIC CONTROL DEVICES WITHIN THE LIMITS OF CONSTRUCTION ARE TO BE PROTECTED FROM DAMAGE BY THE CONTRACTOR. ANY DAMAGED SIGNS CAUSED BY HIS WORK SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.

2. CHANNELIZING DEVICES ARE TO BE PLACED AT THE SAME ELEVATION AS TRAVELING LANE OR SHOULDER PROFILE.

3. CHANNELIZING DEVICES MAY BE PLACED AT THE DROP-OFF ELEVATION TO PRESERVE LANE WIDTH. THE REFLECTIVE AREA AND WARNING LIGHT SHALL BE RAISED TO THE ELEVATION ABOVE THE TRAVELLING LANE OR SHOULDER PROFILE AS REQUIRED BY STANDARD 701901. THE CONTRACTOR SHALL USE LEG EXTENSIONS FOR TYPE II BARRICADES OR PROVIDE A 2 FOOT WIDE EARTH FILL PAD FOR DRUMS TO MEET MINIMUM BARRICADE HEIGHT. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL).

4. ALL CONSTRUCTION SIGNS, BARRICADES, AND OTHER DEVICES REQUIRED TO CONTROL TRAFFIC SHALL BE FURNISHED, INSTALLED, AND MAINTAINED BY THE CONTRACTOR.

5. TUBULAR MARKERS SHALL BE INSTALLED USING NONDESTRUCTIVE METHODS ON ALL PAVEMENT THAT IS TO REMAIN. TUBULAR MARKERS SHALL BE REMOVED IN WINTER AND REINSTALLED IN SPRING.

PAVEMENT MARKINGS

1. ALL TEMPORARY PAVEMENT MARKINGS PROPOSED WITHIN THE WORK AREA SHALL BE COMPLETED PRIOR TO THE CONSTRUCTION PHASE CHANGE.

2. THE CONTRACTOR SHALL BE REQUIRED TO REMOVE ALL EXISTING PAVEMENT MARKINGS WHICH CONFLICT WITH THE DESIGNATED TRAFFIC CONTROL PLAN. THIS WORK SHALL BE PAID FOR AS PAVEMENT MARKING REMOVAL-WATER BLASTING AND PAVEMENT MARKING REMOVAL-GRINDING.

3. THE CONTRACTOR SHALL BE REQUIRED TO REMOVE ALL REFLECTORS FROM EXISTING RAISED REFLECTIVE PAVEMENT MARKERS WHICH CONFLICT WITH THE DESIGNATED TRAFFIC CONTROL PLAN. THIS WORK SHALL BE PAID FOR AS RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL.

4. ALL TEMPORARY PAVEMENT MARKINGS SHOWING DETERIORATION AFTER 7 DAYS SHALL BE REPLACED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. SUFFICIENT QUANTITIES FOR ONE PLACEMENT AND ONE REPLACEMENT HAVE BEEN PROVIDED FOR EACH STAGE. ALL MARKINGS THAT REQUIRE REPLACEMENT PRIOR TO 7 DAYS OF SERVICE OR REPLACEMENT AFTER THE SECOND REPLACEMENT SHALL BE REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE.

5. PAVEMENT MARKING TAPE, TYPE III SHALL BE USED ON ALL PAVEMENT THAT IS TO REMAIN.

OTHER

1. WHEN ARTIFICIAL LIGHTING IS USED IN NIGHT OPERATIONS THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJACENT RESIDENTIAL AREAS.

2. THE CONTRACTOR SHALL MAINTAIN EXISTING ROADWAY LIGHTING DURING THE DURATION OF THE PROJECT.

3. ANY SAWCUTTING OF THE EXISTING PAVEMENT FOR STAGE CONSTRUCTION SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR PAVEMENT REMOVAL.

4. ANY PAVEMENT DROP-OFFS GREATER THAN 3 INCHES IMMEDIATELY ADJACENT TO TRAFFIC SHALL NOT BE LEFT OVERNIGHT. DROP-OFFS GREATER THAN 18 INCHES SHALL NOT BE EXPOSED TO TRAFFIC FOR GREATER THAN 48 HOURS. THE WORK TO COMPLY WITH THIS CRITERIA SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL).

5. THE CONTRACTOR SHALL PROVIDE TEMPORARY HMA RAMPS TO TRANSITION TO THE DIFFERENTIAL ELEVATIONS CAUSED BY STAGED CONSTRUCTION BETWEEN THE NEW CONSTRUCTION AND EXISTING PAVEMENT. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR TEMPORARY PAVEMENT (VARIABLE DEPTH).

6. TEMPORARY PAVEMENT SHALL ADHERE TO THE TEMPORARY PAVEMENT SPECIAL PROVISION. TEMPORARY PAVEMENT SHALL CONSIST OF 8 INCHES OF PCC OR 2 INCHES OF HMA SURFACE COURSE OVER 8 INCHES OF HMA BINDER COURSE. THE SELECTED ALTERNATIVE SHALL BE PLACED ON SUBBASE GRANULAR MATERIAL, TYPE B, 4", WHICH WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT CONTRACT PRICE PER SQ YD FOR TEMPORARY PAVEMENT.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
GENERAL NOTES

SCALE: NONE | SHEET 1 OF 1 SHEETS

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	103
		CONTRACT NO. 61E53		
		ILLINOIS FED. AID PROJECT		

RANDALL ROAD

PRESTAGE

CONSTRUCTION (INITIAL WORK)

1. PATCH EXISTING LANES UNDER LANES CLOSURES. A QUANTITY OF CLASS D PATCHES, TYPE IV HAS BEEN INCLUDED TO BE USED AT THE DISCRETION OF THE ENGINEER TO PATCH DETERIORATED PAVEMENT.

2. REMOVE EXISTING RAISED MEDIAN AND SOUTHBOUND SHOULDER UNDER LANE CLOSURES WHERE TEMPORARY PAVEMENT WILL BE REQUIRED FOR THE PRESTAGE TRAFFIC.

3. CONSTRUCT TEMPORARY PAVEMENT WITHIN THE MEDIAN AND SOUTHBOUND SHOULDER UNDER LANE CLOSURES AS SHOWN ON PRESTAGE PLANS.

4. INSTALL TEMPORARY TRAFFIC SIGNALS ALONG RANDALL ROAD AT BUNKER HILL/HUNTINGTON DRIVE, ALGONQUIN ROAD, AND POLARIS DRIVE/ACORN LANE.

5. INSTALL TEMPORARY LIGHTING.

MAINTENANCE OF TRAFFIC (INITIAL WORK)

1. MAINTAIN EXISTING TRAFFIC PATTERNS WITH LANES CLOSURES FOR MEDIAN, SHOULDER, AND PATCHING WORK.

2. UTILIZE SHOULDER CLOSURES TO INSTALL TEMPORARY TRAFFIC SIGNALS AND LIGHTING.

CONSTRUCTION (PRIMARY WORK)

1. INSTALL EROSION AND SEDIMENT CONTROL.

2. EXCAVATE AND ROUGH GRADE OUTLET 2 AND OUTLET 5 DETENTION PONDS.

3. ESTABLISH TEMPORARY DRAINAGE DITCH ALONG THE EAST PARKWAY.

4. CONSTRUCT RETAINING WALL NB1 ON THE EAST SIDE OF RANDALL ROAD.

5. CONSTRUCT THE EAST SECTION OF THE DRAINAGE CULVERT AT STATION 2151+95, THE EAST SECTION OF THE PEDESTRIAN UNDERPASS AT STATION 2158+07, AND WALL C.

6. CONSTRUCT MAINLINE STORM SEWER FROM MEDIAN STRUCTURES TO EAST OUTFALLS AND PATCH TRENCHES WITH CLASS D PATCHES, TYPE IV.

7. REMOVE EXISTING NORTHBOUND SHOULDERS AND CONCRETE CURB AND GUTTER WHERE TEMPORARY PAVEMENT WILL BE REQUIRED FOR STAGE 1.

8. CONSTRUCT TEMPORARY PAVEMENT ON THE EAST SIDE OF RANDALL ROAD AS SHOWN ON PRESTAGE PLANS.

MAINTENANCE OF TRAFFIC (PRIMARY WORK)

1. ESTABLISH PRESTAGE TRAFFIC ON THE WEST SIDE OF RANDALL ROAD AS DETAILED IN THE PLANS.

2. MAINTAIN EXISTING PEDESTRIAN TRAFFIC.

3. UTILIZE OFF PEAK LANES CLOSURES TO CONSTRUCT MAINLINE STORM SEWER OUTFALLS.

CONSTRUCTION (FINAL WORK)

1. REMOVE EXISTING PAVEMENT MARKINGS, REFLECTORS, AND SIGNS THAT CONFLICT WITH STAGE 1.

2. PLACE STAGE 1 PAVEMENT MARKING, TRAFFIC CONTROL DEVICES, AND PEDESTRIAN SIGNING PRIOR TO STAGE 1 WINTER SHUTDOWN.

3. REALIGN TEMPORARY TRAFFIC SIGNALS PRIOR TO STAGE 1.

MAINTENANCE OF TRAFFIC (FINAL WORK)

1. ESTABLISH STAGE 1 TRAFFIC ON THE EAST SIDE OF RANDALL ROAD AS DETAILED IN THE PLANS PRIOR TO STAGE 1 WINTER SHUTDOWN.

2. ESTABLISH STAGE 1 PEDESTRIAN DETOUR PLAN.

PRESTAGE 1 WINTER SHUTDOWN

CONSTRUCTION (OPTIONAL WORK)

1. INSTALL EROSION AND SEDIMENT CONTROL.

2. ESTABLISH TEMPORARY DRAINAGE ALONG THE EAST PARKWAY AND STAGE 1 WORK ZONE.

3. INSTALL TEMPORARY CONCRETE BARRIER WITH SNOW STORAGE SHOULDER TO PROTECT WORK WITHIN THE OPTIONAL CONSTRUCTION WORK ZONE.

4. CONSTRUCT RETAINING WALL SB1 ON THE WEST SIDE OF RANDALL ROAD.

5. CONSTRUCT THE WEST SECTION OF THE DRAINAGE CULVERT AT STATION 2151+95.

6. CONSTRUCT THE WEST SECTION OF THE PEDESTRIAN UNDERPASS AT STATION 2158+07.

7. CONSTRUCT MAINLINE STORM SEWER IN THE MEDIAN, WEST SIDE LATERALS, AND STUBS FOR EAST LATERALS.

8. REMOVE EXISTING PAVEMENT.

MAINTENANCE OF TRAFFIC

1. MAINTAIN STAGE 1 TRAFFIC ON THE EAST SIDE OF RANDALL ROAD.

2. MAINTAIN STAGE 1 PEDESTRIAN DETOUR PLAN

SUB-STAGE 1 ALGONQUIN ROAD SEWER CROSSING

CONSTRUCTION

1. CONSTRUCT MAINLINE RANDALL ROAD STORM SEWER CROSSING THE WESTBOUND LANES OF ALGONQUIN ROAD.

2. THE MAINLINE STORM SEWER NORTH AND SOUTH OF THE ALGONQUIN ROAD WESTBOUND LANES WILL BE CONSTRUCTED DURING STAGE 1 RANDALL ROAD AND STAGE 1 ALGONQUIN ROAD.

3. PATCH TRENCHES WITH CLASS D PATCHES, TYPE IV.

MAINTENANCE OF TRAFFIC

1. ESTABLISH ALGONQUIN ROAD LANE REDUCTION BY SHIFTING TRAFFIC SOUTH AS DETAILED ON PLAN SHEETS 167 AND 168 . ONE LANE OF TRAFFIC WILL BE PROVIDED IN EACH DIRECTION WITH LEFT TURN LANES. A WESTBOUND RIGHT TURN LANE WILL ALSO BE PROVIDED. THE TEMPORARY LANE REDUCTION NEEDS TO BE APPROVED BY THE RESIDENT ENGINEER AND BE COORDINATED WITH THE LOCAL AGENCIES.

STAGE 1

CONSTRUCTION

1. INSTALL EROSION AND SEDIMENT CONTROL.

2. ESTABLISH TEMPORARY DRAINAGE ALONG THE EAST PARKWAY AND STAGE 1 WORK ZONE.

3. CONSTRUCT TEMPORARY SIDEWALK AT BUNKER HILL/HUNTINGTON DRIVE AND AT OTHER LOCATIONS AS DIRECTED BY THE ENGINEER.

4. CONSTRUCT RETAINING WALL SB1 ON THE WEST SIDE OF RANDALL ROAD.

5. CONSTRUCT THE WEST SECTION OF THE DRAINAGE CULVERT AT STATION 2151+95.

6. CONSTRUCT THE WEST SECTION OF THE UNDERPASS CULVERT AT STATION 2158+07.

7. CONSTRUCT MAINLINE STORM SEWER IN THE MEDIAN, WEST SIDE LATERALS, AND STUBS FOR EAST LATERALS.

8. REMOVE EXISTING PAVEMENT.

9. CONSTRUCT SOUTHBOUND PAVEMENT AND CURB AND GUTTER.

10. CONSTRUCT TEMPORARY PAVEMENT REQUIRED FOR STAGE 2.

11. INSTALL PERMANENT WEST SIDE LIGHTING.

STAGE 1 (CONTINUED)

CONSTRUCTION

12. REMOVE PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES THAT CONFLICT WITH STAGE 2.

13. PLACE STAGE 2 PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES PRIOR TO STAGE 2 WINTER SHUTDOWN.

14. REALIGN TEMPORARY TRAFFIC SIGNALS PRIOR TO STAGE 2.

15. COMPLETE PERMANENT WEST SIDE LANDSCAPING.

MAINTENANCE OF TRAFFIC

1. MAINTAIN STAGE 1 TRAFFIC ON THE EAST SIDE OF RANDALL ROAD.

2. MAINTAIN STAGE 1 PEDESTRIAN DETOUR PLAN.

3. ESTABLISH STAGE 2 TRAFFIC ON THE WEST SIDE OF RANDALL ROAD AS DETAILED IN THE PLANS PRIOR TO STAGE 2 WINER SHUTDOWN.

4. ESTABLISH STAGE 2 PEDESTRIAN DETOUR PLAN PRIOR TO STAGE 2 WINTER SHUTDOWN.

PRESTAGE 2 WINTER SHUTDOWN

CONSTRUCTION (OPTIONAL WORK)

1. INSTALL EROSION AND SEDIMENT CONTROL.

2. ESTABLISH TEMPORARY DRAINAGE WITHIN THE STAGE 2 WORK ZONE.

3. COMPLETE GRADING OF OUTLET 2 AND OUTLET 5 DETENTION PONDS.

4. INSTALL TEMPORARY CONCRETE BARRIER WITH SNOW STORAGE SHOULDER TO PROTECT WORK WITHIN THE OPTIONAL CONSTRUCTION WORK ZONE.

5. COMPLETE EAST SIDE STORM SEWER LATERALS AND STRUCTURES.

6. REMOVE EXISTING PAVEMENT.

MAINTENANCE OF TRAFFIC

1. MAINTAIN STAGE 2 TRAFFIC ON THE WEST SIDE OF RANDALL ROAD.

2. MAINTAIN STAGE 2 PEDESTRIAN DETOUR PLAN

STAGE 2

CONSTRUCTION

1. INSTALL EROSION AND SEDIMENT CONTROL.

2. ESTABLISH TEMPORARY DRAINAGE WITHIN THE STAGE 2 WORK ZONE.

3. COMPLETE GRADING OF OUTLET 2 AND OUTLET 5 DETENTION PONDS.

4. COMPLETE EAST SIDE STORM SEWER LATERALS AND STRUCTURES.

5. REMOVE EXISTING PAVEMENT.

6. CONSTRUCT NORTHBOUND PAVEMENT AND CURB AND GUTTER.

7. CONSTRUCT TEMPORARY PAVEMENT REQUIRED FOR STAGE 3.

8. REMOVE PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES THAT CONFLICT WITH STAGE 3.

9. PLACE STAGE 3 PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES PRIOR TO STAGE 3 WINTER SHUTDOWN.

10. REALIGN TEMPORARY TRAFFIC SIGNALS PRIOR TO STAGE 3

11. BEGIN INSTALLATION OF PERMANENT TRAFFIC SIGNALS.

12. INSTALL PERMANENT EAST SIDE LIGHTING.

13. COMPLETE PERMANENT EAST SIDE LANDSCAPING.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
RANDALL ROAD NARRATIVE

SCALE: NONE | SHEET 1 OF 3 SHEETS

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	104
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			

RANDALL ROAD (CONTINUED)

STAGE 2 (CONTINUED)

MAINTENANCE OF TRAFFIC

1. MAINTAIN STAGE 2 TRAFFIC ON THE WEST SIDE OF RANDALL ROAD.

2. MAINTAIN STAGE 2 PEDESTRIAN DETOUR PLAN

3. ESTABLISH STAGE 3 TRAFFIC ON THE NEW OUTSIDE LANES OF RANDALL ROAD AS DETAILED IN THE PLANS PRIOR TO STAGE 3 WINER SHUTDOWN.

4. ESTABLISH STAGE 3 PEDESTRIAN DETOUR PLAN PRIOR TO STAGE 3 WINTER SHUTDOWN.

PRESTAGE 3 WINTER SHUTDOWN

CONSTRUCTION (OPTIONAL)

1. INSTALL EROSION AND SEDIMENT CONTROL.
   ESTABLISH TEMPORARY DRAINAGE WITHIN THE STAGE 3 WORK ZONE.

2. REMOVE TEMPORARY PAVEMENT.

3. COMPLETE INSTALLATION OF STORM SEWER AND DRAINAGE STRUCTURES.

4. CONSTRUCT PAVEMENT AND MEDIANS.

5. INSTALL PERMANENT TRAFFIC SIGNALS.

MAINTENANCE OF TRAFFIC

1. MAINTAIN STAGE 3 TRAFFIC ON THE NEW OUTSIDE LANES OF RANDALL ROAD.

2. PLACE TRAFFIC CONTROL DEVICES AND DRUMS WITHIN THE MEDIAN WITH A SNOW STORAGE SHOULDER.

3. MAINTAIN STAGE 3 PEDESTRIAN DETOUR PLAN.

STAGE 3

CONSTRUCTION

1. INSTALL EROSION AND SEDIMENT CONTROL.

2. ESTABLISH TEMPORARY DRAINAGE WITHIN THE STAGE 3 WORK ZONE.

3. REMOVE TEMPORARY PAVEMENT

4. COMPLETE INSTALLATION OF STORM SEWER AND DRAINAGE STRUCTURES.

5. CONSTRUCT PAVEMENT AND MEDIANS.

6. COMPLETE INSTALLATION OF TRAFFIC SIGNALS.

7. COMPLETE INSTALLATION OF LIGHTING.

8. REMOVE TEMPORARY TRAFFIC SIGNALS AND LIGHTING.

9. INSTALL FINAL PAVEMENT MARKINGS AND SIGNING.

10. COMPLETE MEDIAN AND PARKWAY LANDSCAPING.

MAINTENANCE OF TRAFFIC

1. MAINTAIN STAGE 3 TRAFFIC ON THE NEW OUTSIDE LANES OF RANDALL ROAD.

2. MAINTAIN STAGE 3 PEDESTRIAN DETOUR PLAN

3. OPEN ROADWAY TO TRAFFIC.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
RANDALL ROAD NARRATIVE

SCALE: NONE | SHEET 2 OF 3 SHEETS

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	105
		CONTRACT NO. 61E53		
	ILLINOIS	FED. AID PROJECT		

ALGONQUIN ROAD

PRESTAGE

CONSTRUCTION

1. INSTALL EROSION AND SEDIMENT CONTROL.
2. ESTABLISH TEMPORARY DRAINAGE.
3. PATCH EXISTING LANES UNDER LANE CLOSURES. A QUANTITY OF CLASS D PATCHES, TYPE IV HAS BEEN INCLUDED TO BE USED AT THE DISCRETION OF THE ENGINEER TO PATH DETERIORATED PAVEMENT.
4. REMOVE EXISTING RAISED MEDIAN, CONCRETE CURB AND GUTTER AND SHOULDER WHERE TEMPORARY PAVEMENT WILL BE REQUIRED FOR STAGE 1.
5. CONSTRUCT STORM SEWER FROM MEDIAN STRUCTURE TO NORTH SIDE AT STATION 1334+50 AND STATION 1351+50. PATCH TRENCH WITH CLASS D PATCHES, TYPE IV.
6. CONSTRUCT TEMPORARY PAVEMENT WITHIN THE MEDIAN AND SHOULDER AS SHOWN ON STAGE 1 PLANS.
7. INSTALL TEMPORARY TRAFFIC SIGNALS ALONG ALGONQUIN ROAD AT CRYSTAL LAKE ROAD.
8. INSTALL TEMPORARY LIGHTING.

MAINTENANCE OF TRAFFIC

1. MAINTAIN EXISTING TRAFFIC PATTERNS WITH LANE CLOSURES FOR MEDIAN AND PATCHING WORK.
2. UTILIZE OFF PEAK LANES CLOSURES TO CONSTRUCT THE MAINLINE STORM SEWER OUTFALL.
3. UTILIZE LANE AND SHOULDER CLOSURES TO INSTALL TEMPORARY PAVEMENT, TRAFFIC SIGNALS, AND LIGHTING.

STAGE 1

CONSTRUCTION

1. REMOVE EXISTING PAVEMENT MARKINGS, REFLECTORS, AND SIGNS THAT CONFLICT WITH STAGE 1.
2. PLACE STAGE 1 PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES
3. REALIGN TEMPORARY TRAFFIC SIGNALS.
4. INSTALL DRAINAGE STRUCTURES AND STORM SEWER ALONG THE SOUTH SIDE OF ALGONQUIN ROAD. TEMPORARILY CONNECT THE PROPOSED SYSTEM EAST OF RANDALL ROAD TO THE EXISTING SEWER AT STATION 1351+70. CONSTRUCT THE MAINLINE SEWER CROSSING RANDALL ROAD UP TO THE STAGE 1 CONSTRUCTION LIMITS. THE MAINLINE SEWER CROSSING RANDALL ROAD WILL BE COMPLETED IN STAGE 2.
5. REMOVE EXISTING PAVEMENT.
6. CONSTRUCT EASTBOUND PAVEMENT AND CURB AND GUTTER.
7. INSTALL PERMANENT SOUTH SIDE LIGHTING FOUNDATIONS.
8. COMPLETE PERMANENT SOUTH SIDE LANDSCAPING.

MAINTENANCE OF TRAFFIC

1. ESTABLISH STAGE 1 TRAFFIC ON THE NORTH SIDE OF ALGONQUIN ROAD AS DETAILED IN THE PLANS.

PRESTAGE 2

CONSTRUCTION

1. INSTALL STAGE 2 EROSION AND SEDIMENT CONTROL.
2. ESTABLISH TEMPORARY DRAINAGE FOR STAGE 3.
3. PLACE STAGE 2 PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES FOR EASTBOUND TRAFFIC.
4. REALIGN TEMPORARY TRAFFIC SIGNALS.
5. CONSTRUCT TEMPORARY PAVEMENT AS SHOWN ON THE STAGE 2 PLANS.

ALGONQUIN ROAD (CONTINUED)

PRESTAGE 2 (CONTINUED)

MAINTENANCE OF TRAFFIC

1. ESTABLISH EASTBOUND TRAFFIC ALONG THE SOUTH SIDE OF THE NEWLY COMPLETED EASTBOUND PAVEMENT. WESTBOUND TRAFFIC SHALL REMAIN IN STAGE 1 CONFIGURATION. MAINTAIN TWO THRU LANES IN EACH DIRECTION AND LEFT TURN LANES AS SHOWN IN THE PLANS.

STAGE 2

CONSTRUCTION

1. PLACE STAGE 2 PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES FOR WESTBOUND TRAFFIC.
2. REALIGN TEMPORARY TRAFFIC SIGNALS.
3. INSTALL DRAINAGE STRUCTURES AND STORM SEWER ALONG THE NORTH SIDE OF ALGONQUIN ROAD. COMPLETE THE MAINLINE SEWER CROSSING RANDALL ROAD.
4. REMOVE EXISTING PAVEMENT.
5. CONSTRUCT WESTBOUND PAVEMENT AND CURB AND GUTTER.
6. INSTALL PERMANENT NORTH SIDE LIGHTING FOUNDATIONS.
7. COMPLETE PERMANENT NORTH SIDE LANDSCAPING.

MAINTENANCE OF TRAFFIC

1. ESTABLISH STAGE 2 TRAFFIC ON THE SOUTH SIDE OF ALGONQUIN ROAD AS DETAILED IN THE PLANS.

STAGE 3

CONSTRUCTION

1. INSTALL STAGE 3 EROSION AND SEDIMENT CONTROL.
2. ESTABLISH TEMPORARY DRAINAGE FOR STAGE 3.
3. PLACE PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES FOR STAGE 3 TRAFFIC CONFIGURATION.
4. REALIGN TEMPORARY TRAFFIC SIGNALS.
5. REMOVE TEMPORARY PAVEMENT
6. COMPLETE INSTALLATION OF STORM SEWER AND DRAINAGE STRUCTURES.
7. COMPLETE PAVEMENT AND MEDIAN CONSTRUCTION.
8. COMPLETE INSTALLATION OF TRAFFIC SIGNALS.
9. COMPLETE INSTALLATION OF LIGHTING.
10. REMOVE TEMPORARY TRAFFIC SIGNALS AND LIGHTING.
11. INSTALL FINAL PAVEMENT MARKINGS AND SIGNING.
12. COMPLETE MEDIAN AND PARKWAY LANDSCAPING.

MAINTENANCE OF TRAFFIC

1. ESTABLISH STAGE 3 TRAFFIC ON THE NEW OUTSIDE LANES OF ALGONQUIN ROAD. MAINTAIN TWO THRU LANES IN EACH DIRECTION AND LEFT TURN LANES AS SHOWN IN THE PLANS.
2. OPEN ROADWAY TO TRAFFIC.

SIDE STREETS

STAGE 1

CONSTRUCTION

1. INSTALL EROSION AND SEDIMENT CONTROL.
2. CONSTRUCT TEMPORARY PAVEMENT.
3. PLACE TEMPORARY PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES
4. REALIGN TEMPORARY TRAFFIC SIGNALS.
5. INSTALL DRAINAGE STRUCTURES AND STORM SEWER.
6. REMOVE EXISTING PAVEMENT.
7. CONSTRUCT STAGE 1 PAVEMENT AND CURB AND GUTTER.
8. COMPLETE PERMANENT LANDSCAPING.

MAINTENANCE OF TRAFFIC

1. ESTABLISH STAGE 1 TRAFFIC AS DETAILED IN THE PLANS.

STAGE 2

CONSTRUCTION

1. INSTALL EROSION AND SEDIMENT CONTROL.
2. CONSTRUCT TEMPORARY PAVEMENT.
3. PLACE TEMPORARY PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES
4. REALIGN TEMPORARY TRAFFIC SIGNALS.
5. INSTALL DRAINAGE STRUCTURES AND STORM SEWER.
6. REMOVE EXISTING PAVEMENT.
7. CONSTRUCT STAGE 2 PAVEMENT AND CURB AND GUTTER.
8. COMPLETE PERMANENT LANDSCAPING.

MAINTENANCE OF TRAFFIC

1. ESTABLISH STAGE 2 TRAFFIC AS DETAILED IN THE PLANS.

STAGE 3

CONSTRUCTION

1. INSTALL EROSION AND SEDIMENT CONTROL.
2. PLACE TEMPORARY PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES
3. REALIGN TEMPORARY TRAFFIC SIGNALS.
4. REMOVE TEMPORARY PAVEMENT
5. COMPLETE INSTALLATION OF STORM SEWER AND DRAINAGE STRUCTURES.
6. COMPLETE PAVEMENT AND MEDIAN CONSTRUCTION.
7. COMPLETE INSTALLATION OF TRAFFIC SIGNALS.
8. INSTALL FINAL PAVEMENT MARKINGS AND SIGNING.
9. COMPLETE PERMANENT LANDSCAPING.

MAINTENANCE OF TRAFFIC

1. ESTABLISH STAGE 3 TRAFFIC AS DETAILED IN THE PLANS.
2. OPEN ROADWAY TO TRAFFIC

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
ALGONQUIN ROAD AND SIDE STREETS NARRATIVE

SCALE: NONE | SHEET 3 OF 3 SHEETS

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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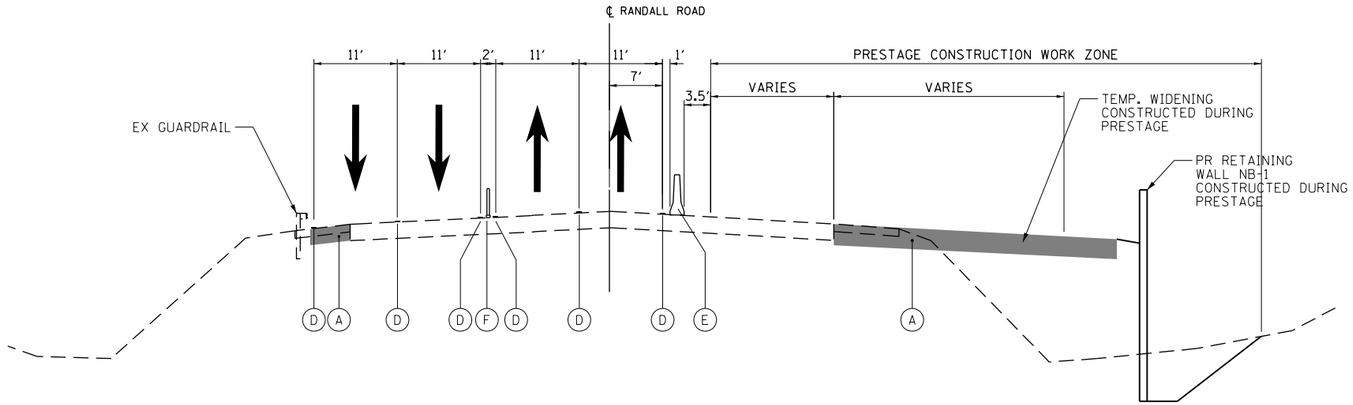
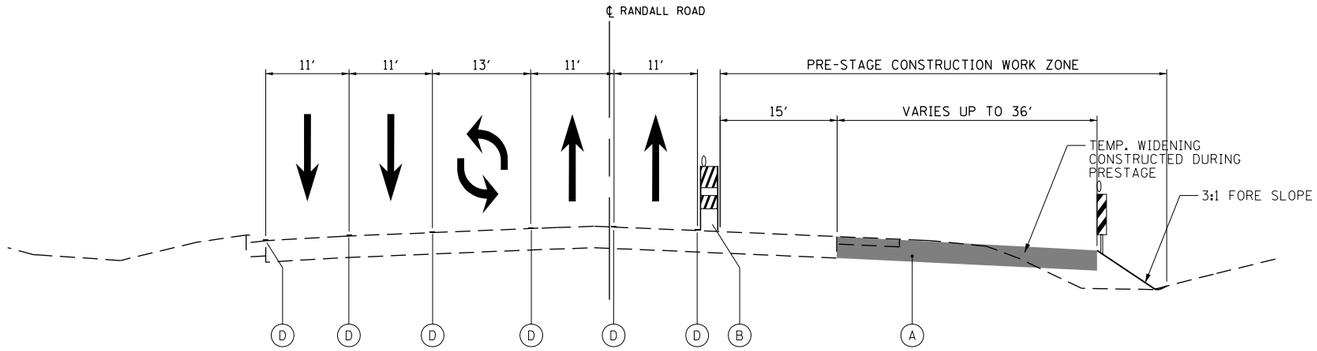
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			



MAINTENANCE OF TRAFFIC TYPICAL SECTION - PRESTAGE

RANDALL ROAD
SOUTH OF BUNKER HILL DRIVE



MAINTENANCE OF TRAFFIC TYPICAL SECTION - PRESTAGE

RANDALL ROAD
NORTH OF BUNKER HILL DRIVE

LEGEND

- (A) TEMPORARY PAVEMENT
- (B) TYPE II BARRICADES OR DRUMS WITH STEADY BURNING BI-DIRECTIONAL LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 20 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII
- (C) DOUBLE VERTICAL PANELS WITH STEADY BURNING BI-DIRECTIONAL LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 20 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII
- (D) PAVEMENT MARKING (REFER TO MOT PLAN FOR TYPES)
- (E) TEMPORARY CONCRETE BARRIER
- (F) TUBULAR MARKER

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
TYPICAL SECTIONS AND NOTES
RANDALL ROAD PRESTAGE

SCALE: NONE | SHEET 1 OF 16 SHEETS

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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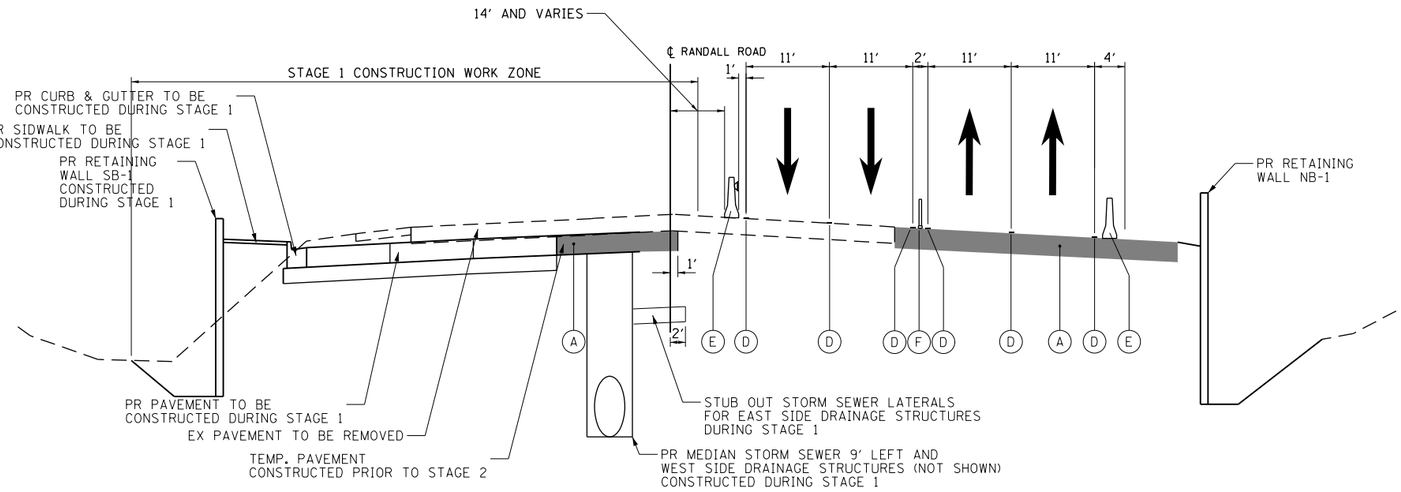
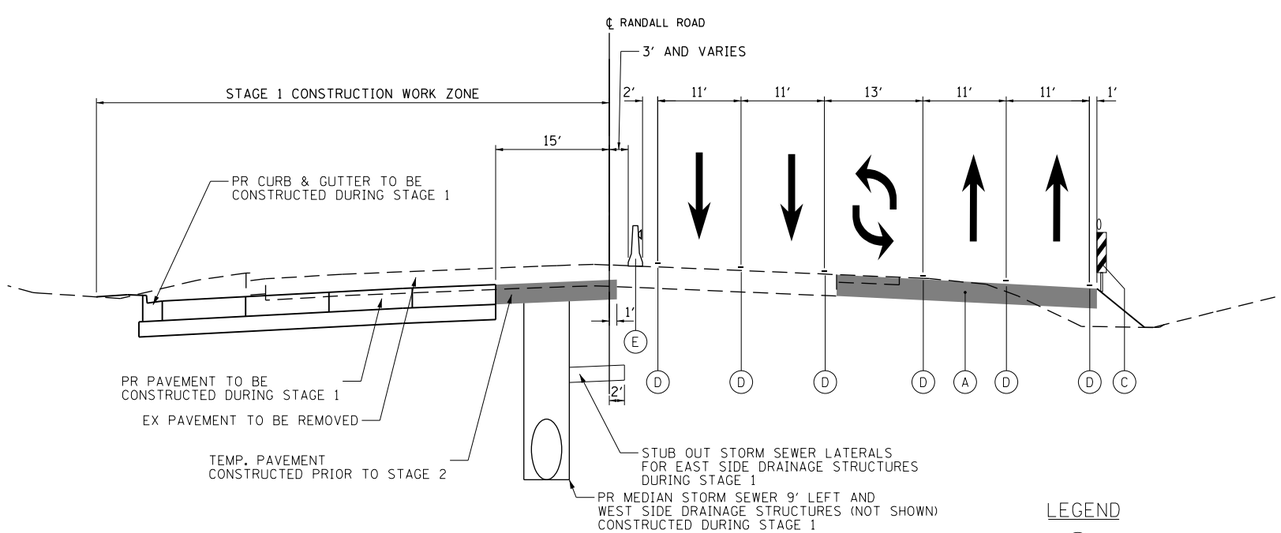


MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 1

RANDALL ROAD
SOUTH OF BUNKER HILL DRIVE

NOTES:

1. A QUANTITY OF PINNING TEMPORARY CONCRETE BARRIER HAS BEEN PROVIDED FOR AREAS WHERE THERE IS LESS THAN 3.5 FEET OF CLEAR ZONE BETWEEN THE BACK OF THE TEMPORARY CONCRETE BARRIER AND THE WORK ZONE.



MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 1

RANDALL ROAD
NORTH OF BUNKER HILL DRIVE

LEGEND

- (A) TEMPORARY PAVEMENT
- (B) TYPE II BARRICADES OR DRUMS WITH STEADY BURNING BI-DIRECTIONAL LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 20 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII
- (C) DOUBLE VERTICAL PANELS WITH STEADY BURNING BI-DIRECTIONAL LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 20 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII
- (D) PAVEMENT MARKING (REFER TO MOT PLAN FOR TYPES)
- (E) TEMPORARY CONCRETE BARRIER
- (F) TUBULAR MARKER

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
TYPICAL SECTIONS AND NOTES
RANDALL ROAD STAGE 1

SCALE: NONE | SHEET 2 OF 16 SHEETS

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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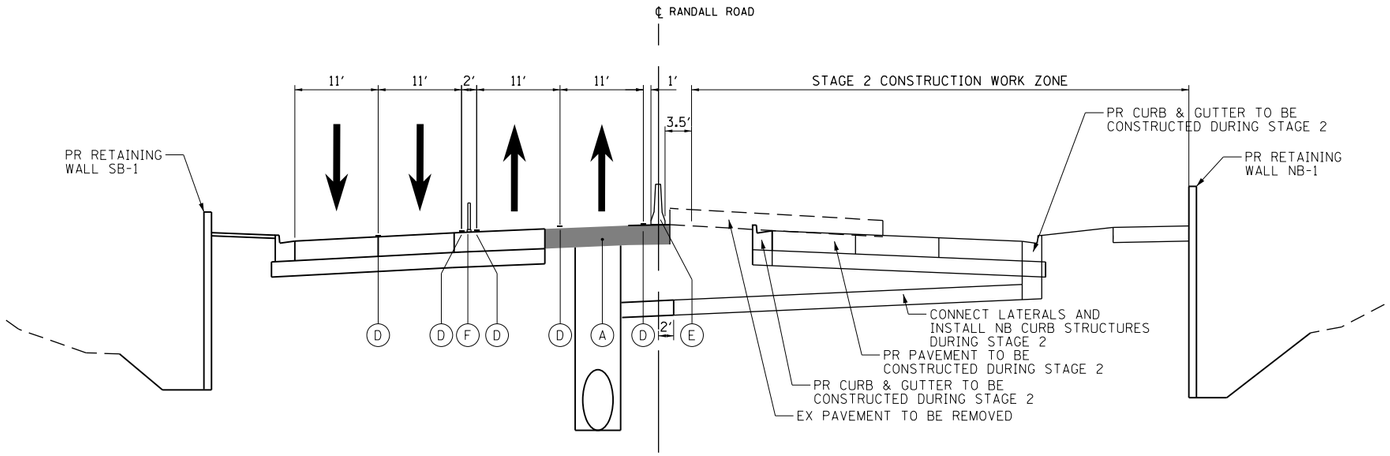
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			



MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 2

RANDALL ROAD
SOUTH OF BUNKER HILL DRIVE

MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 2

RANDALL ROAD
NORTH OF BUNKER HILL DRIVE

NOTES:

1. A QUANTITY OF PINNING TEMPORARY CONCRETE BARRIER HAS BEEN PROVIDED FOR AREAS WHERE THERE IS LESS THAN 3.5 FEET OF CLEAR ZONE BETWEEN THE BACK OF THE TEMPORARY CONCRETE BARRIER AND THE WORK ZONE.

LEGEND

- (A) TEMPORARY PAVEMENT
- (B) TYPE II BARRICADES OR DRUMS WITH STEADY BURNING BI-DIRECTIONAL LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 20 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII
- (C) DOUBLE VERTICAL PANELS WITH STEADY BURNING BI-DIRECTIONAL LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 20 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII
- (D) PAVEMENT MARKING (REFER TO MOT PLAN FOR TYPES)
- (E) TEMPORARY CONCRETE BARRIER
- (F) TUBULAR MARKER

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
TYPICAL SECTIONS AND NOTES
RANDALL ROAD STAGE 2

SCALE: NONE | SHEET 3 OF 16 SHEETS

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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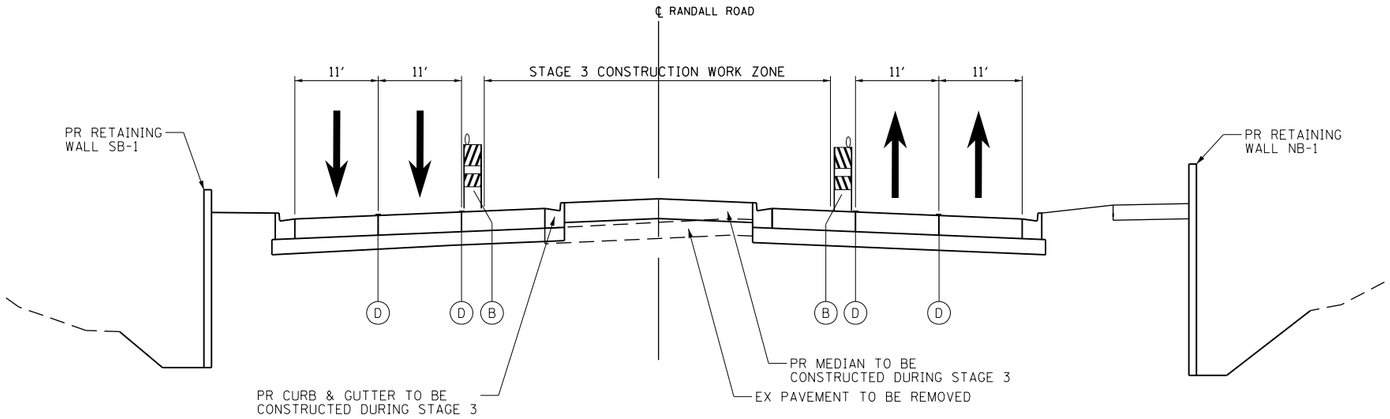
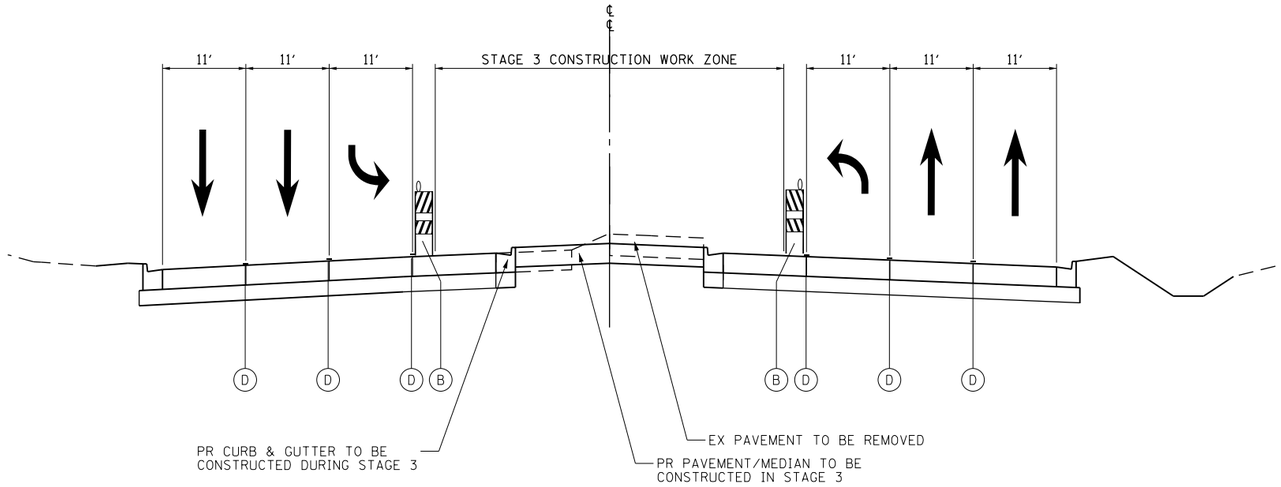


MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 3

RANDALL ROAD
SOUTH OF BUNKER HILL DRIVE



MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 3

RANDALL ROAD
NORTH OF BUNKER HILL DRIVE

LEGEND

- (A) TEMPORARY PAVEMENT
- (B) TYPE II BARRICADES OR DRUMS WITH STEADY BURNING BI-DIRECTIONAL LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 20 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII
- (C) DOUBLE VERTICAL PANELS WITH STEADY BURNING BI-DIRECTIONAL LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 20 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII
- (D) PAVEMENT MARKING (REFER TO MOT PLAN FOR TYPES)
- (E) TEMPORARY CONCRETE BARRIER
- (F) TUBULAR MARKER

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
TYPICAL SECTIONS AND NOTES
RANDALL ROAD STAGE 3

SCALE: NONE | SHEET 4 OF 16 SHEETS

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CONTRACT NO. 61E53		
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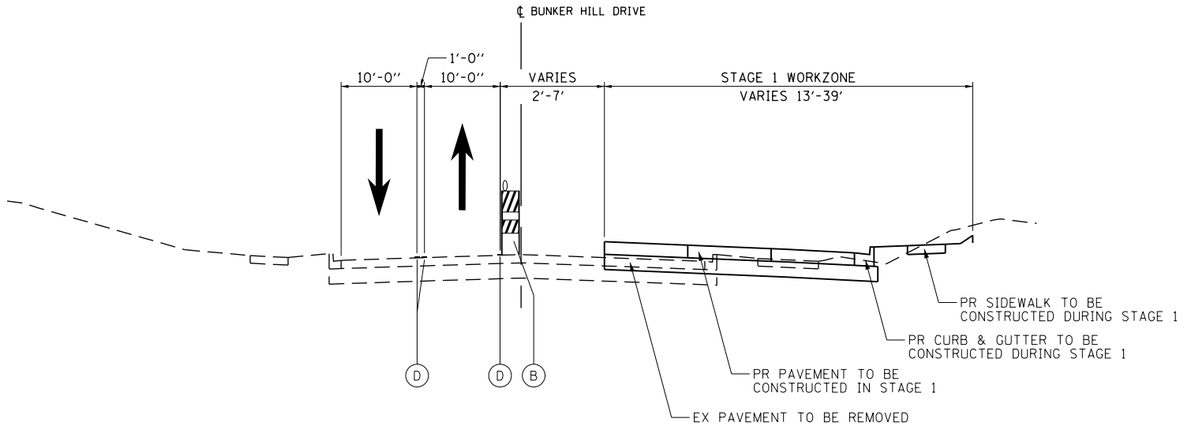
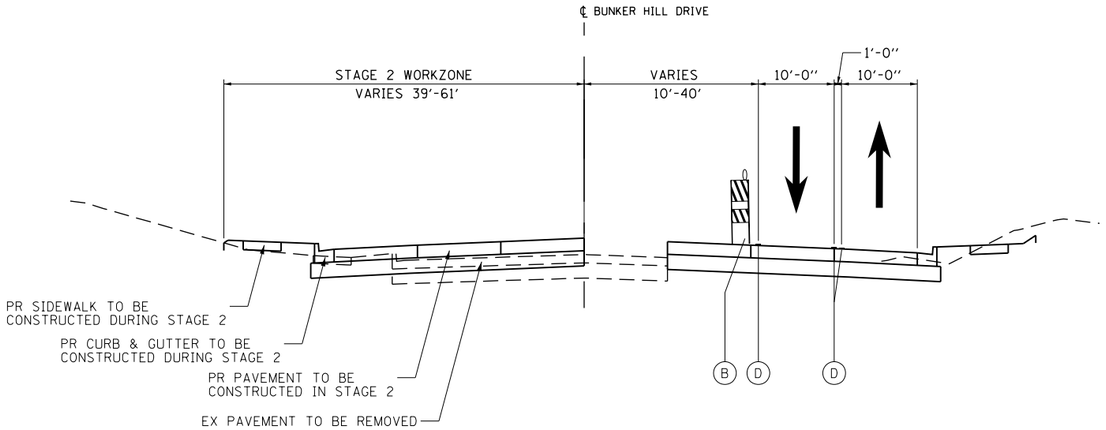
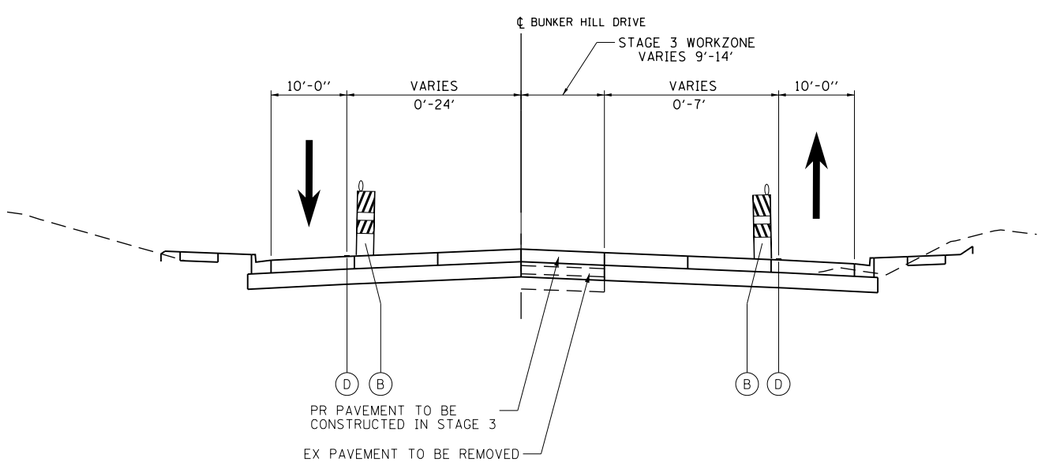


MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 1
BUNKER HILL DRIVE



MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 2
BUNKER HILL DRIVE



MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 3
BUNKER HILL DRIVE

LEGEND

- (A) TEMPORARY PAVEMENT
- (B) TYPE II BARRICADES OR DRUMS WITH STEADY BURNING BI-DIRECTIONAL LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 20 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII
- (C) DOUBLE VERTICAL PANELS WITH STEADY BURNING BI-DIRECTIONAL LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 20 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII
- (D) PAVEMENT MARKING (REFER TO MOT PLAN FOR TYPES)
- (E) TEMPORARY CONCRETE BARRIER
- (F) TUBULAR MARKER

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
TYPICAL SECTIONS AND NOTES
BUNKER HILL DRIVE

SCALE: NONE | SHEET 5 OF 16 SHEETS

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	111
		CONTRACT NO. 61E53		
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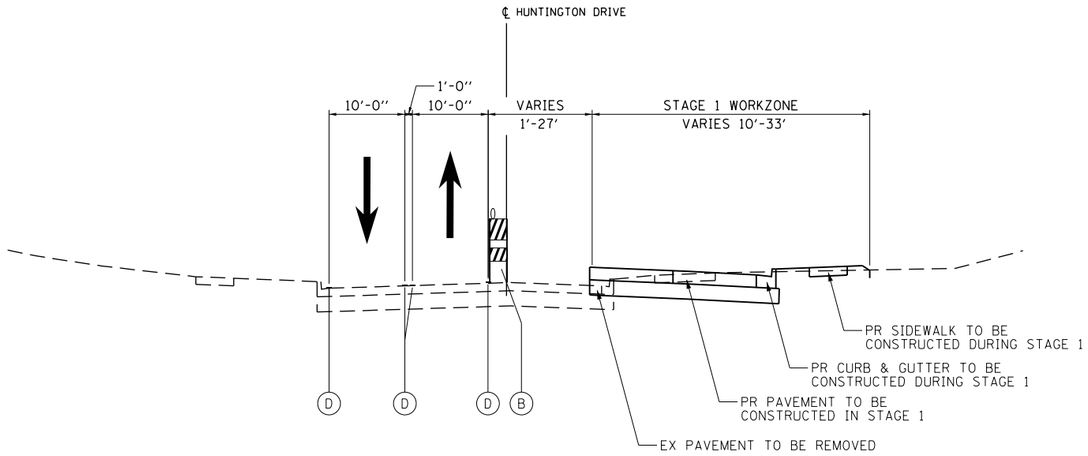
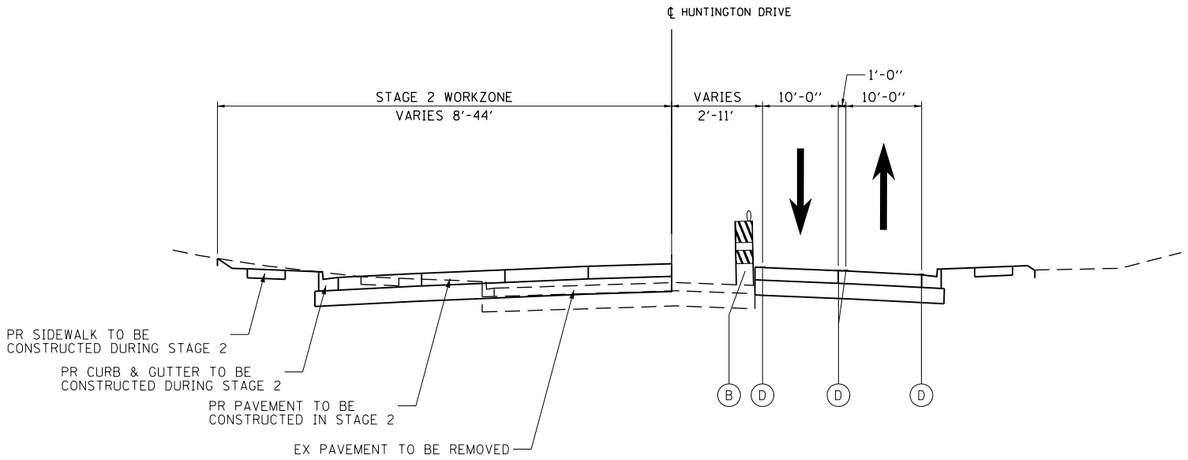


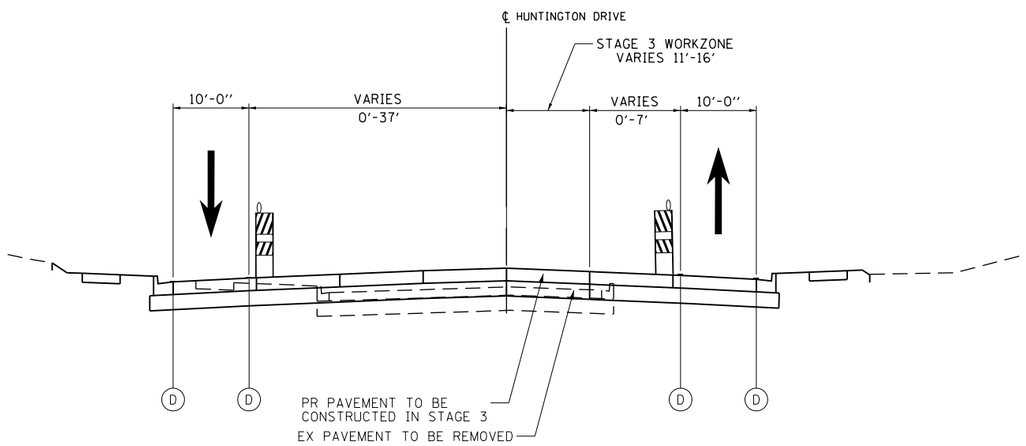
MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 1

HUNTINGTON DRIVE



MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 2

HUNTINGTON DRIVE



MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 3

HUNTINGTON DRIVE

LEGEND

- (A) TEMPORARY PAVEMENT
- (B) TYPE II BARRICADES OR DRUMS WITH STEADY BURNING BI-DIRECTIONAL LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 20 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII
- (C) DOUBLE VERTICAL PANELS WITH STEADY BURNING BI-DIRECTIONAL LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 20 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII
- (D) PAVEMENT MARKING (REFER TO MOT PLAN FOR TYPES)
- (E) TEMPORARY CONCRETE BARRIER
- (F) TUBULAR MARKER

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
TYPICAL SECTIONS AND NOTES
HUNTINGTON DRIVE

SCALE: NONE | SHEET 6 OF 16 SHEETS

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CONTRACT NO. 61E53		
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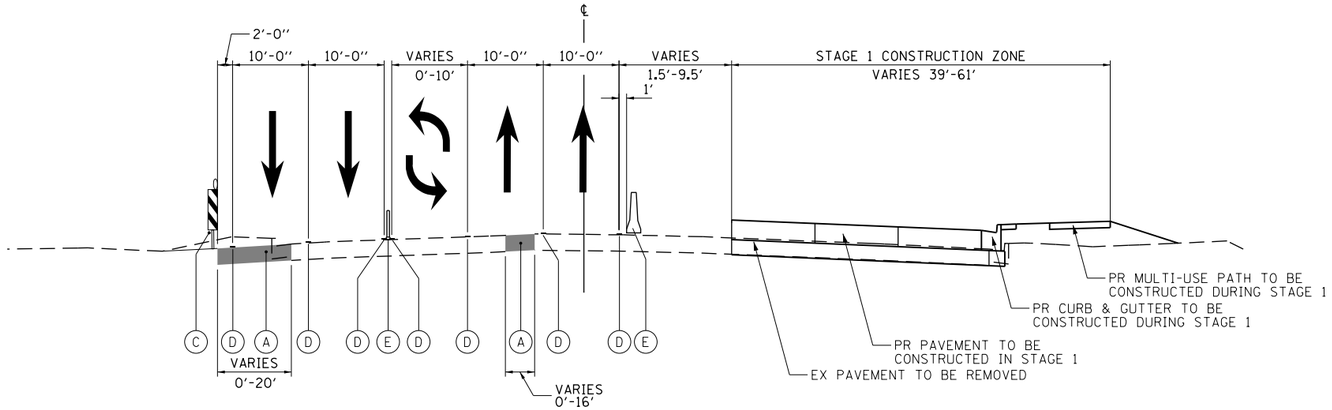
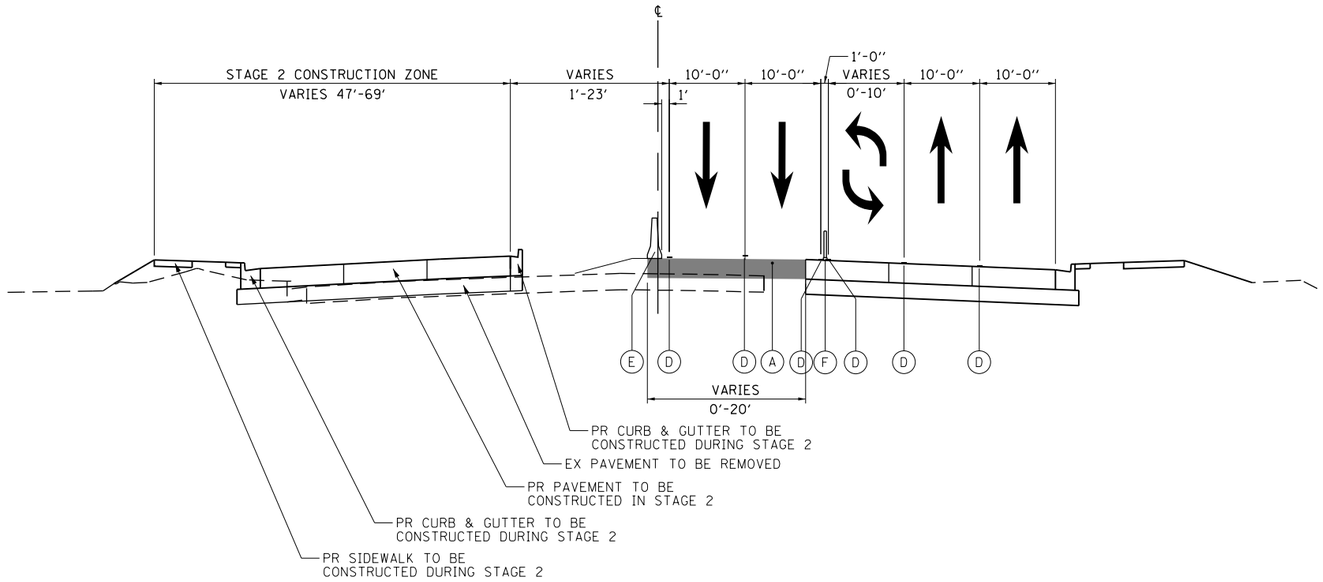


MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 1

ALGONQUIN ROAD
STATION 1331+05 TO STATION 1373+25



MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 2

ALGONQUIN ROAD
STATION 1331+05 TO STATION 1373+25

LEGEND

- (A) TEMPORARY PAVEMENT
- (B) TYPE II BARRICADES OR DRUMS WITH STEADY BURNING BI-DIRECTIONAL LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 20 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII
- (C) DOUBLE VERTICAL PANELS WITH STEADY BURNING BI-DIRECTIONAL LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 20 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII
- (D) PAVEMENT MARKING (REFER TO MOT PLAN FOR TYPES)
- (E) TEMPORARY CONCRETE BARRIER
- (F) TUBULAR MARKER

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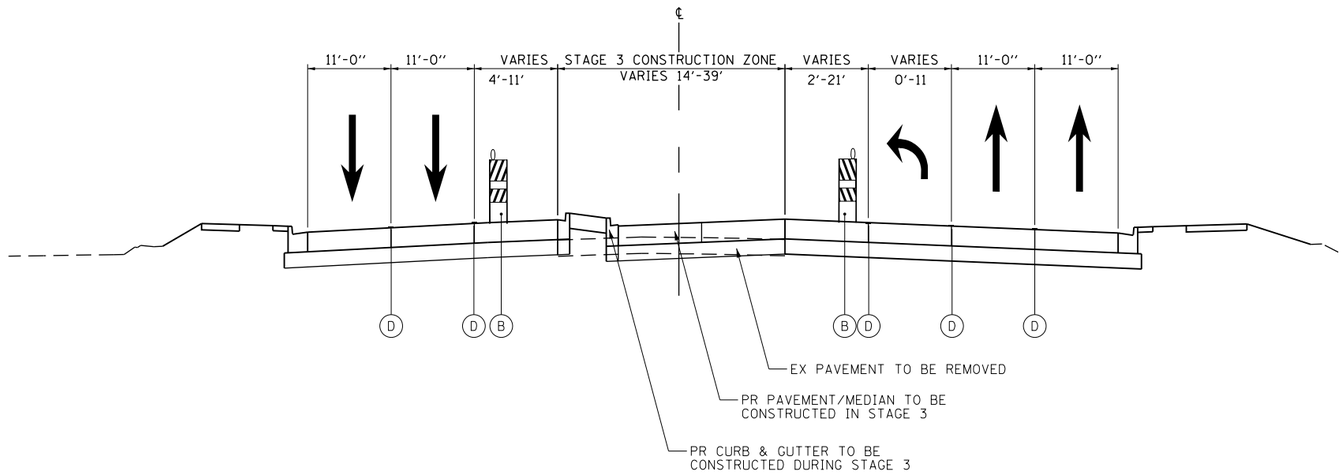
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
TYPICAL SECTIONS AND NOTES
ALGONQUIN ROAD

SCALE: NONE | SHEET 7 OF 16 SHEETS

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	113
		CONTRACT NO. 61E53		
	ILLINOIS	FED. AID PROJECT		



MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 3

ALGONQUIN ROAD
STATION 1331+05 TO STATION 1373+25

LEGEND

- (A) TEMPORARY PAVEMENT
- (B) TYPE II BARRICADES OR DRUMS WITH STEADY BURNING MONO-DIRECTIONAL LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 20 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII
- (C) DOUBLE VERTICAL PANELS WITH STEADY BURNING BI-DIRECTIONAL LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 20 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII
- (D) PAVEMENT MARKING (REFER TO MOT PLAN FOR TYPES)
- (E) TEMPORARY CONCRETE BARRIER
- (F) TUBULAR MARKER

Tran Systems

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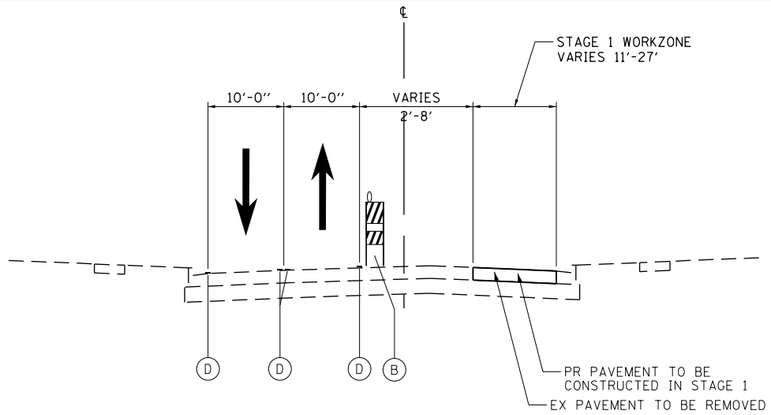
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

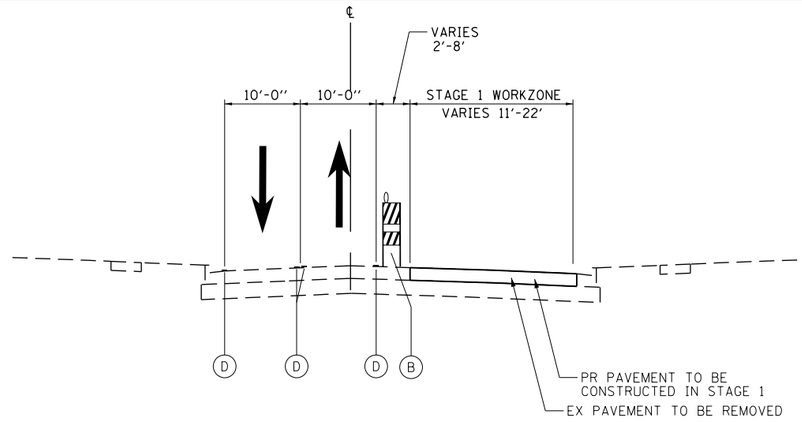
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
TYPICAL SECTIONS AND NOTES
ALGONQUIN ROAD

SCALE: NONE | SHEET 8 OF 16 SHEETS

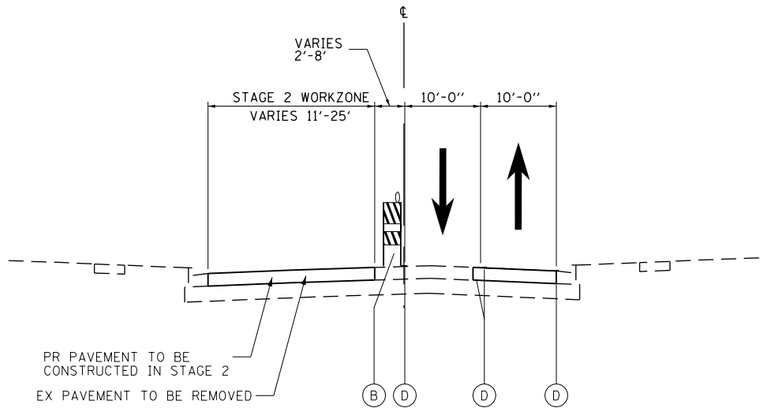
FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	114
		CONTRACT NO. 61E53		
	ILLINOIS	FED. AID PROJECT		



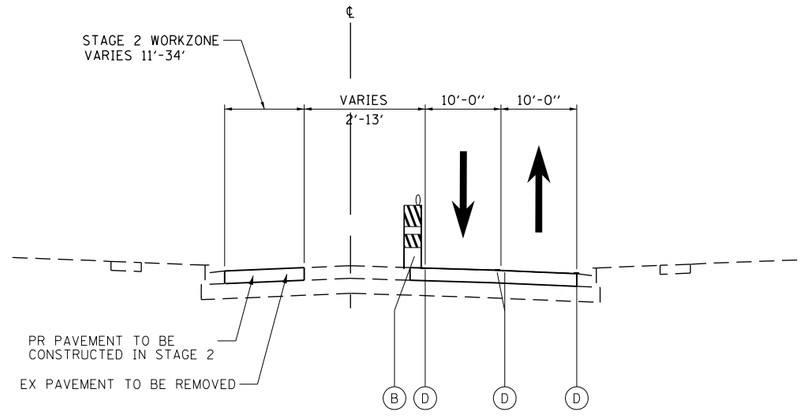
MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 1
STONEGATE RD
STATION 93+10 TO STATION 103+00



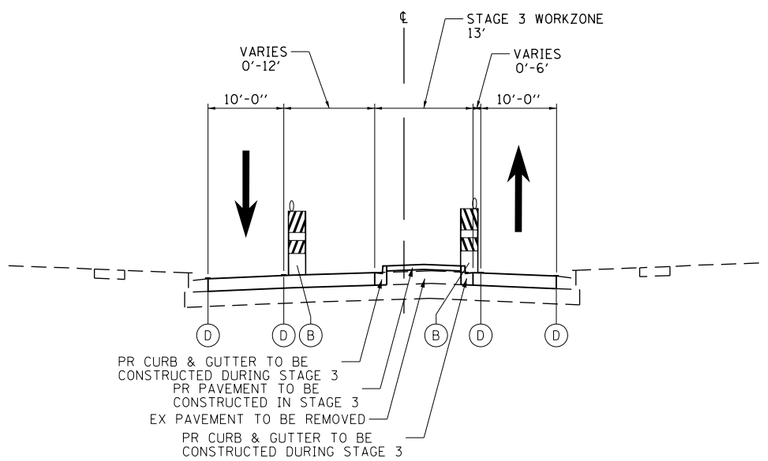
MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 1
STONEGATE RD
STATION 106+00 TO STATION 117+05



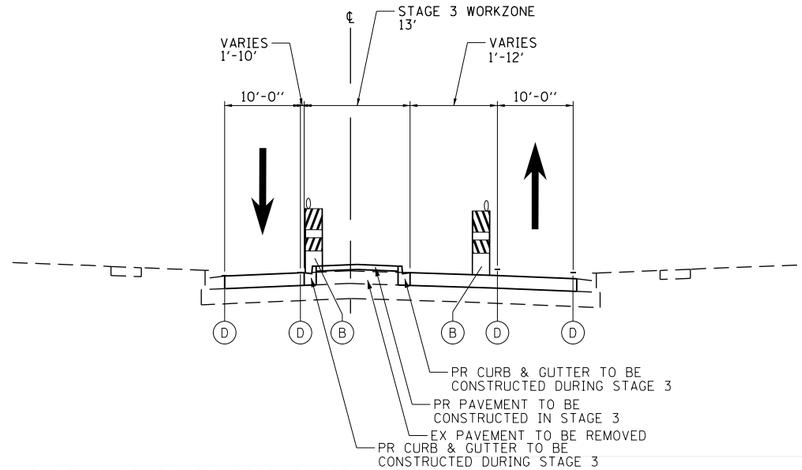
MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 2
STONEGATE RD
STATION 93+10 TO STATION 103+00



MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 2
STONEGATE RD
STATION 106+00 TO STATION 117+05



MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 3
STONEGATE RD
STATION 93+10 TO STATION 103+00



MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 3
STONEGATE RD
STATION 106+00 TO STATION 117+05

LEGEND

- (A) TEMPORARY PAVEMENT
- (B) TYPE II BARRICADES OR DRUMS WITH STEADY BURNING BI-DIRECTIONAL LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 20 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII
- (C) DOUBLE VERTICAL PANELS WITH STEADY BURNING BI-DIRECTIONAL LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 20 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII
- (D) PAVEMENT MARKING (REFER TO MOT PLAN FOR TYPES)
- (E) TEMPORARY CONCRETE BARRIER
- (F) TUBULAR MARKER

Tran Systems

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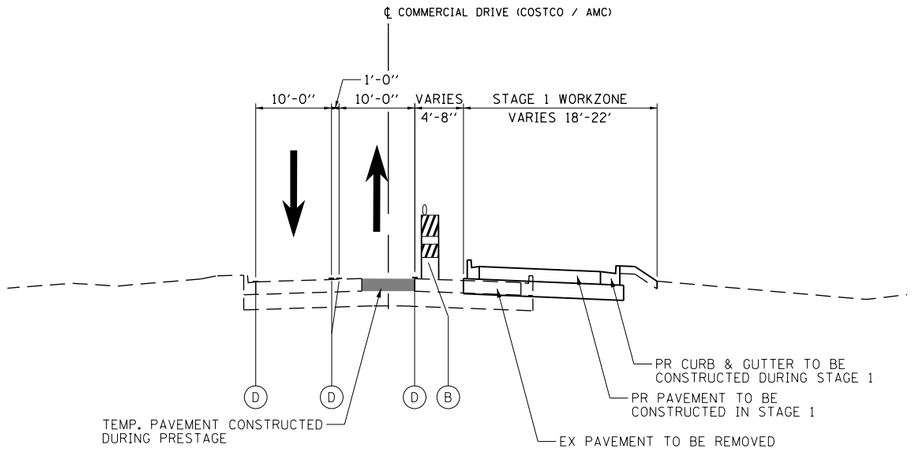
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
TYPICAL SECTIONS AND NOTES
STONEGATE ROAD

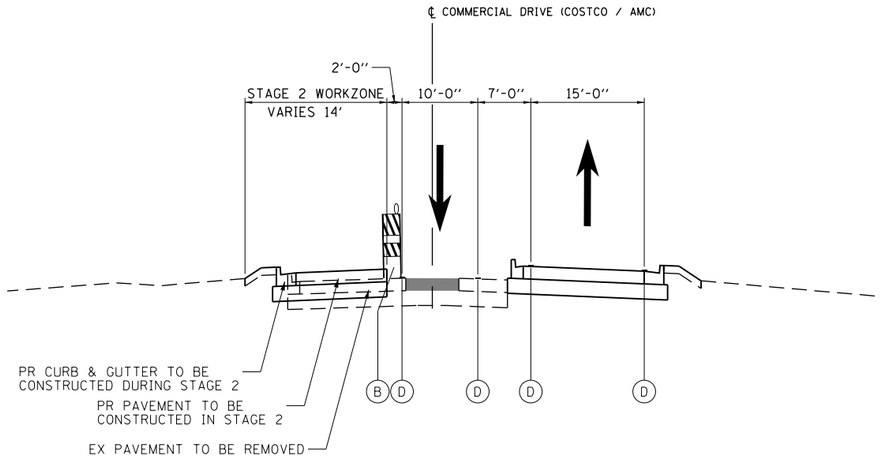
SCALE: NONE | SHEET 9 OF 16 SHEETS

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	115
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			



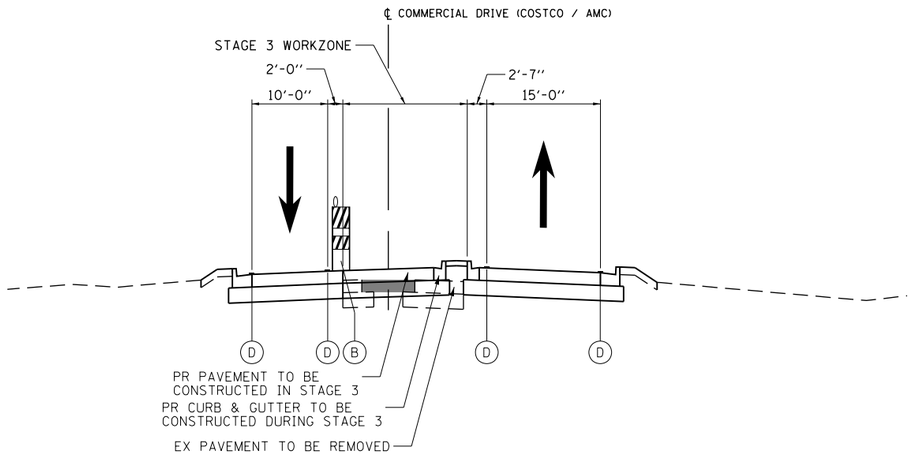
MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 1

COMMERCIAL DRIVE (COSTCO / AMC)



MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 2

COMMERCIAL DRIVE (COSTCO / AMC)



MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 3

COMMERCIAL DRIVE (COSTCO / AMC)

LEGEND

- (A) TEMPORARY PAVEMENT
- (B) TYPE II BARRICADES OR DRUMS WITH STEADY BURNING BI-DIRECTIONAL LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 20 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII
- (C) DOUBLE VERTICAL PANELS WITH STEADY BURNING BI-DIRECTIONAL LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 20 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII
- (D) PAVEMENT MARKING (REFER TO MOT PLAN FOR TYPES)
- (E) TEMPORARY CONCRETE BARRIER
- (F) TUBULAR MARKER

Tran Systems

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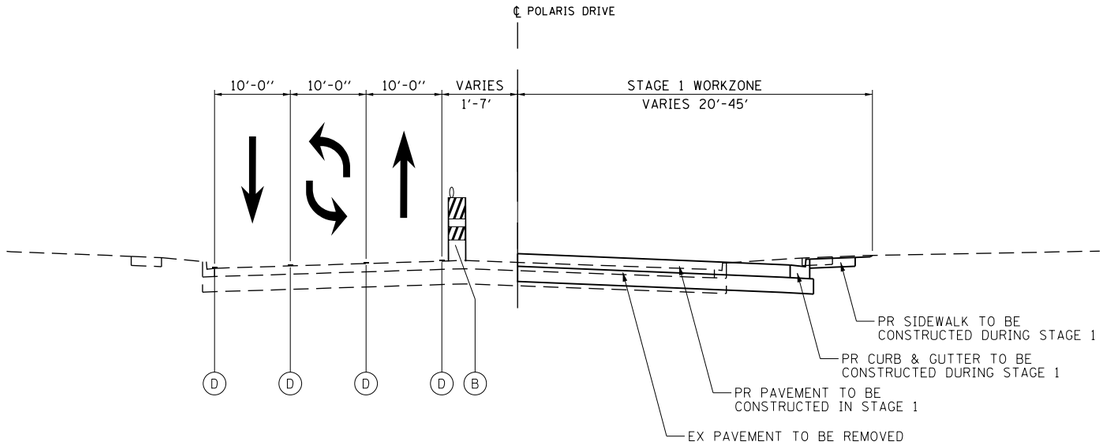
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

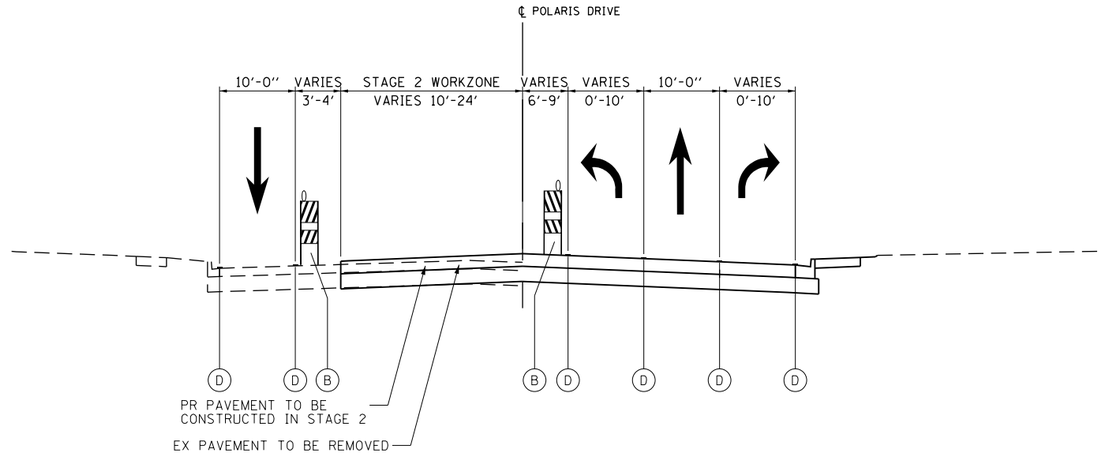
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
TYPICAL SECTIONS AND NOTES
COMMERCIAL DRIVE (COSTCO /AMC)

SCALE: NONE | SHEET 10 OF 16 SHEETS

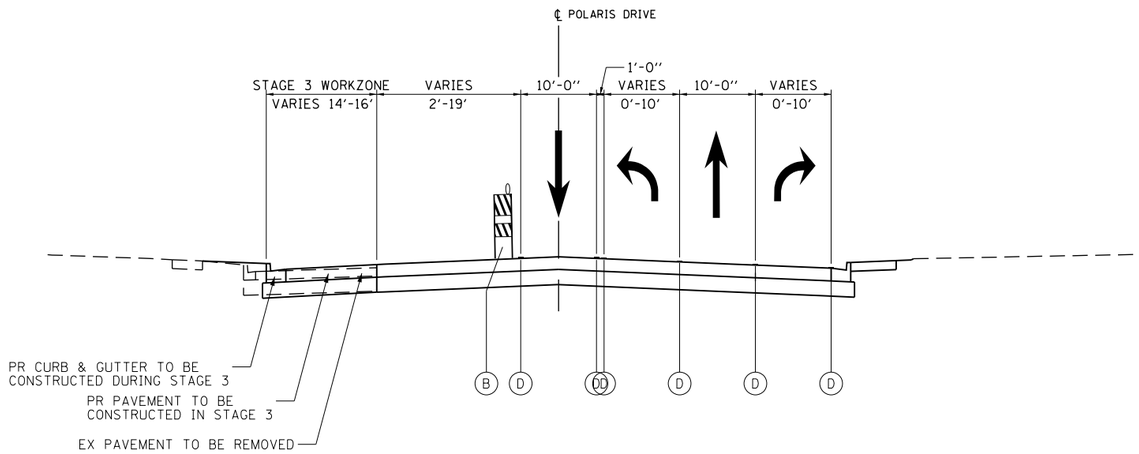
FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	116
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			



MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 1
POLARIS DRIVE



MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 2
POLARIS DRIVE



MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 3
POLARIS DRIVE

LEGEND

- (A) TEMPORARY PAVEMENT
- (B) TYPE II BARRICADES OR DRUMS WITH STEADY BURNING BI-DIRECTIONAL LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 20 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII
- (C) DOUBLE VERTICAL PANELS WITH STEADY BURNING BI-DIRECTIONAL LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 20 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII
- (D) PAVEMENT MARKING (REFER TO MOT PLAN FOR TYPES)
- (E) TEMPORARY CONCRETE BARRIER
- (F) TUBULAR MARKER

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
TYPICAL SECTIONS AND NOTES
POLARIS DRIVE

SCALE: NONE | SHEET 11 OF 16 SHEETS

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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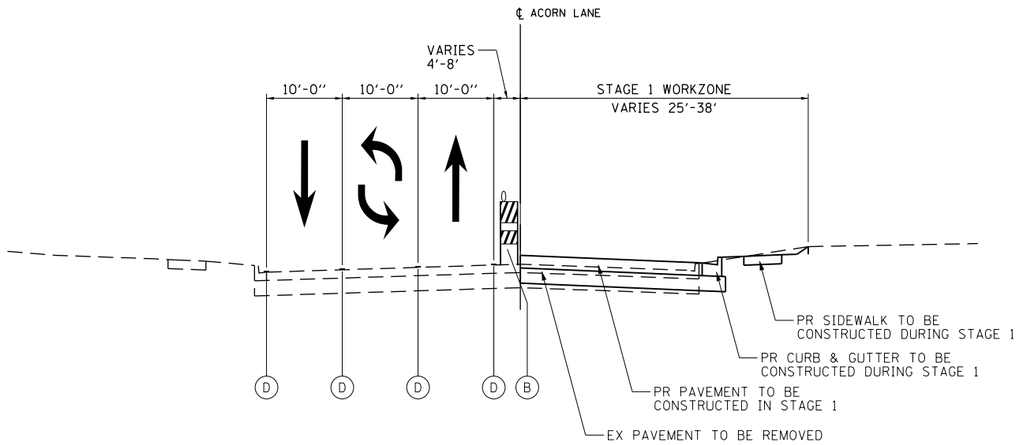
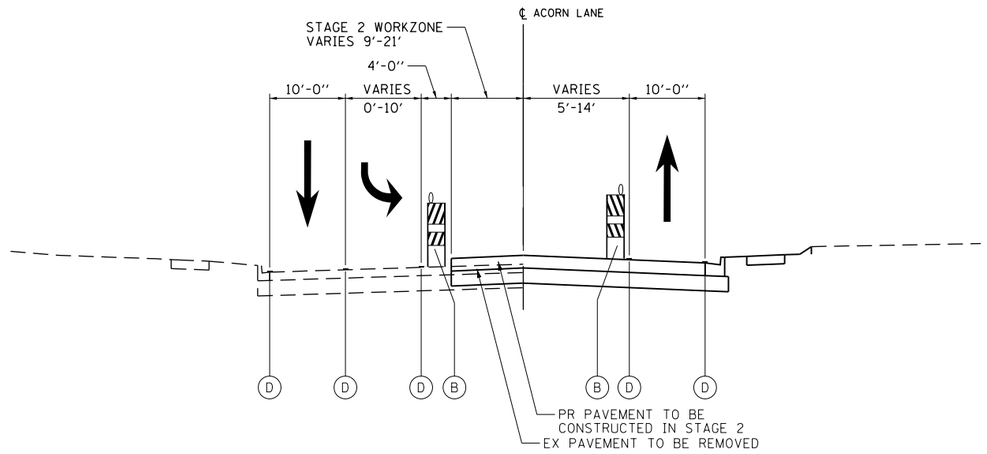
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			



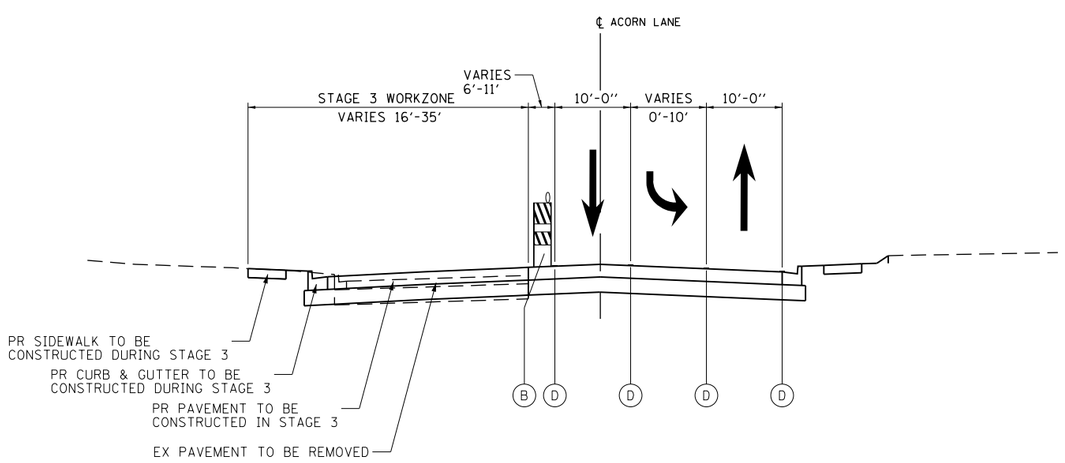
MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 1

ACORN LANE



MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 2

ACORN LANE



MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 3

ACORN LANE

LEGEND

- (A) TEMPORARY PAVEMENT
- (B) TYPE II BARRICADES OR DRUMS WITH STEADY BURNING BI-DIRECTIONAL LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 20 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII
- (C) DOUBLE VERTICAL PANELS WITH STEADY BURNING BI-DIRECTIONAL LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 20 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII
- (D) PAVEMENT MARKING (REFER TO MOT PLAN FOR TYPES)
- (E) TEMPORARY CONCRETE BARRIER
- (F) TUBULAR MARKER

Tran Systems

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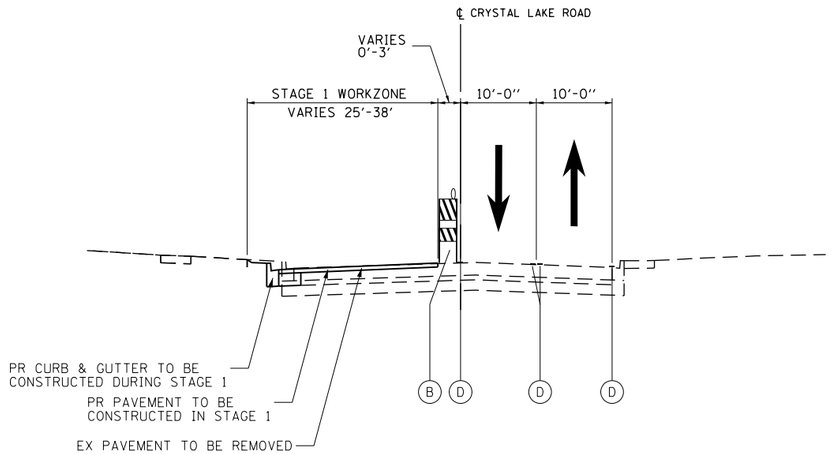
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
TYPICAL SECTIONS AND NOTES
ACORN LANE

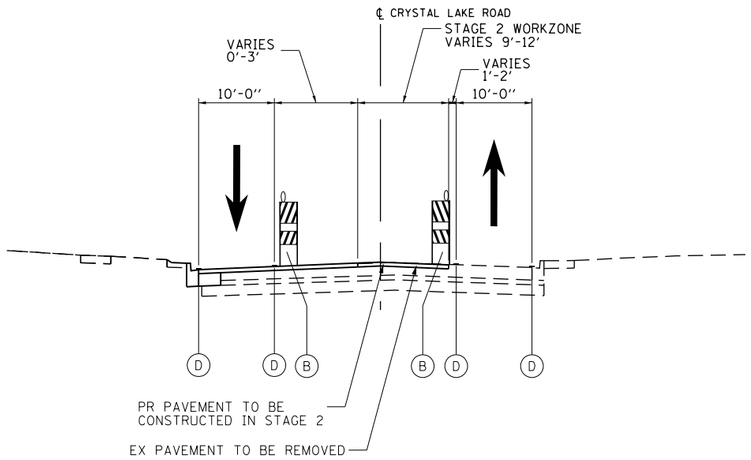
SCALE: NONE | SHEET 12 OF 16 SHEETS

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	118
		CONTRACT NO. 61E53		
		ILLINOIS FED. AID PROJECT		



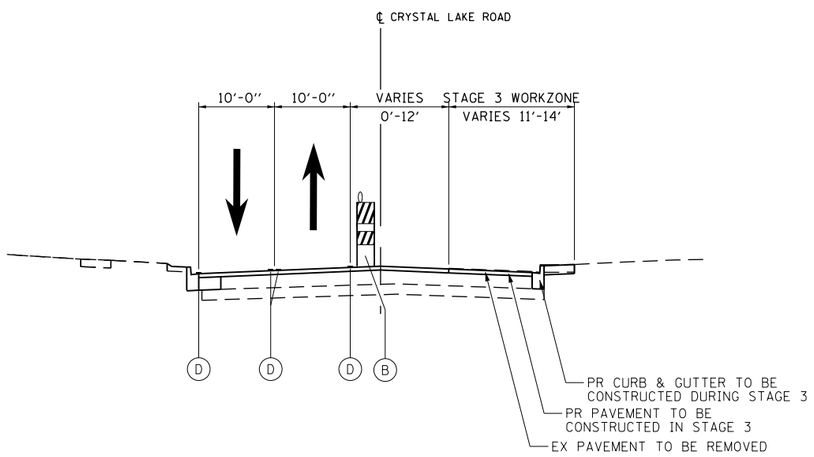
MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 1

CRYSTAL LAKE ROAD



MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 2

CRYSTAL LAKE ROAD



MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 3

CRYSTAL LAKE ROAD

LEGEND

- (A) TEMPORARY PAVEMENT
- (B) TYPE II BARRICADES OR DRUMS WITH STEADY BURNING BI-DIRECTIONAL LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 20 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII
- (C) DOUBLE VERTICAL PANELS WITH STEADY BURNING BI-DIRECTIONAL LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 20 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII
- (D) PAVEMENT MARKING (REFER TO MOT PLAN FOR TYPES)
- (E) TEMPORARY CONCRETE BARRIER
- (F) TUBULAR MARKER

Tran Systems

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
TYPICAL SECTIONS AND NOTES
CRYSTAL LAKE ROAD

SCALE: NONE | SHEET 13 OF 16 SHEETS

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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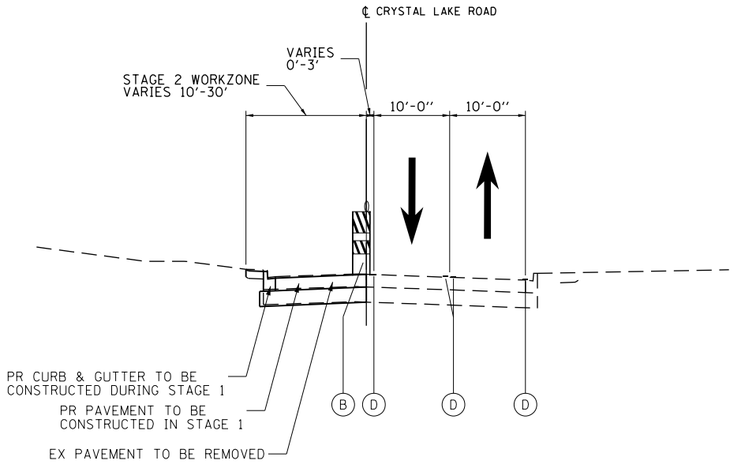
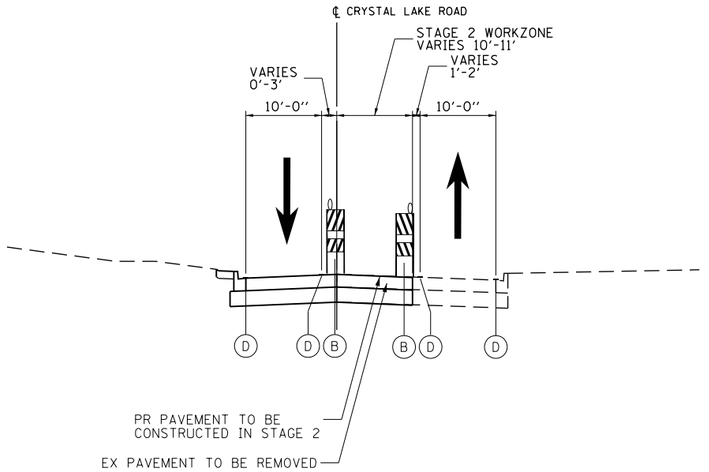
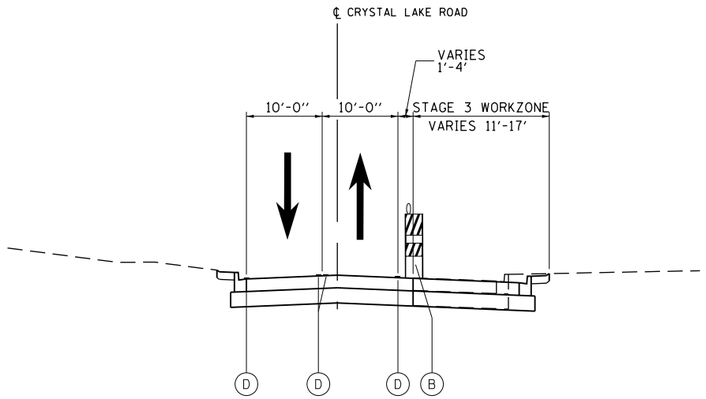
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			



MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 1
CRYSTAL LAKE ROAD



MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 2
CRYSTAL LAKE ROAD



MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 3
CRYSTAL LAKE ROAD

LEGEND

- (A) TEMPORARY PAVEMENT
- (B) TYPE II BARRICADES OR DRUMS WITH STEADY BURNING BI-DIRECTIONAL LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 20 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII
- (C) DOUBLE VERTICAL PANELS WITH STEADY BURNING BI-DIRECTIONAL LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 20 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII
- (D) PAVEMENT MARKING (REFER TO MOT PLAN FOR TYPES)
- (E) TEMPORARY CONCRETE BARRIER
- (F) TUBULAR MARKER

TranSystems

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
TYPICAL SECTIONS AND NOTES
CRYSTAL LAKE ROAD

SCALE: NONE | SHEET 14 OF 16 SHEETS

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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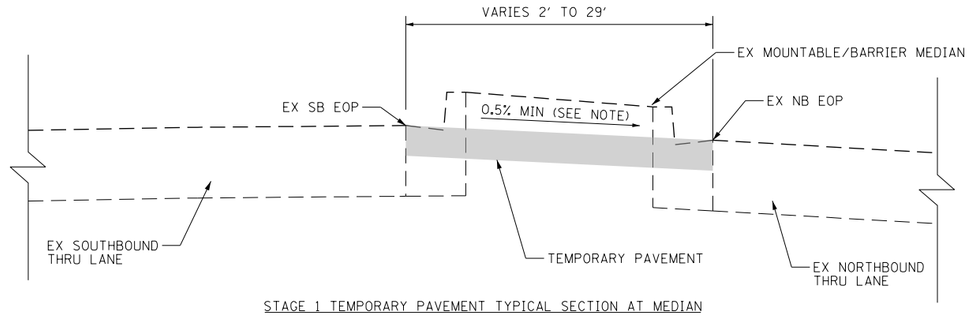
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			

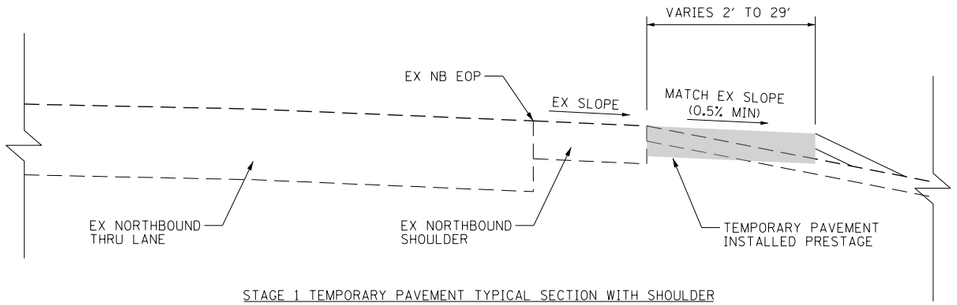


STAGE 1 TEMPORARY PAVEMENT TYPICAL SECTION AT MEDIAN

RANDALL ROAD
STATION 2142+18 TO STATION 2145+37
STATION 2182+30 TO STATION 2190+76
STATION 2192+22 TO STATION 2196+62
STATION 2199+68 TO STATION 2203+63
STATION 2204+55 TO STATION 2212+85
STATION 2214+45 TO STATION 2219+25

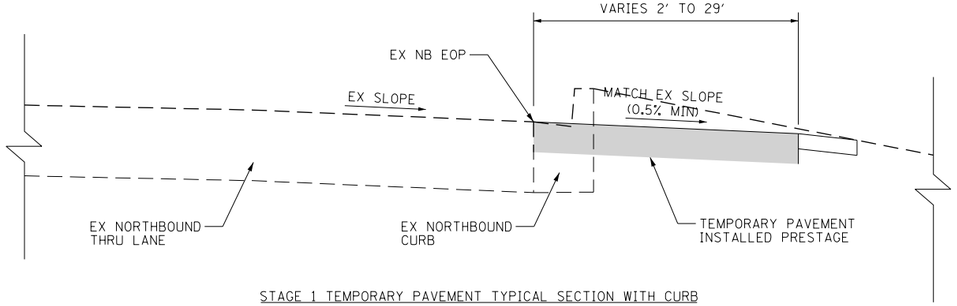
NOTE:

THE TEMPORARY PAVEMENT SHALL BE SLOPED AT A MINIMUM OF 0.5%. DEPENDING ON THE LOCATION OF THE TEMPORARY PAVEMENT, IT WILL BE SLOPED TO FLOW TOWARDS THE EDGE OF PAVEMENT OR CROWNED IN THE MIDDLE TO ACHIEVE A MINIMUM SLOPE OF 0.5%.



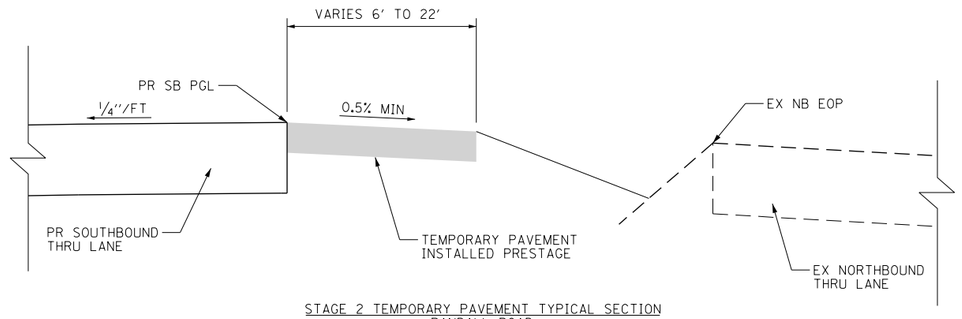
STAGE 1 TEMPORARY PAVEMENT TYPICAL SECTION WITH SHOULDER

RANDALL ROAD
STATION 2158+24 TO STATION 2164+23
STATION 2165+73 TO STATION 2170+64
STATION 2172+94 TO STATION 2177+51
STATION 2178+95 TO STATION 2180+06
STATION 2199+05 TO STATION 2201+67
STATION 2204+62 TO STATION 2209+22
STATION 2215+23 TO STATION 2217+01



STAGE 1 TEMPORARY PAVEMENT TYPICAL SECTION WITH CURB

RANDALL ROAD
STATION 2164+23 TO STATION 2164+73
STATION 2165+18 TO STATION 2165+73
STATION 2177+51 TO STATION 2177+67
STATION 2186+20 TO STATION 2190+76
STATION 2192+05 TO STATION 2199+05
STATION 2201+67 TO STATION 2203+66
STATION 2204+18 TO STATION 2204+62
STATION 2213+75 TO STATION 2215+23



STAGE 2 TEMPORARY PAVEMENT TYPICAL SECTION
RANDALL ROAD
STATION 2139+46 TO STATION 2221+00

GENERAL NOTES:

1. THE DROP OFF POLICY (SAFETY 4-15, UPDATED 3/15) MUST BE FOLLOWED FOR ALL STAGES.
2. IN ALL CONDITIONS, THE MAXIMUM CROSS SLOPE BREAK IS 5% WITHIN THE TRAVELWAY.

Tran Systems

USER NAME = mrciss	DESIGNED - WBL	REVISED -
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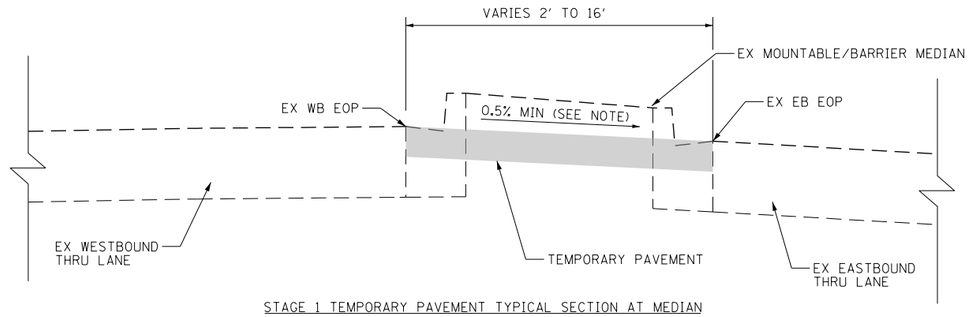
PLOT SCALE = 20.0000 ' / in.	CHECKED - RCB	REVISED -
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
TYPICAL SECTIONS AND NOTES
TEMPORARY PAVEMENT

SCALE: NONE | SHEET 15 OF 16 SHEETS

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	121
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			

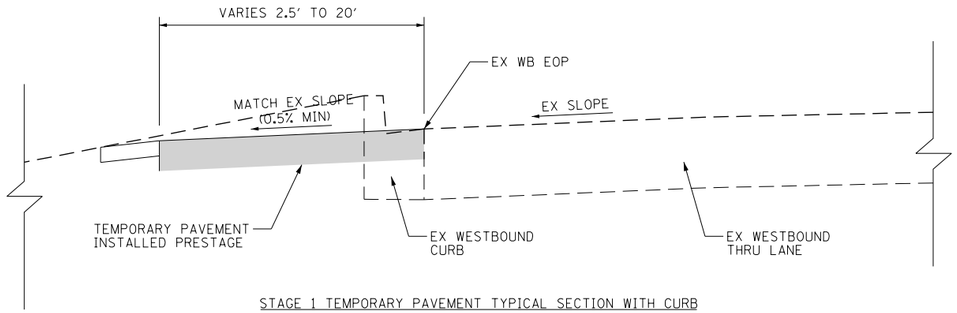


STAGE 1 TEMPORARY PAVEMENT TYPICAL SECTION AT MEDIAN

ALGONQUIN ROAD
STATION 1331+80 TO STATION 1340+81
STATION 1342+68 TO STATION 1348+25
STATION 1353+29 TO STATION 1354+30

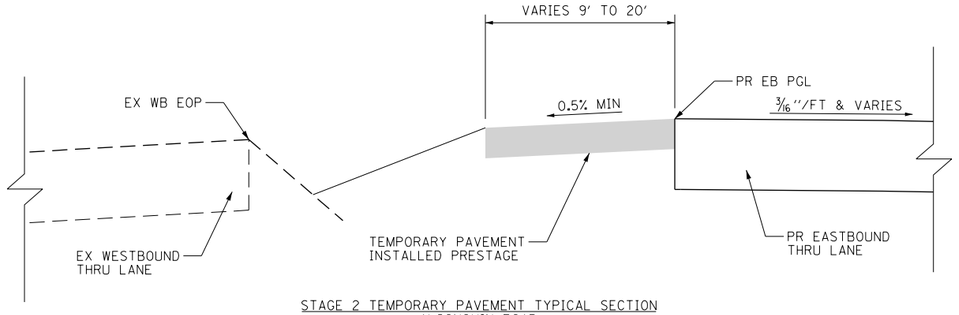
NOTE:

THE TEMPORARY PAVEMENT SHALL BE SLOPED AT A MINIMUM OF 0.5%. DEPENDING ON THE LOCATION OF THE TEMPORARY PAVEMENT, IT WILL BE SLOPED TO FLOW TOWARDS THE EDGE OF PAVEMENT OR CROWNED IN THE MIDDLE TO ACHIEVE A MINIMUM SLOPE OF 0.5%.

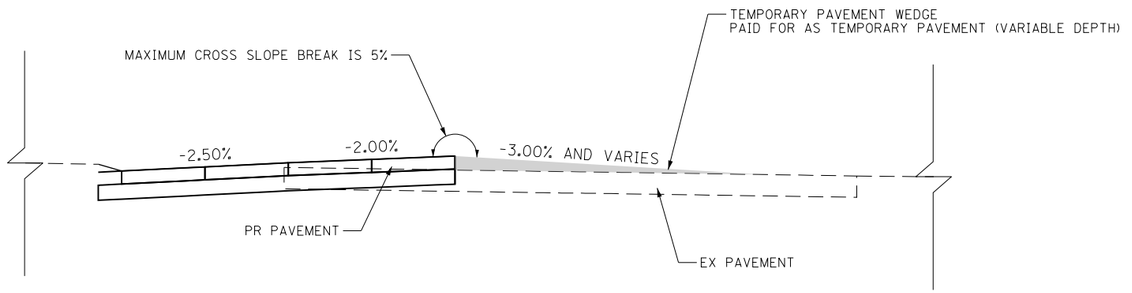


STAGE 1 TEMPORARY PAVEMENT TYPICAL SECTION WITH CURB

ALGONQUIN ROAD
STATION 1337+74 TO STATION 1345+86
STATION 1354+69 TO STATION 1358+06
STATION 1358+44 TO STATION 1362+14
STATION 1362+81 TO STATION 1367+08



STAGE 2 TEMPORARY PAVEMENT TYPICAL SECTION
ALGONQUIN ROAD
STATION 1333+95 TO STATION 1365+50



ALL STAGES: TEMPORARY PAVEMENT WEDGE DETAIL
OR AS APPROVED BY THE ENGINEER

GENERAL NOTES:

1. THE DROP OFF POLICY (SAFETY 4-15, UPDATED 3/15) MUST BE FOLLOWED FOR ALL STAGES.
2. IN ALL CONDITIONS, THE MAXIMUM CROSS SLOPE BREAK IS 5% WITHIN THE TRAVELWAY.

Tran Systems

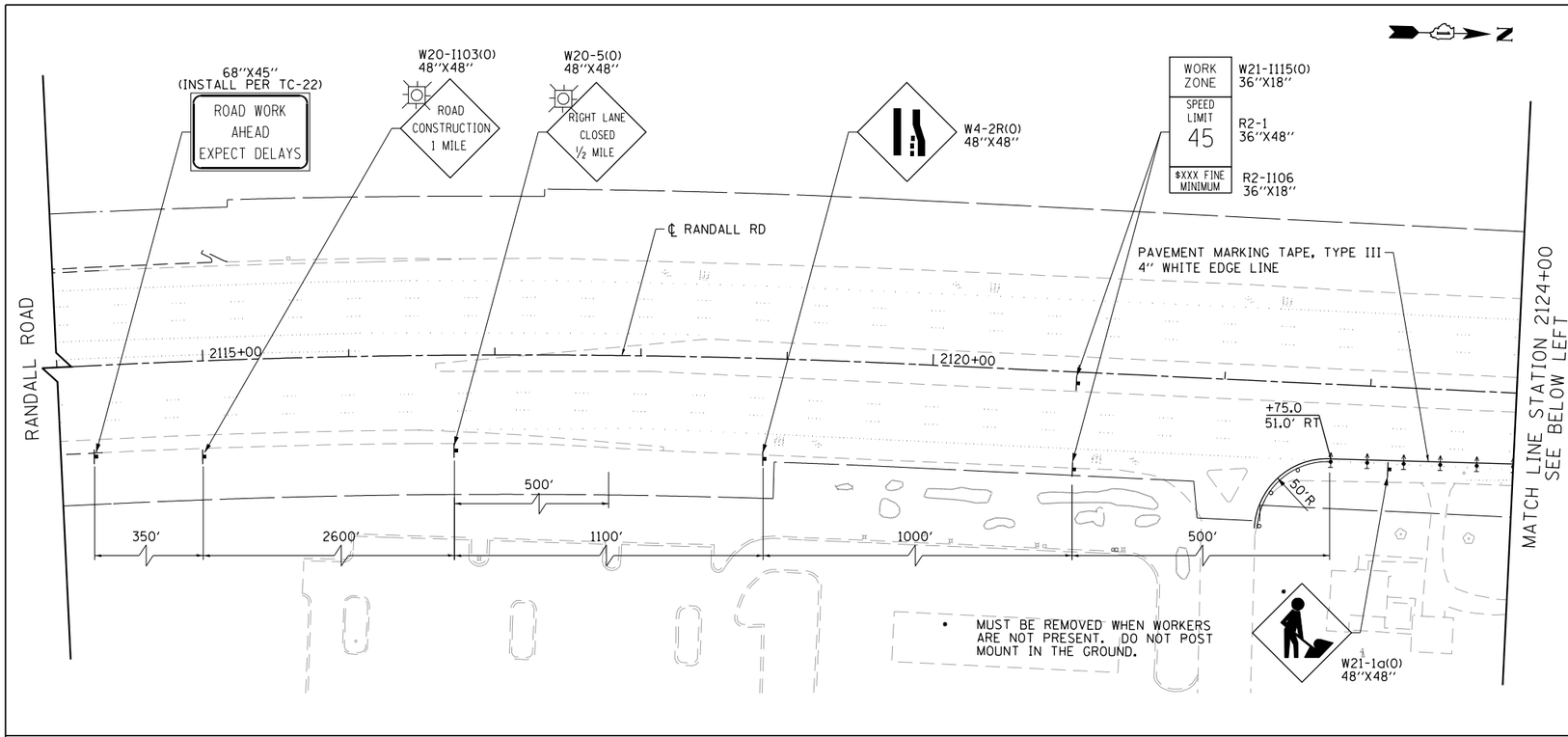
USER NAME = mroiss	DESIGNED - WBL	REVISED -
FILENAME = DINNNNN-sht-staging-typ-21.dgn	DRAWN - MKW	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - RCB	REVISED -
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

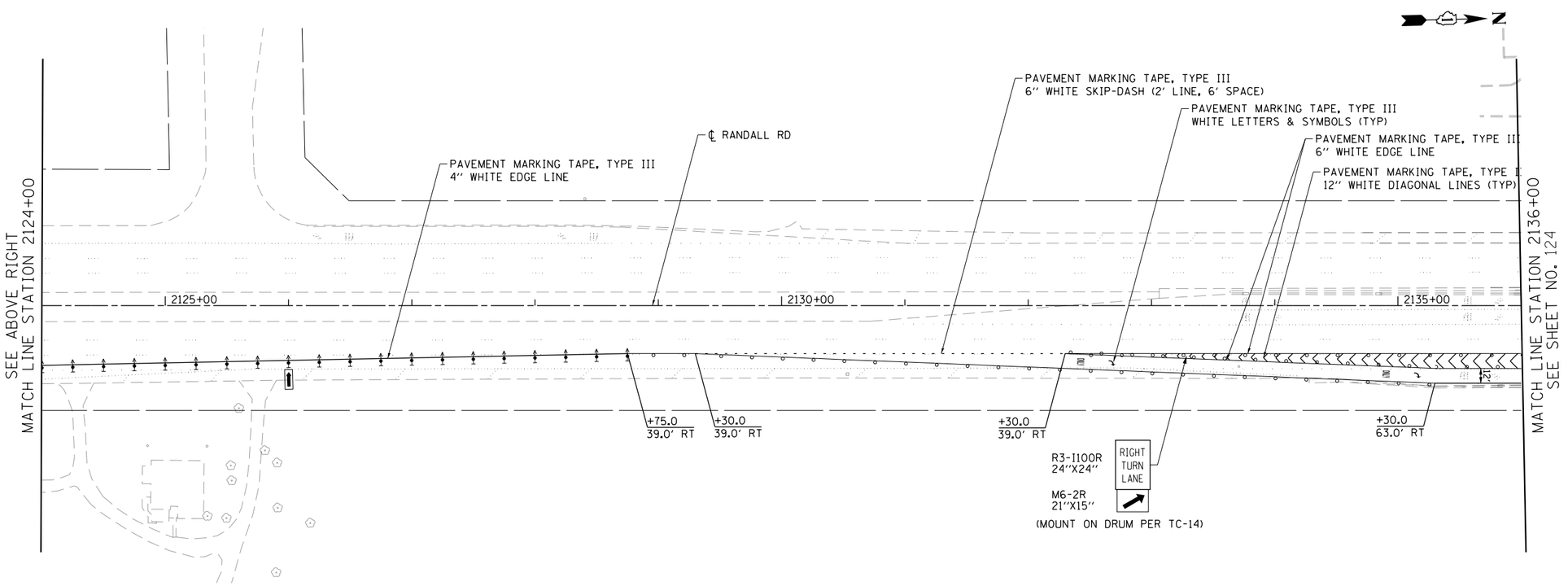
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
TYPICAL SECTIONS AND NOTES
TEMPORARY PAVEMENT

SCALE: NONE | SHEET 16 OF 16 SHEETS

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	122
		CONTRACT NO. 61E53		
	ILLINOIS	FED. AID PROJECT		





LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT
- ARROW BOARD
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONO-DIRECTIONAL FLASHING LIGHT
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
- DIRECTION OF TRAFFIC FLOW

1	DRIVEWAY ENTRANCE →	30" X 30" SEE TC-26
2	DRIVEWAY ENTRANCE ←	30" X 30" SEE TC-26
3		R3-2 24" X 24"
4	STOP	R1-1 36" X 36"
5	STOP HERE ON RED	R10-6a 24" X 36"
6	ONE WAY →	R6-1R 36" X 12"

Tran Systems

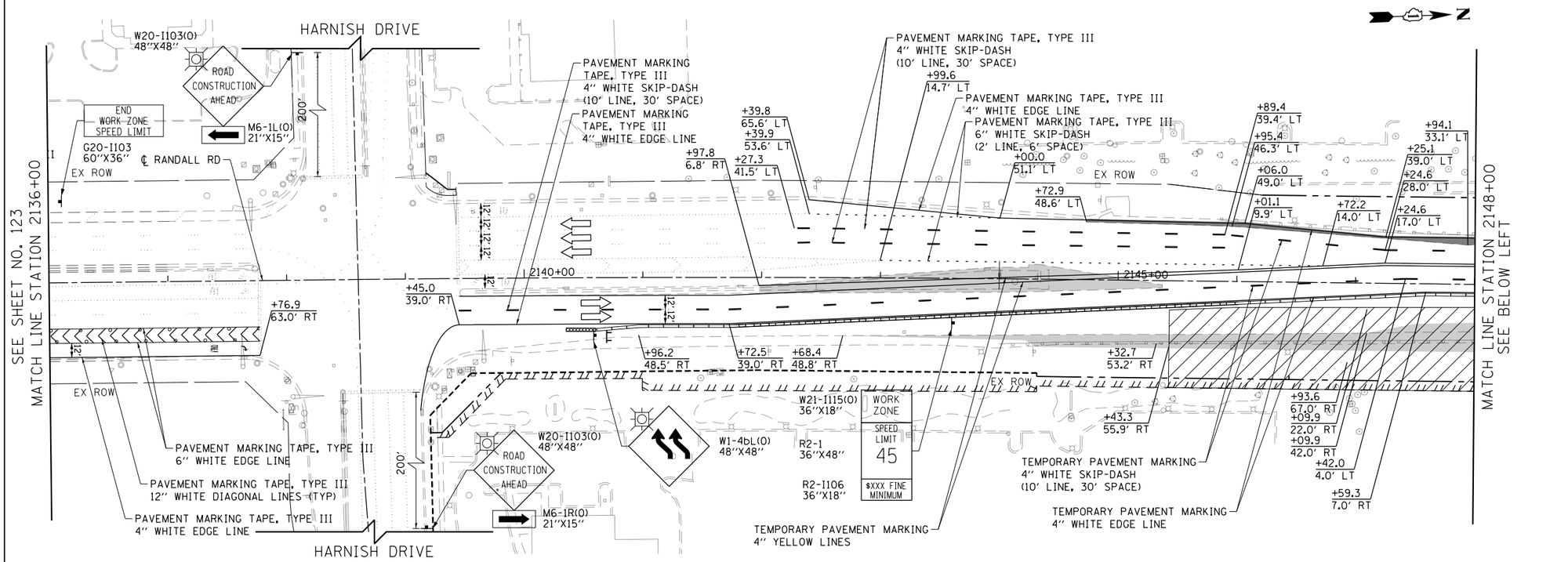
USER NAME = mrciss	DESIGNED - WBL	REVISED -
FILENAME = DINNNNN-sht-staging-0A-A.dgn	DRAWN - MKW	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - RCB	REVISED -
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
RANDALL ROAD PRESTAGE

SCALE: 1" = 50' | SHEET 1 OF 5 SHEETS | STA 2114+00 | TO STA 2136+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	123
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			



LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT
- ARROW BOARD
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONO-DIRECTIONAL FLASHING LIGHT
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
- DIRECTION OF TRAFFIC FLOW

1	DRIVEWAY ENTRANCE →	30" X 30" SEE TC-26
2	DRIVEWAY ENTRANCE ←	30" X 30" SEE TC-26
3		R3-2 24" X 24"
4	STOP	R1-1 36" X 36"
5	STOP HERE ON RED	R10-6a 24" X 36"
6	ONE WAY →	R6-1R 36" X 12"

Tran Systems

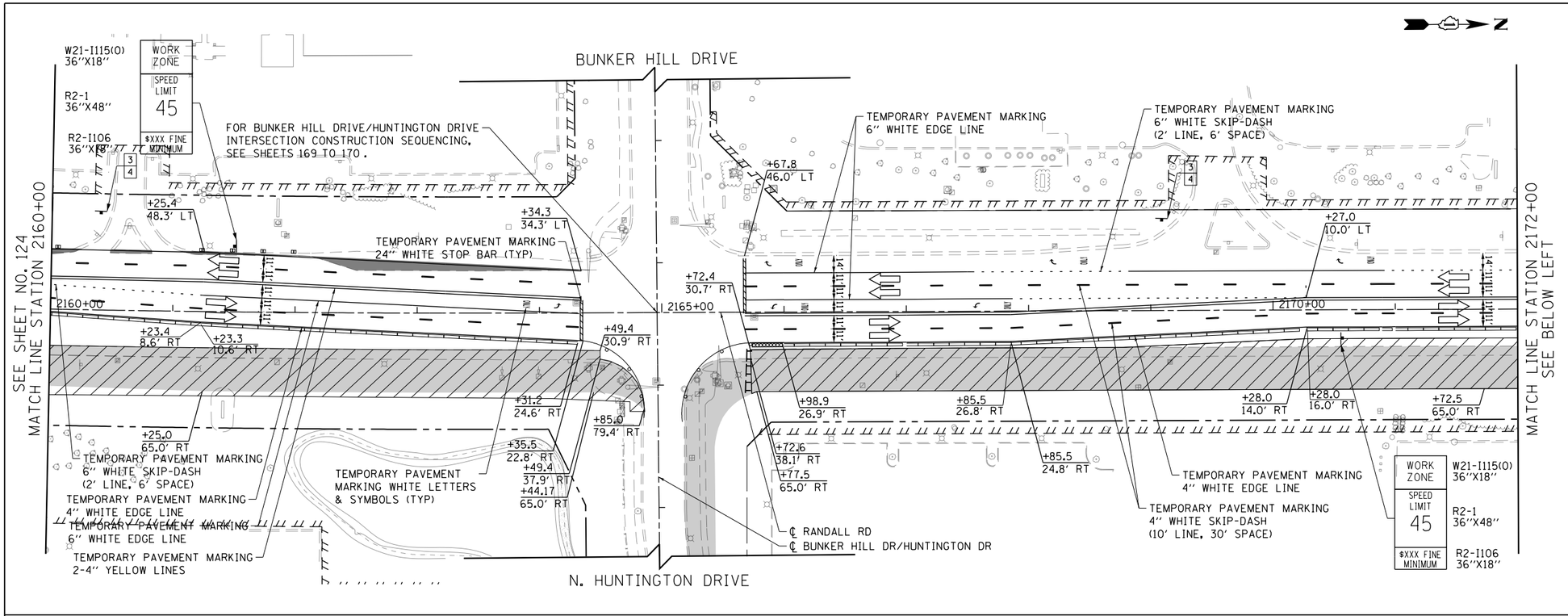
USER NAME = mroiss	DESIGNED - WBL	REVISED -	
FILENAME = DINNNNN-sht-staging-0A-1.dgn	DRAWN - MKW	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - RCB	REVISED -	
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -	

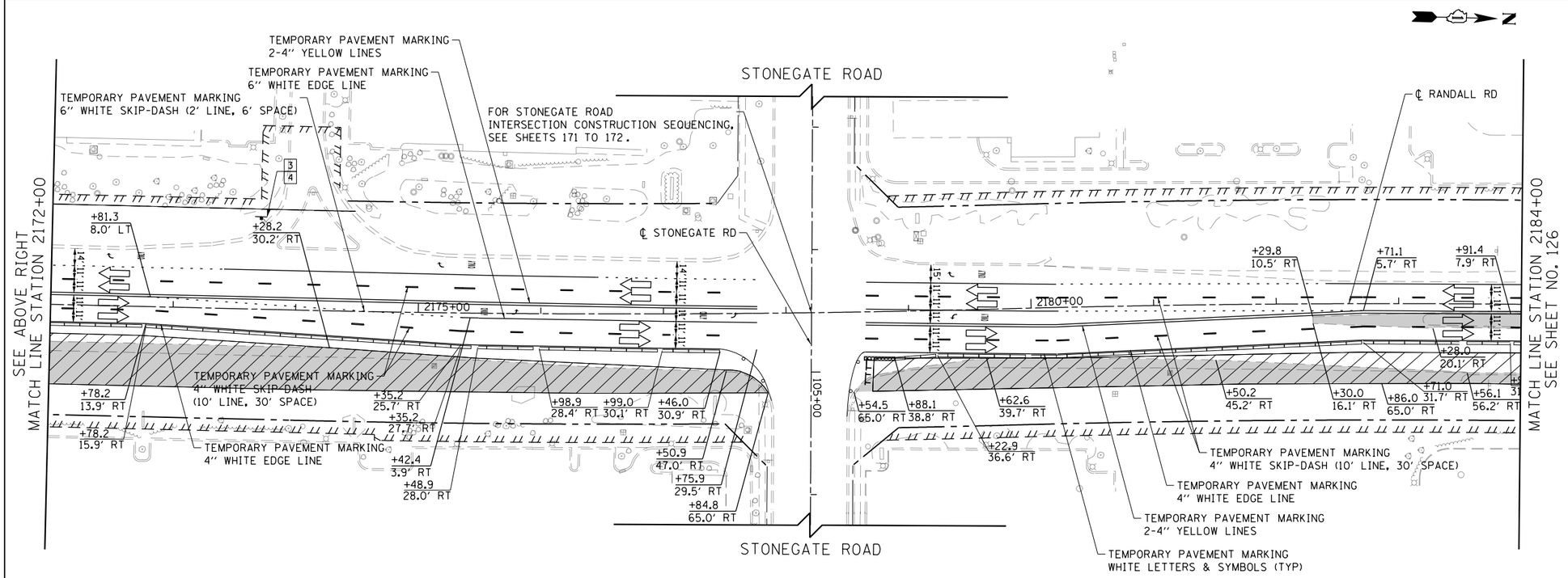
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
RANDALL ROAD PRESTAGE

SCALE: 1" = 50' | SHEET 2 OF 5 SHEETS | STA 2136+00 | TO STA 2160+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	124
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			





LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT
- ARROW BOARD
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONO-DIRECTIONAL FLASHING LIGHT
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
- DIRECTION OF TRAFFIC FLOW

1	DRIVEWAY ENTRANCE →	30" X 30" SEE TC-26
2	DRIVEWAY ENTRANCE ←	30" X 30" SEE TC-26
3		R3-2 24" X 24"
4	STOP	R1-1 36" X 36"
5	STOP HERE ON RED	R10-6a 24" X 36"
6	ONE WAY →	R6-1R 36" X 12"

USER NAME = mrciss	DESIGNED - WBL	REVISED -	
FILENAME = DINNNNN-sht-staging-0A-2.dgn	DRAWN - MKW	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - RCB	REVISED -	
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -	

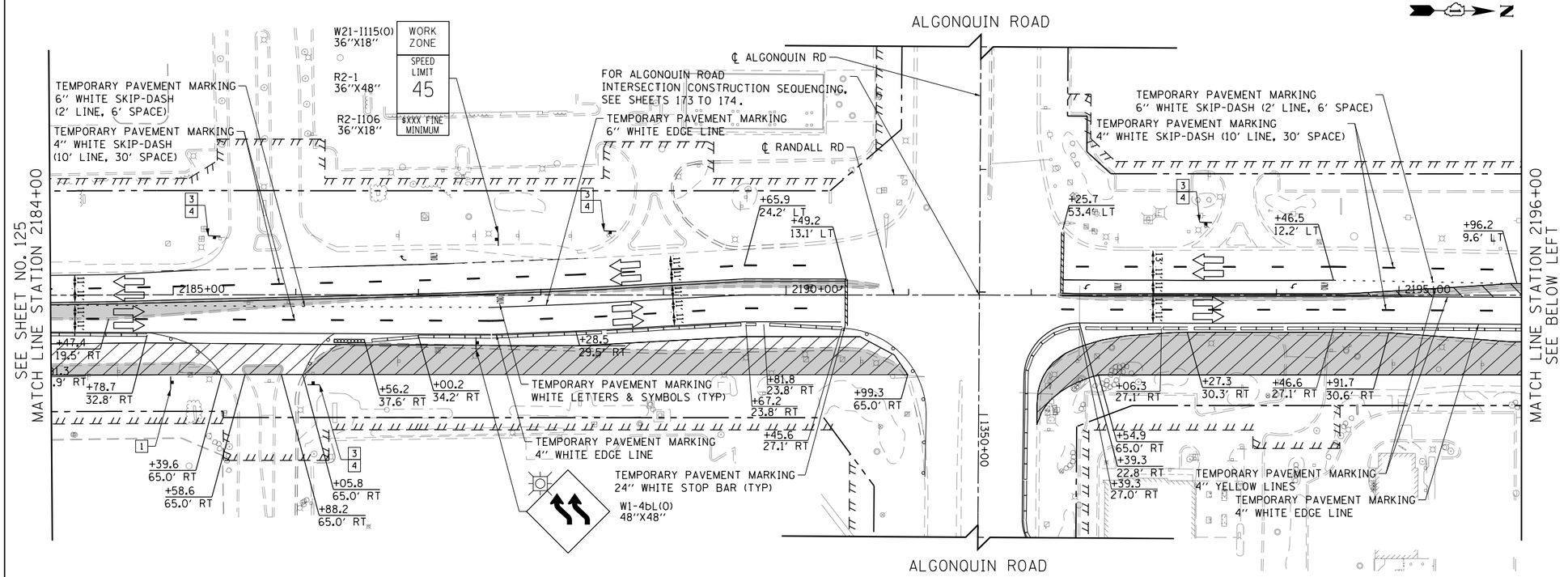
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

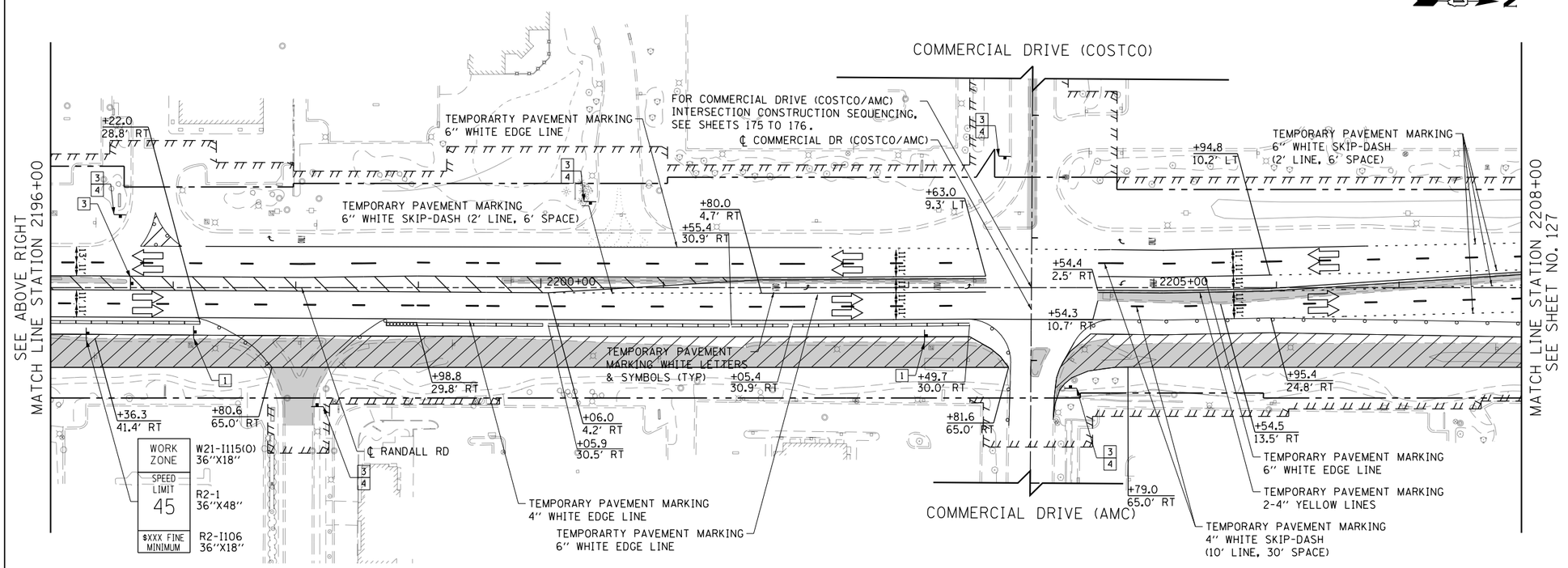
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
RANDALL ROAD PRESTAGE

SCALE: 1" = 50' | SHEET 3 OF 5 SHEETS | STA 2160+00 | TO STA 2184+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	125
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			

Tran Systems





LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT
- ARROW BOARD
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONO-DIRECTIONAL FLASHING LIGHT
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
- DIRECTION OF TRAFFIC FLOW

1	DRIVEWAY ENTRANCE →	30" X 30" SEE TC-26
2	DRIVEWAY ENTRANCE ←	30" X 30" SEE TC-26
3		R3-2 24" X 24"
4	STOP	R1-1 36" X 36"
5	STOP HERE ON RED	R10-6a 24" X 36"
6	ONE WAY →	R6-1R 36" X 12"

Tran Systems

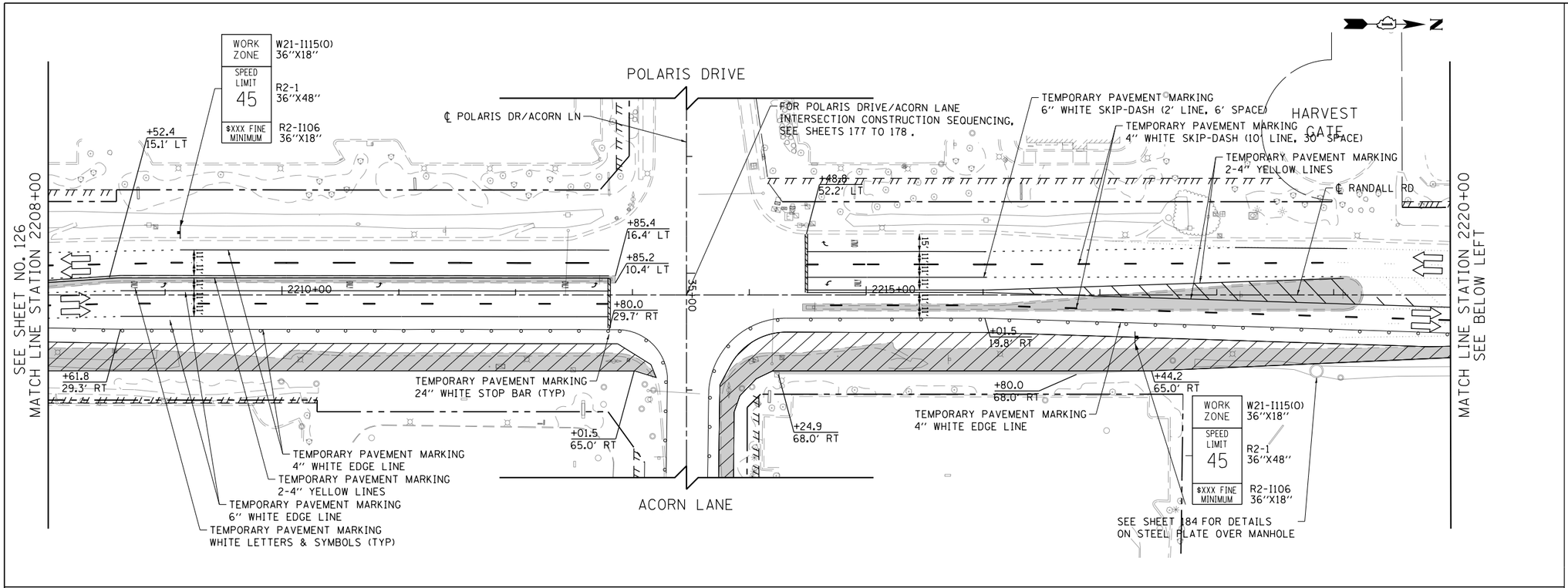
USER NAME = mrciss	DESIGNED - WBL	REVISED -
FILENAME = DINNNNN-sht-staging-0A-3.dgn	DRAWN - MKW	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - RCB	REVISED -
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

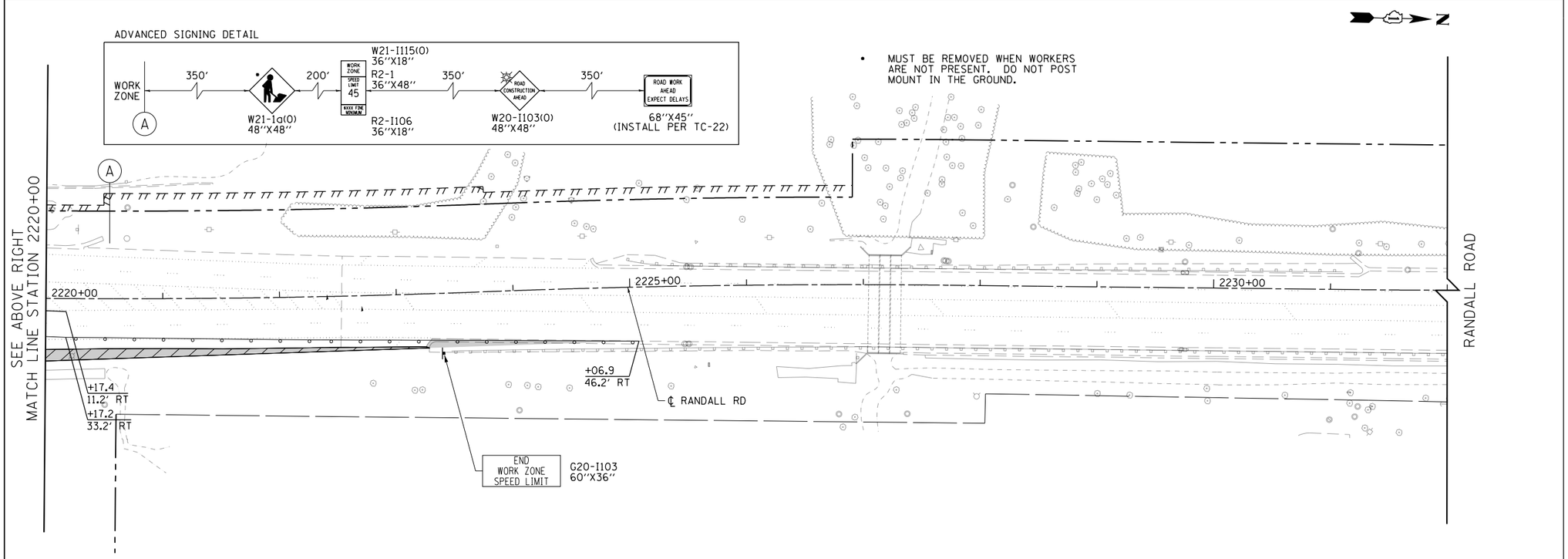
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
RANDALL ROAD PRESTAGE

SCALE: 1" = 50' | SHEET 4 OF 5 SHEETS | STA 2184+00 | TO STA 2208+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	126
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			





LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT
- ARROW BOARD
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONO-DIRECTIONAL FLASHING LIGHT
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
- DIRECTION OF TRAFFIC FLOW

1	DRIVEWAY ENTRANCE →	30" X 30" SEE TC-26
2	DRIVEWAY ENTRANCE ←	30" X 30" SEE TC-26
3		R3-2 24" X 24"
4	STOP	R1-1 36" X 36"
5	STOP HERE ON RED	R10-6a 24" X 36"
6	ONE WAY →	R6-1R 36" X 12"

Tran Systems

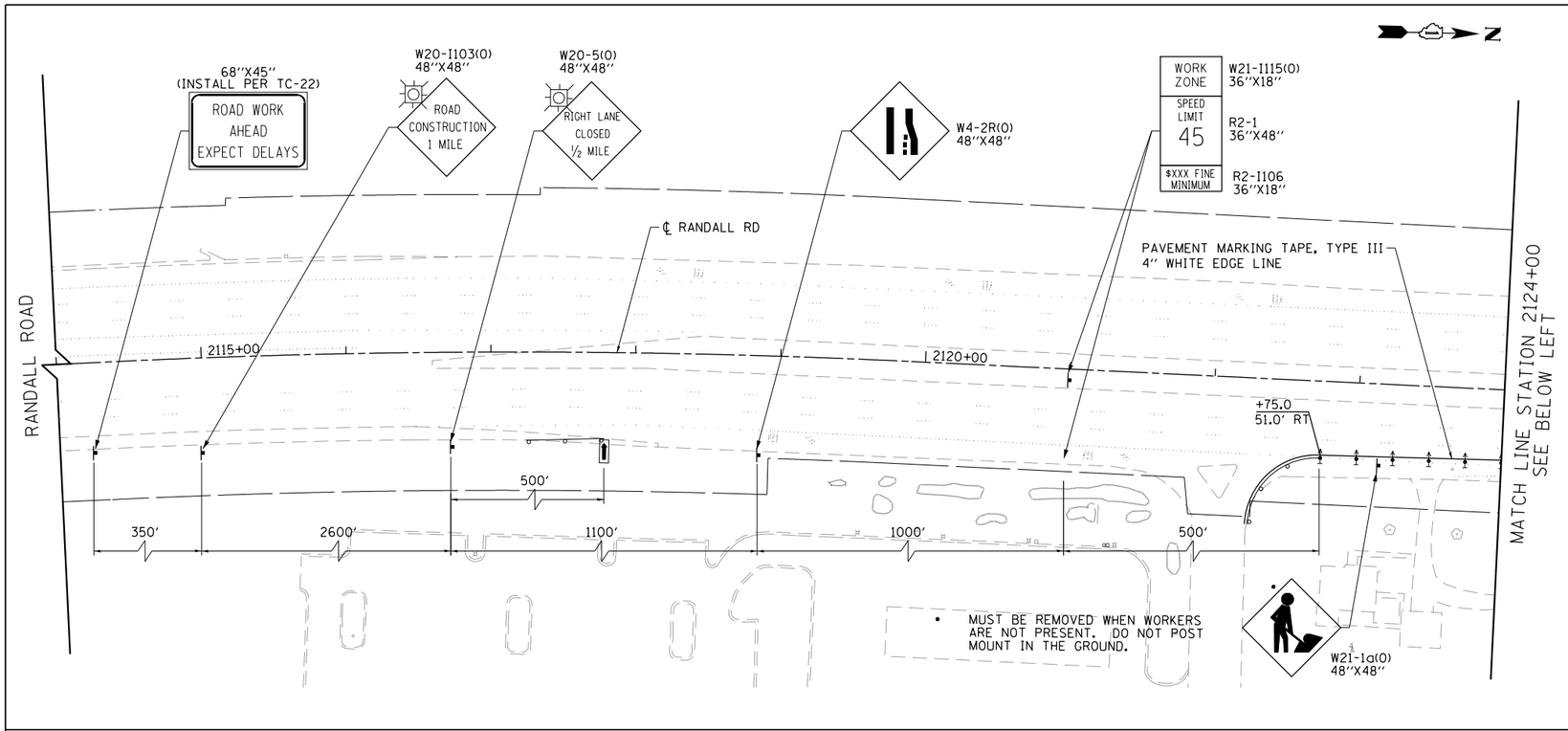
USER NAME = mrciss	DESIGNED - WBL	REVISED -
FILENAME = DINNNNN-sht-staging-0A-4.dgn	DRAWN - MKW	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - RCB	REVISED -
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

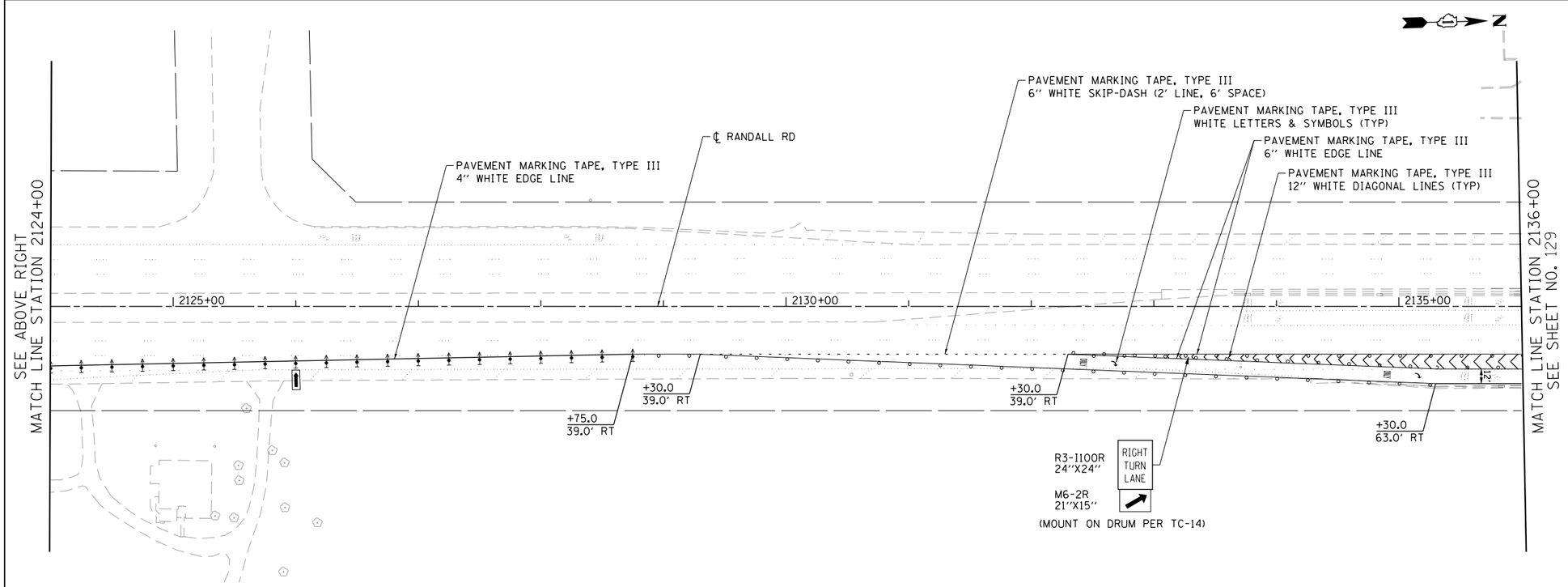
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
RANDALL ROAD PRESTAGE

SCALE: 1" = 50' | SHEET 5 OF 5 SHEETS | STA 2208+00 | TO STA 2232+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	127
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			





LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT
- ARROW BOARD
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONO-DIRECTIONAL FLASHING LIGHT
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
- DIRECTION OF TRAFFIC FLOW

1	DRIVEWAY ENTRANCE →	30" X 30" SEE TC-26
2	DRIVEWAY ENTRANCE ←	30" X 30" SEE TC-26
3		R3-2 24" X 24"
4	STOP	R1-1 36" X 36"
5	STOP HERE ON RED	R10-6a 24" X 36"
6	ONE WAY →	R6-1R 36" X 12"

Tran Systems

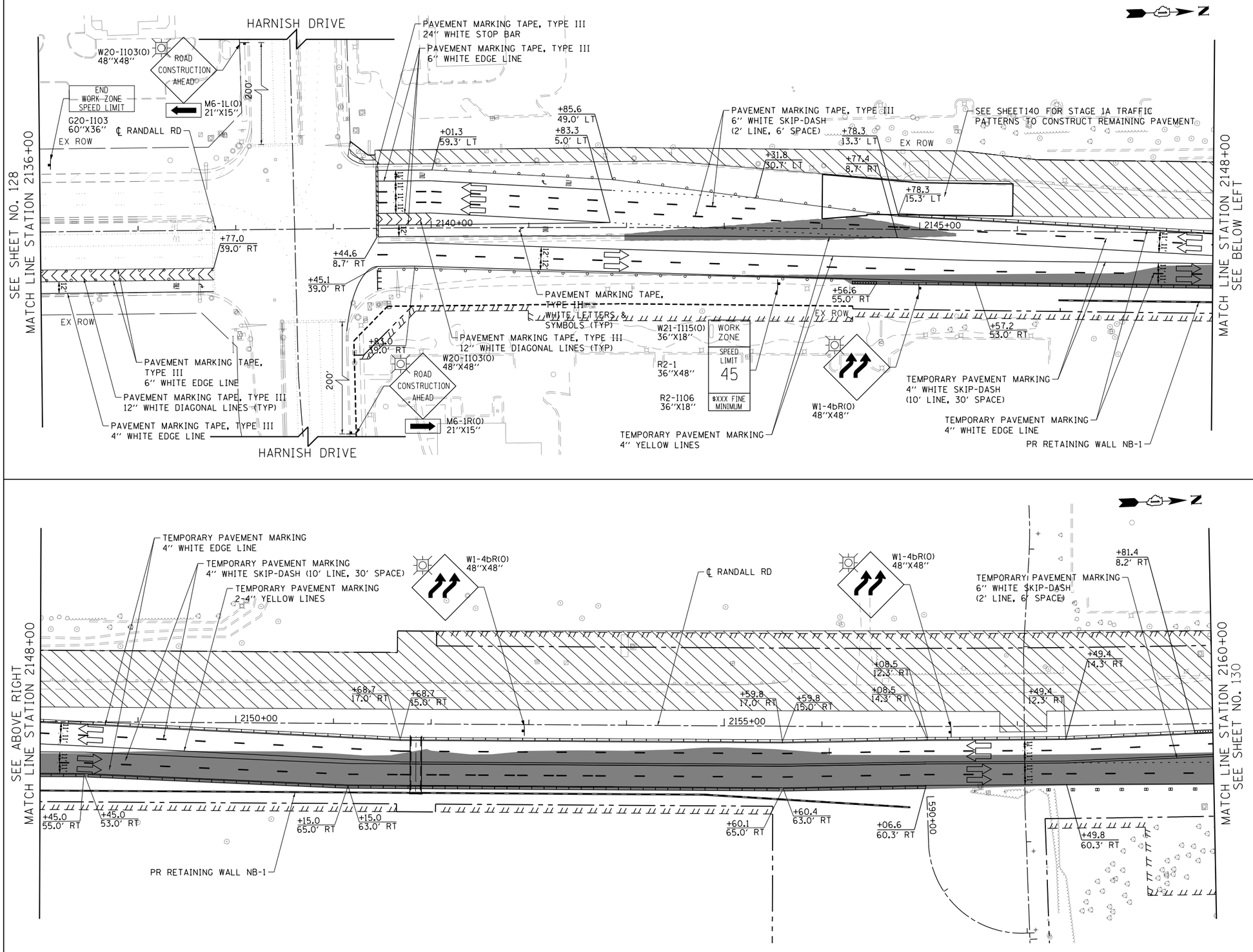
USER NAME = mrciss	DESIGNED - WBL	REVISED -
FILENAME = DINNNNN-sht-staging-1-A.dgn	DRAWN - MKW	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - RCB	REVISED -
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
RANDALL ROAD STAGE 1

SCALE: 1" = 50' | SHEET 1 OF 12 SHEETS | STA 2114+00 | TO STA 2136+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	128
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			



LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT
- ARROW BOARD
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONO-DIRECTIONAL FLASHING LIGHT
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TEMPORARY CONCRETE BARRIER
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- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
- DIRECTION OF TRAFFIC FLOW

1	DRIVEWAY ENTRANCE →	30" X 30" SEE TC-26
2	DRIVEWAY ENTRANCE ←	30" X 30" SEE TC-26
3		R3-2 24" X 24"
4	STOP	R1-1 36" X 36"
5	STOP HERE ON RED	R10-6a 24" X 36"
6	ONE WAY →	R6-1R 36" X 12"

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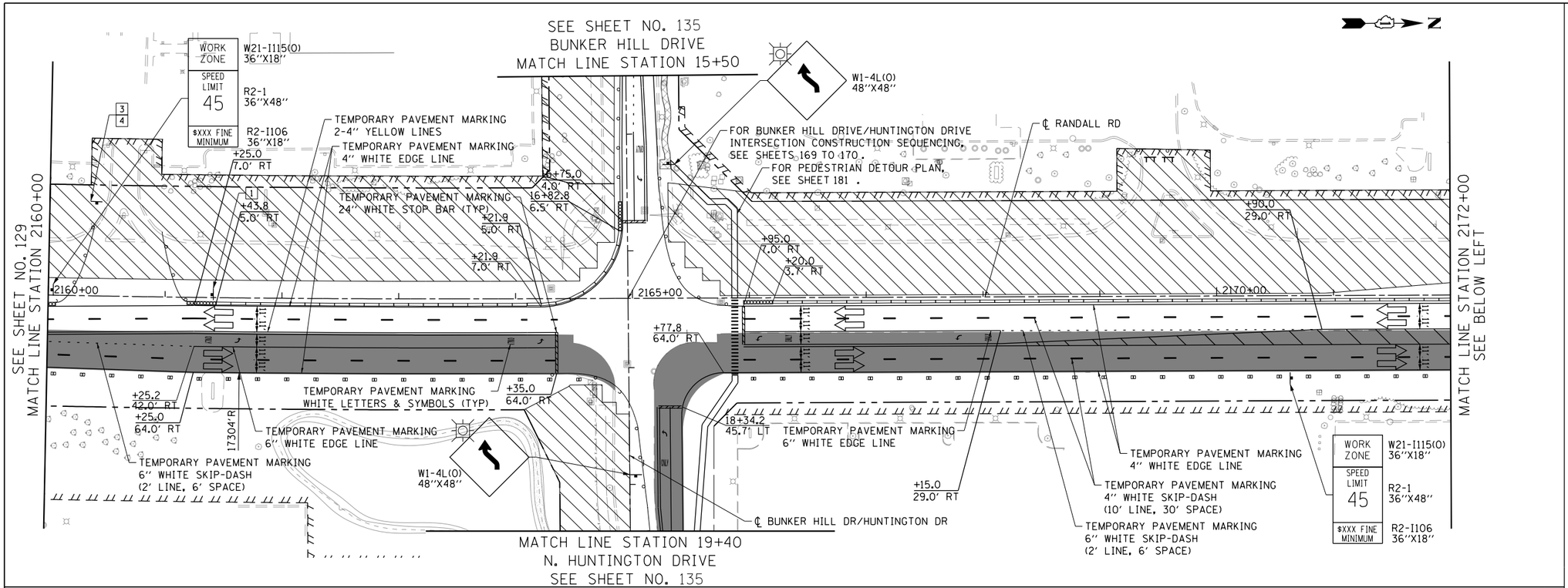
FILENAME = DINNNNN-sht-staging-1-1.dgn	DRAWN - MKW		REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - RCB		REVISED -
PLOT DATE = 4/25/2018	DATE - 4-26-2018		REVISED -

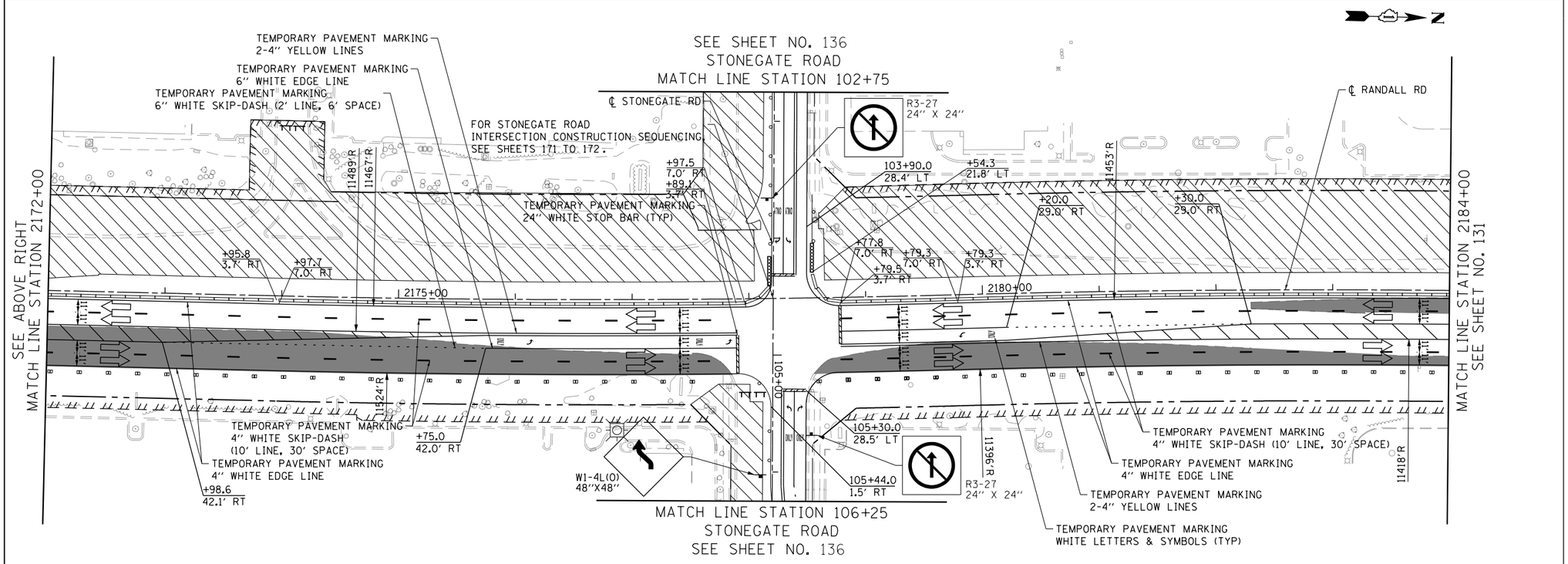
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
RANDALL ROAD STAGE 1

SCALE: 1" = 50' | SHEET 2 OF 12 SHEETS | STA 2136+00 | TO STA 2160+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	129
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			





LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT
- ARROW BOARD
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONO-DIRECTIONAL FLASHING LIGHT
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
- DIRECTION OF TRAFFIC FLOW

1	DRIVEWAY ENTRANCE →	30" X 30" SEE TC-26
2	DRIVEWAY ENTRANCE ←	30" X 30" SEE TC-26
3	R3-2	24" X 24"
4	STOP	R1-1 36" X 36"
5	STOP HERE ON RED	R10-6a 24" X 36"
6	ONE WAY →	R6-1R 36" X 12"

Tran Systems

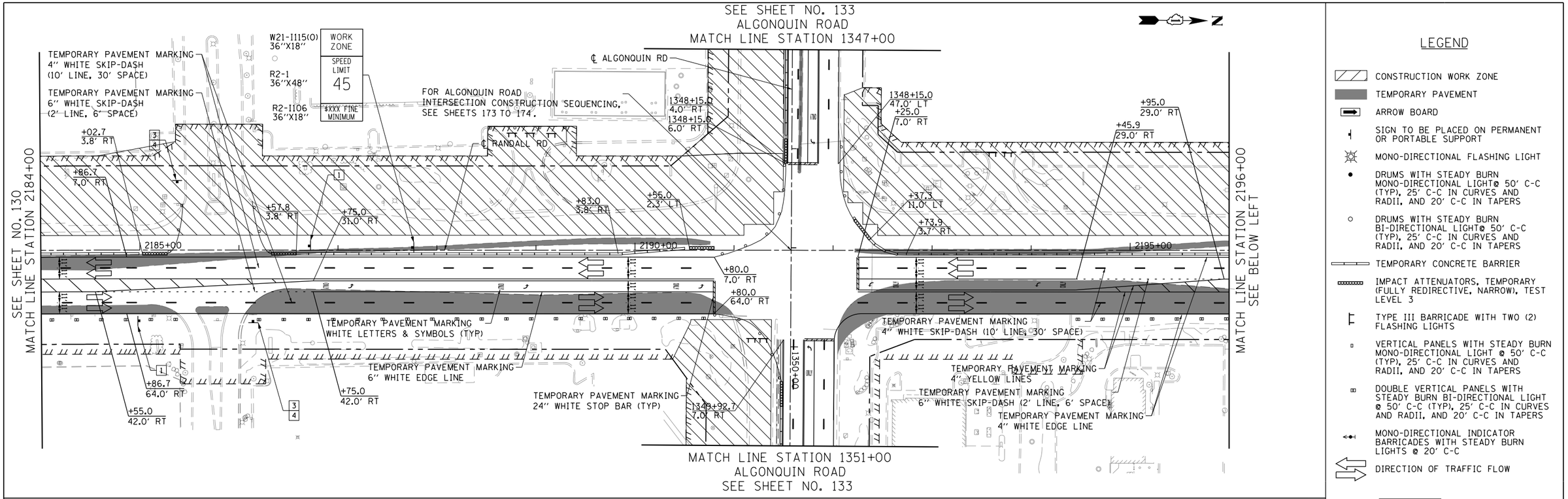
USER NAME = mrciss	DESIGNED - WBL	REVISED -
FILENAME = DINNNNN-sht-staging-1-2.dgn	DRAWN - MKW	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - RCB	REVISED -
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
RANDALL ROAD STAGE 1

SCALE: 1" = 50' | SHEET 3 OF 12 SHEETS | STA 2160+00 | TO STA 2184+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	130
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			



Tran Systems

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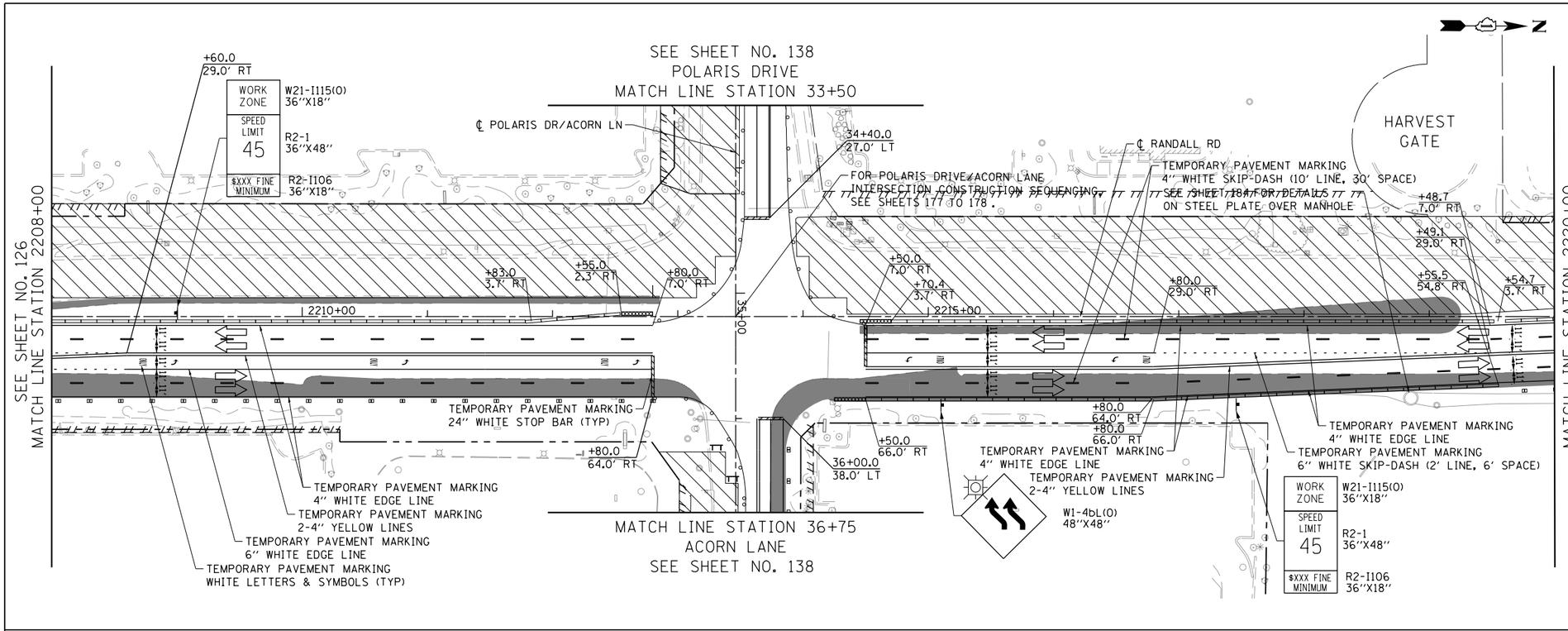
PLOT SCALE = 100.0000 ' / in.	CHECKED - RCB	REVISED -
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

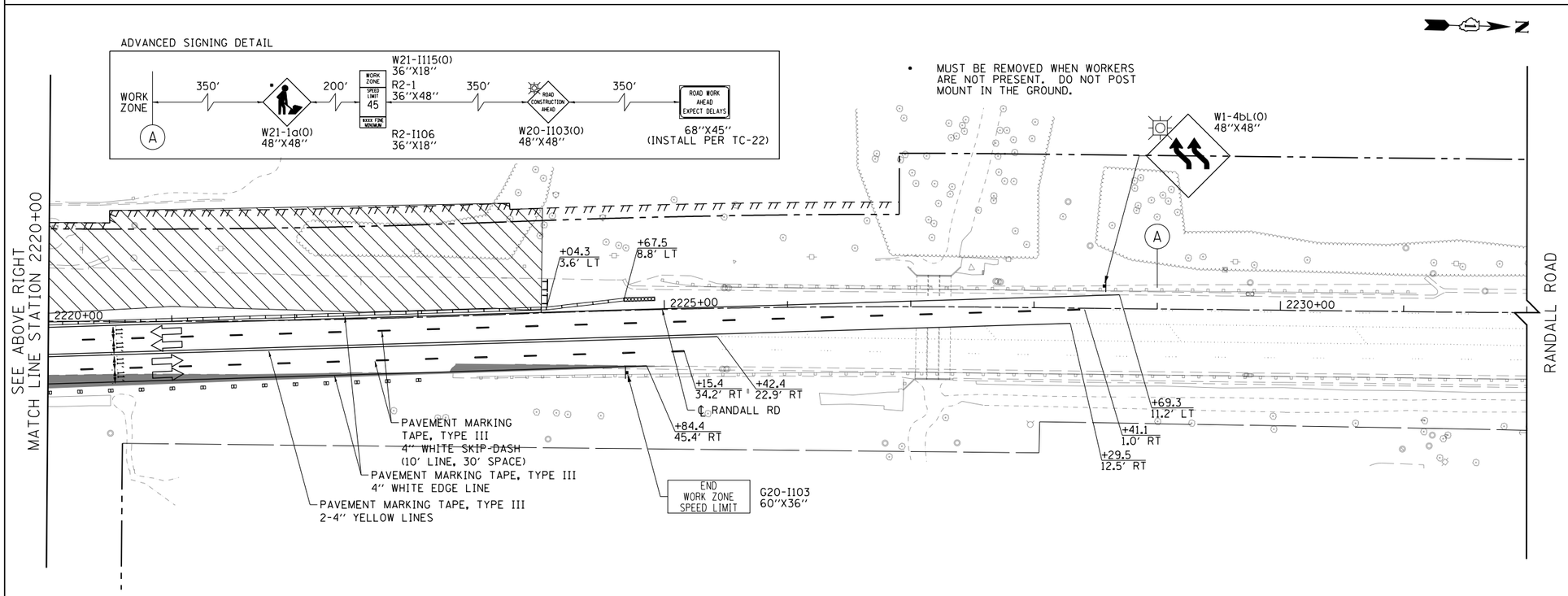
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
RANDALL ROAD STAGE 1

SCALE: 1" = 50' | SHEET 4 OF 12 SHEETS | STA 2184+00 | TO STA 2208+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	131
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			





LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT
- ARROW BOARD
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONO-DIRECTIONAL FLASHING LIGHT
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
- DIRECTION OF TRAFFIC FLOW

1	DRIVEWAY ENTRANCE →	30" X 30" SEE TC-26
2	DRIVEWAY ENTRANCE ←	30" X 30" SEE TC-26
3		R3-2 24" X 24"
4	STOP	R1-1 36" X 36"
5	STOP HERE ON RED	R10-6a 24" X 36"
6	ONE WAY →	R6-1R 36" X 12"

Tran Systems

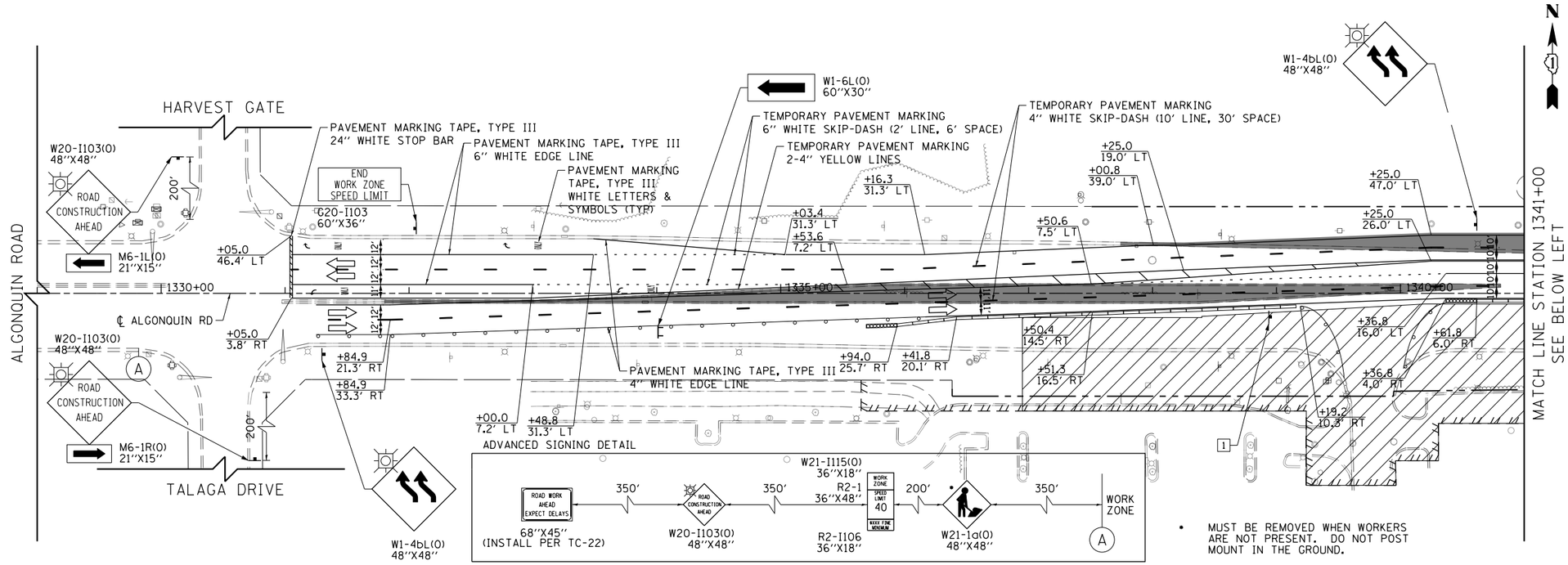
USER NAME = mroiss	DESIGNED - WBL	REVISED -
FILENAME = DINNNNN-sht-staging-1-4.dgn	DRAWN - MKW	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - RCB	REVISED -
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

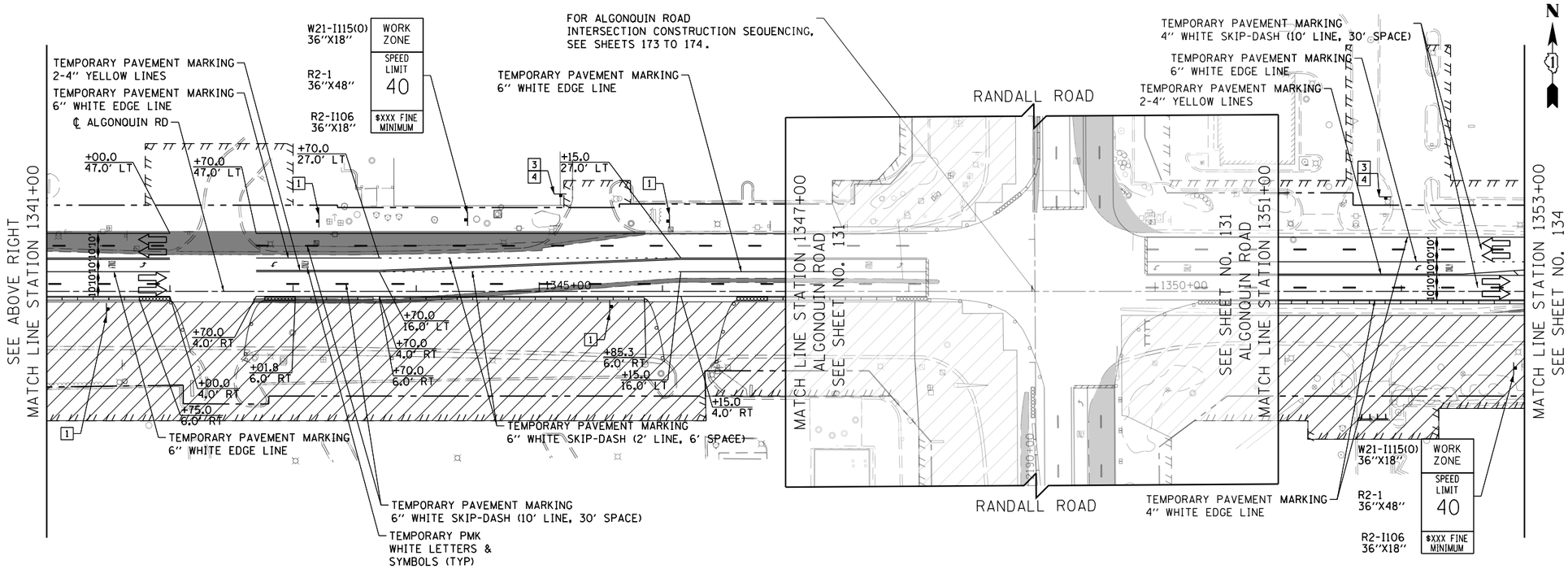
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
RANDALL ROAD STAGE 1

SCALE: 1" = 50' | SHEET 5 OF 12 SHEETS | STA 2208+00 TO STA 2232+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	132
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			





LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT
- ARROW BOARD
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONO-DIRECTIONAL FLASHING LIGHT
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
- DIRECTION OF TRAFFIC FLOW

1	DRIVEWAY ENTRANCE →	30" X 30" SEE TC-26
2	DRIVEWAY ENTRANCE ←	30" X 30" SEE TC-26
3	R3-2	24" X 24"
4	STOP	R1-1 36" X 36"
5	STOP HERE ON RED	R10-6a 24" X 36"
6	ONE WAY →	R6-1R 36" X 12"

USER NAME = mrciss	DESIGNED - WBL	REVISED -	
FILENAME = DINNNNN-sht-staging-1-8.dgn	DRAWN - MKW	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - RCB	REVISED -	
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -	

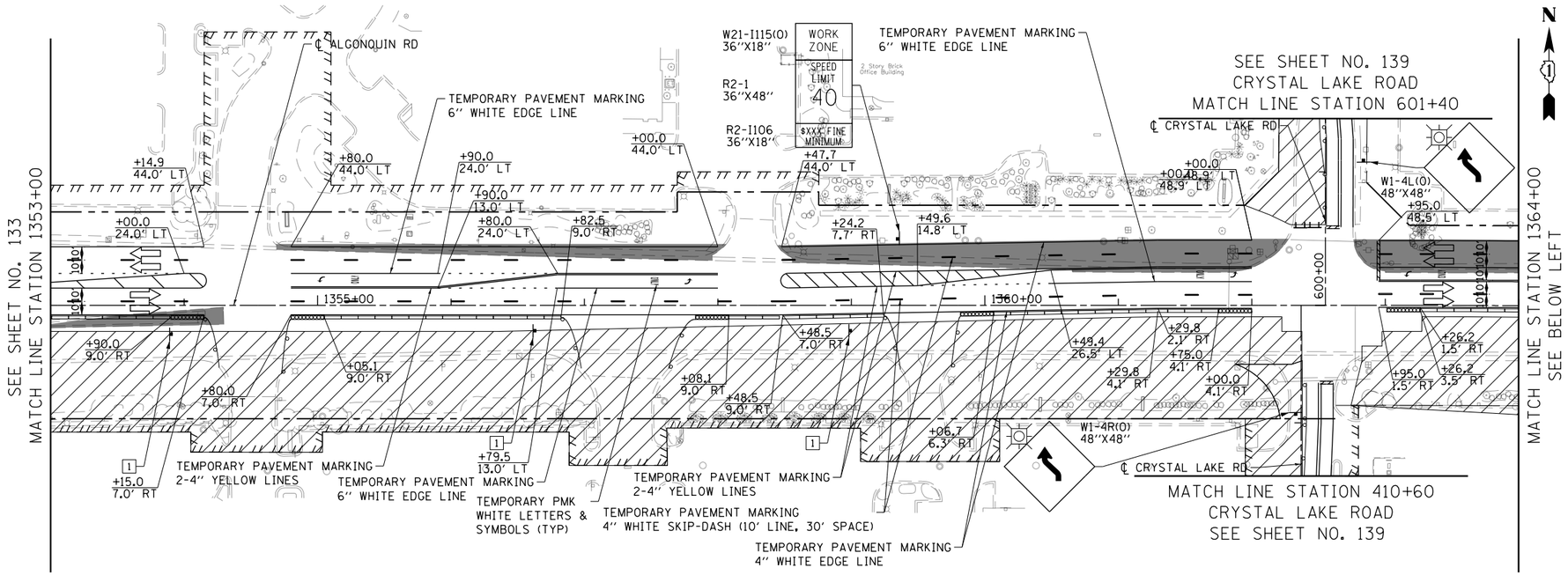
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

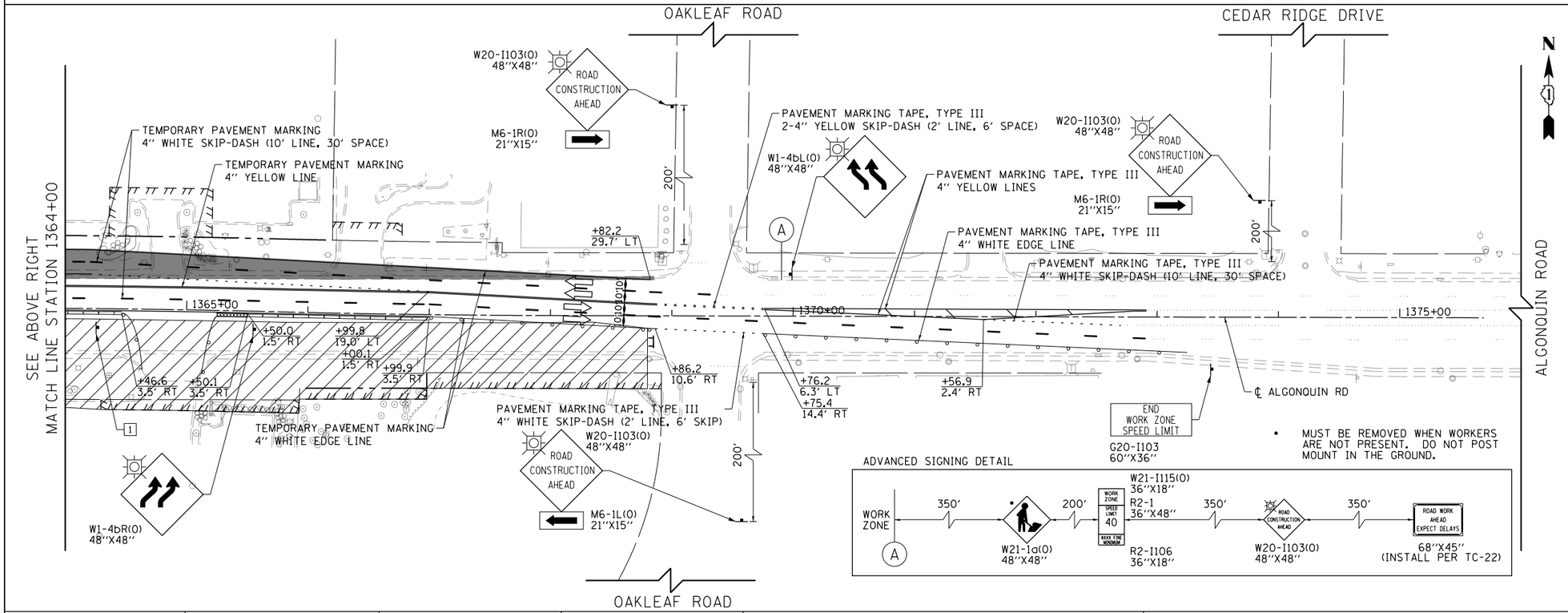
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
ALGONQUIN ROAD STAGE 1

SCALE: 1" = 50' | SHEET 6 OF 12 SHEETS | STA 1334+00 TO STA 1353+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	133
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			

Trans Systems





LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT
- ARROW BOARD
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONO-DIRECTIONAL FLASHING LIGHT
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
- DIRECTION OF TRAFFIC FLOW

1	DRIVEWAY ENTRANCE →	30" X 30" SEE TC-26
2	DRIVEWAY ENTRANCE ←	30" X 30" SEE TC-26
3		R3-2 24" X 24"
4	STOP	R1-1 36" X 36"
5	STOP HERE ON RED	R10-6a 24" X 36"
6	ONE WAY →	R6-1R 36" X 12"

Tran Systems

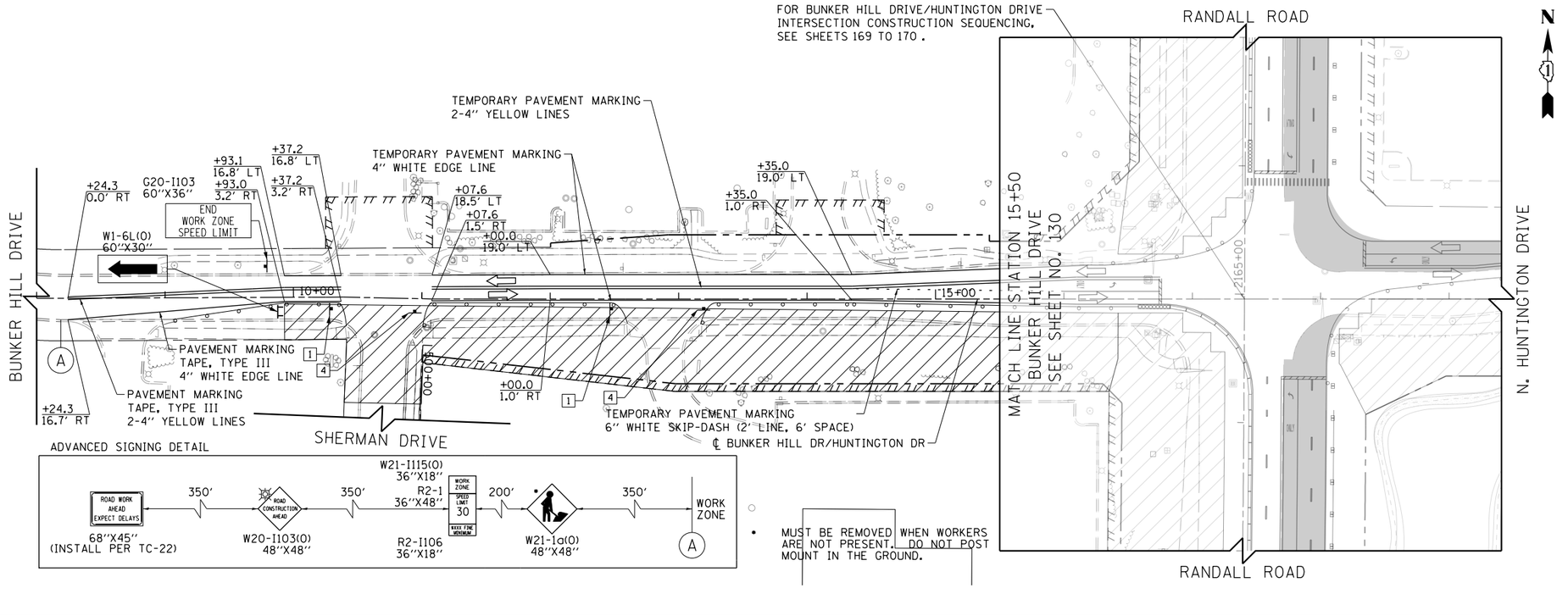
USER NAME = mrciss	DESIGNED - WBL	REVISED -	
FILENAME = DINNNNN-sht-staging-1-9.dgn	DRAWN - MKW	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - RCB	REVISED -	
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -	

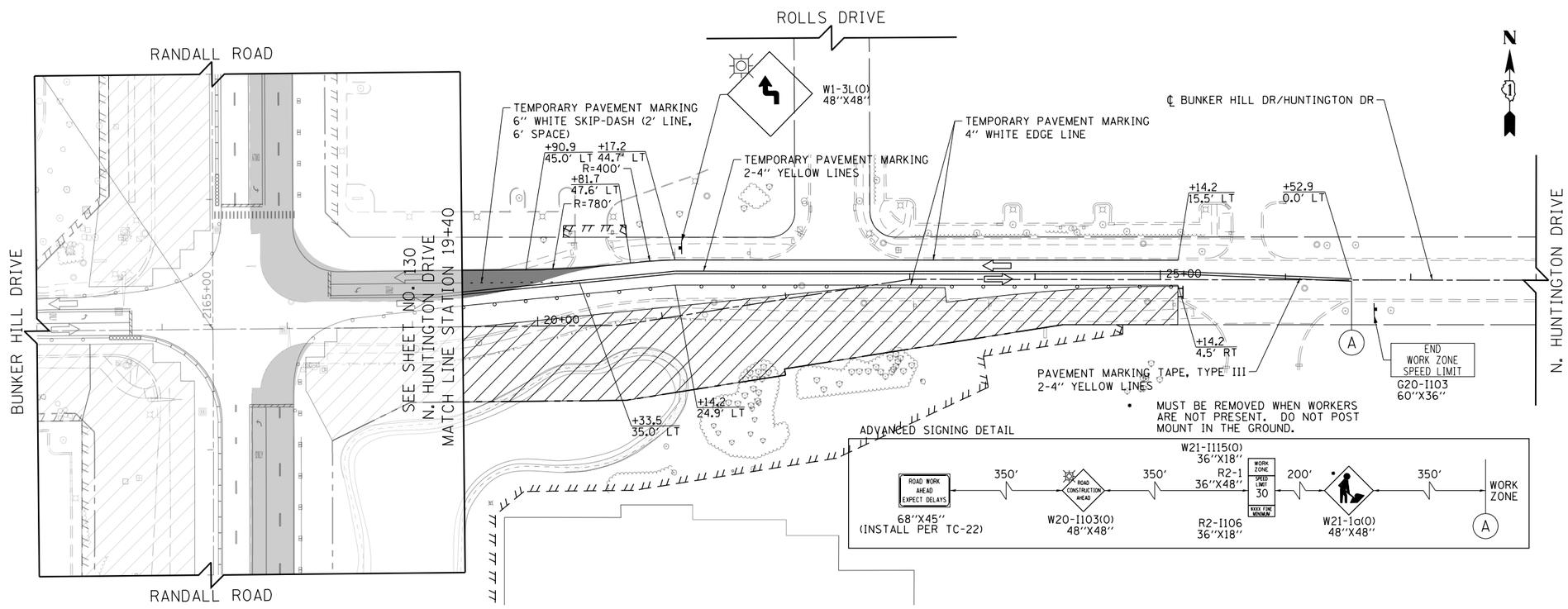
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
ALGONQUIN ROAD STAGE 1

SCALE: 1" = 50' | SHEET 7 OF 12 SHEETS | STA 1353+00 | TO STA 1368+95.01

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	134
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			





LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT
- ARROW BOARD
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONO-DIRECTIONAL FLASHING LIGHT
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
- DIRECTION OF TRAFFIC FLOW

1	DRIVEWAY ENTRANCE →	30" X 30" SEE TC-26
2	DRIVEWAY ENTRANCE ←	30" X 30" SEE TC-26
3		R3-2 24" X 24"
4	STOP	R1-1 36" X 36"
5	STOP HERE ON RED	R10-6a 24" X 36"
6	ONE WAY →	R6-1R 36" X 12"

Tran Systems

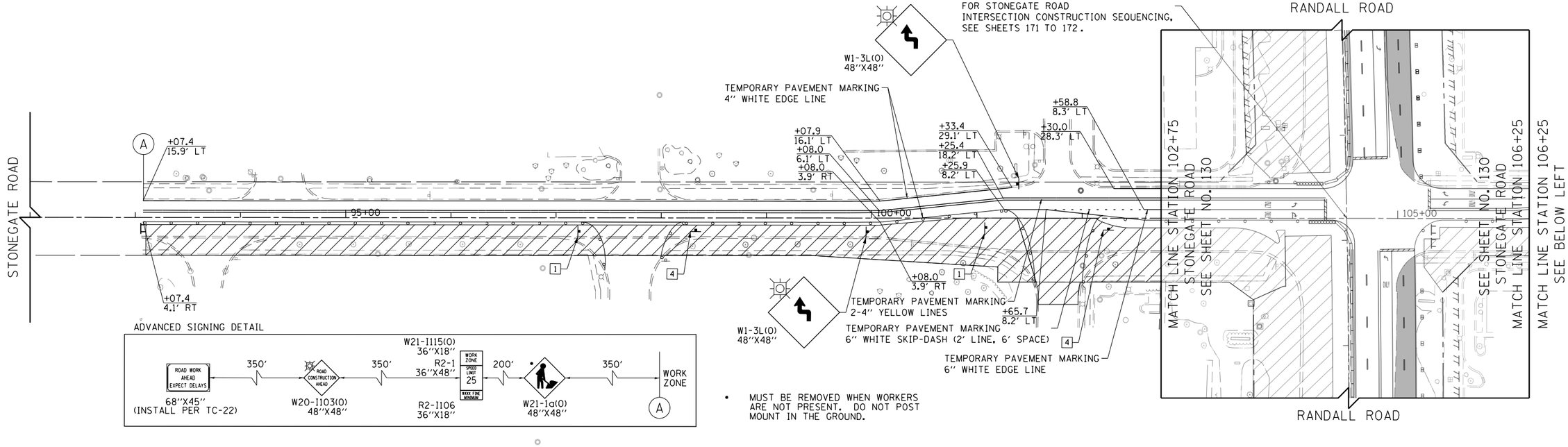
USER NAME = mroiss	DESIGNED - WBL	REVISED -	
FILENAME = DINNNNN-sht-staging-1-10.dgn	DRAWN - MKW	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - RCB	REVISED -	
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -	

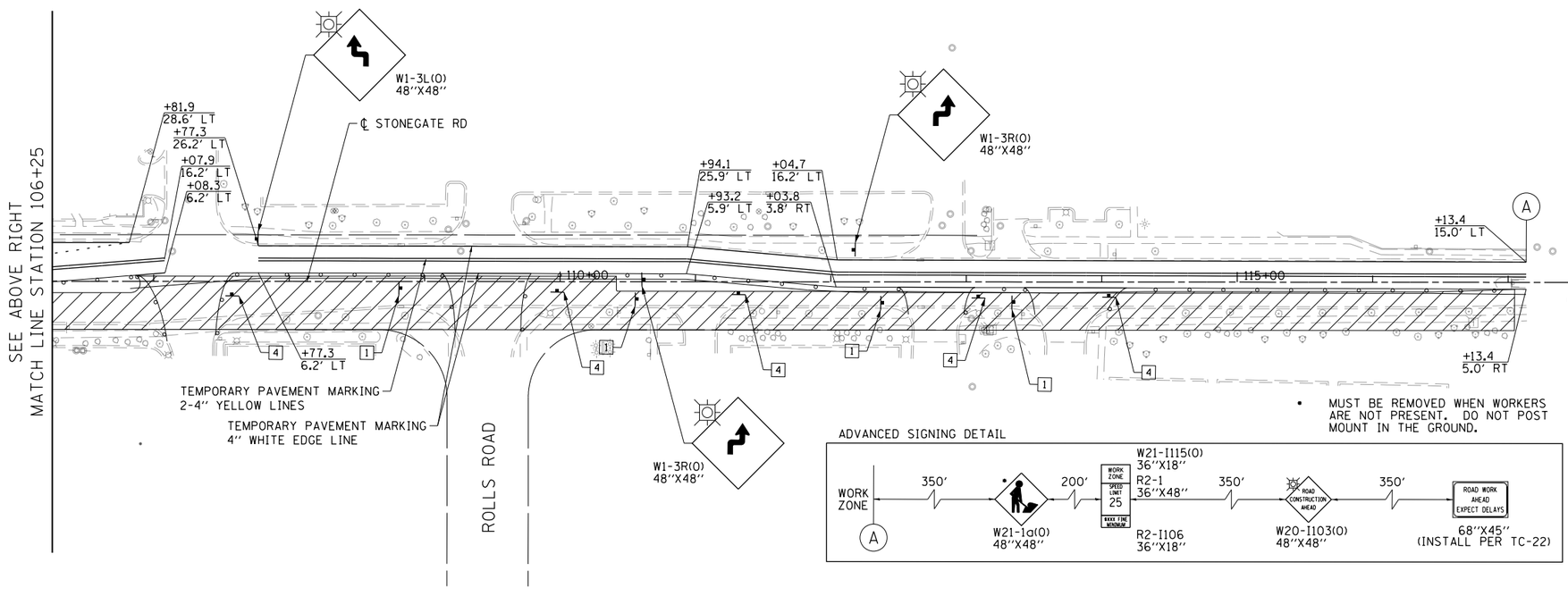
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
BUNKER HILL /HUNTINGTON DRIVE STAGE 1

SCALE: 1" = 50' | SHEET 8 OF 12 SHEETS | STA 8+00 | TO STA 28+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	135
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			





LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT
- ARROW BOARD
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONO-DIRECTIONAL FLASHING LIGHT
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
- DIRECTION OF TRAFFIC FLOW

1	DRIVEWAY ENTRANCE →	30" X 30"	SEE TC-26
2	DRIVEWAY ENTRANCE ←	30" X 30"	SEE TC-26
3		R3-2	24" X 24"
4	STOP	R1-1	36" X 36"
5	STOP HERE ON RED	R10-6a	24" X 36"
6	ONE WAY →	R6-1R	36" X 12"

Tran Systems

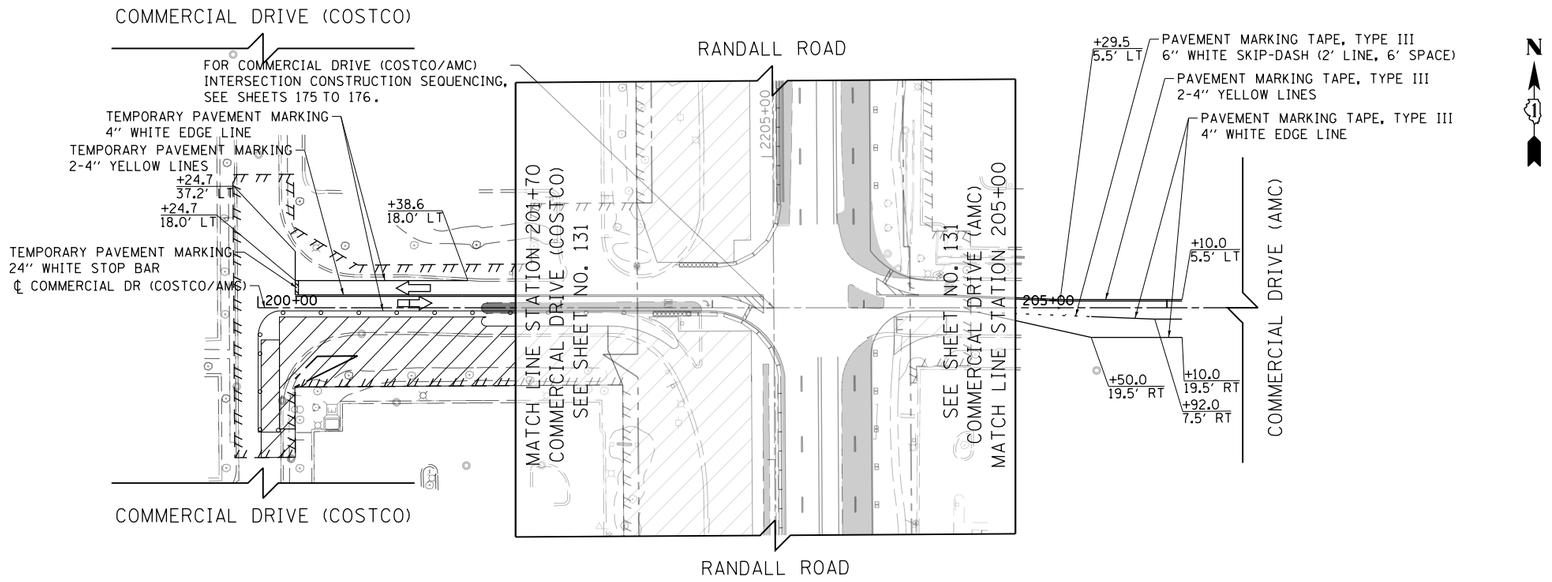
USER NAME = mrciss	DESIGNED - WBL	REVISED -	
FILENAME = DINNNNN-sht-staging-1-11.dgn	DRAWN - MKW	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - RCB	REVISED -	
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
STONEGATE ROAD STAGE 1

SCALE: 1" = 50' | SHEET 9 OF 12 SHEETS | STA 100+00 TO STA 109+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	136
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			



LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT
- ARROW BOARD
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONO-DIRECTIONAL FLASHING LIGHT
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
- DIRECTION OF TRAFFIC FLOW

1	DRIVEWAY ENTRANCE →	30" X 30" SEE TC-26
2	DRIVEWAY ENTRANCE ←	30" X 30" SEE TC-26
3		R3-2 24" X 24"
4	STOP	R1-1 36" X 36"
5	STOP HERE ON RED	R10-6a 24" X 36"
6	ONE WAY →	R6-1R 36" X 12"

Tran Systems

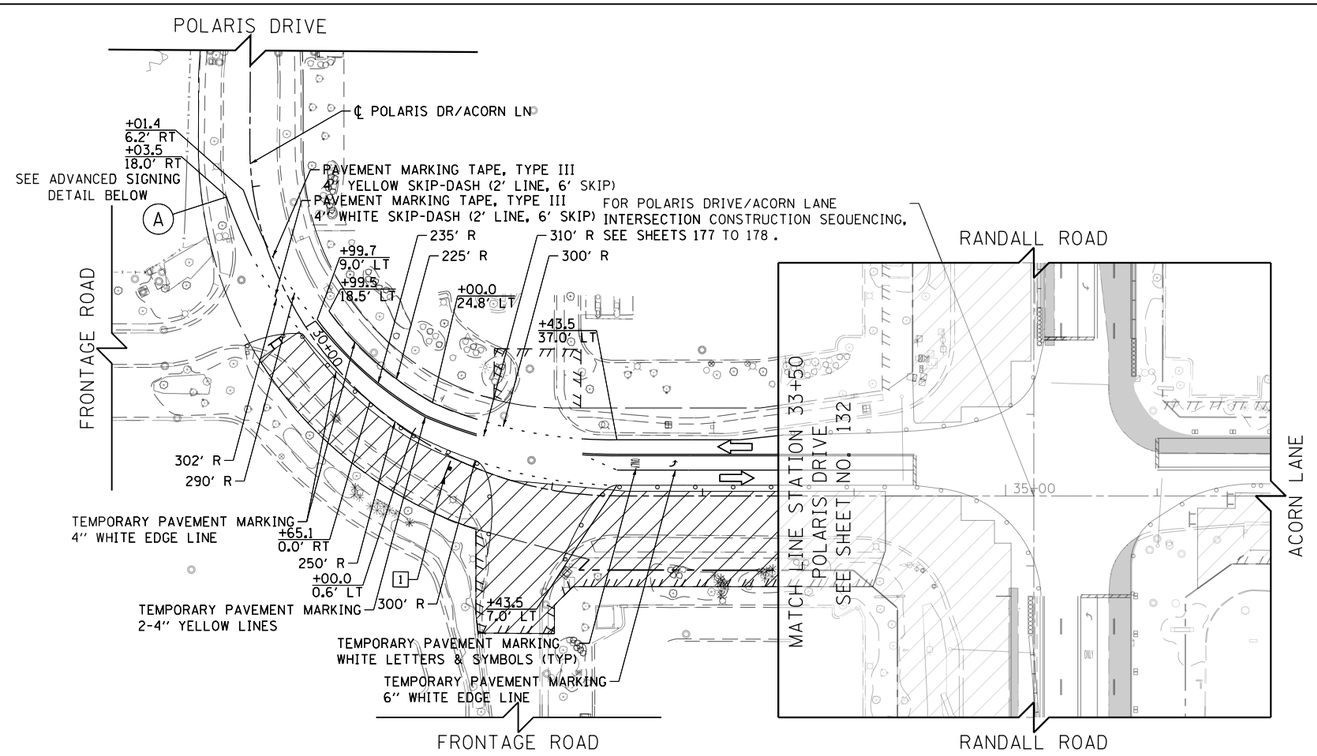
USER NAME = mroiss	DESIGNED - WBL	REVISED -	
FILENAME = DINNNNN-sht-staging-1-12.dgn	DRAWN - MKW	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - RCB	REVISED -	
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -	

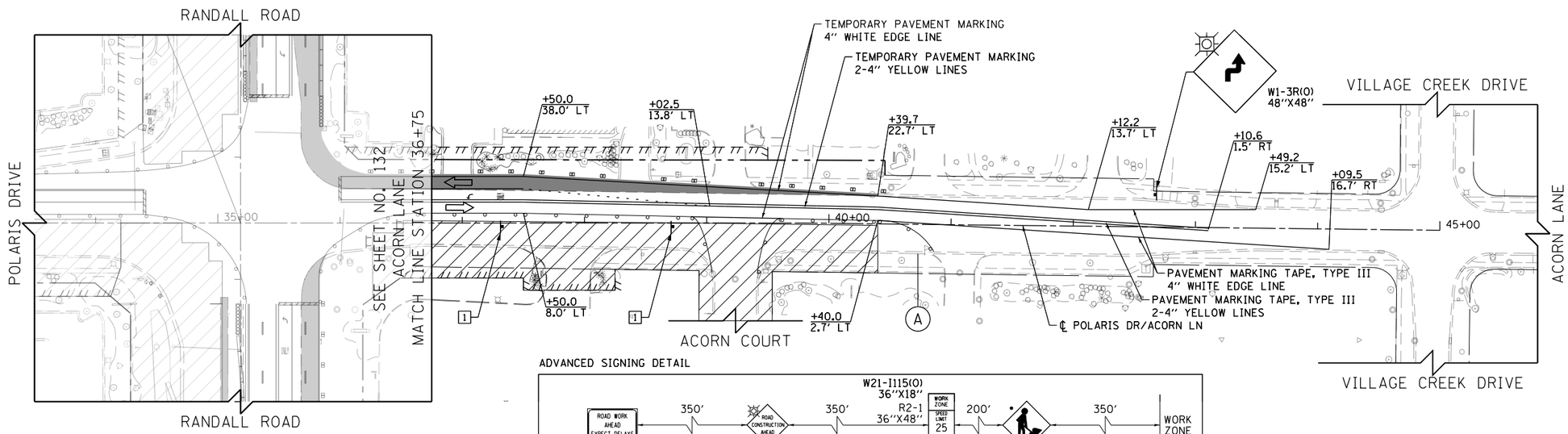
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
COMMERCIAL DRIVE (COSTCO/AMC) STAGE 1

SCALE: 1" = 50' | SHEET 10 OF 12 SHEETS | STA 200+00 TO STA 206+50

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	137
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			





ADVANCED SIGNING DETAIL

- MUST BE REMOVED WHEN WORKERS ARE NOT PRESENT. DO NOT POST MOUNT IN THE GROUND.

LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT
- ARROW BOARD
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONO-DIRECTIONAL FLASHING LIGHT
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
- DIRECTION OF TRAFFIC FLOW

1	DRIVEWAY ENTRANCE →	30" X 30" SEE TC-26
2	DRIVEWAY ENTRANCE ←	30" X 30" SEE TC-26
3	R3-2	24" X 24"
4	STOP	R1-1 36" X 36"
5	STOP HERE ON RED	R10-6a 24" X 36"
6	ONE WAY →	R6-1R 36" X 12"

Tran Systems

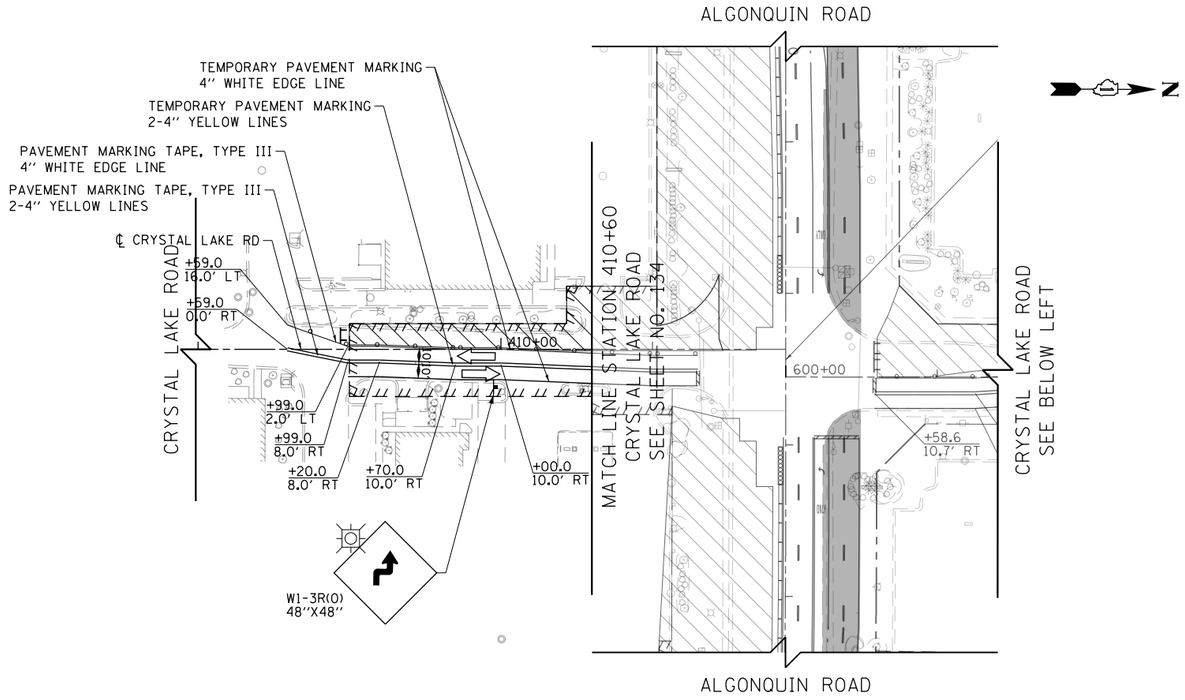
USER NAME = mrciss	DESIGNED - WBL	REVISED -	
FILENAME = DINNNNN-sht-staging-1-13.dgn	DRAWN - MKW	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - RCB	REVISED -	
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -	

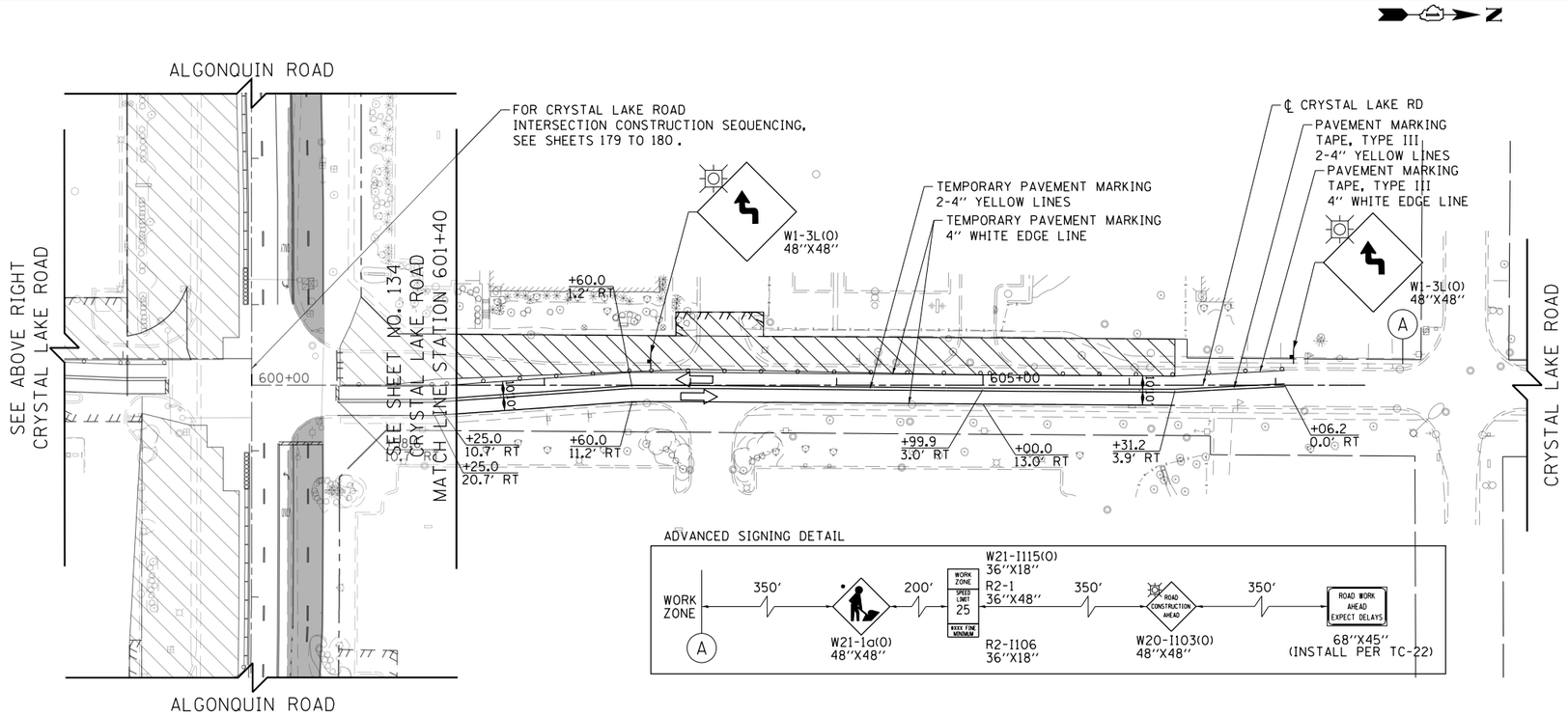
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
POLARIS DRIVE /ACORN LANE STAGE 1

SCALE: 1" = 50' | SHEET 11 OF 12 SHEETS | STA 28+00 | TO STA 41+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	138
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			





LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT
- ARROW BOARD
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONO-DIRECTIONAL FLASHING LIGHT
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
- DIRECTION OF TRAFFIC FLOW

1	DRIVEWAY ENTRANCE →	30" X 30" SEE TC-26
2	DRIVEWAY ENTRANCE ←	30" X 30" SEE TC-26
3		R3-2 24" X 24"
4	STOP	R1-1 36" X 36"
5	STOP HERE ON RED	R10-6a 24" X 36"
6	ONE WAY →	R6-1R 36" X 12"

Tran Systems

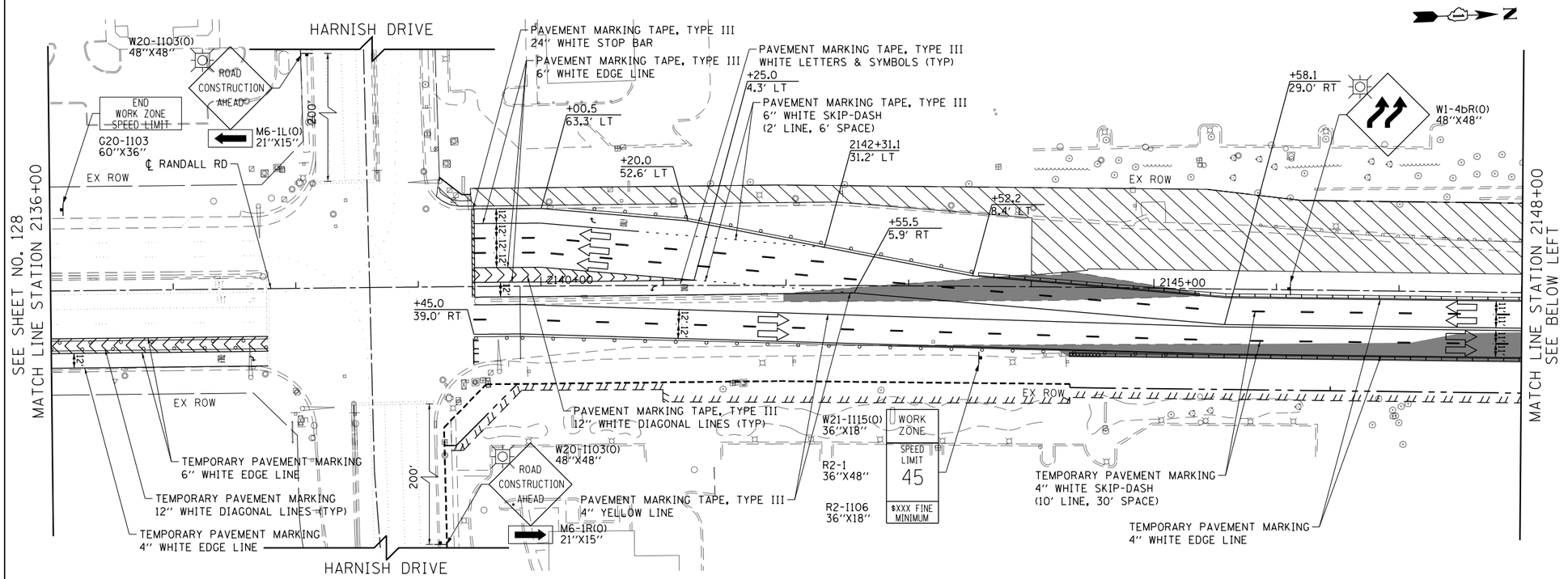
USER NAME = mrciss	DESIGNED - WBL	REVISED -
FILENAME = DINNNNN-sht-staging-1-14.dgn	DRAWN - MKW	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - RCB	REVISED -
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

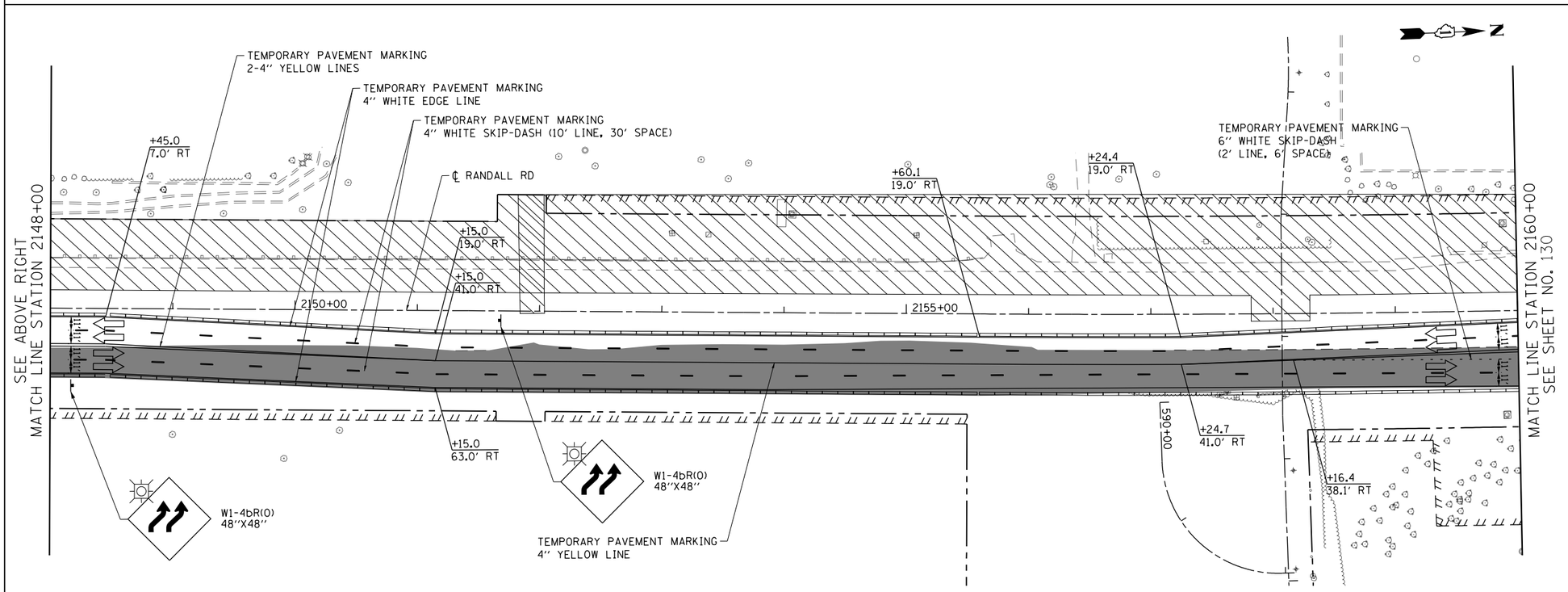
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
CRYSTAL LAKE ROAD STAGE 1

SCALE: 1" = 50' | SHEET 12 OF 12 SHEETS | STA 408+00 | TO STA 607+50

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	139
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			





LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT
- ARROW BOARD
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONO-DIRECTIONAL FLASHING LIGHT
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
- DIRECTION OF TRAFFIC FLOW

1	DRIVEWAY ENTRANCE →	30" X 30" SEE TC-26
2	DRIVEWAY ENTRANCE ←	30" X 30" SEE TC-26
3		R3-2 24" X 24"
4	STOP	R1-1 36" X 36"
5	STOP HERE ON RED	R10-6a 24" X 36"
6	ONE WAY →	R6-1R 36" X 12"

Tran Systems

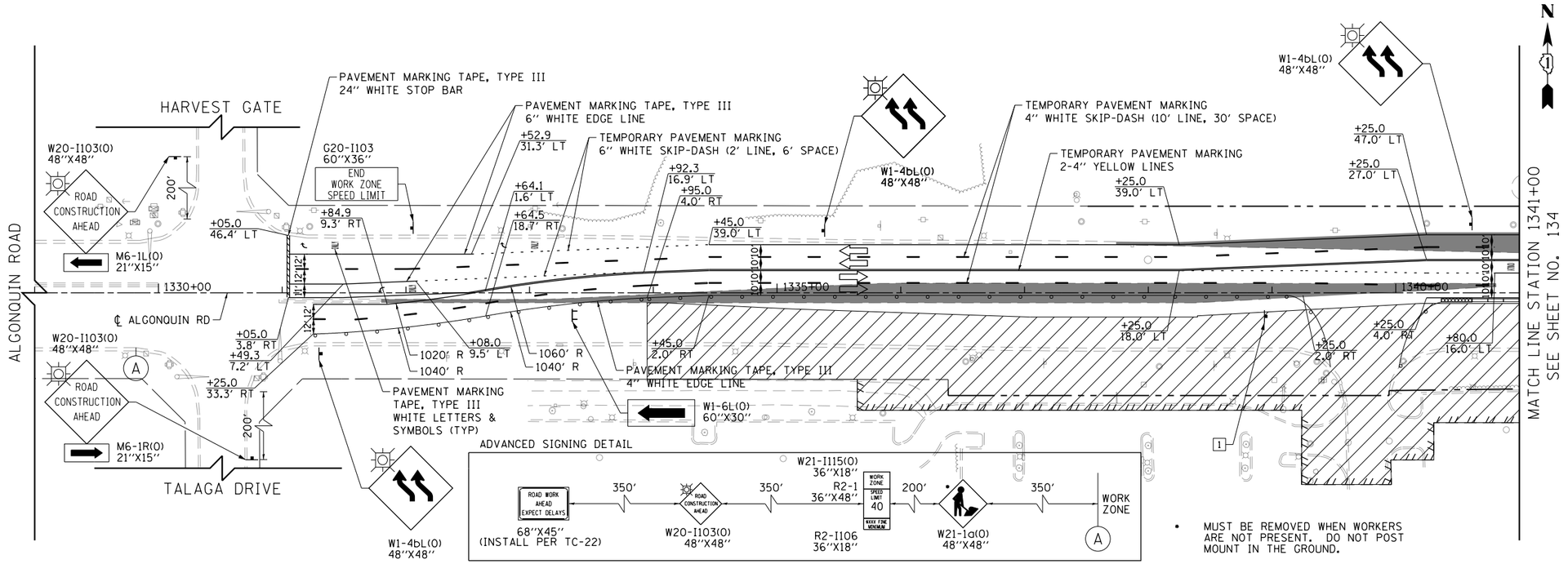
USER NAME = mrciss	DESIGNED - WBL	REVISED -	
FILENAME = DINNNNN-sht-staging-1-1.dgn	DRAWN - MKW	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - RCB	REVISED -	
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
RANDALL ROAD STAGE 1A

SCALE: 1" = 50' | SHEET 1 OF 2 SHEETS | STA 2136+00 | TO STA 2160+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	140
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			



LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT
- ARROW BOARD
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONO-DIRECTIONAL FLASHING LIGHT
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
- DIRECTION OF TRAFFIC FLOW

1	DRIVEWAY ENTRANCE →	30" X 30" SEE TC-26
2	DRIVEWAY ENTRANCE ←	30" X 30" SEE TC-26
3		R3-2 24" X 24"
4	STOP	R1-1 36" X 36"
5	STOP HERE ON RED	R10-6a 24" X 36"
6	ONE WAY →	R6-1R 36" X 12"

TranSystems

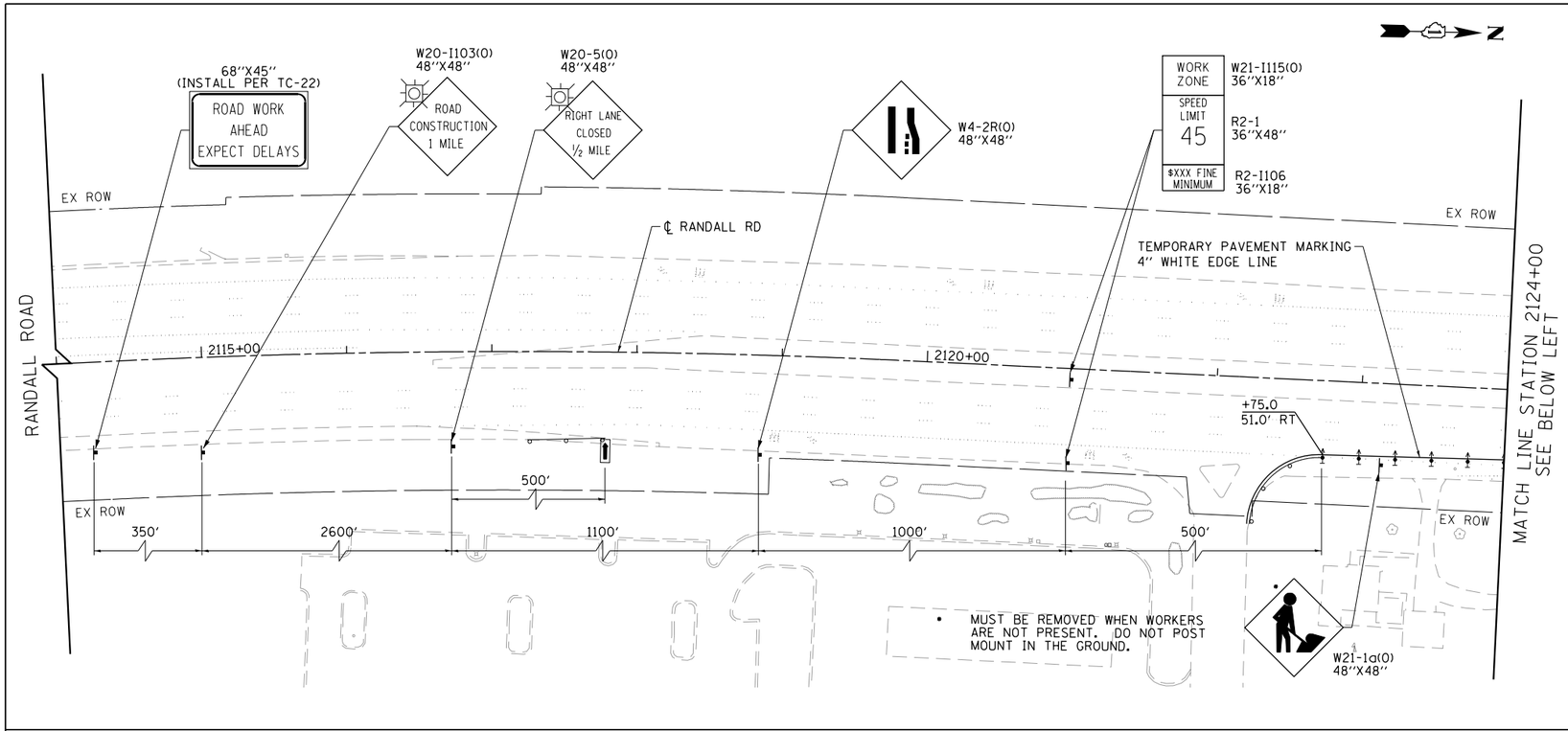
USER NAME = mroiss	DESIGNED - WBL	REVISED -	
FILENAME = DINNNNN-sht-staging-1-8.dgn	DRAWN - MKW	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - RCB	REVISED -	
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -	

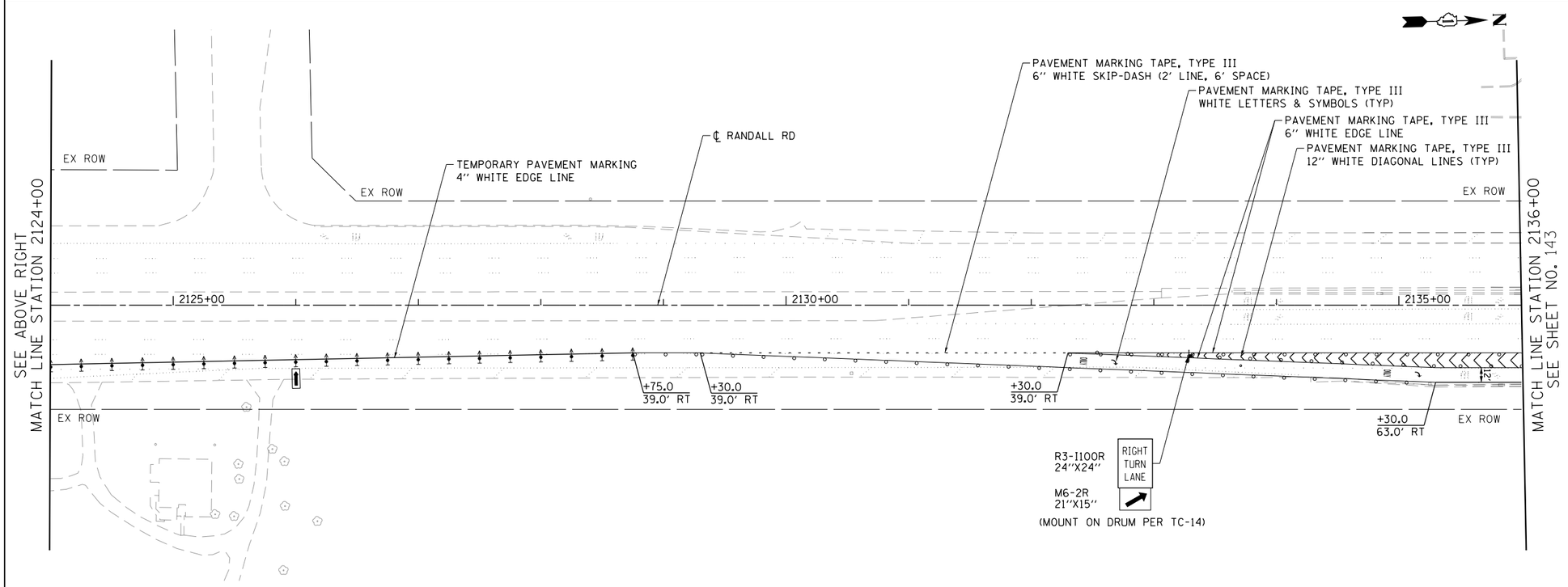
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
ALGONQUIN STAGE 1A

SCALE: 1" = 50' | SHEET 2 OF 2 SHEETS | STA 1334+00 TO STA 1353+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	141
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			





LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT
- ARROW BOARD
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONO-DIRECTIONAL FLASHING LIGHT
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
- DIRECTION OF TRAFFIC FLOW

1. DRIVEWAY ENTRANCE — 30" X 30" SEE TC-26
2. DRIVEWAY ENTRANCE — 30" X 30" SEE TC-26
3. R3-2 — 24" X 24"
4. STOP — R1-1 — 36" X 36"
5. STOP HERE ON RED — R10-6a — 24" X 36"
6. ONE WAY — R6-1R — 36" X 12"

Tran Systems

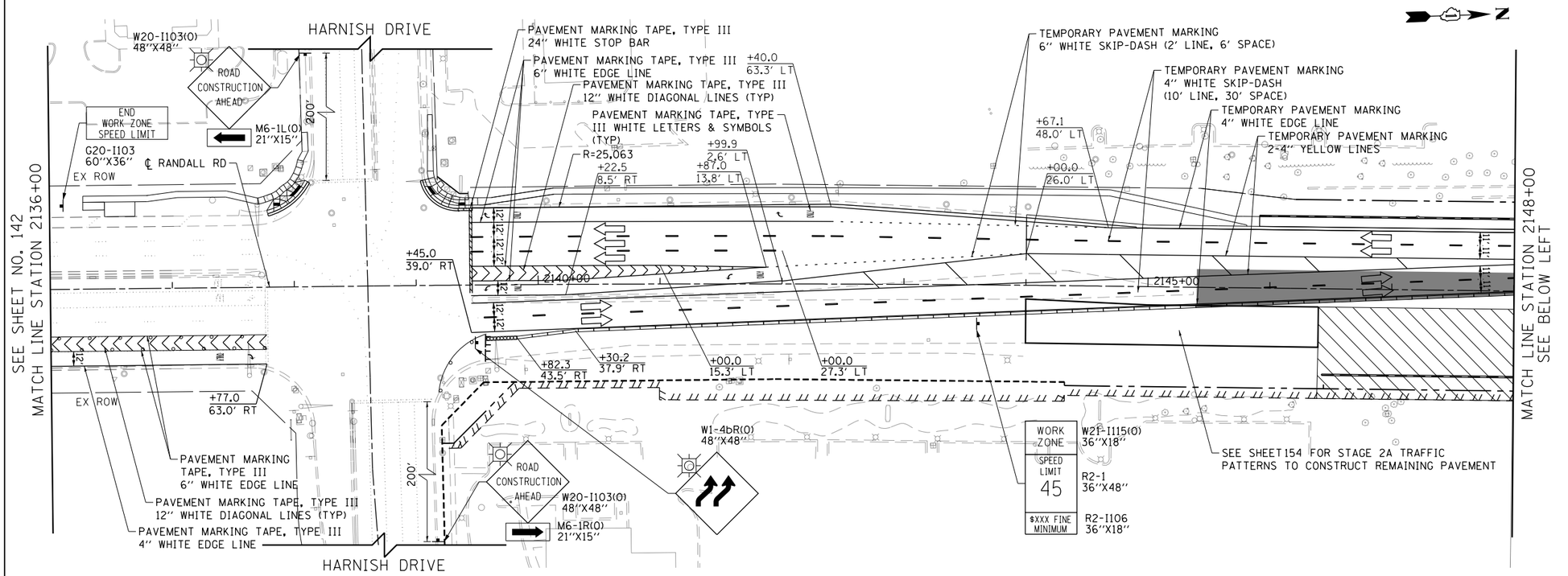
USER NAME = mrciss	DESIGNED - WBL	REVISED -
FILENAME = DINNNNN-sht-staging-2-A.dgn	DRAWN - MKW	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - RCB	REVISED -
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

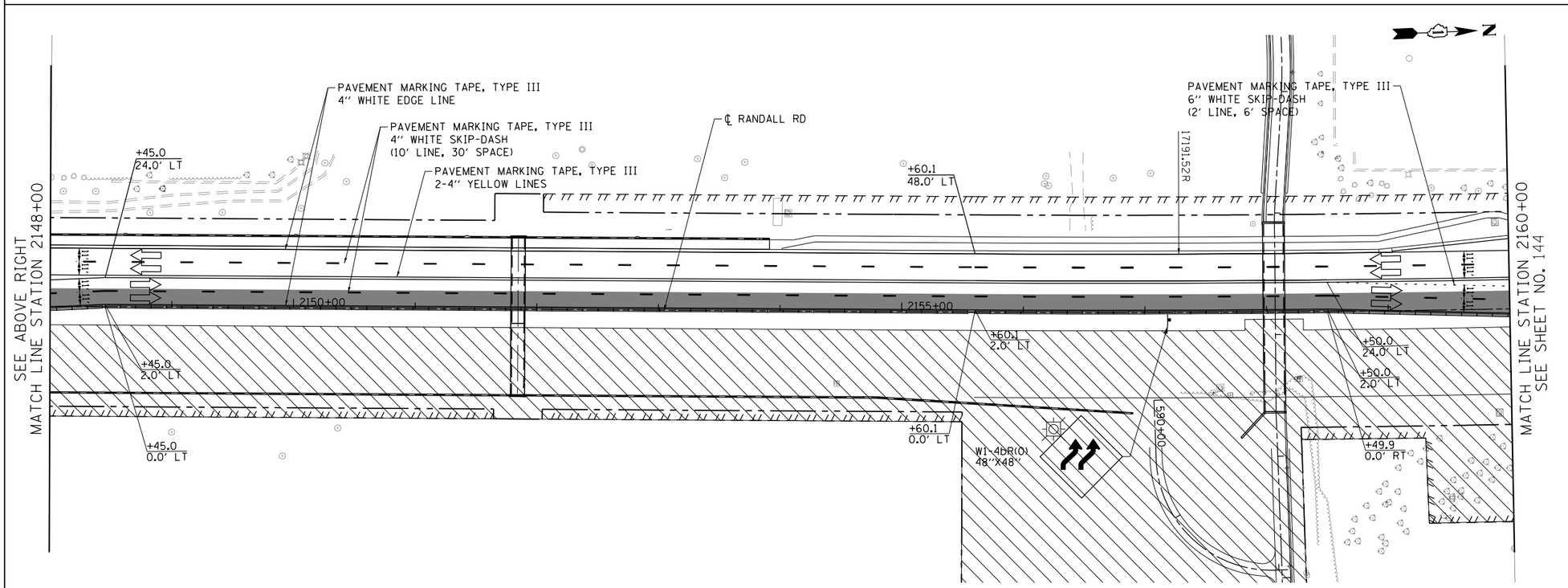
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
RANDALL ROAD STAGE 2

SCALE: 1" = 50' | SHEET 1 OF 13 SHEETS | STA 2114+00 | TO STA 2136+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	142
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			





LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT
- ARROW BOARD
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONO-DIRECTIONAL FLASHING LIGHT
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
- DIRECTION OF TRAFFIC FLOW

1	DRIVEWAY ENTRANCE →	30" X 30" SEE TC-26
2	DRIVEWAY ENTRANCE ←	30" X 30" SEE TC-26
3		R3-2 24" X 24"
4	STOP	R1-1 36" X 36"
5	STOP HERE ON RED	R10-6a 24" X 36"
6	ONE WAY →	R6-1R 36" X 12"

USER NAME = mrciss	DESIGNED - WBL		REVISED -
FILENAME = DINNNNN-sht-staging-2-1.dgn	DRAWN - MKW		REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - RCB		REVISED -
PLOT DATE = 4/25/2018	DATE - 4-26-2018		REVISED -

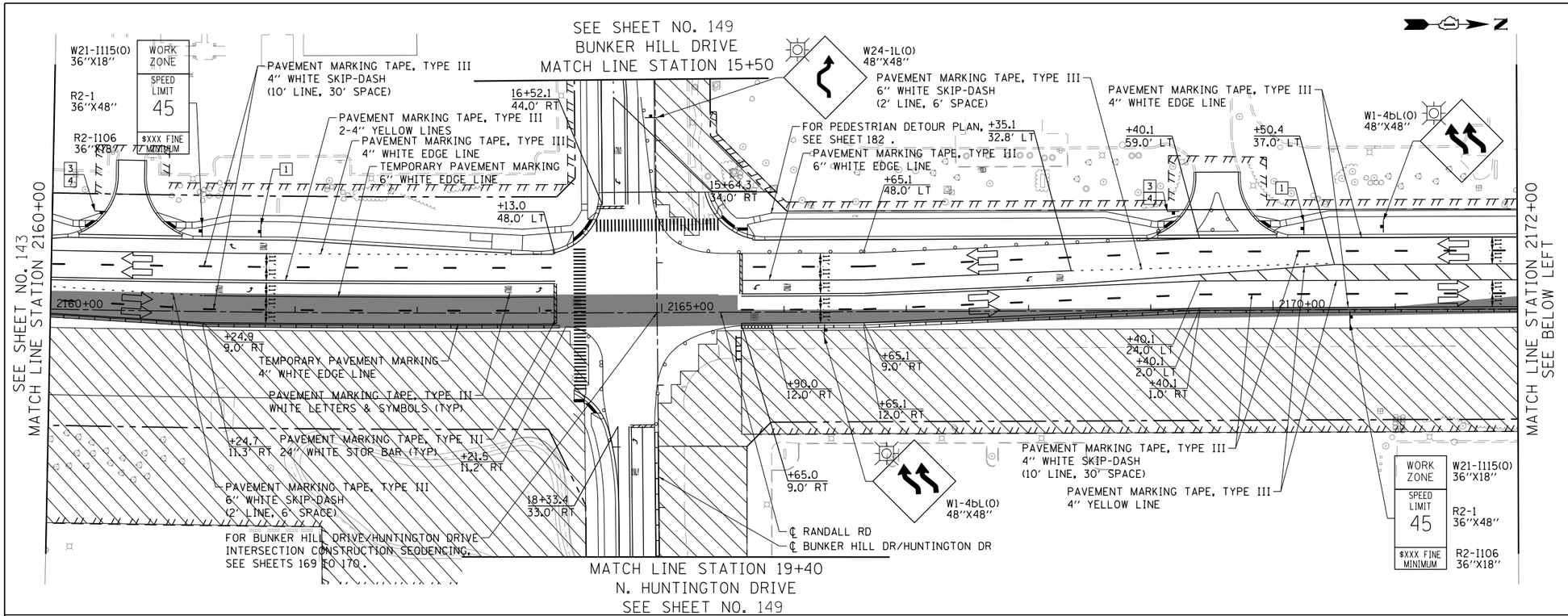
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

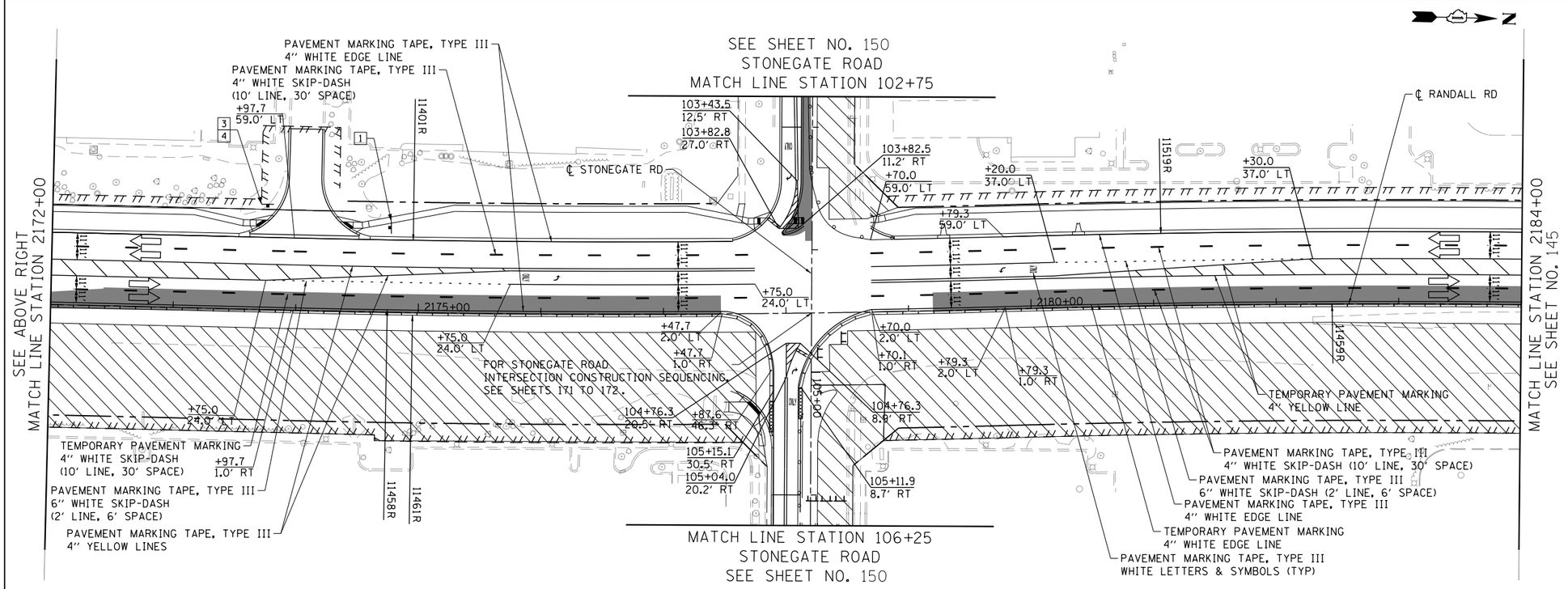
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
RANDALL ROAD STAGE 2

SCALE: 1" = 50' | SHEET 2 OF 13 SHEETS | STA 2136+00 | TO STA 2160+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	143
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			

Tran Systems





LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT
- ARROW BOARD
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONO-DIRECTIONAL FLASHING LIGHT
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
- DIRECTION OF TRAFFIC FLOW

1	DRIVEWAY ENTRANCE →	30" X 30" SEE TC-26
2	DRIVEWAY ENTRANCE ←	30" X 30" SEE TC-26
3	R3-2	24" X 24"
4	STOP	R1-1 36" X 36"
5	STOP HERE ON RED	R10-6a 24" X 36"
6	ONE WAY →	R6-1R 36" X 12"

Trans Systems

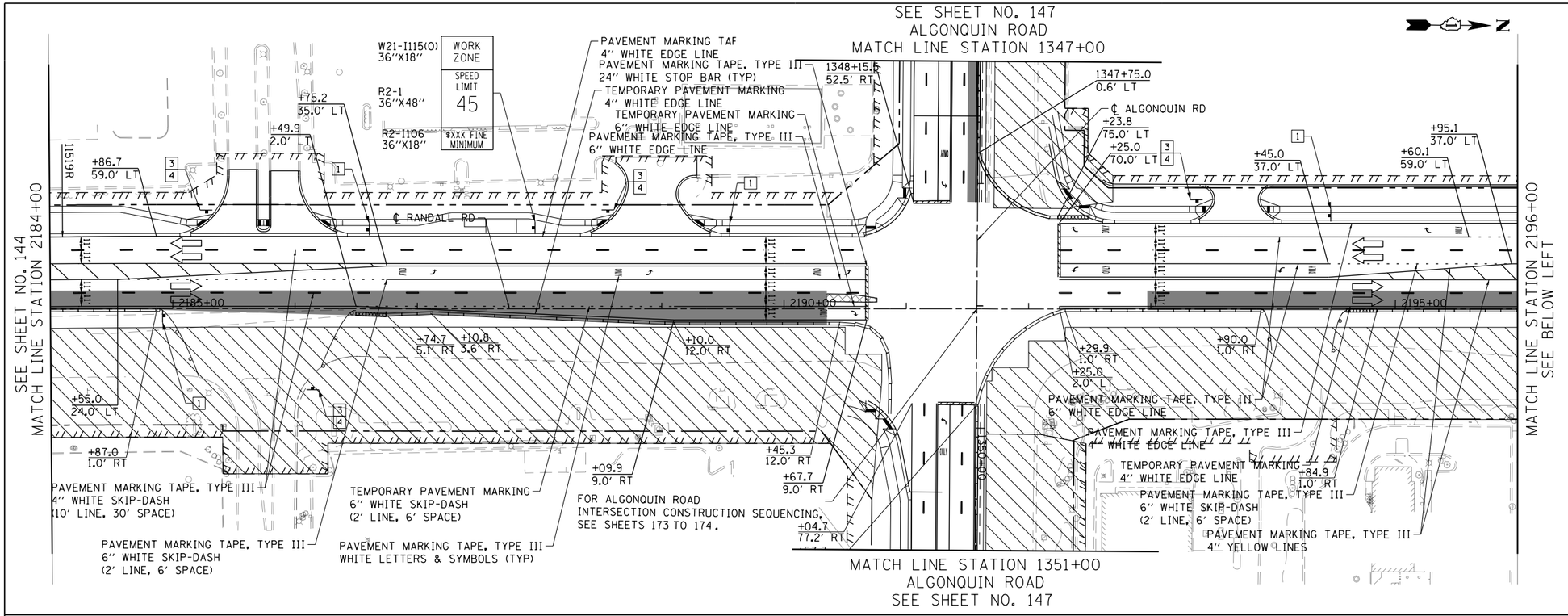
USER NAME = mroiss	DESIGNED - WBL	REVISED -
FILENAME = DINNNNN-sht-staging-2-2.dgn	DRAWN - MKW	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - RCB	REVISED -
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

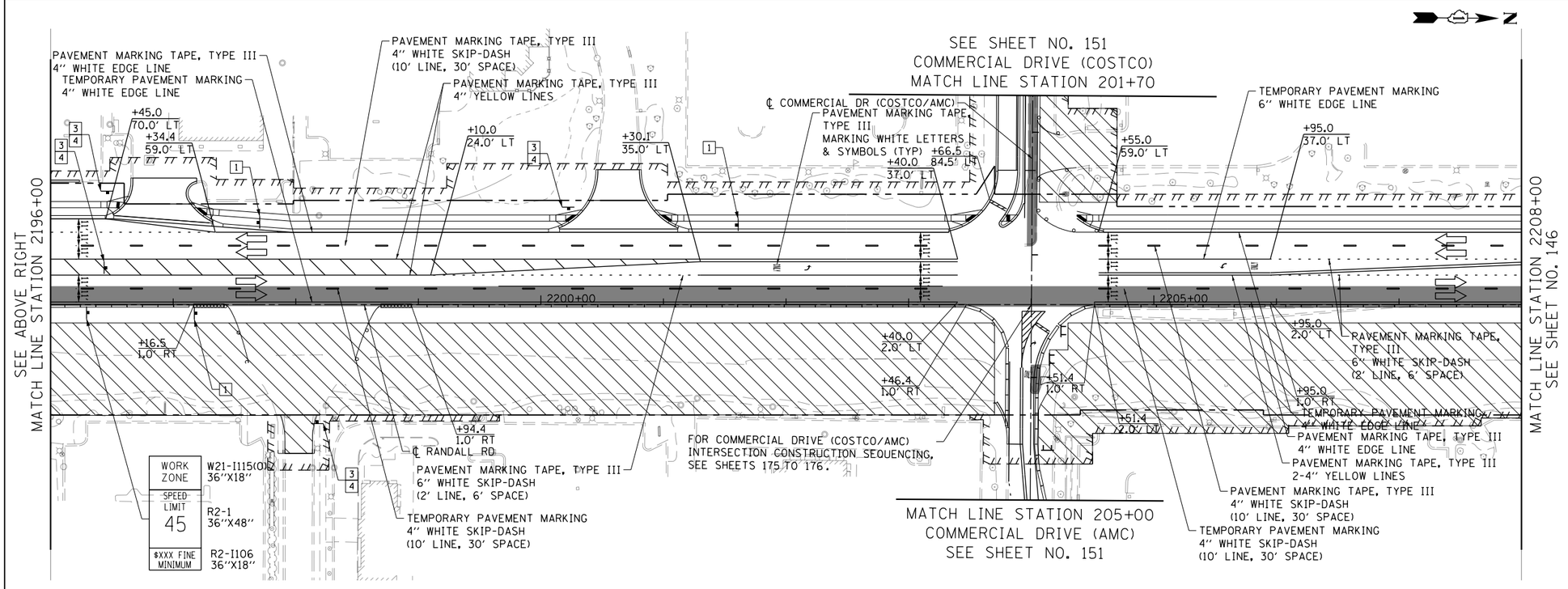
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
RANDALL ROAD STAGE 2

SCALE: 1" = 50' | SHEET 3 OF 13 SHEETS | STA 2160+00 | TO STA 2184+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	144
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			





LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT
- ARROW BOARD
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONO-DIRECTIONAL FLASHING LIGHT
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
- DIRECTION OF TRAFFIC FLOW

1	DRIVEWAY ENTRANCE →	30" X 30" SEE TC-26
2	DRIVEWAY ENTRANCE ←	30" X 30" SEE TC-26
3	R3-2	24" X 24"
4	STOP	R1-1 36" X 36"
5	STOP HERE ON RED	R10-6a 24" X 36"
6	ONE WAY →	R6-1R 36" X 12"

USER NAME = mroiss	DESIGNED - WBL		REVISED -
FILENAME = DINNNNN-sht-staging-2-3.dgn	DRAWN - MKW		REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - RCB		REVISED -
PLOT DATE = 4/25/2018	DATE - 4-26-2018		REVISED -

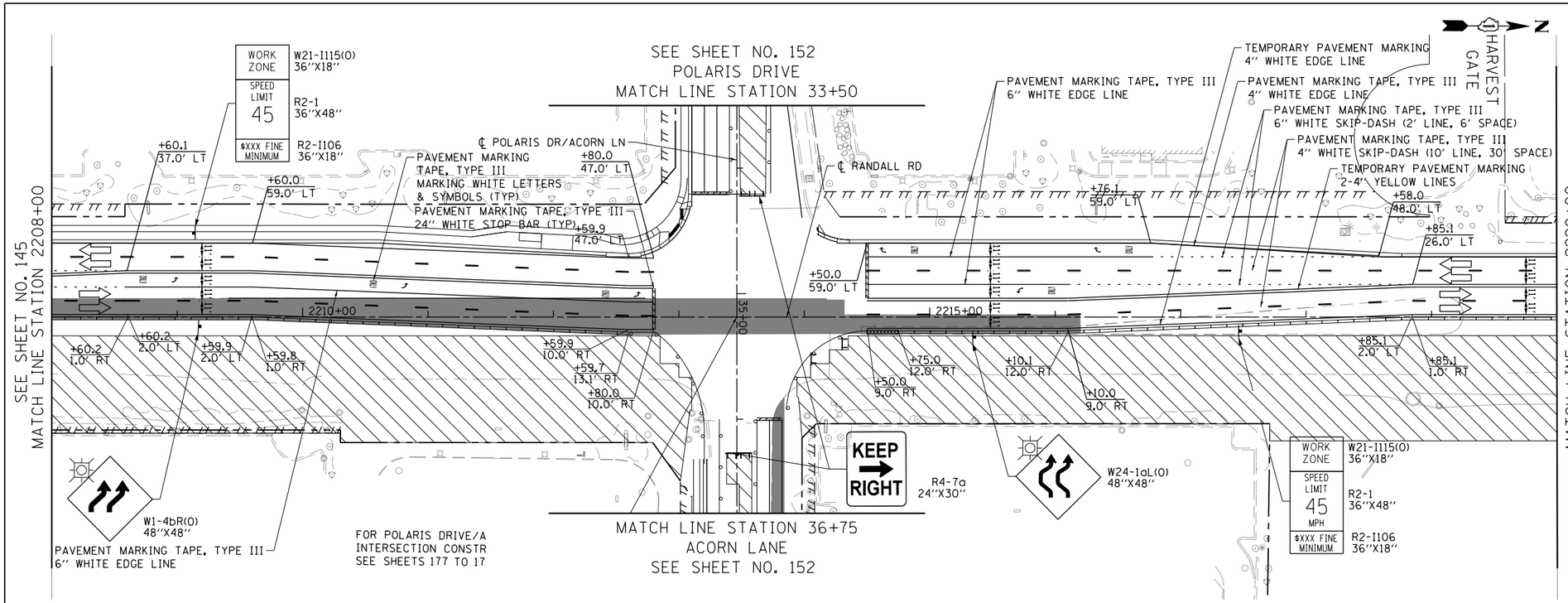
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

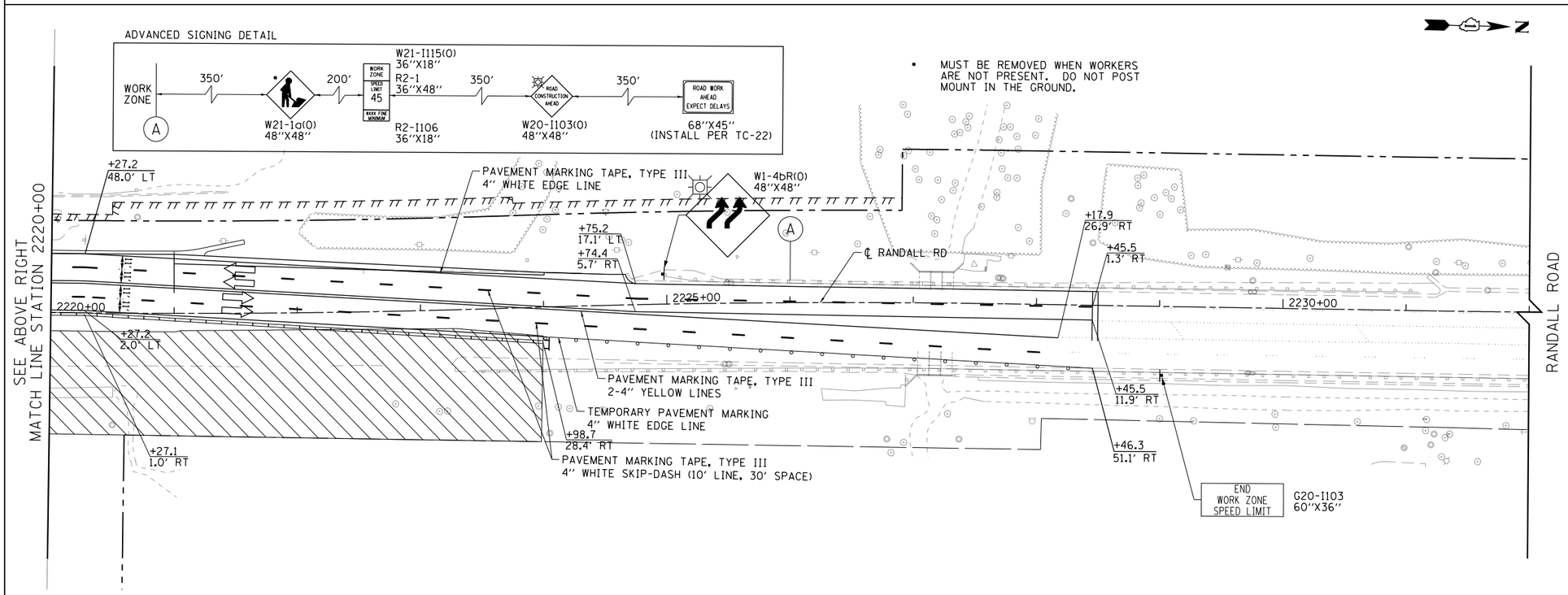
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
RANDALL ROAD STAGE 2

SCALE: 1" = 50' | SHEET 4 OF 13 SHEETS | STA 2184+00 TO STA 2208+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	145
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			

Tran Systems





LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT
- ARROW BOARD
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONO-DIRECTIONAL FLASHING LIGHT
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
- DIRECTION OF TRAFFIC FLOW

1	DRIVEWAY ENTRANCE →	30" X 30" SEE TC-26
2	DRIVEWAY ENTRANCE ←	30" X 30" SEE TC-26
3		R3-2 24" X 24"
4	STOP	R1-1 36" X 36"
5	STOP HERE ON RED	R10-6a 24" X 36"
6	ONE WAY →	R6-1R 36" X 12"

Tran Systems

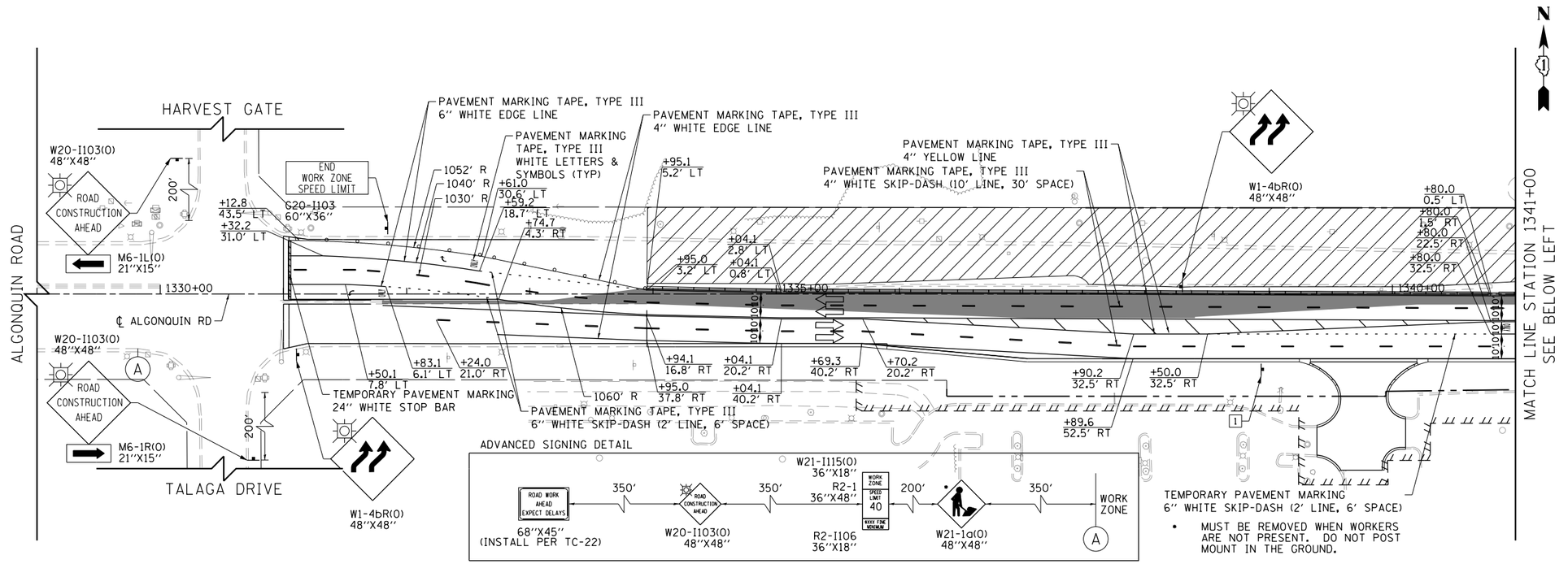
USER NAME = mrciss	DESIGNED - WBL	REVISED -
FILENAME = DINNNNN-sht-staging-2-4.dgn	DRAWN - MKW	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - RCB	REVISED -
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

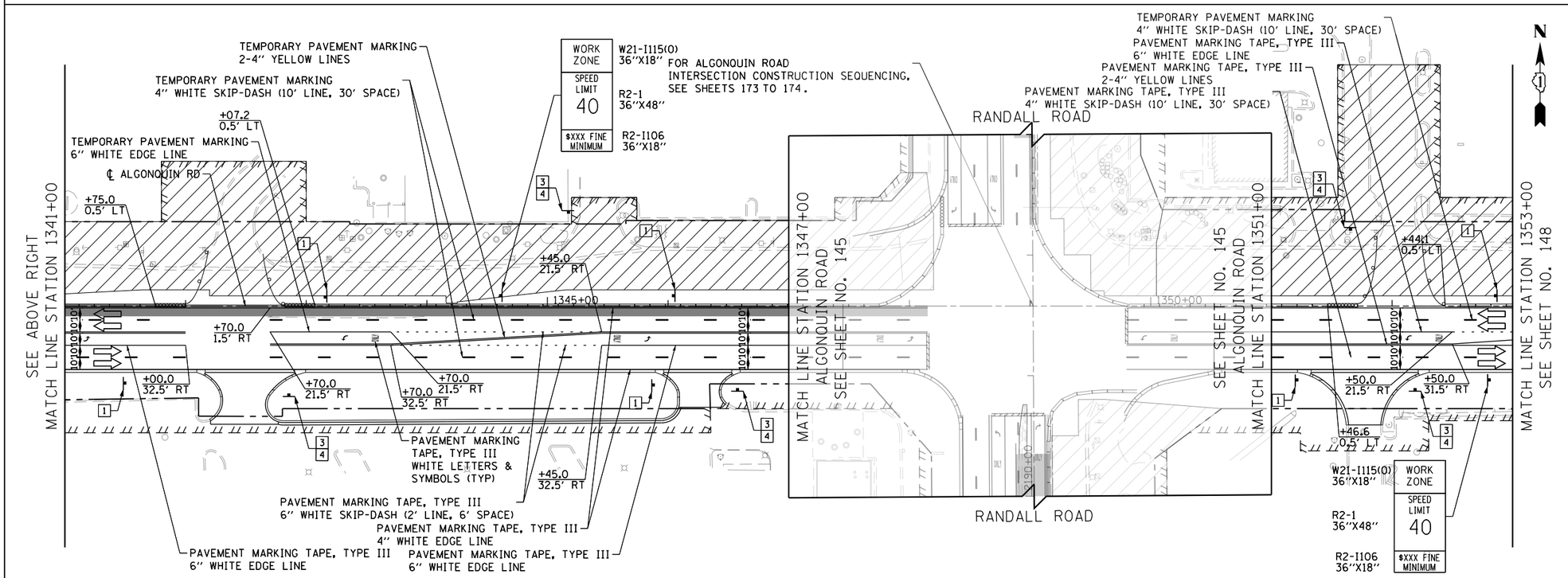
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
RANDALL ROAD STAGE 2

SCALE: 1" = 50' | SHEET 5 OF 13 SHEETS | STA 2208+00 | TO STA 2232+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	146
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			





LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT
- ARROW BOARD
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONO-DIRECTIONAL FLASHING LIGHT
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
- DIRECTION OF TRAFFIC FLOW

1	DRIVEWAY ENTRANCE →	30" X 30" SEE TC-26
2	DRIVEWAY ENTRANCE ←	30" X 30" SEE TC-26
3	R3-2	24" X 24"
4	STOP	R1-1 36" X 36"
5	STOP HERE ON RED	R10-6a 24" X 36"
6	ONE WAY →	R6-1R 36" X 12"

USER NAME = mrciss	DESIGNED - WBL	REVISED -	
FILENAME = DINNNNN-sht-staging-2-8.dgn	DRAWN - MKW	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - RCB	REVISED -	
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -	

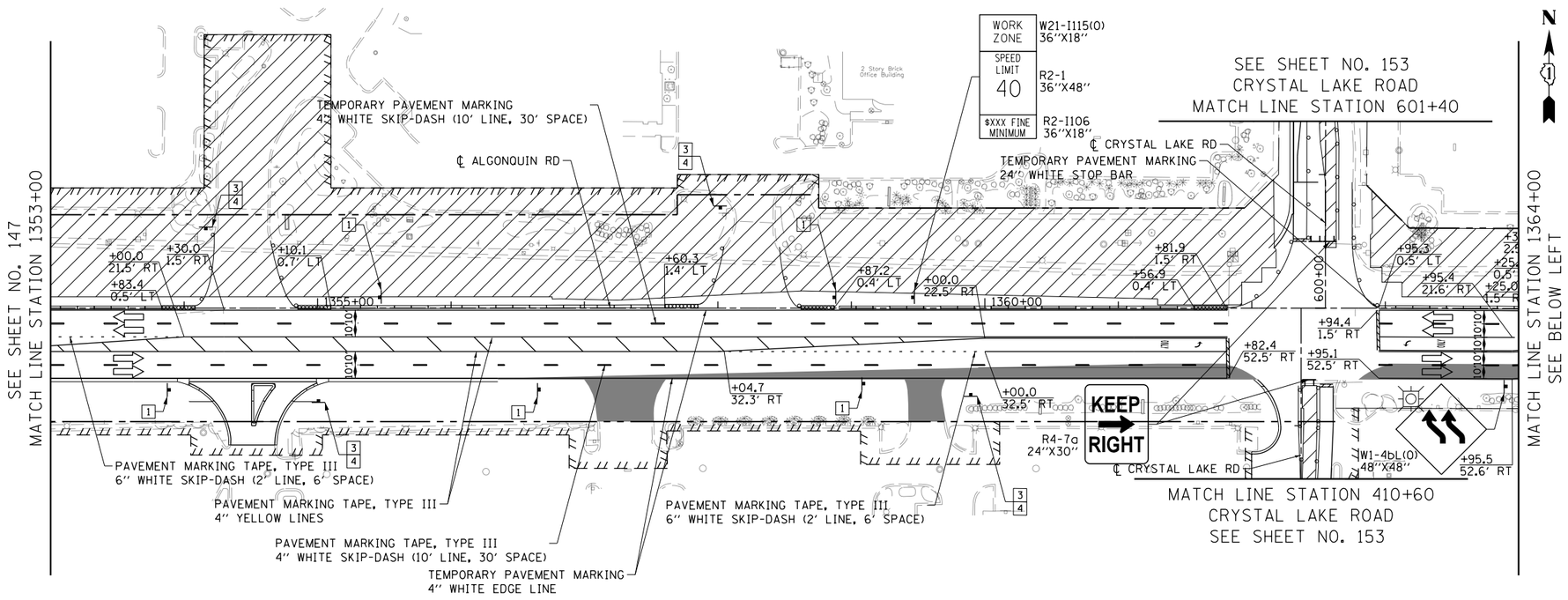
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

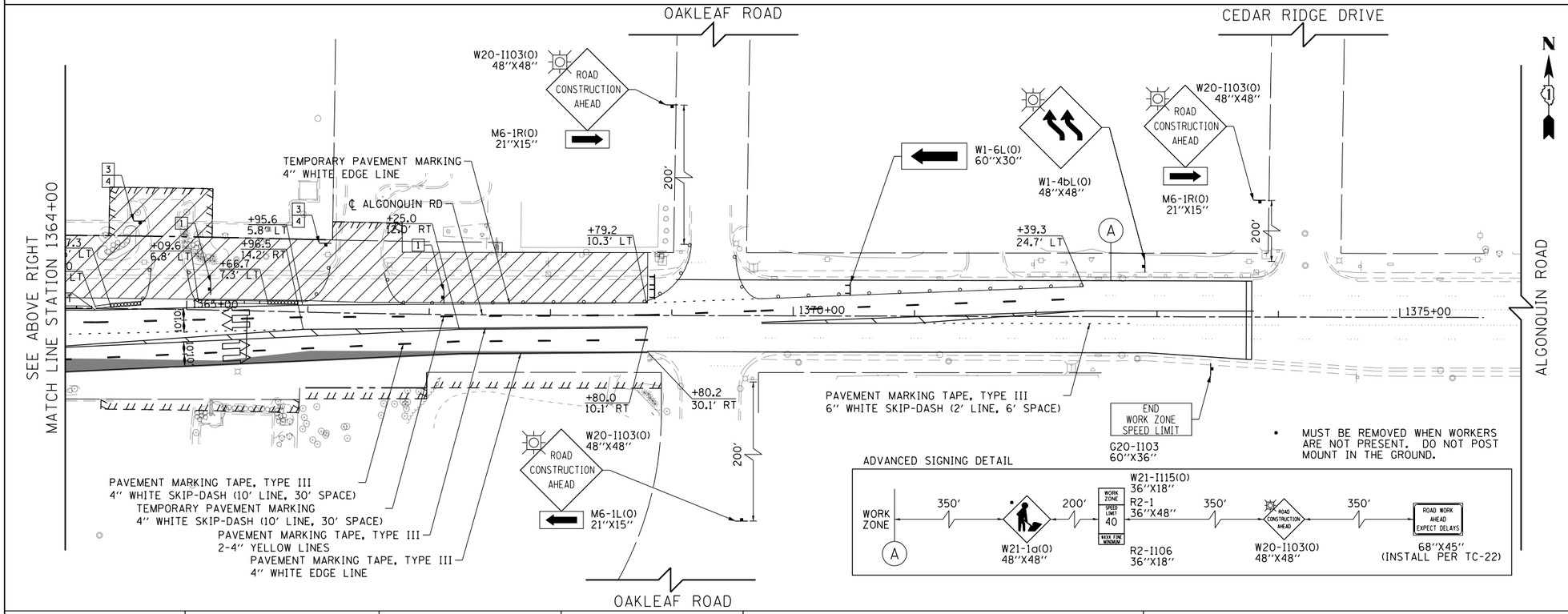
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
ALGONQUIN ROAD STAGE 2

SCALE: 1" = 50' | SHEET 6 OF 13 SHEETS | STA 1334+00 | TO STA 1353+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	147
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			

Trans Systems





LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT
- ARROW BOARD
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONO-DIRECTIONAL FLASHING LIGHT
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
- DIRECTION OF TRAFFIC FLOW

1	DRIVEWAY ENTRANCE →	30" X 30" SEE TC-26
2	DRIVEWAY ENTRANCE ←	30" X 30" SEE TC-26
3		R3-2 24" X 24"
4	STOP	R1-1 36" X 36"
5	STOP HERE ON RED	R10-6a 24" X 36"
6	ONE WAY →	R6-1R 36" X 12"

Tran Systems

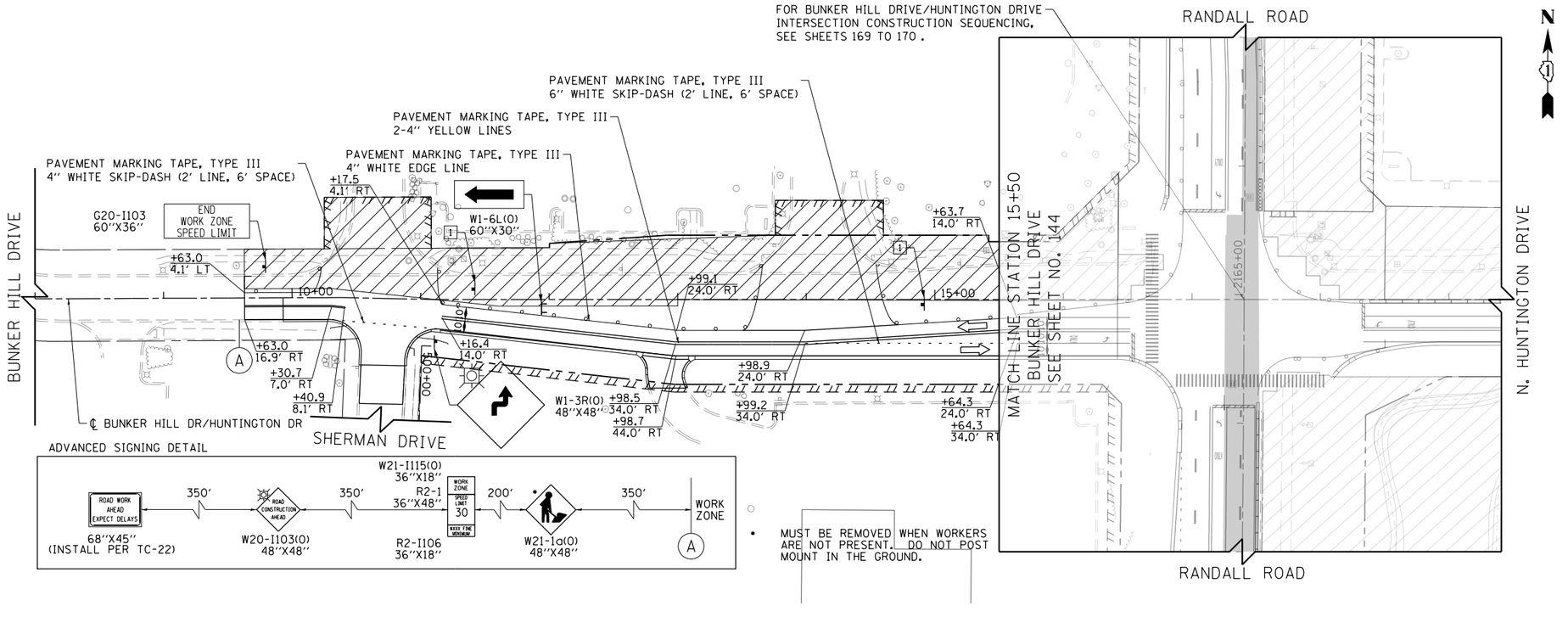
USER NAME = mroiss	DESIGNED - WBL	REVISED -	
FILENAME = DINNNNN-sht-staging-2-9.dgn	DRAWN - MKW	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - RCB	REVISED -	
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -	

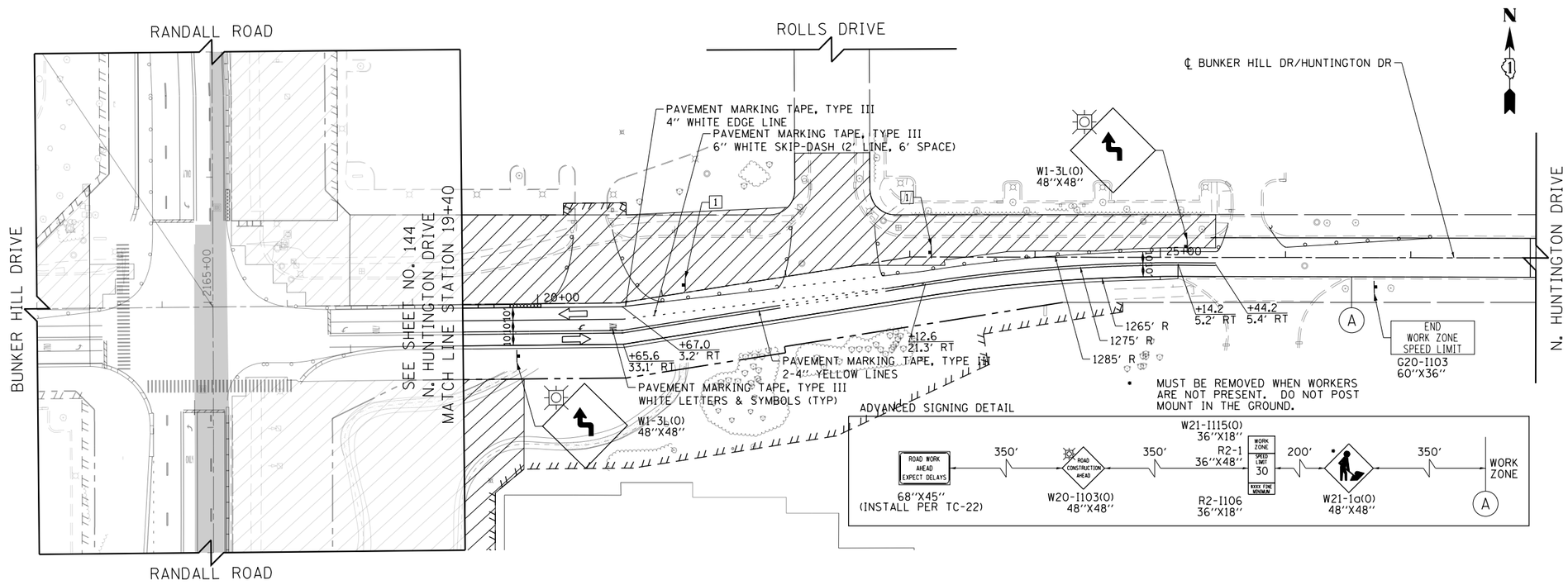
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
ALGONQUIN ROAD STAGE 2

SCALE: 1" = 50' | SHEET 7 OF 13 SHEETS | STA 1353+00 | TO STA 1368+95.01

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	148
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			





LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT
- ARROW BOARD
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONO-DIRECTIONAL FLASHING LIGHT
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
- DIRECTION OF TRAFFIC FLOW

1	DRIVEWAY ENTRANCE →	30" X 30" SEE TC-26
2	DRIVEWAY ENTRANCE ←	30" X 30" SEE TC-26
3		R3-2 24" X 24"
4	STOP	R1-1 36" X 36"
5	STOP HERE ON RED	R10-6a 24" X 36"
6	ONE WAY →	R6-1R 36" X 12"

Tran Systems

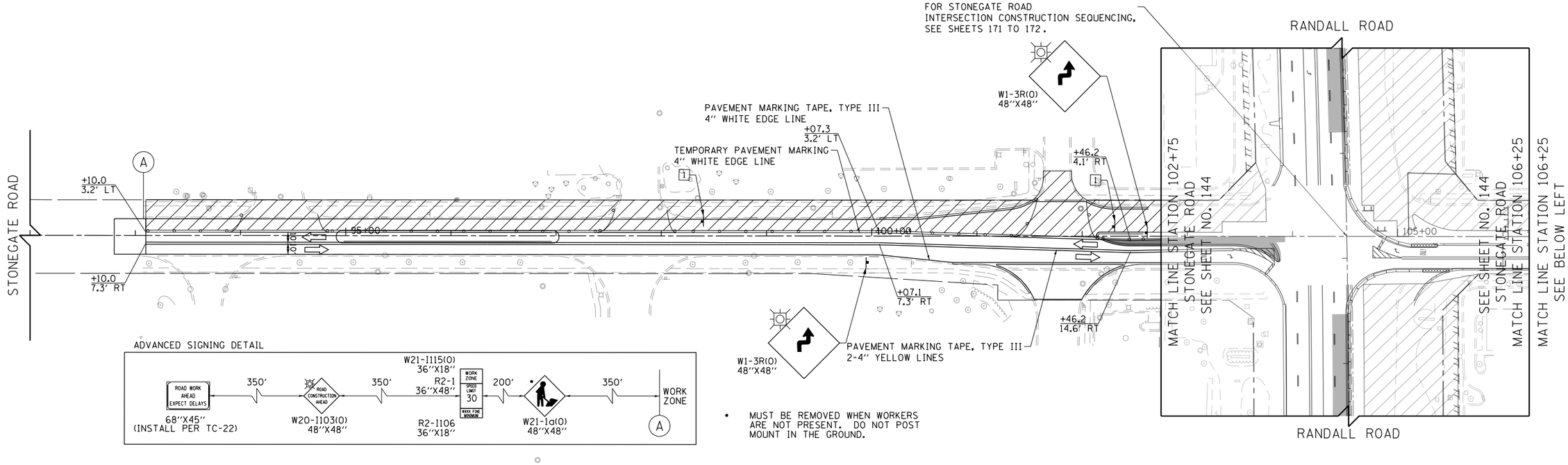
USER NAME = mrciss	DESIGNED - WBL	REVISED -	
FILENAME = DINNNNN-sht-staging-2-10.dgn	DRAWN - MKW	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - RCB	REVISED -	
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -	

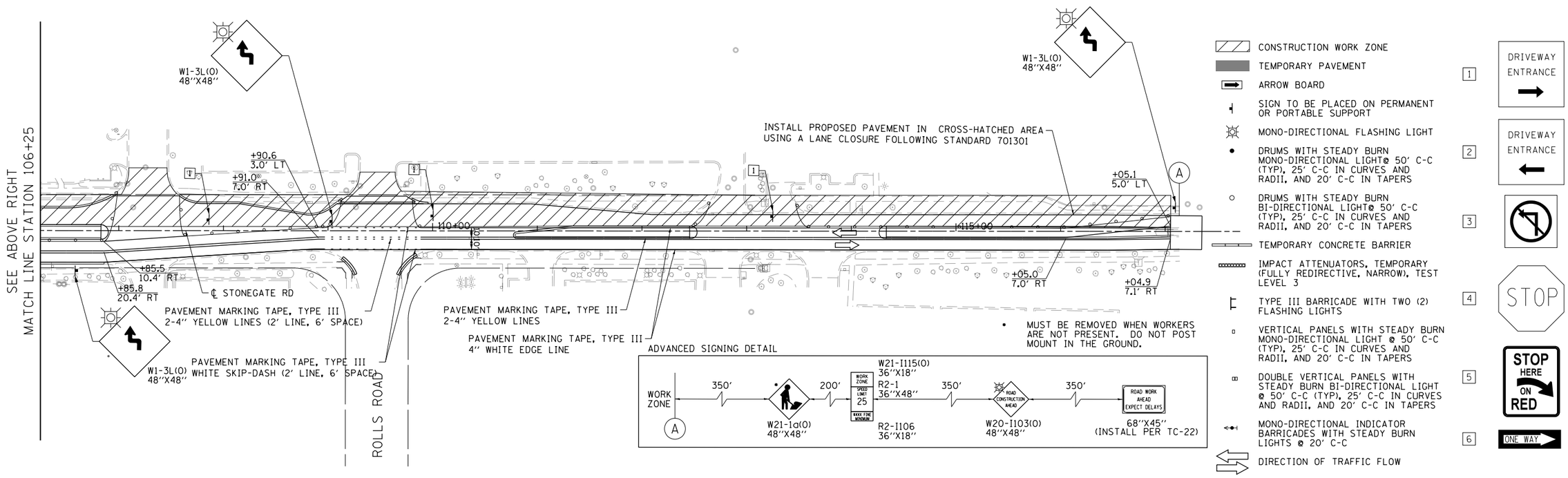
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
BUNKER HILL /HUNTINGTON DRIVE STAGE 2

SCALE: 1" = 50' | SHEET 8 OF 13 SHEETS | STA 8+00 | TO STA 28+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	149
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			





CONSTRUCTION WORK ZONE
TEMPORARY PAVEMENT
ARROW BOARD
SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
MONO-DIRECTIONAL FLASHING LIGHT
DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
TEMPORARY CONCRETE BARRIER
IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
DIRECTION OF TRAFFIC FLOW

1	DRIVEWAY ENTRANCE →	30" X 30" SEE TC-26
2	DRIVEWAY ENTRANCE ←	30" X 30" SEE TC-26
3		R3-2 24" X 24"
4	STOP	R1-1 36" X 36"
5	STOP HERE ON RED	R10-6a 24" X 36"
6	ONE WAY →	R6-1R 36" X 12"

Tran Systems

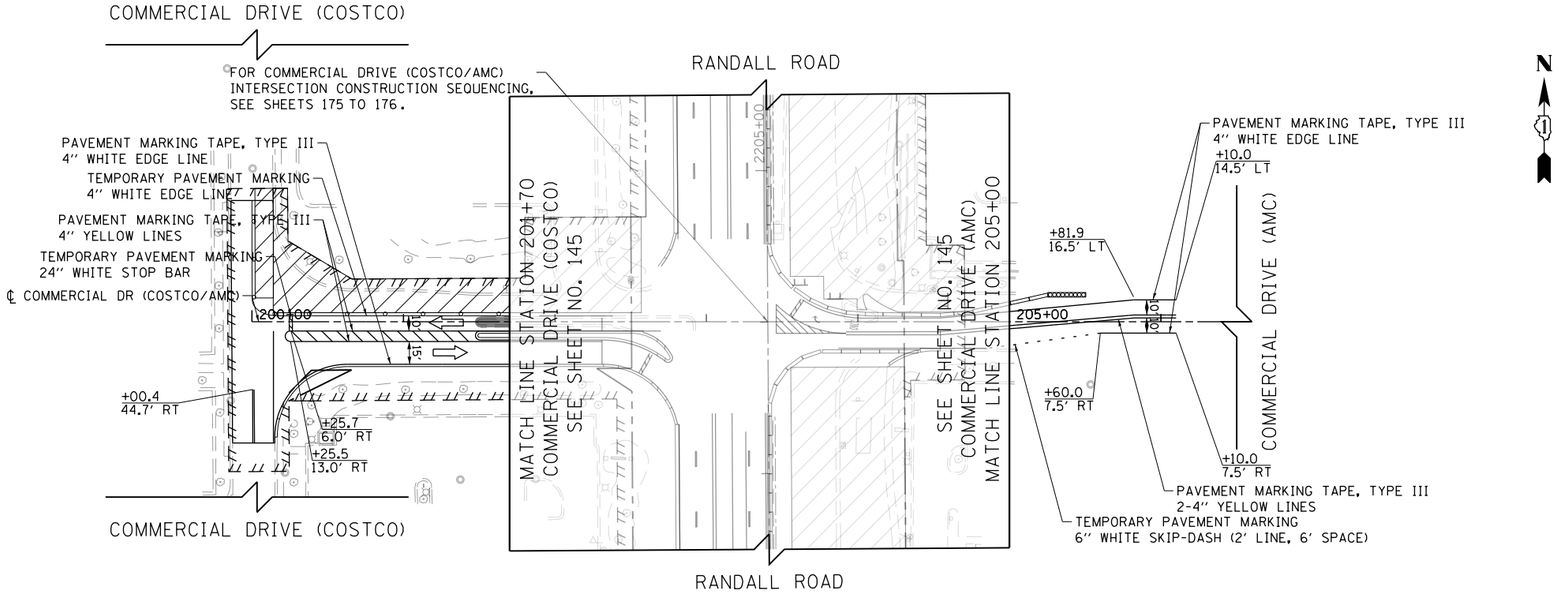
USER NAME = mrciss	DESIGNED - WBL	REVISED -	
FILENAME = DINNNNN-sht-staging-2-11.dgn	DRAWN - MKW	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - RCB	REVISED -	
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
STONEGATE ROAD STAGE 2

SCALE: 1" = 50' | SHEET 9 OF 13 SHEETS | STA 100+00 TO STA 109+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	150
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			



LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT
- ARROW BOARD
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONO-DIRECTIONAL FLASHING LIGHT
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
- DIRECTION OF TRAFFIC FLOW

1	DRIVEWAY ENTRANCE →	30" X 30" SEE TC-26
2	DRIVEWAY ENTRANCE ←	30" X 30" SEE TC-26
3		R3-2 24" X 24"
4	STOP	R1-1 36" X 36"
5	STOP HERE ON RED	R10-6a 24" X 36"
6	ONE WAY →	R6-1R 36" X 12"

Tran Systems

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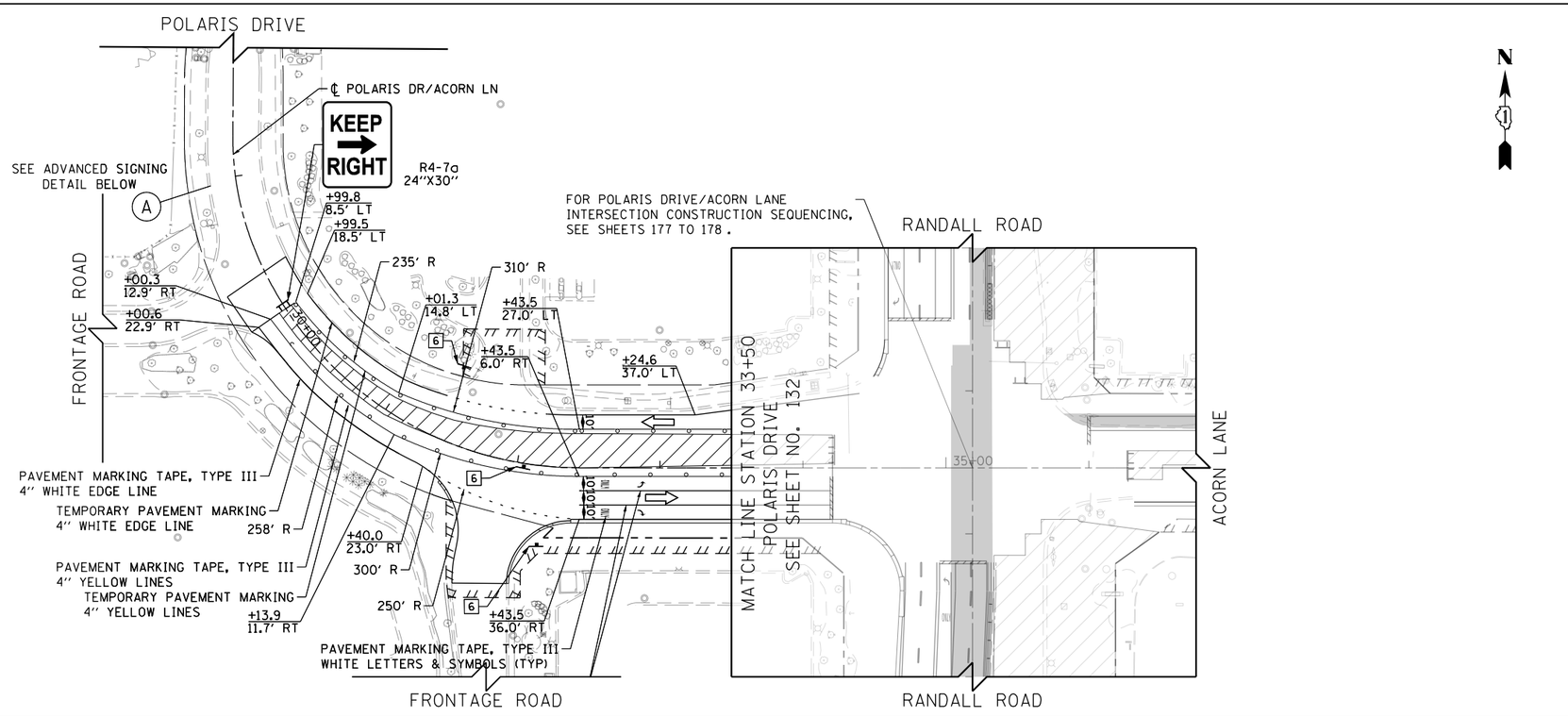
PLOT SCALE = 100.0000 ' / in.	CHECKED - RCB	REVISED -	
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -	

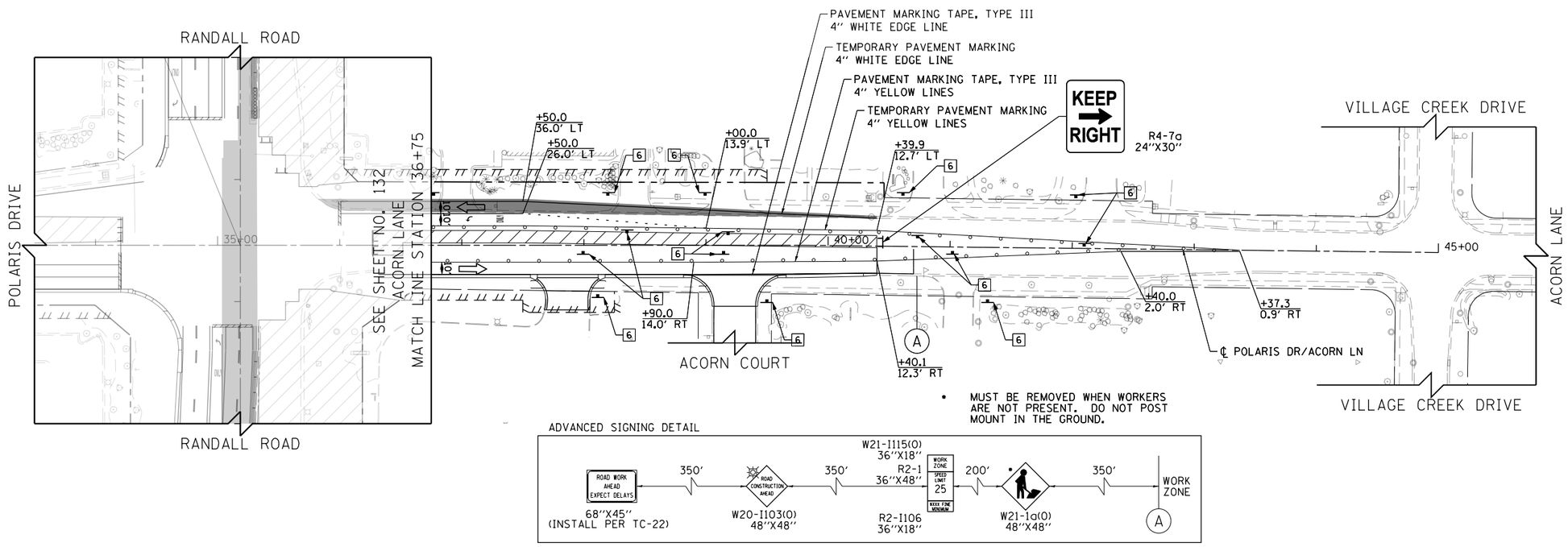
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
COMMERCIAL DRIVE (COSTCO/AMC) STAGE 2

SCALE: 1" = 50' | SHEET 10 OF 13 SHEETS | STA 200+00 TO STA 206+50

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	151
		CONTRACT NO. 61E53		
	ILLINOIS	FED. AID PROJECT		





LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT
- ARROW BOARD
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONO-DIRECTIONAL FLASHING LIGHT
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
- DIRECTION OF TRAFFIC FLOW

1	DRIVEWAY ENTRANCE →	30" X 30" SEE TC-26
2	DRIVEWAY ENTRANCE ←	30" X 30" SEE TC-26
3		R3-2 24" X 24"
4	STOP	R1-1 36" X 36"
5	STOP HERE ON RED	R10-6a 24" X 36"
6	ONE WAY →	R6-1R 36" X 12"

Tran Systems

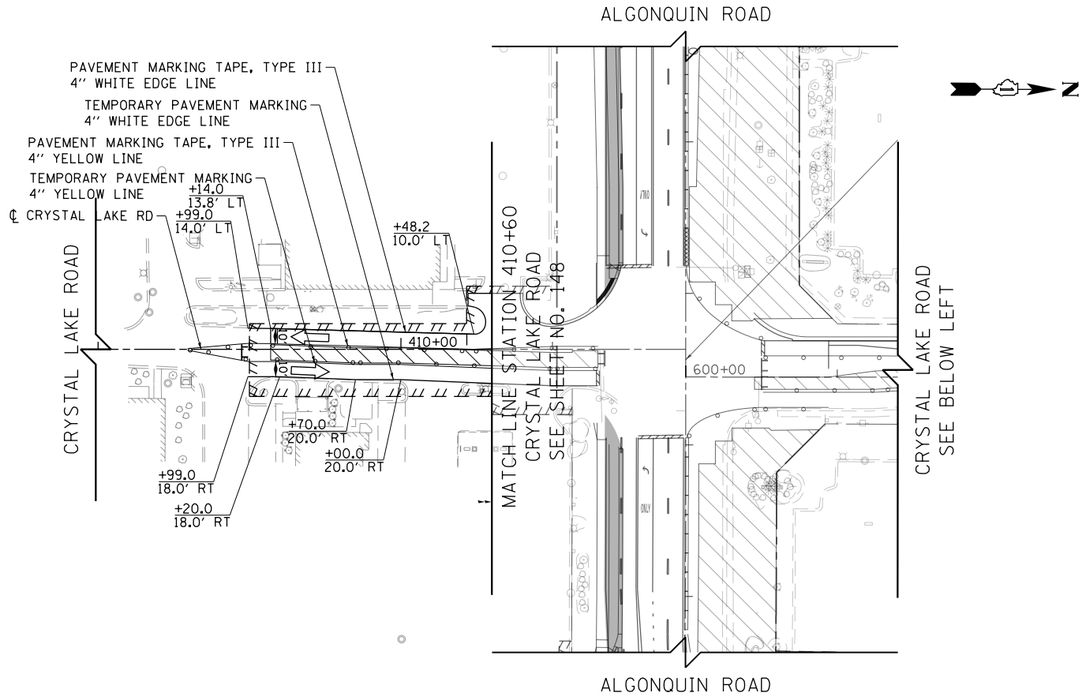
USER NAME = mrciss	DESIGNED - WBL	REVISED -	
FILENAME = DINNNNN-sht-staging-2-13.dgn	DRAWN - MKW	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - RCB	REVISED -	
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -	

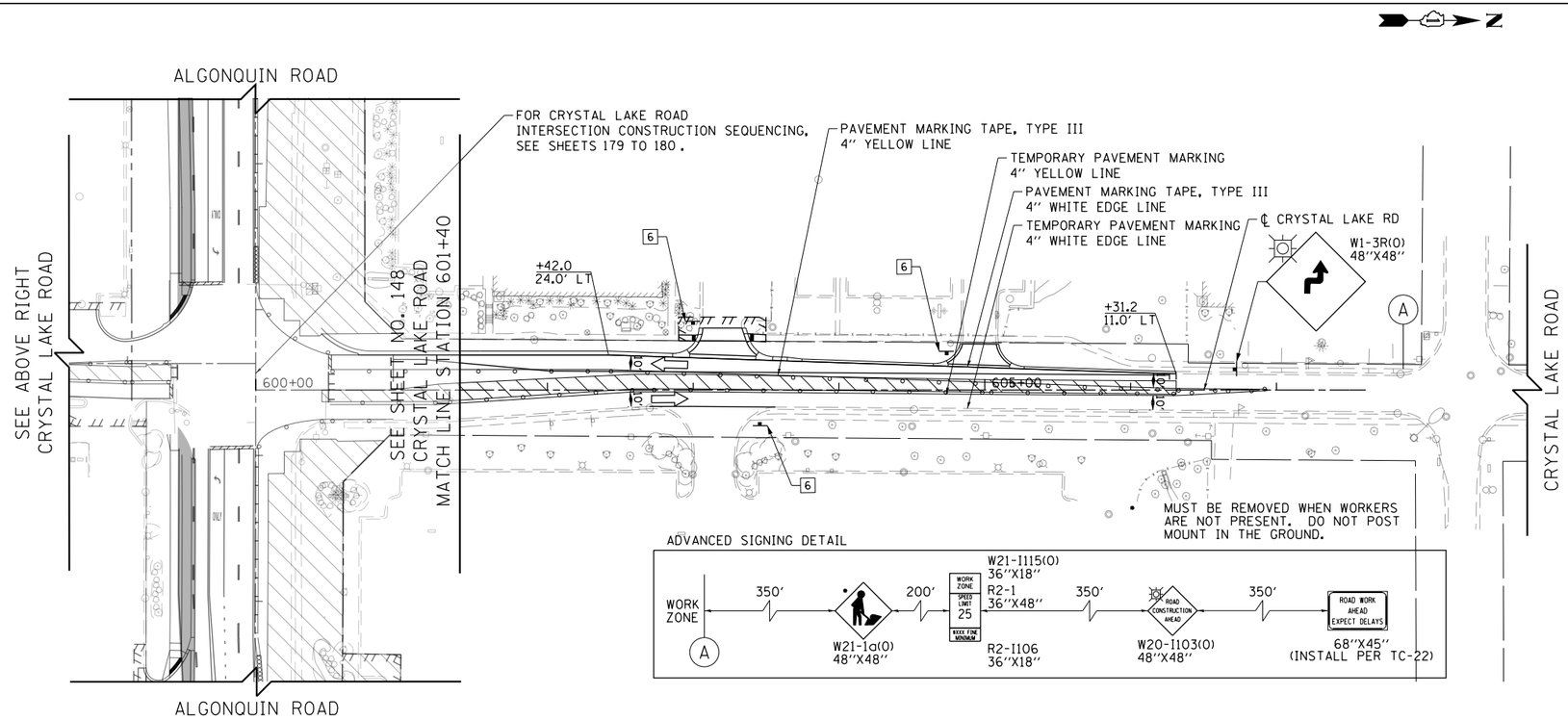
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
POLARIS DRIVE /ACORN LANE STAGE 2

SCALE: 1" = 50' | SHEET 11 OF 13 SHEETS | STA 28+00 TO STA 41+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	152
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			





LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT
- ARROW BOARD
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONO-DIRECTIONAL FLASHING LIGHT
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
- DIRECTION OF TRAFFIC FLOW

1	DRIVEWAY ENTRANCE →	30" X 30" SEE TC-26
2	DRIVEWAY ENTRANCE ←	30" X 30" SEE TC-26
3		R3-2 24" X 24"
4	STOP	R1-1 36" X 36"
5	STOP HERE ON RED	R10-6a 24" X 36"
6	ONE WAY →	R6-1R 36" X 12"

Tran Systems

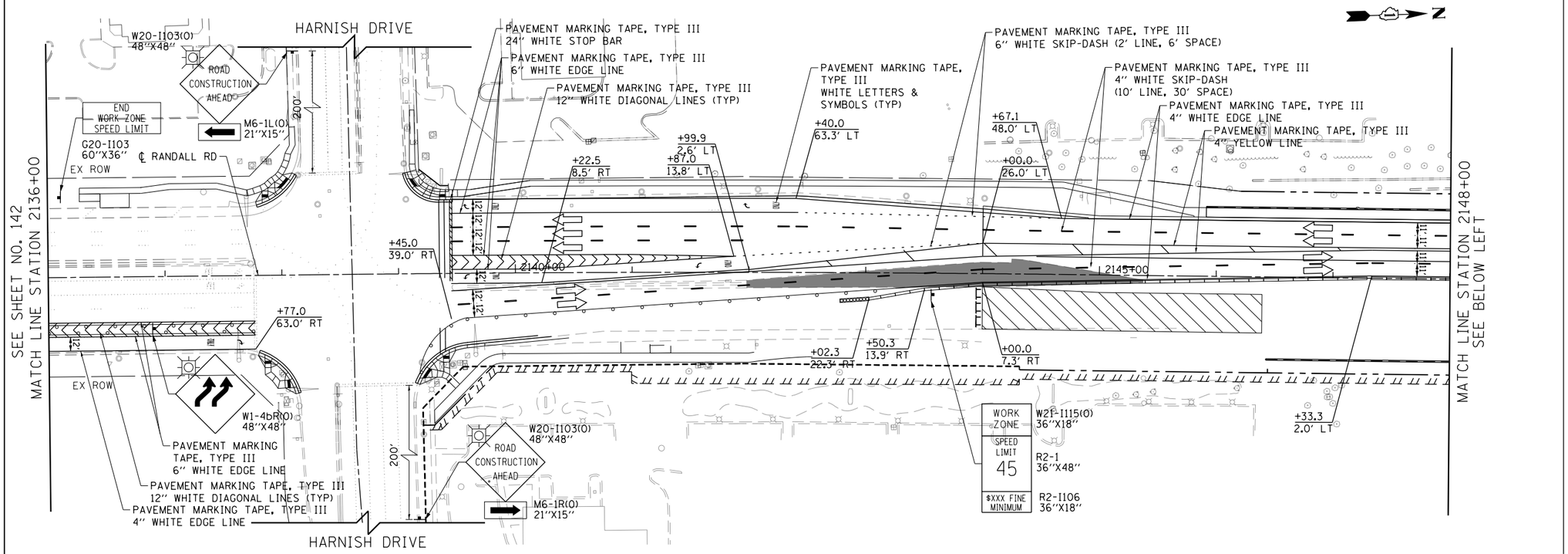
USER NAME = mrciss	DESIGNED - WBL	REVISED -
FILENAME = DINNNNN-sht-staging-2-14.dgn	DRAWN - MKW	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - RCB	REVISED -
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

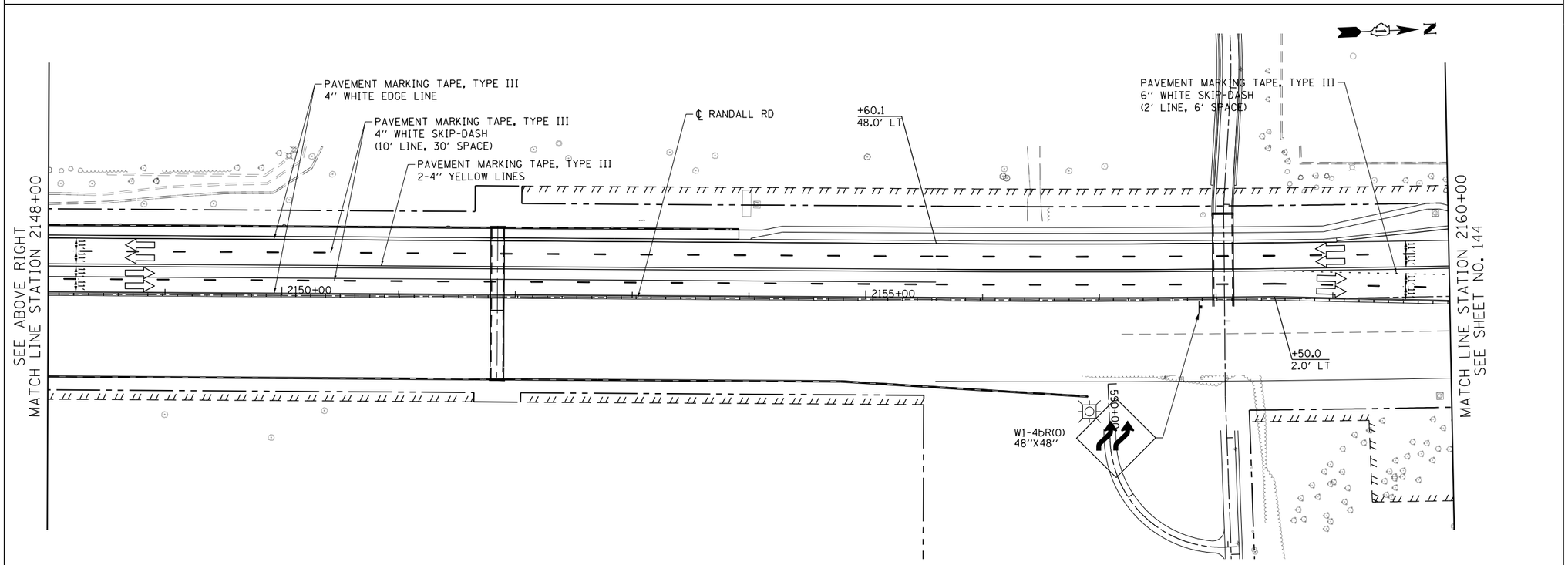
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
CRYSTAL LAKE ROAD STAGE 2

SCALE: 1" = 50' | SHEET 12 OF 13 SHEETS | STA 408+00 TO STA 607+50

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	153
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			





LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT
- ARROW BOARD
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONO-DIRECTIONAL FLASHING LIGHT
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
- DIRECTION OF TRAFFIC FLOW

1	DRIVEWAY ENTRANCE →	30" X 30" SEE TC-26
2	DRIVEWAY ENTRANCE ←	30" X 30" SEE TC-26
3		R3-2 24" X 24"
4	STOP	R1-1 36" X 36"
5	STOP HERE ON RED	R10-6a 24" X 36"
6	ONE WAY →	R6-1R 36" X 12"

USER NAME = mroiss	DESIGNED - WBL		REVISED -
FILENAME = DINNNNN-sht-staging-2-1A.dgn	DRAWN - MKW		REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - RCB		REVISED -
PLOT DATE = 4/25/2018	DATE - 4-26-2018		REVISED -

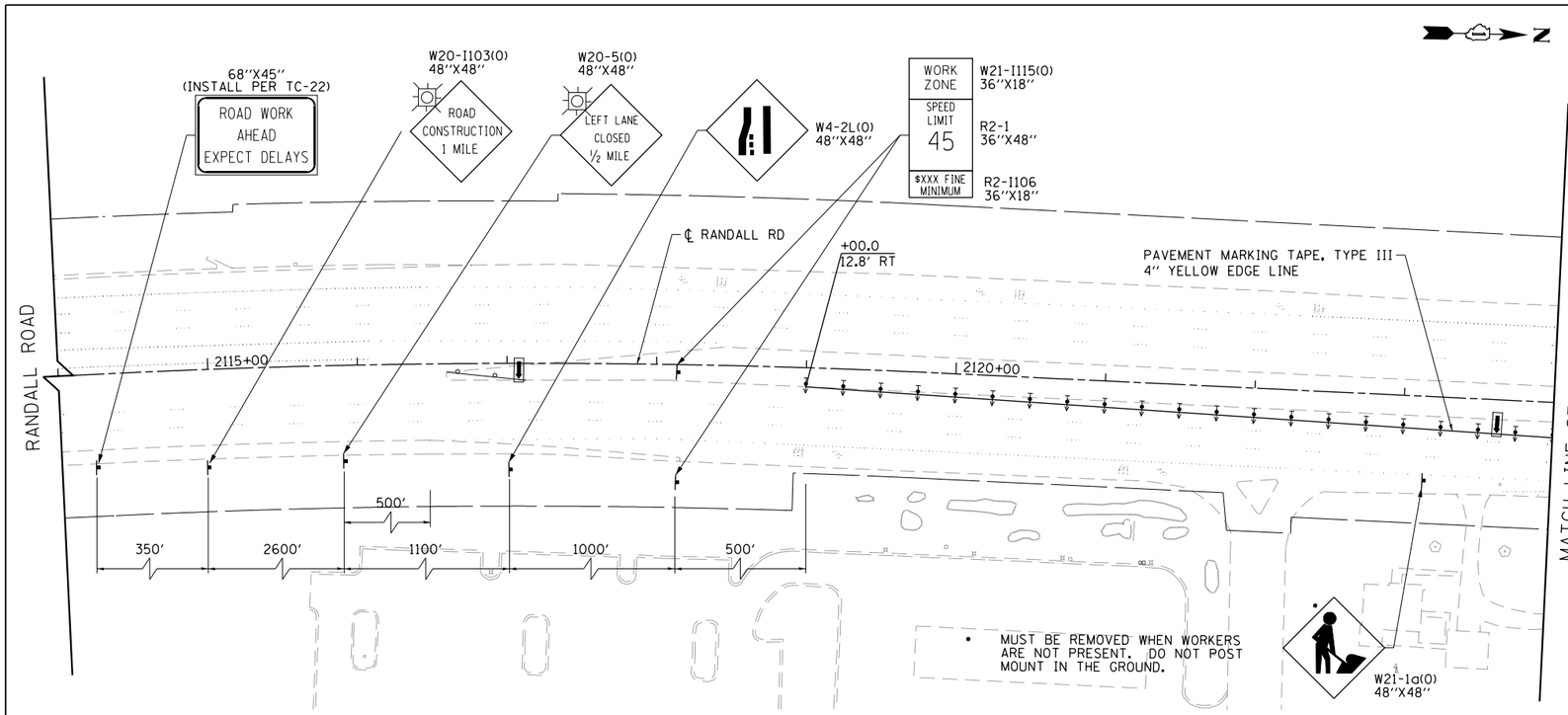
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

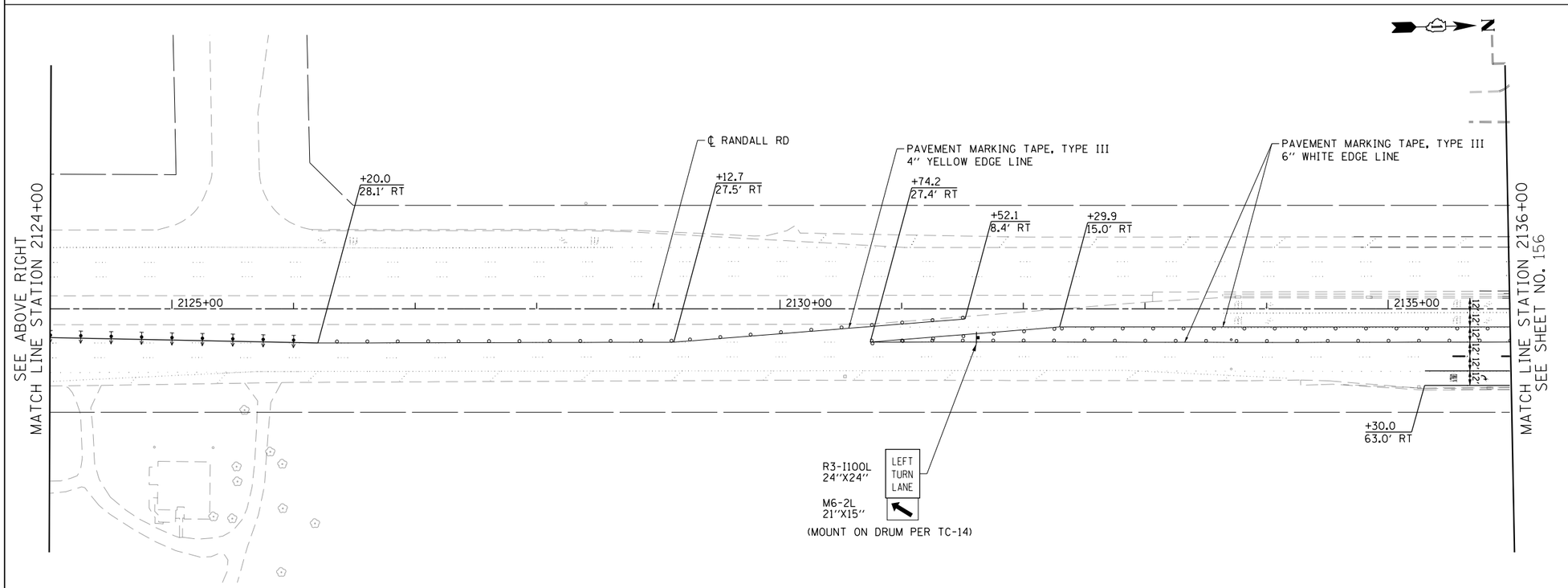
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
RANDALL ROAD STAGE 2A

SCALE: 1" = 50' | SHEET 1 OF 1 SHEETS | STA 2136+00 | TO STA 2160+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	154
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			

Tran Systems





LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT
- ARROW BOARD
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONO-DIRECTIONAL FLASHING LIGHT
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
- DIRECTION OF TRAFFIC FLOW

1	DRIVEWAY ENTRANCE →	30" X 30" SEE TC-26
2	DRIVEWAY ENTRANCE ←	30" X 30" SEE TC-26
3		R3-2 24" X 24"
4	STOP	R1-1 36" X 36"
5	STOP HERE ON RED	R10-6a 24" X 36"
6	ONE WAY →	R6-1R 36" X 12"
7	← ONE WAY	R6-1L 36" X 12"

Tran Systems

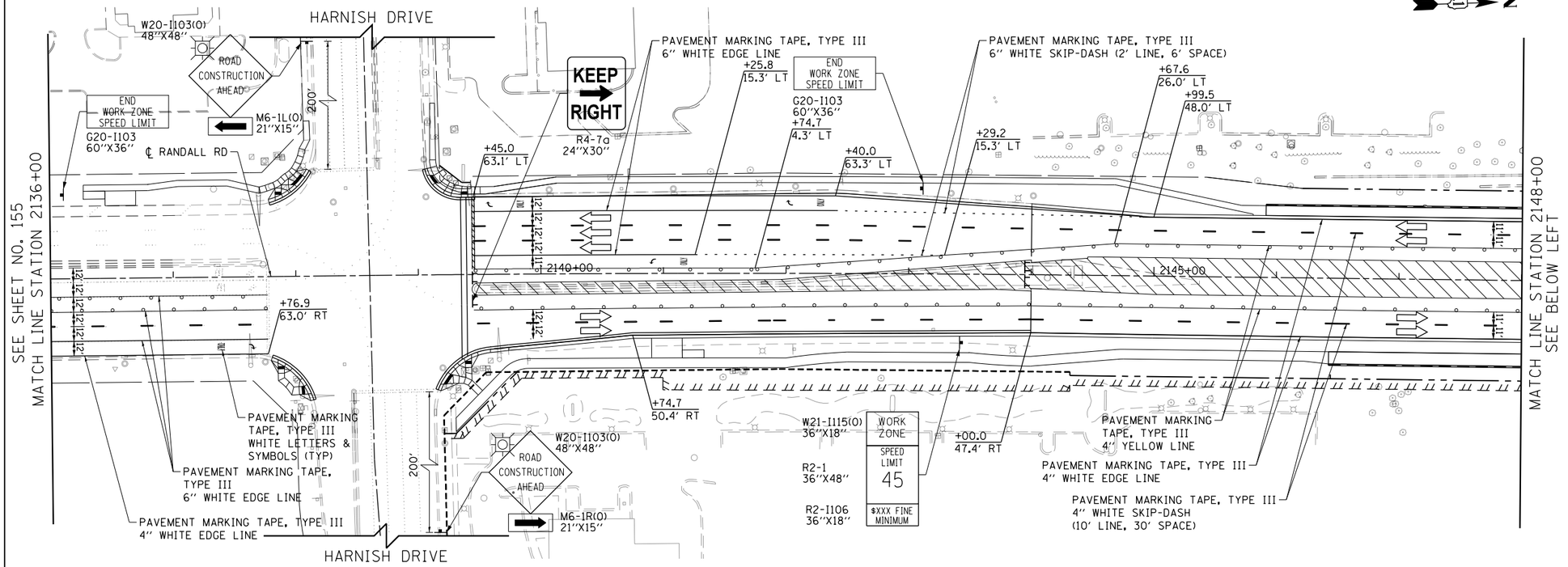
USER NAME = mrciss	DESIGNED - WBL	REVISED -	
FILENAME = DINNNNN-sht-staging-3-A.dgn	DRAWN - MKW	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - RCB	REVISED -	
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -	

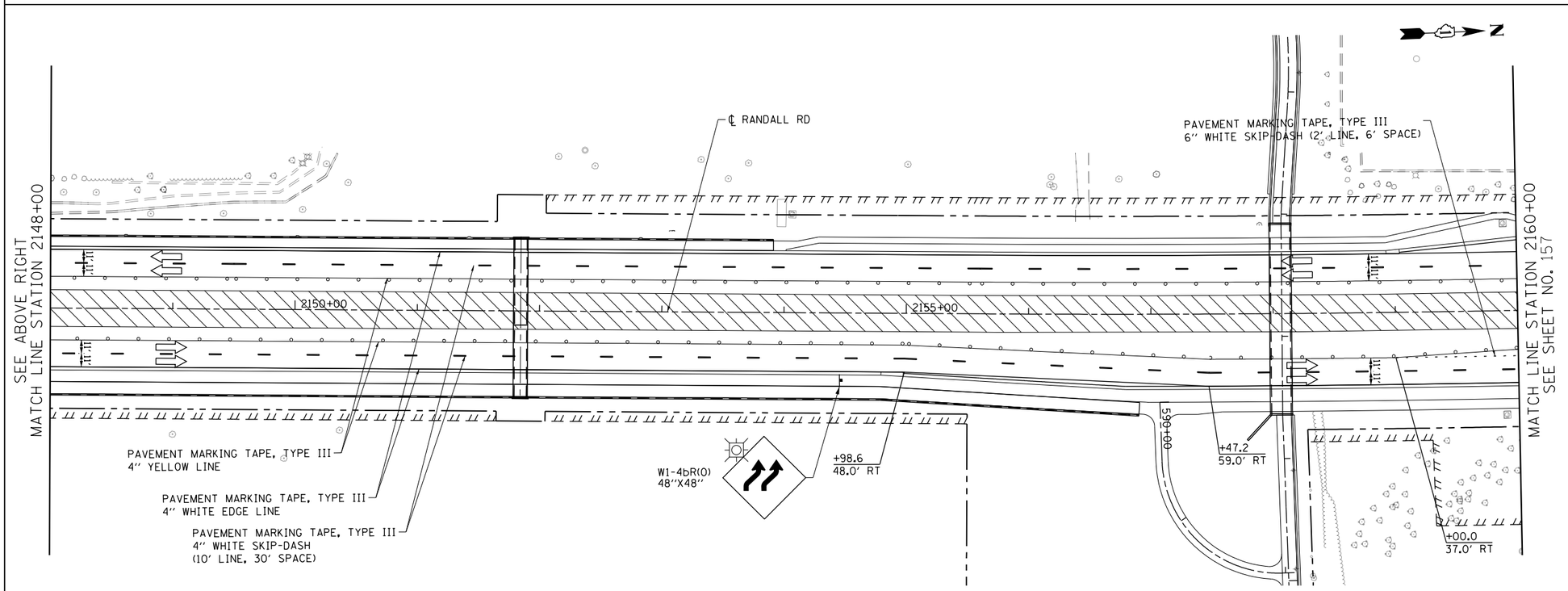
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
RANDALL ROAD STAGE 3

SCALE: 1" = 50' | SHEET 1 OF 12 SHEETS | STA 2114+00 | TO STA 2136+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	155
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			





LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT
- ARROW BOARD
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONO-DIRECTIONAL FLASHING LIGHT
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
- DIRECTION OF TRAFFIC FLOW

1	DRIVEWAY ENTRANCE →	30" X 30" SEE TC-26
2	DRIVEWAY ENTRANCE ←	30" X 30" SEE TC-26
3		R3-2 24" X 24"
4	STOP	R1-1 36" X 36"
5	STOP HERE ON RED	R10-6a 24" X 36"
6	ONE WAY →	R6-1R 36" X 12"
7	← ONE WAY	R6-1L 36" X 12"

Tran Systems

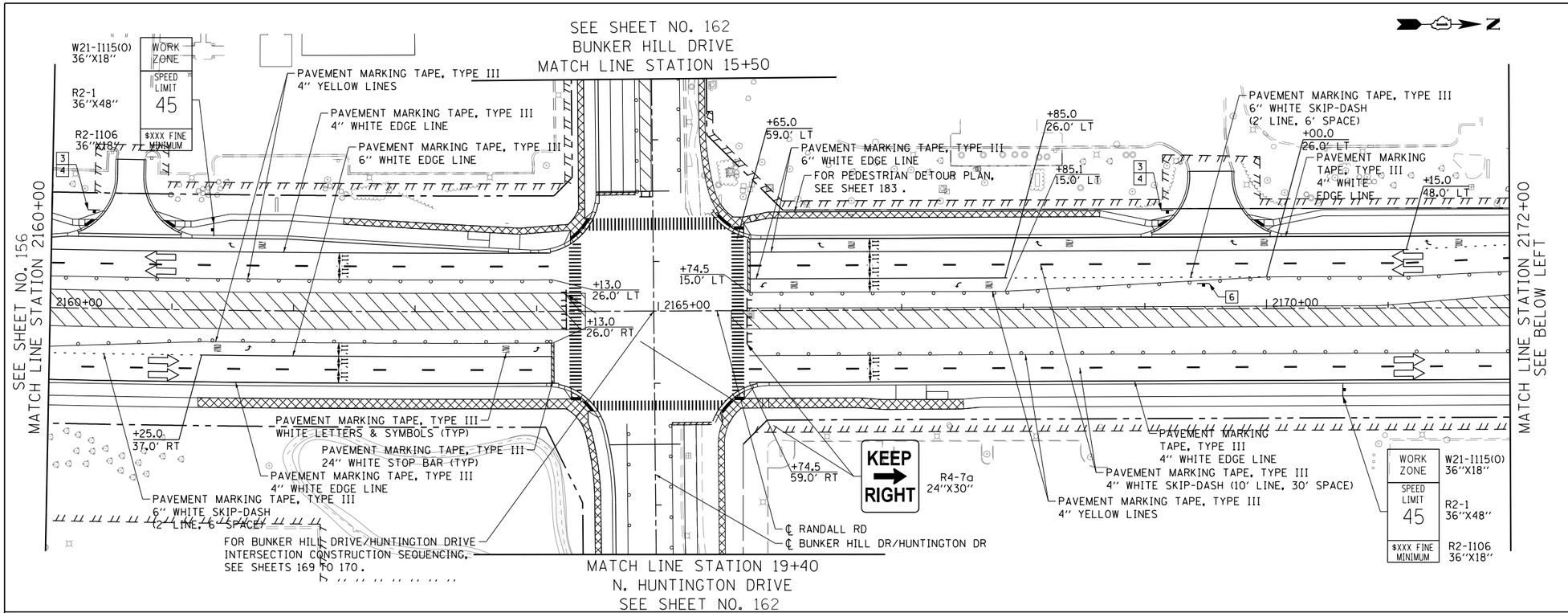
USER NAME = mrciss	DESIGNED - WBL	REVISED -	
FILENAME = DINNNNN-sht-staging-3-1.dgn	DRAWN - MKW	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - RCB	REVISED -	
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -	

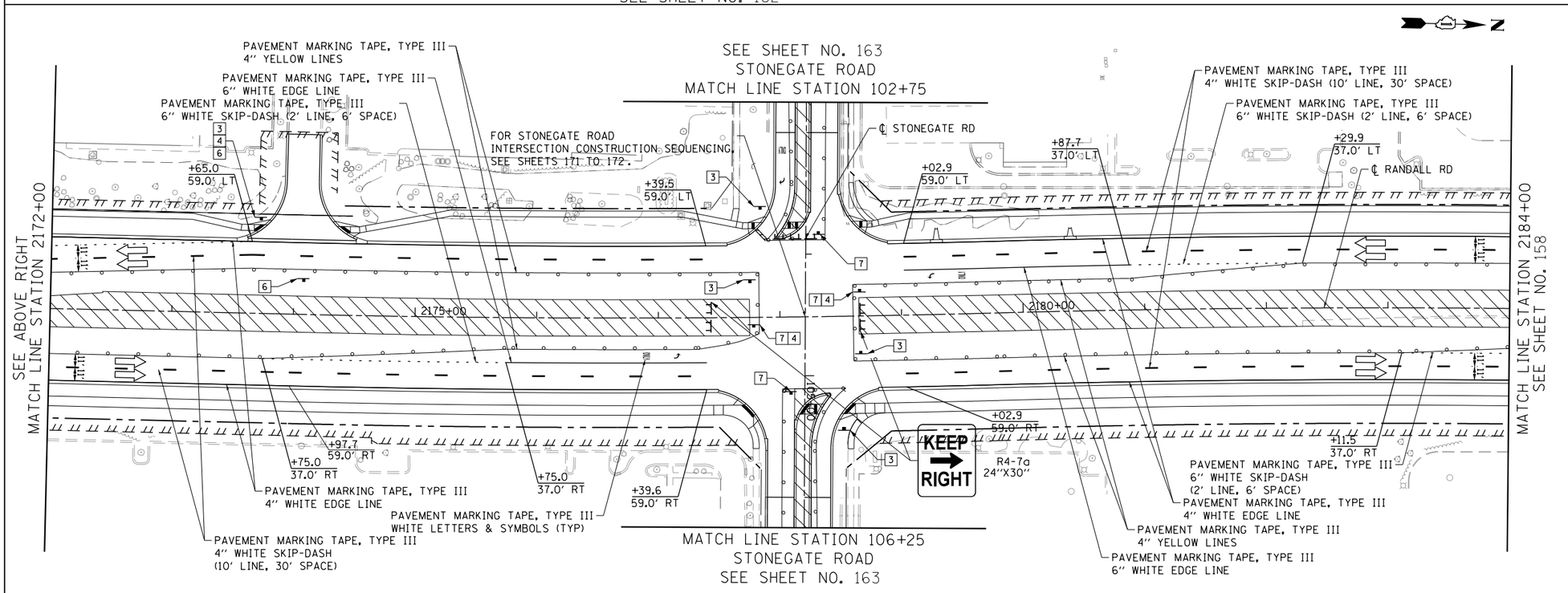
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
RANDALL ROAD STAGE 3

SCALE: 1" = 50' | SHEET 2 OF 12 SHEETS | STA 2136+00 | TO STA 2160+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	156
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			





LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT
- ARROW BOARD
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONO-DIRECTIONAL FLASHING LIGHT
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
- DIRECTION OF TRAFFIC FLOW

1	DRIVEWAY ENTRANCE →	30" X 30" SEE TC-26
2	DRIVEWAY ENTRANCE ←	30" X 30" SEE TC-26
3		R3-2 24" X 24"
4	STOP	R1-1 36" X 36"
5	STOP HERE ON RED	R10-6a 24" X 36"
6	ONE WAY →	R6-1R 36" X 12"
7	← ONE WAY	R6-1L 36" X 12"

Tran Systems

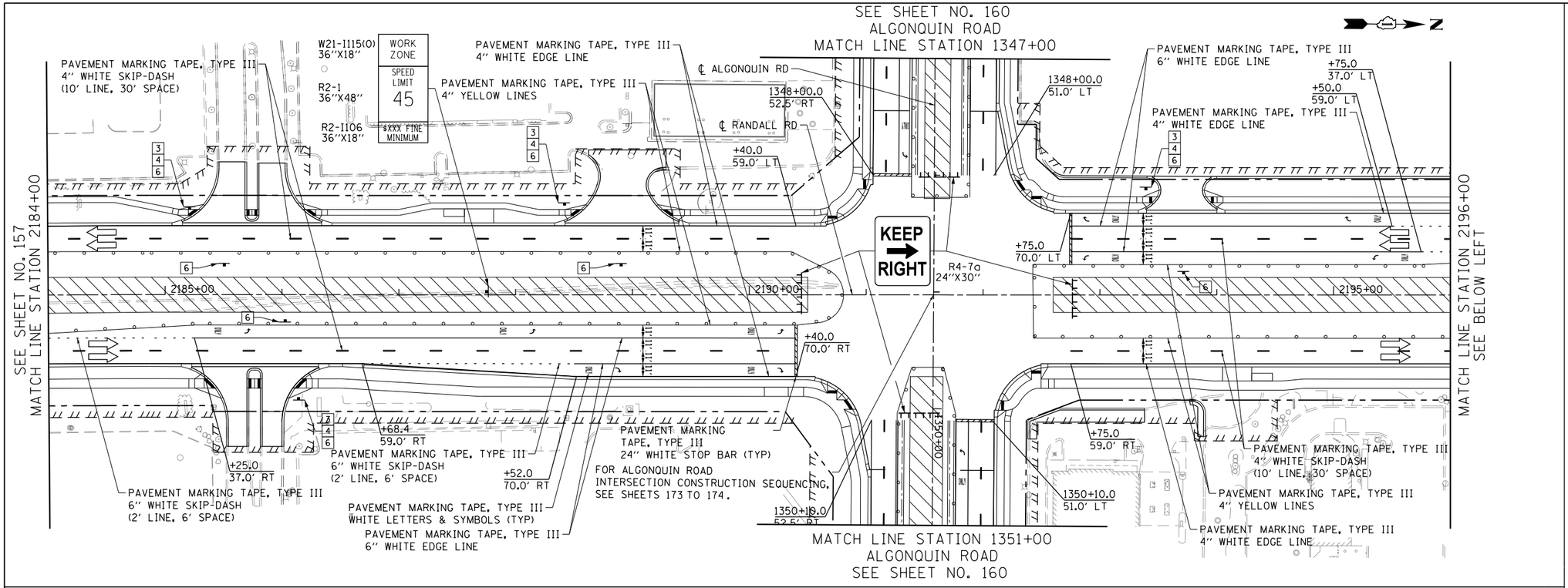
USER NAME = mrciss	DESIGNED - WBL	REVISED -
FILENAME = DINNNNN-sht-staging-3-2.dgn	DRAWN - MKW	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - RCB	REVISED -
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

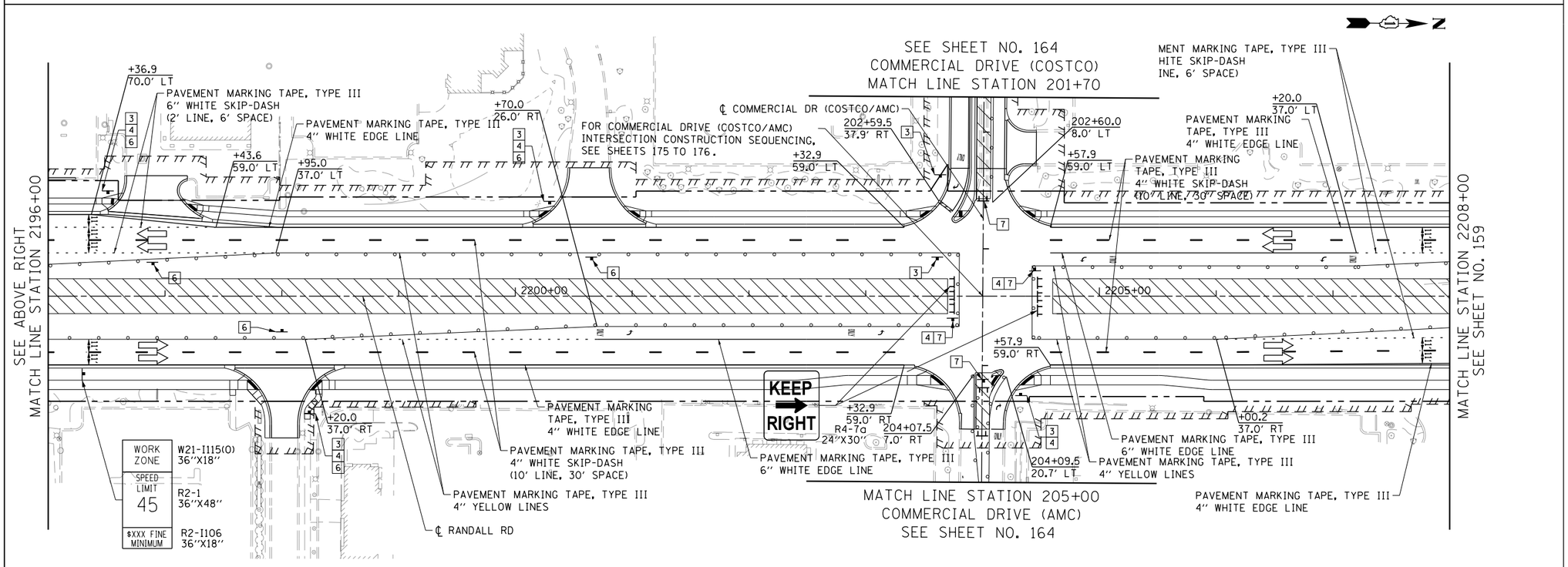
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
RANDALL ROAD STAGE 3

SCALE: 1" = 50' | SHEET 3 OF 12 SHEETS | STA 2160+00 TO STA 2184+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	157
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			





LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT
- ARROW BOARD
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONO-DIRECTIONAL FLASHING LIGHT
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
- DIRECTION OF TRAFFIC FLOW

1	DRIVEWAY ENTRANCE →	30" X 30" SEE TC-26
2	DRIVEWAY ENTRANCE ←	30" X 30" SEE TC-26
3		R3-2 24" X 24"
4	STOP	R1-1 36" X 36"
5	STOP HERE ON RED	R10-6a 24" X 36"
6	ONE WAY →	R6-1R 36" X 12"
7	← ONE WAY	R6-1L 36" X 12"

Tran Systems

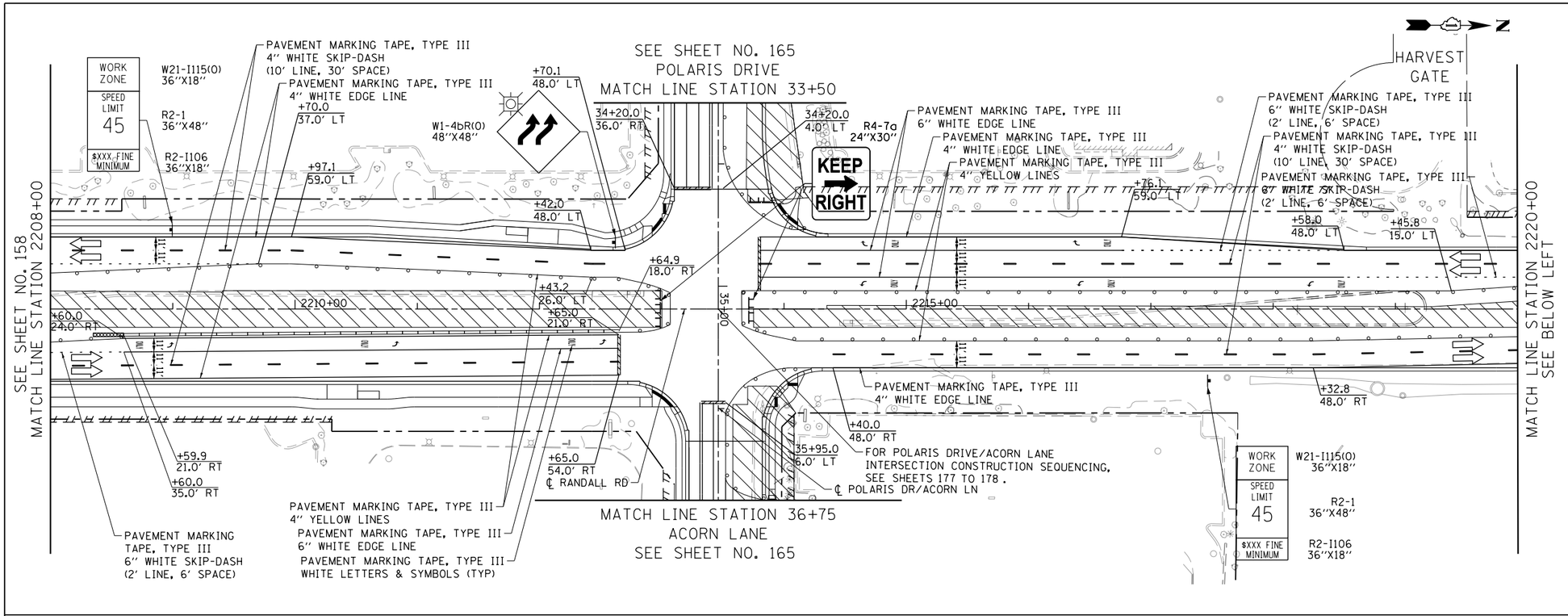
USER NAME = mrciss	DESIGNED - WBL	REVISED -	
FILENAME = DINNNNN-sht-staging-3-3.dgn	DRAWN - MKW	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - RCB	REVISED -	
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -	

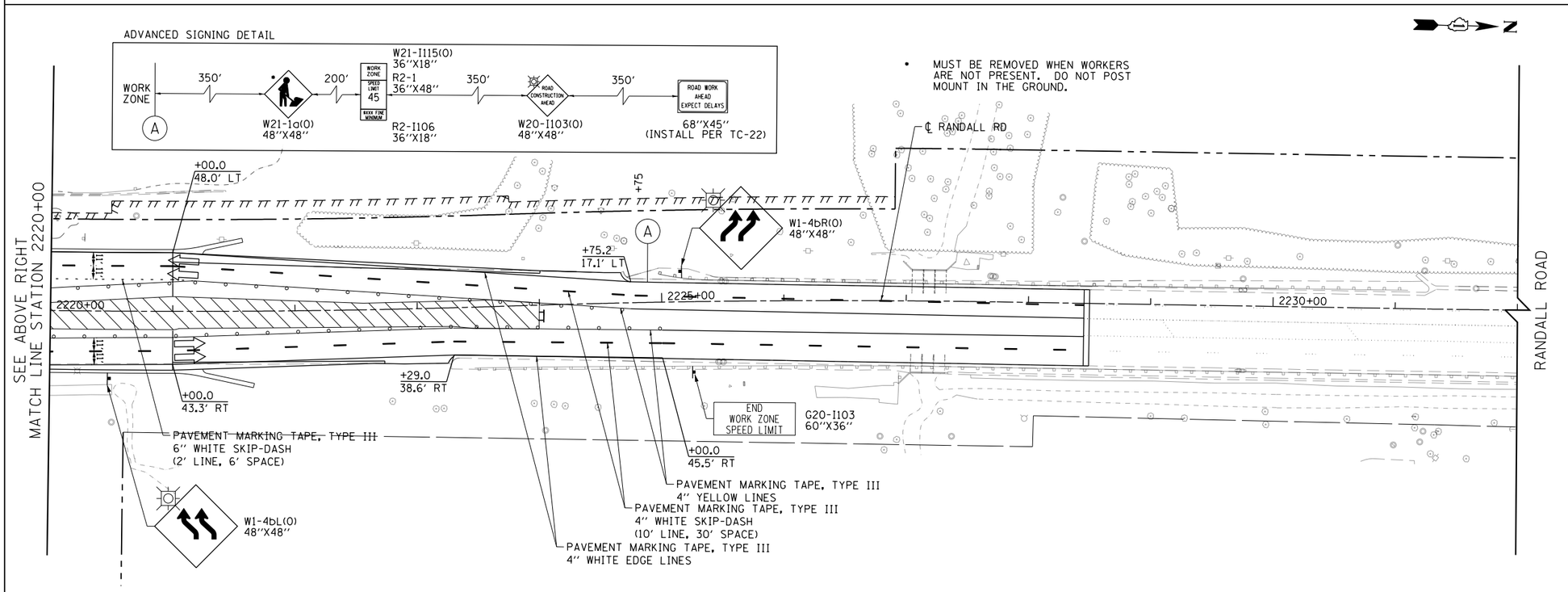
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
RANDALL ROAD STAGE 3

SCALE: 1" = 50' | SHEET 4 OF 12 SHEETS | STA 2184+00 | TO STA 2208+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	158
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			





LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT
- ARROW BOARD
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONO-DIRECTIONAL FLASHING LIGHT
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
- DIRECTION OF TRAFFIC FLOW

1	DRIVEWAY ENTRANCE →	30" X 30" SEE TC-26
2	DRIVEWAY ENTRANCE ←	30" X 30" SEE TC-26
3		R3-2 24" X 24"
4	STOP	R1-1 36" X 36"
5	STOP HERE ON RED	R10-6a 24" X 36"
6	ONE WAY →	R6-1R 36" X 12"
7	← ONE WAY	R6-1L 36" X 12"

Tran Systems

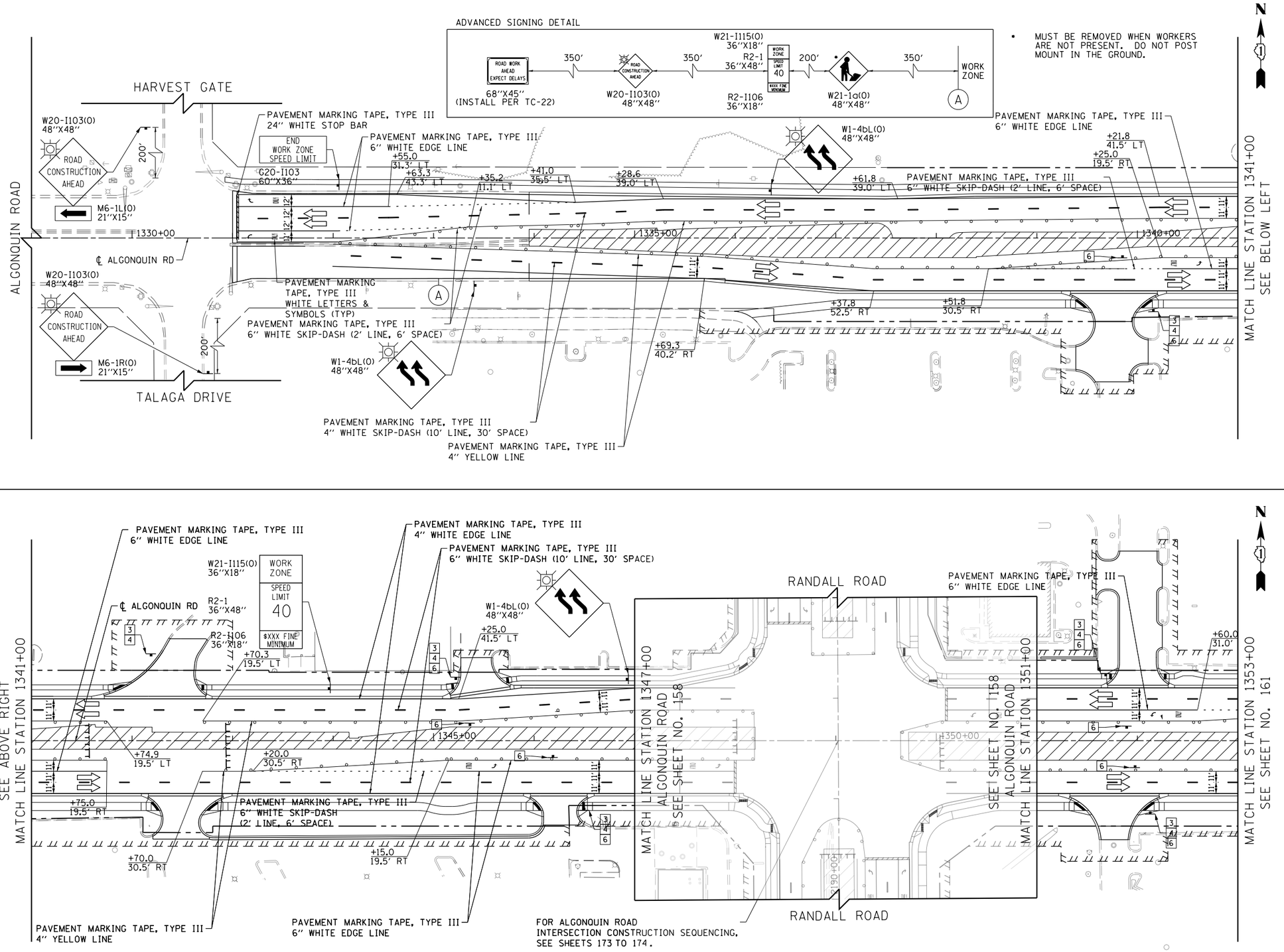
USER NAME = mrciss	DESIGNED - WBL	REVISED -	
FILENAME = DINNNNN-sht-staging-3-4.dgn	DRAWN - MKW	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - RCB	REVISED -	
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
RANDALL ROAD STAGE 3

SCALE: 1" = 50' | SHEET 5 OF 12 SHEETS | STA 2208+00 | TO STA 2232+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	159
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			



LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT
- ARROW BOARD
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONO-DIRECTIONAL FLASHING LIGHT
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
- DIRECTION OF TRAFFIC FLOW

1	DRIVEWAY ENTRANCE →	30" X 30" SEE TC-26
2	DRIVEWAY ENTRANCE ←	30" X 30" SEE TC-26
3		R3-2 24" X 24"
4	STOP	R1-1 36" X 36"
5	STOP HERE ON RED	R10-6a 24" X 36"
6	ONE WAY →	R6-1R 36" X 12"
7	← ONE WAY	R6-1L 36" X 12"

Tran Systems

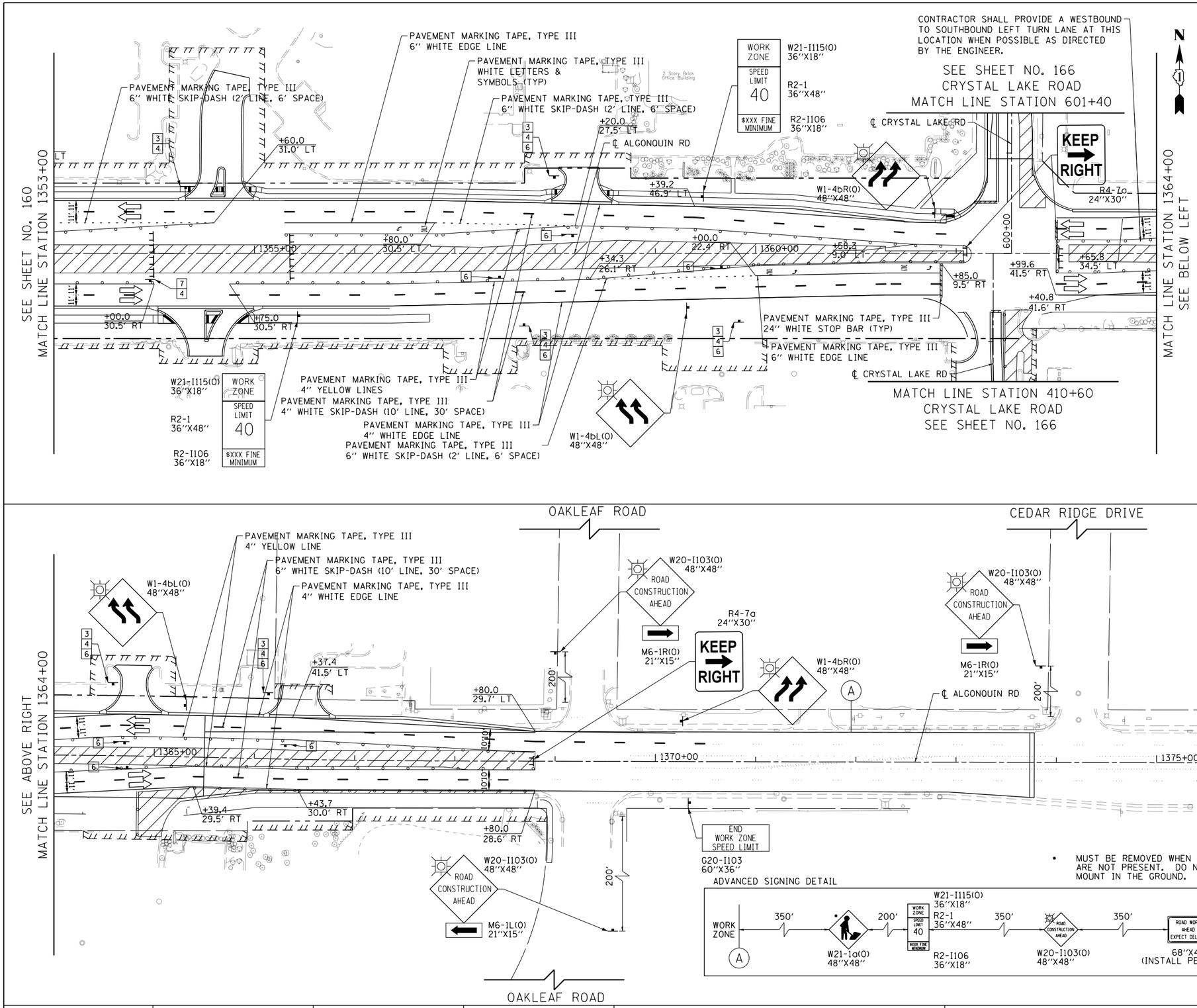
USER NAME = mroiss	DESIGNED - WBL	REVISED -	
FILENAME = DINNNNN-sht-staging-3-8.dgn	DRAWN - MKW	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - RCB	REVISED -	
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
ALGONQUIN ROAD STAGE 3

SCALE: 1" = 50' | SHEET 6 OF 12 SHEETS | STA 1334+00 TO STA 1353+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	160
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			



LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT
- ARROW BOARD
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONO-DIRECTIONAL FLASHING LIGHT
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
- DIRECTION OF TRAFFIC FLOW

1	DRIVEWAY ENTRANCE →	30" X 30" SEE TC-26
2	DRIVEWAY ENTRANCE ←	30" X 30" SEE TC-26
3		R3-2 24" X 24"
4	STOP	R1-1 36" X 36"
5	STOP HERE ON RED	R10-6a 24" X 36"
6	ONE WAY →	R6-1R 36" X 12"
7	← ONE WAY	R6-1L 36" X 12"

Tran Systems

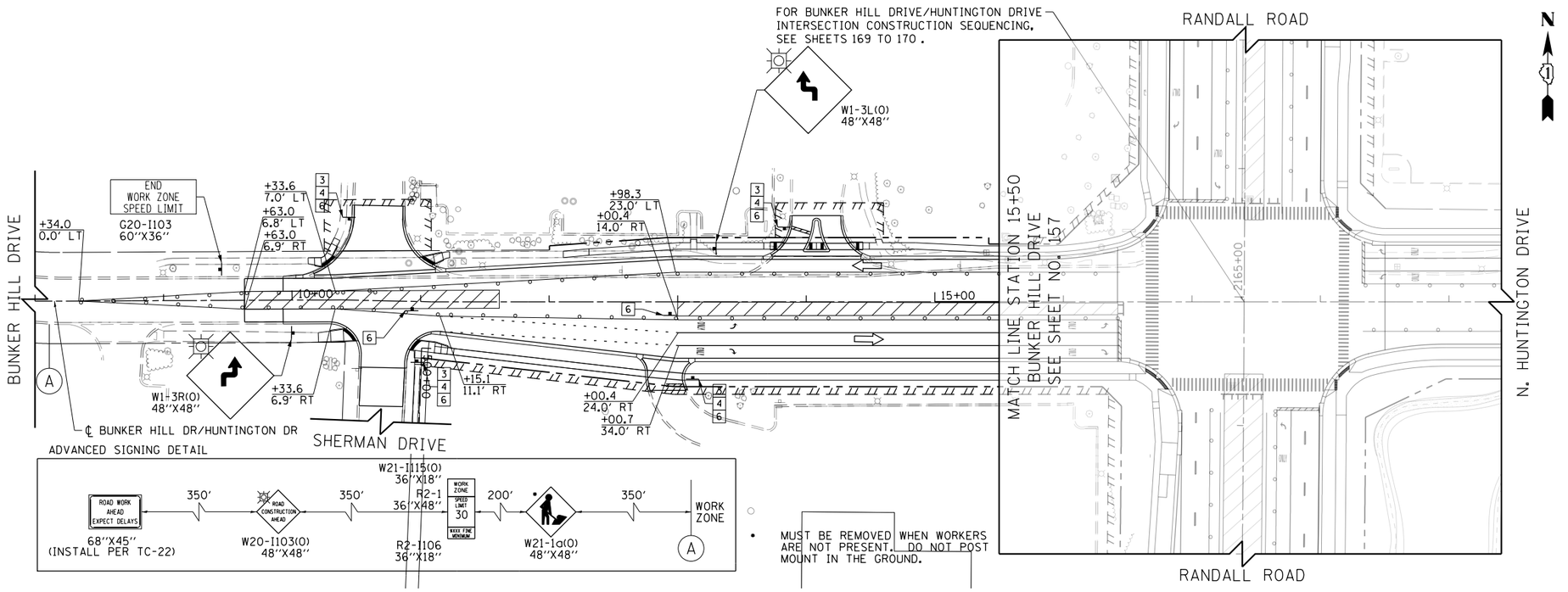
USER NAME = mroiss	DESIGNED - WBL	REVISED -	
FILENAME = DINNNNN-sht-staging-3-9.dgn	DRAWN - MKW	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - RCB	REVISED -	
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -	

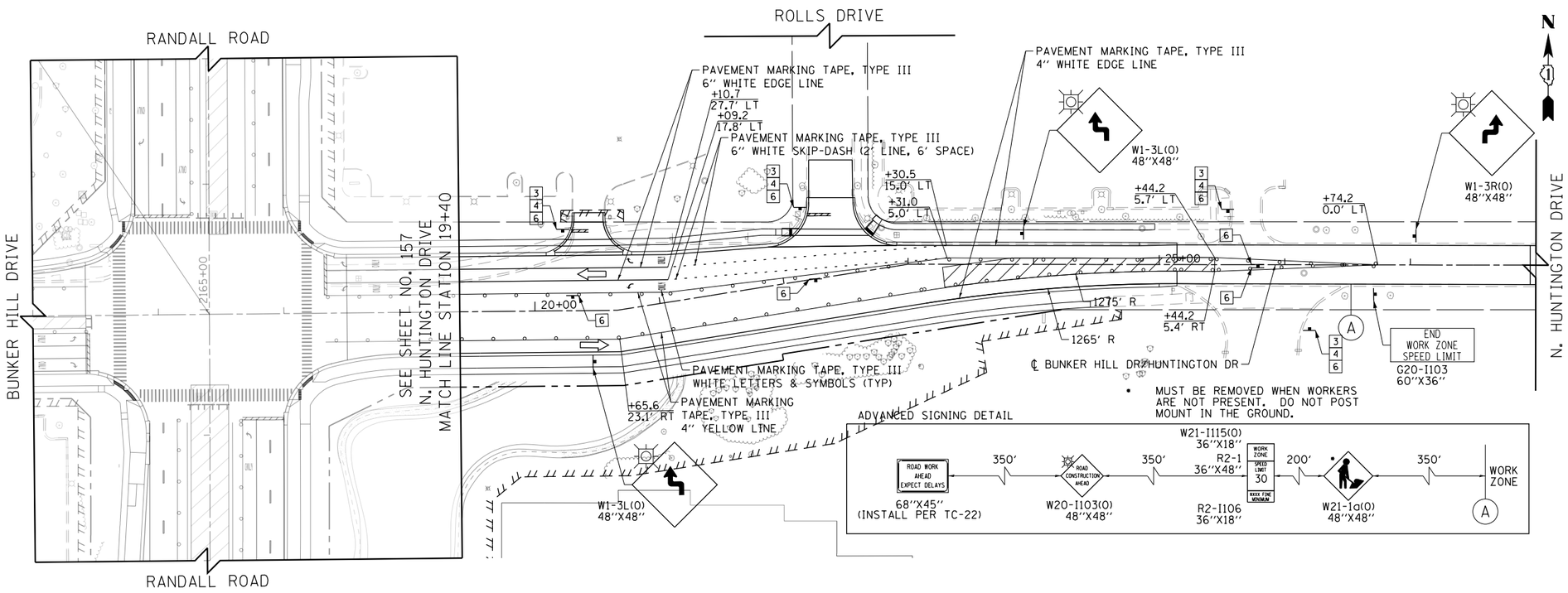
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
ALGONQUIN ROAD STAGE 3

SCALE: 1" = 50' | SHEET 7 OF 12 SHEETS | STA 1353+00 | TO STA 1368+95.01

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	161
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			





LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT
- ARROW BOARD
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONO-DIRECTIONAL FLASHING LIGHT
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
- DIRECTION OF TRAFFIC FLOW

1	DRIVEWAY ENTRANCE →	30" X 30" SEE TC-26
2	DRIVEWAY ENTRANCE ←	30" X 30" SEE TC-26
3	R3-2	24" X 24"
4	STOP	R1-1 36" X 36"
5	STOP HERE ON RED	R10-6a 24" X 36"
6	ONE WAY →	R6-1R 36" X 12"
7	← ONE WAY	R6-1L 36" X 12"

Tran Systems

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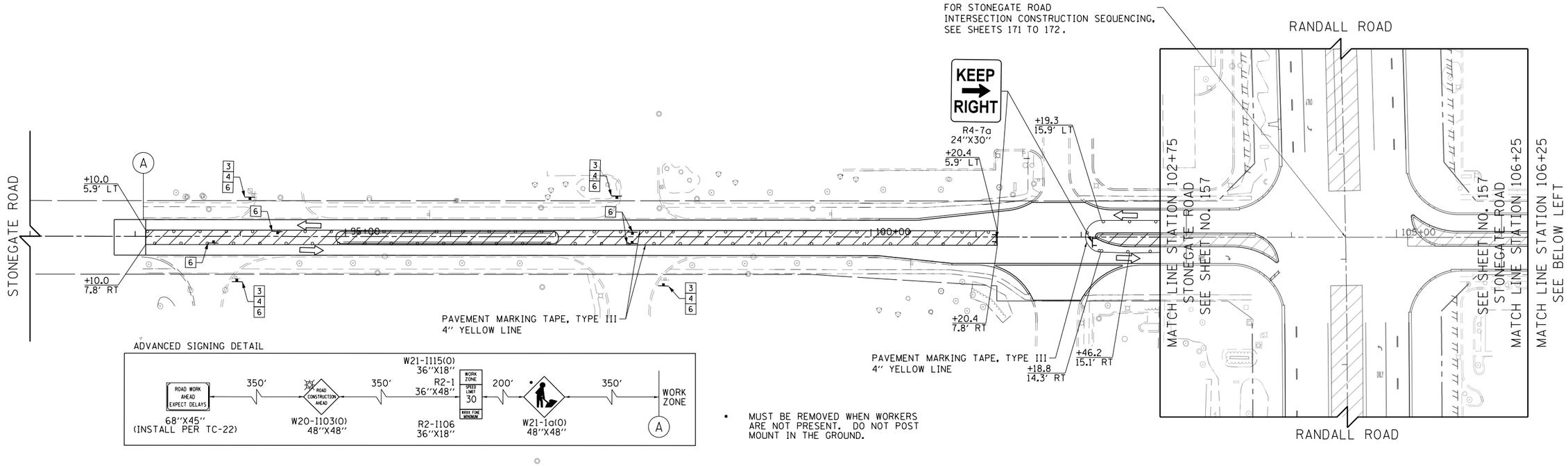
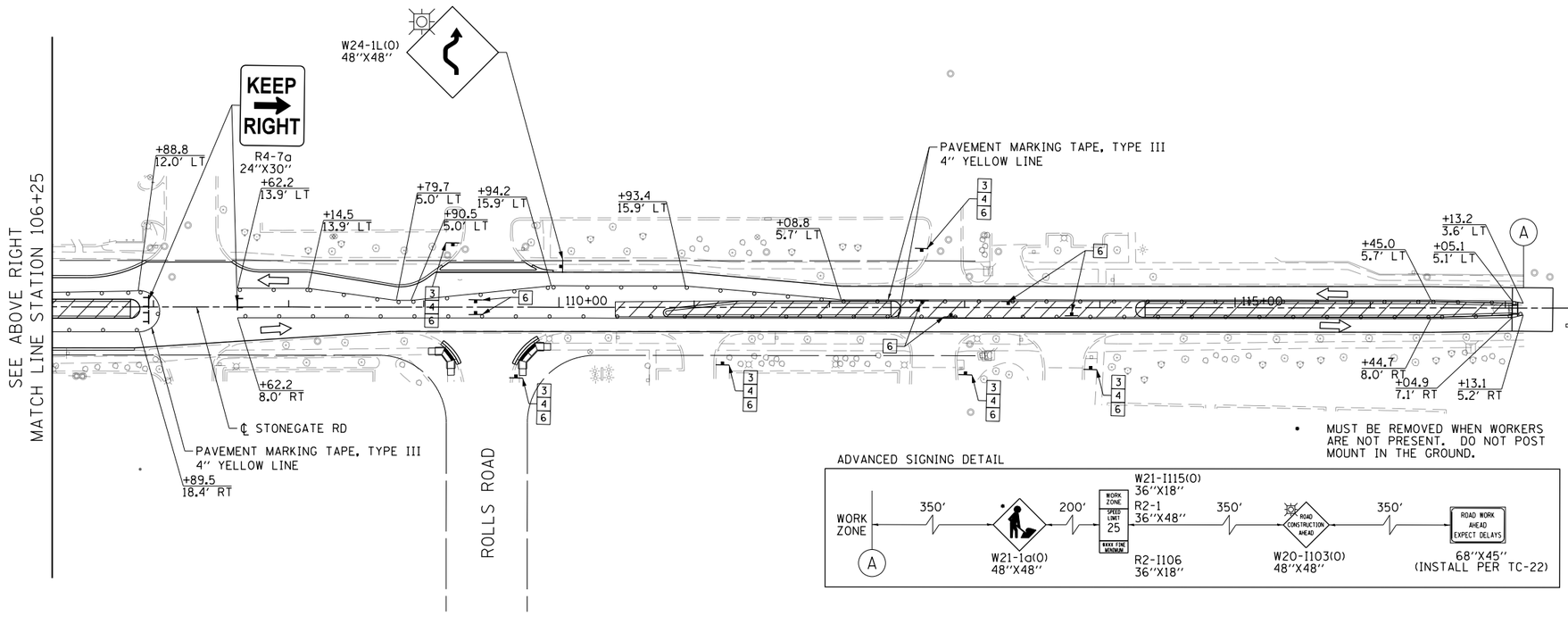
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
BUNKER HILL /HUNTINGTON DRIVE STAGE 3

SCALE: 1" = 50' | SHEET 8 OF 12 SHEETS | STA 8+00 TO STA 28+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	162
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			





- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT
- ARROW BOARD
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONO-DIRECTIONAL FLASHING LIGHT
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
- DIRECTION OF TRAFFIC FLOW

1	DRIVEWAY ENTRANCE →	30" X 30" SEE TC-26
2	DRIVEWAY ENTRANCE ←	30" X 30" SEE TC-26
3		R3-2 24" X 24"
4	STOP	R1-1 36" X 36"
5	STOP HERE ON RED	R10-6a 24" X 36"
6	ONE WAY →	R6-1R 36" X 12"

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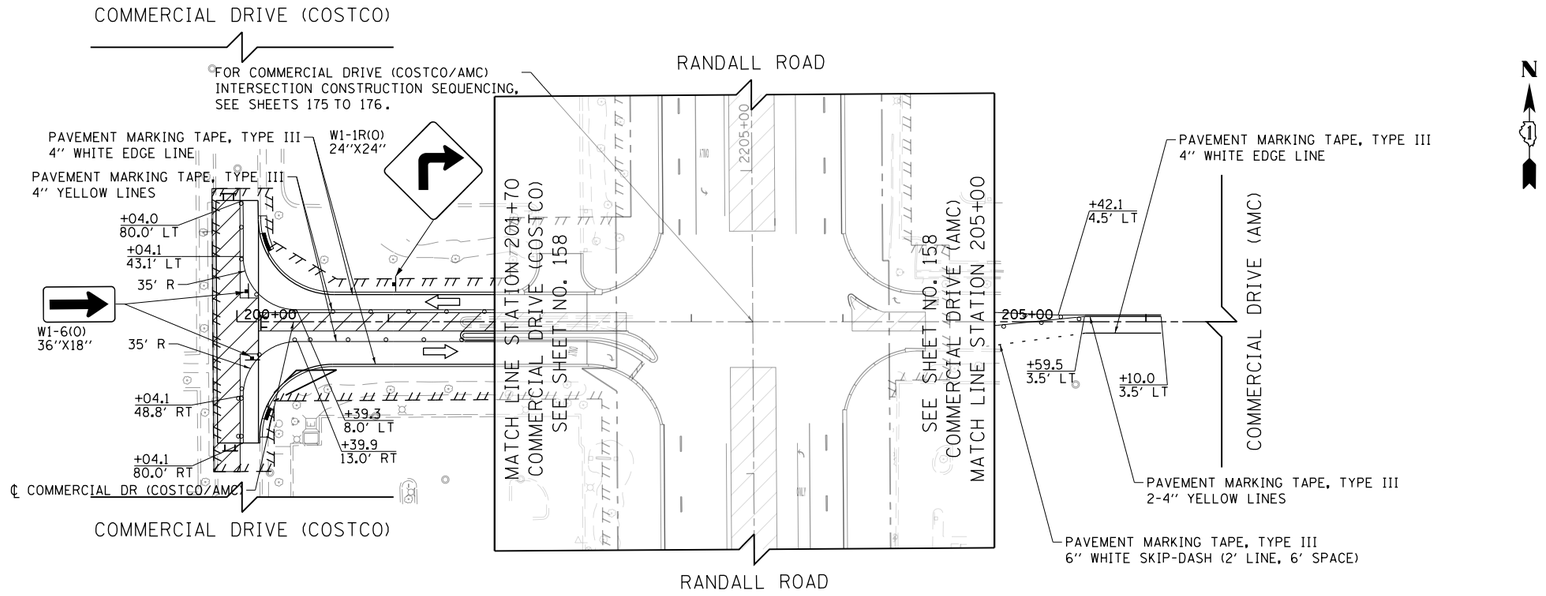
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
STONEGATE ROAD STAGE 3

SCALE: 1" = 50' | SHEET 9 OF 12 SHEETS | STA 100+00 TO STA 109+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	163
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			

Tran Systems



LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT
- ARROW BOARD
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONO-DIRECTIONAL FLASHING LIGHT
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
- DIRECTION OF TRAFFIC FLOW

1. DRIVEWAY ENTRANCE — 30" X 30" SEE TC-26
2. DRIVEWAY ENTRANCE — 30" X 30" SEE TC-26
3. R3-2 — 24" X 24"
4. STOP — R1-1 36" X 36"
5. STOP HERE ON RED — R10-6a 24" X 36"
6. ONE WAY — R6-1R 36" X 12"
7. ONE WAY — R6-1L 36" X 12"

Tran Systems

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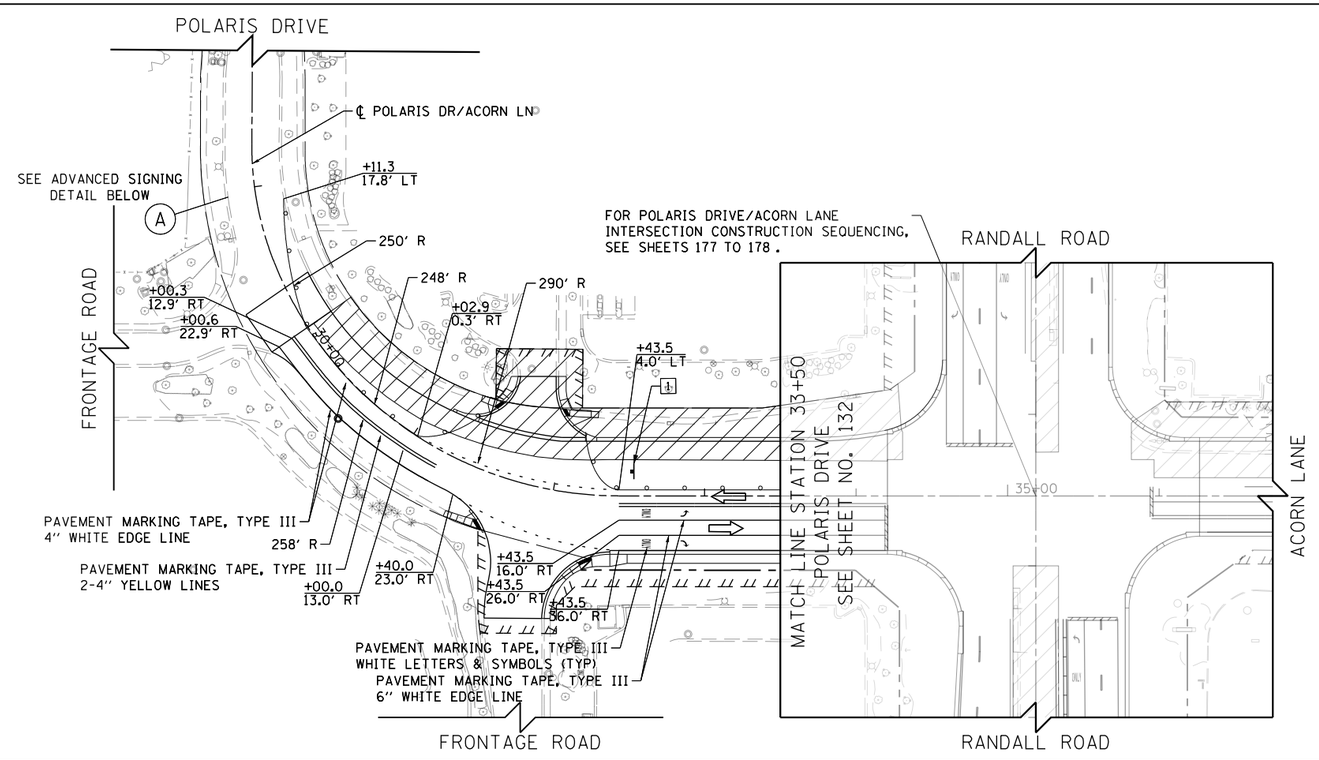
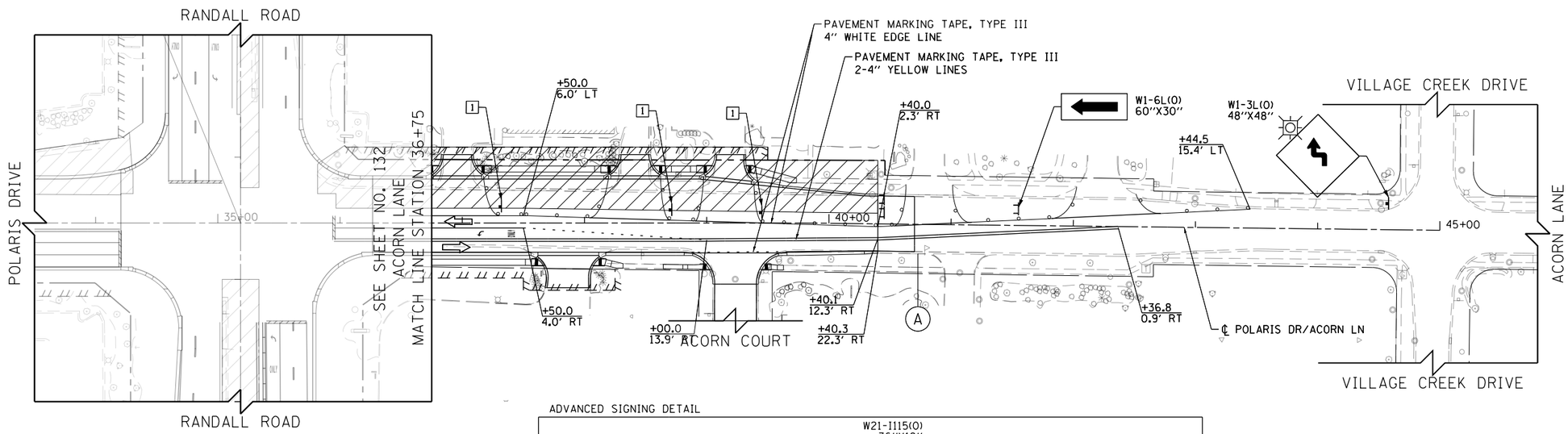
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
COMMERCIAL DRIVE (COSTCO/AMC) STAGE 3

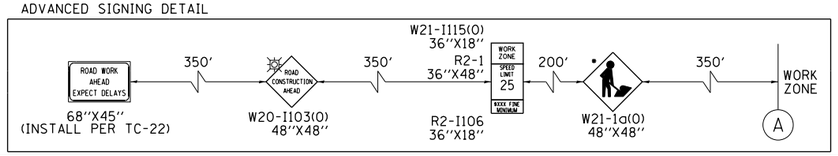
SCALE: 1" = 50' | SHEET 10 OF 12 SHEETS | STA 200+00 TO STA 206+50

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	164
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			





ADVANCED SIGNING DETAIL



• MUST BE REMOVED WHEN WORKERS ARE NOT PRESENT. DO NOT POST MOUNT IN THE GROUND.

LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT
- ARROW BOARD
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONO-DIRECTIONAL FLASHING LIGHT
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
- DIRECTION OF TRAFFIC FLOW

1	DRIVEWAY ENTRANCE →	30" X 30" SEE TC-26
2	DRIVEWAY ENTRANCE ←	30" X 30" SEE TC-26
3		R3-2 24" X 24"
4	STOP	R1-1 36" X 36"
5	STOP HERE ON RED	R10-6a 24" X 36"
6	ONE WAY →	R6-1R 36" X 12"
7	← ONE WAY	R6-1L 36" X 12"

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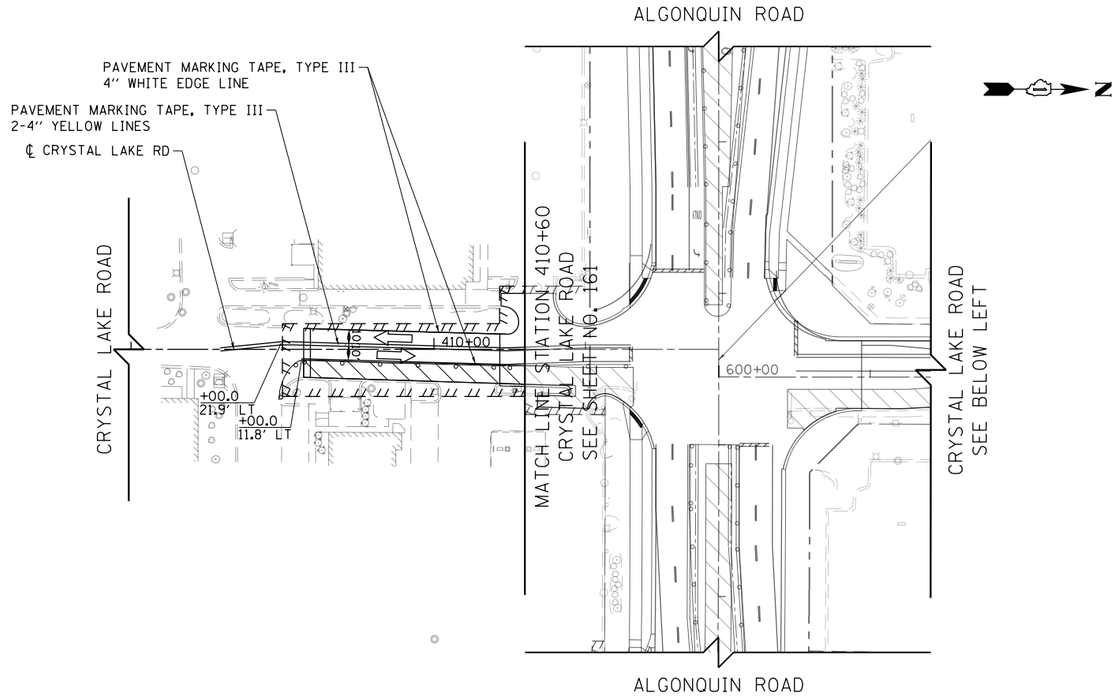
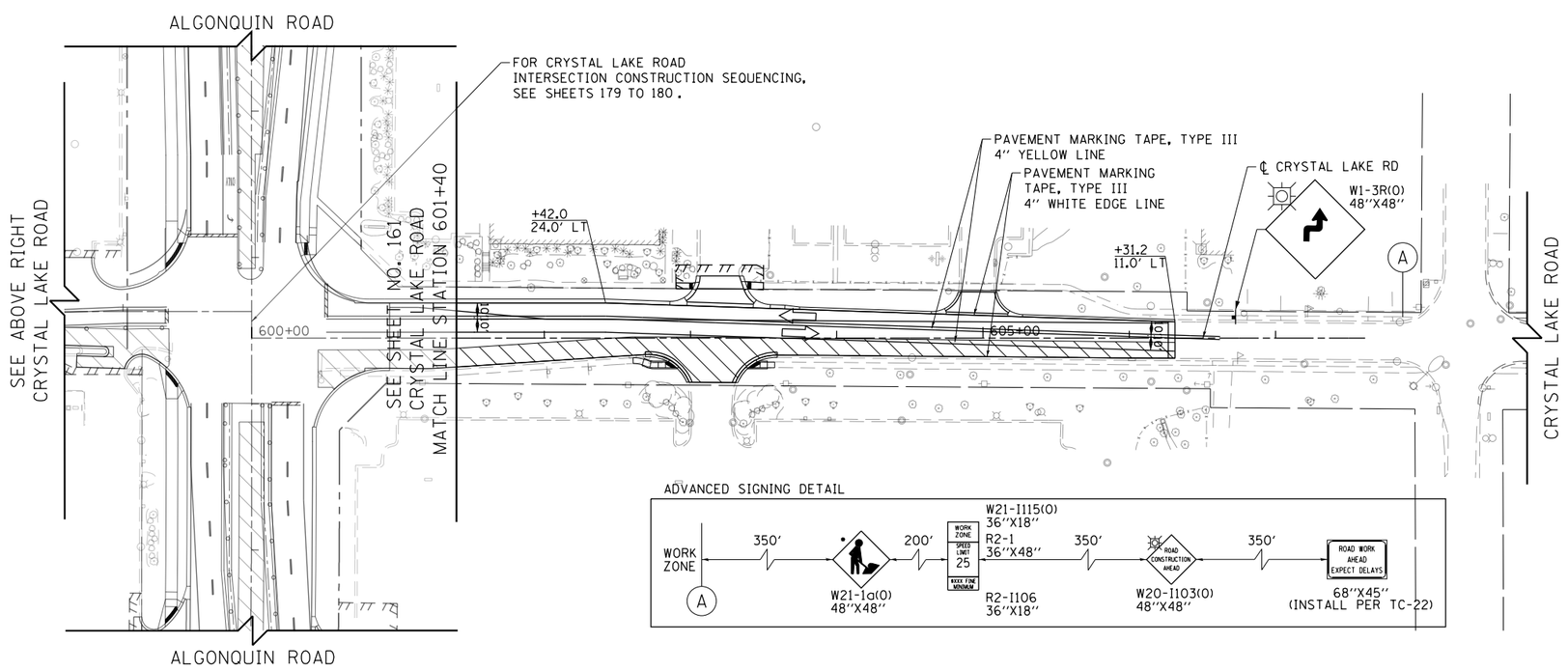
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
POLARIS DRIVE /ACORN LANE STAGE 3

SCALE: 1" = 50' | SHEET 11 OF 12 SHEETS | STA 28+00 TO STA 41+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	165
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			





LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT
- ARROW BOARD
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONO-DIRECTIONAL FLASHING LIGHT
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
- DIRECTION OF TRAFFIC FLOW

1	DRIVEWAY ENTRANCE →	30" X 30" SEE TC-26
2	DRIVEWAY ENTRANCE ←	30" X 30" SEE TC-26
3	R3-2	24" X 24"
4	STOP	R1-1 36" X 36"
5	STOP HERE ON RED	R10-6a 24" X 36"
6	ONE WAY →	R6-1R 36" X 12"
7	← ONE WAY	R6-1L 36" X 12"

Tran Systems

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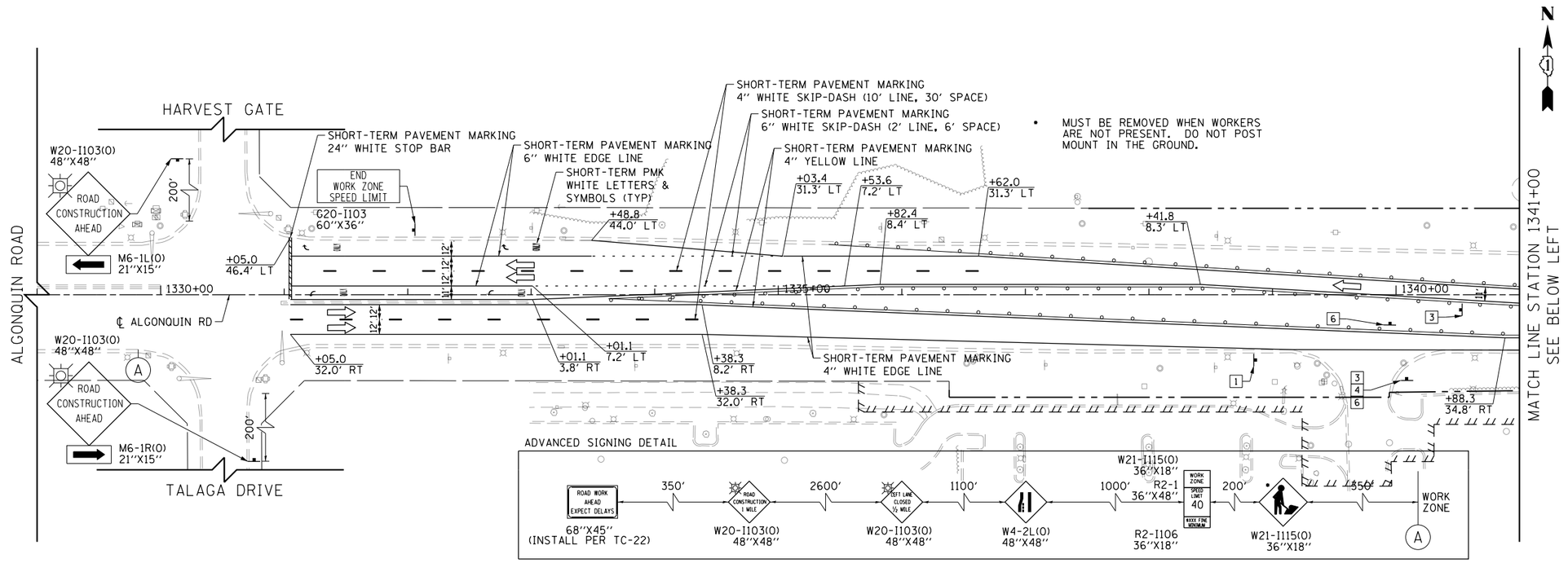
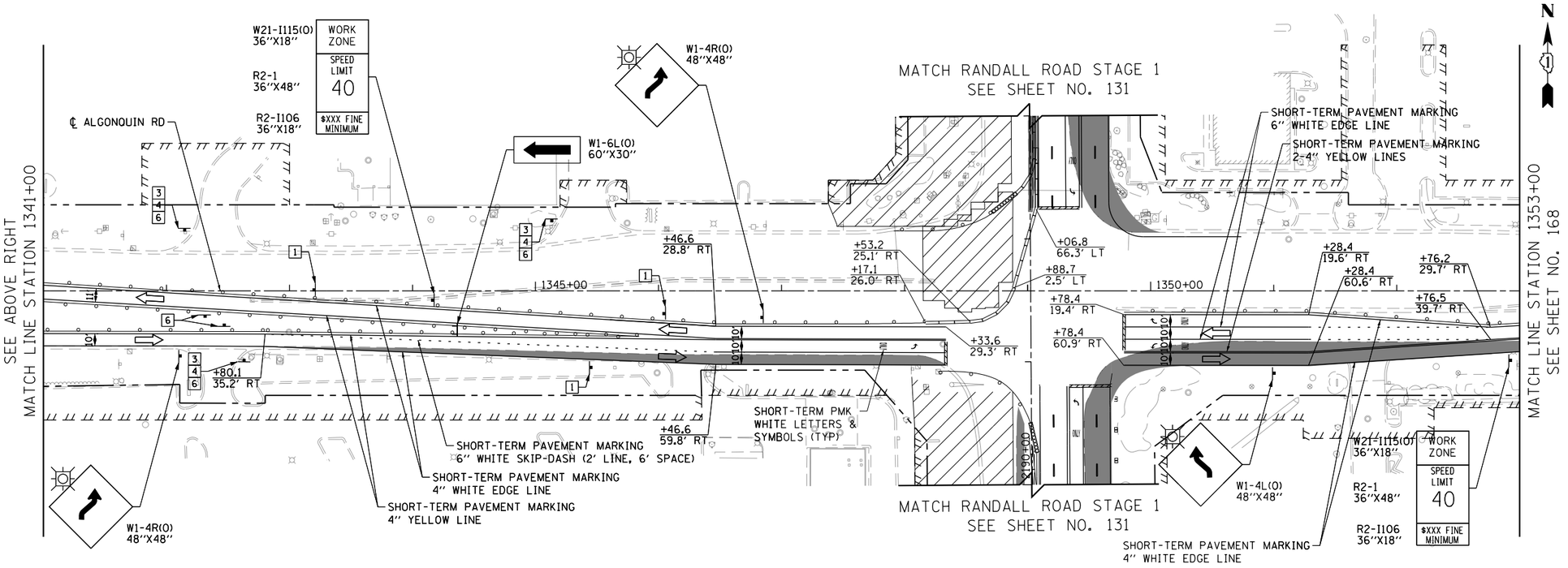
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
CRYSTAL LAKE ROAD STAGE 3

SCALE: 1" = 50' | SHEET 12 OF 12 SHEETS | STA 408+00 | TO STA 607+50

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	166
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			





LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT
- ARROW BOARD
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONO-DIRECTIONAL FLASHING LIGHT
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
- DIRECTION OF TRAFFIC FLOW

1	DRIVEWAY ENTRANCE →	30" X 30" SEE TC-26
2	DRIVEWAY ENTRANCE ←	30" X 30" SEE TC-26
3		R3-2 24" X 24"
4	STOP	R1-1 36" X 36"
5	STOP HERE ON RED	R10-6a 24" X 36"
6	ONE WAY →	R6-1R 36" X 12"

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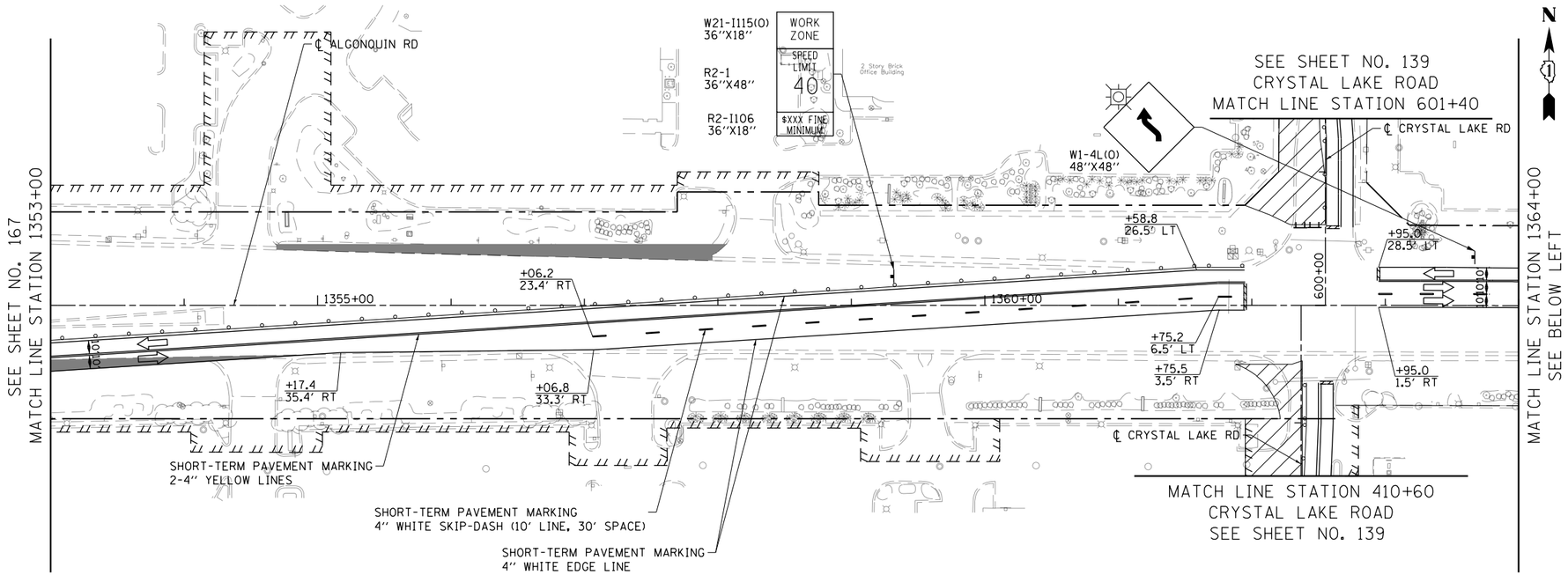
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

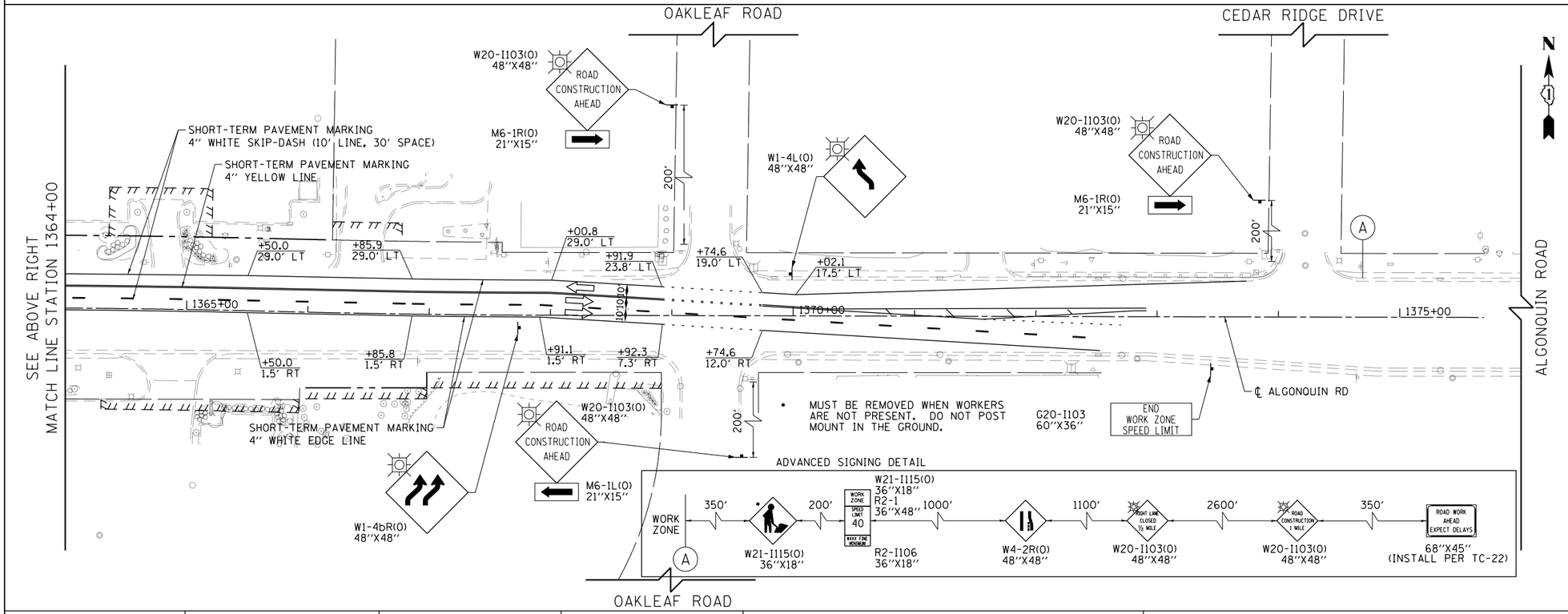
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
ALGONQUIN ROAD LANE REDUCTION

SCALE: 1" = 50' | SHEET 1 OF 2 SHEETS | STA 1334+00 | TO STA 1353+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	167
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			

Trans Systems





LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT
- ARROW BOARD
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONO-DIRECTIONAL FLASHING LIGHT
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- MONO-DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20' C-C
- DIRECTION OF TRAFFIC FLOW

1	DRIVEWAY ENTRANCE →	30" X 30" SEE TC-26
2	DRIVEWAY ENTRANCE ←	30" X 30" SEE TC-26
3	R3-2	24" X 24"
4	STOP	R1-1 36" X 36"
5	STOP HERE ON RED	R10-6a 24" X 36"
6	ONE WAY →	R6-1R 36" X 12"

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
ALGONQUIN ROAD LANE REDUCTION

SCALE: 1" = 50' | SHEET 2 OF 2 SHEETS | STA 1353+00 TO STA 1368+95.01

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	168
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			

SUGGESTED SEQUENCE OF CONSTRUCTION FOR THE INTERSECTION OF RANDALL ROAD AND BUNKER HILL DRIVE / HUNTINGTON DRIVE

STAGING SECTIONS REFER TO RANDALL ROAD CONSTRUCTIONN PROCEDURES AND MAINTENANCE OF TRAFFIC PLAN STAGING

ANY CHANGES TO THE SUGGESTED CONSTRUCTION SEQUENCING SHALL BE COORDINATED WITH AND APPROVED BY THE ENGINEER PRIOR TO IMPLEMENTATION.

PRESTAGE A

1. MAINTAIN TWO WAY TRAFFIC FLOW ON THE WEST SIDE OF RANDALL ROAD. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH APPROACH.

2. MAINTAIN EXISTING TRAFFIC PATTERNS ON BUNKER HILL DRIVE AND HUNTINGTON DRIVE.

3. REFER TO SUGGESTED CONSTRUCTION PROCEDURES AND MAINTENANCE OF TRAFFIC PLANS ON SHEETS 123 TO 127 FOR ADDITIONAL INFORMATION.

4. CONSTRUCT TEMPROARY PAVEMENT REQUIRED FOR STAGE 1 TRAFFIC.

STAGE 1

1. MAINTAIN TWO WAY TRAFFIC ON THE EAST SIDE OF RANDALL ROAD. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH APPROACH.

2. MAINTAIN TWO WAY TRAFFIC ON THE NORTH SIDE OF BUNKER HILL DRIVE AND HUNTINGTON DRIVE. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH APPROACH.

3. REFER TO SUGGESTED CONSTRUCTION PROCEDURES AND MAINTENANCE OF TRAFFIC PLANS ON SHEETS 128 TO 132 AND 135 FOR ADDITIONAL INFORMATION.

4. CONSTRUCT PAVEMENT AREAS LABELED "STAGE 1" AS SHOWN ON SHEET 170. INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 1A.

STAGE 1A

1. MAINTAIN STAGE 1 TRAFFIC PATTERNS ON RANDALL ROAD AND BUNKER HILL DRIVE AND HUNTINGTON DRIVE WITH THE FOLLOWING CHANGES:

    a. MOVE TRAFFIC BARRIERS AT THE NORTHWEST AND SOUTHWEST CORNERS INTO THE INTERSECTION AND AROUND PAVEMENT LABELED "1A" AS SHOWN ON SHEET 170.

2. CONSTRUCT PAVEMENT AREA LABELED "1A" AS SHOWN ON SHEET 170 USING HIGH EARLY STRENGTH CONCRETE MIX. INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 1B.

3. AFTER THE REQUIRED CURE TIME, RETURN RANDALL ROAD, BUNKER HILL DRIVE, AND HUNTINGTON DRIVE INTO STAGE 1 TRAFFIC PATTERNS UNTIL STAGE 1B.

STAGE 1B

1. MAINTAIN STAGE 1 TRAFFIC PATTERNS ON RANDALL ROAD WITH THE FOLLOWING CHANGES:

    a. MOVE TRAFFIC BARRIERS AT THE NORTHWEST CORNER INTO THE INTERSECTION AROUND PAVEMENT LABELED "1B" AS SHOWN ON SHEET 170.

2. PLACE EASTBOUND AND WESTBOUND BUNKER HILL DRIVE AND HUNTINGTON DRIVE TRAFFIC SOUTH INTO STAGE 2. REFER TO CONSTRUCTION PROCEDURES AND MAINTENANCE OF TRAFFIC PLANS ON SHEET 149 FOR ADDITIONAL INFORMATION.

3. CONSTRUCT PAVEMENT AREA LABELED "1B" AS SHOWN ON SHEET 170 USING HIGH EARLY STRENGTH CONCRETE MIX. INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 2.

STAGE 2

1. MAINTAIN TWO WAY TRAFFIC ON THE WEST SIDE OF RANDALL ROAD. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH APPROACH.

2. MAINTAIN TWO WAY TRAFFIC ON THE SOUTH SIDE OF BUNKER HILL DRIVE AND HUNTINGTON DRIVE. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH APPROACH.

3. REFER TO SUGGESTED CONSTRUCTION PROCEDURES AND MAINTENANCE OF TRAFFIC PLANS ON SHEETS 142 TO 146 AND 149 FOR ADDITIONAL INFORMATION.

4. CONSTRUCT PAVEMENT AREAS LABELED "STAGE 2" AS SHOWN ON SHEET 170. INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 2A.

STAGE 2A

1. 1. MAINTAIN STAGE 2 TRAFFIC PATTERNS ON RANDALL ROAD AND BUNKER HILL DRIVE AND HUNTINGTON DRIVE WITH THE FOLLOWING CHANGES:

    a. SHIFT RANDALL TRAFFIC NORTH OF BUNKER HILL DRIVE AND HUNTINGTON DRIVE TO THE WEST 11 FEET

    b. MOVE TRAFFIC BARRIERS AT THE NORTHEAST CORNER INTO THE INTERSECTION AROUND PAVEMENT LABELED "2A" AS SHOWN ON SHEET 170.

2. CONSTRUCT PAVEMENT AREA LABELED "2A" AS SHOWN ON SHEET 170 USING HIGH EARLY STRENGTH CONCRETE MIX. INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 2B.

3. AFTER THE REQUIRED CURE TIME, RETURN RANDALL ROAD, BUNKER HILL DRIVE, AND HUNTINGTON DRIVE INTO STAGE 2 TRAFFIC PATTERNS UNTIL STAGE 2B.

STAGE 2B

1. MAINTAIN STAGE 2 TRAFFIC PATTERNS ON THE WEST SIDE OF RANDALL ROAD. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH APPROACH.

2. PLACE EASTBOUND AND WESTBOUND BUNKER HILL DRIVE AND HUNTINGTON DRIVE TRAFFIC NORTH BACK INTO THE STAGE 1 CONFIGERATION. REFER TO SUGGESTED CONSTRUCTION PROCEDURES AND MAINTENANCE OF TRAFFIC PLANS ON SHEET 135 FOR ADDITIONAL INFORMATION.

3. CONSTRUCT PAVEMENT AREA LABELED "2B" AS SHOWN ON SHEET 170. INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 2C.

STAGE 2C

1. MAINTAN STAGE 2B TRAFFIC PATTERNS ON THE WEST SIDE OF RANDALL ROAD AND NORTH SIDE OF BUNKER HILL DRIVE AND HUNTINGTON DRIVE WITH THE FOLLOWING CHANGES:

    a. MOVE TRAFFIC BARRIERS AT THE SOUTHEAST CORNER INTO INTERSECTION AROUND PAVEMENT LABELED AS "2C" AS SHOWN ON SHEET 170.

2. CONSTRUCT PAVEMENT AREA LABELED "2C" AS SHOWN ON SHEET 170 USING HIGH EARLY STRENGTH CONCRETE MIX. INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 2D.

STAGE 2D

1. WITH RANDALL ROAD IN THE STAGE 3 TRAFFIC PATTERNS MAKE THE FOLLOWING CHANGE:

    a. SHIFT THE SOUTHBOUND TO EASTBOUND LEFT TURN LANE EAST ADJACENT TO NORTHBOUND RANDALL TRAFFIC LANES. PROVIDE A MINIMUM 11-FOOT LANE FOR THE LEFT TURN MOVEMENT.

2. PLACE EASTBOUND AND WESTBOUND BUNKER HILL DRIVE AND HUNTINGTON DRIVE TRAFFIC SOUTH BACK INTO THE STAGE 2 CONFIGERATION. REFER TO CONSTRUCTION PROCEDURES AND MAINTENANCE OF TRAFFIC PLANS ON SHEET 149 FOR ADDITIONAL INFORMATION.

3. CONSTRUCT PAVEMENT AREA LABELED "2D" AS SHOWN ON SHEET 170. INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 2E.

STAGE 2E

1. WITH RANDALL ROAD IN THE STAGE 3 TRAFFIC PATTERNS MAKE THE FOLLOWING CHANGE:

    a. SHIFT THE NORTHBOUND TO WESTBOUND LEFT TURN LANE WEST ADJACENT TO SOUTHBOUND RANDALL TRAFFIC LANES. PROVIDE A MINIMUM 11-FOOT LANE FOR THE LEFT TURN MOVEMENT.

2. PLACE EASTBOUND AND WESTBOUND BUNKER HILL DRIVE AND HUNTINGTON DRIVE TRAFFIC NORTH BACK INTO THE STAGE 1 CONFIGERATION. REFER TO CONSTRUCTION PROCEDURES AND MAINTENANCE OF TRAFFIC PLANS ON SHEET 162 FOR ADDITIONAL INFORMATION.

3. CONSTRUCT PAVEMENT AREA LABELED "2E" AS SHOWN ON SHEET 170. INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 3.

STAGE 3

1. MAINTAIN TWO WAY TRAFFIC ON THE OUTSIDE LANES OF RANDALL ROAD. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH APPROACH.

2. MAINTAIN TWO WAY TRAFFIC ON THE OUTSIDE LANES OF BUNKER HILL DRIVE AND HUNTINGTON DRIVE. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH APPROACH.

3. REFER TO SUGGESTED CONSTRUCTION PROCEDURES AND MAINTENANCE OF TRAFFIC PLANS ON SHEETS 155 TO 159 AND 162 FOR ADDITIONAL INFORMATION.

4. CONSTRUCT PAVEMENT AREAS LABELED "STAGE 3" AS SHOWN ON SHEET 170.

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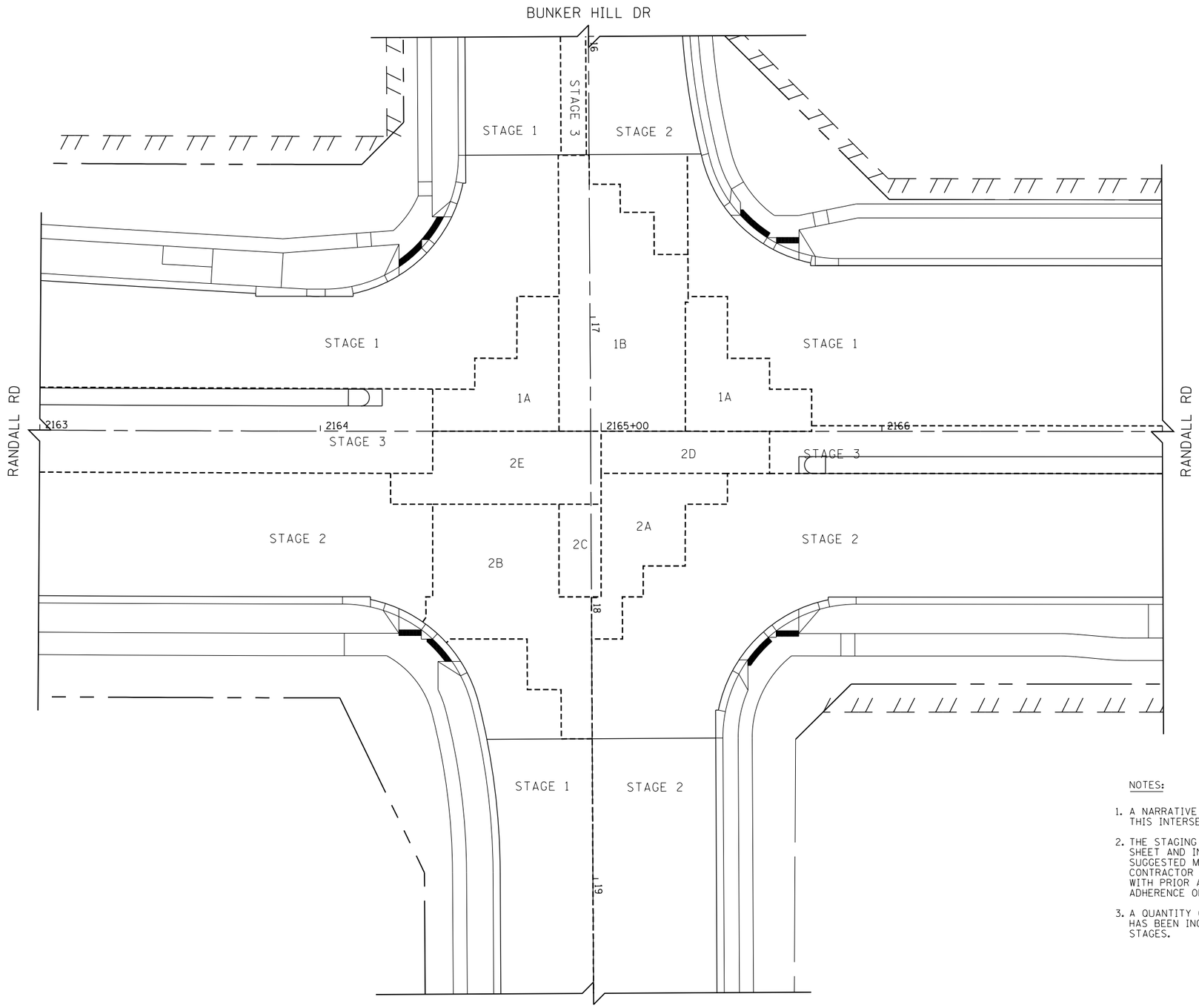
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
INTERSECTION CONSTRUCTION SEQUENCING
RANDALL RD AT BUNKER HILL DR /HUNTINGTON DR

SCALE: NONE | SHEET 1 OF 12 SHEETS

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	169
		CONTRACT NO. 61E53		
		ILLINOIS FED. AID PROJECT		



NOTES:

1. A NARRATIVE OF THE CONSTRUCTION STAGING FOR THIS INTERSECTION CAN BE FOUND ON SHEET 169 .
2. THE STAGING BOUNDARIES PRESENTED IN THIS SHEET AND IN THE STAGE DETAIL SHEETS ARE A SUGGESTED METHOD OF CONSTRUCTION. THE CONTRACTOR CAN PROPOSE ALTERNATIVE METHOD(S) WITH PRIOR APPROVAL OF THE ENGINEER AND IN ADHERENCE OF COUNTY POLICIES.
3. A QUANTITY OF TEMPORARY PAVEMENT (VARIABLE DEPTH) HAS BEEN INCLUDED FOR INTERSECTION GRADING BETWEEN STAGES.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
INTERSECTION CONSTRUCTION SEQUENCING
RANDALL RD AT BUNKER HILL DR /HUNTINGTON DR

SCALE: 1'' = 20' | SHEET 2 OF 12 SHEETS | STA TO STA

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	170
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			

SUGGESTED SEQUENCE OF CONSTRUCTION FOR THE INTERSECTION OF RANDALL ROAD STONEGATE ROAD

STAGING SECTIONS REFER TO RANDALL ROAD CONSTRUCTIONN PROCEDURES AND MAINTENANCE OF TRAFFIC PLAN STAGING

ANY CHANGES TO THE SUGGESTED CONSTRUCTION SEQUENCING SHALL BE COORDINATED WITH AND APPROVED BY THE ENGINEER PRIOR TO IMPLEMENTATION.

PRESTAGE A

1. MAINTAIN TWO WAY TRAFFIC FLOW ON THE WEST SIDE OF RANDALL ROAD. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH APPROACH.

2. MAINTAIN EXISTING TRAFFIC PATTERNS ON STONEGATE ROAD.

3. REFER TO SUGGESTED CONSTRUCTION PROCEDURES AND MAINTENANCE OF TRAFFIC PLANS ON SHEETS 123 TO 127 FOR ADDITIONAL INFORMATION.

4. CONSTRUCT TEMPROARY PAVEMENT REQURED FOR STAGE 1 TRAFFIC.

STAGE 1

1. MAINTAIN TWO WAY TRAFFIC ON THE EAST SIDE OF RANDALL ROAD. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH APPROACH.

2. MAINTAIN TWO WAY TRAFFIC ON THE NORTH SIDE OF STONEGATE ROAD. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH APPROACH.

3. REFER TO SUGGESTED CONSTRUCTION PROCEDURES AND MAINTENANCE OF TRAFFIC PLANS ON SHEETS 128 TO 132 AND 136 FOR ADDITIONAL INFORMATION.

4. CONSTRUCT PAVEMENT AREAS LABELED "STAGE 1" AS SHOWN ON SHEET 172 . INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 1A.

STAGE 1A

1. MAINTAIN STAGE 1 TRAFFIC PATTERNS ON RANDALL ROAD AND STONEGATE ROAD WITH THE FOLLOWING CHANGES:

    a. REMOVE THROUGH LANES FROM STONEGATE ROAD AND SHIFT THE EASTBOUND TO SOUTHBOUND RIGHT TURN LANE ON STONEGATE WEST OF RANDALL SOUTH ONTO THE NEWLY CONSTRUCTED STAGE 1 PAVEMENT.

    b. LEFT/RIGHT IN AND RIGHT OUT ONLY MOVEMENTS SHALL BE MAINTAINED FOR EASTBOUND AND WESTBOUND TRAFFIC ON STONEGATE ROAD. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR NORTHBOUND AND SOUTHBOUND TRAFFIC ON RANDALL ROAD.

2. CONSTRUCT PAVEMENT AREA LABELED "1A" AS SHOWN ON SHEET 172 . INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 1B.

STAGE 1B

1. MAINTAIN STAGE 1A TRAFFIC PATTERNS ON RANDALL ROAD AND STONEGATE ROAD WITH THE FOLLOWING CHANGES:

    a. SHIFT WESTBOUND TRAFFIC ON STONEGATE WEST OF RANDALL SOUTH AND PUSH BARRICADES IN THE NORTHWEST CORNER INTO THE INTERSECTION AROUND PAVEMENT LABELED "1B" AS SHOWN ON SHEET 172 .

    b. LEFT/RIGHT IN AND RIGHT OUT ONLY MOVEMENTS SHALL BE MAINTAINED FOR EASTBOUND AND WESTBOUND TRAFFIC ON STONEGATE ROAD. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR NORTHBOUND AND SOUTHBOUND TRAFFIC ON RANDALL ROAD.

2. CONSTRUCT PAVEMENT AREA LABELED "1B" AS SHOWN ON SHEET 172 . INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 2.

STAGE 2

1. MAINTAIN TWO WAY TRAFFIC ON THE WEST SIDE OF RANDALL ROAD. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH APPROACH.

2. MAINTAIN LEFT/RIGHT IN AND RIGHT OUT ONLY ON STONEGATE ROAD.

3. REFER TO SUGGESTED CONSTRUCTION PROCEDURES AND MAINTENANCE OF TRAFFIC PLANS ON SHEETS 142 TO 146 AND 150 FOR ADDITIONAL INFORMATION.

4. CONSTRUCT PAVEMENT AREAS LABELED "STAGE 2" AS SHOWN ON SHEET 172 . INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 2A.

STAGE 2A

1. MAINTAIN STAGE 2 TRAFFIC PATTERNS ON RANDALL ROAD AND STONEGATE ROAD WITH THE FOLLOWING CHANGES:

    a. SHIFT WESTBOUND TO NORTHBOUND RIGHT TURN ONLY LANE EAST OF RANDALL NORTH ONTO THE NEWLY CONSTRUCTED STAGE 2 PAVEMENT.

    b. LEFT/RIGHT IN AND RIGHT OUT ONLY MOVEMENTS SHALL BE MAINTAINED FOR EASTBOUND AND WESTBOUND TRAFFIC ON STONEGATE ROAD. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR NORTHBOUND AND SOUTHBOUND TRAFFIC ON RANDALL ROAD.

2. CONSTRUCT PAVEMENT AREA LABELED "2A" AS SHOWN ON SHEET 172 . INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 2B.

STAGE 2B

1. MAINTAIN STAGE 2A TRAFFIC PATTERNS ON RANDALL ROAD AND STONEGATE ROAD WITH THE FOLLOWING CHANGES:

    a. SHIFT WESTBOUND TRAFFIC ON STONEGATE EAST OF RANDALL NORTH AND PUSH BARRICADES IN THE SOUTHEAST CORNER INTO THE INTERSECTION AROUND PAVEMENT LABELED "2B" AS SHOWN ON SHEET 172 .

    b. LEFT/RIGHT IN AND RIGHT OUT ONLY MOVEMENTS SHALL BE MAINTAINED FOR EASTBOUND AND WESTBOUND TRAFFIC ON STONEGATE ROAD. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR NORTHBOUND AND SOUTHBOUND TRAFFIC ON RANDALL ROAD.

2. CONSTRUCT PAVEMENT AREA LABELED "2B" AS SHOWN ON SHEET 172 . INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 2C.

STAGE 2C

1. WITH RANDALL ROAD AND STONEGATE ROAD IN STAGE 3 TRAFFIC PATTERNS, MAKE THE FOLLOWING CHANGES:

    a. SHIFT THE NORTHBOUND TO WESTBOUND LEFT TURN LANE WEST AND THE SOUTHBOUND TO EASTBOUND LEFT TURN LANE EAST AROUND THE PAVEMENT AREA LABELED AS "2C" ON SHEET 172 .

2. CONSTRUCT PAVEMENT AREA LABELED "2C" AS SHOWN ON SHEET 172 . INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 3.

STAGE 3

1. MAINTAIN TWO WAY TRAFFIC ON THE OUTSIDE LANES OF RANDALL ROAD. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH APPROACH.

2. MAINTAIN LEFT/RIGHT IN AND RIGHT OUT ONLY ON THE OUTSIDE LANES OF STONEGATE ROAD.

3. REFER TO SUGGESTED CONSTRUCTION PROCEDURES AND MAINTENANCE OF TRAFFIC PLANS ON SHEETS 155 TO 159 AND 162 FOR ADDITIONAL INFORMATION.

4. CONSTRUCT PAVEMENT AREAS LABELED "STAGE 3" AS SHOWN ON SHEET 172 .

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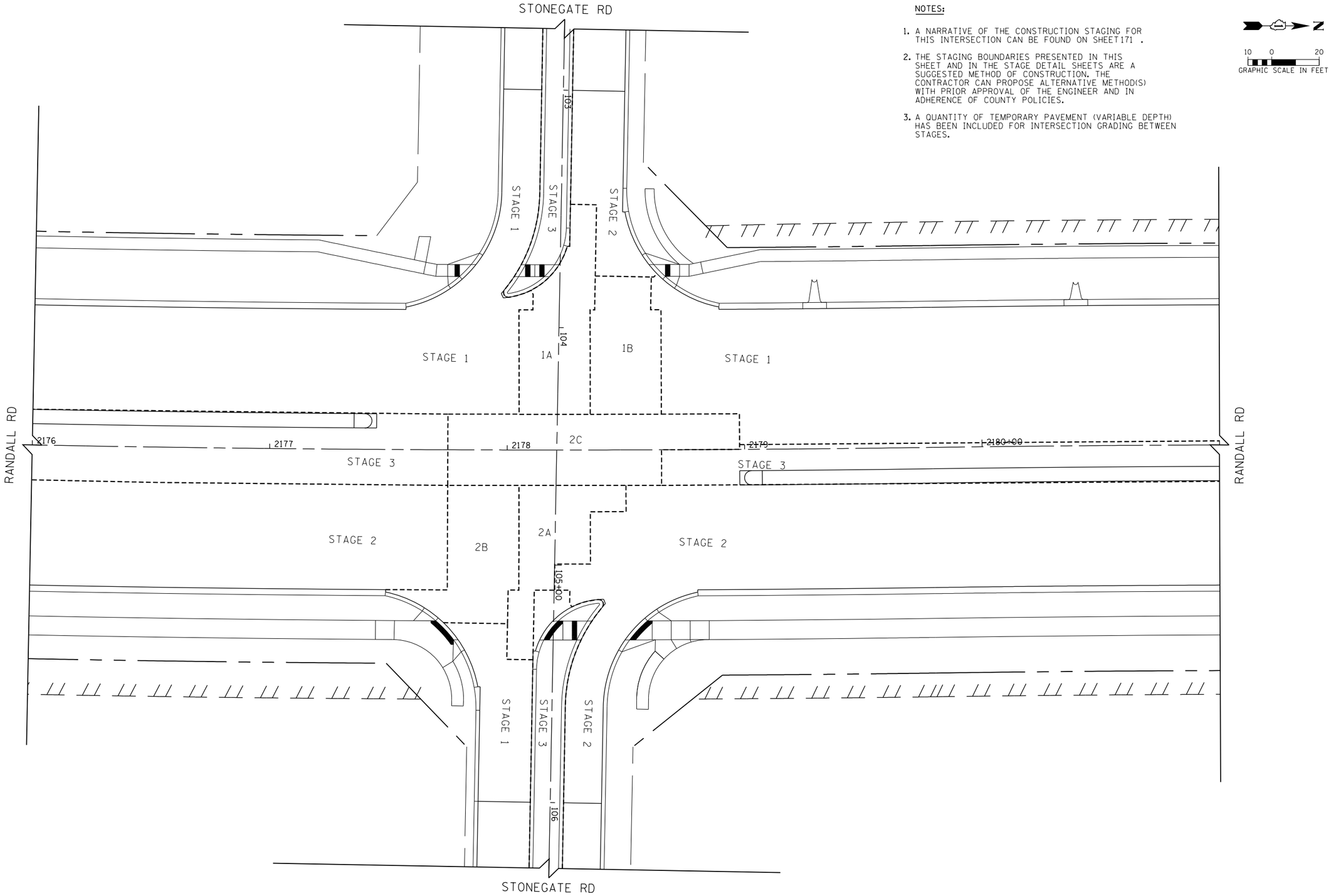
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
INTERSECTION CONSTRUCTION SEQUENCING
RANDALL RD AT STONEGATE RD

SCALE: NONE | SHEET 3 OF 12 SHEETS

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	171
		CONTRACT NO. 61E53		
		ILLINOIS FED. AID PROJECT		



NOTES:

1. A NARRATIVE OF THE CONSTRUCTION STAGING FOR THIS INTERSECTION CAN BE FOUND ON SHEET171 .
2. THE STAGING BOUNDARIES PRESENTED IN THIS SHEET AND IN THE STAGE DETAIL SHEETS ARE A SUGGESTED METHOD OF CONSTRUCTION. THE CONTRACTOR CAN PROPOSE ALTERNATIVE METHOD(S) WITH PRIOR APPROVAL OF THE ENGINEER AND IN ADHERENCE OF COUNTY POLICIES.
3. A QUANTITY OF TEMPORARY PAVEMENT (VARIABLE DEPTH) HAS BEEN INCLUDED FOR INTERSECTION GRADING BETWEEN STAGES.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
INTERSECTION CONSTRUCTION SEQUENCING
RANDALL RD AT STONEGATE RD

SCALE: 1" = 20' | SHEET 4 OF 12 SHEETS | STA | TO STA

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	172
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			

SUGGESTED SEQUENCE OF CONSTRUCTION FOR THE INTERSECTION OF RANDALL ROAD AND ALGONQUIN ROAD

SUGGESTED SEQUENCE OF CONSTRUCTION FOR THE INTERSECTION OF RANDALL ROAD AND ALGONQUIN ROAD

APPROACH STAGING IS SHOWN IN THE SUGGESTED CONSTRUCTION PROCEDURES AND MAINTENANCE OF TRAFFIC PLANS.

ANY CHANGES TO THE SUGGESTED CONSTRUCTION SEQUENCING SHALL BE COORDINATED WITH THE ENGINEER PRIOR TO IMPLEMENTATION.

PRESTAGE A

1. MAINTAIN TWO WAY TRAFFIC FLOW ON THE WEST SIDE OF RANDALL ROAD. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH APPROACH.

2. MAINTAIN EXISTING TRAFFIC PATTERNS ON ALGONQUIN ROAD.

3. REFER TO SUGGESTED CONSTRUCTION PROCEDURES AND MAINTENANCE OF TRAFFIC PLANS ON SHEETS 123 TO 127 FOR ADDITIONAL INFORMATION.

4. CONSTRUCT TEMPROARY PAVEMENT REQURED FOR STAGE 1 TRAFFIC.

STAGE 1

1. MAINTAIN TWO WAY TRAFFIC ON THE EAST SIDE OF RANDALL ROAD. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH APPROACH.

2. MAINTAIN TWO WAY TRAFFIC ON THE NORTH SIDE OF ALGONQUIN ROAD. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH APPROACH.

3. REFER TO SUGGESTED CONSTRUCTION PROCEDURES AND MAINTENANCE OF TRAFFIC PLANS ON SHEETS 128 TO 134 FOR ADDITIONAL INFORMATION.

4. CONSTRUCT PAVEMENT AREAS LABELED "STAGE 1" AS SHOWN ON SHEET 174 . INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 1A.

STAGE 1A

1. MAINTAIN STAGE 1 TRAFFIC PATTERNS ON RANDALL ROAD AND ALGONQUIN ROAD WITH THE FOLLOWING CHANGES:

   a. MOVE TRAFFIC BARRIERS AT THE NORTHWEST CORNER INTO THE INTERSECTION AND AROUND PAVEMENT LABELED "1A" AS SHOWN ON SHEET 174 .

   b. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR RANDALL ROAD AND ALGONQUIN ROAD.

2. CONSTRUCT PAVEMENT AREA LABELED "1A" AS SHOWN ON SHEET 174 . INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 1B.

STAGE 1B

1. WITH RANDALL ROAD IN STAGE 3 TRAFFIC PATTERNS, MAINTAIN STAGE 1 TRAFFIC PATTERNS ON ALGONQUIN ROAD.

2. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR RANDALL ROAD AND ALGONQUIN ROAD.

3. REFER TO SUGGESTED CONSTRUCTION PROCEDURES AND MAINTENANCE OF TRAFFIC PLANS ON SHEETS 155 TO 159 FOR RANDALL ROAD AND SHEETS 133 TO 134 FOR ALGONQUIN ROAD FOR ADDITIONAL INFORMATION.

4. CONSTRUCT PAVEMENT AREA LABELED "1B" AS SHOWN ON SHEET 174 . INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 1C.

STAGE 1C

1. WITH RANDALL ROAD IN STAGE 2 TRAFFIC PATTERNS, MAINTAIN STAGE 1 TRAFFIC PATTERNS ON ALGONQUIN ROAD.

2. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR RANDALL ROAD AND ALGONQUIN ROAD.

3. REFER TO SUGGESTED CONSTRUCTION PROCEDURES AND MAINTENANCE OF TRAFFIC PLANS ON SHEETS 142 TO 146 FOR RANDALL ROAD AND SHEETS 133 TO 134 FOR ALGONQUIN ROAD FOR ADDITIONAL INFORMATION.

STAGE 1C (CONTINUED)

4. CONSTRUCT PAVEMENT AREAS LABELED "STAGE 1C" AS SHOWN ON SHEET 174 . INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 2.

STAGE 2

1. MAINTAIN TWO WAY TRAFFIC ON THE WEST SIDE OF RANDALL ROAD. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH APPROACH.

2. MAINTAIN TWO WAY TRAFFIC ON THE SOUTH SIDE OF ALGONQUIN ROAD. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH APPROACH.

3. REFER TO SUGGESTED CONSTRUCTION PROCEDURES AND MAINTENANCE OF TRAFFIC PLANS ON SHEETS 142 TO 148 FOR ADDITIONAL INFORMATION.

4. CONSTRUCT PAVEMENT AREAS LABELED "STAGE 2" AS SHOWN ON SHEET 174 . INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 2A.

STAGE 2A

1. MAINTAIN STAGE 2 TRAFFIC PATTERNS ON RANDALL ROAD AND ALGONQUIN ROAD WITH THE FOLLOWING CHANGES:

   a. MOVE TRAFFIC BARRIERS AT THE NORTHEAST CORNER INTO THE INTERSECTION AND AROUND PAVEMENT LABELED "2A" AS SHOWN ON SHEET 174 .

   b. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR RANDALL ROAD AND ALGONQUIN ROAD.

2. CONSTRUCT PAVEMENT AREA LABELED "2A" AS SHOWN ON SHEET 174 . INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 2B.

STAGE 2B

1. WITH ALGONQUIN ROAD IN STAGE 3 TRAFFIC PATTERNS, MAINTAIN STAGE 2 TRAFFIC PATTERNS ON RANDALL ROAD.

2. REFER TO SUGGESTED CONSTRUCTION PROCEDURES AND MAINTENANCE OF TRAFFIC PLANS ON SHEETS 155 TO 159 FOR RANDALL ROAD AND SHEETS 147 TO 148 FOR ALGONQUIN ROAD FOR ADDITIONAL INFORMATION.

3. CONSTRUCT PAVEMENT AREA LABELED "2B" AS SHOWN ON SHEET 174 . INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 2C.

STAGE 2C

1. WITH RANDALL ROAD IN STAGE 3 TRAFFIC PATTERNS AND ALGONQUIN ROAD IN STAGE 2 TRAFFIC PATTERNS, MAKE THE FOLLOWING CHANGES:

   a. SHIFT THE SOUTHBOUND TO EASTBOUND LEFT TURN LANE EAST AROUND THE PAVEMENT AREA LABELED AS "2C" ON SHEET 174 .

2. CONSTRUCT PAVEMENT AREA LABELED "2C" AS SHOWN ON SHEET 174 . INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 2D.

STAGE 2D

1. WITH RANDALL ROAD AND ALGONQUIN ROAD IN STAGE 3 TRAFFIC PATTERNS, MAKE THE FOLLOWING CHANGES:

   a. SHIFT THE SOUTHBOUND TO EASTBOUND LEFT TURN LANE EAST AROUND THE PAVEMENT AREA LABELED AS "2D" ON SHEET 174 .

   b. SHIFT THE NORTHBOUND TO WESTBOUND LEFT TURN LANE WEST AROUND THE PAVEMENT AREA LABELED AS "2D" ON SHEET 174 .

   c. SHIFT THE EASTBOUND TO NORTHBOUND LEFT TURN LANE NORTH AROUND THE PAVEMENT AREA LABELED AS "2D" ON SHEET 174 .

STAGE 2D (CONTINUED)

   d. SHIFT THE WESBOUND SOUTHBOUND LEFT TURN LANE SOUTH AROUND THE PAVEMENT AREA LABELED AS "2D" ON SHEET 174 .

   e. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR RANDALL ROAD AND ALGONQUIN ROAD.

2. CONSTRUCT PAVEMENT AREAS LABELED "STAGE 2D" AS SHOWN ON SHEET 174 . INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 2E.

STAGE 2E

1. WITH RANDALL ROAD IN STAGE 1 TRAFFIC PATTERNS AND ALGONQUIN ROAD IN STAGE 3 TRAFFIC PATTERNS, MAKE THE FOLLOWING CHANGES:

   a. SHIFT THE EASTBOUND TO NORTHBOUND LEFT TURN LANE NORTH AROUND THE PAVEMENT AREA LABELED AS "2E" ON SHEET 174 .

   b. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR RANDALL ROAD AND ALGONQUIN ROAD.

2. CONSTRUCT PAVEMENT AREAS LABELED "STAGE 2E" AS SHOWN ON SHEET 174 . INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 2F.

STAGE 2F

1. MAINTAIN RANDALL ROAD IN STAGE 1 TRAFFIC PATTERNS WITH ALGONQUIN ROAD IN STAGE 2 TRAFFIC PATTERNS.

2. REFER TO SUGGESTED CONSTRUCTION PROCEDURES AND MAINTENANCE OF TRAFFIC PLANS ON SHEETS 128 TO 132 FOR RANDALL ROAD AND SHEETS 147 TO 148 FOR ALGONQUIN ROAD FOR ADDITIONAL INFORMATION.

3. CONSTRUCT PAVEMENT AREAS LABELED "STAGE 2F" AS SHOWN ON SHEET 174 . INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 3.

STAGE 3

1. MAINTAIN TWO WAY TRAFFIC ON THE WEST SIDE OF RANDALL ROAD. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH APPROACH.

2. MAINTAIN TWO WAY TRAFFIC ON THE OUTSIDE LANES OF ALGONQUIN ROAD. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH APPROACH.

3. REFER TO SUGGESTED CONSTRUCTION PROCEDURES AND MAINTENANCE OF TRAFFIC PLANS ON SHEETS 155 TO 161 FOR ADDITIONAL INFORMATION.

4. CONSTRUCT PAVEMENT AREAS LABELED "STAGE 3" AS SHOWN ON SHEET 174 .

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FILENAME = DINNNNN-sht-staging-Int-05	DRAWN - MKW	REVISED -
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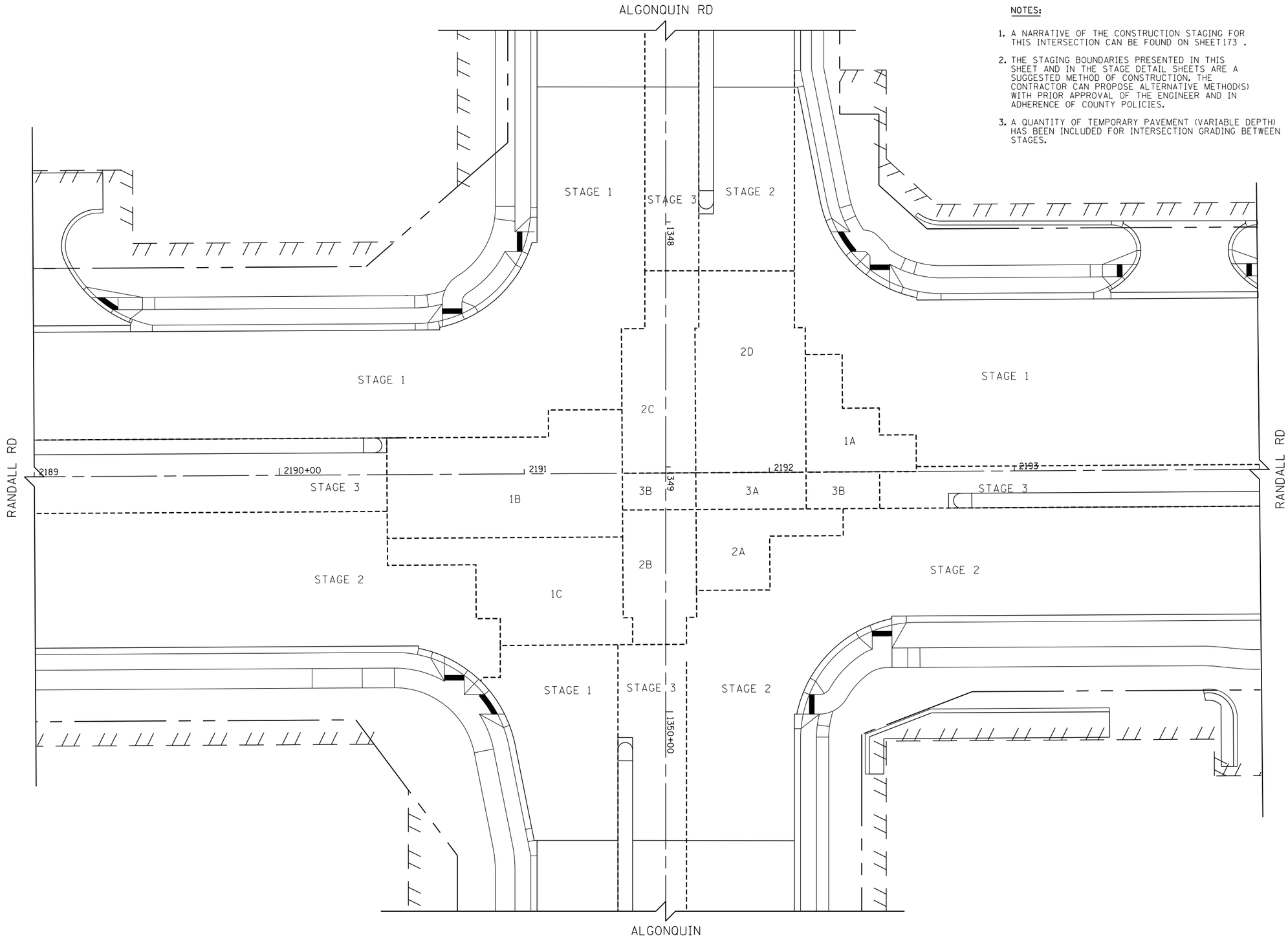
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
INTERSECTION CONSTRUCTION SEQUENCING
RANDALL RD AT ALGONQUIN RD

SCALE: NONE | SHEET 5 OF 12 SHEETS

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	173
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			



NOTES:

1. A NARRATIVE OF THE CONSTRUCTION STAGING FOR THIS INTERSECTION CAN BE FOUND ON SHEET173 .
2. THE STAGING BOUNDARIES PRESENTED IN THIS SHEET AND IN THE STAGE DETAIL SHEETS ARE A SUGGESTED METHOD OF CONSTRUCTION. THE CONTRACTOR CAN PROPOSE ALTERNATIVE METHOD(S) WITH PRIOR APPROVAL OF THE ENGINEER AND IN ADHERENCE OF COUNTY POLICIES.
3. A QUANTITY OF TEMPORARY PAVEMENT (VARIABLE DEPTH) HAS BEEN INCLUDED FOR INTERSECTION GRADING BETWEEN STAGES.

10 0 20
GRAPHIC SCALE IN FEET

TranSystems

USER NAME = mrciss	DESIGNED - WBL	REVISED -
FILENAME = DINNNNN-sht-staging-Int-06	DRAWN - MKW	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - RCB	REVISED -
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
INTERSECTION CONSTRUCTION SEQUENCING
RANDALL RD AT ALGONQUIN RD

SCALE: 1" = 20' | SHEET 6 OF 12 SHEETS | STA 2189+00 | TO STA 2194+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	174
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			

SUGGESTED SEQUENCE OF CONSTRUCTION FOR THE INTERSECTION OF RANDALL ROAD AND COMMERCIAL DRIVE (COSTCO/AMC)

SUGGESTED SEQUENCE OF CONSTRUCTION FOR THE INTERSECTION OF RANDALL ROAD AND COMMERCIAL DRIVE (COSTCO/AMC)

APPROACH STAGING IS SHOWN IN THE SUGGESTED CONSTRUCTION PROCEDURES AND MAINTENANCE OF TRAFFIC PLANS.

ANY CHANGES TO THE SUGGESTED CONSTRUCTION SEQUENCING SHALL BE COORDINATED WITH THE ENGINEER PRIOR TO IMPLEMENTATION.

PRESTAGE A

1. MAINTAIN TWO WAY TRAFFIC FLOW ON THE WEST SIDE OF RANDALL ROAD. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH APPROACH.

2. MAINTAIN EXISTING TRAFFIC PATTERNS ON COMMERCIAL DRIVE (COSTCO/AMC).

3. REFER TO SUGGESTED CONSTRUCTION PROCEDURES AND MAINTENANCE OF TRAFFIC PLANS ON SHEETS 123 TO 127 FOR ADDITIONAL INFORMATION.

4. CONSTRUCT TEMPROARY PAVEMENT REQURED FOR STAGE 1 TRAFFIC.

STAGE 1

1. MAINTAIN TWO WAY TRAFFIC ON THE EAST SIDE OF RANDALL ROAD. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH APPROACH.

2. MAINTAIN RIGHT/LEFT IN, RIGHT ONLY OUT ON THE NORTH SIDE OF COMMERCIAL DRIVE (COSTCO/AMC).

3. REFER TO SUGGESTED CONSTRUCTION PROCEDURES AND MAINTENANCE OF TRAFFIC PLANS ON SHEETS 128 TO 132 FOR RANDALL ROAD AND 137 FOR COMMERCIAL DRIVE (COSTCO/AMC) FOR ADDITIONAL INFORMATION.

4. CONSTRUCT PAVEMENT AREAS LABELED "STAGE 1" AS SHOWN ON SHEET 176 . INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 1A.

STAGE 1A

1. MAINTAIN STAGE 1 TRAFFIC PATTERNS ON RANDALL ROAD AND COMMERCIAL DRIVE (COSTCO/AMC) EAST OF RANDALL ROAD WITH THE FOLLOWING CHANGES:

    a. PLACE COMMERCIAL DRIVE (COSTCO/AMC) WEST OF RANDALL ROAD INTO STAGE 2 TRAFFIC PATTERNS.

    b. REFER TO SUGGESTED CONSTRUCTION PROCEDURES AND MAINTENANCE OF TRAFFIC PLANS ON SHEET 151 FOR ADDITIONAL INFORMATION.

    c. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR RANDALL ROAD. RIGHT/LEFT IN, RIGHT ONLY OUT MOVEMENTS SHALL BE MAINTAINED FOR COMMERCIAL DRIVE (COSTCO/AMC).

2. CONSTRUCT PAVEMENT AREA LABELED "1A" AS SHOWN ON SHEET 176 . INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 1B.

STAGE 1B

1. MAINTAIN STAGE 1A TRAFFIC PATTERNS ON RANDALL ROAD AND COMMERCIAL DRIVE (COSTCO/AMC) WITH THE FOLLOWING CHANGE:

    a. PLACE COMMERCIAL DRIVE (COSTCO/AMC) WEST OF RANDALL ROAD INTO STAGE 3 TRAFFIC PATTERNS.

    b. REFER TO SUGGESTED CONSTRUCTION PROCEDURES AND MAINTENANCE OF TRAFFIC PLANS ON SHEET 164 FOR ADDITIONAL INFORMATION.

    c. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR RANDALL ROAD. RIGHT/LEFT IN, RIGHT ONLY OUT MOVEMENTS SHALL BE MAINTAINED FOR COMMERCIAL DRIVE (COSTCO/AMC).

2. CONSTRUCT PAVEMENT AREA LABELED "1C" AS SHOWN ON SHEET 176 USING HIGH EARLY STRENGTH CONCRETE MIX. INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 2.

3. AFTER THE REQUIRED CURE TIME, RETURN RANDALL ROAD AND COMMERCIAL DRIVE (COSTCO/AMC) INTO STAGE 1A TRAFFIC PATTERNS UNTIL STAGE 2.

STAGE 2

1. MAINTAIN TWO WAY TRAFFIC ON THE WEST SIDE OF RANDALL ROAD. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH APPROACH.

2. MAINTAIN RIGHT/LEFT IN, RIGHT OUT ONLY TRAFFIC ON THE SOUTH SIDE OF COMMERCIAL DRIVE (COSTCO/AMC).

3. REFER TO SUGGESTED CONSTRUCTION PROCEDURES AND MAINTENANCE OF TRAFFIC PLANS ON SHEETS 142 TO 146 FOR RANDALL ROAD AND SHEET 151 FOR COMMERCIAL DRIVE (COSTCO/AMC) FOR ADDITIONAL INFORMATION.

4. CONSTRUCT PAVEMENT AREAS LABELED "STAGE 2" AS SHOWN ON SHEET 176 . INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 2A.

STAGE 2A

1. MAINTAIN STAGE 2 TRAFFIC PATTERNS ON RANDALL ROAD AND COMMERCIAL DRIVE (COSTCO/AMC) WITH THE FOLLOWING CHANGES:

    a. CLOSE THE WESTBOUND EXIT LANE OF COMMERCIAL DRIVE (COSTCO/AMC) AND REROUTE EXITING TRAFFIC TO AN ALTERNATE EXIT.

    b. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR RANDALL ROAD.LEFT/RIGHT IN MOVEMENTS SHALL BE MAINTAINED FOR COMMERCIAL DRIVE (COSTCO/AMC) EAST OF RANDALL ROAD. LEFT/RIGHT IN, RIGHT OUT MOVEMENTS SHALL BE MAINTAINED FOR COMMERCIAL DRIVE (COSTCO/AMC) WEST OF RANDALL ROAD.

2. CONSTRUCT PAVEMENT AREA LABELED "2A" AS SHOWN ON SHEET 176 USING HIGH EARLY STRENGH CONCRETE MIX. INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 2B.

3. AFTER THE REQUIRED CURE TIME, REOPEN WESTBOUND EXIT LANE OF COMMERCIAL DRIVE (COSTCO/AMC).

STAGE 2B

1. MAINTAIN RANDALL ROAD AND COMMERCIAL DRIVE (COSTCO/AMC) IN STAGE 2 TRAFFIC PATTERNS WITH THE FOLLOWING CHANGES:

    a. SHIFT EASTBOUND AND WESTBOUND TRAFFIC ON COMMERCIAL DRIVE (COSTCO/AMC) EAST OF RANDALL AROUND PAVEMENT AREA LABELED "B" AS SHOWN ON SHEET 176 .

    b. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR RANDALL ROAD. RIGHT/LEFT IN, RIGHT ONLY OUT MOVEMENTS SHALL BE MAINTAINED FOR COMMERCIAL DRIVE (COSTCO/AMC).

2. CONSTRUCT PAVEMENT AREA LABELED "2B" AS SHOWN ON SHEET 176 . INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 2C.

STAGE 2C

1. PLACE RANDALL ROAD IN STAGE 3 TRAFFIC PATTERNS AND COMMERCIAL DRIVE (COSTCO/AMC) IN STAGE 1 TRAFFIC PATTERNS WITH THE FOLLOWING CHANGES:

    a. DIRECT SOUTHBOUND TO EASTBOUND AND NORTHBOUND TO WESTBOUND LEFT TURN LANES AROUND PAVEMENT AREA LABLED "2C" AS SHOWN ON SHEET 176 .

    b. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR RANDALL ROAD. RIGHT/LEFT IN, RIGHT ONLY OUT MOVEMENTS SHALL BE MAINTAINED FOR COMMERCIAL DRIVE (COSTCO/AMC).

2. CONSTRUCT PAVEMENT AREA LABELED "2C" AS SHOWN ON SHEET 176 . INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 3.

STAGE 3

1. MAINTAIN TWO WAY TRAFFIC ON THE WEST SIDE OF RANDALL ROAD. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH APPROACH.

2. MAINTAIN RIGHT/LEFT IN, RIGHT OUT ONLY ON THE OUTSIDE LANES OF COMMERCIAL DRIVE (COSTCO/AMC). LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH APPROACH.

3. REFER TO SUGGESTED CONSTRUCTION PROCEDURES AND MAINTENANCE OF TRAFFIC PLANS ON SHEETS 155 TO 159 FOR RANDALL ROAD AND SHEET 164 FOR COMMERCIAL DRIVE (COSTCO/AMC) FOR ADDITIONAL INFORMATION.

4. CONSTRUCT PAVEMENT AREA LABELED "STAGE 3" AS SHOWN ON SHEET 176 . INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 3A.

STAGE 3A

1. MAINTAIN STAGE 3 TRAFFIC PATTERNS FOR RANDALL ROAD AND COMMERCIAL DRIVE (COSTCO/AMC) WITH THE FOLLOWING CHANGES:

    a. SHIFT NORTHBOUND TO WESTBOUND AND SOUTHBOUND TO EASTBOUND TURN LANES AND MOVE TRAFFIC BARRIERS AROUND PAVEMENT AREA LABELED "A" AS SHOWN ON SHEET .

    b. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR RANDALL ROAD. RIGHT/LEFT IN, RIGHT ONLY OUT MOVEMENTS SHALL BE MAINTAINED FOR COMMERCIAL DRIVE (COSTCO/AMC).

2. CONSTRUCT PAVEMENT AREA LABELED "STAGE 3A" AS SHOWN ON SHEET 176 USING HIGH EARLY STRENGTH CONCRETE MIX.

3. AFTER THE REQUIRED CURE TIME, RETURN RANDALL ROAD BACK TO STAGE 3 TRAFFIC PATTERNS.

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FILENAME = DINNNNN-sht-staging-Int-07	DRAWN - MKW	REVISED -
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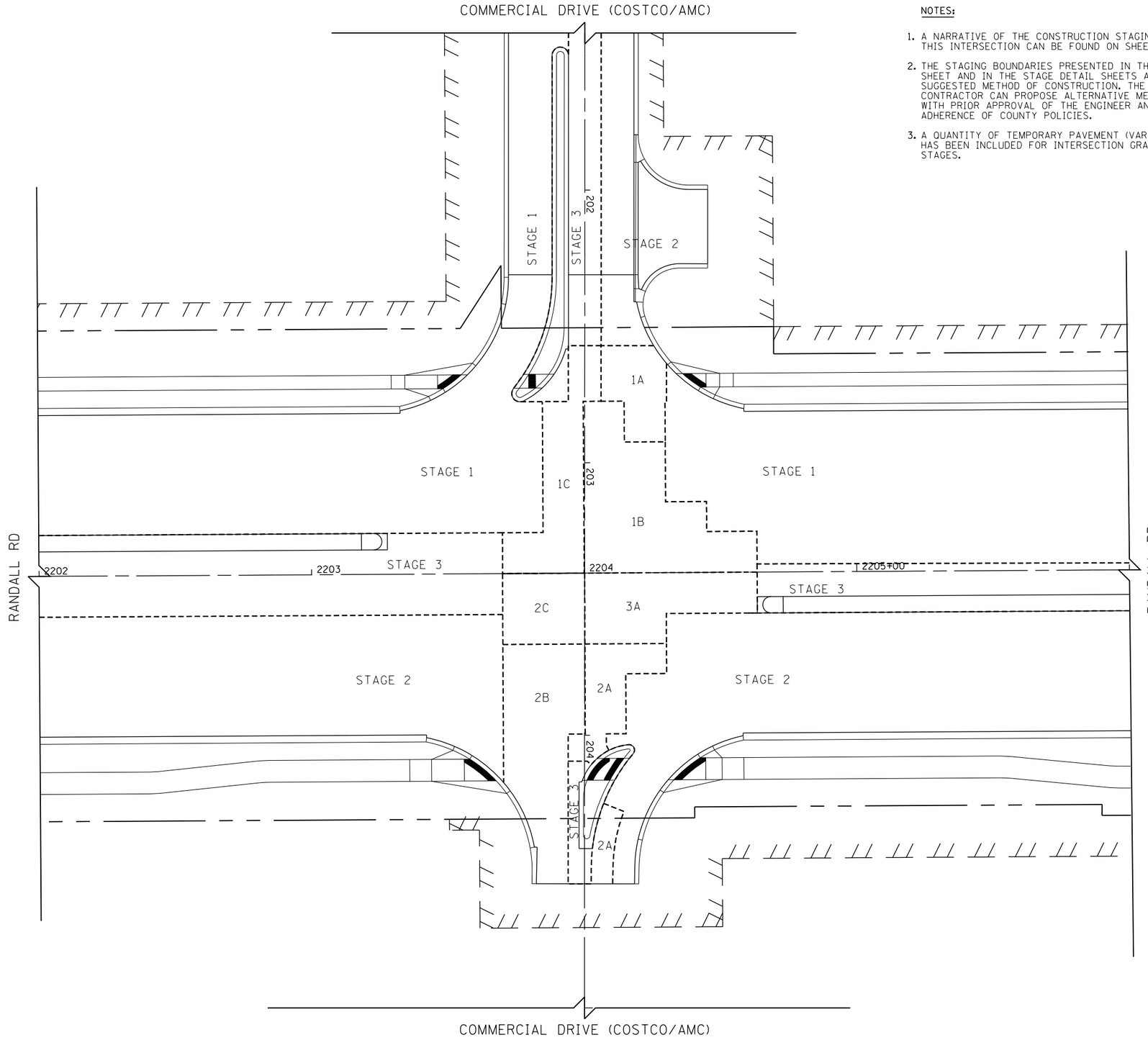
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
INTERSECTION CONSTRUCTION SEQUENCING
RANDALL RD AT COMMERCIAL DR (COSTCO/AMC)

SCALE: NONE | SHEET 7 OF 12 SHEETS

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	175
		CONTRACT NO. 61E53		
		ILLINOIS FED. AID PROJECT		



NOTES:

1. A NARRATIVE OF THE CONSTRUCTION STAGING FOR THIS INTERSECTION CAN BE FOUND ON SHEET175 .
2. THE STAGING BOUNDARIES PRESENTED IN THIS SHEET AND IN THE STAGE DETAIL SHEETS ARE A SUGGESTED METHOD OF CONSTRUCTION. THE CONTRACTOR CAN PROPOSE ALTERNATIVE METHOD(S) WITH PRIOR APPROVAL OF THE ENGINEER AND IN ADHERENCE OF COUNTY POLICIES.
3. A QUANTITY OF TEMPORARY PAVEMENT (VARIABLE DEPTH) HAS BEEN INCLUDED FOR INTERSECTION GRADING BETWEEN STAGES.

N

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GRAPHIC SCALE IN FEET

Tran Systems

USER NAME = mrciss	DESIGNED - WBL	REVISED -
FILENAME = DINNNNN-sht-staging-Int-08	DRAWN - MKW	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - RCB	REVISED -
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
INTERSECTION CONSTRUCTION SEQUENCING
RANDALL RD AT COMMERCIAL DRIVE (COSTCO/AMC)

SCALE: 1" = 20' | SHEET 8 OF 12 SHEETS | STA 2206+00 TO STA 2194+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	176
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			

SUGGESTED SEQUENCE OF CONSTRUCTION FOR THE INTERSECTION OF RANDALL ROAD AND POLARIS DRIVE / ACORN LANE

SUGGESTED SEQUENCE OF CONSTRUCTION FOR THE INTERSECTION OF RANDALL ROAD AND POLARIS DRIVE / ACORN LANE

APPROACH STAGING IS SHOWN IN THE SUGGESTED CONSTRUCTION PROCEDURES AND MAINTENANCE OF TRAFFIC PLANS.

ANY CHANGES TO THE SUGGESTED CONSTRUCTION SEQUENCING SHALL BE COORDINATED WITH THE ENGINEER PRIOR TO IMPLEMENTATION.

PRESTAGE A

1. MAINTAIN TWO WAY TRAFFIC FLOW ON THE WEST SIDE OF RANDALL ROAD. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH APPROACH.

2. MAINTAIN EXISTING TRAFFIC PATTERNS ON POLARIS DRIVE AND ACORN LANE.

3. REFER TO SUGGESTED CONSTRUCTION PROCEDURES AND MAINTENANCE OF TRAFFIC PLANS ON SHEETS 123 TO 127 FOR ADDITIONAL INFORMATION.

4. CONSTRUCT TEMPROARY PAVEMENT REQURED FOR STAGE 1 TRAFFIC.

STAGE 1

1. MAINTAIN TWO WAY TRAFFIC ON THE EAST SIDE OF RANDALL ROAD. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH APPROACH.

2. MAINTAIN TWO WAY TRAFFIC ON THE NORTH SIDE OF POLARIS DRIVE AND ACORN LANE. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH APPROACH.

3. REFER TO SUGGESTED CONSTRUCTION PROCEDURES AND MAINTENANCE OF TRAFFIC PLANS ON SHEETS 128 TO 132 FOR RANDALL ROAD AND 138 FOR POLARIS DRIVE AND ACORN LANE FOR ADDITIONAL INFORMATION.

4. CONSTRUCT PAVEMENT AREAS LABELED "STAGE 1" AS SHOWN ON SHEET 178 . INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 1A.

STAGE 1A

1. MAINTAIN STAGE 1 TRAFFIC PATTERNS ON RANDALL ROAD, POLARIS DRIVE, AND ACORN LANE WITH THE FOLLOWING CHANGES:

    a. MOVE TRAFFIC BARRIERS AT THE NORTHWEST CORNER INTO THE INTERSECTION AND AROUND PAVEMENT LABELED "1A" AS SHOWN ON SHEET178 .

    b. MAINTAIN TWO WAY TRAFFIC ON RANDALL ROAD, POLARIS DRIVE, AND ACORN LANE. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH APPROACH.

2. CONSTRUCT PAVEMENT AREA LABELED "1A" AS SHOWN ON SHEET 178 USING HIGH EARLY STRENGTH CONCRETE MIX. INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 1B.

3. AFTER THE REQURIED CURE TIME, RETURN RANDALL ROAD, POLARIS DRIVE, AND ACORN LANE INTO STAGE 1 TRAFFIC PATTERNS UNTIL STAGE 1B.

STAGE 1B

1. MAINTAIN STAGE 1 TRAFFIC PATTERNS ON RANDALL ROAD. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED.

2. PLACE POLARIS DRIVE AND ACORN LANE INTO STAGE 3 TRAFFIC PATTERNS. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED.

3. REFER TO SUGGESTED CONSTRUCTION PROCEDURES AND MAINTENANCE OF TRAFFIC PLANS ON SHEET 165 FOR ADDITIONAL INFORMATION.

4. CONSTRUCT PAVEMENT AREA LABELED "1B" AS SHOWN ON SHEET 178 . INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 1C.

STAGE 1C

1. MAINTAIN STAGE 1B TRAFFIC PATTERNS ON RANDALL ROAD, POLARIS DRIVE, AND ACORN LANE WITH THE FOLLOWING CHANGES:

    a. MOVE TRAFFIC BARRIERS AT THE SOUTHWEST CORNER INTO THE INTERSECTION AND AROUND PAVEMENT LABELED "1C" AS SHOWN ON SHEET 178 .

STAGE 1C (CONTINUED)

    b. MAINTAIN TWO WAY TRAFFIC ON RANDALL ROAD, POLARIS DRIVE, AND ACORN LANE. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH APPROACH.

2. CONSTRUCT PAVEMENT AREA LABELED "1C" AS SHOWN ON SHEET 178 USING HIGH EARLY STRENGTH CONCRETE MIX. INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 2.

3. AFTER THE REQURIED CURE TIME, RETURN RANDALL ROAD, POLARIS DRIVE, AND ACORN LANE INTO STAGE 1B TRAFFIC PATTERNS UNTIL STAGE 2.

STAGE 2

1. MAINTAIN TWO WAY TRAFFIC ON THE WEST SIDE OF RANDALL ROAD. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH APPROACH.

2. MAINTAIN TWO WAY TRAFFIC ON THE OUTSIDE LANES OF POLARIS DRIVE AND ACORN LANE. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH APPROACH.

3. REFER TO SUGGESTED CONSTRUCTION PROCEDURES AND MAINTENANCE OF TRAFFIC PLANS ON SHEETS 142 TO 146 FOR RANDALL ROAD AND 152 FOR POLARIS DRIVE AND ACORN LANE FOR ADDITIONAL INFORMATION.

4. CONSTRUCT PAVEMENT AREAS LABELED "STAGE 2" AS SHOWN ON SHEET 178 . INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 2A.

STAGE 2A

1. MAINTAIN STAGE 2 TRAFFIC PATTERNS ON RANDALL ROAD LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH APPROACH.

2. PLACE POLARIS DRIVE AND ACORN LANE INTO STAGE 1 TRAFFIC PATTERNS WITH THE FOLLOWING CHANGES:

    a. MOVE TRAFFIC BARRIERS AT THE SOUTHEAST CORNER INTO THE INTERSECTION AND AROUND PAVEMENT LABELED "2A" AS SHOWN ON SHEET 178 .

    b. MAINTAIN TWO WAY TRAFFIC ON POLARIS DRIVE AND ACORN LANE. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH APPROACH.

3. CONSTRUCT PAVEMENT AREA LABELED "2A" AS SHOWN ON SHEET 178 USING HIGH EARLY STRENGH CONCRETE MIX. INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 2B.

4. AFTER THE REQUIRED CURE TIME, RETURN RANDALL ROAD INTO STAGE 2 TRAFFIC PATTERNS AND POLARIS DRIVE AND ACORN LANE INTO STAGE 1 TRAFFIC PATTERNS UNTIL STAGE 2B.

STAGE 2B

1. MAINTAIN STAGE 2 TRAFFIC PATTERNS ON RANDALL ROAD, POLARIS DRIVE, AND ACORN LANE WITH THE FOLLOWING CHANGES:

    a. SHIFT THE WESTBOUND TO EASTBOUND LEFT TURN LANE SOUTH AROUND PAVEMENT AREA LABELED "2B" AS SHOWN ON SHEET 178 .

    b. MAINTAIN TWO WAY TRAFFIC ON RANDALL ROAD, POLARIS DRIVE, AND ACORN LANE. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH APPROACH.

2. CONSTRUCT PAVEMENT AREA LABELED "2B" AS SHOWN ON SHEET 178 . INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 2C.

STAGE 2C

1. MAINTAIN STAGE 2 TRAFFIC PATTERNS ON RANDALL ROAD. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH APPROACH.

2. PLACE POLARIS DRIVE AND ACON LANE INTO STAGE 3 TRAFFIC PATTERNS WITH THE FOLLOWING CHANGES:

    a. MOVE TRAFFIC BARRIERS AT THE NORTHEAST CORNER INTO THE INTERSECTION AND AROUND PAVEMENT LABELED "2C" AS SHOWN ON SHEET 178 .

    b. MAINTAIN TWO WAY TRAFFIC ON POLARIS DRIVE AND ACORN LANE. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH APPROACH.

STAGE 2C (CONTINUED)

3. CONSTRUCT PAVEMENT AREA LABELED "2C" AS SHOWN ON SHEET 178 USING HIGH EARLY STRENGTH CONCRETE MIX. INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 3.

STAGE 3

1. MAINTAIN TWO WAY TRAFFIC ON THE WEST SIDE OF RANDALL ROAD. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH APPROACH.

2. MAINTAIN TWO WAY TRAFFIC ON THE SOUTH SIDE OF POLARIS DRIVE AND ACORN LANE. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH APPROACH.

3. REFER TO SUGGESTED CONSTRUCTION PROCEDURES AND MAINTENANCE OF TRAFFIC PLANS ON SHEETS 142 TO 146 FOR RANDALL ROAD AND SHEET 152 FOR POLARIS DRIVE AND ACORN LANE FOR ADDITIONAL INFORMATION.

4. CONSTRUCT PAVEMENT AREA LABELED "STAGE 3" AS SHOWN ON SHEET178 . INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 3A.

STAGE 3A

1. MAINTAIN STAGE 3 TRAFFIC PATTERNS FOR RANDALL ROAD, POLARIS DRIVE, AND ACORN LANE WITH THE FOLLOWING CHANGES:

    a. MOVE BARRIERS ON NORTH SIDE OF INTERSECTION BETWEEN NORTHBOUND AND SOUTHBOUND RANDALL ROAD TRAFFIC INTO INTERSECTION AROUND PAVEMENT AREA LABELED "3A" AS SHOWN ON SHEET 178 .

    b. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR RANDALL ROAD, POLARIS DRIVE, AND ACORN LANE.

2. CONSTRUCT PAVEMENT AREA LABELED "STAGE 3A" AS SHOWN ON SHEET178 USING HIGH EARLY STRENGTH CONCRETE MIX. INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 3B.

3. AFTER THE REQUIRED CURE TIME, RETURN RANDALL ROAD BACK TO STAGE 3 TRAFFIC PATTERNS UNTIL STAGE 3B.

STAGE 3A

1. MAINTAIN STAGE 3 TRAFFIC PATTERNS FOR RANDALL ROAD. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH APPROACH.

2. PLACE POLARIS DRIVE AND ACORN LANE INTO STAGE 1 TRAFFIC PATTERNS. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH APPROACH.

3. CONSTRUCT PAVEMENT AREA LABELED "STAGE 3A" AS SHOWN ON SHEET178 USING HIGH EARLY STRENGTH CONCRETE MIX. INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 3C.

STAGE 3A

1. MAINTAIN STAGE 3 TRAFFIC PATTERNS FOR RANDALL ROAD, POLARIS DRIVE, AND ACORN LANE WITH THE FOLLOWING CHANGES:

    a. MOVE BARRIERS ON NORTH SIDE OF INTERSECTION BETWEEN NORTHBOUND AND SOUTHBOUND RANDALL ROAD TRAFFIC INTO INTERSECTION AROUND PAVEMENT AREA LABELED "3A" AS SHOWN ON SHEET 178 .

    b. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR RANDALL ROAD, POLARIS DRIVE, AND ACORN LANE.

2. CONSTRUCT PAVEMENT AREA LABELED "STAGE 3A" AS SHOWN ON SHEET178 USING HIGH EARLY STRENGTH CONCRETE MIX. INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 3B.

3. AFTER THE REQUIRED CURE TIME, RETURN RANDALL ROAD BACK TO STAGE 3 TRAFFIC PATTERNS UNTIL STAGE 3B.

Tran Systems

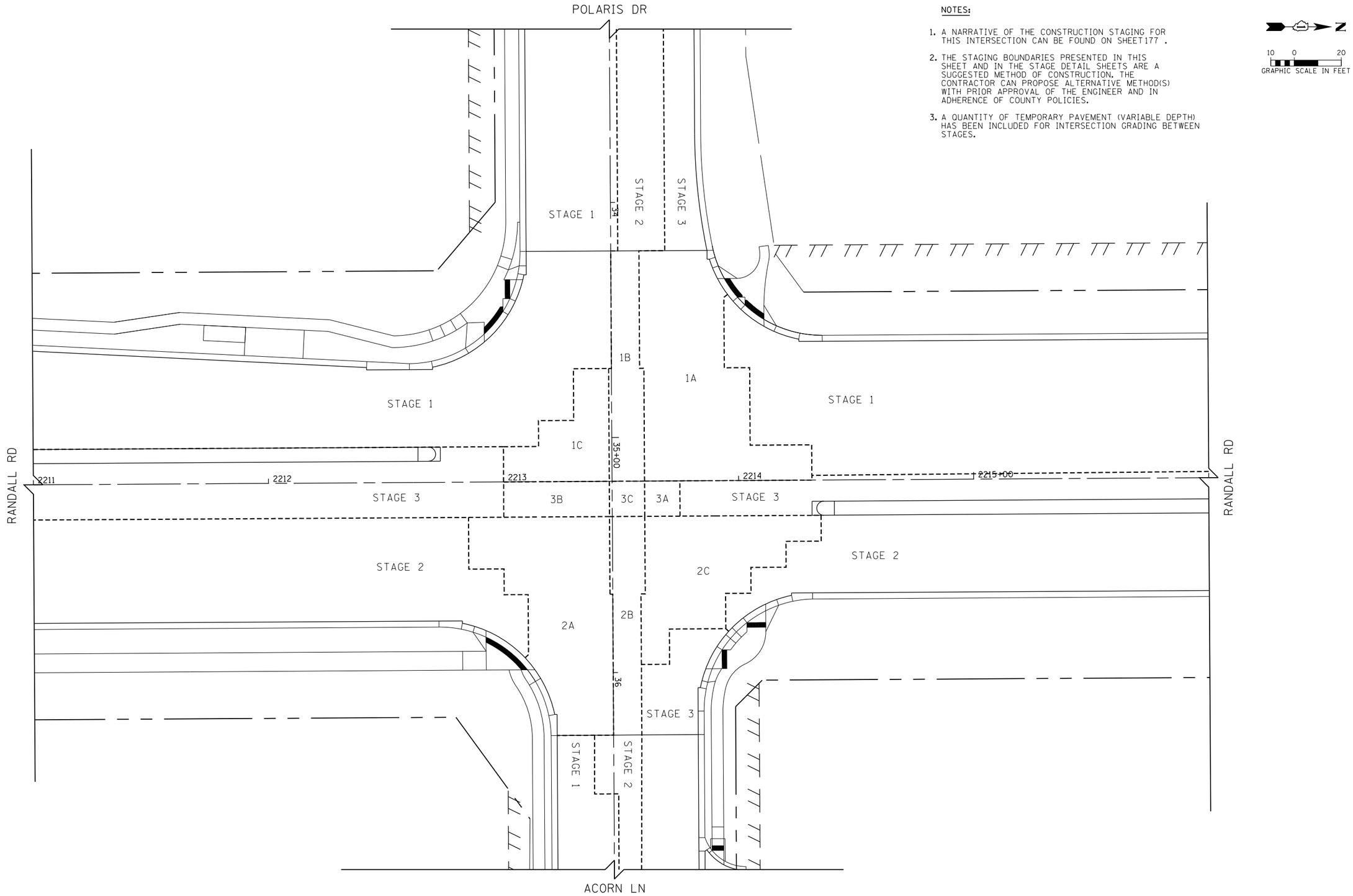
USER NAME = mrciss	DESIGNED - WBL	REVISED -
FILENAME = D:\NNNN\sht-staging-Int-09	DRAWN - MKW	REVISED -
PLOT SCALE = N.T.S. ' in.	CHECKED - RCB	REVISED -
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
INTERSECTION CONSTRUCTION SEQUENCING
RANDALL RD AT POLARIS DR /ACORN LN

SCALE: NONE | SHEET 9 OF 12 SHEETS

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	177
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			



NOTES:

1. A NARRATIVE OF THE CONSTRUCTION STAGING FOR THIS INTERSECTION CAN BE FOUND ON SHEET177 .
2. THE STAGING BOUNDARIES PRESENTED IN THIS SHEET AND IN THE STAGE DETAIL SHEETS ARE A SUGGESTED METHOD OF CONSTRUCTION. THE CONTRACTOR CAN PROPOSE ALTERNATIVE METHOD(S) WITH PRIOR APPROVAL OF THE ENGINEER AND IN ADHERENCE OF COUNTY POLICIES.
3. A QUANTITY OF TEMPORARY PAVEMENT (VARIABLE DEPTH) HAS BEEN INCLUDED FOR INTERSECTION GRADING BETWEEN STAGES.

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GRAPHIC SCALE IN FEET

Tran Systems

USER NAME = mrciss	DESIGNED - WBL	REVISED -
FILENAME = DINNNNN-sht-staging-Int-10	DRAWN - MKW	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - RCB	REVISED -
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
INTERSECTION CONSTRUCTION SEQUENCING
RANDALL RD AT POLARIS DR /ACORN LN

SCALE: 1" = 20' | SHEET 10 OF 12 SHEETS | STA 2211+00 TO STA 2216+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	178
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			

SUGGESTED SEQUENCE OF CONSTRUCTION FOR THE INTERSECTION OF ALGONQUIN ROAD AND CRYSTAL LAKE ROAD

SUGGESTED SEQUENCE OF CONSTRUCTION FOR THE INTERSECTION OF RANDALL ROAD AND ALGONQUIN ROAD

APPROACH STAGING IS SHOWN IN THE SUGGESTED CONSTRUCTION PROCEDURES AND MAINTENANCE OF TRAFFIC PLANS.

ANY CHANGES TO THE SUGGESTED CONSTRUCTION SEQUENCING SHALL BE COORDINATED WITH THE ENGINEER PRIOR TO IMPLEMENTATION.

STAGE 1

1. MAINTAIN TWO WAY TRAFFIC ON THE NORTH SIDE OF ALGONQUIN ROAD. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH APPROACH.

2. MAINTAIN TWO WAY TRAFFIC ON THE EAST SIDE OF CRYSTAL LAKE ROAD. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH APPROACH.

3. REFER TO SUGGESTED CONSTRUCTION PROCEDURES AND MAINTENANCE OF TRAFFIC PLANS ON SHEET 134 AND 139 FOR ADDITIONAL INFORMATION.

4. CONSTRUCT PAVEMENT AREAS LABELED "STAGE 1" AS SHOWN ON SHEET 180 . INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 1A.

STAGE 1A

1. MAINTAIN STAGE 1 TRAFFIC PATTERNS ON ALGONQUIN ROAD AND CRYSTAL LAKE ROAD WITH THE FOLLOWING CHANGES:

    a. SHIFT THE SOUTHBOUND TRAFFIC ON CRYSTAL LAKE ROAD WEST ONTO THE NEWLY CONSTRUCTED STAGE 1 PAVEMENT.

    b. LEFT/RIGHT IN AND RIGHT OUT ONLY MOVEMENTS SHALL BE MAINTAINED FOR EASTBOUND AND WESTBOUND TRAFFIC ON ALGONQUIN ROAD. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR NORTHBOUND AND SOUTHBOUND TRAFFIC ON CRYSTAL LAKE ROAD.

2. CONSTRUCT PAVEMENT AREA LABELED "1A" AS SHOWN ON SHEET 180 . INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 1B.

STAGE 1B

1. MAINTAIN STAGE 1A TRAFFIC PATTERNS ON ALGONQUIN ROAD AND CRYSTAL LAKE ROAD WITH THE FOLLOWING CHANGES:

    a. SHIFT THE NORTHBOUND TRAFFIC ON CRYSTAL LAKE ROAD WEST NEXT TO SOUTHBOUND TRAFFIC.

    b. LEFT/RIGHT IN AND RIGHT OUT ONLY MOVEMENTS SHALL BE MAINTAINED FOR EASTBOUND AND WESTBOUND TRAFFIC ON ALGONQUIN ROAD. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR NORTHBOUND AND SOUTHBOUND TRAFFIC ON CRYSTAL LAKE ROAD.

2. CONSTRUCT PAVEMENT AREA LABELED "1B" AS SHOWN ON SHEET 180 . INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 1C.

STAGE 1C

1. MAINTAIN STAGE 1 TRAFFIC PATTERNS ON ALGONQUIN ROAD AND CRYSTAL LAKE ROAD WITH THE FOLLOWING CHANGES:

    a. SHIFT EASTBOUND TRAFFIC ON ALGONQUIN ROAD TO THE SOUTH SIDE OF THE ROAD ONTO THE NEWLY CONSTRUCTED STAGE 1 PAVEMENT.

    b. LEFT/RIGHT IN AND RIGHT OUT ONLY MOVEMENTS SHALL BE MAINTAINED FOR EASTBOUND AND WESTBOUND TRAFFIC ON ALGONQUIN ROAD. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR NORTHBOUND AND SOUTHBOUND TRAFFIC ON CRYSTAL LAKE ROAD.

2. CONSTRUCT PAVEMENT AREA LABELED "1C" AS SHOWN ON SHEET 180 . INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 2.

STAGE 2

1. MAINTAIN TWO WAY TRAFFIC ON THE SOUTH SIDE OF ALGONQUIN ROAD. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH APPROACH.

2. MAINTAIN TWO WAY TRAFFIC ON THE OUTSIDE LANES OF CRYSTAL LAKE ROAD. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH APPROACH.

3. REFER TO SUGGESTED CONSTRUCTION PROCEDURES AND MAINTENANCE OF TRAFFIC PLANS ON SHEETS 148 AND 153 FOR ADDITIONAL INFORMATION.

4. CONSTRUCT PAVEMENT AREAS LABELED "STAGE 2" AS SHOWN ON SHEET 180 . INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 2A.

STAGE 2A

1. MAINTAIN STAGE 2 TRAFFIC PATTERNS ON ALGONQUIN ROAD AND CRYSTAL LAKE ROAD IN STAGE 2 TRAFFIC PATTERNS WITH THE FOLLOWING CHANGES:

    a. PLACE BARRICADES TO DIRECT TRAFFIC AROUND AREA LABELED AS "2A" AS SHOWN ON SHEET 180 .

2. CONSTRUCT PAVEMENT AREA LABELED "2A" AS SHOWN ON SHEET 180 . INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 2B.

STAGE 2B

1. MAINTAIN STAGE 2 TRAFFIC PATTERNS ON ALGONQUIN ROAD AND CRYSTAL LAKE ROAD WITH THE FOLLOWING CHANGES:

    a. SHIFT SOUTHBOUND CRYSTAL LAKE ROAD TRAFFIC EAST NEXT TO NORTHBOUND TRAFFIC.

    b. LEFT/RIGHT IN AND RIGHT OUT ONLY MOVEMENTS SHALL BE MAINTAINED FOR EASTBOUND AND WESTBOUND TRAFFIC ON ALGONQUIN ROAD. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR NORTHBOUND AND SOUTHBOUND TRAFFIC ON CRYSTAL LAKE ROAD.

2. CONSTRUCT PAVEMENT AREA LABELED "2B" AS SHOWN ON SHEET 180 . INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 2C.

STAGE 2C

1. MAINTAIN STAGE 2 TRAFFIC PATTERNS ON ALGONQUIN ROAD WITH CRYSTAL LAKE ROAD IN STAGE 3 TRAFFIC PATTERNS.

2. CONSTRUCT PAVEMENT AREA LABELED "2C" AS SHOWN ON SHEET 180 . INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 3.

STAGE 3

1. MAINTAIN TWO WAY TRAFFIC ON THE OUTSIDE LANES OF ALGONQUIN ROAD. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH APPROACH

2. MAINTAIN TWO WAY TRAFFIC ON THE WEST SIDE OF CRYSTAL LAKE ROAD. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH APPROACH.

3. REFER TO SUGGESTED CONSTRUCTION PROCEDURES AND MAINTENANCE OF TRAFFIC PLANS ON SHEETS 161 AND 166 FOR ADDITIONAL INFORMATION.

4. CONSTRUCT PAVEMENT AREAS LABELED "STAGE 3" AS SHOWN ON SHEET 180 . INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 3A.

STAGE 3A

1. MAINTAIN STAGE 3 TRAFFIC PATTERNS ON ALGONQUIN ROAD AND CRYSTAL LAKE WITH THE FOLLOWING CHANGES:

    a. PLACE BARRICADES TO DIRECT TRAFFIC AROUND AREA LABELED AS "3A" AS SHOWN ON SHEET 180 .

2. CONSTRUCT PAVEMENT AREA LABELED "3A" AS SHOWN ON SHEET 180 . INSTALL TEMPORARY PAVEMENT TRANSITIONS/RAMPS AS NECESSARY IN ORDER TO MAINTAIN TRAFFIC IN STAGE 3B.

STAGE 3B

1. WITH ALGONQUIN ROAD AND CRYSTAL LAKE ROAD IN STAGE 3 TRAFFIC PATTERNS, MAKE THE FOLLOWING CHANGES:

    a. SHIFT CRYSTAL LAKE ROAD TRAFFIC TO THE EAST SIDE OF THE ROAD. LEFT TURN, THROUGH, AND RIGHT TURN MOVEMENTS SHALL BE MAINTAINED FOR EACH APPROACH.

    b. PLACE BARRICADES TO DIRECT TRAFFIC AROUND AREA LABELED AS "3B" AS SHOWN ON SHEET 180 .

2. CONSTRUCT PAVEMENT AREA LABELED "3B" AS SHOWN ON SHEET 180 .

Tran Systems

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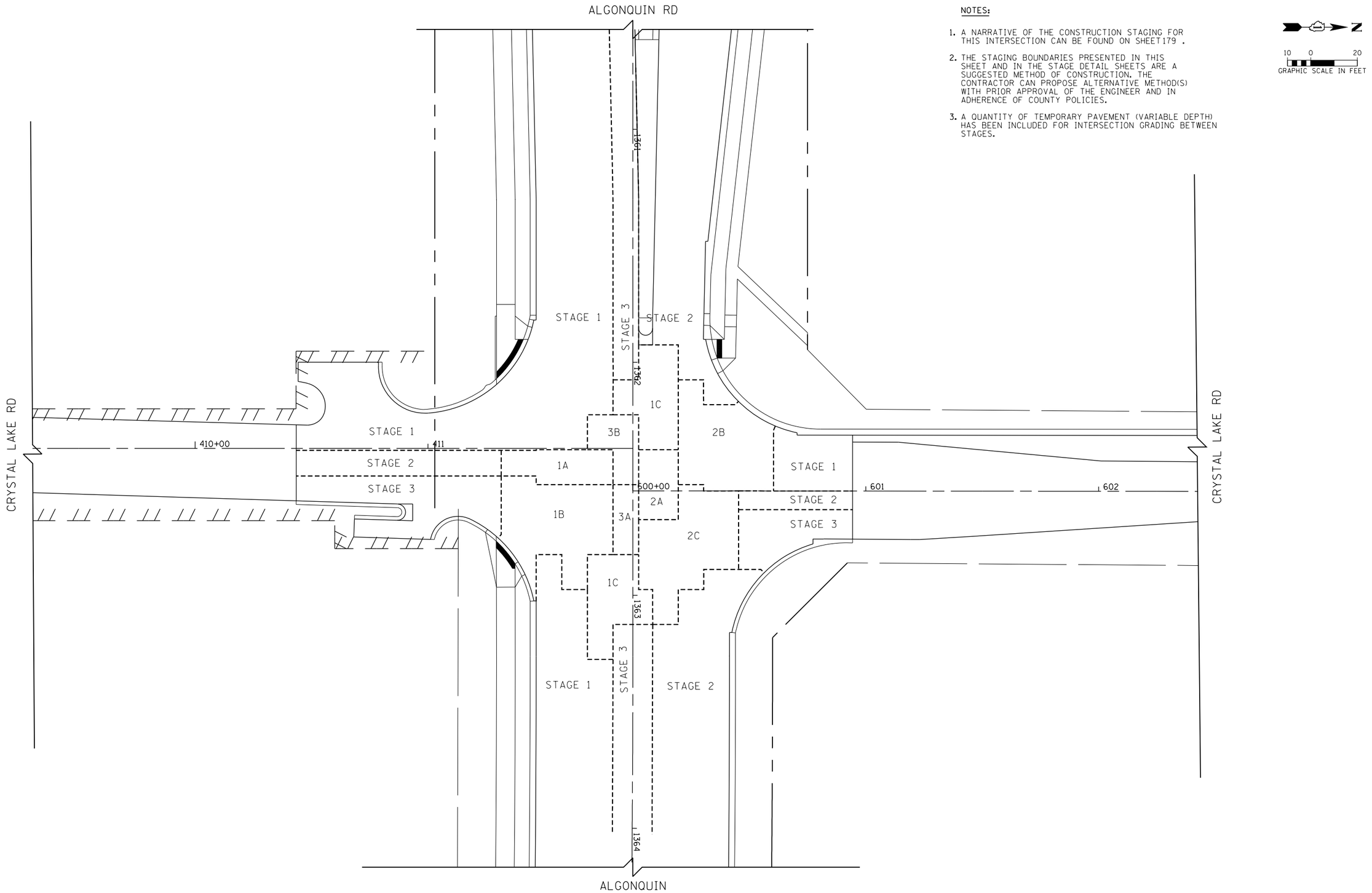
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
INTERSECTION CONSTRUCTION SEQUENCING
ALGONQUIN RD AT CRYSTAL LAKE RD

SCALE: NONE | SHEET 5 OF 12 SHEETS

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	173
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			



NOTES:

1. A NARRATIVE OF THE CONSTRUCTION STAGING FOR THIS INTERSECTION CAN BE FOUND ON SHEET179 .
2. THE STAGING BOUNDARIES PRESENTED IN THIS SHEET AND IN THE STAGE DETAIL SHEETS ARE A SUGGESTED METHOD OF CONSTRUCTION. THE CONTRACTOR CAN PROPOSE ALTERNATIVE METHOD(S) WITH PRIOR APPROVAL OF THE ENGINEER AND IN ADHERENCE OF COUNTY POLICIES.
3. A QUANTITY OF TEMPORARY PAVEMENT (VARIABLE DEPTH) HAS BEEN INCLUDED FOR INTERSECTION GRADING BETWEEN STAGES.

10 0 20
GRAPHIC SCALE IN FEET

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
INTERSECTION CONSTRUCTION SEQUENCING
ALGONQUIN RD AT CRYSTAL LAKE RD

SCALE: 1" = 20' | SHEET 12 OF 12 SHEETS | STA 2189+00 TO STA 2194+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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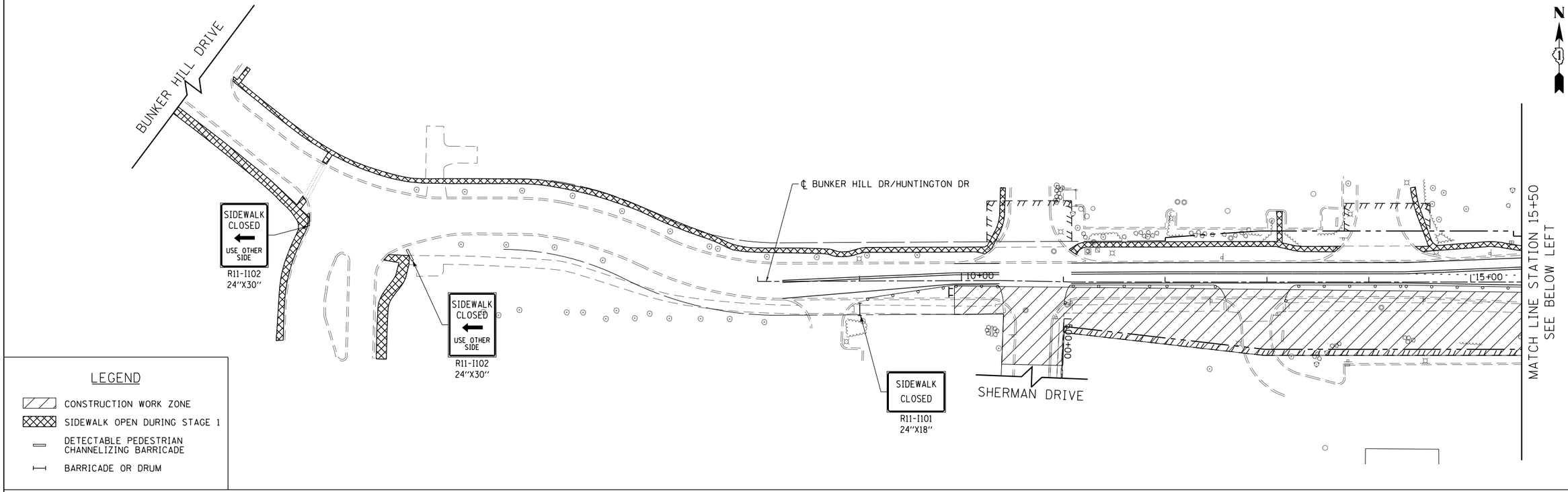
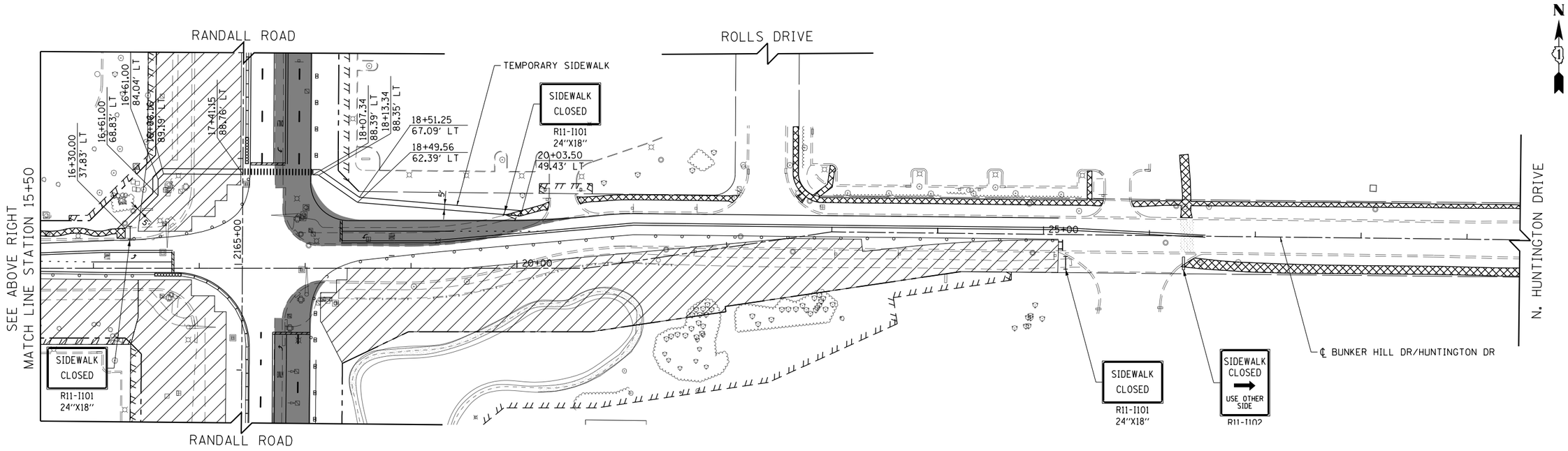
		CONTRACT NO. 61E53		
	ILLINOIS	FED. AID PROJECT		





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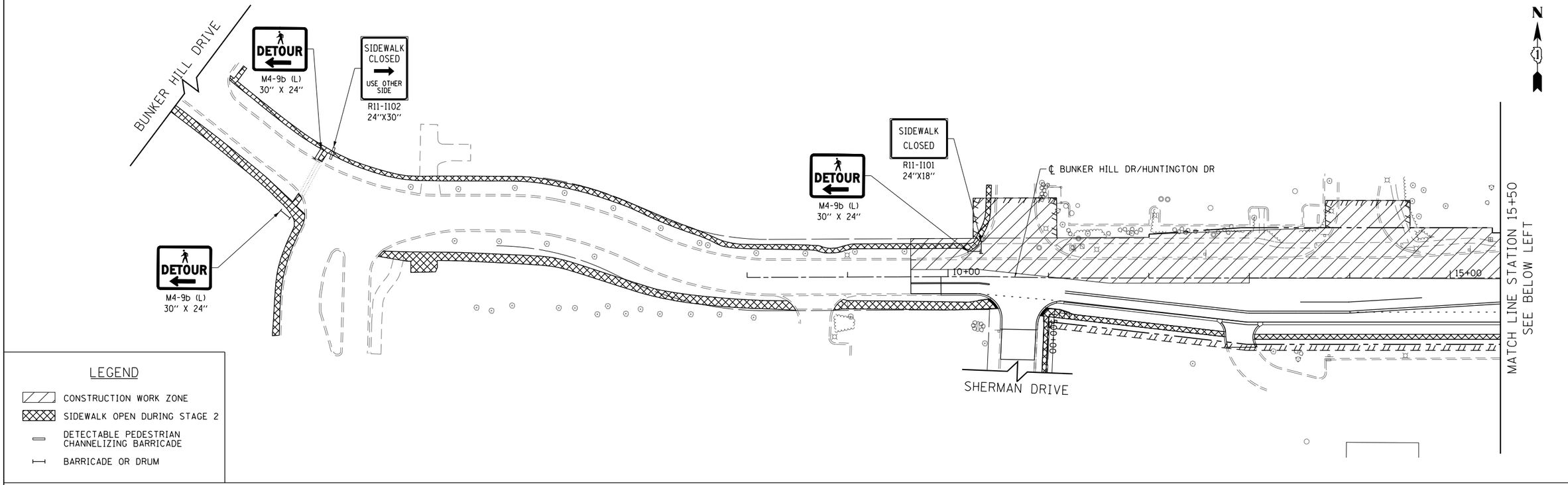
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

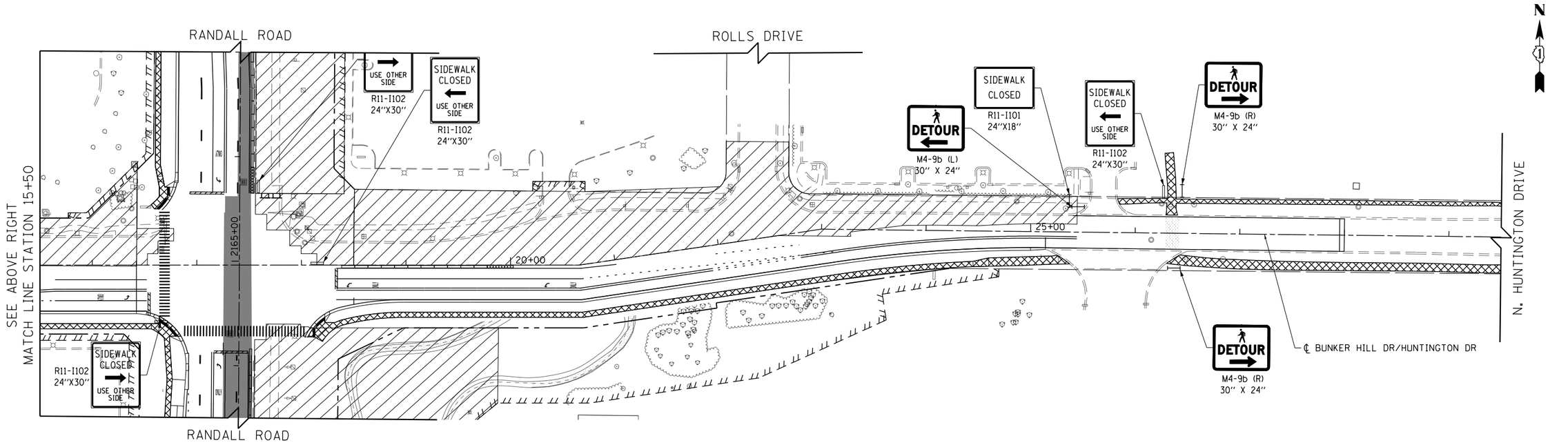
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PEDESTRIAN DETOUR PLAN
BUNKER HILL /HUNTINGTON DRIVE STAGE 1

SCALE: 1" = 50' | SHEET 1 OF 3 SHEETS | STA 8+00 TO STA 30+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	181
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			





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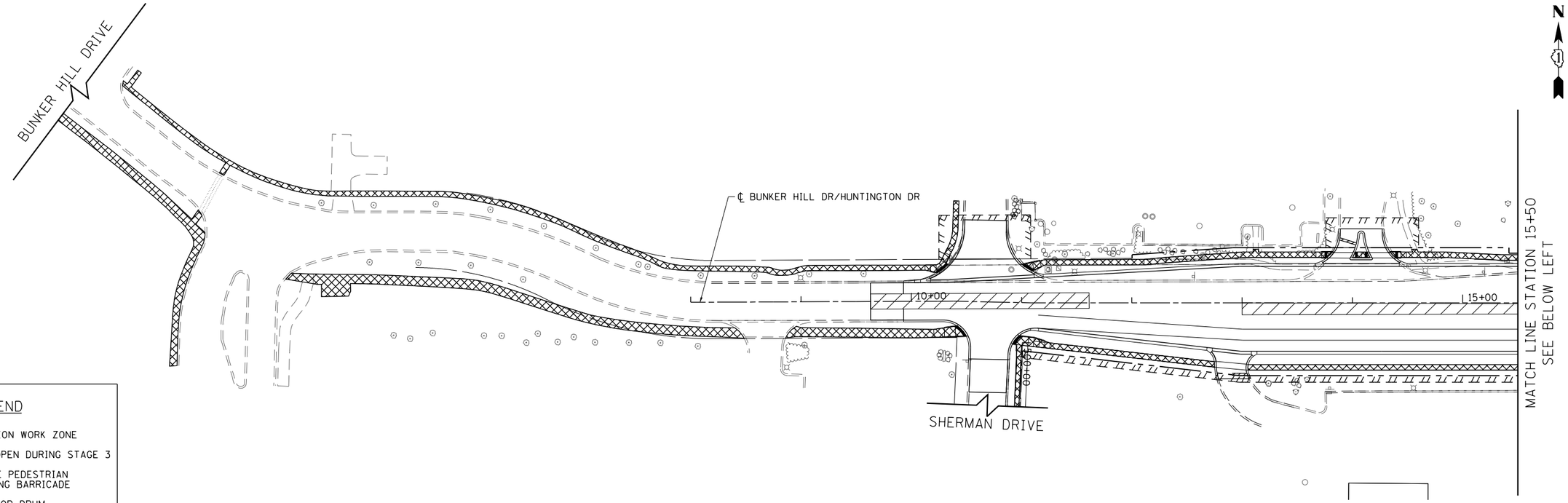
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PEDESTRIAN DETOUR PLAN
BUNKER HILL /HUNTINGTON DRIVE STAGE 2

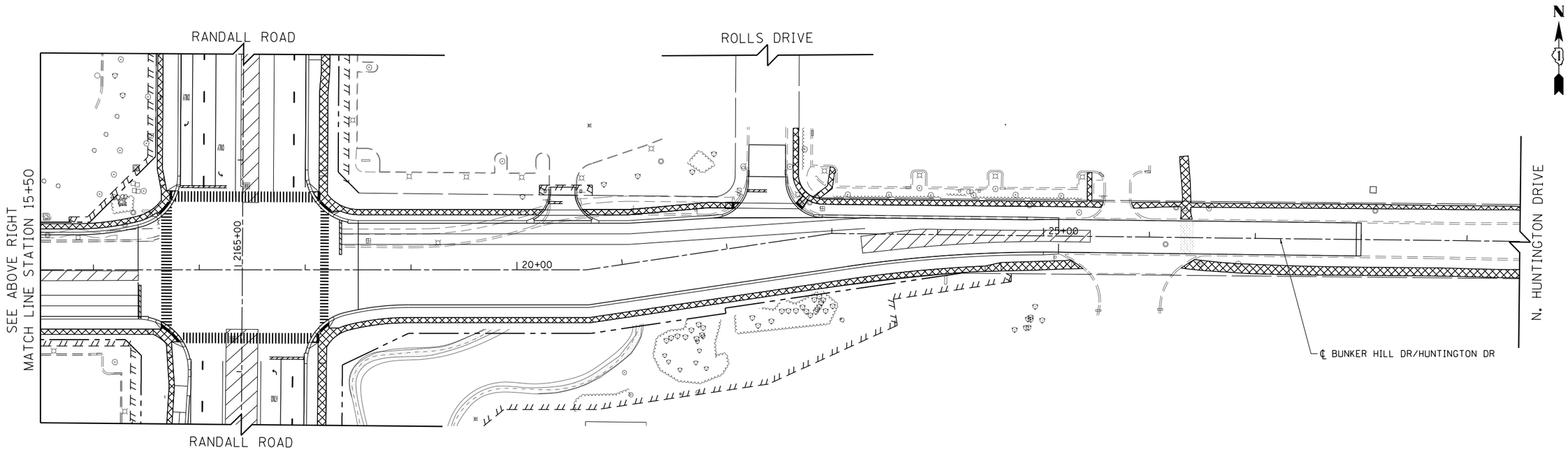
SCALE: 1" = 50' | SHEET 2 OF 3 SHEETS | STA 8+00 TO STA 30+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	182
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			



LEGEND

- CONSTRUCTION WORK ZONE
- SIDEWALK OPEN DURING STAGE 3
- DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE
- BARRICADE OR DRUM



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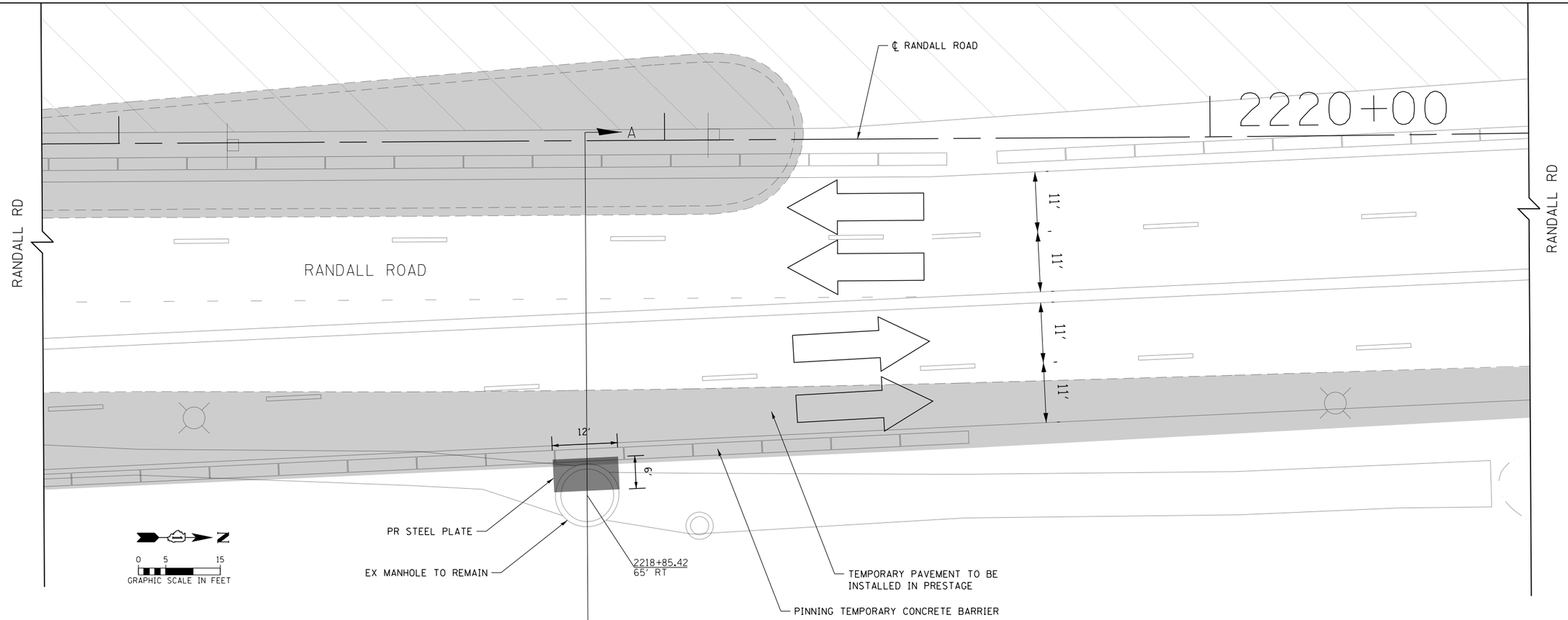
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PEDESTRIAN DETOUR PLAN
BUNKER HILL /HUNTINGTON DRIVE STAGE 3

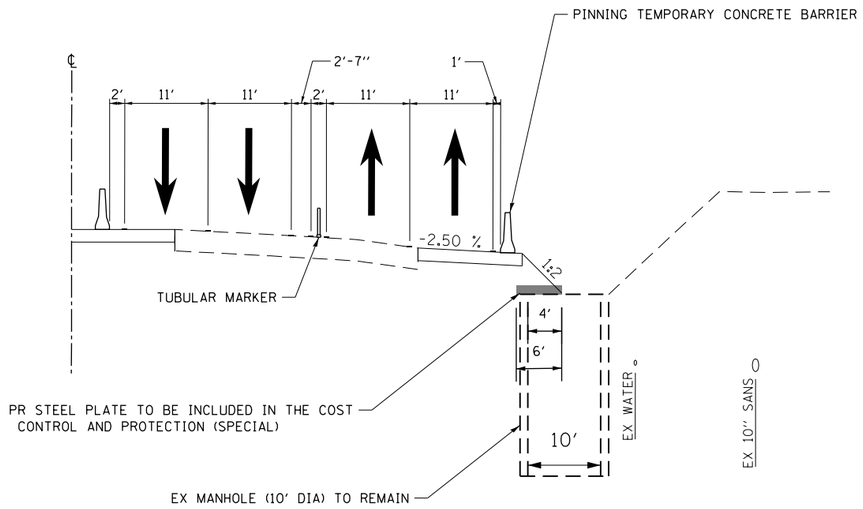
SCALE: 1'' = 50' | SHEET 3 OF 3 SHEETS | STA 8+00 TO STA 30+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	183
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			



NOTES:

1. STEEL PLATE TO BE INSTALLED OVER MANHOLE AT STATION 2218+85.42, 65′ RT DURING PRESTAGE WHEN TEMPORARY PAVEMENT IS INSTALLED AND IS TO REMAIN THROUGH STAGE 1.
2. SEE SHEETS 123 TO 127 FOR RANDALL ROAD PRESTAGE AND SHEETS 128 TO 132 FOR RANDALL ROAD STAGE 1.



SECTION A-A

Tran Systems

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PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL DETAILS

SCALE: 1″ = 20′ | SHEET 1 OF 1 SHEETS | STA 2211+00 TO STA 2216+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	184
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			

GENERAL NOTES

1. TEMPORARY FENCE SHOULD BE ERECTED ALONG THE DRIP LINE OR 8 FT. MAX. DIA., WHICHEVER IS GREATER, OF EXISTING TREES TO REMAIN WITHIN THE LIMITS OF CONSTRUCTION. AFTER TREES ARE SAFELY FENCED NOTHING IS TO BE STORED, DRIVEN, OR DISTURBED INSIDE THE FENCE. REMOVE PROTECTIVE TEMPORARY FENCE ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.

2. EROSION CONTROL WORK ITEMS ARE CONSIDERED TO BE HIGH PRIORITY ITEMS ON THIS CONTRACT. THE ENGINEER WILL IMPLEMENT ALL PROVISIONS OF THE SPECIFICATION NECESSARY TO ASSURE THAT EROSION CONTROL ITEMS ARE CONSTRUCTED AND MAINTAINED IN A TIMELY WAY. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES WHICH WILL POTENTIALLY CREATE ERODABLE CONDITIONS.

3. THE LANDSCAPING AND EROSION CONTROL MEASURES SHOWN ARE BUT A GRAPHICAL REPRESENTATION OF SUGGESTED MEASURES. DEVIATIONS FROM THIS PLAN ARE TO BE EXPECTED PENDING A JOB SITE INSPECTION BETWEEN THE CONTRACTOR AND THE ENGINEER.

4. UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED ACCORDING TO THE IDOT STANDARDS AND SPECIFICATIONS AND SPECIAL PROVISIONS, LATEST EDITION.

5. THE US ARMY CORPS OF ENGINEERS (USACOE) AND MCHENRY - LAKE COUNTY SOIL & WATER CONSERVATION DISTRICT (MLCSWCD) MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRE-CONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITIES, AND ONE WEEK PRIOR TO THE FINAL INSPECTION.

CONTACTS:

JULIE RIMBAULT	ED WESKERNA
REGULATORY SPECIALIST	URBAN EROSION CONTROL SPECIALIST
USACOE	MLCSWCD
312-846-5532	815-338-0099

6. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL DETAIL SHEETS SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.

7. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE MLCSWCD AND CORPS OF ENGINEERS. WORK SHALL BE PAID FOR USING CONTRACT PAY ITEMS. OR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

8. ALL EROSION CONTROL MEASURES MUST BE INSPECTED EVERY 7 DAYS AND AFTER EACH 1/2" RAIN EVENT.

9. EROSION CONTROL BLANKET AND/OR STRAW MULCH WITH NETTING (DEPENDING ON SLOPE, SLOPE LENGTH, AND FLOW RATES) SHALL BE INSTALLED ON ALL SLOPES AND IN CRITICAL AREAS (i.e. PERIMETERS, BERMS, ETC.) IMMEDIATELY UPON FINAL GRADING.

10. NO WORK SHALL BE PERFORMED IN FLOWING WATER. WORK IN AND NEAR THE CRITICAL AREAS SHOULD BE ISOLATED FROM CONCENTRATED FLOWS OR STREAM FLOW. THE STREAM BANKS SHOULD BE STABILIZED AT THE END OF EACH DAY. ONCE WORK IN THIS AREA BEGINS, PRIORITY SHALL BE GIVEN TO THE COMPLETION OF THE WORK AND FINAL STABILIZATION OF ALL DISTURBED AREAS.

11. CHANNEL BANKS MUST BE SEEDED AND STABILIZED WITH HEAVY DUTY EROSION CONTROL BLANKET CONFORMING TO ARTICLE 251.04 PRIOR TO ACCEPTING FLOWS. HEAVY DUTY EROSION CONTROL BLANKET SHALL BE PAID FOR IN SQUARE YARDS WHERE NOT BEING RIP RAPPED.

12. DURING CONSTRUCTION ON CREEK BANKS OR NEAR CULVERT OUTLETS, WORK MUST BE TIMED TO TAKE PLACE DURING LOW OR NO FLOW CONDITIONS.

13. IF DEWATERING IS NECESSARY, THE INLET OF THE HOSE SHALL BE PLACED IN A SUMP PIT AND PUMPED INTO THE DEWATERING SYSTEM SHOWN ON THE EROSION CONTROL PLANS FOR STAGED CONSTRUCTION PRIOR TO DISCHARGE INTO DRAINAGE DITCHES.

14. THE SIDE SLOPES MUST BE RESEEDED AND STABILIZED WITH RIPRAP OR BLANKET PRIOR TO ACCEPTING FLOWS. THE BOTTOM OF THE TEMP SWALE MUST BE BROUGHT BACK TO ITS ORIGINAL OR PROPOSED GRADE PER PLAN AND STABLE ENOUGH TO ACCEPT FLOWS. TIMING OF THE WORK SHALL BE CONSISTENT WITH THE CONSTRUCTION PHASING.

15. PRIOR TO COMMENCING LAND-DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS (INCLUDING BUT NOT LIMITED TO ADDITIONAL PHASES OF DEVELOPMENT AND OFF-SITE BORROW OR WASTE AREAS), A SUPPLEMENTAL EROSION CONTROL PLAN SHALL BE SUBMITTED TO THE ENGINEER AND THE MLCSWCD FOR REVIEW.

16. SITE DEWATERING SHALL ONLY OCCUR IN THE PLAN-DEFINED AREA TO PROVIDE A DRY CONSTRUCTION AREA IF NECESSARY, AND WILL BE TEMPORARY ONLY. NO ADDITIONAL DEWATERING SHALL BE AUTHORIZED UNLESS SOIL EROSION AND SEDIMENT CONTROL MEASURES ARE APPROVED BY THE ENGINEER.

17. THE DISTURBANCE SHALL BE LIMITED TO THE MINIMUM WIDTH NECESSARY TO COMPLETE THE AUTHORIZED WORK.

18. ONLY LOW GROUND-PRESSURE EQUIPMENT IS ALLOWED FOR WORK IN WETLANDS.

19. ALL MATERIALS USED FOR TEMPORARY CONSTRUCTION ACTIVITIES WILL BE REMOVED TO UPLAND AREAS IMMEDIATELY FOLLOWING COMPLETION OF THE CONSTRUCTION ACTIVITY.

20. THE CONTRACTOR IS REQUIRED TO RESTORE THE CONSTRUCTION AREA TO PRE-CONSTRUCTION CONDITIONS, INCLUDING GRADING TO ORIGINAL CONTOURS AND REVEGETATING DISTURBED AREAS WITH NATIVE VEGETATION (SEE PLANTING SEED MIX LIST OR OTHER VEGETATION APPROVED BY THE COUNTY) IMMEDIATELY UPON COMPLETION OF THE PROJECT.

21. ALL DISTURBED AREAS AND WORK AREAS MUST BE ISOLATED FROM CHANNEL FLOWS AT ALL TIMES. EXACT MEANS AND METHODS SHOULD BE DISCUSSED DURING A SCHEDULED PRECONSTRUCTION MEETING. THE MLCSWCD MUST BE IN AGREEMENT WITH OVERALL EXACT METHOD OF DIVERSION/ISOLATION PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.

22. THE SUGGESTED SITE DEWATERING SHALL ONLY OCCUR TO PROVIDE A DRY CONSTRUCTION AREA IF NECESSARY, AND WILL BE TEMPORARY ONLY. NO ADDITIONAL DEWATERING SHALL BE AUTHORIZED UNLESS SOIL EROSION AND SEDIMENT CONTROL MEASURES ARE APPROVED BY THE ENGINEER.

23. ALL COMPENSATORY STORAGE SHALL BE OPERATIONAL PRIOR TO PLACEMENT OF FILL, STRUCTURES, OR OTHER MATERIALS IN THE REGULATORY FLOODPLAIN. GRADING SHALL BE DONE IN SUCH A MANNER THAT EXISTING FLOODPLAIN STORAGE IS MAINTAINED AT ALL TIMES.

24. MATERIALS & EQUIPMENT, INCLUDING TOPSOIL STOCKPILES, MAY NOT BE STORED WITHIN THE LIMITS OF THE FLOODPLAIN.

25. ALL SEDIMENT & EROSION CONTROL MEASURES SHALL BE IN PLACE & VERIFIED BY THE ENGINEER PRIOR TO START OF CONSTRUCTION.

26. ALL IN-STREAM WORK, SUCH AS THE REMOVAL OF ACCUMULATED SEDIMENTS, AND DEMOLITION WORK, SUCH AS THE REMOVAL OF EXISTING STRUCTURES SHALL BE CAREFULL LABELES ON THE CONSTRUCTION DRAWINGS.

27. TREE PROTECTION FENCE SHALL BE PAID FOR AS TEMPORARY FENCE. MAXIMUM PAY LIMIT MEASURED AS 8' DIAMETER FROM THE CENTER OF TREE OR AS DETERMINED BY THE ENGINEER.

28. NO STRAW BALES SHALL BE PERMITTED FOR USE ON THIS PROJECT.

SOIL EROSION AND SEDIMENTATION CONTROL SPECIFICATIONS:

1. GENERAL

A. THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF ALL APPLICABLE PROVISIONS OF THE APPLICABLE COUNTY CODE, THE ILLINOIS PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL, IEPA STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENTATION CONTROL, AND ANY LOCAL, COUNTY, STATE AND/OR FEDERAL STORM WATER MANAGEMENT AND/OR SOIL EROSION AND POLLUTION CONTROL ORDINANCES.

B. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND MAINTENANCE OF ALL TEMPORARY AND PERMANENT SOIL EROSION AND SEDIMENTATION CONTROL MEASURES. ALL EROSION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL PERMANENT VEGETATION AND OR GROUND COVER HAS BEEN ESTABLISHED WITH COVERAGE OF AT LEAST 70 PERCENT.

C. SEDIMENT AND EROSION CONTROL DEVICES SHALL BE FUNCTIONAL BEFORE LAND IS OTHERWISE DISTURBED ON THE SITE.

2. IMPLEMENTATION

A. BEFORE STARTING CLEARING AND SITE GRADING WORK, A STABILIZED CONSTRUCTION ENTRANCE AND PERIMETER EROSION BARRIERS SHALL BE INSTALLED AS SHOWN ON THE PLANS. IF DIRECTED BY THE DESIGNATED EROSION CONTROL INSPECTOR OR LOCAL ENFORCEMENT OFFICER AND/OR COUNTY ENGINEER, THE CONTRACTORS SHALL INSTALL ADDITIONAL SOIL AND EROSION CONTROL MEASURES AS NEEDED UTILIZING BEST MANAGEMENT PRACTICES.

B. THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE MONITORED PERIODICALLY FOR ITS EFFECTIVENESS TO COLLECT DIRT WHICH COULD LEAVE THE SITE VIA CONSTRUCTION VEHICLES. ANY DEFICIENCIES SHALL BE CORRECTED IMMEDIATELY.

C. GRAVELED ROADS, ACCESS DRIVES, PARKING AREAS OF SUFFICIENT WIDTH AND LENGTH, AND VEHICLE WASH DOWN FACILITIES, IF NECESSARY, SHALL BE PROVIDED TO PREVENT SOIL FROM BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS. ANY SOIL REACHING A PUBLIC OR PRIVATE ROADWAY SHALL BE REMOVED BEFORE THE END OF EACH WORKDAY, AT THE CONTRACTORS EXPENSE.

D. ANY PUBLIC AND/OR PRIVATE ROADS THAT ARE ADJACENT TO THE SITE AND USED FOR INGRESS AND EGRESS, SHALL BE MONITORED AND CLEANED AS SOON AS SOIL IS DEPOSITED ON THESE SURFACES.

E. IF A STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN 14 DAYS, SEDIMENT AND EROSION CONTROL SHALL BE PROVIDED AROUND SUCH STOCKPILE. ANY PART OF THE STOCKPILE TO REMAIN UNTOUCHED FOR 21 DAYS MUST BE PROTECTED WITH TEMPORARY SOIL AND EROSION CONTROL MEASURES WITHIN 14 DAYS OF THE LAST DAY THE STOCKPILE WAS DISTURBED. MATERIALS & EQUIPMENT, INCLUDING TOPSOIL STOCKPILES, MAY NOT BE STORED WITHIN THE LIMITS OF THE FLOODPLAIN.

F. ANY DISTURBED AREAS SHALL BE PERMANENTLY OR TEMPORARILY PROTECTED FROM SOIL EROSION WITHIN 14 DAYS AFTER ACTIVITY HAS CEASED UNLESS ACTIVITY WILL RESUME WITHIN 21 DAYS FROM INITIAL CEASE IN ACTIVITY. TEMPORARY COVER SHALL BE MAINTAINED CONTINUOUSLY UNTIL PERMANENT COVER IS ESTABLISHED.

3. MAINTENANCE AND INSPECTIONS

A. MCHENRY COUNTY DOT WILL BE RESPONSIBLE FOR MONITORING AND MAINTANING THE NPDES PERMIT.

B. THE CONTRACTOR SHALL BE RESPONSIBLE UNLESS OTHERWISE SPECIFIED IN THE PROJECT SPECIFICATIONS FOR THE INSTALLATION AND MAINTENANCE OF THE SOIL EROSION AND SEDIMENTATION CONTROL FOR THIS SITE. PRIOR TO ANY CONSTRUCTION ACTIVITY THE INITIAL SOIL EROSION AND SEDIMENTATION CONTROL MUST BE INSPECTED AND APPROVED BY THE ENGINEER AND THE MLCSWCD.

C. QUALIFIED PERSONNEL SHALL INSPECT DISTURBED AREAS OF THE CONSTRUCTION SITE THAT HAVE NOT BEEN PERMANENTLY STABILIZED, STRUCTURAL CONTROL MEASURES, AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.5 INCH OR GREATER OR EQUIVALENT SNOWFALL.

D. DISTURBED AREAS AND AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION SHALL BE INSPECTED FOR EVIDENCE OF/OR POTENTIAL FOR POLLUTANTS ENTERING THE DRAINAGE SYSTEM. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING IMPACTS TO RECEIVING WATERS. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFFSITE SEDIMENT TRACKING. BASED ON THE RESULTS OF THE INSPECTION, THE DESCRIPTION OF POTENTIAL POLLUTANT SOURCES IDENTIFIED IN THE PLAN AND POLLUTION PREVENTION MEASURES IDENTIFIED IN THE PLAN SHALL BE REVISED AS APPROPRIATE AS SOON AS PRACTICAL AFTER SUCH INSPECTION. SUCH MODIFICATIONS SHALL PROVIDE FOR TIMELY IMPLEMENTATION OF ANY CHANGES TO THE PLAN WITH SEVEN (7) CALENDAR DAYS FOLLOWING THE INSPECTION.

E. A REPORT SUMMARIZING THE SCOPE OF THE INSPECTION, NAME(S) AND QUALIFICATIONS OF PERSONNEL/ENGINEER MAKING THE INSPECTION, THE DATE(S) OF THE INSPECTION, MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THE STORM WATER POLLUTION PREVENTION PLAN, AND ACTIONS TAKEN SHALL BE MADE AND RETAINED AS PART OF THE STORM WATER POLLUTION PREVENTION PLAN FOR AT LEAST THREE (3) YEARS AFTER THE DATE OF INSPECTION. THE ENGINEER SHALL COMPLETE AND SUBMIT WITHIN 24 HOURS AN INCIDENCE OF NON-COMPLIANCE OBSERVED DURING AN INSPECTION CONDUCTED, SUBMISSION SHALL BE ON FORMS PROVIDED BY THE AGENCY AND SHALL INCLUDE SPECIFIC INFORMATION ON THE CAUSE OF NON-COMPLIANCE, ACTIONS WHICH WERE TAKEN TO PREVENT ANY FURTHER CAUSES OF NON-COMPLIANCE, AND A STATEMENT DETAILING ANY ENVIRONMENTAL IMPACT WHICH MAY HAVE RESULTED FROM THE NON-COMPLIANCE. AN INCIDENCE OF NON-COMPLIENCE IS DEFINED AS ANY NOTICEABLE DISCHARGE OF ANY SEDIMENT LEAVING THE SITE.

SOIL EROSION AND SEDIMENTATION CONTROL NOTES:

A. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. AREAS OF THE DEVELOPMENT SITE THAT ARE NOT TO BE GRADED SHALL BE PROTECTED FROM CONSTRUCTION TRAFFIC OR OTHER DISTURBANCE UNTIL FINAL SEEDING IS PERFORMED.

B. PROPERTIES AND CHANNELS ADJOINING THE DEVELOPMENT SITE SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION.

C. SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.

D. DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN SEVEN (7) CALENDAR DAYS FOLLOWING THE END OF ACTIVE HYDROLOGIC DISTURBANCE.

E. ALL STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY AN APPROPRIATE SEDIMENT CONTROL MEASURE.

F. IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION. DISCHARGES SHALL BE ROUTED THROUGH AN EFFECTIVE SEDIMENT CONTROL MEASURE (E.G., SEDIMENT TRAP, SEDIMENT BASIN, OR OTHER APPROPRIATE MEASURES).

G. ALL TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (30) DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED. TRAPPED SEDIMENT AND OTHER DISTURBED SOIL AREAS SHALL BE PERMANENTLY STABILIZED.

H. SOIL STOCKPILES SHALL NOT BE LOCATED IN A FLOOD-PRONE AREA OR A DESIGNATED BUFFER PROTECTING WATERS OF THE UNITED STATES OR ISOLATED WATERS OF MCHENRY COUNTY.

I. THE CONTRACTOR SHALL PROVIDE ADEQUATE RECEPTACLES FOR THE DEPOSITION OF ALL CONSTRUCTION MATERIAL DEBRIS GENERATED DURING THE DEVELOPMENT PROCESS. THE CONTRACTOR SHALL NOT CAUSE OR PERMIT THE DUMPING, DEPOSITING, DROPPING, THROWING, DISCARDING OR LEAVING OF CONSTRUCTION MATERIAL DEBRIS UPON OR INTO ANY DEVELOPMENT SITE, CHANNEL, WATERS OF THE U.S. OR ISOLATED WATERS OF MCHENRY COUNTY. THE CONTRACTOR SHALL MAINTAIN THE DEVELOPMENT SITE FREE OF CONSTRUCTION MATERIAL DEBRIS.

J. ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED IN AN EFFECTIVE WORKING CONDITION.

DRAIN TILES & NATURAL UNDERGROUND SPRINGS

DRAIN TILE SYSTEMS DISTURBED DURING DEVELOPMENT MUST BE RECONNECTED BY THOSE RESPONSIBLE FOR THEIR DISTURBANCE UNLESS THE APPROVED PLANS INDICATE HOW THE DRAIN TILE SYSTEM IS TO BE CONNECTED TO THE PROPOSED STORMWATER MANAGEMENT SYSTEM. ALL ABANDONED DRAIN TILES SHALL BE REMOVED IN THEIR ENTIRETY.

CONTRACTOR TO BE AWARE OF NATURAL SPRINGS IN THE PROJECT LIMITS. COST FOR DIVERSION OF GROUNDWATER SHALL BE PAID FOR AS "DEWATERING" AND SHALL INCLUDE ANY AND ALL BYPASS PUMPING NECESSARY TO COMPLETE THE CONSTRUCTION OF THE PROJECT.

Bollinger, Lach & Associates, Inc.
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL DETAILS
GENERAL NOTES

SCALE: NONE | SHEET 1 OF 2 SHEETS

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	185
		CONTRACT NO. 61E53		
		ILLINOIS	FED. AID PROJECT	

TEMPORARY EROSION CONTROL SEQUENCE OF CONSTRUCION

SEE EROSION CONTROL PLAN SHEETS AND IMPLEMENT PLAN.

PRESTAGE

ESTABLISH TEMPORARY EROSION CONTROL MEASURES INCLUDING ERECTING PERIMETER EROSION BARRIER, TEMPORARY FENCES, INLET FILTERS, INLET AND PIPE PROTECTION, TEMPORARY DITCH CHECKS WHERE SHOWN.

GRADE PONDS FOR DETENTION

INSTALL DRAINAGE STRUCTURES, STORM SEWERS, CULVERTS, AND OTHER ULITITIES AS SHOWN ON DRAINAGE PLANS. ALL STORM SEWER STAGED CONNECTIONS SHALL END WITH A BELL CONNECTION AND SHALL BE TEMPORARILY PLUGGED UNTIL THE CONNECTION IS MADE.

INSTALL TEMPORARY SEEDING WITH TEMPORARY EROSION CONTROL BLANKET.

INSTALL FILTER FABRIC AND STONE RIP RAP AS SHOWN.

STAGE 1

LEAVE NECESSARY PRESTAGE EROSION CONTROL MEASURES.

INSTALL TRAFFIC CONTROL DEVICES

ESTABLISH TEMPORARY EROSION CONTROL MEASURES INCLUDING ERECTING PERIMETER EROSION BARRIER, TEMPORARY FENCES, INLET FILTERS, INLET AND PIPE PROTECTION, TEMPORARY DITCH CHECKS WHERE SHOWN.

REMOVE EXISTING PAVEMENT AS SHOWN ON M.O.T. PLANS

STRIP TOPSOIL AND STOCKPILE WITH PERIMETER EROSION BARRIER AROUND THE BASE. USE TEMPORARY SEEDING ON STOCKPILE.

INSTALL DRAINAGE STRUCTURES, STORM SEWERS, CULVERTS, AND OTHER ULITITIES AS SHOWN ON DRAINAGE PLANS. ALL STORM SEWER STAGED CONNECTIONS SHALL END WITH A BELL CONNECTION AND SHALL BE TEMPORARILY PLUGGED UNTIL THE CONNECTION IS MADE.

INSTALL ROADWAY SUBGRADE AND EMBANKMENT WIDENING.

INSTALL NEW PAVEMENT AND GRADE DITCHES, SLOPES.

INSTALL TEMPORARY DITCH CHECKS AFTER DITCH GRADING.

INSTALL PERMANENT SEEDING WITH EROSION CONTROL BLANKET AND HEAVY DUTY EROSION CONTROL BLANKET AS REQUIRED.

INSTALL FILTER FABRIC AND STONE RIP RAP AS SHOWN.

STAGE 2

LEAVE NECESSARY STAGE 1 EROSION CONTROL MEASURES.

INSTALL TRAFFIC CONTROL DEVICES

ESTABLISH TEMPORARY EROSION CONTROL MEASURES INCLUDING ERECTING PERIMETER EROSION BARRIER, TEMPORARY FENCES, INLET FILTERS, INLET AND PIPE PROTECTION, TEMPORARY DITCH CHECKS WHERE SHOWN.

REMOVE EXISTING PAVEMENT AS SHOWN ON M.O.T. PLANS

STRIP TOPSOIL AND STOCKPILE WITH PERIMETER EROSION BARRIER AROUND THE BASE. USE TEMPORARY SEEDING ON STOCKPILE.

INSTALL DRAINAGE STRUCTURES, STORM SEWERS, CULVERTS, AND OTHER ULITITIES AS SHOWN ON DRAINAGE PLANS. ALL STORM SEWER STAGED CONNECTIONS SHALL END WITH A BELL CONNECTION AND SHALL BE TEMPORARILY PLUGGED UNTIL THE CONNECTION IS MADE.

INSTALL ROADWAY SUBGRADE AND EMBANKMENT WIDENING.

INSTALL NEW PAVEMENT AND GRADE DITCHES, SLOPES.

INSTALL TEMPORARY DITCH CHECKS AFTER DITCH GRADING.

INSTALL PERMANENT SEEDING WITH EROSION CONTROL BLANKET AND HEAVY DUTY EROSION CONTROL BLANKET AS REQUIRED.

INSTALL FILTER FABRIC AND STONE RIP RAP AS SHOWN.

TEMPORARY EROSION CONTROL SEQUENCE OF CONSTRUCION (CONTINUED)

STAGE 3

LEAVE NECESSARY STAGE 2 EROSION CONTROL MEASURES.

INSTALL TRAFFIC CONTROL DEVICES

ESTABLISH TEMPORARY EROSION CONTROL MEASURES INCLUDING ERECTING PERIMETER EROSION BARRIER, TEMPORARY FENCES, INLET FILTERS, INLET AND PIPE PROTECTION, TEMPORARY DITCH CHECKS WHERE SHOWN.

REMOVE EXISTING PAVEMENT AS SHOWN ON M.O.T. PLANS

STRIP TOPSOIL AND STOCKPILE WITH PERIMETER EROSION BARRIER AROUND THE BASE. USE TEMPORARY SEEDING ON STOCKPILE.

INSTALL DRAINAGE STRUCTURES, STORM SEWERS, CULVERTS, AND OTHER ULITITIES AS SHOWN ON DRAINAGE PLANS.

INSTALL ROADWAY SUBGRADE AND EMBANKMENT WIDENING.

INSTALL NEW PAVEMENT AND GRADE DITCHES, SLOPES.

INSTALL TEMPORARY DITCH CHECKS AFTER DITCH GRADING.

INSTALL PERMANENT SEEDING WITH EROSION CONTROL BLANKET.

INSTALL FILTER FABRIC AND STONE RIP RAP AS SHOWN.
COMPLETE FINAL LANDSCAPING.

REMOVAL ALL TEMPORARY EROSION CONTROL ITEMS AFTER FINAL STABILIZATION OF DISTURBED GROUND.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL DETAILS
GENERAL NOTES

SCALE: NONE | SHEET 2 OF 2 SHEETS

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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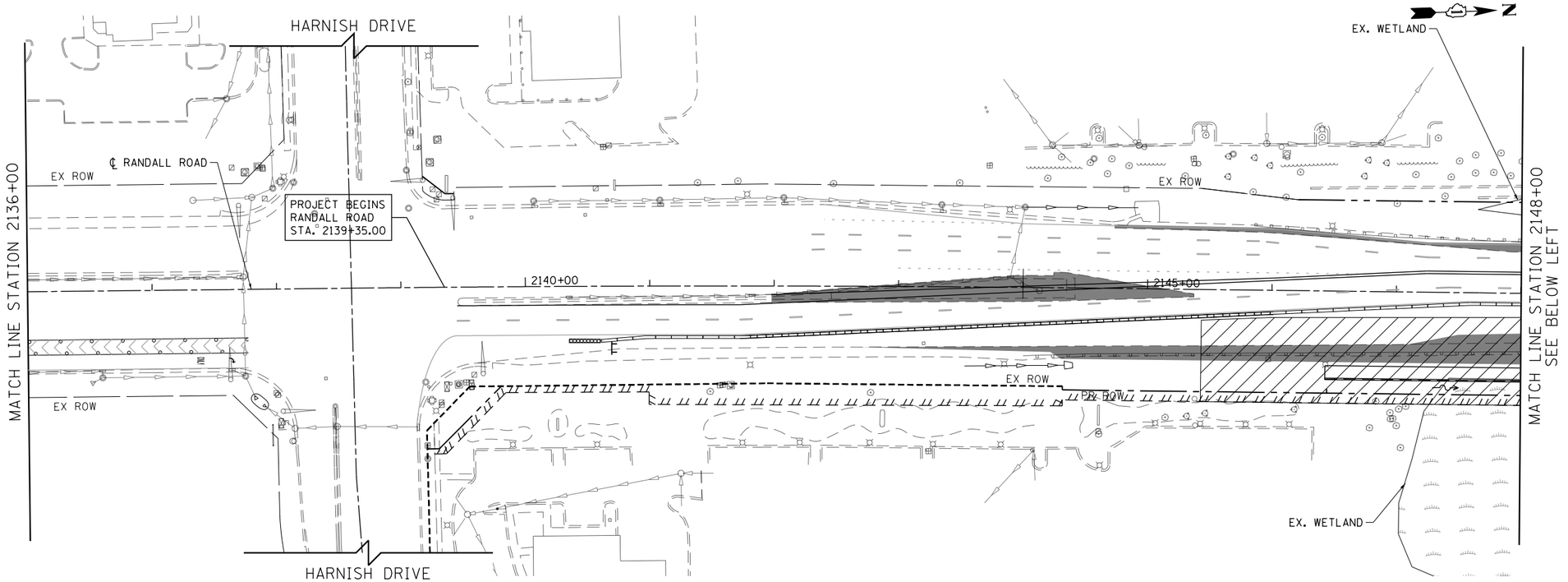
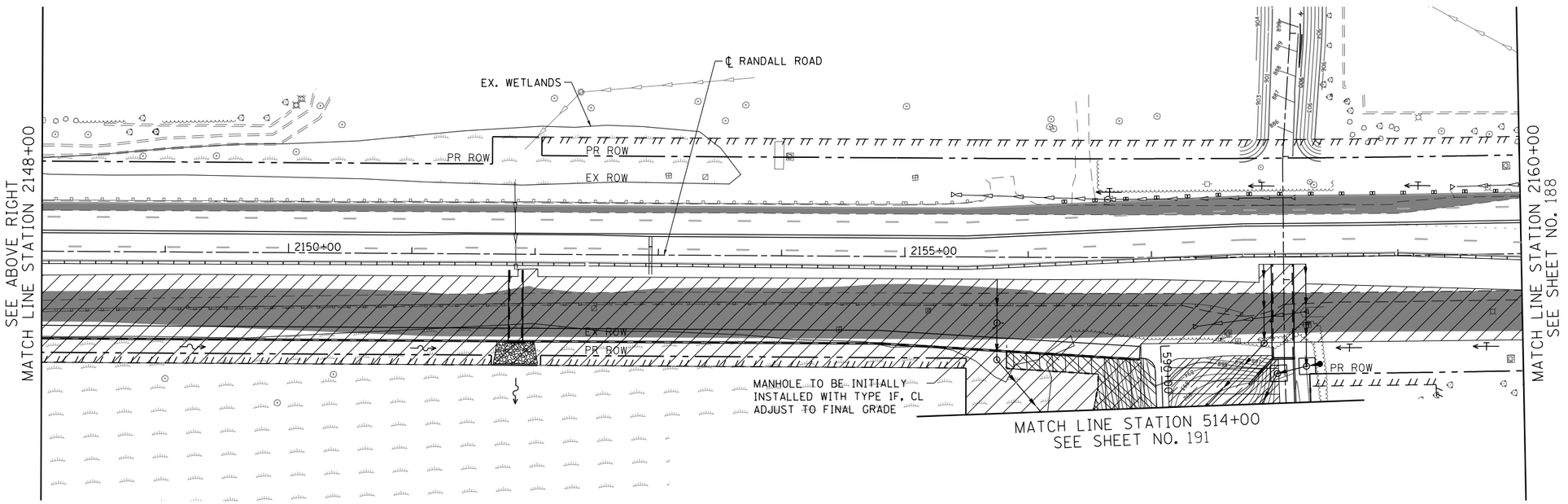
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			



LEGEND

- EROSION CONTROL BLANKET
- HEAVY DUTY EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER
- PERIMETER EROSION BARRIER SPECIAL, TEMPORARY FENCE
- INLET AND PIPE PROTECTION
- INLET FILTERS
- CULVERT INLET PROTECTION-STONE
- TEMPORARY DITCH CHECK
- STABILIZED CONSTUCTION ENTRANCE
- CONCRETE TRUCK WASHOUT
- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT
- EXISTING WETLANDS
- TEMPORARY DITCH (PLACE TEMPORARY EROSION CONTROL BLANKET)



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL DETAILS
RANDALL ROAD PRESTAGE

SCALE: 1'' = 50' | SHEET 1 OF 6 SHEETS | STA 2136+00 TO STA 2160+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	187
		CONTRACT NO. 61E53		
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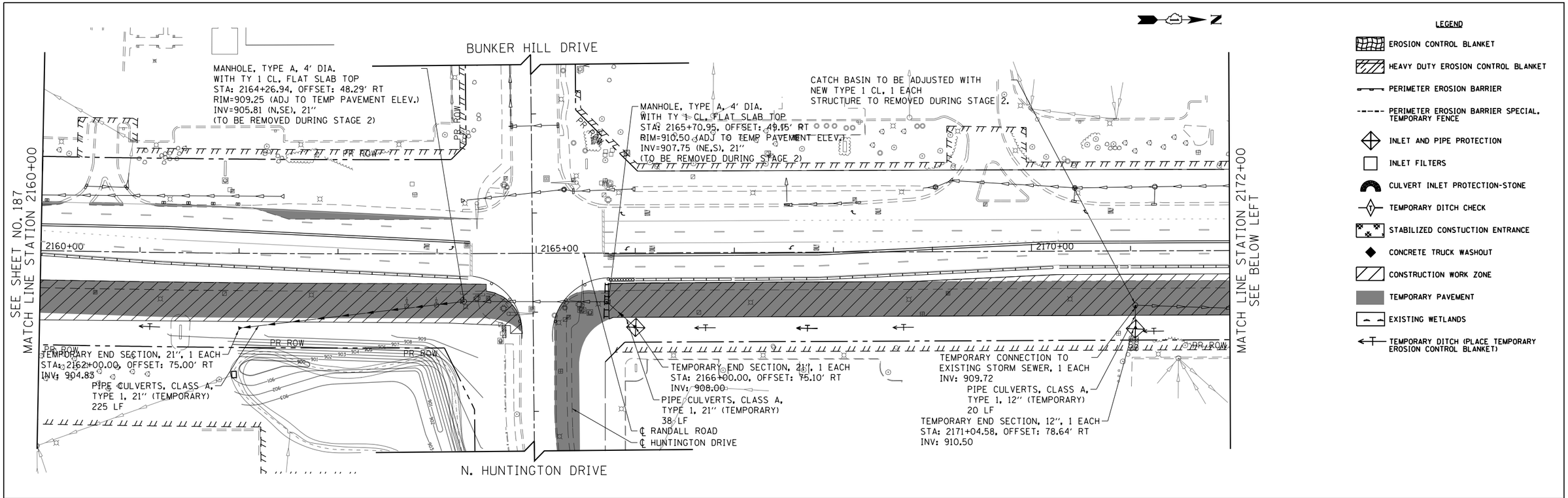

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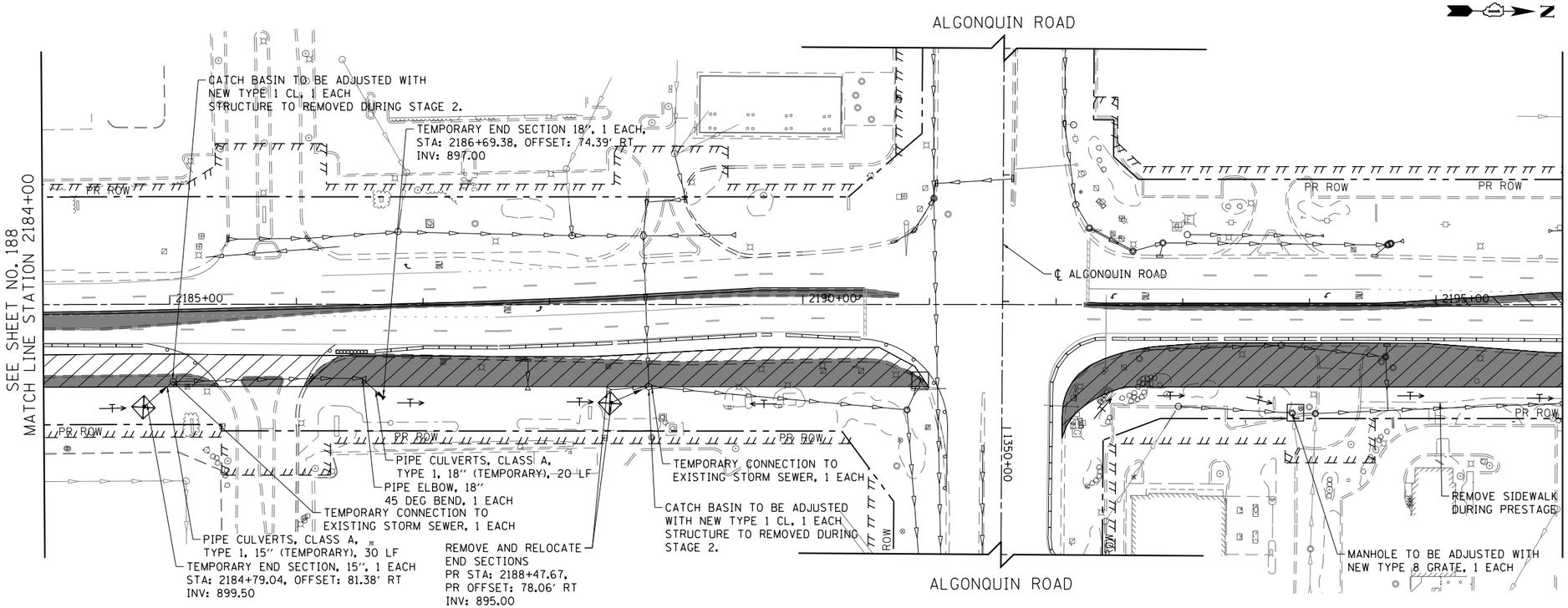
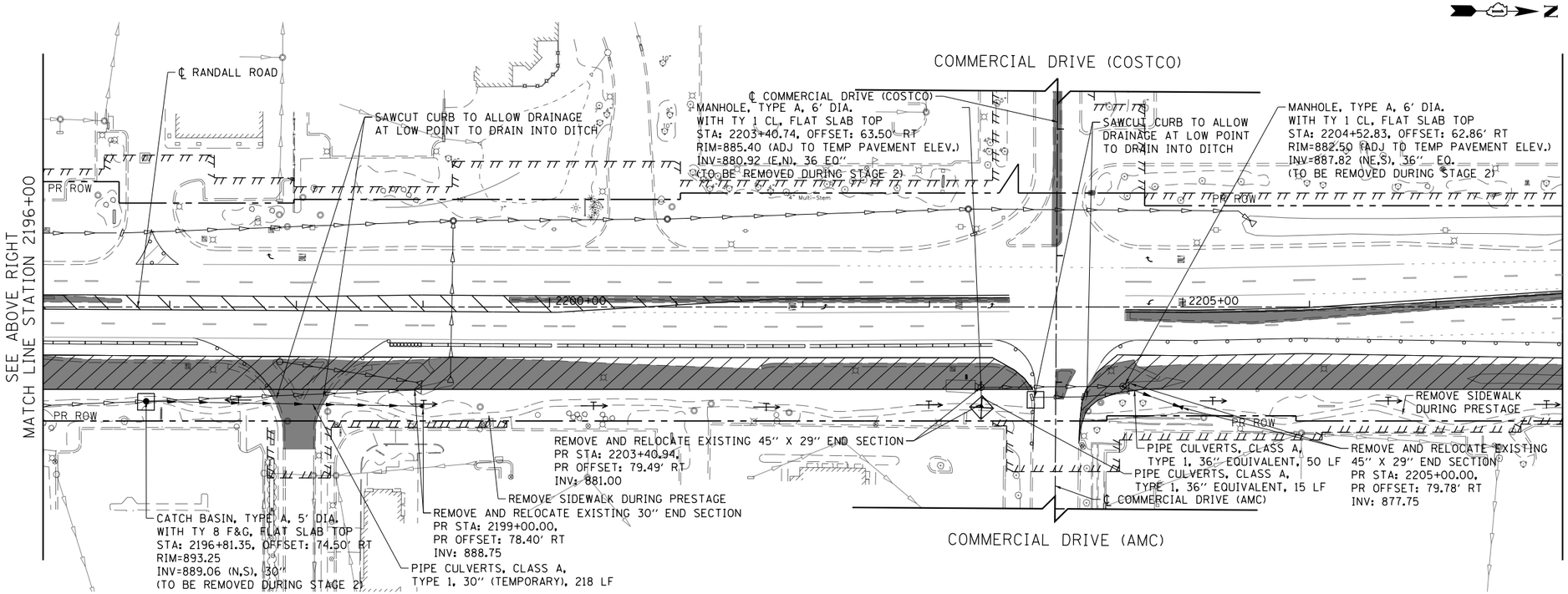
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL DETAILS
RANDALL ROAD PRESTAGE

SCALE: 1" = 50' | SHEET 2 OF 6 SHEETS | STA 2160+00 TO STA 2184+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	188
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			





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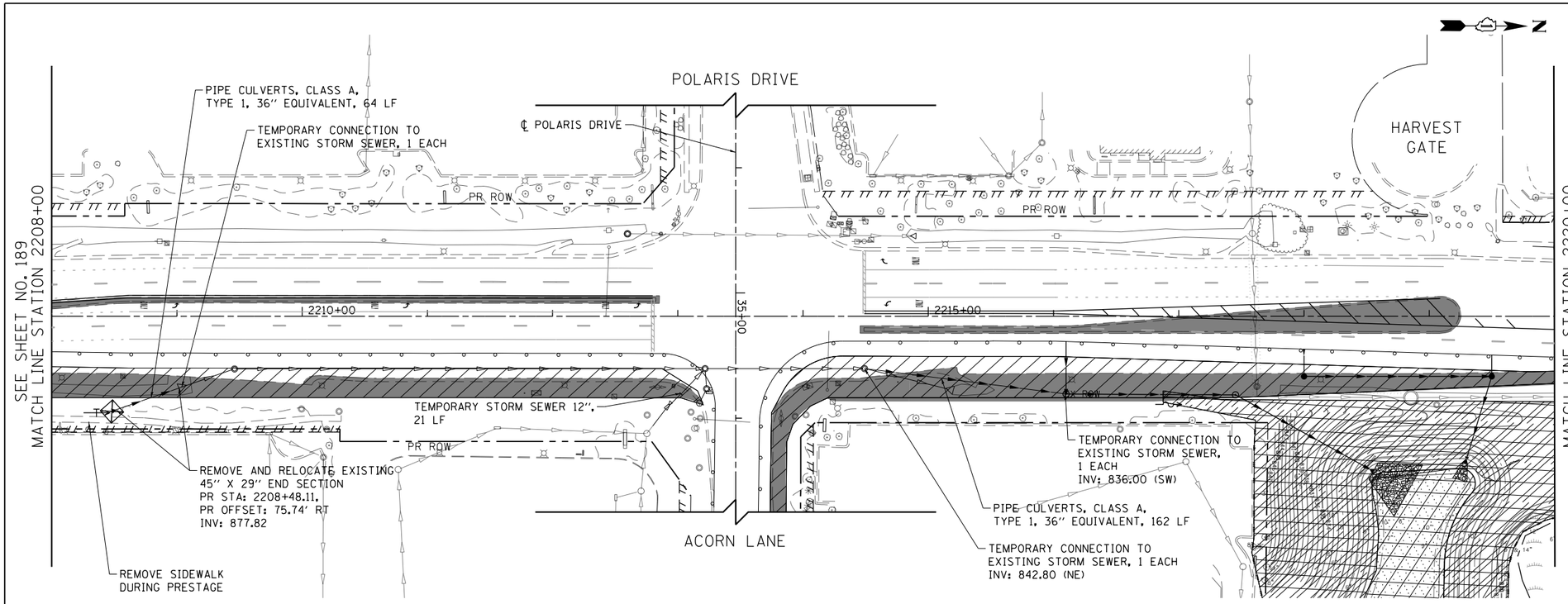
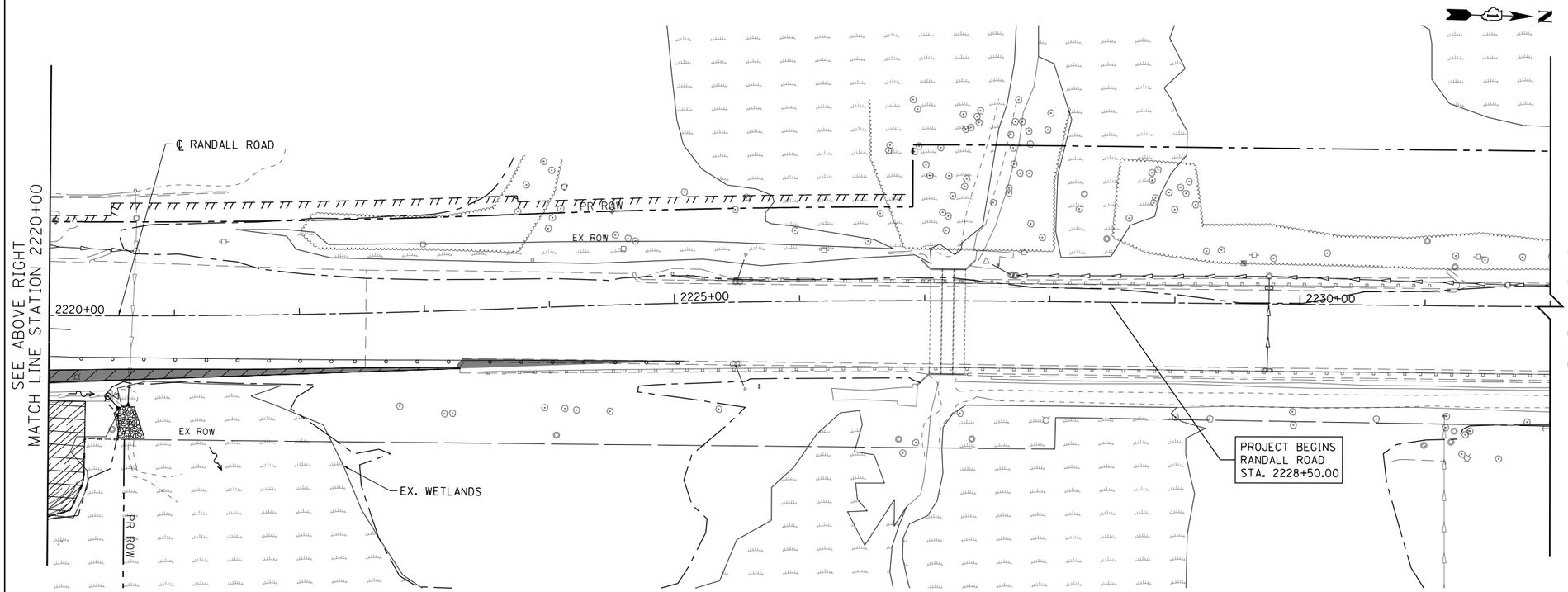
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL DETAILS
RANDALL ROAD PRESTAGE

SCALE: 1" = 50' | SHEET 3 OF 6 SHEETS | STA 2184+00 | TO STA 2208+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	189
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			





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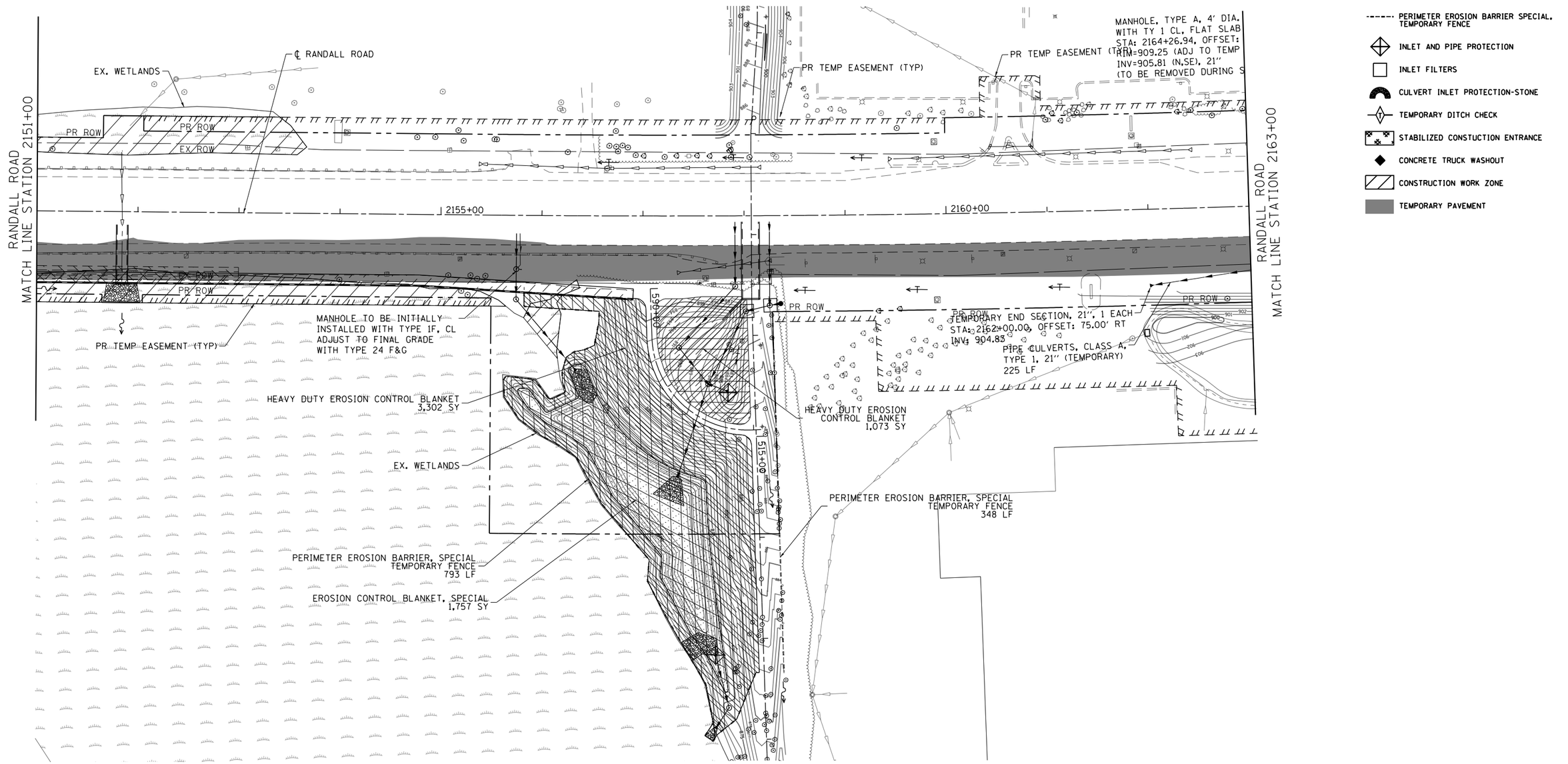
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL DETAILS
RANDALL ROAD PRESTAGE

SCALE: 1" = 50' | SHEET 4 OF 6 SHEETS | STA 2208+00 TO STA 2232+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	190
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			



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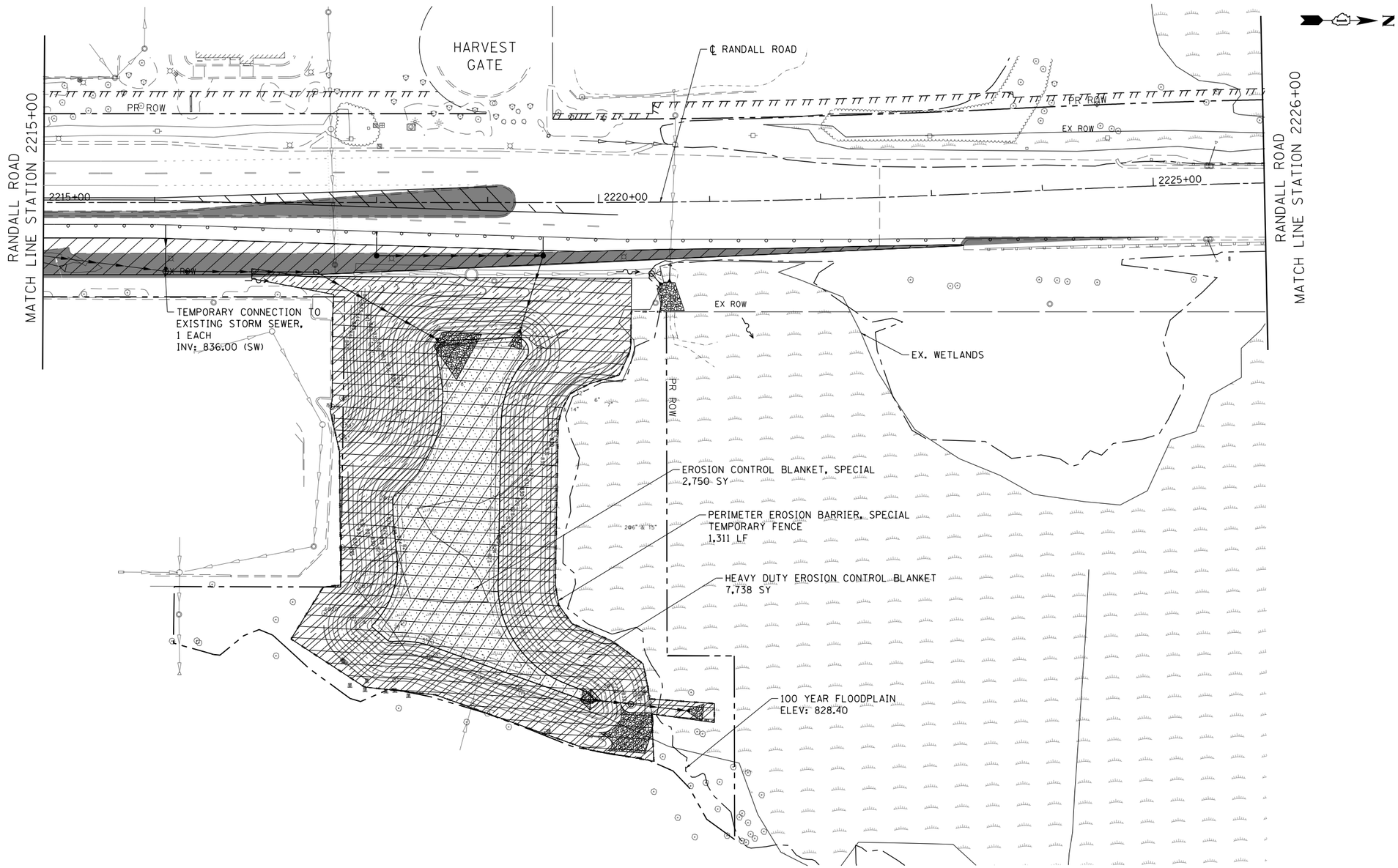
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL DETAILS
OUTLET 2 POND – PRE-STAGE

SCALE: 1" = 50' | SHEET 5 OF 6 SHEETS | STA | TO STA

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	191
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			



LEGEND

- EROSION CONTROL BLANKET
- HEAVY DUTY EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER
- PERIMETER EROSION BARRIER SPECIAL, TEMPORARY FENCE
- INLET AND PIPE PROTECTION
- INLET FILTERS
- CULVERT INLET PROTECTION-STONE
- TEMPORARY DITCH CHECK
- STABILIZED CONSTUCTION ENTRANCE
- CONCRETE TRUCK WASHOUT
- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT

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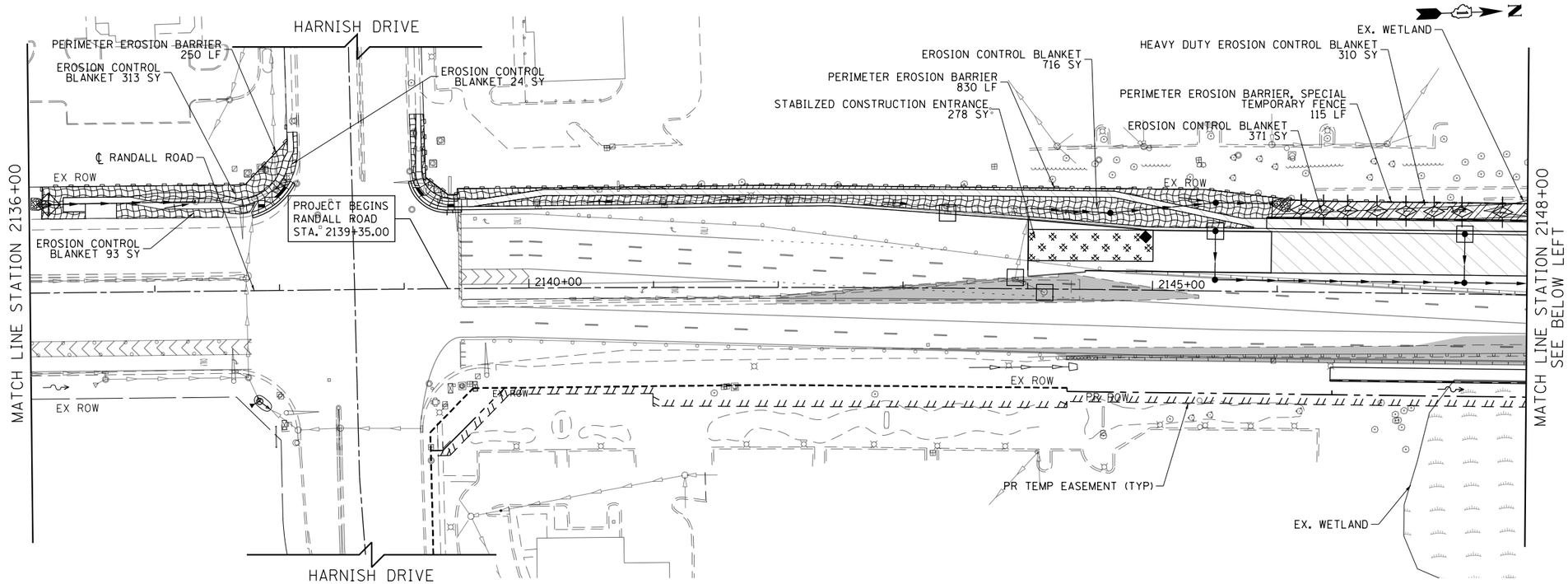
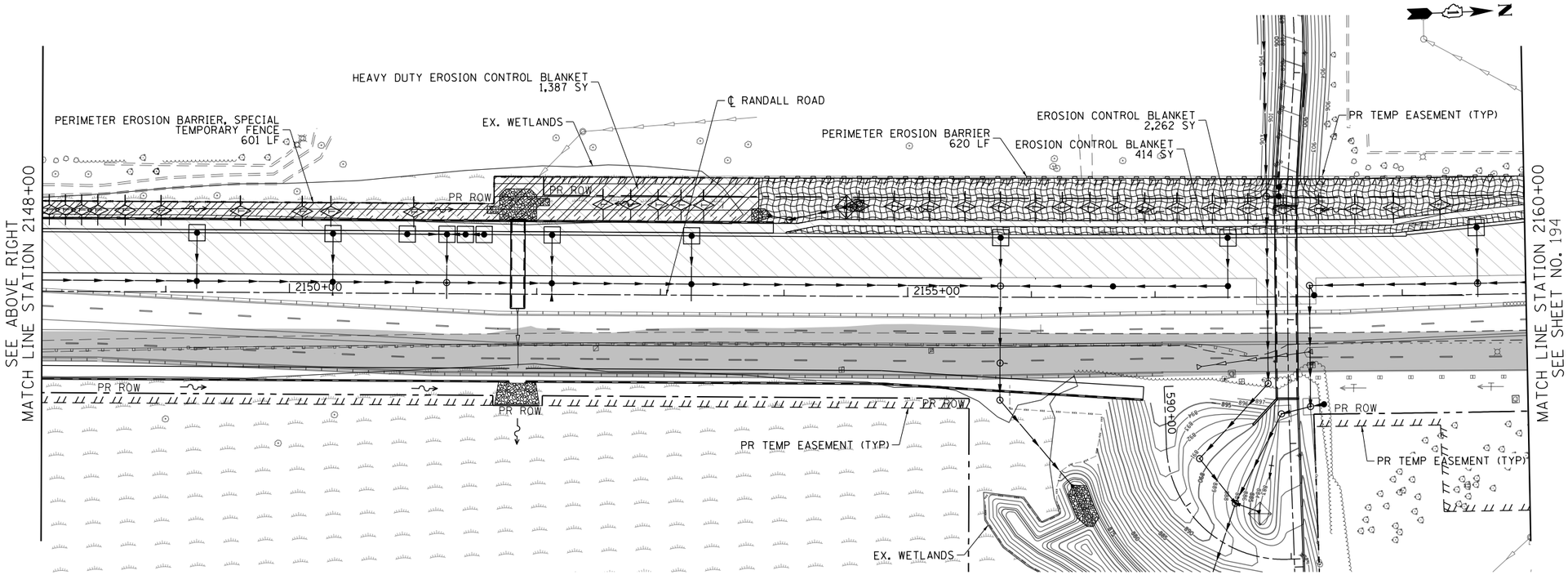
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL DETAILS
OUTLET 5 POND PRE-STAGE

SCALE: 1" = 50' | SHEET 6 OF 6 SHEETS | STA | TO STA

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	192
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			





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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL DETAILS
RANDALL ROAD STAGE 1

SCALE: 1" = 50' | SHEET 1 OF 11 SHEETS | STA 2136+00 | TO STA 2160+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	193
		CONTRACT NO. 61E53		
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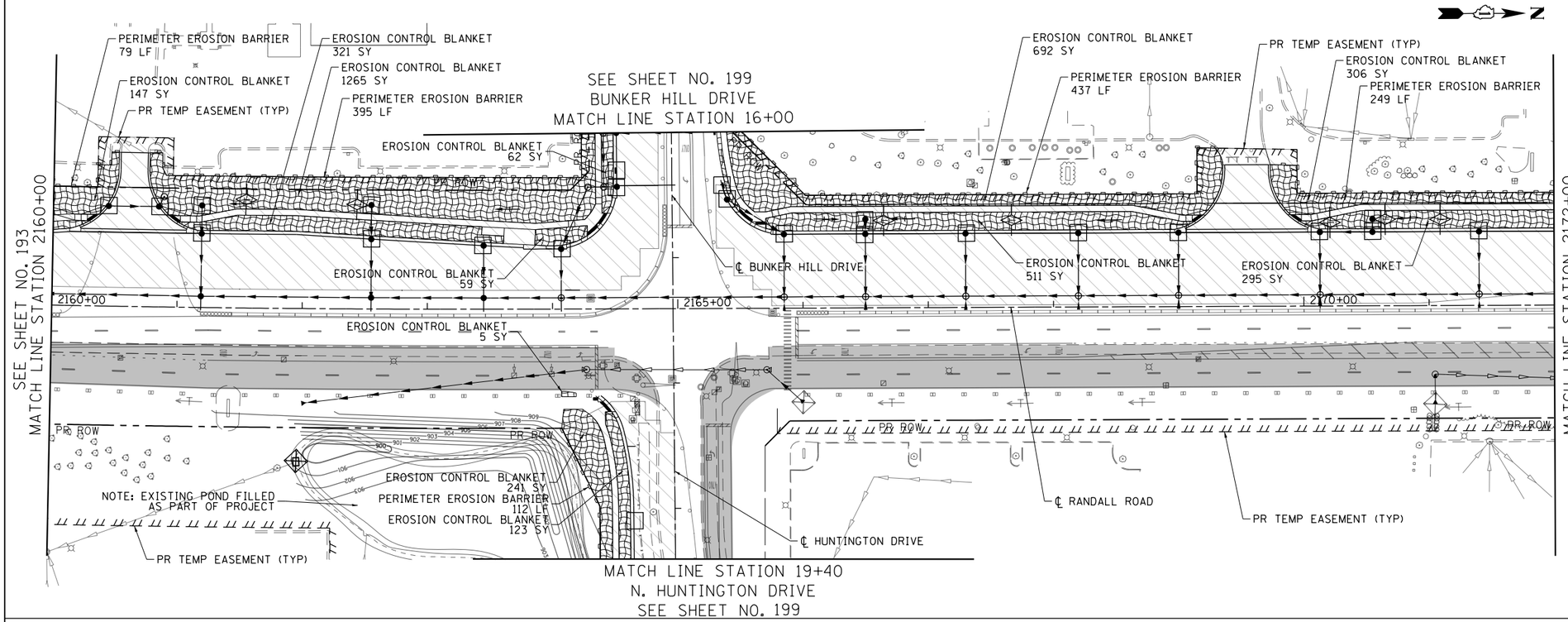

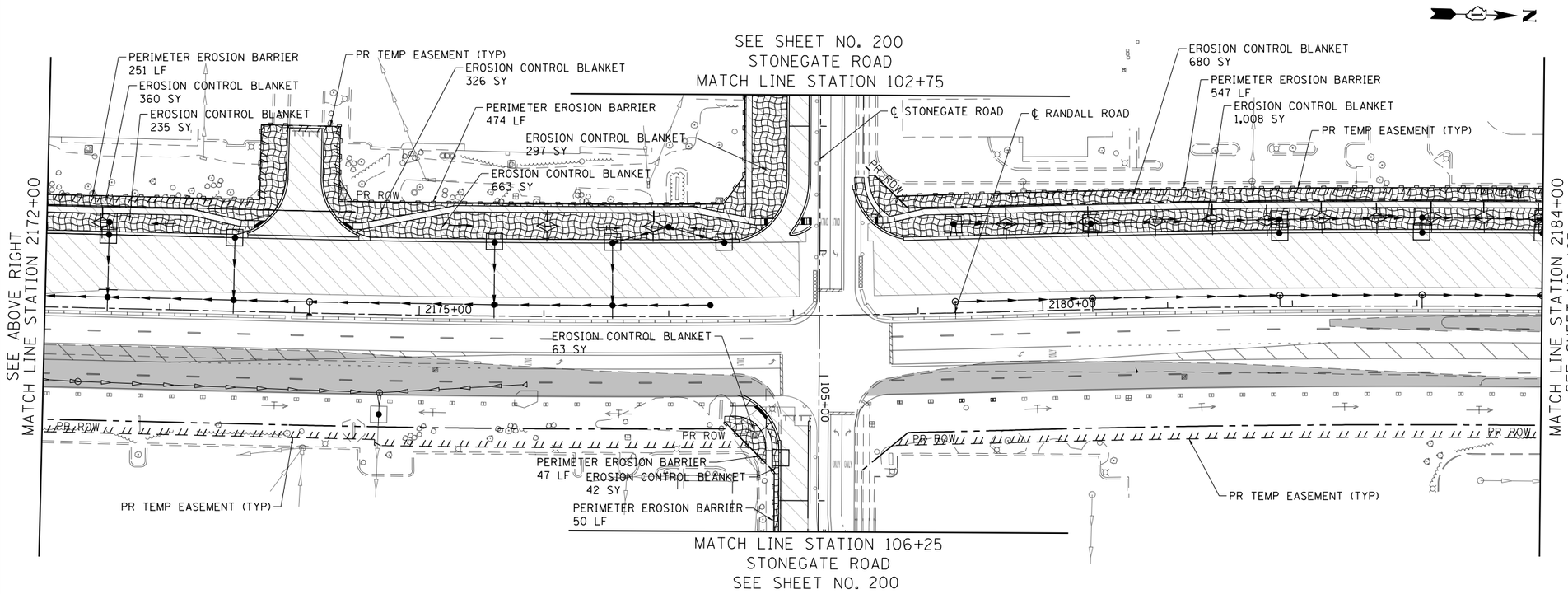

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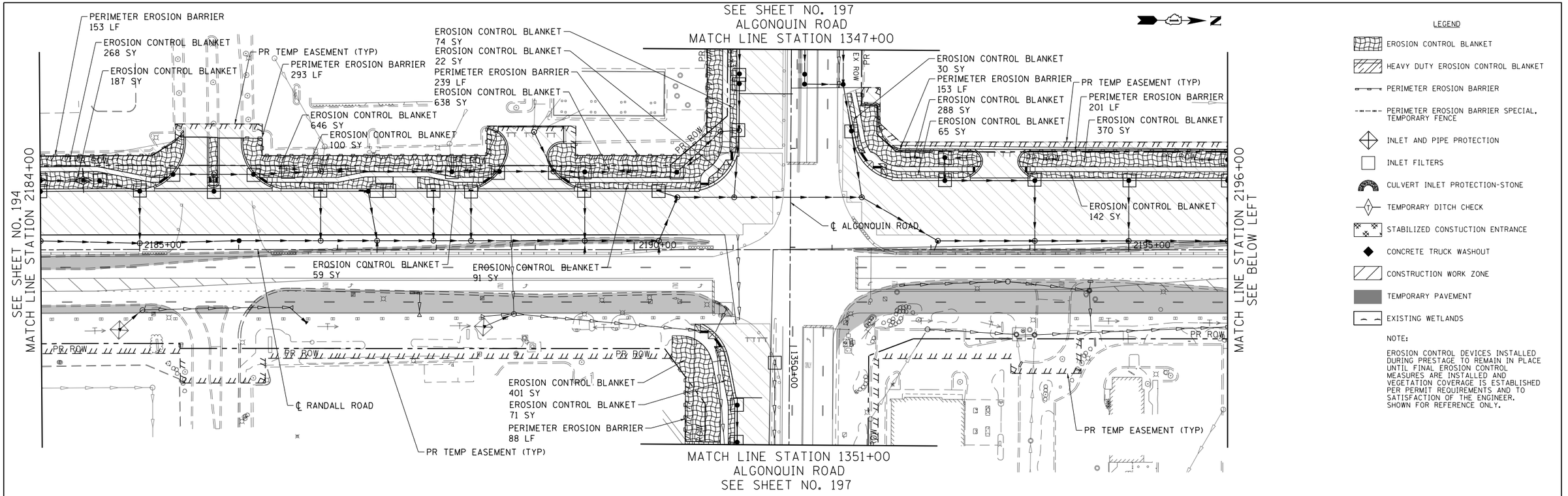
PLOT SCALE = 100.0000 ' / in.	CHECKED - DBB	REVISED -
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL DETAILS
RANDALL ROAD STAGE 1

SCALE: 1" = 50' | SHEET 2 OF 11 SHEETS | STA 2160+00 TO STA 2184+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	194
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			



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USER NAME = mrciss	DESIGNED - JLT	REVISED -
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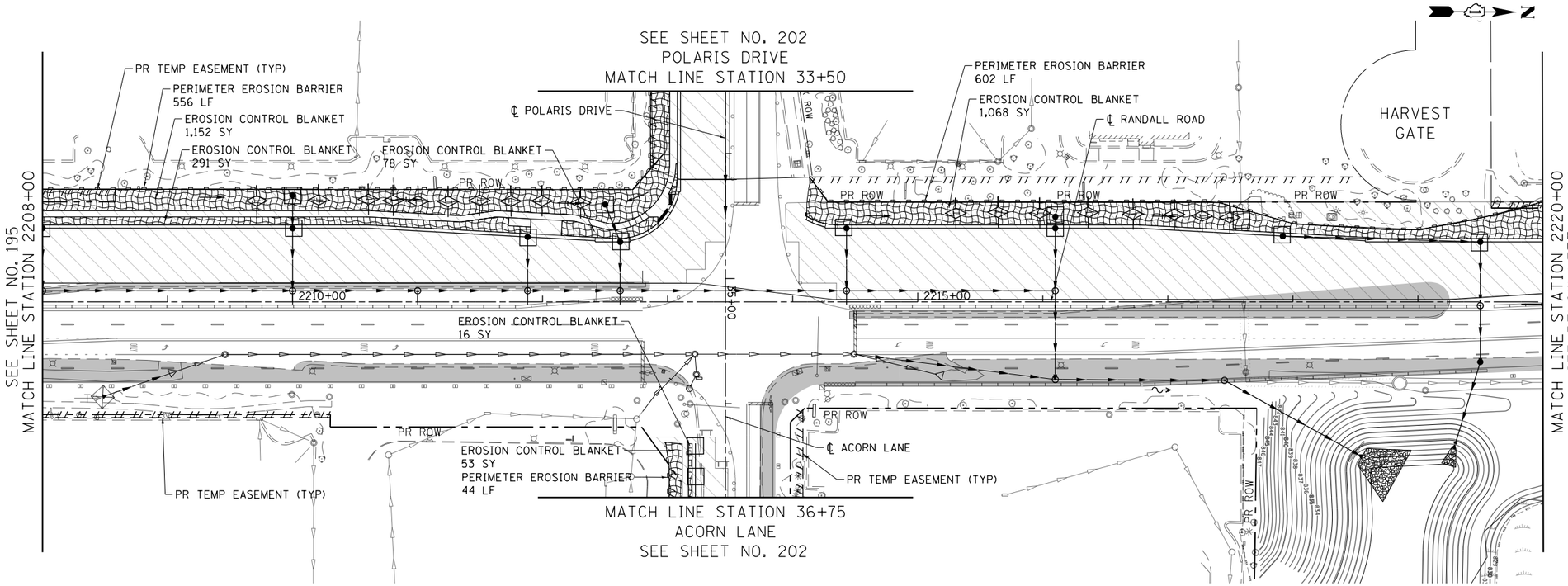
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL DETAILS
RANDALL ROAD STAGE 1

SCALE: 1" = 50' | SHEET 3 OF 11 SHEETS | STA 2184+00 TO STA 2208+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	195
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			

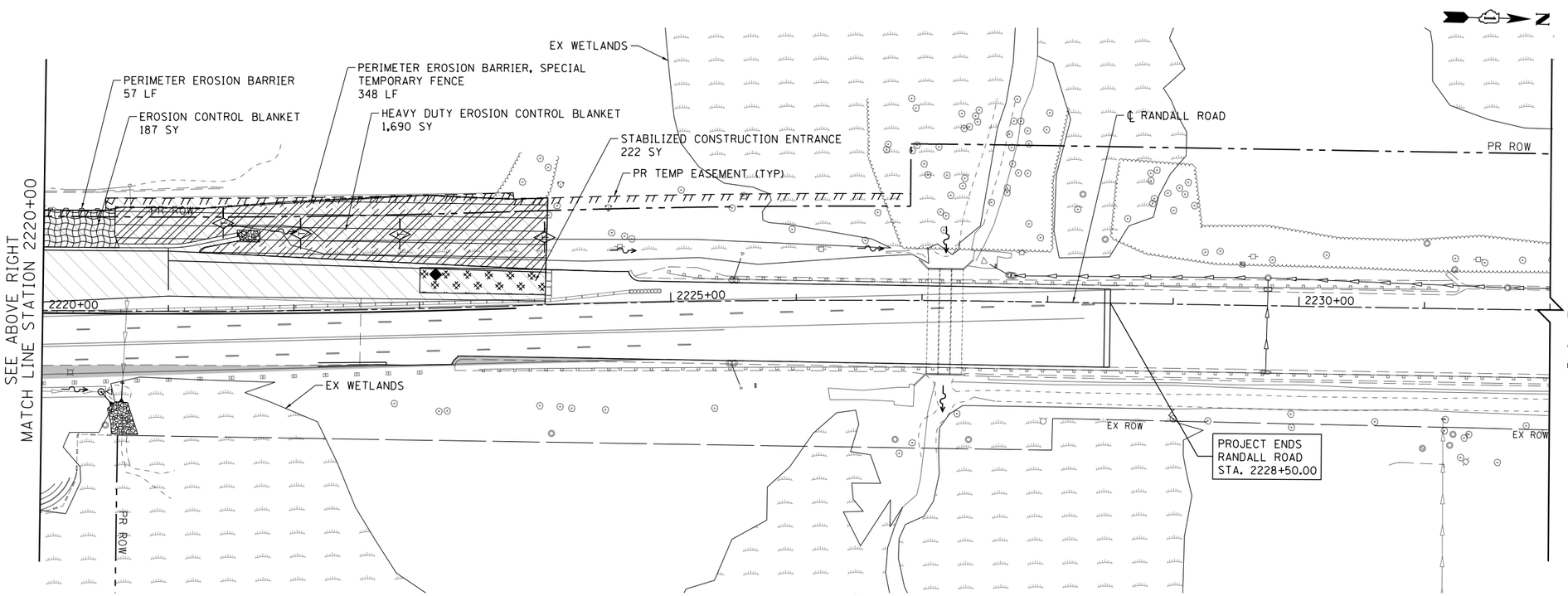


LEGEND

- EROSION CONTROL BLANKET
- HEAVY DUTY EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER
- PERIMETER EROSION BARRIER SPECIAL, TEMPORARY FENCE
- INLET AND PIPE PROTECTION
- INLET FILTERS
- CULVERT INLET PROTECTION-STONE
- TEMPORARY DITCH CHECK
- STABILIZED CONSTUCTION ENTRANCE
- CONCRETE TRUCK WASHOUT
- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT
- EXISTING WETLANDS

NOTE:

EROSION CONTROL DEVICES INSTALLED DURING PRESTAGE TO REMAIN IN PLACE UNTIL FINAL EROSION CONTROL MEASURES ARE INSTALLED AND VEGETATION COVERAGE IS ESTABLISHED PER PERMIT REQUIREMENTS AND TO SATISFACTION OF THE ENGINEER. SHOWN FOR REFERENCE ONLY.



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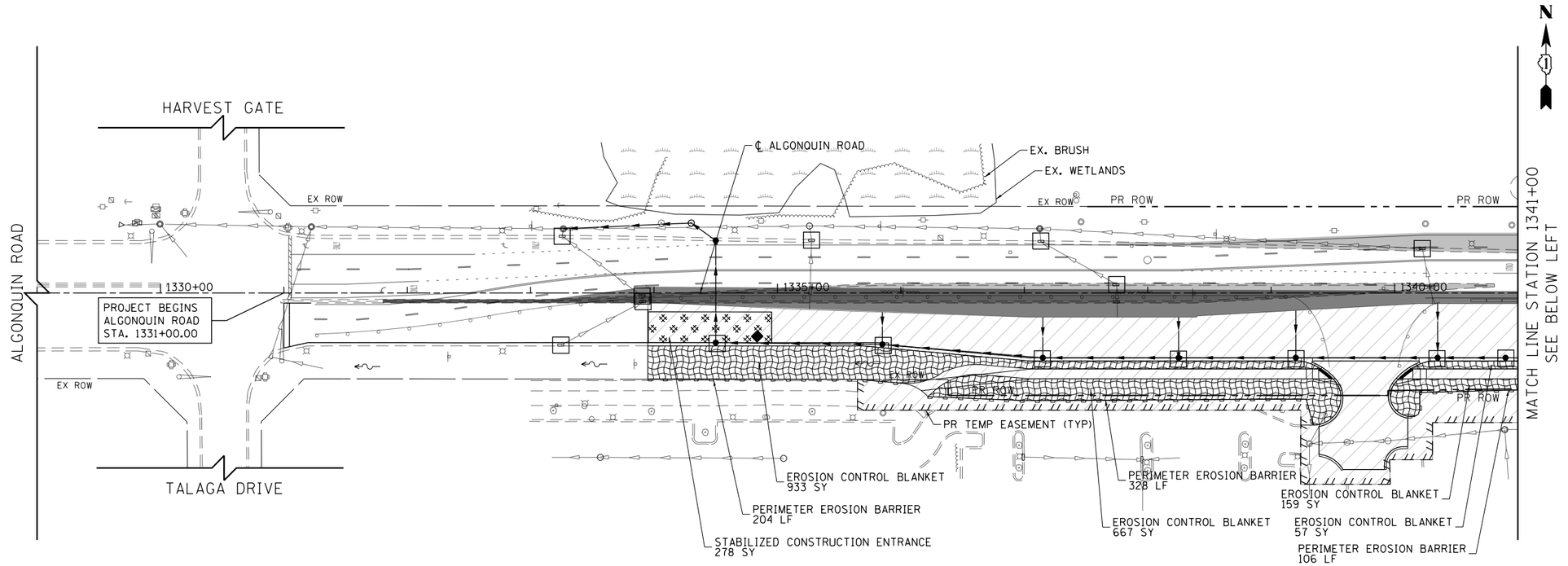
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL DETAILS
RANDALL ROAD STAGE 1

SCALE: 1" = 50' | SHEET 4 OF 11 SHEETS | STA 2208+00 TO STA 2232+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-00-RW	MCHENRY	1751	196
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			

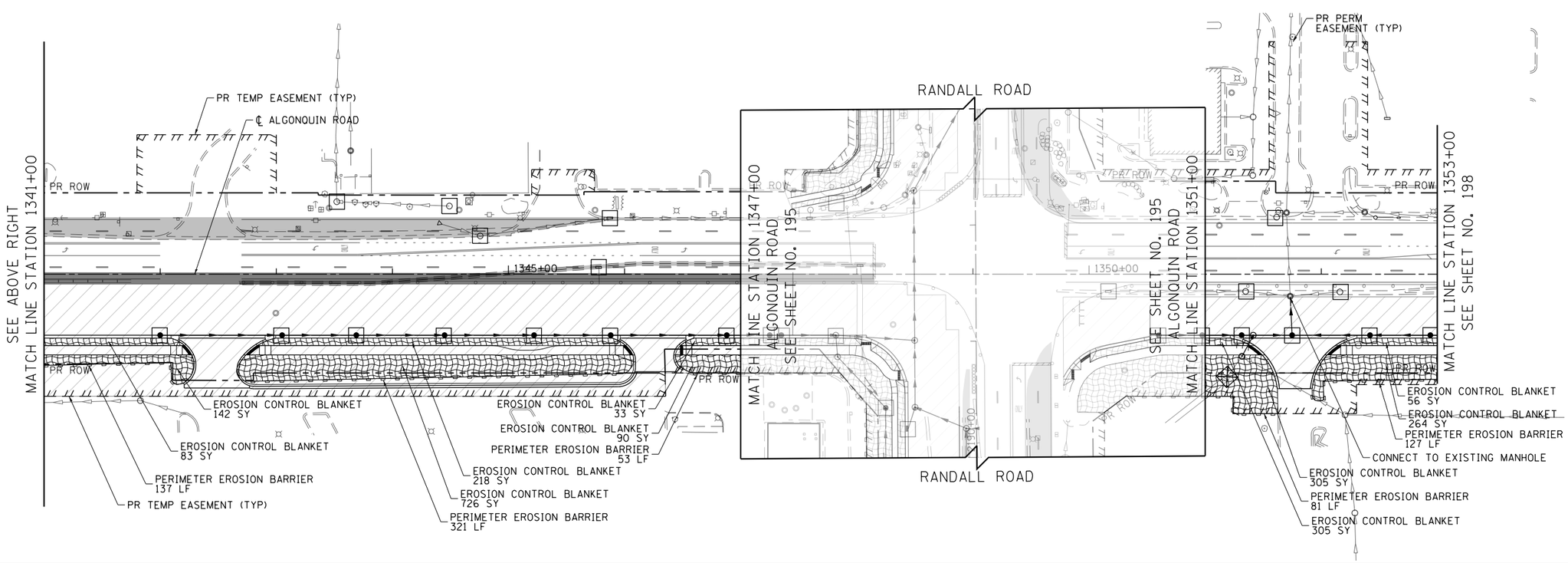


LEGEND

- EROSION CONTROL BLANKET
- HEAVY DUTY EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER
- PERIMETER EROSION BARRIER SPECIAL, TEMPORARY FENCE
- INLET AND PIPE PROTECTION
- INLET FILTERS
- CULVERT INLET PROTECTION-STONE
- TEMPORARY DITCH CHECK
- STABILIZED CONSTUCTION ENTRANCE
- CONCRETE TRUCK WASHOUT
- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT
- EXISTING WETLANDS

NOTE:

EROSION CONTROL DEVICES INSTALLED DURING PRESTAGE TO REMAIN IN PLACE UNTIL FINAL EROSION CONTROL MEASURES ARE INSTALLED AND VEGETATION COVERAGE IS ESTABLISHED PER PERMIT REQUIREMENTS AND TO SATISFACTION OF THE ENGINEER. SHOWN FOR REFERENCE ONLY.



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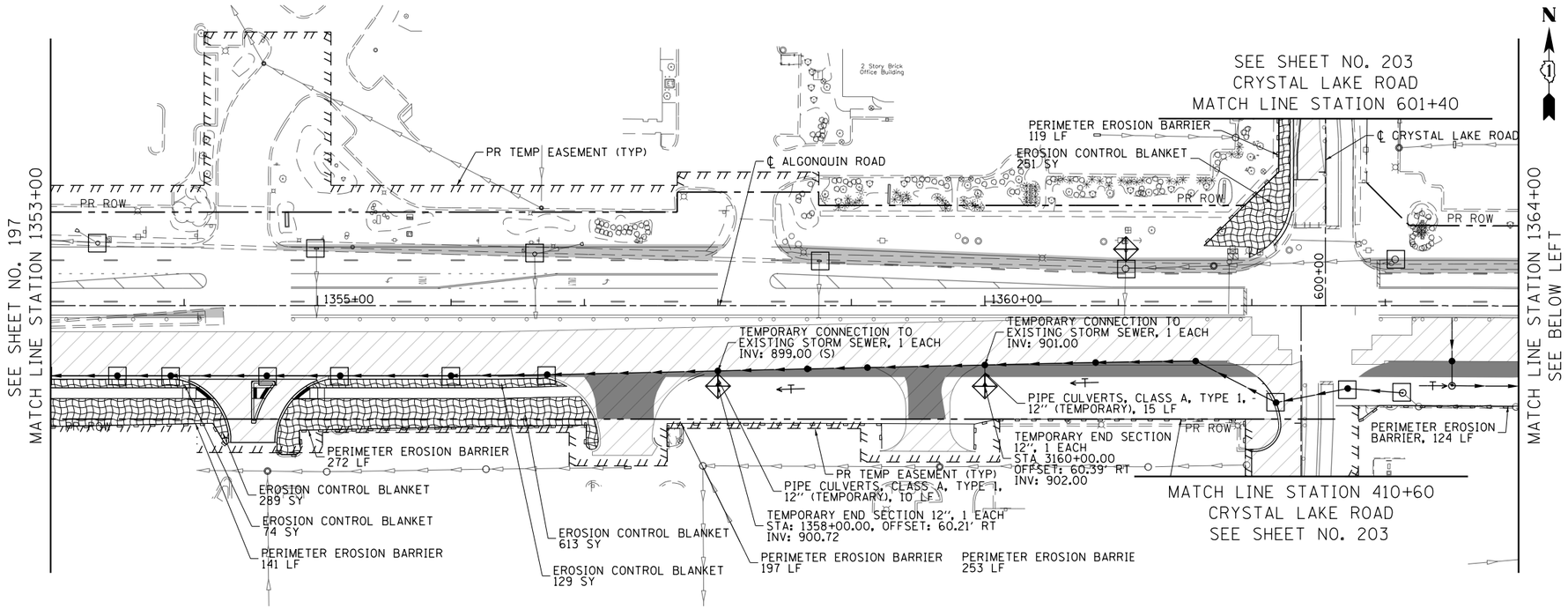
PLOT SCALE = 100.0000 ' / in.	CHECKED - DBB	REVISED -
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL DETAILS
ALGONQUIN ROAD STAGE 1

SCALE: 1" = 50' | SHEET 5 OF 11 SHEETS | STA 1334+00 | TO STA 1353+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	06-00329-01-PW	MCHENRY	1751	197
		CONTRACT NO. 61E53		
		ILLINOIS FED. AID PROJECT		



LEGEND

- EROSION CONTROL BLANKET
- HEAVY DUTY EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER
- PERIMETER EROSION BARRIER SPECIAL, TEMPORARY FENCE
- INLET AND PIPE PROTECTION
- INLET FILTERS
- CULVERT INLET PROTECTION-STONE
- TEMPORARY DITCH CHECK
- STABILIZED CONSTUCTION ENTRANCE
- CONCRETE TRUCK WASHOUT
- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT
- EXISTING WETLANDS

NOTE:

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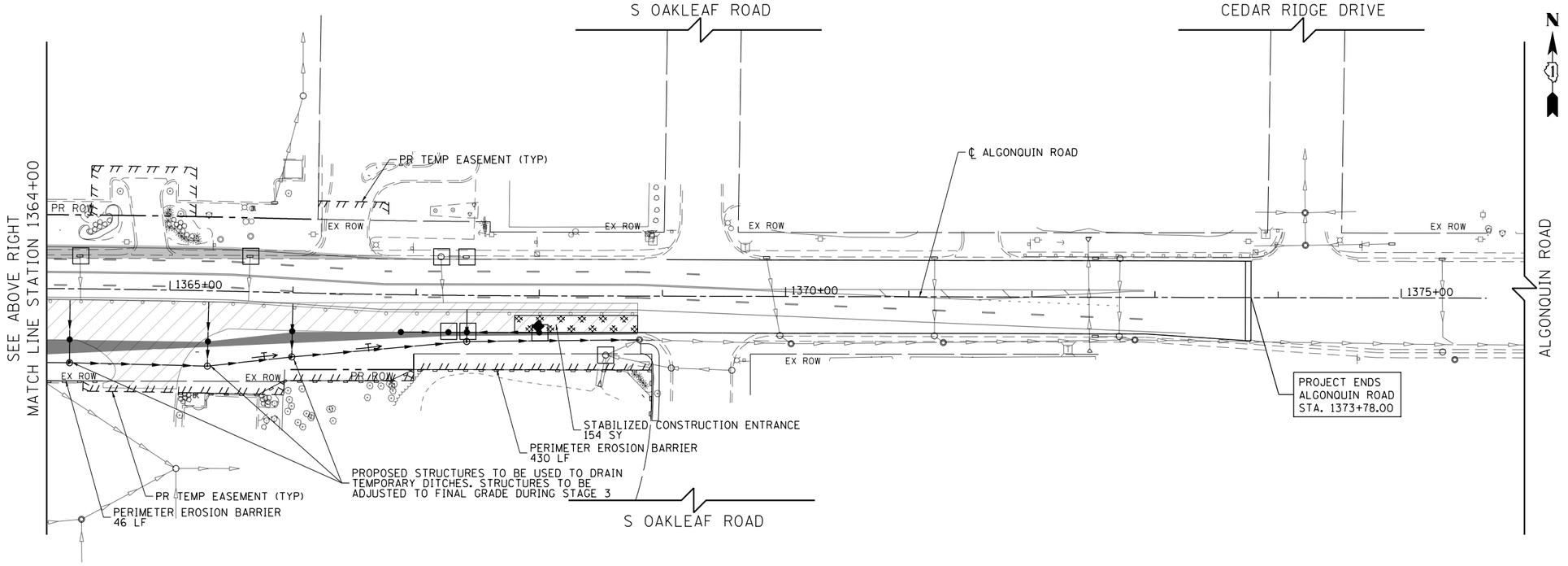

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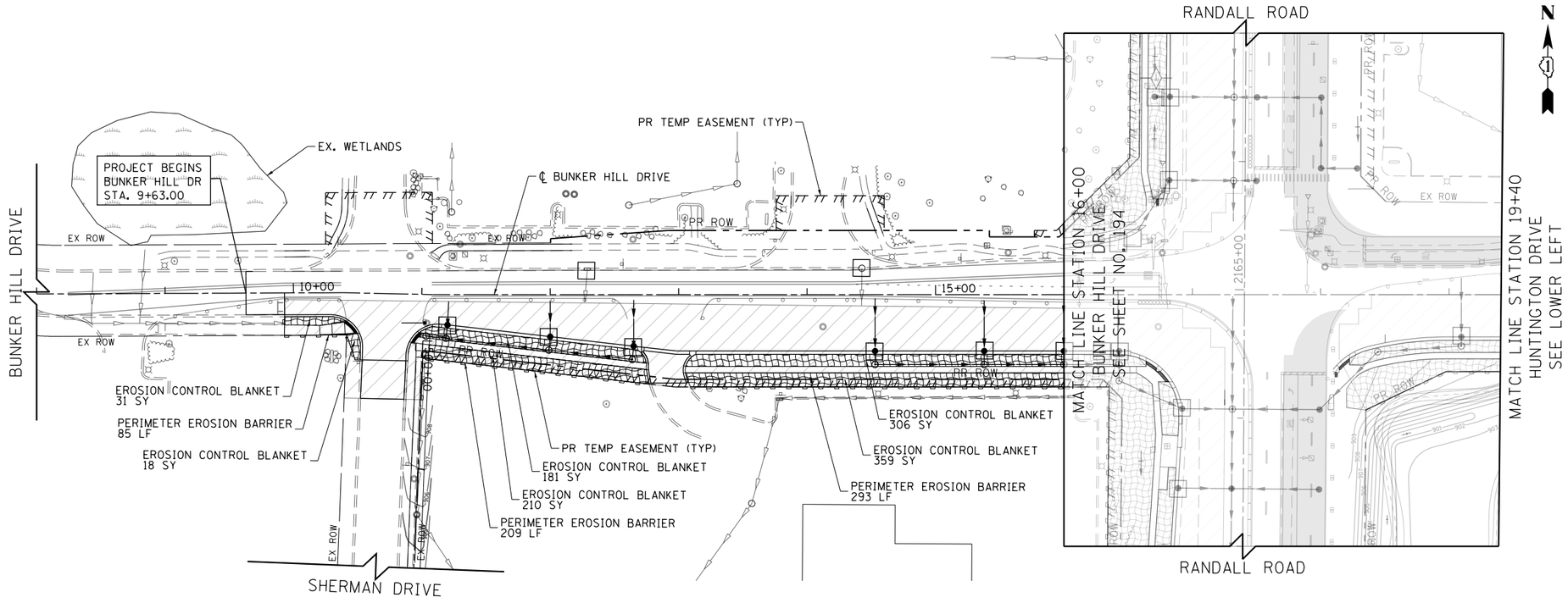
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

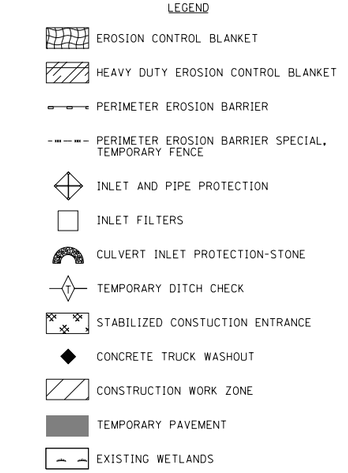
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

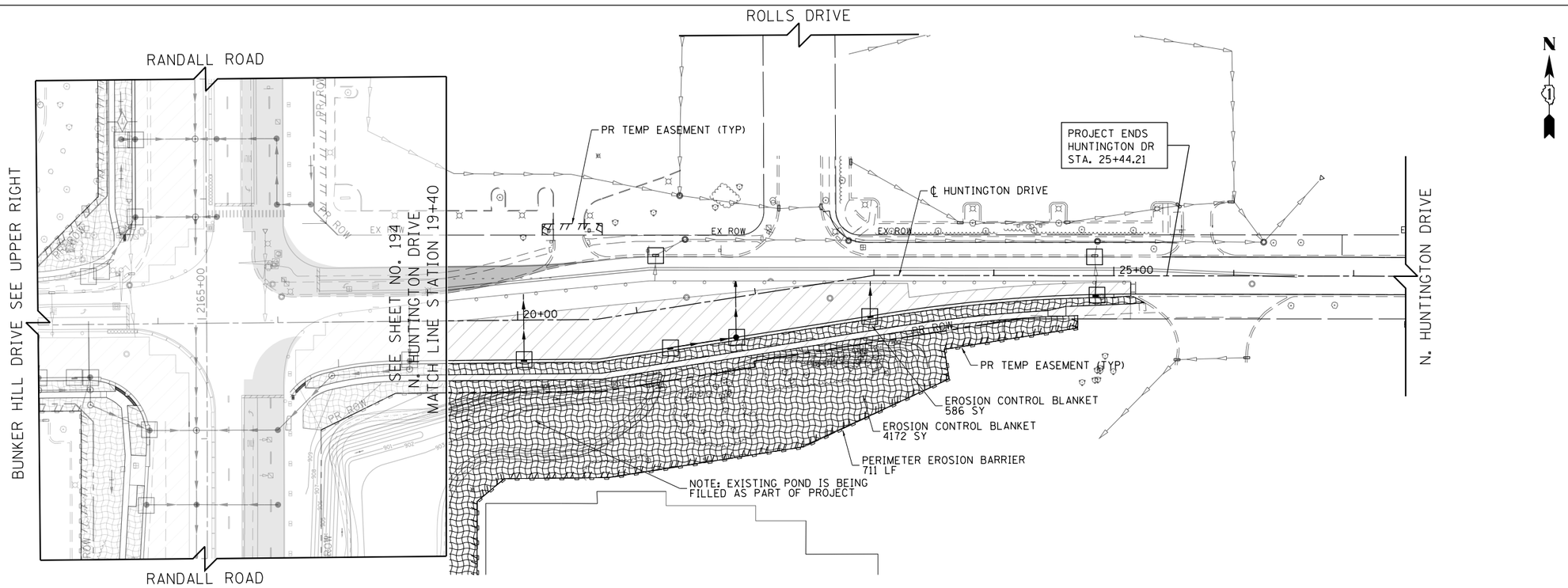
EROSION AND SEDIMENT CONTROL DETAILS
ALGONQUIN ROAD STAGE 1

SCALE: 1" = 50' | SHEET 6 OF 11 SHEETS | STA 1353+00 TO STA 1368+95.01

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	06-00329-01-PW	MCHENRY	1751	198
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			







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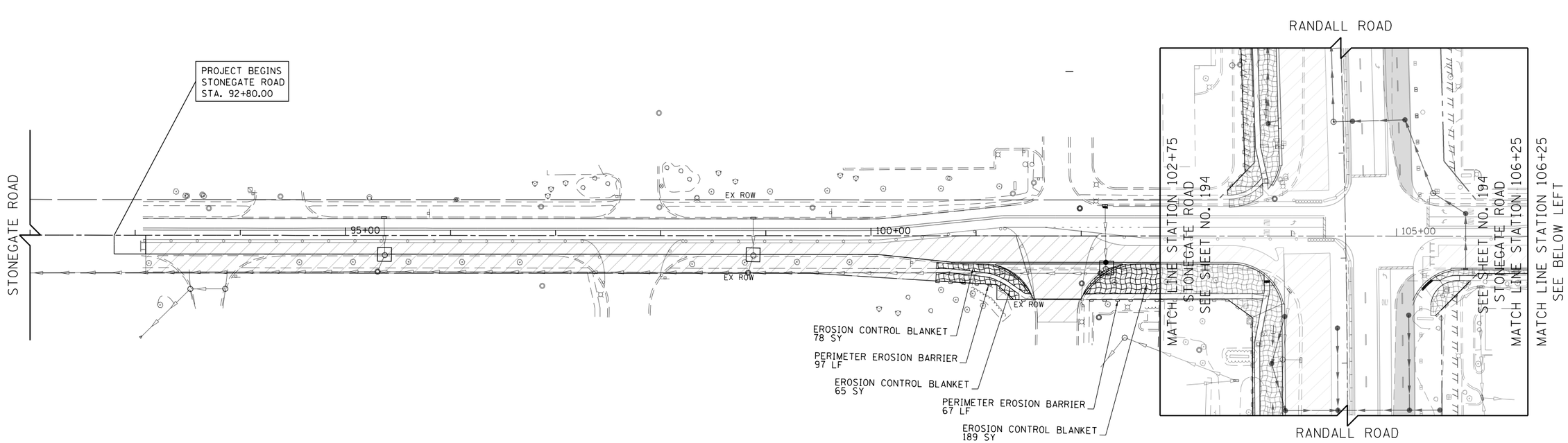
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

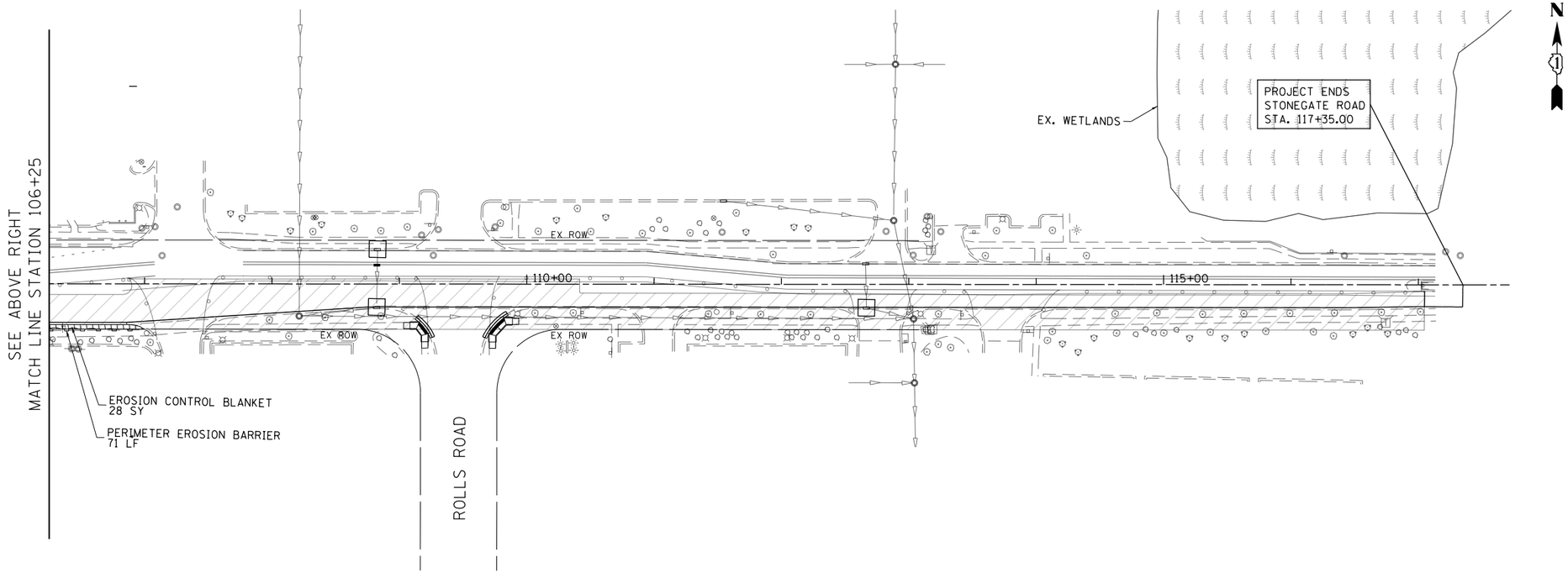
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL DETAILS
BUNKER HILL /HUNTINGTON DRIVE STAGE 1

SCALE: 1" = 50' | SHEET 7 OF 11 SHEETS | STA 8+00 TO STA 29+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	199
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			





EROSION CONTROL BLANKET

HEAVY DUTY EROSION CONTROL BLANKET

PERIMETER EROSION BARRIER

PERIMETER EROSION BARRIER SPECIAL, TEMPORARY FENCE

INLET AND PIPE PROTECTION

INLET FILTERS

CULVERT INLET PROTECTION-STONE

TEMPORARY DITCH CHECK

STABILIZED CONSTUCTION ENTRANCE

CONCRETE TRUCK WASHOUT

CONSTRUCTION WORK ZONE

TEMPORARY PAVEMENT

EXISTING WETLANDS

NOTE:

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FILENAME = DINNNNN-sht-erosion-1-11.dgn	DRAWN - JLT	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - DBB	REVISED -
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL DETAILS
STONEGATE ROAD STAGE 1

SCALE: 1" = 50' | SHEET 8 OF 11 SHEETS | STA 100+00 TO STA 117+05

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	200
		CONTRACT NO. 61E53		
	ILLINOIS FED. AID PROJECT			