

DUPAGE COUNTY EROSION CONTROL NOTES

ADDITIONAL EROSION CONTROL NOTES

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH ARTICLE VII OF THE DUPAGE COUNTY COUNTYWIDE STORM WATER AND FLOOD PLAIN ORDINANCE, EFFECTIVE APRIL 2013 AND ALL SUBSEQUENT REVISIONS. ALL SEDIMENT AND EROSION CONTROL MEASURES WILL BE INSTALLED PER IDOT STANDARD 280001 OR AS SPECIFIED HEREIN AND PAID FOR IN ACCORDANCE WITH SECTION 280 OF THE STANDARD SPECIFICATIONS. ALL CONSTRUCTION ACTIVITIES WILL BE IN ACCORDANCE WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM STORM WATER PERMITS ILR10 AND ILR40.
2. EROSION CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH THE SEQUENCE OF STAGE CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT A DETAILED SCHEDULE FOR APPROVAL.
3. SEDIMENT AND EROSION CONTROL DEVICES SHALL BE FUNCTIONAL BEFORE THE PROJECT SITE IS OTHERWISE DISTURBED.
4. ALL DISTURBED AREAS SHALL BE SEEDED OR SODDED AS SOON AS PRACTICAL AFTER CONSTRUCTION ACTIVITIES IN THAT AREA HAVE CONCLUDED. ALL ERODABLE/BARE AREAS SHALL BE SEEDED EVERY 7 DAYS WITH TEMPORARY EROSION CONTROL SEEDING. IF A TOPSOIL STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN THREE DAYS, EROSION CONTROL MEASURES WILL BE PROVIDED.
5. WHERE WETLANDS ARE TO REMAIN, THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO PROTECT WETLANDS FROM DAMAGE BY SEDIMENT, CONSTRUCTION EQUIPMENT OR BY HIS WORK CREWS. THE CONTRACTOR SHALL ASSURE THAT DEBRIS OR ANY CONSTRUCTION MATERIAL IS NOT DISPOSED OF OR STOCKPILED IN WETLANDS.
6. STOCKPILES AND MATERIAL STORAGE ARE PROHIBITED IN SPECIAL MANAGEMENT AREAS INCLUDING WETLANDS, WETLAND BUFFERS, AND FLOOD PLAINS. LOCATIONS OF STOCKPILES MUST BE APPROVED BY THE ENGINEER AND HAVE PROPER EROSION CONTROL MEASURES
7. HAY OR STRAW BALES WILL NOT BE ALLOWED AS PERIMETER EROSION BARRIER OR AS A DITCH CHECK.
8. WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING SHALL BE FILTERED AND CLEAR OF SEDIMENT
9. WHEN TEMPORARY DRAINAGE IS ESTABLISHED, EROSION CONTROL MEASURES MAY BE REQUIRED BY THE ENGINEER.
10. GRAVEL 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 AND AS NEEDED.
11. CLEANING OF VEHICLES AND EQUIPMENT, INCLUDING CONCRETE MIXERS, SHALL BE PERFORMED IN A MANNER TO REDUCE THE AMOUNT OF POLLUTANTS TRIBUTARY TO STORM SEWERS AND OPEN WATERS TO THE MAXIMUM EXTENT PRACTICAL.
12. ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR POLLUTION RUNOFF. LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.
13. SEDIMENT COLLECTED DURING CONSTRUCTION BY THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON A REGULAR BASIS. SEDIMENT SHALL BE REMOVED FROM EROSION CONTROL SYSTEMS WHEN THE HEIGHT OF THE SEDIMENT EXCEEDS ONE-HALF OF THE HEIGHT OF THE FILTER DEVICE.
14. ALL EROSION CONTROL MEASURES SHALL BE KEPT OPERATIONAL AND MAINTAINED CONTINUOUSLY THROUGHOUT THE PERIOD OF LAND DISTURBANCE UNTIL PERMANENT SEDIMENT AND EROSION CONTROL MEASURES ARE OPERATIONAL.
15. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL STABILIZATION IS ACHIEVED.
16. THE ENGINEER SHALL INSPECT EROSION CONTROL MEASURES PERIODICALLY AND WITHIN 24 HOURS OF ANY STORM EXCEEDING 1/2 INCH PRECIPITATION. DAMAGED AND INEFFECTIVE EROSION CONTROL MEASURES SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR WITHIN 24 HOURS. EROSION CONTROL SYSTEMS REPLACED DUE TO SEDIMENT LOADING WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE APPLICABLE EROSION CONTROL ITEM.
17. THE COST OF REMOVING SEDIMENT OR REPAIRING EROSION CONTROL SYSTEMS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE APPLICABLE EROSION CONTROL ITEM.

1. SOIL EROSION AND SEDIMENT CONTROLS (SESC) SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED AS DIRECTED BY THE ENGINEER OR AUTHORIZED REPRESENTATIVE. ALL ADDITIONAL MEASURES MUST BE IN PLACE WITHIN 3 DAYS OF DISTURBANCE AND EMERGENCY SESC MEASURES MUST BE INSTALLED IMMEDIATELY.
2. THE CONTRACTOR MUST CLEAN UP, GRADE THE WORK AREAS AS THE PROJECT PROGRESSES, AND INSTALL EROSION PROTECTION TO ELIMINATE THE CONCENTRATION OF RUNOFF, OR MUST INSTALL APPROPRIATE SEDIMENT CONTROL DEVICES TO TRAP SEDIMENT. PAVEMENT MUST BE CLEANED DAILY OR AS NECESSARY TO REMOVE TRACK-OUT MATERIAL.
3. AFTER ALL TEMPORARY PERIMETER EROSION BARRIERS ARE REMOVED, THE AREAS DAMAGED BY THE PERIMETER EROSION BARRIER MUST BE RESTORED TO THE SATISFACTION OF THE ENGINEER, TO BE PAID FOR AS TOPSOIL FURNISH AND PLACE, 6" AND SEEDING, CLASS 2A.
4. DURING DE-WATERING/PUMPING OPERATIONS, ONLY UNCONTAMINATED WATER SHOULD BE ALLOWED TO DISCHARGE TO PROTECTED NATURAL AREAS, WATERS OF THE STATE, OR TO A STORM SEWER SYSTEM (IN ACCORDANCE WITH LOCAL PERMITS). INLET HOSES SHOULD BE PLACED IN A STABILIZED SUMP PIT OR FLOATED AT THE SURFACE OF THE WATER IN ORDER TO LIMIT THE AMOUNT OF SEDIMENT INTAKE. PUMPING OPERATIONS MAY BE DISCHARGED TO A STABILIZED AREA THAT CONSISTS OF AN ENERGY DISSIPATING DEVICE (E.G., STONE), SEDIMENT FILTER BAG, OR BOTH. ADEQUATE EROSION AND SEDIMENT CONTROLS SHOULD BE USED DURING DE-WATERING OPERATIONS AS NECESSARY. DEWATERING SEDIMENT LADEN WATER DIRECTLY INTO FIELD TILES, STORM WATER STRUCTURES, OR "WATERS OF THE US" IS PROHIBITED.
5. TEMPORARY CONSTRUCTION ENTRANCES WILL BE CONSTRUCTED AT ALL LOCATIONS WHERE CONSTRUCTION TRAFFIC ENTERS OR LEAVES THE SITE. GRAVELED ROADS, ACCESS DRIVES, PARKING AREAS OF SUFFICIENT WIDTH AND LENGTH, AND VEHICLE WASH DOWN FACILITIES IF NECESSARY, MUST BE PROVIDED TO PREVENT THE DEPOSIT OF SOIL FROM BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS. ANY SOIL REACHING PUBLIC OR PRIVATE ROADWAY MUST BE REMOVED IMMEDIATELY.
6. AFTER DISTURBED AREAS ARE TEMPORARY SEEDED THEY MUST HAVE PROPER MULCHING APPLIED.
7. A STORM WATER POLLUTION PREVENTION (SWPPP) PLAN HAS BEEN CREATED FOR THIS PROJECT. THE CONTRACTOR MUST CERTIFY, UPDATE AND MAINTAIN A HARD COPY OF THE SWPPP ON SITE.

PLAN	NO.	BY	DATE
NO.			

PROFILE	NO.	BY	DATE
NO.			

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PLOT DATE = 8/18/14	DATE - 8/18/14	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**FABYAN AND IL ROUTE 38
 SESC NOTES**

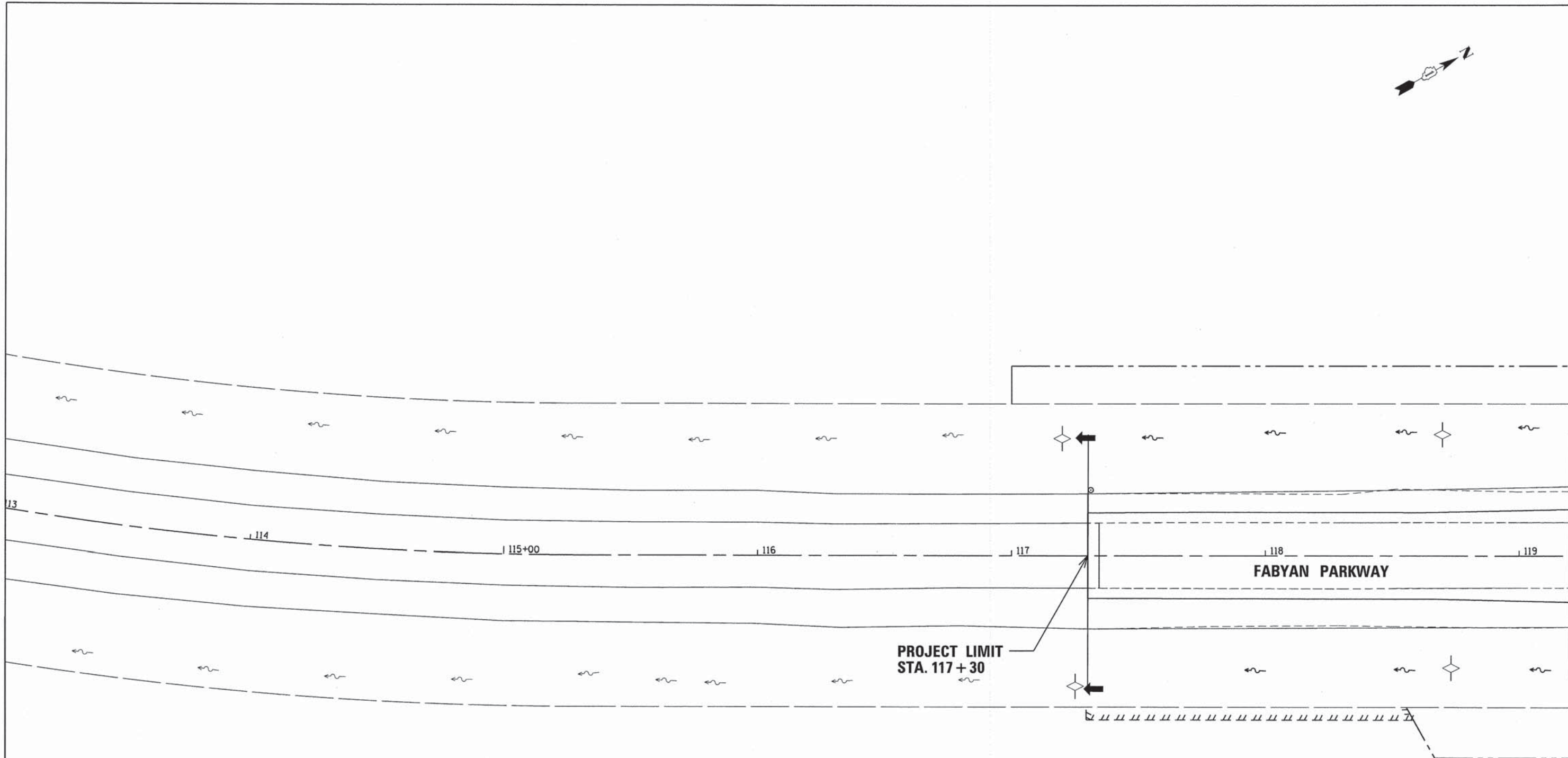
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	101
CONTRACT NO. 63849				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



PLAN	REVISIONS	DATE
NO.	DESCRIPTION	
	BY	
	DATE	
	ALIGNED	
	CHECKED	
	DATE	
	FILE NAME	

PROFILE	REVISIONS	DATE
NO.	DESCRIPTION	
	BY	
	DATE	
	GRADES	
	CHECKED	
	DATE	
	FILE NAME	



LEGEND:

- DRAINAGE OUTLET
- DRAINAGE DITCH
- INLET PROTECTION, SPECIAL (X2800500)
(SEE DETAIL SHEET 113)
- STABILIZED CONSTRUCTION ENTRANCE (Z0013797)
(SEE DETAIL SHEET 113)
- PERIMETER EROSION BARRIER (28000400)
(SEE DETAIL SHEET 114)
- TEMPORARY DITCH CHECKS (28000305)
12" UNLESS OTHERWISE NOTED
(SEE DETAIL SHEET 115)
- INLET AND PIPE PROTECTION (28000500)
(SEE DETAIL SHEET 114)
- ARTICULATED BLOCK REVETMENT MAT (28500400)
(SEE DETAIL SHEET 114)



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
FABYAN PARKWAY

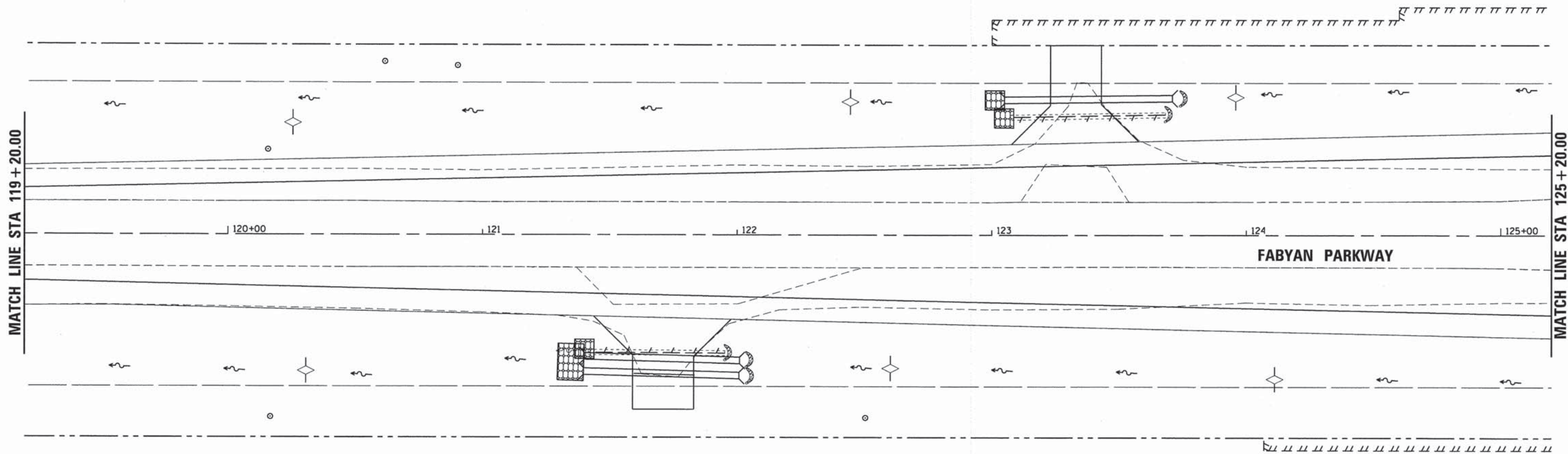
SCALE: 1"=20' SHEET NO. 1 OF 11 SHEETS STA. 117+30 TO STA. 119+20

C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	102
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63849	



PLAN	SUBMITTED	BY	DATE
	PLOTTED		
	ALIGNMENT CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		

PROFILE	SUBMITTED	BY	DATE
	PLOTTED		
	GRABS CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		



LEGEND:

- DRAINAGE OUTLET
- DRAINAGE DITCH
- INLET PROTECTION, SPECIAL (X2800500) (SEE DETAIL SHEET 113)
- STABILIZED CONSTRUCTION ENTRANCE (Z0013797) (SEE DETAIL SHEET 113)
- PERIMETER EROSION BARRIER (28000400) (SEE DETAIL SHEET 114)
- TEMPORARY DITCH CHECKS (28000305) 12' UNLESS OTHERWISE NOTED (SEE DETAIL SHEET 115)
- INLET AND PIPE PROTECTION (28000500) (SEE DETAIL SHEET 114)
- ARTICULATED BLOCK REVETMENT MAT (28500400) (SEE DETAIL SHEET 114)



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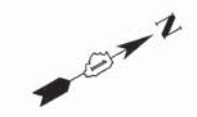
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PLOT DATE = 8/18/14	DATE - 8/18/14	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN
FABYAN PARKWAY**

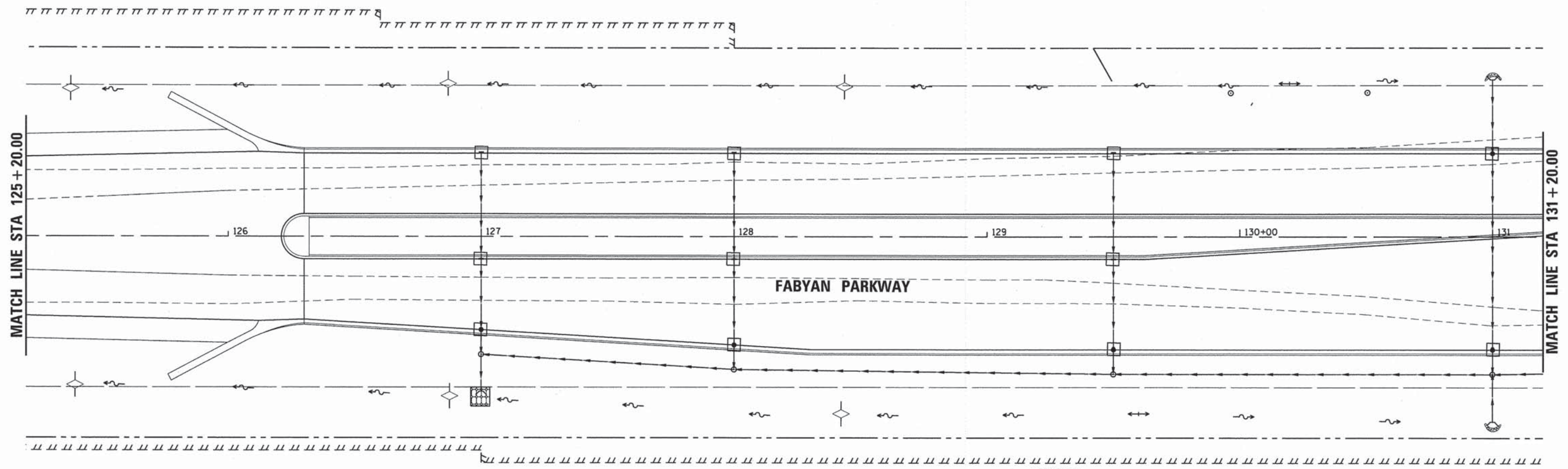
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C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	103
CONTRACT NO. 63849				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



PLAN	DESIGNED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	NO. _____		
	FILE NAME		

PROFILE	DESIGNED	BY	DATE
	PLOTTED		
	GRADES		
	CHECKED		
	NO. _____		
	FILE NAME		



LEGEND:

- DRAINAGE OUTLET
- DRAINAGE DTICH
- INLET PROTECTION, SPECIAL (X2800500)
(SEE DETAIL SHEET 113)
- STABILIZED CONSTRUCTION ENTRANCE (Z0013797)
(SEE DETAIL SHEET 113)
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12' UNLESS OTHERWISE NOTED
(SEE DETAIL SHEET 115)
- INLET AND PIPE PROTECTION (28000500)
(SEE DETAIL SHEET 114)
- ARTICULATED BLOCK REVETMENT MAT (28500400)
(SEE DETAIL SHEET 114)



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PLOT DATE = 8/18/14	DATE - 8/18/14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
FABYAN PARKWAY

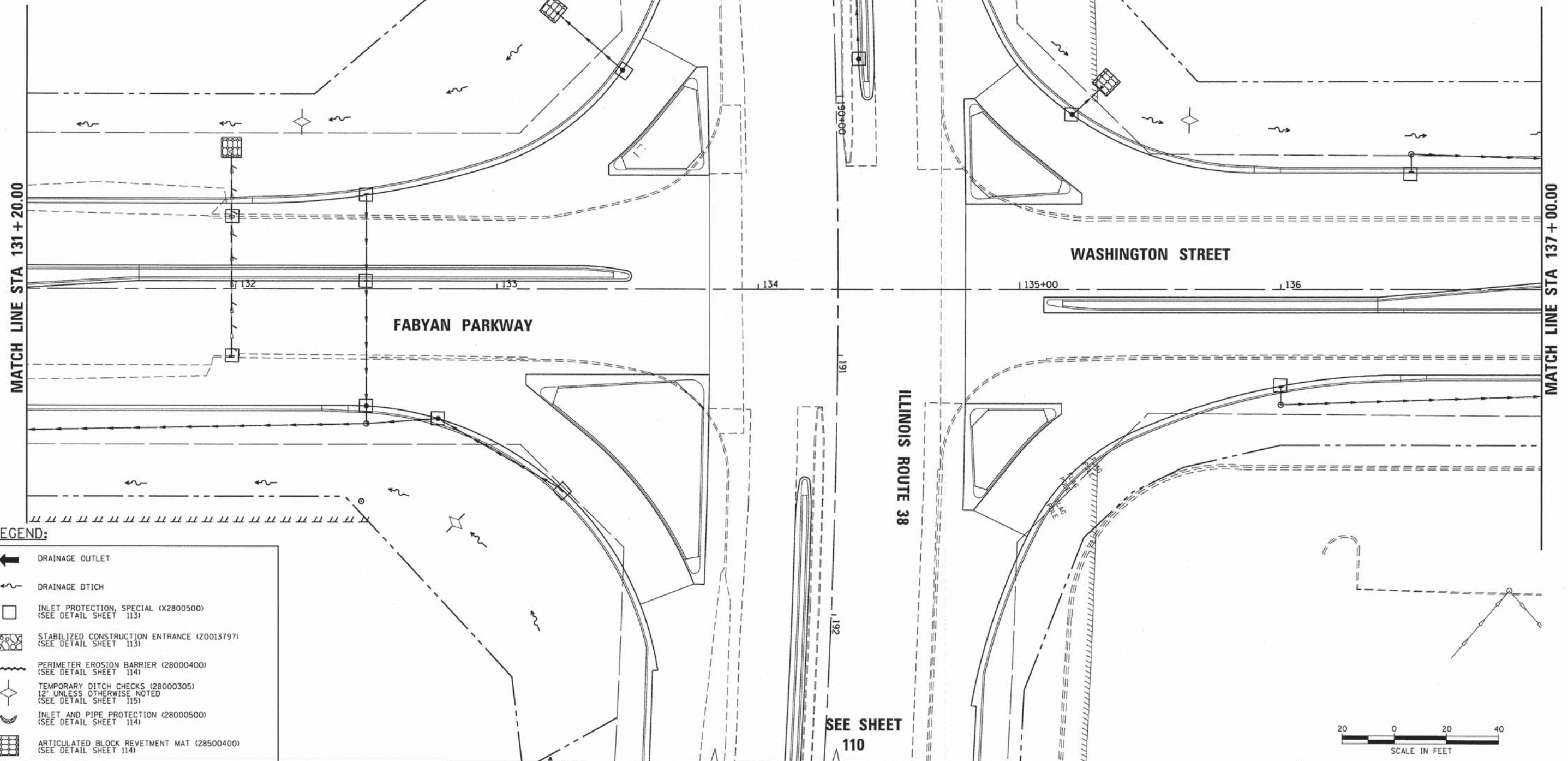
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C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	104
CONTRACT NO. 63849				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



PLAN	DESIGNED	BY	DATE
	CHECKED		
	NOTED		
	ALIGNED		
	GRADES		
	CHECKED		
	BY		
	FILE		
	NO.		

PROFILE	DESIGNED	BY	DATE
	CHECKED		
	NOTED		
	ALIGNED		
	GRADES		
	CHECKED		
	BY		
	FILE		
	NO.		



LEGEND:

- DRAINAGE OUTLET
- DRAINAGE DITCH
- INLET PROTECTION, SPECIAL (X2800500) (SEE DETAIL SHEET 113)
- STABILIZED CONSTRUCTION ENTRANCE (Z0013797) (SEE DETAIL SHEET 113)
- PERIMETER EROSION BARRIER (28000400) (SEE DETAIL SHEET 114)
- TEMPORARY DITCH CHECKS (28000305) 12" UNLESS OTHERWISE NOTED (SEE DETAIL SHEET 115)
- INLET AND PIPE PROTECTION (28000500) (SEE DETAIL SHEET 114)
- ARTICULATED BLOCK REVETMENT MAT (28500400) (SEE DETAIL SHEET 114)

SEE SHEET 110



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 PEN TABLE: #PEN_TABLE#

CRB CHRISTOPHER B. BURKE ENGINEERING, LTD.
 6012 W. Higgins Road, Suite 400
 Rosemont, Illinois 60018
 (847) 823-0900

USER NAME = eburke	DESIGNED - EMB	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

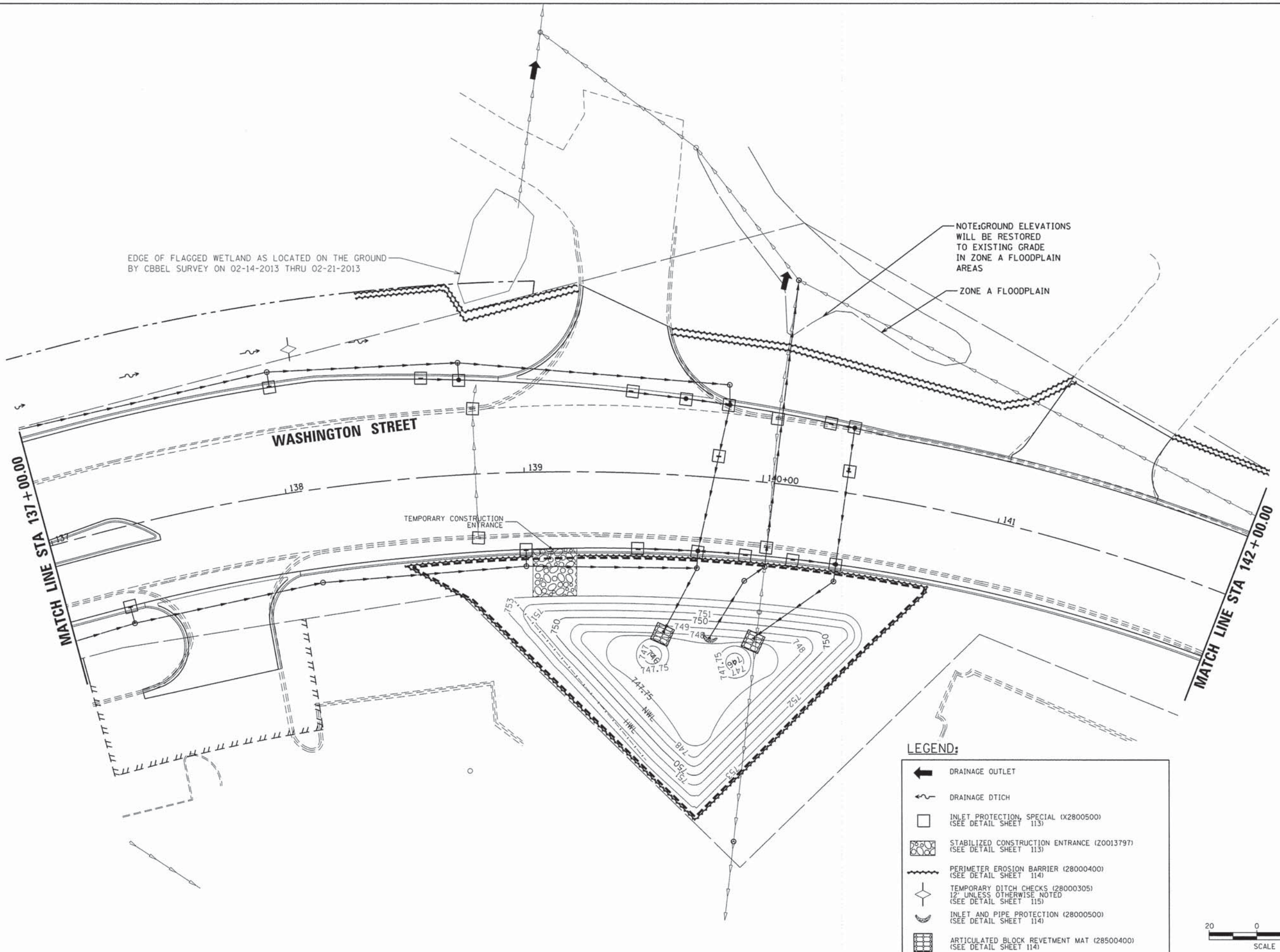
EROSION CONTROL PLAN
FABYAN PARKWAY/WASHINGTON STREET
 SCALE: 1"=20' SHEET NO. 4 OF 11 SHEETS STA. 131+20.00 TO STA. 137+00

C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	105
CONTRACT NO. 63849				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	GRADES CHECKED		
	RT. OF WAY CHECKED		
	NO. OF		
	NO.		

PROFILE	SURVEYED	BY	DATE
	GRADES CHECKED		
	B.M. NOTED		
	STRUCTURE NOTATIONS CHECKED		
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PLOT DATE = 8/18/14	DATE - 8/18/14	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN
WASHINGTON STREET**

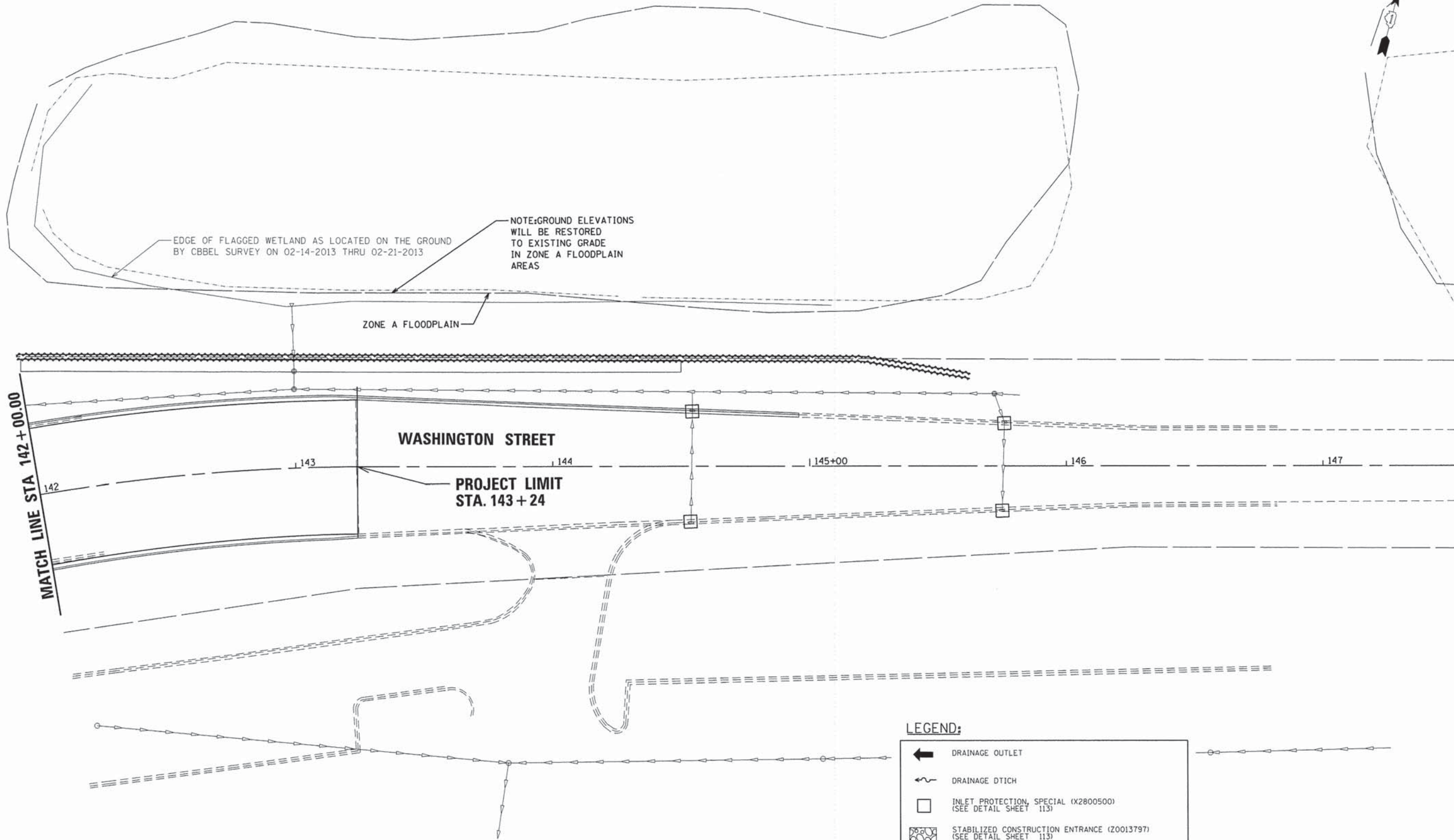
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C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	106
				CONTRACT NO. 63849
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	ALIGNED		
	RT. OF WAY CHECKED		
	FILE NAME		

PROFILE	SURVEYED	BY	DATE
	GRADES CHECKED		
	B.M. NOTED		
	STRUCTURE NOTATIONS CIPRD		

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 CLIENT: #CLIENT#
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 PEN TABLE: #PEN.TABLE#



EDGE OF FLAGGED WETLAND AS LOCATED ON THE GROUND BY CBEL SURVEY ON 02-14-2013 THRU 02-21-2013

NOTE: GROUND ELEVATIONS WILL BE RESTORED TO EXISTING GRADE IN ZONE A FLOODPLAIN AREAS

ZONE A FLOODPLAIN

WASHINGTON STREET

PROJECT LIMIT STA. 143+24

MATCH LINE STA 142+00.00

LEGEND:

- DRAINAGE OUTLET
- DRAINAGE DTICH
- INLET PROTECTION, SPECIAL (X2800500) (SEE DETAIL SHEET 113)
- STABILIZED CONSTRUCTION ENTRANCE (Z0013797) (SEE DETAIL SHEET 113)
- PERIMETER EROSION BARRIER (28000400) (SEE DETAIL SHEET 114)
- TEMPORARY DITCH CHECKS (28000305) 12' UNLESS OTHERWISE NOTED (SEE DETAIL SHEET 115)
- INLET AND PIPE PROTECTION (28000500) (SEE DETAIL SHEET 114)
- ARTICULATED BLOCK REVETMENT MAT (28500400) (SEE DETAIL SHEET 114)



CHRISTOPHER B. BURKE ENGINEERING, LTD.
 9075 W. Higgins Road, Suite 800
 Rosemont, Illinois 60018
 (773) 823-0500

USER NAME = eburke	DESIGNED - EMB	REVISED -
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PLOT SCALE = 20'	CHECKED - JOC	REVISED -
PLOT DATE = 8/18/14	DATE - 8/18/14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

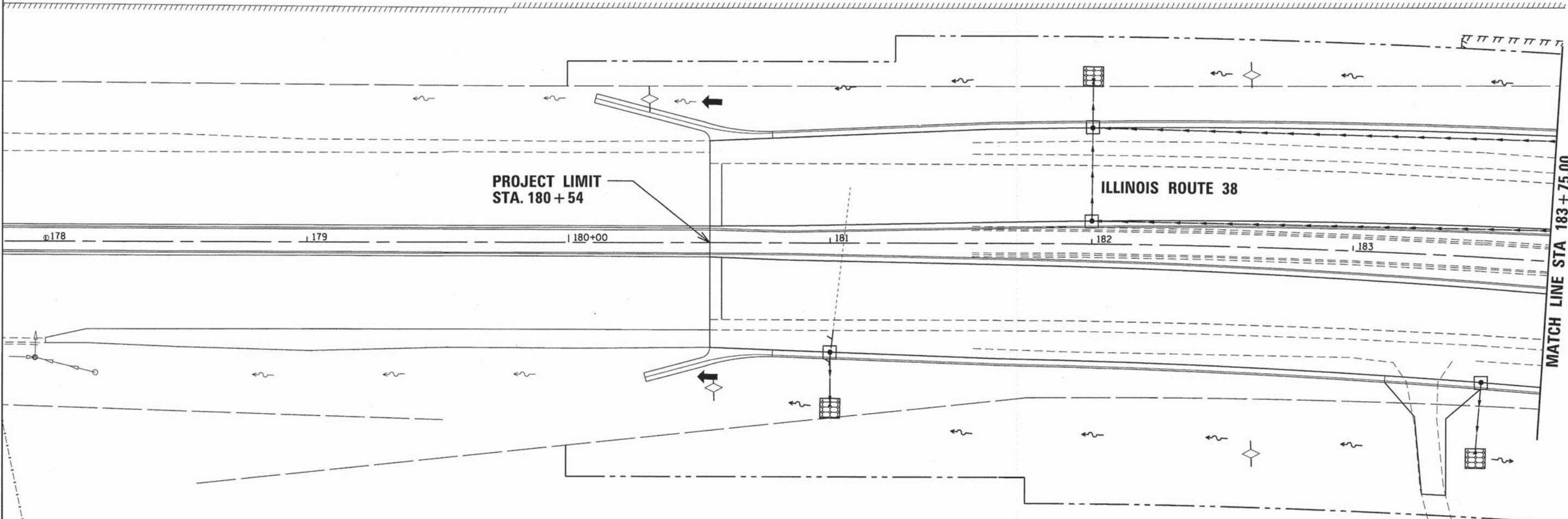
EROSION CONTROL PLAN
WASHINGTON STREET
 SCALE: 1"=20' SHEET NO. 6 OF 11 SHEETS STA. 142+00 TO STA. 143+24

C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	107
CONTRACT NO. 63849				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



PLAN	DESIGNED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
	GRADES CHECKED	
	STRUCTURE NOTATION CHECKED	
	NO. _____	

PROFILE	DESIGNED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATION CHECKED	
	NO. _____	



LEGEND:

- DRAINAGE OUTLET
- DRAINAGE DTICH
- INLET PROTECTION, SPECIAL (X2800500)
(SEE DETAIL SHEET 113)
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- INLET AND PIPE PROTECTION (28000500)
(SEE DETAIL SHEET 114)
- ARTICULATED BLOCK REVETMENT MAT (28500400)
(SEE DETAIL SHEET 114)



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PLOT DATE = 8/18/14	DATE - 8/18/14	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN
IL ROUTE 38**

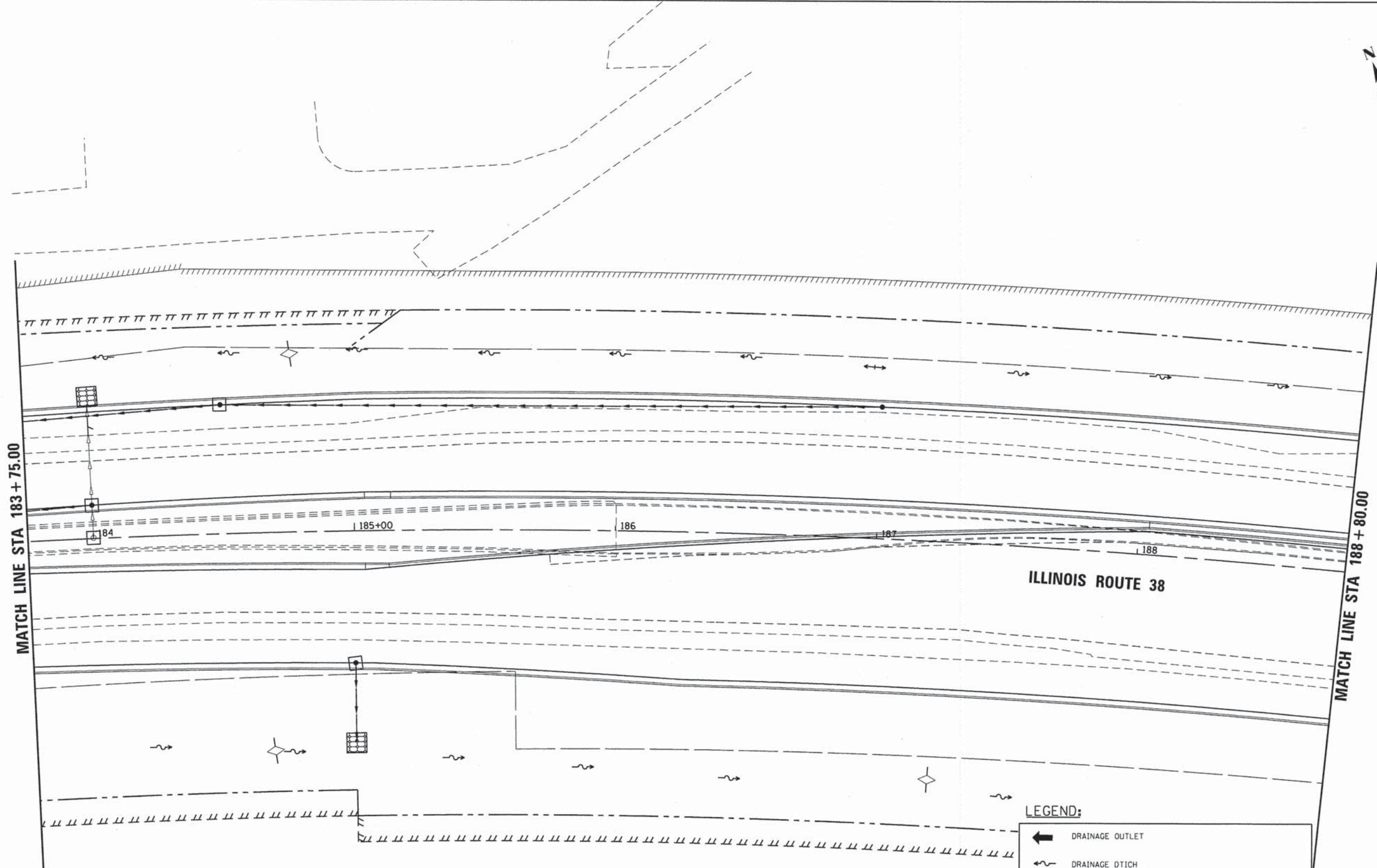
SCALE: 1"=20' SHEET NO. 7 OF 11 SHEETS STA. 178+00 TO STA. 183+75

C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	108
CONTRACT NO. 63849				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO.		
	ALIGNED		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO.		
	STRUCTURE NOTATIONS CHYKO		

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LEGEND:

- DRAINAGE OUTLET
- DRAINAGE DITCH
- INLET PROTECTION, SPECIAL (X2800500) (SEE DETAIL SHEET 113)
- STABILIZED CONSTRUCTION ENTRANCE (20013797) (SEE DETAIL SHEET 113)
- PERIMETER EROSION BARRIER (28000400) (SEE DETAIL SHEET 114)
- TEMPORARY DITCH CHECKS (28000305) 12" UNLESS OTHERWISE NOTED (SEE DETAIL SHEET 115)
- INLET AND PIPE PROTECTION (28000500) (SEE DETAIL SHEET 114)
- ARTICULATED BLOCK REVETMENT MAT (28500400) (SEE DETAIL SHEET 114)



USER NAME = eburke	DESIGNED - EMB	REVISED -
FILE NAME = D1124076.sht,eros.08.dgn	DRAWN - MYG	REVISED -
PLOT SCALE = 20'	CHECKED - JOC	REVISED -
PLOT DATE = 8/18/14	DATE - 8/18/14	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN
IL ROUTE 38**

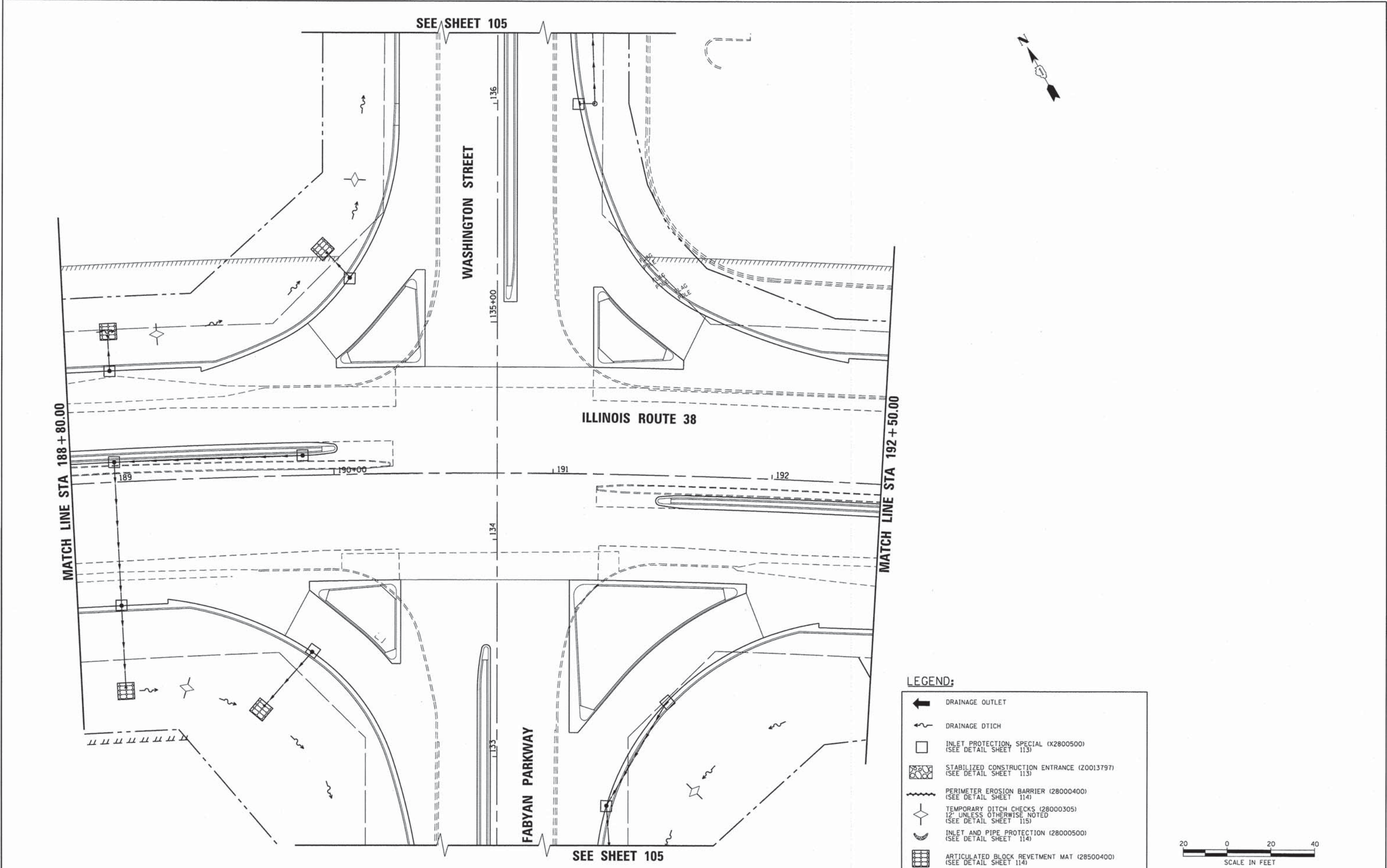
SCALE: 1"=20' SHEET NO. 8 OF 11 SHEETS STA. 183+75 TO STA. 188+80

C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	109
CONTRACT NO. 63849				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PLAN	REVISIONS	DATE
NO.	BY	
NOTE BOOK	ALIGNMENT CHECKED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	FILE NAME	

PROFILE	REVISIONS	DATE
NO.	BY	
NOTE BOOK	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	FILE NAME	

H:\dupage\128476\Draw\1124076_sht_eros_09.dgn
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 PROJECT CONTACT: #PROJECT_CONTACT#
 CLIENT: #CLIENT#
 DATE PLOTTED: 8/18/14 9:17:55 AM
 FILE NAME: 1124076_sht_eros_09.dgn
 PLOT DRIVER: #PLOT_DRIVER#
 PEN TABLE: #PEN_TABLE#



LEGEND:

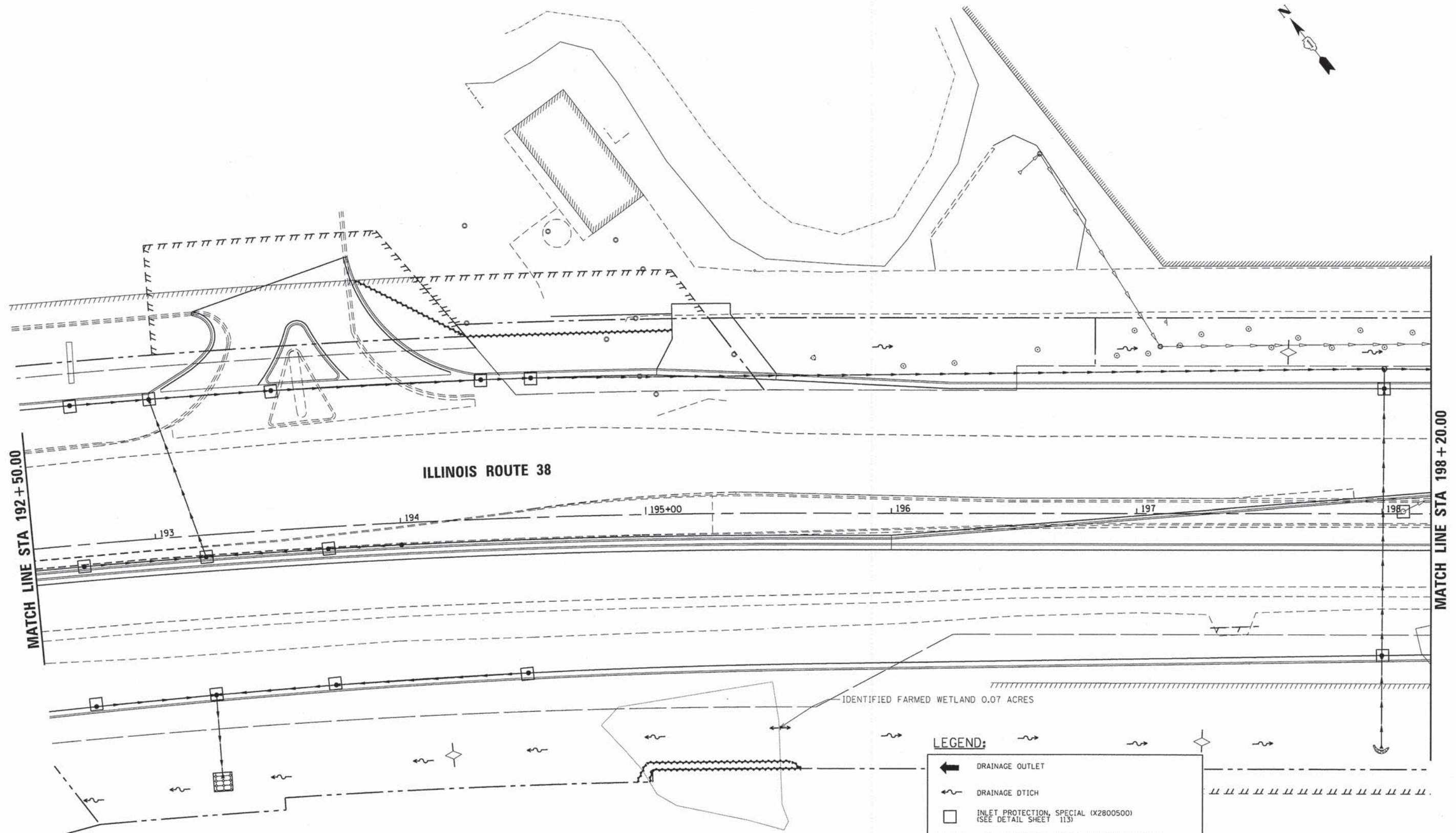
	DRAINAGE OUTLET
	DRAINAGE DITCH
	INLET PROTECTION, SPECIAL (X2800500) (SEE DETAIL SHEET 113)
	STABILIZED CONSTRUCTION ENTRANCE (Z0013797) (SEE DETAIL SHEET 113)
	PERIMETER EROSION BARRIER (28000400) (SEE DETAIL SHEET 114)
	TEMPORARY DITCH CHECKS (28000305) 12" UNLESS OTHERWISE NOTED (SEE DETAIL SHEET 115)
	INLET AND PIPE PROTECTION (28000500) (SEE DETAIL SHEET 114)
	ARTICULATED BLOCK REVETMENT MAT (28500400) (SEE DETAIL SHEET 114)



 CHRISTOPHER B. BURKE ENGINEERING, LTD. 9075 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (773) 823-9300	USER NAME = eburke	DESIGNED - EMB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION CONTROL PLAN IL ROUTE 38	C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FILE NAME = 01124076_sht_eros_09.dgn	DRAWN - MYG	REVISED -			347	11-00210-04-CH	DUPAGE	304	110
	PLOT SCALE = 20'	CHECKED - JOC	REVISED -			CONTRACT NO. 63849				
	PLOT DATE = 8/18/14	DATE - 8/18/14	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
SCALE: 1"=20'					SHEET NO. 9 OF 11 SHEETS		STA. 188+80 TO STA. 192+50			

PLAN	SUBMITTED	BY	DATE
	PLOTTED		
	ALIGNMENT CHECKED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NO.		

PROFILE	SUBMITTED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NO.		



LEGEND:

	DRAINAGE OUTLET
	DRAINAGE DITCH
	INLET PROTECTION, SPECIAL (X2800500) (SEE DETAIL SHEET 113)
	STABILIZED CONSTRUCTION ENTRANCE (20013797) (SEE DETAIL SHEET 113)
	PERIMETER EROSION BARRIER (28000400) (SEE DETAIL SHEET 114)
	TEMPORARY DITCH CHECKS (28000305) 12' UNLESS OTHERWISE NOTED (SEE DETAIL SHEET 115)
	INLET AND PIPE PROTECTION (28000500) (SEE DETAIL SHEET 114)
	ARTICULATED BLOCK REVETMENT MAT (28500400) (SEE DETAIL SHEET 114)



N:\Dupage\128476\Draw\1124076_sht_eros_10.dgn
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 PROJECT CONTACT: #PROJECT_CONTACT\$
 CLIENT: #CLIENT\$
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 PLOT DATE: 8/18/14
 PEN TABLE: #PEN_TABLE\$

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PLOT SCALE = 20'	CHECKED - JOC	REVISED -
PLOT DATE = 8/18/14	DATE - 8/18/14	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN
IL ROUTE 38**

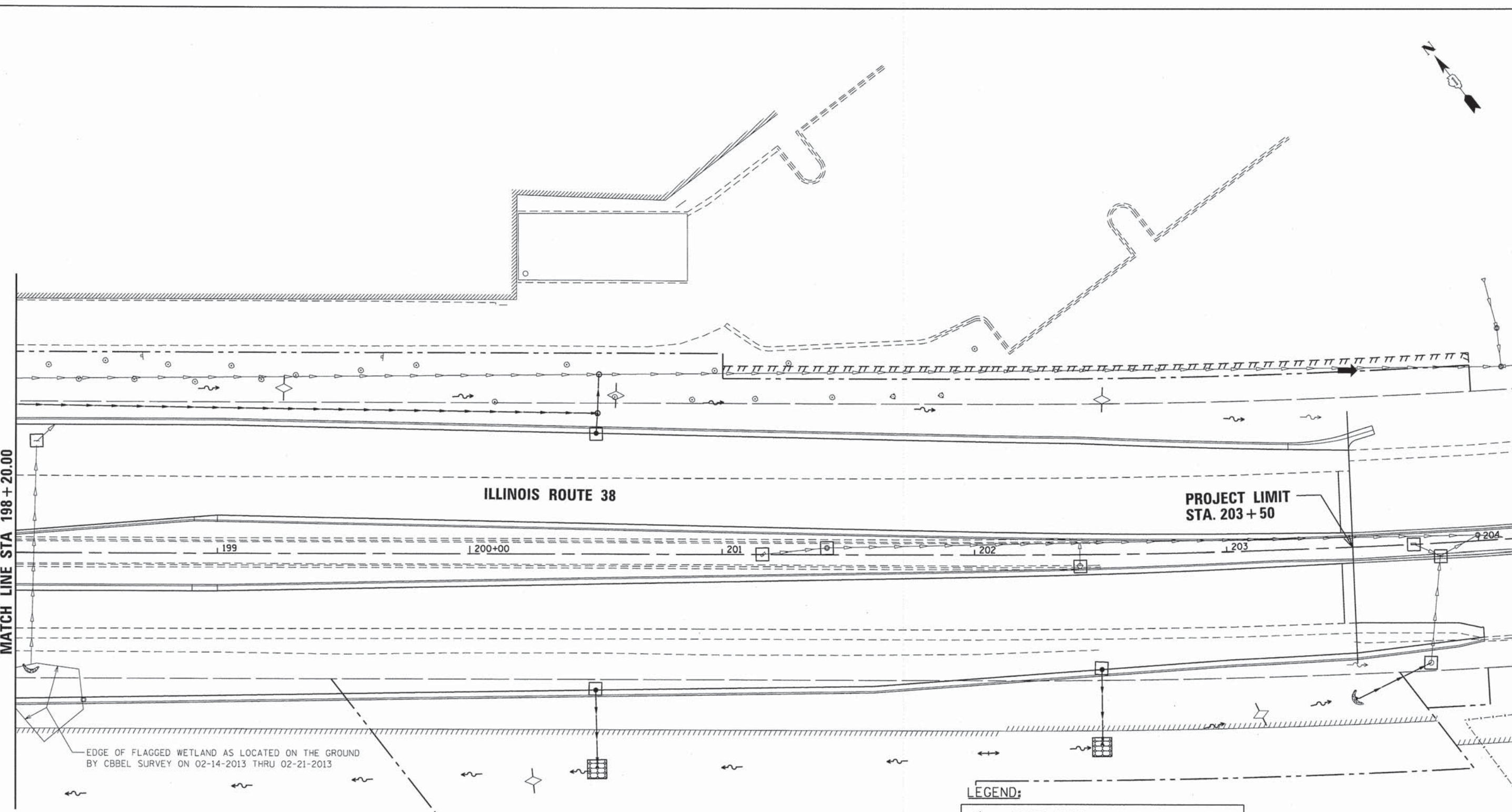
SCALE: 1"=20' SHEET NO. 10 OF 11 SHEETS STA. 192+50 TO STA. 198+20

C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	111
				CONTRACT NO. 63849
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PLAN	REVISIONS	DATE
NO.	BY	
NOTE BOOK	ALIGNED	CHECKED
	NO.	FILE NAME

PROFILE	REVISIONS	DATE
NO.	BY	
NOTE BOOK	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	

MATCH LINE STA 198 + 20.00



EDGE OF FLAGGED WETLAND AS LOCATED ON THE GROUND BY CBBEL SURVEY ON 02-14-2013 THRU 02-21-2013

LEGEND:

	DRAINAGE OUTLET
	DRAINAGE DTICH
	INLET PROTECTION, SPECIAL (X2800500) (SEE DETAIL SHEET 113)
	STABILIZED CONSTRUCTION ENTRANCE (20013797) (SEE DETAIL SHEET 113)
	PERIMETER EROSION BARRIER (28000400) (SEE DETAIL SHEET 114)
	TEMPORARY DITCH CHECKS (28000305) 12' UNLESS OTHERWISE NOTED (SEE DETAIL SHEET 115)
	INLET AND PIPE PROTECTION (28000500) (SEE DETAIL SHEET 114)
	ARTICULATED BLOCK REVETMENT MAT (28500400) (SEE DETAIL SHEET 114)



NS:\dupage\120476\Drawn\01124076_sht_eros_11.dgn
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 PROJECT CONTACT: #PROJECT_CONTACT#
 CLIENT: #CLIENT#
 DATE PLOTTED: 8/18/14 9:18:02 AM
 FILE NAME: 01124076_sht_eros_11.dgn
 PLOT USER: #PLOT_USER#
 PEN TABLE: #PEN_TABLE#

USER NAME = eburke	DESIGNED - EMB	REVISED -
FILE NAME = 01124076_sht_eros_11.dgn	DRAWN - MYG	REVISED -
PLOT SCALE = 20'	CHECKED - JOC	REVISED -
PLOT DATE = 8/18/14	DATE - 8/18/14	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

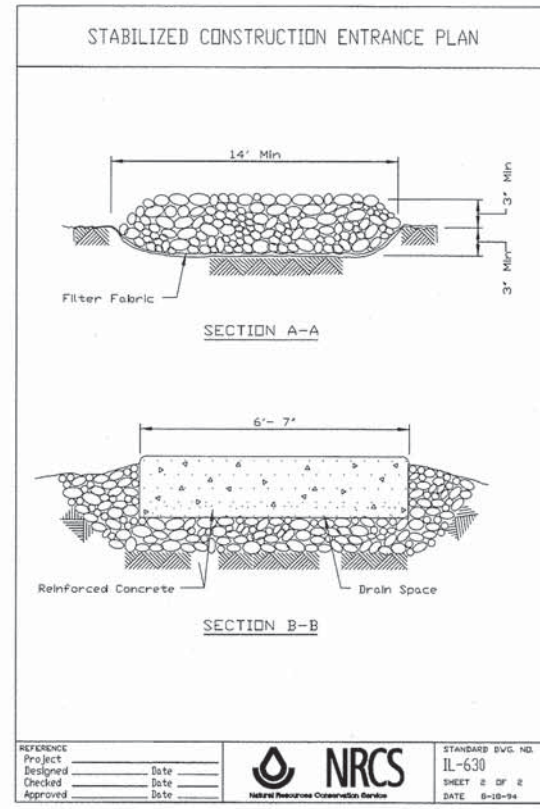
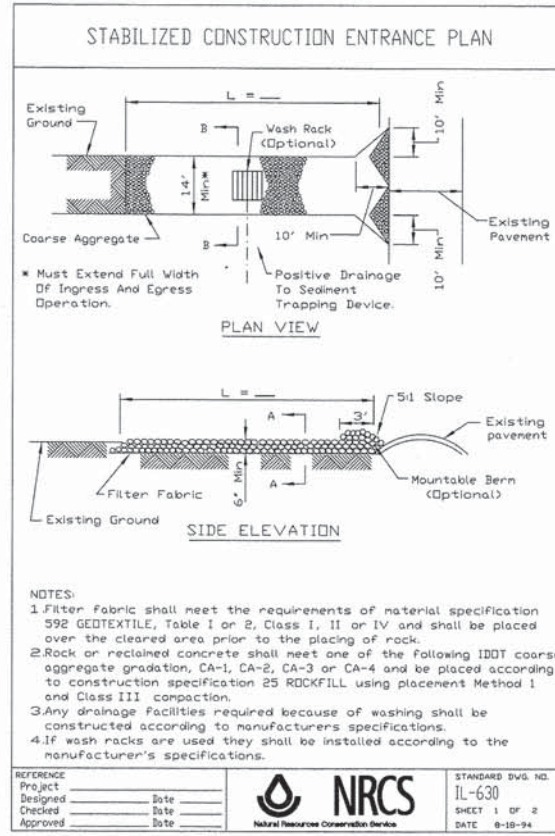
**EROSION CONTROL PLAN
 IL ROUTE 38**

SCALE: 1"=20' SHEET NO. 11 OF 11 SHEETS STA. 198+20 TO STA. 203+50

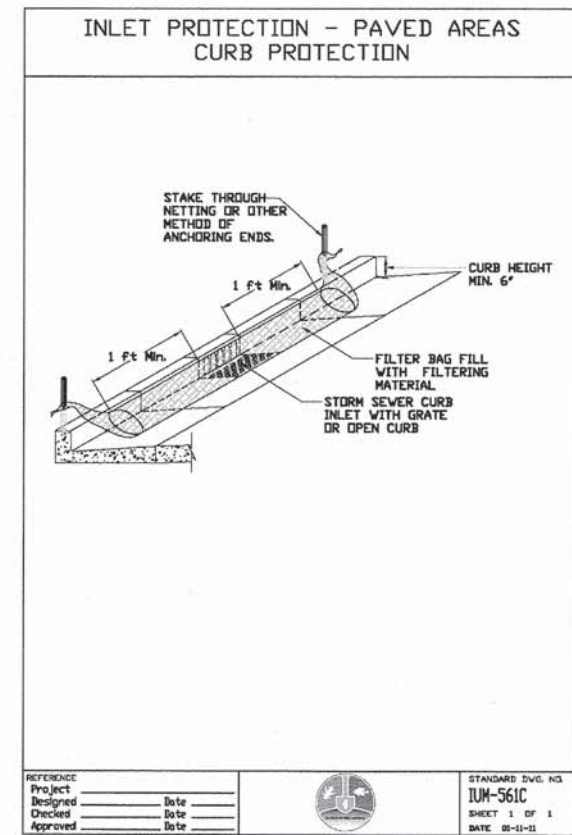
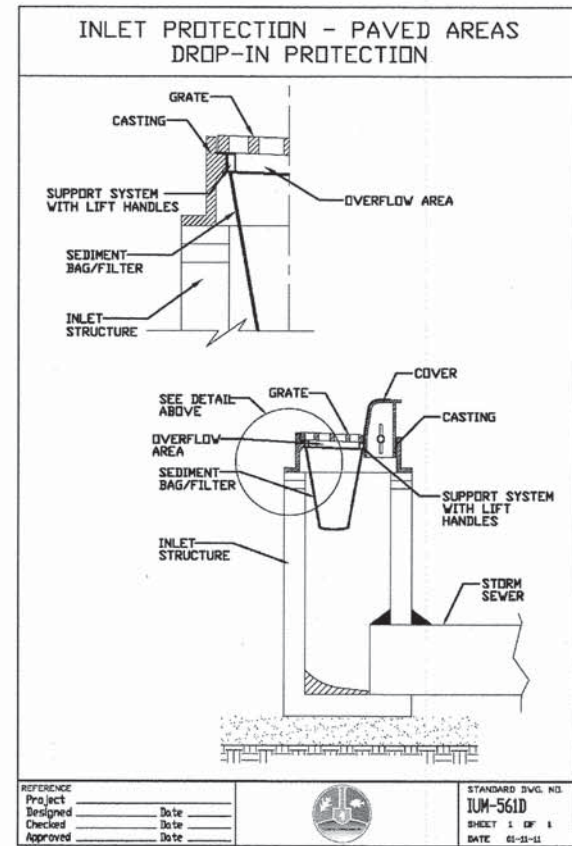
C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	112
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63849	

DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	
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BY	
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BY	
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DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	
DATE	
BY	
DATE	
BY	
DATE	
BY	
DATE	



PAID FOR AS STABILIZED CONSTRUCTION ENTRANCE (Z0013797)



PAID FOR AS INLET PROTECTION, SPECIAL (X2800500)

USER NAME = aburke	DESIGNED - EMB	REVISED -
FILE NAME = D1124076.sht.Erosion_Details.1.dgn	DRAWN - MYG	REVISED -
PLOT SCALE = 1"	CHECKED - JOC	REVISED -
PLOT DATE = 8/18/14	DATE - 8/18/14	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

EROSION CONTROL DETAILS

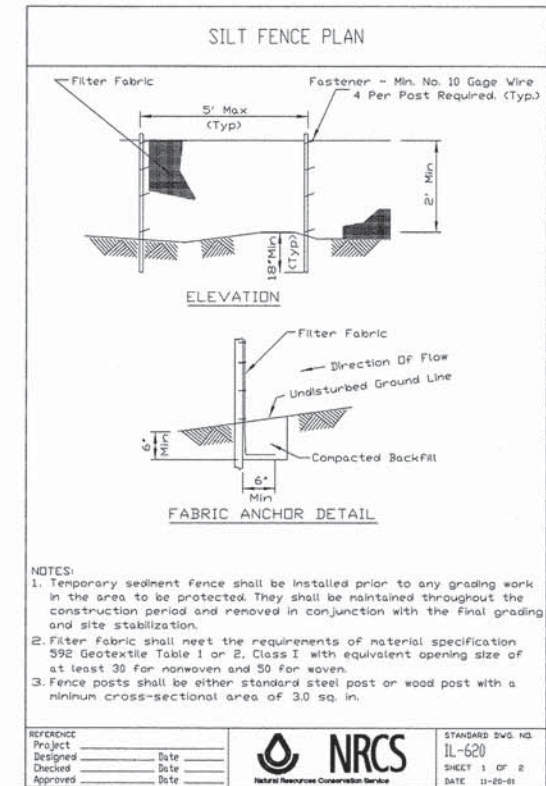
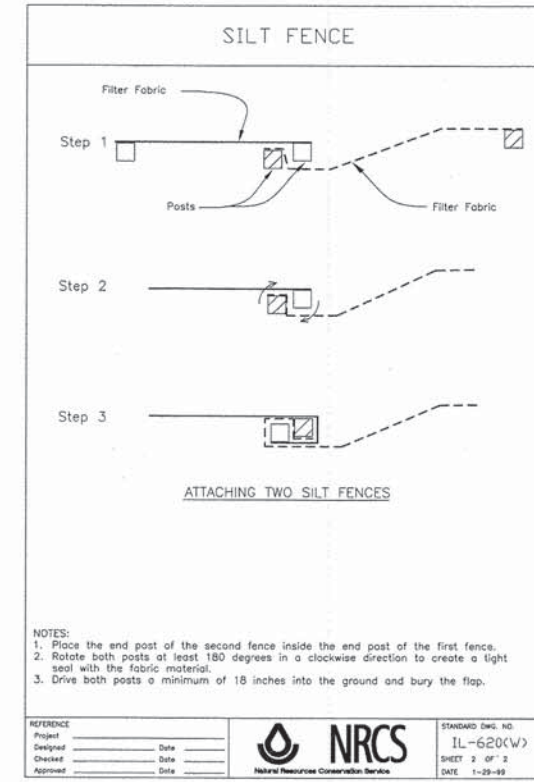
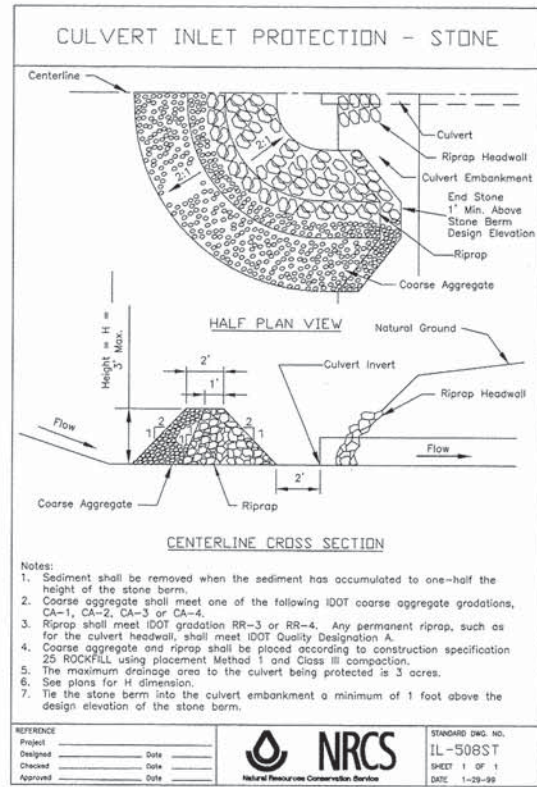
SCALE: NTS SHEET NO. 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	113
CONTRACT NO. 63849				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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 COMPANY NAME: #COMPANY_NAME#
 PROJECT CONTACT: #PROJECT_CONTACT#
 CLIENT: #CLIENT#
 DATE PLOTTED: 8/18/14 2:45:15 PM
 FILE NAME: D1124076.sht.Erosion_Details.1.dgn
 PLOT DRIVER: #PLOT_DRIVER#
 PEN TABLE: #PEN_TABLE#

CRISTOPHER B. BURKE ENGINEERING, LTD.
 9775 W. Higgins Road, Suite 800
 Rosemont, Illinois 60018
 (847) 823-0200

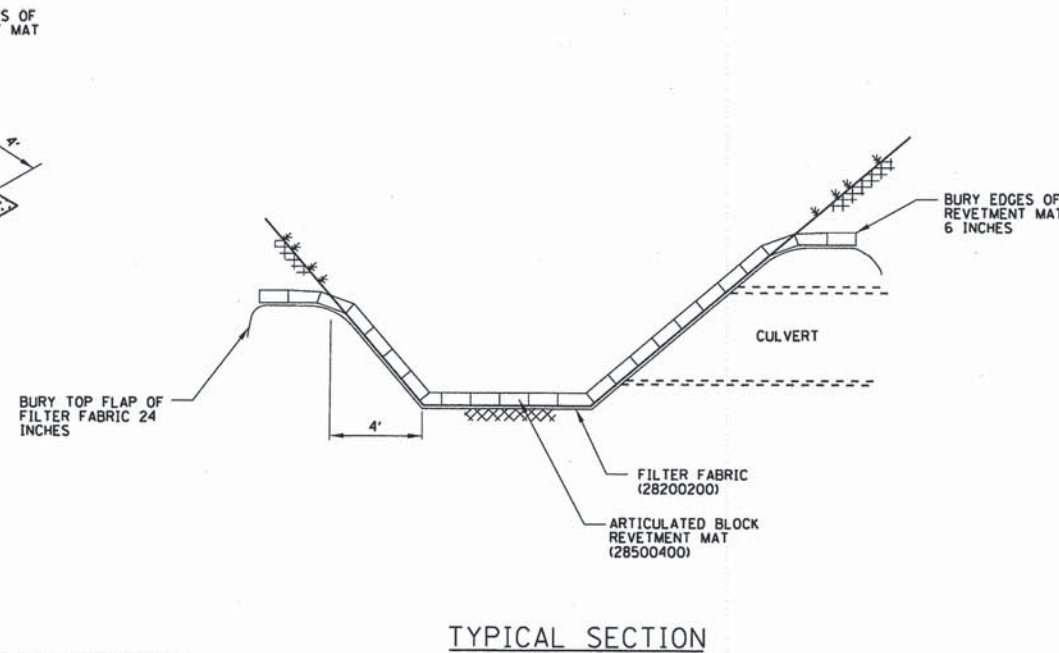
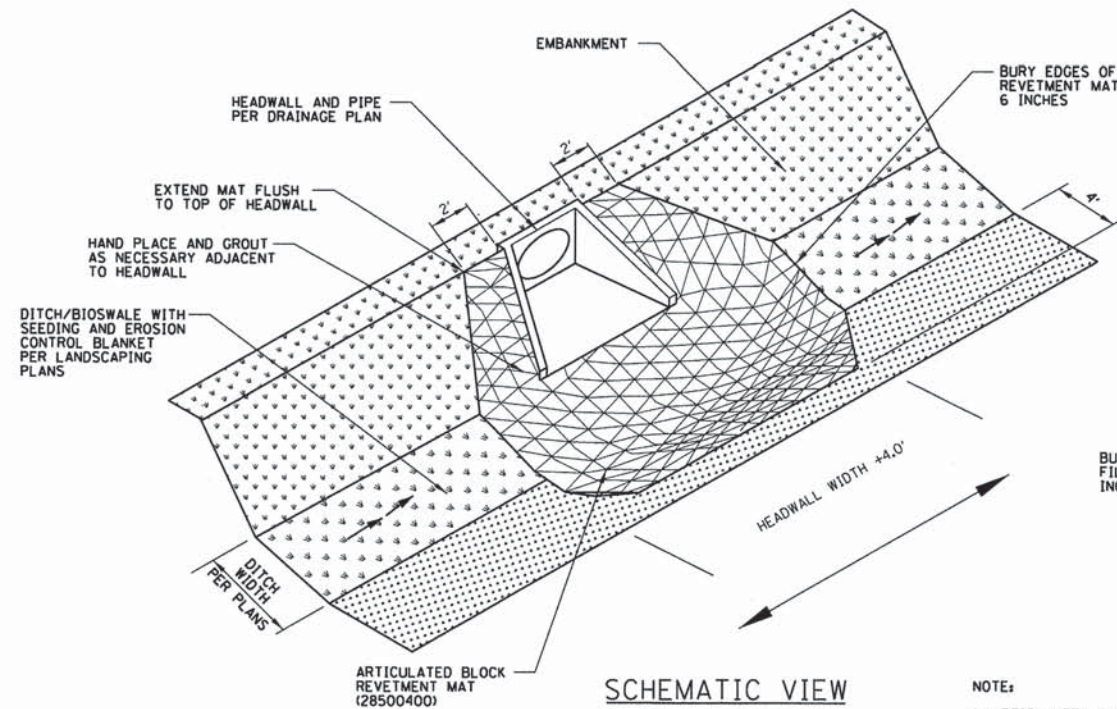
DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	



PAID FOR AS INLET AND PIPE PROTECTION (28000500)

PAID FOR AS PERIMETER EROSION BARRIER (28000400)

DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	



ARTICULATED BLOCK REVETMENT MAT (28500400)	
STRUCTURE	SQ YD
S102	8
S103	11
S107	11
S204	11
S301	8
S305	8
S307	8
S309	8
S404	11
S509	8
S511	8
S701 & S702	44.5
S705	32
S801	20
S1016	9
S1018	15
S1021	8
TOTAL	228.5

ARTICULATED BLOCK REVETMENT MAT (28500400)
 (FOR CULVERT OUTLET STABILIZATION)
 NTS

USER NAME = eburke	DESIGNED - EMB	REVISED -
FILE NAME = D1124076.sht.Erosion.Details.2	DRAWN - MYG	REVISED -
PLOT SCALE = 1"	CHECKED - JOC	REVISED -
PLOT DATE = 8/18/14	DATE = 8/18/14	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL
 DETAILS**

SCALE: NTS SHEET NO. 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE. 347	SECTION 11-00210-04-CH	COUNTY DUPAGE	TOTAL SHEETS 304	SHEET NO. 114
CONTRACT NO. 63849				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

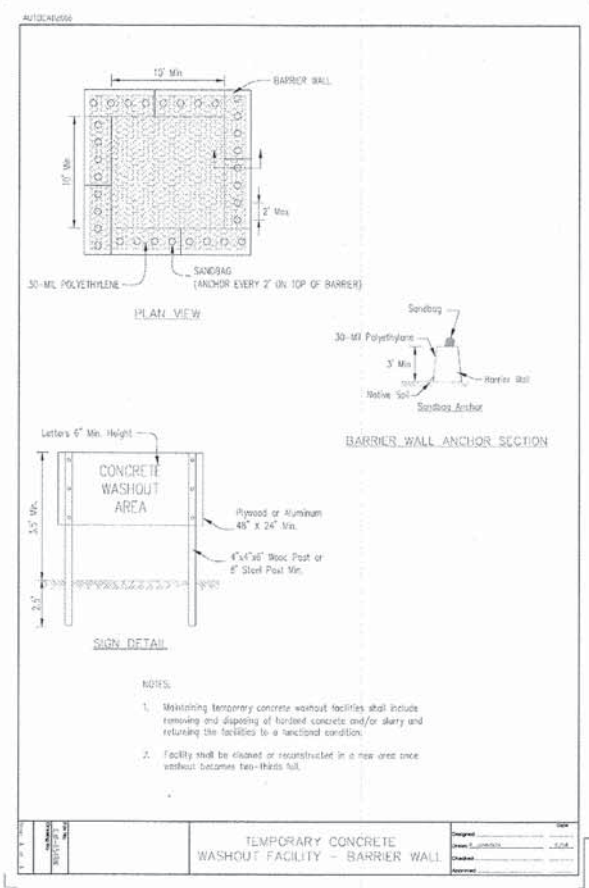
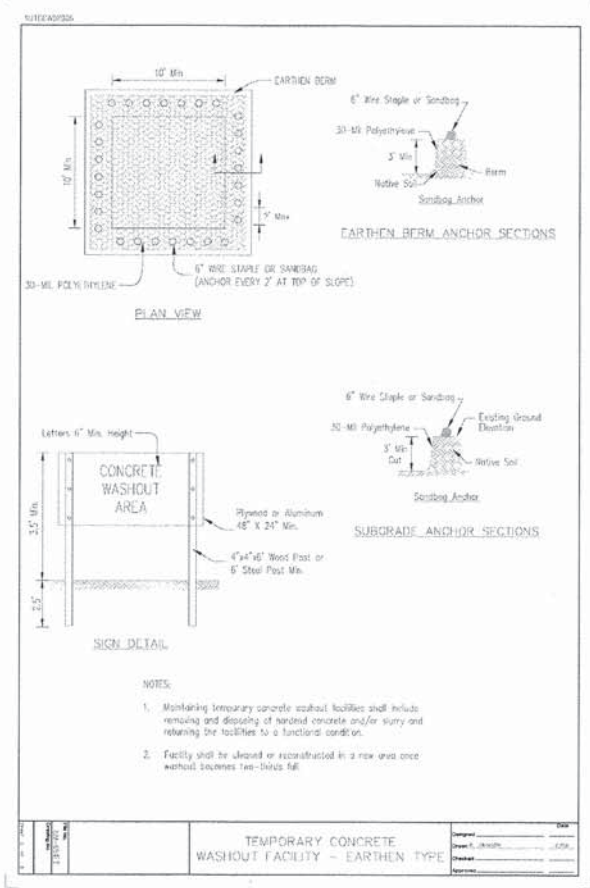
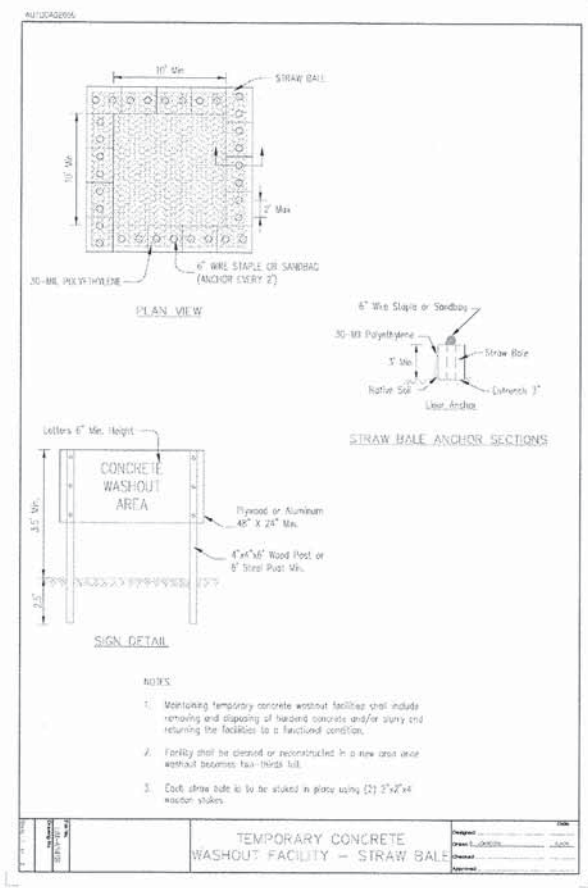
N:\Dp\page\120476\0-sh\1124076.sht.Erosion.Details.2.dgn

COMPANY NAME: BCB
 PROJECT CONTACT: CHRISTOPHER B. BURKE
 CLIENT: ILLINOIS DEPARTMENT OF TRANSPORTATION
 DATE PLOTTED: 8/18/14 2:45:54 PM
 PLOT DRIVER: PLOTDRIVER.dgn
 PEN TABLES: PEN TABLES

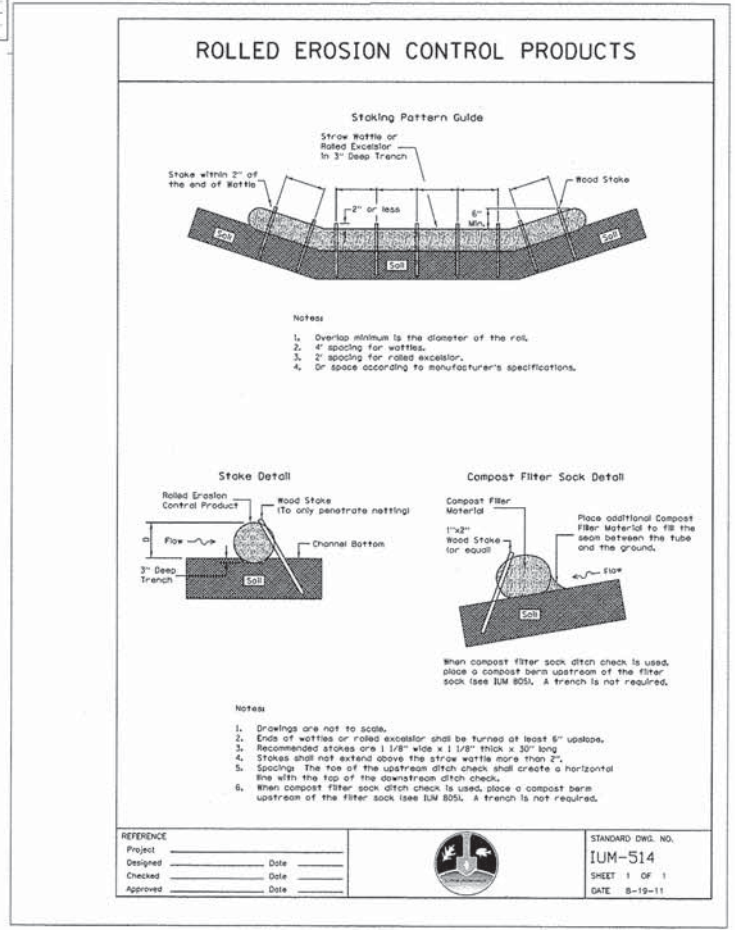
CHRISTOPHER B. BURKE ENGINEERING, LTD.
 3075 W. Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0000

DATE	
BY	
DESIGNED	
CHECKED	
APPROVED	
PROJECT CONTACT	
CLIENT	
DATE PLOTTED	
FILE NAME	
FILE NUMBER	
PEN TABLE	

DATE	
BY	
DESIGNED	
CHECKED	
APPROVED	
PROJECT CONTACT	
CLIENT	
DATE PLOTTED	
FILE NAME	
FILE NUMBER	
PEN TABLE	



PAID FOR AS WASHOUT BASIN (X0326806)



PAID FOR AS TEMPORARY DITCH CHECKS (28000305)

\\dupage\120475\Draw\01124076_sht.Erosion_Details_3.dgn

COMPANY NAME: CHRISTOPHER B. BURKE ENGINEERING, LTD.
 PROJECT CONTACT: #PROJECT_CONTACT#
 CLIENT: #CLIENT#
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PLOT SCALE	= 1'
PLOT DATE	= 8/18/14
DESIGNED	- EMB
CHECKED	- JOC
DATE	- 8/18/14
REVISION	-
REVISION	-
REVISION	-
REVISION	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL DETAILS
SCALE: NTS SHEET NO. 3 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	115
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63849	

DRAINAGE NOTES

THE CONTRACTOR SHALL MAINTAIN CONVEYANCE OF ALL FLOWS DURING CONSTRUCTION OF THIS PROJECT. WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE AND PUBLIC DRAINS, SEWERS, CULVERTS, AND OTHER DRAINAGE FACILITIES. THE CONTRACTOR SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS, AND DISCHARGE THE SAME. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN A PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET AND BE PREPARED AT ALL TIMES TO DISPOSE OF WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL SUCH TIME THAT THE PERMANENT DRAINAGE FACILITIES ARE IN SERVICE. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN THE COST OF THE CONTRACT.

THE STATION/OFFSET/ELEVATIONS NOTED FOR ALL DRAINAGE STRUCTURES LOCATED IN THE CURB LINE REFER TO THE POSITION OF THE ADJACENT PROPOSED EDGE OF PAVEMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE OFFSET NECESSARY FOR THE STRUCTURES TO SET THE FRAME AND GRATES IN THE PROPER LOCATION. ALL OTHER STRUCTURES ARE DIMENSIONED TO THE CENTER OF THE STRUCTURE ELEVATION INDICATES RIM GRADES.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING LOCAL AGENCIES MAINTAINING SANITARY SEWERS, WATERMANS, AND STREET LIGHTS TO VERIFY THE MATERIALS AND METHODS ALLOWED FOR THE ADJUSTMENT, RELOCATION, OR EXTENSION OF THE UTILITY INVOLVED.

THE LOCATION AND ELEVATION OF EXISTING UTILITIES ARE APPROXIMATE AND ARE PROVIDED BY THE OWNERS. THE EXACT LOCATIONS AND ELEVATIONS ARE TO BE VERIFIED BY THE CONTRACTOR THROUGH THE OWNERS OF THE UTILITIES.

EMBANKMENTS SHALL BE COMPLETED TO THE SATISFACTION OF THE ENGINEER PRIOR TO EXCAVATION FOR STORM SEWER.

THE COST OF MAKING STORM SEWER CONNECTIONS TO EXISTING OR PROPOSED SEWER SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE STORM SEWER BEING CONNECTED.

MANHOLES AND CATCH BASINS SHALL BE CONSTRUCTED WITH FLAT TOPS WHERE THE DIFFERENCE BETWEEN THE RIM ELEVATIONS AND INVERT ELEVATION IS LESS THAN SIX (6) FEET.

ALL ADJUSTMENT OR RECONSTRUCTIONS SHALL INCLUDE THE REMOVAL AND REPLACEMENT, AT THE CONTRACTOR'S EXPENSE, OF ALL UNSUITABLE TWO (2) FOOT INSIDE DIAMETER ADJUSTING RINGS.

ADJUSTMENT OF STRUCTURES MAINTAINED BY OTHER AGENCIES SHALL BE MADE TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY MAINTAINING THE STRUCTURE INVOLVED.

ALL MANHOLES AND INLETS SHALL HAVE Poured INVERTS. THE COST OF INVERTS SHALL BE INCLUDED IN THE COST OF THE STRUCTURE.

TRENCH BACKFILL
WHERE TRENCH BACKFILL IS REQUIRED, THE MATERIAL USED SHALL BE COMPACTED AS SPECIFIED IN ARTICLE 550.07 OF THE STANDARD SPECIFICATIONS USING METHOD ONE.

PLAN	DATE
BY	
REVISIONS	
NO.	

PROFILE	DATE
BY	
REVISIONS	
NO.	

N:\dupage\120476\120476-01\120476_sht_notes_legend.sht
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 PROJECT CONTACT: #PROJECT_CONTACT#
 CLIENT: #CLIENT#
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PLOT SCALE = 1"	CHECKED - JOC	REVISED -
PLOT DATE = 8/18/14	DATE - 8/18/14	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FABYAN AND IL ROUTE 38
DRAINAGE NOTES**

SCALE: NTS SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	116
CONTRACT NO. 63849				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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 PROJECT CONTACT: #0124076_sht.sched.dwg
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 PEN TABLE: #PEN.TABLE#

DATE: _____ BY: _____
 SURVEYED: _____
 ALIGNED: _____
 CHECKED: _____
 BY: _____
 NOTE BOOK NO.: _____
 PLAN NO.: _____

DATE: _____ BY: _____
 SURVEYED: _____
 CHECKED: _____
 BY: _____
 NOTE BOOK NO.: _____
 PROFILE NO.: _____

STRUCTURE NO.	STRUCTURE TYPE	STATION	OFFSET	RIM	INV (N)	INV (W)	INV (E)	IDOT PAY ITEM #	RIM REFERENCE POINT
S101	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	181+00	41.9 RT	754.78	--	752.30	--	60208240	EOP
S102	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	181+00	61.5 RT	--	752.20	--	--	54213657	END OF PIPE
S103	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	182+00	62.5 LT	--	--	752.47	--	54213660	END OF PIPE
S104	CATCH BASINS, TYPE A, 4-DIAMETER, TYPE 24 FRAME AND GRATE	182+00	44.9 LT	756.37	752.55	752.65	--	60201340	EOP
S105	CATCH BASINS, TYPE A, 4-DIAMETER, TYPE 24 FRAME AND GRATE	182+00	8.9 LT	756.17	752.80	--	752.05	60201340	EOP
S106	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	183+51.62	48.0 RT	755.45	--	--	--	60208240	EOP
S107	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	183+51.14	74.2 RT	--	753.00	--	--	54213660	END OF PIPE

PIPE NO.	FROM	TO	LENGTH (FT)	DIA. (IN)	PIPE TYPE	SLOPE (%)	TBF (CY)	IDOT PAY ITEM
P101	S101	S102	20	12	RCCP TYPE 1	0.51	0.7	550A0050
P102	S104	S103	18	15	WMQ TYPE 1	0.45	0.8	20056650
P103	S105	S104	36	15	RCCP TYPE 1	0.42	4.4	550A0070
P104	S101	S105	201	12	RCCP TYPE 1	0.45	26.5	550A0050
P105	S106	S107	26	12	RCCP TYPE 1	0.54	0.7	550A0050
P106	S202	S104	254	15	WMQ TYPE 1	0.35	33.5	20056650

NOTES:
 1. TBF CALCULATED USING IDOT METHOD

TOTAL 1044

PLAN	REVISION	DATE
	BY	
	DATE	
	BY	
	DATE	
	BY	
	DATE	
	BY	
	DATE	

PROFILE	REVISION	DATE
	BY	
	DATE	
	BY	
	DATE	
	BY	
	DATE	
	BY	
	DATE	

REMOVING CATCH BASINS (60500050)		
Location	STATION	OFFSET
IL-38	184+00.06	0.27 LT
IL-38	198+08.67	0.89 LT
IL-38	202+41.79	4.53 RT
IL-38	201+41.54	2.58 LT
TOTAL		4

REMOVING MANHOLES (60500040)		
Location	STATION	OFFSET
IL-38	201+41.54	2.58 LT
Fabyan	140+06.60	54.26 RT
Fabyan	140+05.56	85.65 LT
TOTAL		3

CONCRETE HEADWALL REMOVAL (50104400)		
Location	STATION	OFFSET
Fabyan	131+98.36	51.85 LT
TOTAL		1

REMOVING INLETS (60500060)		
Location	STATION	OFFSET
Fabyan	131+98.40	26.03 RT
Fabyan	131+98.56	27.80 LT
Fabyan	138+79.37	26.57 RT
Fabyan	138+79.82	27.53 LT
Fabyan	140+04.77	26.68 RT
Fabyan	140+03.63	27.38 LT
TOTAL		6

FILL EXISTING STORM SEWERS (X0325405)						
Location	FROM		TO		(FT)	CY
	STATION	OFFSET	STATION	OFFSET		
IL-38	181+07.71	21.59 LT	181+01.19	33.53 RT	55.00	2.5
IL-38	184+00.00	0.00 RT	183+99.72	51.92 LT	52.00	1.5
IL-38	198+08.67	0.89 LT	TBD	TBD	21.00	1
IL-38	198+26.18	44.48 RT	198+28+24	44.41 LT	89.00	3
IL-38	201+16.25	0.00 RT	201+41.54	2.58 LT	26.00	1
IL-38	201+41.54	2.58 LT	203+50	3.86 LT	208.00	13
IL-38	203+50	3.86 RT	203+50	3.86 LT	9.00	1
Fabyan	117+31.24	25.85 LT	120+15.46	8.5 LT	286.00	8.5
Fabyan	120+15.9	8.4 LT	120+61.62	68.35	75.00	2.5
Fabyan	130+28.21	39.4 LT	130+50.45	57.2 LT	28.00	1.0
TOTAL						34

PIPE UNDERDRAINS, FABRIC LINED TRENCH 6" (60109520)					
SPD NO.	FROM		TO		LENGTH (FT)
	STATION	OFFSET	STATION	OFFSET	
PU101	181+00	45.6 LT	182+00	48.9 LT	101
PU102	184+50	54.0 LT	182+00	48.9 LT	254
PU103	181+50	4.8 LT	182+00	5.8 LT	50
PU104	184+00	9.9 LT	182+00	5.8 LT	201
PU105	183+00	51.0 RT	181+00	45.8 RT	198
PU106	185+00	55.3 RT	183+51	52.7 RT	146
PU201	187+50	61.5 RT	185+00	55.3 RT	246
PU202	187+00	51 LT	184+50	54.0 LT	250
PU203	187+50	61.5 RT	189+00	61.1 RT	148
PU204	187+50	55.2 LT	187+00	51.0 LT	50
PU205	187+50	55.2 LT	189+00	55.2 LT	152
PU301	187+00	2.8 LT	189+00	10.6 LT	201
PU302	189+50	56.0 LT	189+00	55.0 LT	51
PU303	190+00	11.2 LT	189+00	10.6 LT	100
PU304	189+50	66.6 RT	189+00	61.1 RT	46
PU305	192+00	77.2 RT	193+20	70.1 RT	118
PU306	191+50	10.6 RT	192+70	10.6 RT	120
PU307	192+00	66.2 LT	192+70	61.0 LT	72
PU401	192+70	61.0 LT	193+01	61.3 LT	33
PU402	193+01	61.3 LT	194+35	61.0 LT	136
PU403	194+35	61.0 LT	194+55	60.65 LT	20
PU404	194+55	60.65 LT	195+50	58.9 LT	97
PU405	195+50	58.9 LT	198+00	55.1 LT	251
PU406	192+70	10.6 RT	193+20	10.6 RT	50
PU407	193+70	10.6 RT	193+20	10.6 RT	50
PU408	197+00	3.0 RT	193+70	10.6 RT	300
PU409	195+50	66.6 RT	193+20	70.1 RT	225
PU410	195+50	66.6 RT	198+00	62.5 RT	250
PU413	195+50	66.6 RT	198+00	62.4 RT	250
PU501	198+00	55.1 LT	200+50	52.5 LT	250
PU502	198+00	62.4 RT	200+50	58.0 RT	250
PU503	200+50	58.0 RT	202+50	49.7 RT	200
PU504	203+50	46.1 RT	202+50	49.7 RT	102
PU505	201+50	7.0 RT	202+49	5.0 RT	100
PU506	203+50	2.9 RT	202+50	5.0 RT	100
PU509	203+50	42.9 LT	200+50	52.5 LT	300
Total					5467

PIPE UNDERDRAINS 6" (SPECIAL) (60108200)					
SPD NO.	FROM		TO		LENGTH (FT)
	STATION	OFFSET	STATION	OFFSET	
PU411	193+20	10.6 RT	193+20	65.9 RT	57
PU412	193+20	56.0 LT	193+20	8.0 RT	64
PU507	202+50	5.0 RT	202+50	45.8 RT	48
PU508	202+49	5.0 RT	202+50	45.8 RT	48
Total					217

COMPANY NAME: #COMPANY_NAME
 PROJECT CONTACT: #PROJECT_CONTACT#
 CLIENT: #CLIENT#
 DATE PLOTTED: 8/18/14 2:46:41 PM
 FILE NAME: #FILE_NAME#
 PLOT DRIVER: #PLOT_DRIVER#
 PEN TABLE: #PEN_TABLE#



USER NAME = eburke	DESIGNED - EMB	REVISED -
FILE NAME = D1124076.sht.schedule2.sht	DRAWN - MYG	REVISED -
PLOT SCALE = 1"	CHECKED - JOC	REVISED -
PLOT DATE = 8/18/14	DATE - 8/18/14	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

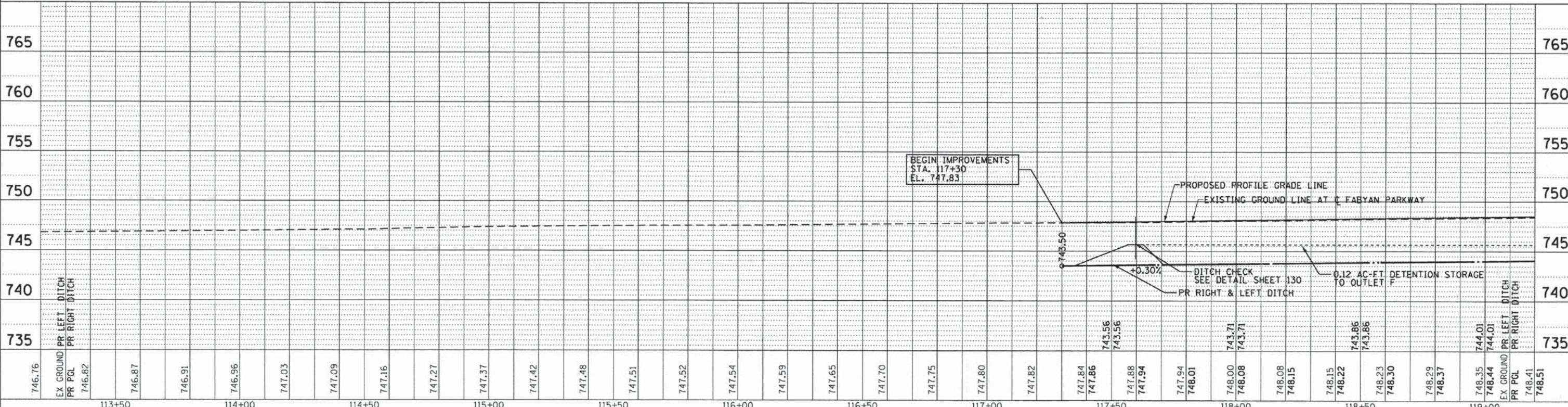
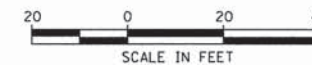
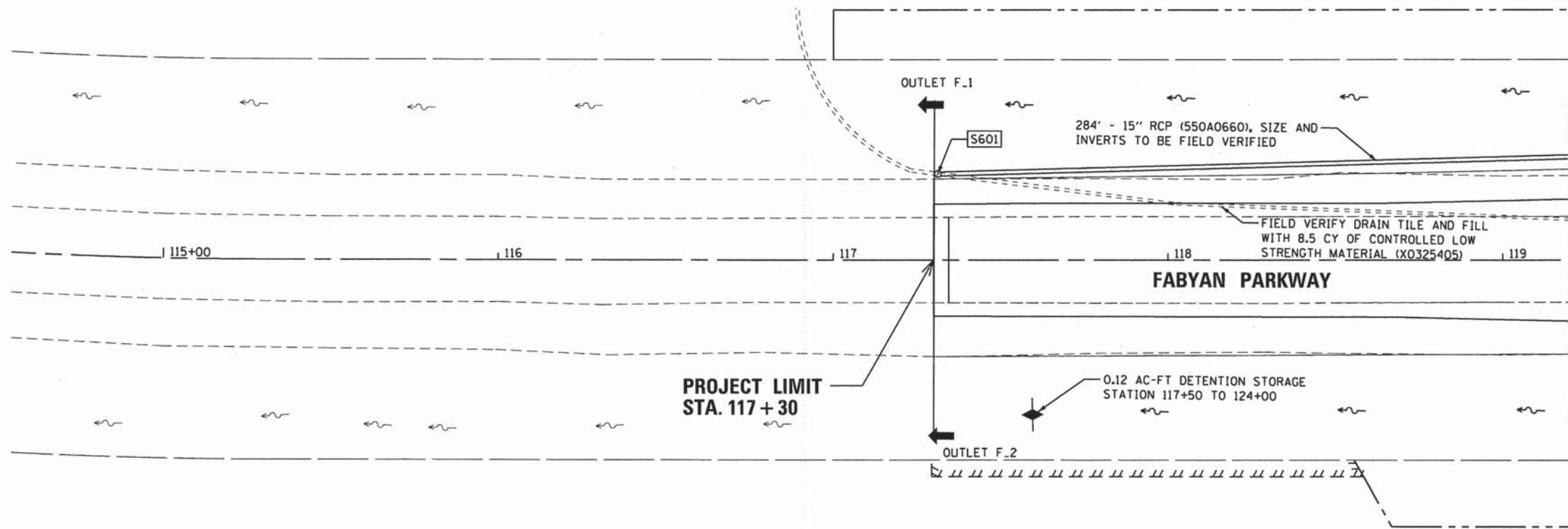
DRAINAGE SCHEDULE

SCALE: NTS SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	118
CONTRACT NO. 63849				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

LEGEND:

BOUNDARY LINES/SYMBOLS	EXISTING	PROPOSED
REFERENCE LINE/CENTERLINE AND STATIONING		
SWALE		
DITCH		
CHANNEL		
DRAINAGE SUMMIT		
CULVERT SIZE - TYPE	2 X 2 BOX	2 X 2 BOX
BRIDGE LOCATION - BRIDGE NO.		
FLOODWAY		
STORM SEWER		
SANITARY SEWER		
FLARED END SECTION		
CATCH BASIN		
HEADWALL		
INLET		
MANHOLE		
UNDERDRAIN		
REMOVAL		
RIGHT OF WAY LINE		
OUTLET		
PROPOSED STORM SEWER LABEL		
PROPOSED DRAINAGE STRUCTURE LABEL		
STRUCTURE TO BE REMOVED LABEL		
DRAIN TILE		
WETLAND		
PERMANENT DITCH CHECK		
TEMPORARY EASEMENT		



PLAN	REVISIONS	DATE

PROFILE	REVISIONS	DATE

COMPANY NAME: CHRISTOPHER B. BURKE ENGINEERS LTD.
 PROJECT CONTACT: JOC
 CLIENT: STATE OF ILLINOIS
 DATE PLOTTED: 8/18/14 10:33 PM
 FILE NAME: 01124076.sht_drainplanprf_01.dgn
 PLOT DRIVER: PLOTDRIVER
 PEN TABLE: PEN

USER NAME = eburke	DESIGNED - EMB	REVISIONS -	F.A.P. RTE. 347	SECTION 11-00210-04-CH	COUNTY DUPAGE	TOTAL SHEETS 304	SHEET NO. 119
FILE NAME = 01124076.sht_drainplanprf_01.dgn	DRAWN - PM	REVISIONS -	CONTRACT NO. 63849				
PLOT SCALE = 20'	CHECKED - JOC	REVISIONS -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
PLOT DATE = 8/18/14	DATE - 8/18/14	REVISIONS -	SCALE: 1"=20' SHEET NO. 1 OF 11 SHEETS STA. 113+20.00 TO STA. 119+20.00				

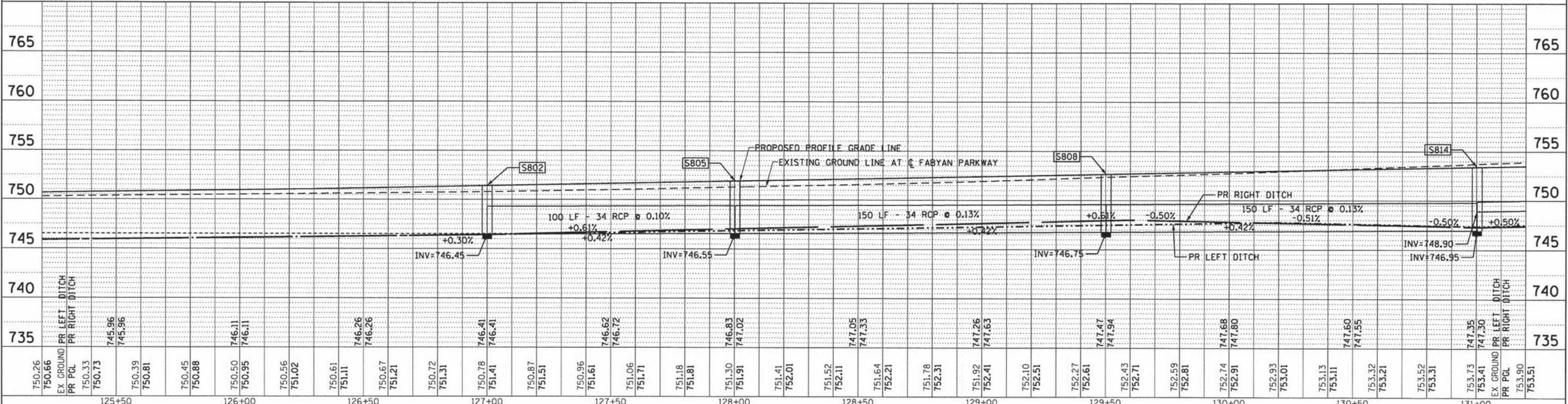
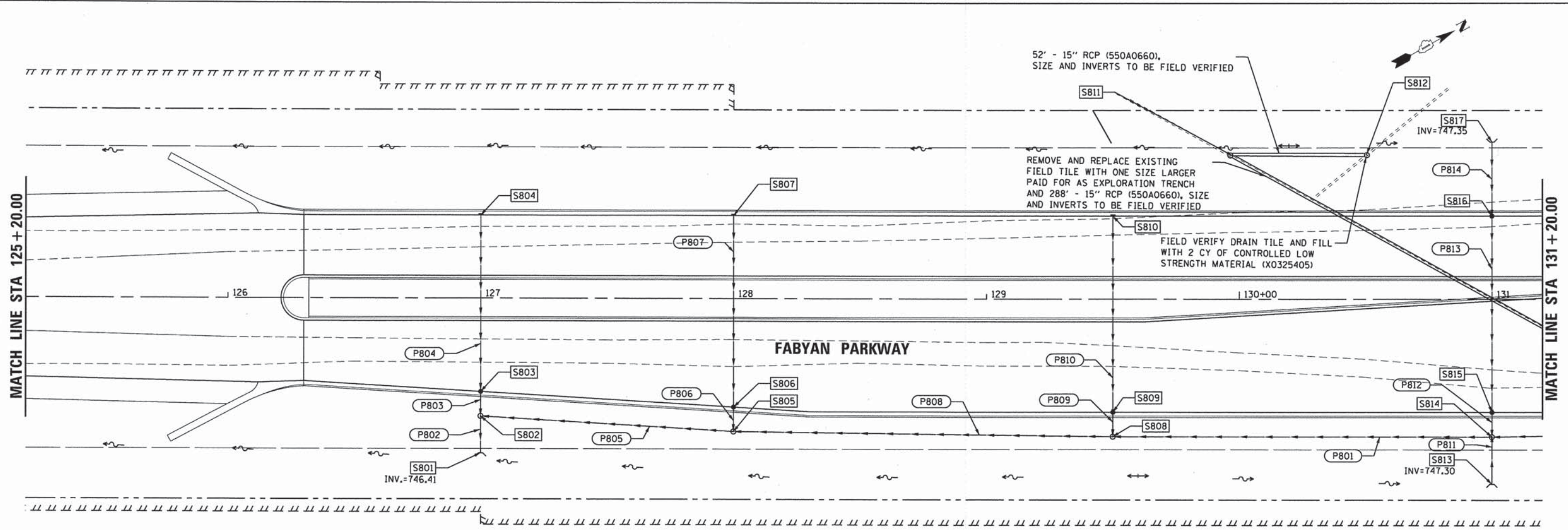
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN AND PROFILE
 FABYAN PARKWAY

PLAN	DESIGNED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	CAD FILE NAME		
	NO.		

PROFILE	DESIGNED	BY	DATE
	PLOTTED		
	GRADES		
	CHECKED		
	STRUCTURE		
	NOTATIONS		
	CHKD		
	NO.		

COMPANY NAME: CHRISTOPHER B. BURKE ENGINEERING, LTD.
 PROJECT CONTACT: #PROJECT_CONTACT#
 CLIENT: #CLIENT#
 DATE PLOTTED: 8/18/14 10:10 AM
 FILE NAME: D:\24076_sht_drain\prf_03.dgn
 PLOT DRIVERS: #PLOT_DRIVERS#
 PEN TABLE: #PEN_TABLE#



125+00	126+00	126+50	127+00	127+50	128+00	128+50	129+00	129+50	130+00	130+50	131+00																																																																	
750.26	750.66	750.33	750.73	745.96	745.96	750.50	746.11	746.11	750.56	751.02	750.61	751.11	746.26	746.26	750.67	751.21	750.72	751.31	750.78	746.41	746.41	750.87	751.51	750.96	751.61	746.62	746.72	751.06	751.71	751.18	751.81	751.30	746.83	747.02	751.41	752.01	751.52	752.11	747.05	747.33	751.64	752.21	751.78	752.31	751.92	747.26	747.63	752.10	752.51	752.27	752.61	747.47	747.94	752.43	752.71	752.59	752.81	752.74	747.68	747.80	752.91	752.93	753.01	753.13	753.11	753.32	753.21	753.52	753.31	753.73	747.35	747.50	753.41	747.50	753.90	753.51

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN AND PROFILE
 FABYAN PARKWAY

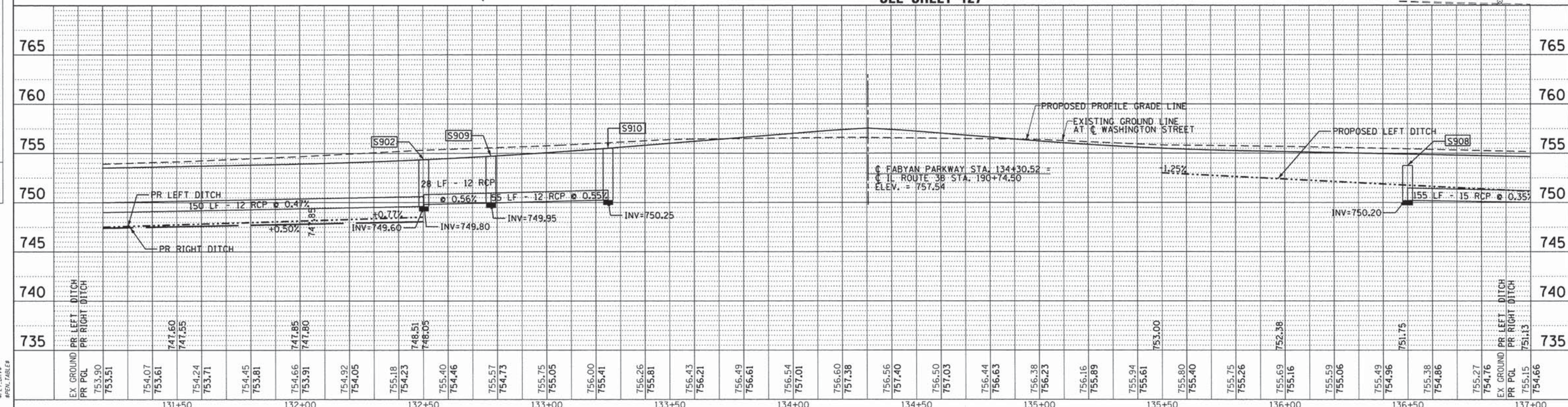
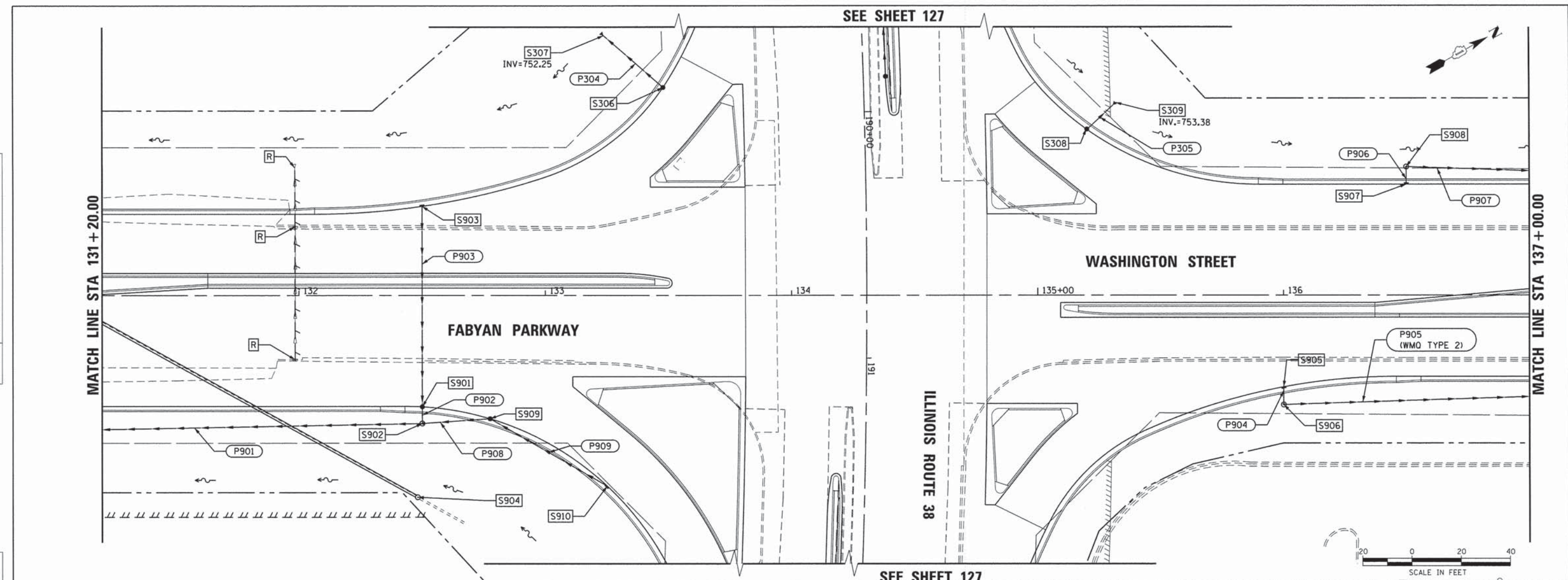
SCALE: 1"=20' SHEET NO. 3 OF 11 SHEETS STA. 125+20.00 TO STA. 131+20.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	121
CONTRACT NO. 63849				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	RT. OF WAY CHECKED	
	NO. _____	
	BY _____	
	DATE _____	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	
	NO. _____	
	BY _____	
	DATE _____	

COMPANY NAME: CHRISTOPHER B. BURKE ENGINEERING, LTD.
 PROJECT CONTACT: [Name]
 CLIENT: [Name]
 DATE PLOTTED: 8/18/14 8:42:27 AM
 FILE NAME: D:\124076_sht_dra\prf_04.dgn
 PLOT DRIVER: [Name]
 PEN TABLE: [Name]



131+50	132+00	132+50	133+00	133+50	134+00	134+50	135+00	135+50	136+00	137+00																																																	
EX GROUND	PR LEFT DITCH	PR RIGHT DITCH	PR LEFT DITCH	PR RIGHT DITCH	PR LEFT DITCH	PR RIGHT DITCH	PR LEFT DITCH	PR RIGHT DITCH	PR LEFT DITCH	PR RIGHT DITCH																																																	
753.90	753.51	754.07	753.61	754.24	753.71	754.45	753.81	754.66	753.91	754.18	754.23	755.18	754.23	755.40	754.46	755.57	754.73	755.75	755.05	756.00	755.41	756.26	755.81	756.43	756.21	756.49	756.61	756.54	757.01	756.60	757.38	756.56	757.40	756.50	757.03	756.44	756.63	756.38	756.23	756.16	755.89	755.94	755.61	755.80	755.40	755.75	755.26	755.69	755.16	755.59	755.06	755.49	754.96	755.38	754.86	755.27	754.76	755.15	754.66

USER NAME = eburke	DESIGNED - EMB	REVISED -
FILE NAME = D:\124076_sht_dra\prf_04.dgn	DRAWN - PM	REVISED -
PLOT SCALE = 28'	CHECKED - JOC	REVISED -
PLOT DATE = 8/18/14	DATE - 8/18/14	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

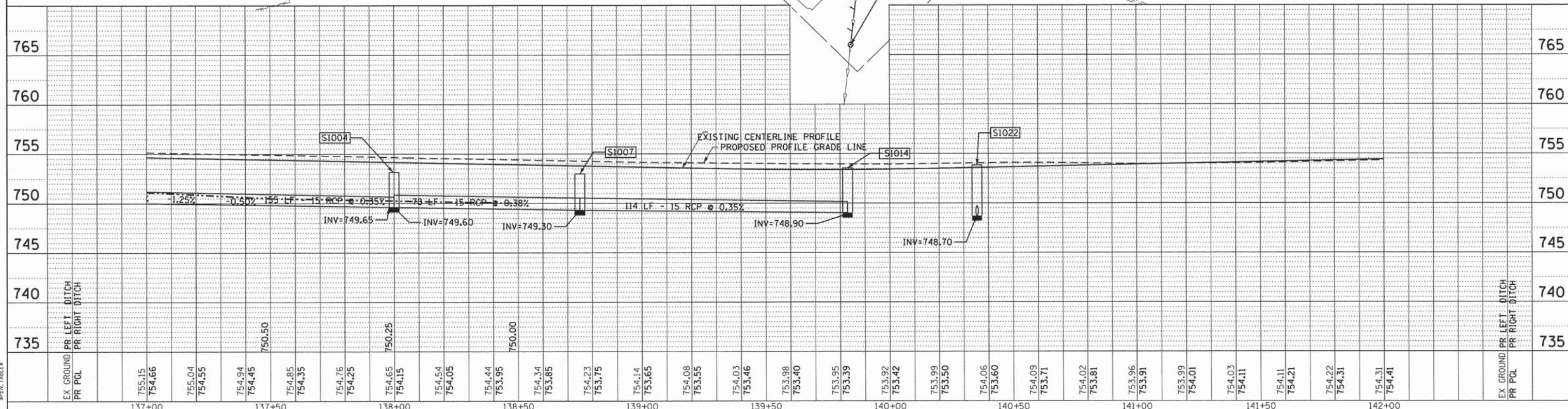
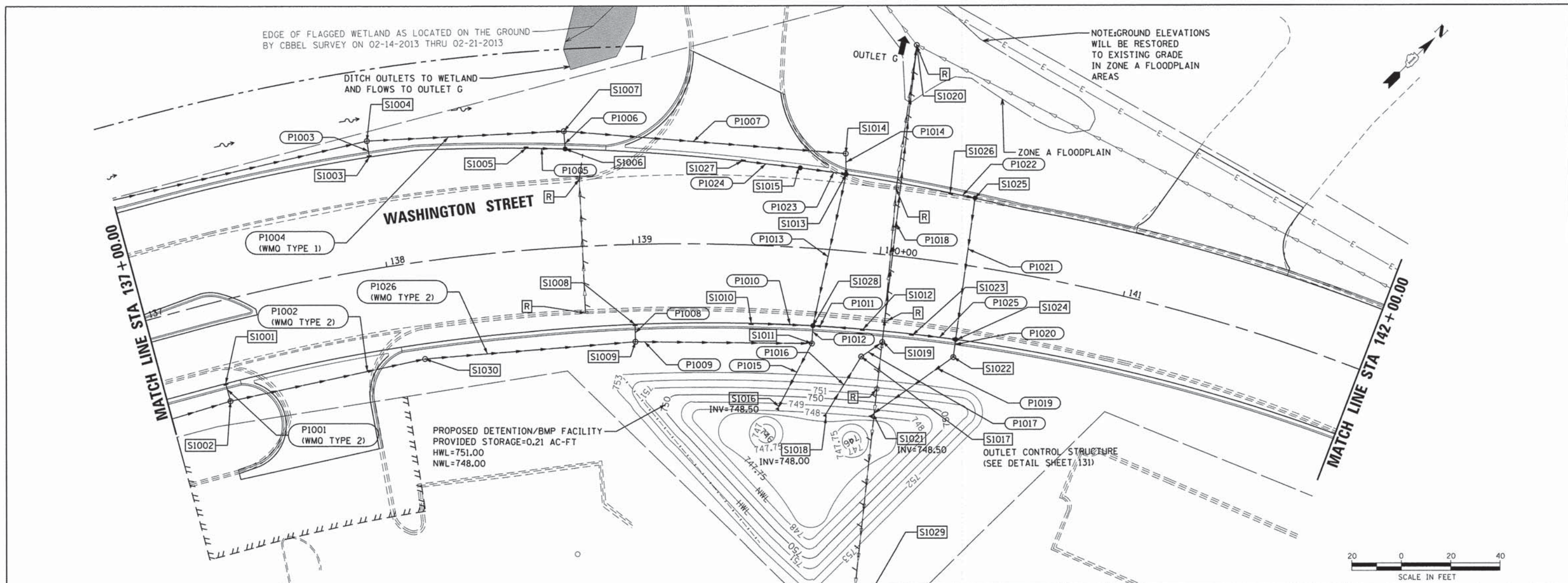
DRAINAGE PLAN AND PROFILE
 FABYAN PARKWAY/WASHINGTON STREET

SCALE: 1"=20'	SHEET NO. 4 OF 11 SHEETS	STA. 131+20.00 TO STA. 137+00.00	F.A.P. RTE. 347	SECTION 11-00210-04-CH	COUNTY DUPAGE	TOTAL SHEETS 304	SHEET NO. 122	CONTRACT NO. 63849
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PLAN	SURVEYED	DATE
NO.	BY	
NOTE BOOK	ALIGNED	
NO.	PLANNED	
	CHECKED	
	BY	
	DATE	
	FILE NAME	

PROFILE	SURVEYED	DATE
NO.	BY	
	ALIGNED	
	PLANNED	
	CHECKED	
	BY	
	DATE	
	FILE NAME	

COMPANY NAME: CHRISTOPHER B. BURKE ENGINEERING, LTD.
 PROJECT CONTACT: #1124876-5ht.drainpnr-f.05.dgn
 DATE PLOTTED: 8/18/14 8:42:32 AM
 FILE NAME: #1124876-5ht.drainpnr-f.05.dgn
 PLOT DRIVER: #PLT.DRV
 PEN TABLE: #PEN.TAB



137+00	137+50	138+00	138+50	139+00	139+50	140+00	140+50	141+00	141+50	142+00
754.15	754.04	754.76	754.44	754.14	753.98	753.92	754.06	754.09	754.03	754.22
754.66	754.55	754.25	753.95	753.65	753.40	753.42	753.60	753.71	754.11	754.31
754.94	754.45	754.65	754.44	754.34	754.08	753.92	754.06	754.09	754.11	754.31
754.85	754.35	754.15	753.95	753.85	753.55	753.46	753.60	753.91	754.21	754.41
754.76	754.25	754.05	753.95	753.85	753.55	753.46	753.60	753.91	754.21	754.41
754.65	754.15	754.05	753.95	753.85	753.55	753.46	753.60	753.91	754.21	754.41
754.54	754.05	754.00	753.95	753.85	753.55	753.46	753.60	753.91	754.21	754.41
754.44	753.95	753.90	753.85	753.75	753.48	753.42	753.60	753.91	754.21	754.41
754.34	753.85	753.80	753.75	753.65	753.38	753.42	753.60	753.91	754.21	754.41
754.23	753.75	753.70	753.65	753.55	753.30	753.42	753.60	753.91	754.21	754.41
754.14	753.65	753.60	753.55	753.45	753.28	753.42	753.60	753.91	754.21	754.41
754.08	753.55	753.50	753.45	753.35	753.22	753.42	753.60	753.91	754.21	754.41
754.03	753.46	753.40	753.35	753.25	753.18	753.42	753.60	753.91	754.21	754.41
753.98	753.40	753.35	753.30	753.20	753.15	753.42	753.60	753.91	754.21	754.41
753.95	753.39	753.34	753.29	753.19	753.14	753.42	753.60	753.91	754.21	754.41
753.92	753.42	753.37	753.32	753.22	753.17	753.42	753.60	753.91	754.21	754.41
753.99	753.50	753.45	753.40	753.30	753.25	753.42	753.60	753.91	754.21	754.41
754.06	753.60	753.55	753.50	753.40	753.35	753.42	753.60	753.91	754.21	754.41
754.09	753.71	753.66	753.61	753.51	753.46	753.42	753.60	753.91	754.21	754.41
754.02	753.81	753.76	753.71	753.61	753.56	753.42	753.60	753.91	754.21	754.41
753.96	753.91	753.86	753.81	753.71	753.66	753.42	753.60	753.91	754.21	754.41
753.99	754.01	753.96	753.91	753.81	753.76	753.42	753.60	753.91	754.21	754.41
754.03	754.11	754.06	754.01	753.91	753.86	753.42	753.60	753.91	754.21	754.41
754.11	754.21	754.16	754.11	754.01	753.96	753.42	753.60	753.91	754.21	754.41
754.22	754.31	754.26	754.21	754.11	754.06	753.42	753.60	753.91	754.21	754.41
754.31	754.41	754.36	754.31	754.21	754.16	753.42	753.60	753.91	754.21	754.41
754.31	754.41	754.36	754.31	754.21	754.16	753.42	753.60	753.91	754.21	754.41

USER NAME = eburke	DESIGNED - EMB	REVISED -
FILE NAME = D1124876-5ht.drainpnr-f.05.dgn	DRAWN - PM	REVISED -
PLOT SCALE = 20'	CHECKED - JOC	REVISED -
PLOT DATE = 8/18/14	DATE - 8/18/14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN AND PROFILE
WASHINGTON STREET

SCALE: 1"=20' SHEET NO. 5 OF 11 SHEETS STA. 137+00.00 TO STA. 142+00.00

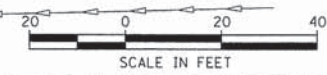
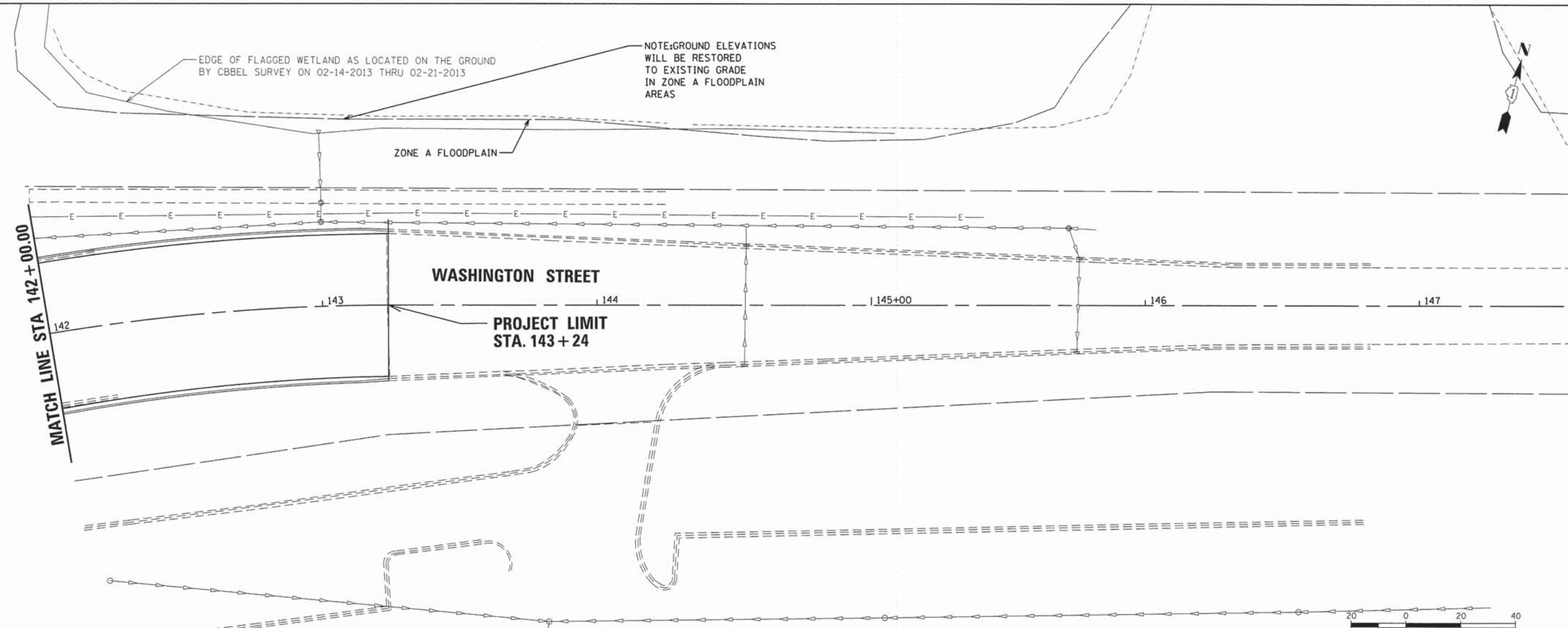
F.A.P. RTE. 347	SECTION 11-00210-04-CH	COUNTY DUPAGE	TOTAL SHEETS 304	SHEET NO. 123
CONTRACT NO. 63849				

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

PLAN		BY		DATE	
SURVEYED	NO.	BY		DATE	
ALIGNED					
NOTED					
CHECKED					
BY					
DATE					

PROFILE		BY		DATE	
SURVEYED	NO.	BY		DATE	
ALIGNED					
NOTED					
CHECKED					
BY					
DATE					

COMPANY NAME: CHRISTOPHER B. BURKE ENGINEERING, LTD.
 PROJECT CONTACT: EMBURKE@CBBE.COM
 CLIENT: ILLINOIS DEPARTMENT OF TRANSPORTATION
 DATE PLOTTED: 8/18/14 11:02:12 AM
 FILE NAME: D:\2014\11-00210-04-CH\11-00210-04-CH.dgn
 PLOT DRIVER: PLOTDRIVER.DWG
 PEN TABLE: PEN TABLE



STATION	EX GROUND	PR LEFT DITCH	PR PGL	PR RIGHT DITCH	ELEVATION
142+00	754.31				
142+50	754.41				
143+00	754.38				
143+50	754.52				
144+00	754.46				
144+50	754.62				
145+00	754.54				
145+50	754.68				
146+00	754.61				
146+50	754.70				
147+00	754.69				
147+50	754.68				
148+00	754.68				
148+50	754.61				
149+00	754.70				
149+50	754.61				
150+00	754.52				
150+50	754.41				
151+00	754.31				
151+50	754.21				
152+00	754.11				
152+50	754.01				
153+00	753.92				
153+50	753.83				
154+00	753.75				
154+50	753.68				
155+00	753.61				
155+50	753.61				
156+00	753.63				
156+50	753.68				
157+00	753.77				
157+50	753.87				
158+00					
158+50					
159+00					
159+50					
160+00					
160+50					
161+00					
161+50					
162+00					
162+50					
163+00					
163+50					
164+00					
164+50					
165+00					
165+50					
166+00					
166+50					
167+00					
167+50					

USER NAME = eburke	DESIGNED - EMB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE PLAN AND PROFILE WASHINGTON STREET		F.A.P. RTE. 347	SECTION 11-00210-04-CH	COUNTY DUPAGE	TOTAL SHEETS 304	SHEET NO. 124
FILE NAME = D:\2014\11-00210-04-CH\11-00210-04-CH.dgn	DRAWN - PM	REVISED -		SCALE: 1"=20'	SHEET NO. 6	OF 11 SHEETS	STA. 142+00.00 TO STA. 148+00.00		CONTRACT NO. 63849	
PLOT SCALE = 20'	CHECKED - JOC	REVISED -								
PLOT DATE = 8/18/14	DATE - 8/18/14	REVISED -								

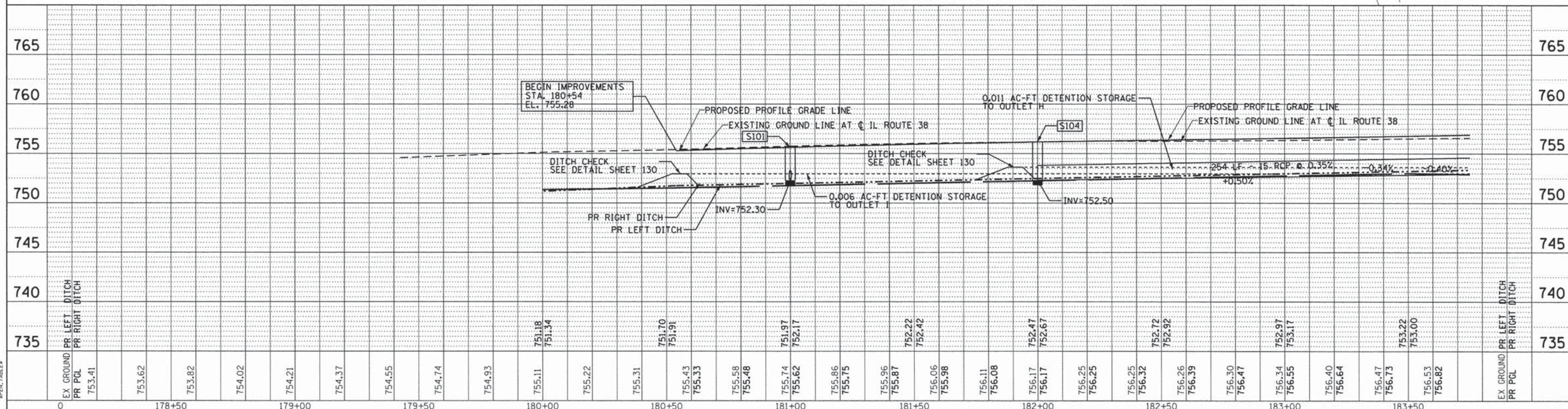
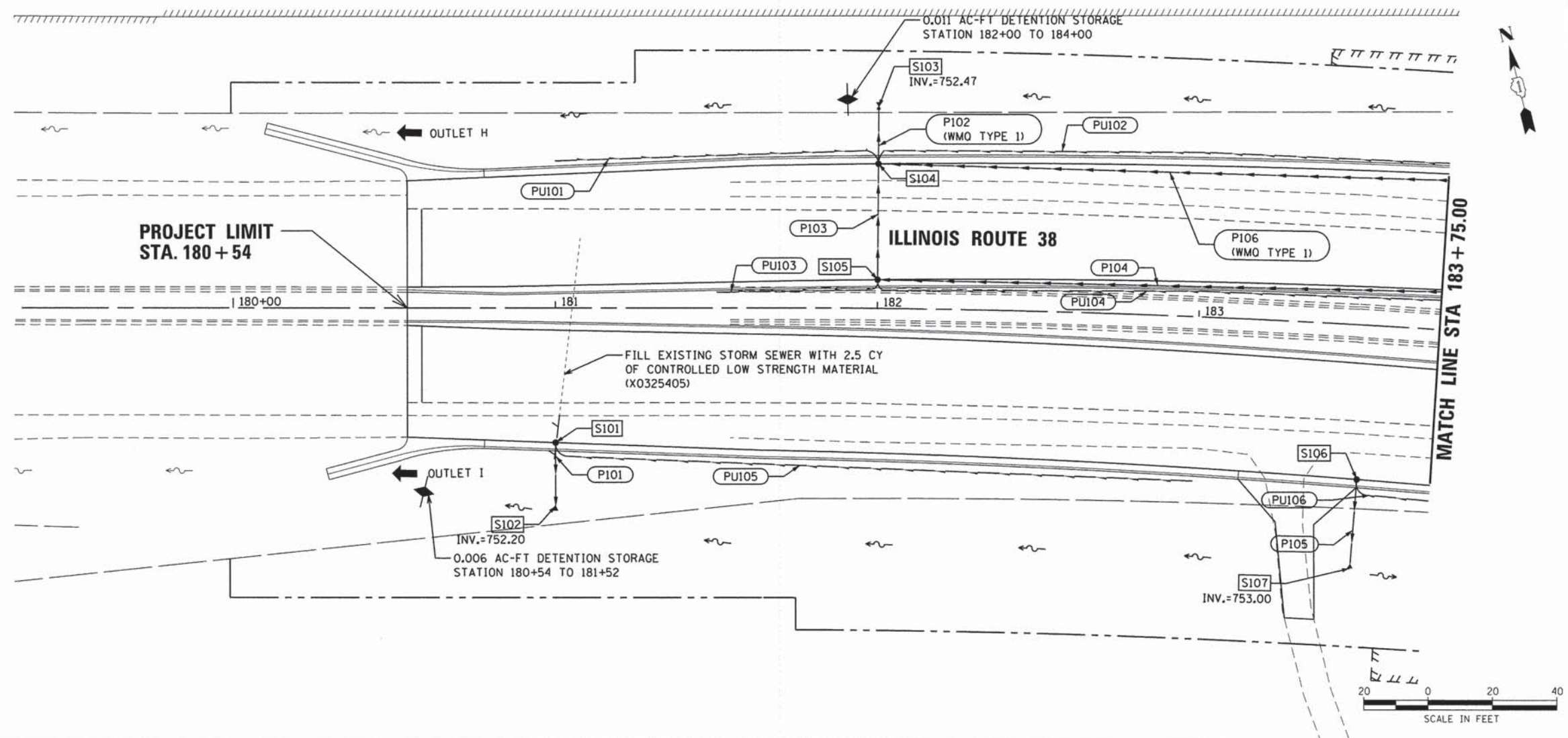
CHRISTOPHER B. BURKE ENGINEERING, LTD.
 2015 W. Higgins Road, Suite 400
 Naperville, IL 60563
 (630) 823-2300

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

PLAN	SURVEYED	BY	DATE
	ALIGNED		
	NOTED		
	RT. OF WAY CHECKED		
	CADD FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	BLK. NOTED		
	STRUCTURE NOTATIONS OK'D		
	NO.		

COMPANY NAME: CHRISTOPHER B. BURKE ENGINEERING LTD.
 PROJECT CONTACT: EMBURKE
 CLIENT: ILLINOIS DEPARTMENT OF TRANSPORTATION
 DATE PLOTTED: 8/18/14 8:42:40 AM
 FILE NAME: D:\24076_sht.drain\prf_07.dgn
 PLOT DRIVER: PLOTDRIVER
 PEN TABLE: PEN



0	178+50	179+00	179+50	180+00	180+50	181+00	181+50	182+00	182+50	183+00	183+50	EX GROUND PR PGL	PR LEFT DITCH	PR RIGHT DITCH	735																																
753.41	753.62	753.82	754.02	754.21	754.37	754.55	754.74	754.93	755.11	755.18	755.34	755.43	755.33	755.58	755.48	755.74	755.62	755.86	755.75	755.96	755.87	756.06	755.98	756.11	756.08	756.17	756.17	756.25	756.25	756.25	756.32	756.26	756.39	756.30	756.47	756.34	756.55	756.40	756.64	756.47	756.73	756.53	756.82	756.22	753.00	753.00	735

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN AND PROFILE
 ILL ROUTE 38

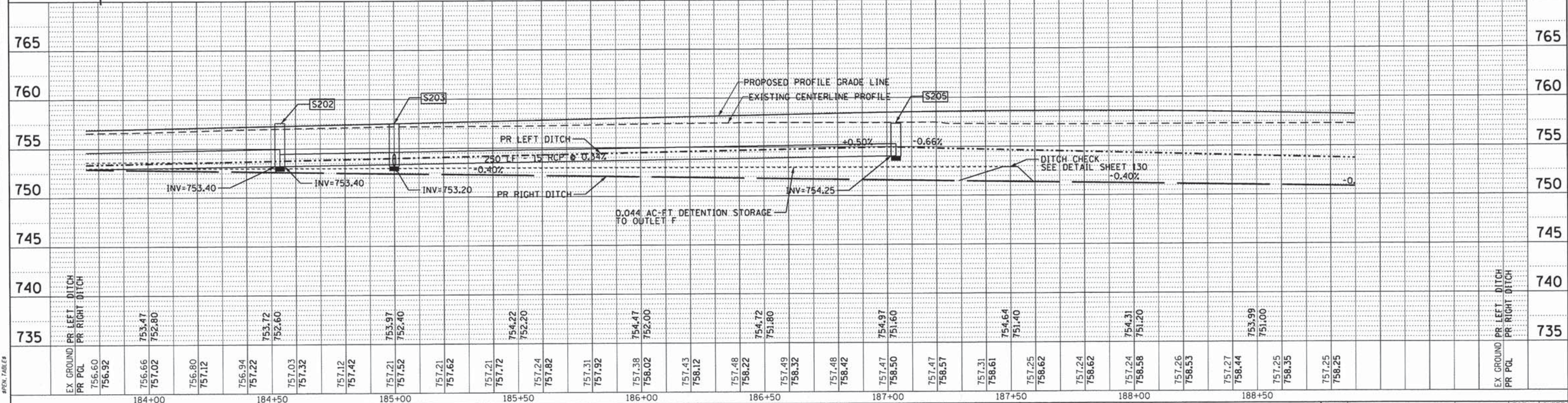
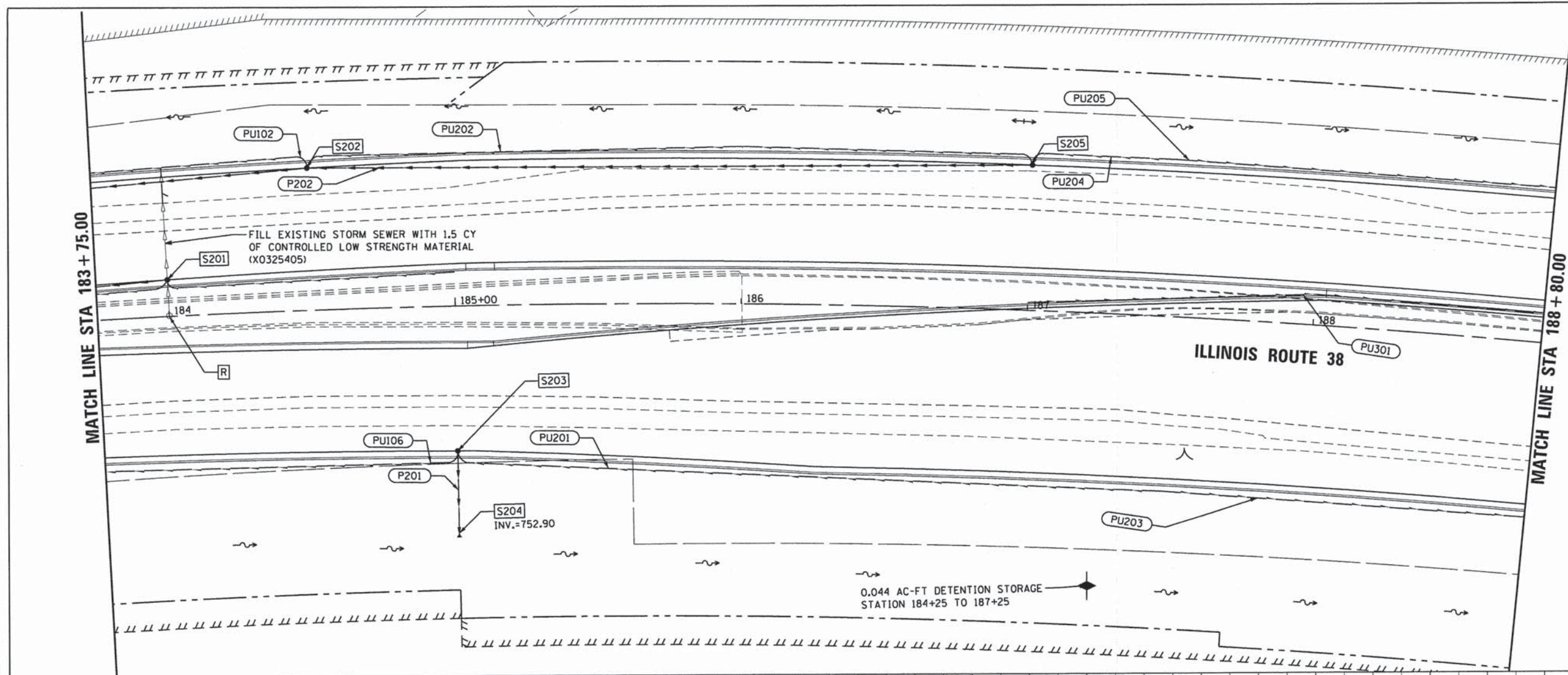
F.A.P. RTE. 347	SECTION 11-00210-04-CH	COUNTY DUPAGE	TOTAL SHEETS 304	SHEET NO. 125
CONTRACT NO. 63849				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SCALE: 1"=20' SHEET NO. 7 OF 11 SHEETS STA. 180+54.00 TO STA. 183+75.00

PLAN	SURVEYED	BY	DATE
	NOTED		
	CHECKED		
	FILED		
	NO.		

PROFILE	GRADES CHECKED	BY	DATE
	STRUCTURE NOTATIONS CHECKED		
	NO.		

COMPANY NAME: CHRISTOPHER B. BURKE ENGINEERING, LTD.
 PROJECT CONTACT: #PROJECT CONTACT#
 CLIENT: 8/18/14 10:15:58 PM
 FILE NAME: D1124076_sht_drainprf_08.dgn
 PLOT DRIVER: #PLOT DRIVER#
 PEN TABLE: #PEN TABLE#



STATION	EX. GROUND	PR. LEFT DITCH	PR. RIGHT DITCH
184+00	756.60	756.60	756.92
184+50	756.66	753.47	752.80
185+00	756.80	757.12	757.03
185+50	757.21	757.12	757.42
186+00	757.38	758.02	758.12
186+50	757.48	758.22	758.32
187+00	757.47	758.50	758.57
187+50	757.31	758.61	758.62
188+00	757.24	758.58	758.35
188+50	757.25	758.25	758.25

**DRAINAGE PLAN AND PROFILE
IL ROUTE 38**

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

USER NAME	= eburke	DESIGNED	- EMB	REVISED	-
FILE NAME	= D1124076_sht_drainprf_08.dgn	DRAWN	- PM	REVISED	-
PLOT SCALE	= 20'	CHECKED	- JOC	REVISED	-
PLOT DATE	= 8/18/14	DATE	- 8/18/14	REVISED	-

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	126
CONTRACT NO. 63849				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

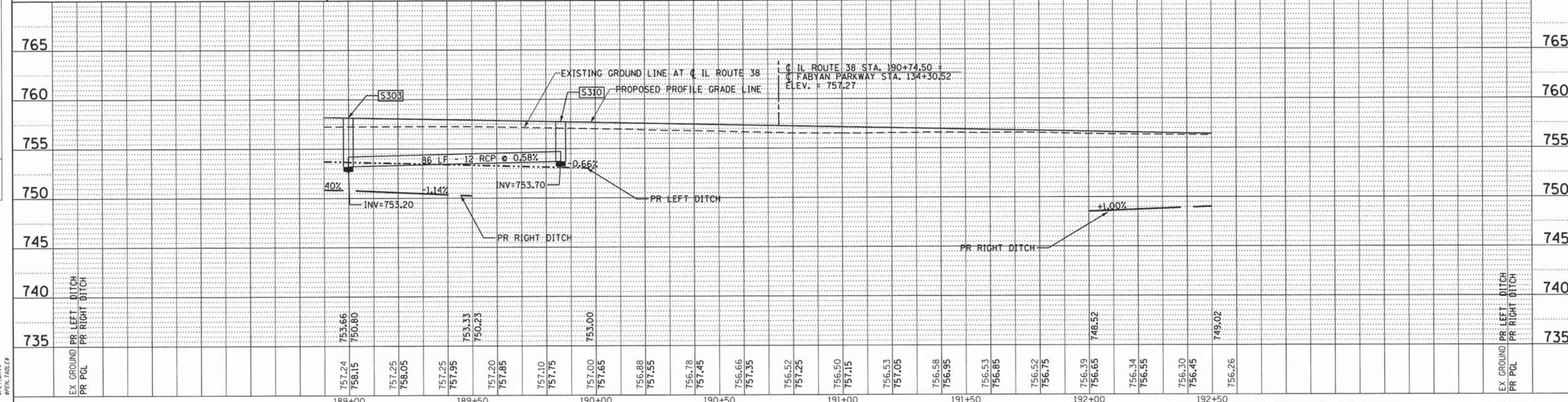
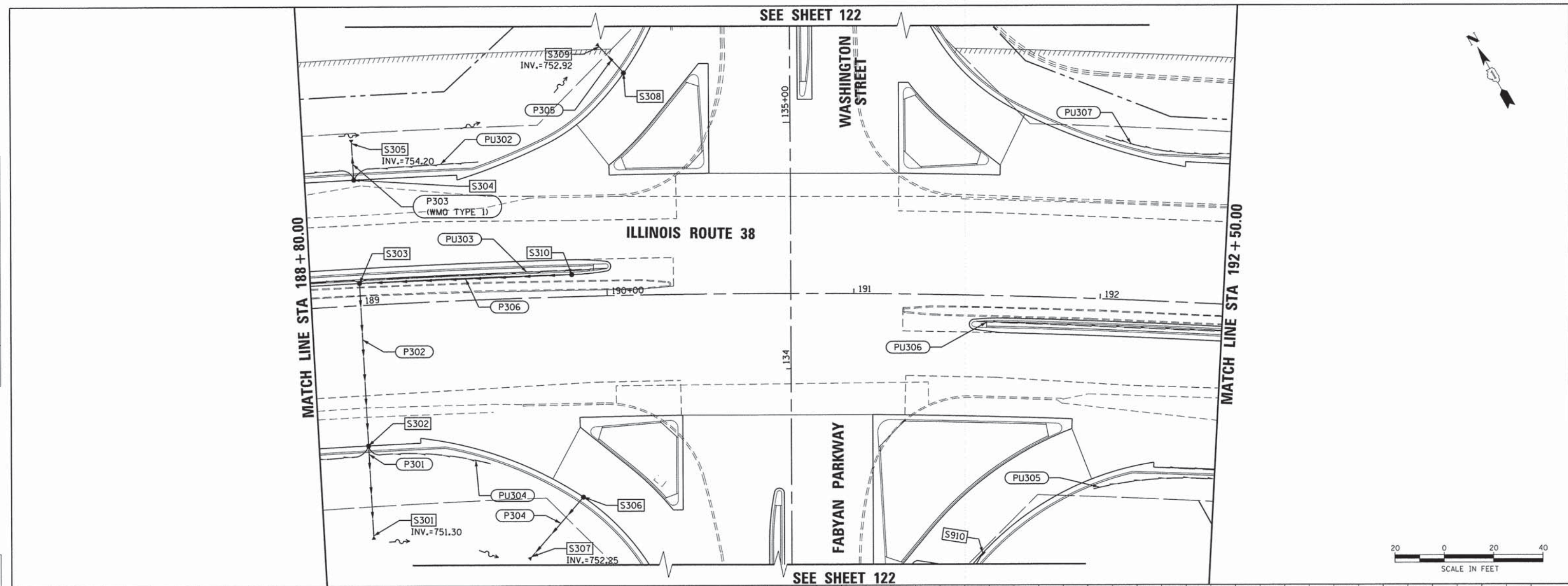


SCALE: 1"=20' SHEET NO. 8 OF 11 SHEETS STA. 183+75.00 TO STA. 188+80.00

PLAN	SUBMITTED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
	GRADES CHECKED	
	NOTE BOOK	
	NO.	
	CAD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	
	B.M. NOTED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK	
	NO.	
	FILE NAME	
	NO.	

COMPANY NAME: CHRISTOPHER B. BURKE ENGINEERING, LTD.
 PROJECT CONTACT: #PROJECT CONTACT#
 CLIENT: #CLIENT#
 DATE PLOTTED: 8/18/14 12:20:10 PM
 FILE NAME: D:\24076_sht_drain\prf_09.dgn
 PLOT DRIVER: #PLOT DRIVER#
 PEN TABLE: #PEN TABLE#

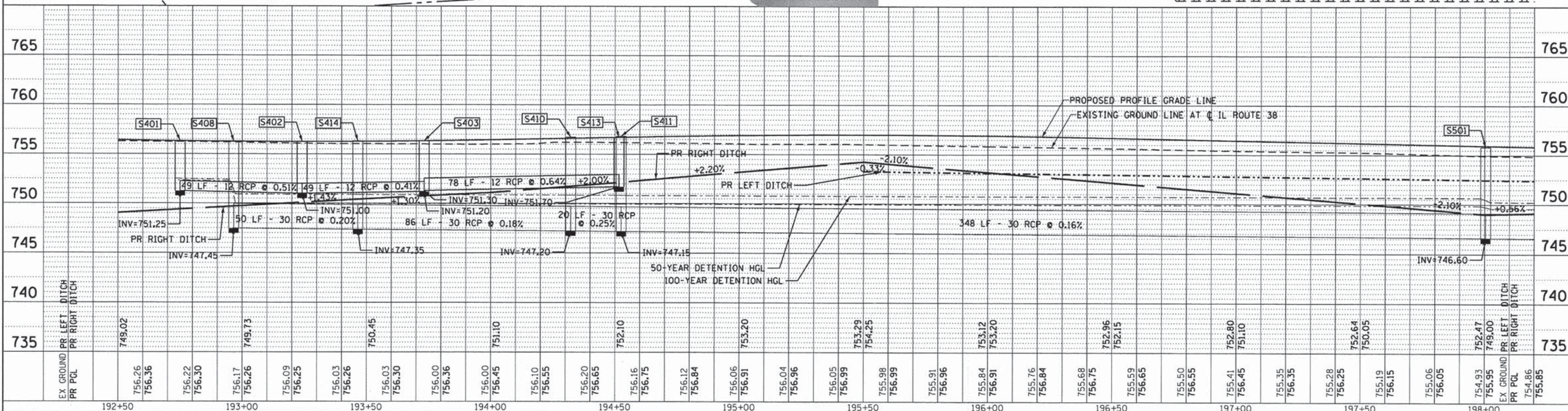
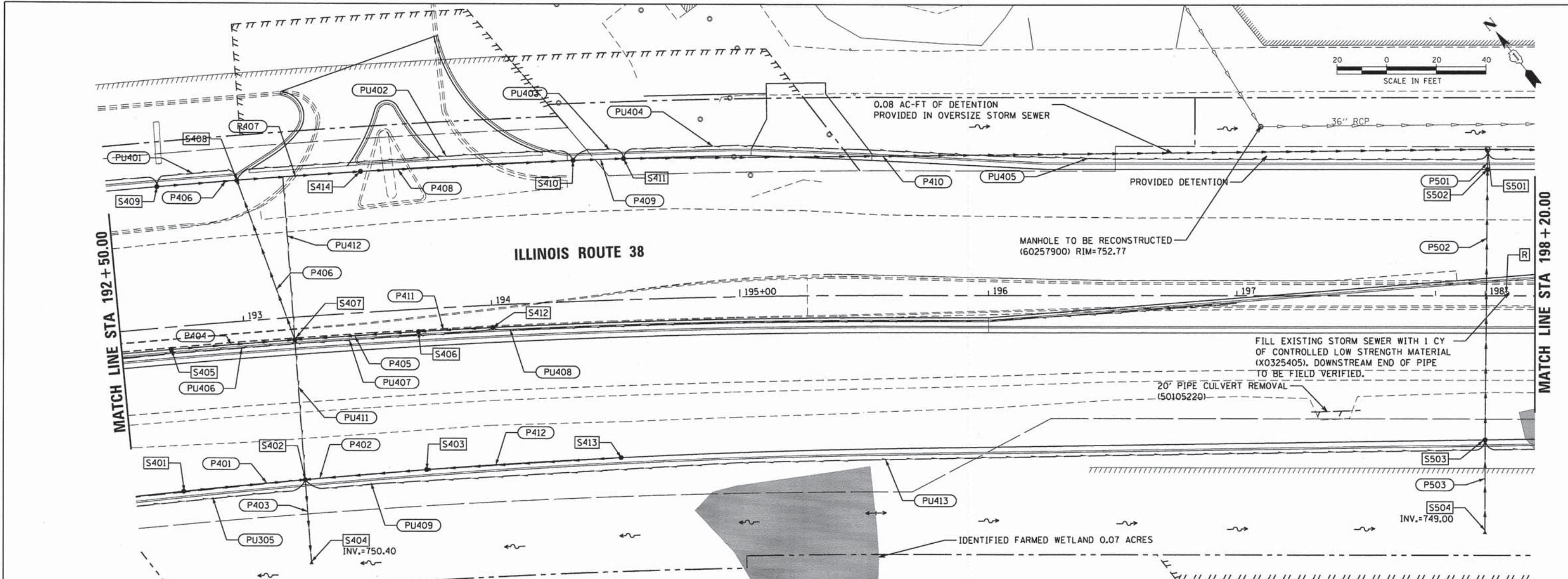


189+00	DESIGNED - EMB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE PLAN AND PROFILE IL ROUTE 38	SCALE: 1"=20' SHEET NO. 9 OF 11 SHEETS STA. 188+80.00 TO STA. 192+50.00	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
189+50	CHECKED - JOC	REVISED -				347	11-00210-04-CH	DUPAGE	304	127
190+00	DATE - 8/18/14	REVISED -				CONTRACT NO. 63849				
190+50						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PLAN
 SUBMITTED BY: _____
 CHECKED BY: _____
 DATE: _____
 NOTE: THIS DRAWING IS THE PROPERTY OF CHRISTOPHER B. BURKE ENGINEERING, LTD. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF CHRISTOPHER B. BURKE ENGINEERING, LTD.

PROFILE
 SUBMITTED BY: _____
 CHECKED BY: _____
 DATE: _____
 NOTE: THIS DRAWING IS THE PROPERTY OF CHRISTOPHER B. BURKE ENGINEERING, LTD. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF CHRISTOPHER B. BURKE ENGINEERING, LTD.

COMPANY NAME: CHRISTOPHER B. BURKE ENGINEERING, LTD.
 PROJECT CONTACT: _____
 CLIENT: _____
 DATE PLOTTED: 8/18/14 10:06:06 PM
 FILE NAME: D:\124076.sht.drainplan.r.f.10.dgn
 PLOT ORIENT: _____
 PLOT SCALE: _____
 PLOT TABLE: _____



STATION	EX. GROUND	PR. GCL	PR. LEFT DITCH	PR. RIGHT DITCH	INVERT	PIPE	SLOPE	LENGTH	DIAMETER
192+50	756.26	756.36			749.02				
193+00	756.22	756.30			749.73				
193+50	756.03	756.26			750.45				
194+00	756.00	756.36			751.10				
194+50	756.16	756.75			752.10				
195+00	756.12	756.84			753.20				
195+50	756.05	756.99			753.29				
196+00	755.84	756.91			753.20				
196+50	755.76	756.84			752.96				
197+00	755.50	756.55			752.15				
197+50	755.28	756.25			750.05				
198+00	754.93	755.95			752.47				

USER NAME = eburke
 DESIGNED = EMB
 REVISIONS: _____
 FILE NAME = D:\124076.sht.drainplan.r.f.10.dgn
 DRAWN = PM
 REVISIONS: _____
 PLOT SCALE = 20'
 CHECKED = JOC
 REVISIONS: _____
 PLOT DATE = 8/18/14
 DATE = 8/18/14
 REVISIONS: _____

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN AND PROFILE
 IL ROUTE 38

SCALE: 1"=20'
 SHEET NO. 10 OF 11 SHEETS
 STA. 192+50.00 TO STA. 198+20.00

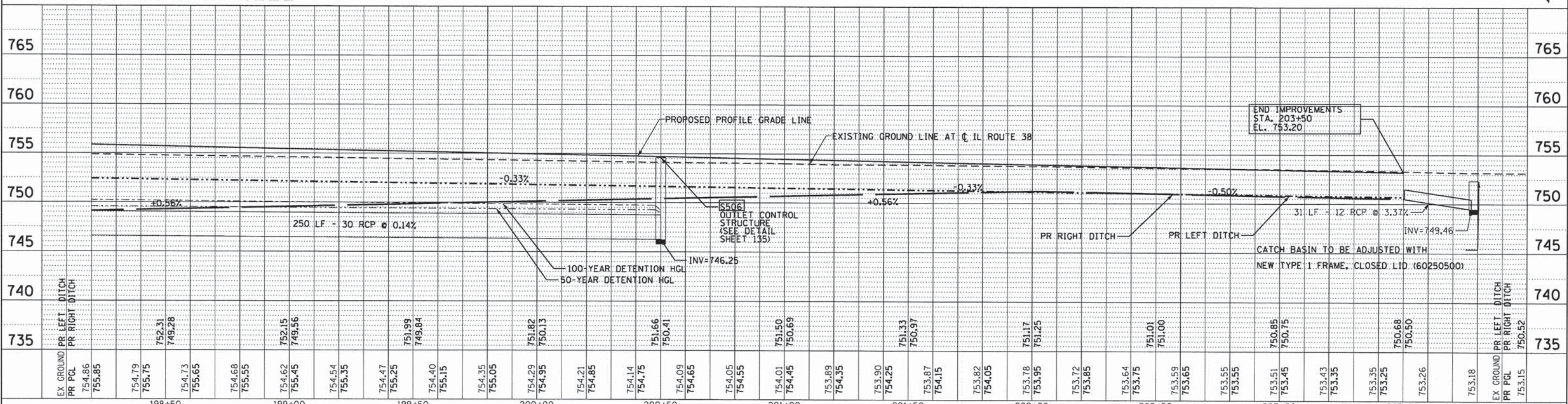
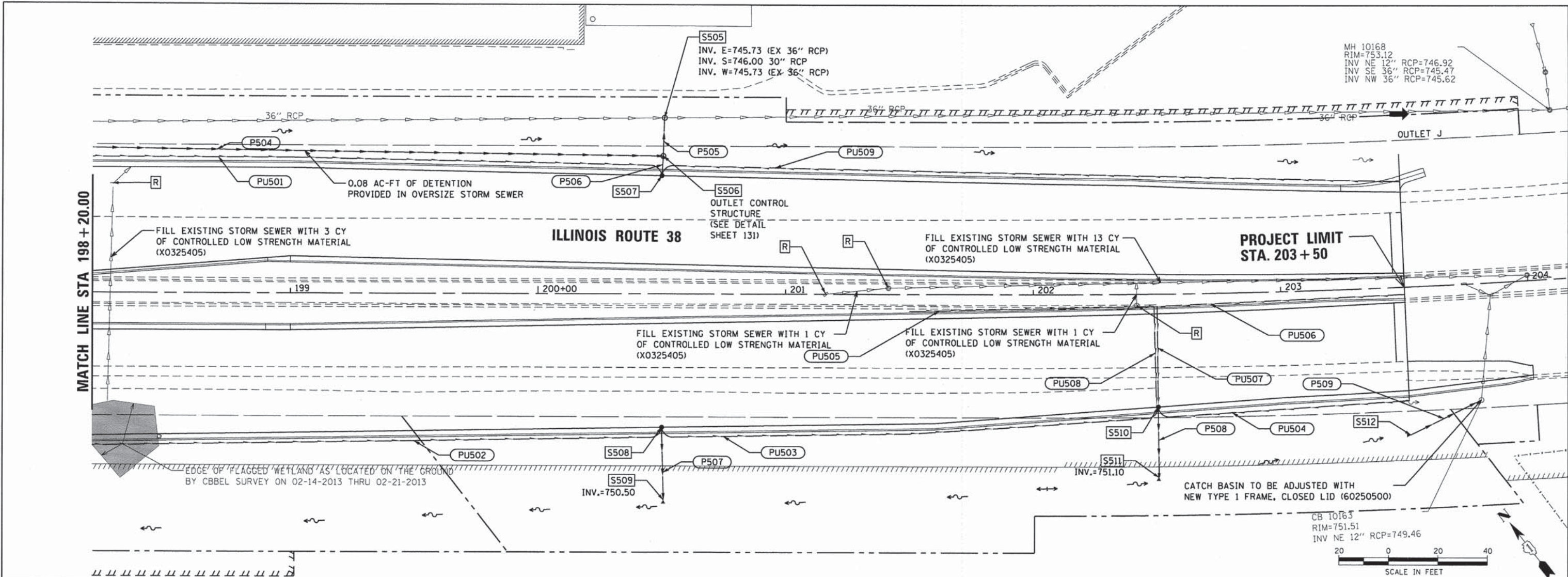
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	128

CONTRACT NO. 63849
 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

DATE BY
 CHECKED BY
 DATE PLOTTED
 FILE NAME
 PLOT SCALE
 PLOT ORIGIN
 PEN TABLE

DATE BY
 CHECKED BY
 DATE PLOTTED
 FILE NAME
 PLOT SCALE
 PLOT ORIGIN
 PEN TABLE

COMPANY NAME: CHRISTOPHER B. BURKE ENGINEERING LTD.
 PROJECT CONTACT: #PROJECT CONTACTS
 CLIENT: #CLIENTS
 DATE PLOTTED: 8/18/14 10:00:09 PM
 FILE NAME: D:\2016_sht.dwg
 PLOT ORIGIN: #PLOT ORIGIN
 PEN TABLE: #PEN TABLE



EX GROUND		PR LEFT DITCH	PR RIGHT DITCH	STATION	PROPOSED PROFILE GRADE LINE	EXISTING GROUND LINE AT IL ROUTE 38	STATION	EX GROUND	PR LEFT DITCH	PR RIGHT DITCH
765	765			198+50			198+50	765		
760	760			199+00			199+00	760		
755	755			199+50			199+50	755		
750	750			200+00			200+00	750		
745	745			200+50			200+50	745		
740	740			201+00			201+00	740		
735	735			201+50			201+50	735		
				202+00			202+00			
				202+50			202+50			
				203+00			203+00			
				203+50			203+50			
				204+00			204+00			

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN AND PROFILE
 IL ROUTE 38

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	129

SCALE: 1"=20' SHEET NO. 11 OF 11 SHEETS STA. 198+20.00 TO STA. 203+50.00

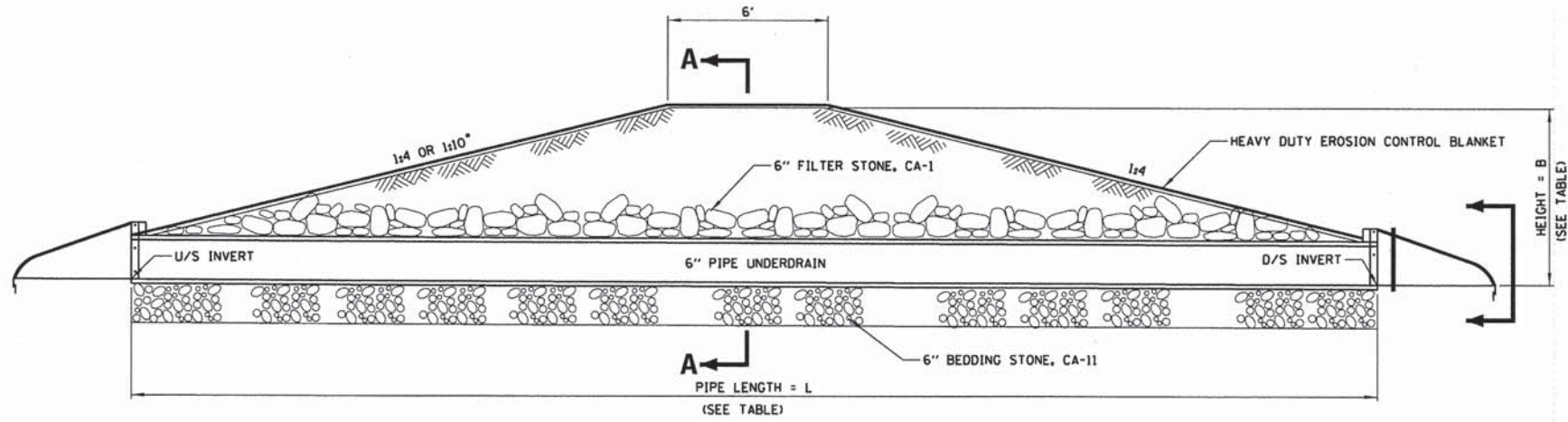
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

USER NAME = eburke	DESIGNED - EMB	REVISED -
FILE NAME = D:\124076_sht.dwg\inprf_11.dwg	DRAWN - PM	REVISED -
PLOT SCALE = 2"	CHECKED - JOC	REVISED -
PLOT DATE = 8/18/14	DATE = 8/18/14	REVISED -

DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	

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DATE	
BY	
REVISIONS	
NO.	

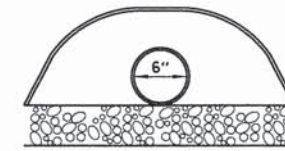
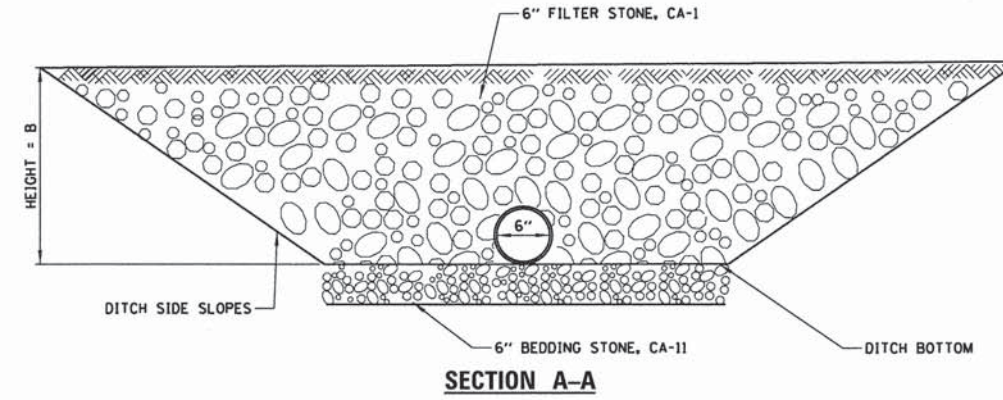
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 C:\Program Files\AutoCAD\Acad\p1.tlb



Permanent Ditch Check Schedule (Paid for as X6011705 PIPE DRAINS 6" (SPECIAL))						
Location	STATION	OFFSET	U/S INVERT	D/S INVERT	L-Feet	Ditch Check Height-B (ft)
IL-38	180+55.31	56.17 RT	752.03	751.94	13.00	1
IL-38	181+90.46	64.86 LT	752.50	752.04	13.00	1
IL-38	187+25	96+03 RT	751.55	751.45	20.00	1.5
Fabyan	117+59.56	46.40 RT	743.66	743.57	27.00	2
Fabyan	123+96.70	55.54 RT	745.54	745.48	13.00	1

Note 1. Station and Offset taken from center of ditch check.

* SLOPE OF 1:4 WHEN SHIELDED BEHIND GUARDRAIL.
 * SLOPE OF 1:10 TOWARD TRAFFIC WHEN UNSHIELDED.



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

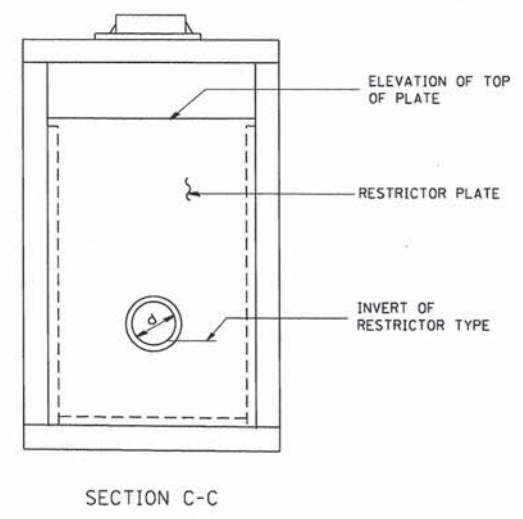
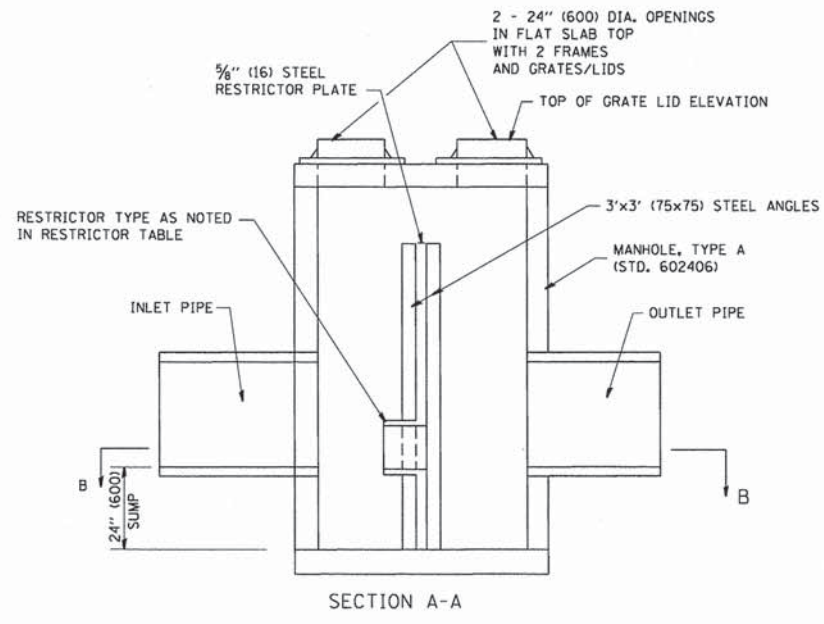
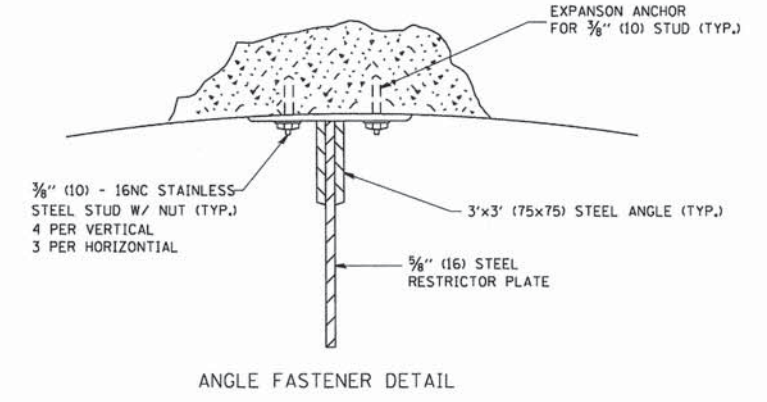
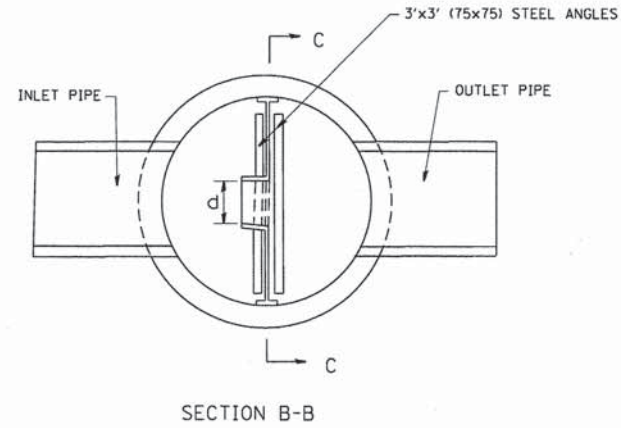
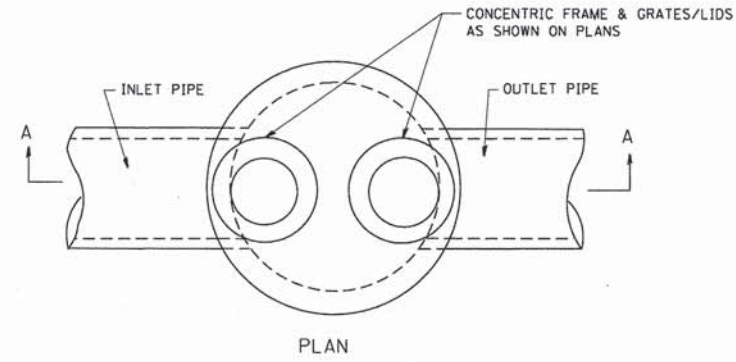
DITCH CHECK DETAILS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	130
CONTRACT NO. 63849				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

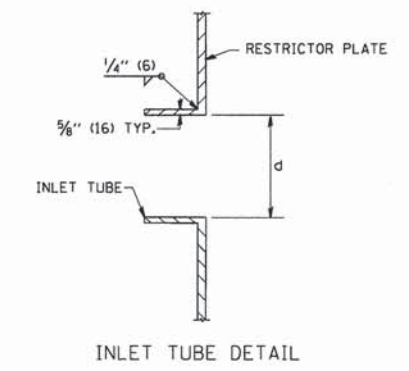
SCALE: NTS SHEET NO. 1 OF 1 SHEETS STA. _____ TO STA. _____

USER NAME = eburke	DESIGNED - EMB	REVISED -
FILE NAME = D1124876_sht_ditchcheckdetail.dgn	DRAWN - MYG	REVISED -
PLOT SCALE = 1"	CHECKED - JOC	REVISED -
PLOT DATE = 8/18/14	DATE - 8/18/14	REVISED -

CHRISTOPHER B. BURKE ENGINEERING, LTD.
 8775 W. Higgins Road, Suite 800
 Rosemont, Illinois 60018
 (847) 823-0300

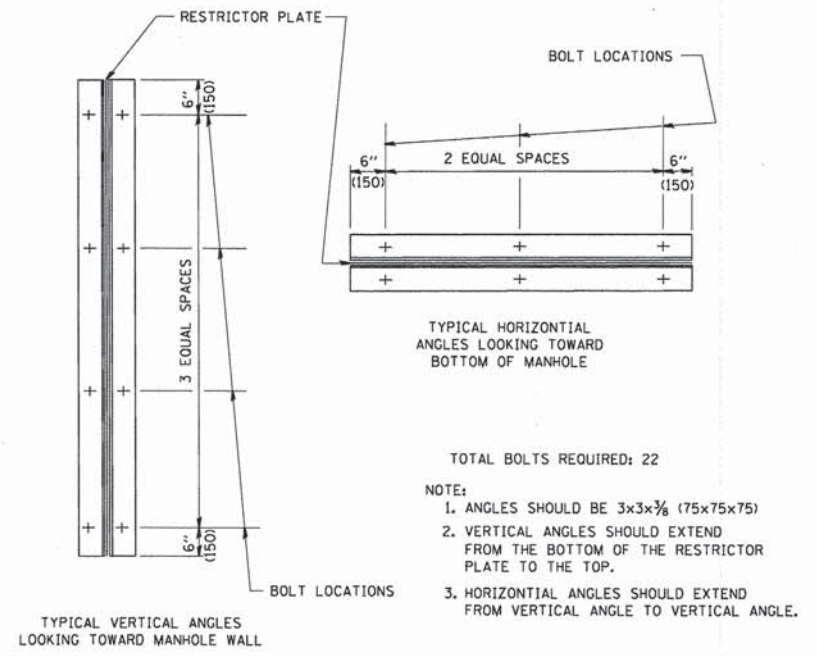


- NOTES:
1. ALL STEEL ANGLES AND PLATES TO BE GALVANIZED AFTER FABRICATION.
 2. ALL RESTRICTOR PLATES, ANGLES AND HARDWARE TO BE INCLUDED IN THE COST OF THE MANHOLE.
 3. BASIS OF PAYMENT: "MANHOLES, TYPE A, 6 FT. (1.8 m)-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE" EACH



STATION	MANHOLE DIAMETER	FRAME AND GRATE	RESTRICTOR TYPE	INSIDE RESTRICTOR TYPE DIAMETER in. (mm) (d)	INVERT OF RESTRICTOR TYPE	ELEVATION OF TOP OF PLATE OVERFLOW
200+50.5 56.00 LT	6'	Type 1 Frame, CL	Type 2 or 3	23" (584.2)	746.00	750.00
139+96.4 42.08 RT ¹	6'	Type 1 Frame, CL	Type 2 or 3	4.57" (166.08)	747.95	750.50
139+96.4 42.08 RT ¹	6'	Type 1 Frame, CL	Type 2 or 3	4.77" (119.81)	749.10	750.50

Notes:
1. The manhole at Station 139+96.4 42.8 RT will have two orifices in the restrictor plate, one for the 100-year flow and another for the 2-year flow, as listed above.



- TOTAL BOLTS REQUIRED: 22
- NOTE:
1. ANGLES SHOULD BE 3x3x3/8 (75x75x75)
 2. VERTICAL ANGLES SHOULD EXTEND FROM THE BOTTOM OF THE RESTRICTOR PLATE TO THE TOP.
 3. HORIZONTAL ANGLES SHOULD EXTEND FROM VERTICAL ANGLE TO VERTICAL ANGLE.

RESTRICTOR TYPE					
1	2	3	4	5	6
RE-ENTRANT TUBE	SHARP EDGED	SQUARE EDGED	RE-ENTRANT TUBE	SQUARE EDGED	ROUNDED
LENGTH: 1/2 TO 1 DIA.		STREAM CLEARS SIDES	LENGTH: 2-1/2 DIA.	LENGTH: 2-1/2 DIA.	
C=.52	C=.61	C=.61	C=.73	C=.82	C=.98

VALUES OF "C" FOR CIRCULAR AND SQUARE ORIFICES

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = W:\diststd\22x34\bd12.dgn	USER NAME = geglionobt	DESIGNED - R. SHAH	REVISED - R. SHAH 10-25-94
		DRAWN -	REVISED - E. GOMEZ 08-28-00
	PLOT SCALE = 5/8" = 1" / IN.	CHECKED -	REVISED - M. GOMEZ 01-08-01
	PLOT DATE = 1/4/2008	DATE - 09-09-94	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MANHOLE WITH
RESTRICTOR PLATE

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE. 347	SECTION 11-00210-04-CH	COUNTY DUPAGE	TOTAL SHEETS 304	SHEET NO. 131
BD600-04 (BD-12)		CONTRACT NO. 63849		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

UTILITY GENERAL NOTES

NOTE: INDICATES INCIDENTAL ITEMS OF WORK.

1. CONTRACTOR SHALL FIELD VERIFY AND PERFORM INVESTIGATORY EXCAVATIONS TO DETERMINE THE LOCATION OF UTILITIES IN THE VICINITY OF THE PROPOSED UTILITY WORK. WORK SHALL BE PAID AS EXPLORATION TRENCH, SPECIAL. ENGINEER SHALL APPROVE LOCATIONS BEFORE WORK BEGINS.
2. FIELD VERIFY LOCATION AND ELEVATIONS OF EXISTING UTILITIES, WATER MAINS, AND SANITARY SEWER FORCE MAIN AT PROPOSED CONNECTION LOCATIONS. APPROXIMATE LOCATION SHOWN IN PLAN ONLY, NOT IN PROFILE. CONTRACTOR SHALL DETERMINE THE LOCATION OF THE CONNECTION POINTS AND PROVIDE THE ENGINEER, DUPAGE COUNTY, AND CITY OF WEST CHICAGO WITH DRAWINGS INDICATING SURVEY COORDINATES OF LOCATIONS AND ELEVATIONS OF EXISTING MAINS. UPDATE NEW PIPE PROFILE AND LENGTHS AS NECESSARY TO COMPLETE CONNECTIONS WITH THE EXISTING MAINS. INVESTIGATORY EXCAVATIONS SHALL BE PAID AS EXPLORATION TRENCH, SPECIAL. ALL OTHER WORK AS DESCRIBED SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE OF THE WATER MAIN OR SANITARY SEWER PIPE PAY ITEMS.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR REQUESTING UTILITY COMPANIES TO LOCATE THEIR FACILITIES IN THE PROJECT AREA PRIOR TO CONSTRUCTION AND FOR THE PRESERVATION OF THESE FACILITIES. THE CONTRACTOR SHALL CALL J.U.L.I.E AT 800-892-0123 FOR UNDERGROUND UTILITY LOCATION SERVICES.
4. CONTRACTOR SHALL PROTECT AND PROVIDE TEMPORARY SUPPORT AS REQUIRED TO KEEP EXISTING UTILITIES IN SERVICE WHILE PROPOSED WORK IS PERFORMED. THE COST OF THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE OF THE PROPOSED WORK ITEM.
5. CONTRACTOR SHALL COORDINATE ALL REQUIRED SHUTDOWNS AND THEIR DURATIONS WITH DUPAGE COUNTY AND THE CITY OF WEST CHICAGO. ALL CONNECTIONS BETWEEN THE EXISTING MAIN AND THE NEW MAIN SHALL BE COMPLETED WITHOUT SHUTDOWN OF THE EXISTING MAINS. CONTRACTOR SHALL STAGE PIPE LAYING AND CONNECTION WORK SUCH THAT THERE ARE NO SHUTDOWNS UNTIL AFTER THE PROPOSED WATER MAINS HAVE BEEN PLACED INTO SERVICE. THE ONLY TIME SHUTDOWNS ARE PERMITTED IS WHEN CUTTING AND CAPPING EXISTING MAINS.
6. LOCATE ISOLATION VALVES ALONG EXISTING WATER MAIN. COORDINATE WITH DUPAGE COUNTY AND CITY OF WEST CHICAGO TO EXERCISE VALVES TO DEMONSTRATE THEIR OPERABILITY. IN THE EVENT OF INOPERABLE VALVES, COORDINATE WITH DUPAGE COUNTY AND CITY OF WEST CHICAGO TO LOCATE THE NEXT AVAILABLE OPERABLE VALVE(S) FROM THE PLANNED CONNECTIONS BETWEEN EXISTING WATER MAIN AND NEW PIPE ALIGNMENT. LOCATION OF OPERABLE VALVES IS FOR EMERGENCY SHUT OFF ONLY. CONNECTIONS TO EXISTING WATER MAIN SHALL BE HOT TAPPED.
7. ONLY CITY PERSONNEL MAY OPERATE VALVES. CONTRACTOR SHALL PROVIDE MINIMUM 48 HOURS ADVANCED NOTICE FOR VALVE OPERATION REQUESTS TO THE PUBLIC WORKS DEPARTMENT AT 630-293-2255.
8. CONTRACTOR SHALL PROTECT AND MAINTAIN HORIZONTAL AND VERTICAL SEPARATION BETWEEN THE PROPOSED WATER MAIN AND ANY EXISTING OR PROPOSED SEWERS, FORCE MAINS, SEPTIC TANKS, AND APPURTENANCES IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS, LATEST EDITION.
9. ABBREVIATIONS AND TERMS USED ON UTILITY DRAWINGS:
 DIA - DIAMETER
 DIP - DUCTILE IRON PIPE
 EX - EXISTING
 GV - GATE VALVE (RESILIENT WEDGE)
 MJ - MECHANICAL JOINT
 PE - POLYETHYLENE
 VV - VALVE VAULT
 ENGINEER - RESIDENT ENGINEER
10. ALL SHOP DRAWINGS SHALL BE DISTRIBUTED TO THE CITY AND ENGINEER FOR REVIEW.
11. CONTRACTOR SHALL KEEP NEAT AND LEGIBLE NOTES OF MEASUREMENTS AND CALCULATIONS MADE FOR LAYING OUT THE WORK. PROVIDE COPIES OF DATA TO THE CITY AND ENGINEER FOR CHECKING OF CONTRACTOR'S LAYOUT AND FOR AS-BUILT RECORDS.
12. PRIOR TO COMMENCING ANY WORK, CONTRACTOR AND THEIR SUBCONTRACTORS SHALL SCHEDULE AND FACILITATE A PRE-CONSTRUCTION MEETING WITH DUPAGE COUNTY, CITY OF WEST CHICAGO, AND ENGINEER. CONTRACTOR SHALL PROPOSE THREE (3) DATES TO HOLD THE PRE-CONSTRUCTION MEETING. DUPAGE COUNTY AND CITY OF WEST CHICAGO WILL COORDINATE WITH THE ENGINEER TO SCHEDULE THE MEETING AROUND THE CONTRACTOR'S AVAILABILITY. ENGINEER SHALL PROVIDE AN AGENDA AND DISTRIBUTE MINUTES WITHIN ONE WEEK OF MEETING.

13. CONTRACTOR SHALL CONSTRUCT ALL TEMPORARY OR PERMANENT GATES, ACCESS, DRAINAGE CROSSINGS, ETC. AS REQUIRED TO COMPLETE THE WORK. WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE OF THE WATER MAIN OR SANITARY SEWER FORCE MAIN PIPE PAY ITEMS.
14. CONSTRUCT NEW MAIN ALIGNMENT BETWEEN RESPECTIVE CONNECTION POINTS OF EXISTING WATER MAIN. FIELD ADJUST EXTENTS OF NEW PIPE ACCOUNTING FOR ACTUAL INSTALLED PIPE LENGTH AND ACTUAL LENGTHS NEEDED FOR MAKING CONNECTIONS PER DETAILS.
15. ALL WATER MAIN FITTINGS SHALL BE RESTRAINED BY THRUST BLOCKS AS DETAILED IN THE PLANS.
16. PRIOR TO ANY TIE-INS, CONTRACTOR SHALL CONSTRUCT NEW WATER MAIN ALIGNMENT SECTIONS BETWEEN NEW TAPPING VALVES, PRESSURE TEST AND DISINFECT EACH SEGMENT AS REQUIRED IN THE SPECIAL PROVISIONS.
17. HYDROSTATIC TESTING: FILL THE PROPOSED PIPING USING THE PROPOSED PRESSURE CONNECTIONS AND CONDUCT HYDROSTATIC TESTING PER THE SPECIAL PROVISIONS.
18. DISINFECTION: DISINFECT EXTENTS OF NEW WATER MAIN PER SPECIAL PROVISIONS AND AWWA C651 IN PREPARATION FOR COMPLETING CONNECTIONS/TIE-INS WITH EXISTING WATER MAIN.
19. NEW FIRE HYDRANTS SHALL BE COVERED WITH BLACK PLASTIC BAGS AND TAPED AROUND THE BASE AFTER INSTALLATION UNTIL THE NEW WATER MAIN IS IN SERVICE.
20. UPON SUCCESSFUL COMPLETION OF HYDROSTATIC TESTING AND DISINFECTION, NEW WATER MAIN SHALL ONLY BE PLACED IN SERVICE AFTER RECEIVING APPROVAL FROM THE CITY. TRANSFER OF SERVICES SHALL BE PERFORMED AFTER THE NEW WATER MAINS ARE IN SERVICE AND BEFORE THE EXISTING WATER MAINS ARE ABANDONED.
21. CONNECTION/TIE-IN SHUTDOWN FOR WATER MAIN:
 - A. SUBMIT WRITTEN REQUEST A MINIMUM OF 48 HOURS IN ADVANCE OF THE PLANNED SHUTDOWN OF THE EXISTING WATER MAIN FOR CUTTING/CAPPING AND ABANDONMENT WORK. PROVIDE WRITTEN NOTICE TO DUPAGE COUNTY, CITY OF WEST CHICAGO, AND ENGINEER SUMMARIZING THE PLANNED DATES FOR SHUTTING DOWN AND ABANDONING THE EXISTING WATER MAINS AND PROVIDING SUFFICIENT DETAIL OF PLANNED ACTIVITIES, MILESTONES AND DURATION(S) FOR COMPLETING THIS WORK.
 - B. COMPLETE ABANDONMENT OF EXISTING WATER MAIN AND APPURTENANCES UPON PLACING NEW WATER MAIN IN SERVICE AND TRANSFERRING WATER SERVICES.
 - C. ISOLATE EXISTING WATER MAIN ALONG EXTENTS REQUIRED TO COMPLETE ABANDONMENT WORK. DEWATER, PLUG AND PUMP CLSM INTO EXISTING WATER MAIN AS SPECIFIED AND TO THE EXTENTS INDICATED ON THE DRAWINGS.
22. CONNECTION/TIE-IN SHUTDOWN FOR SANITARY SEWER FORCE MAIN:
 - A. CONTRACTOR SHALL ISSUE A WRITTEN REQUEST A MINIMUM OF 48 HOURS IN ADVANCE OF THE PLANNED SHUTDOWN OF THE EXISTING SANITARY SEWER FORCE MAIN FOR CONNECTION TO EXISTING AND ABANDONMENT WORK. PROVIDE WRITTEN NOTICE TO DUPAGE COUNTY, CITY OF WEST CHICAGO, AND ENGINEER SUMMARIZING THE PLANNED DATE FOR SHUT DOWN. BOTH CONNECTIONS TO THE EXISTING FORCE MAIN SHALL OCCUR BETWEEN 12 A.M. AND 4 A.M., OR TIMEFRAME DEEMED ACCEPTABLE BY THE CITY AND COUNTY.
 - B. THE NEW SANITARY SEWER FORCE MAIN SHALL BE PRESSURE TESTED AND ACCEPTED BY THE ENGINEER PRIOR TO MAKING THE CONNECTIONS TO EXISTING.
 - C. COMPLETE ABANDONMENT OF EXISTING SANITARY SEWER FORCE MAIN UPON PLACING THE NEW FORCE MAIN IN SERVICE.
23. THE CONTRACTOR SHALL MAKE ALL NECESSARY FINAL ADJUSTMENTS TO PROPOSED FRAMES, LIDS, VALVE BOXES, AND STRUCTURES TO MATCH FINAL FINISHED GRADES.
24. PROVIDE REACTION BLOCKING, ANCHORS, JOINT HARNESSSES, OR OTHER APPROPRIATE MEANS FOR PREVENTING MOVEMENT OF PIPING CAUSED BY FORCES IN OR ON BURIED PIPING TEES, WYE BRANCHES, PLUGS, OR BENDS. PLACE CONCRETE BLOCKING SUCH THAT IT EXTENDS FROM THE FITTING TO SOLID, UNDISTURBED EARTH. CONCRETE BLOCKS SHALL NOT COVER PIPE JOINTS. PROVIDE BEARING AREA OF CONCRETE IN ACCORDANCE WITH DETAIL ON PLANS.
25. WHERE CONNECTION BETWEEN NEW PIPING AND EXISTING PIPING IS MADE ON THE SANITARY SEWER FORCE MAIN, NON-SHEAR TYPE COUPLING AND PROPER FITTINGS SHALL BE INSTALLED TO SUIT CONDITIONS ENCOUNTERED. CONTRACTOR SHALL PROVIDE SUITABLE EQUIPMENT AND FACILITIES TO DEWATER, DRAIN, AND DISPOSE OF LIQUID REMOVED WITHOUT DAMAGE TO ADJACENT PROPERTY.

PLAN	DATE
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SHRINKED	
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ALIGNMENT CHECKED	
FILE NAME	
NO.	

PROFILE	DATE
BY	
SHRINKED	
PLOTTED	
GRABES CHECKED	
STRUCTURE NOTATIONS CHKD	
NO.	

HDR, INC.
 COMPANY NAME:
 PROJECT CONTACT: DAVID WONG, P.E.
 DUPAGE COUNTY DIVISION OF TRANSPORTATION
 CLIENT:
 DATE PLOTTED: 8/29/2014 10:26:47 AM
 FILE NAME: 01200994.SHT.UTILITY.01.DGN
 DRIVER:
 PEN TABLE: 01200994.PEN.TABLE.TBY


 HDR ENGINEERING, INC.
 8550 W. BRYN MAWR AVE.
 CHICAGO, IL 60631

USER NAME = bzeaman	DESIGNED - MRK	REVISED -
FILE NAME = 01200994.SHT.UTILITY.01.DGN	DRAWN - TJS	REVISED -
PLOT SCALE = 1:8000' / in.	CHECKED - EGB	REVISED -
PLOT DATE = 8/29/2014	DATE - 08-18-14	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

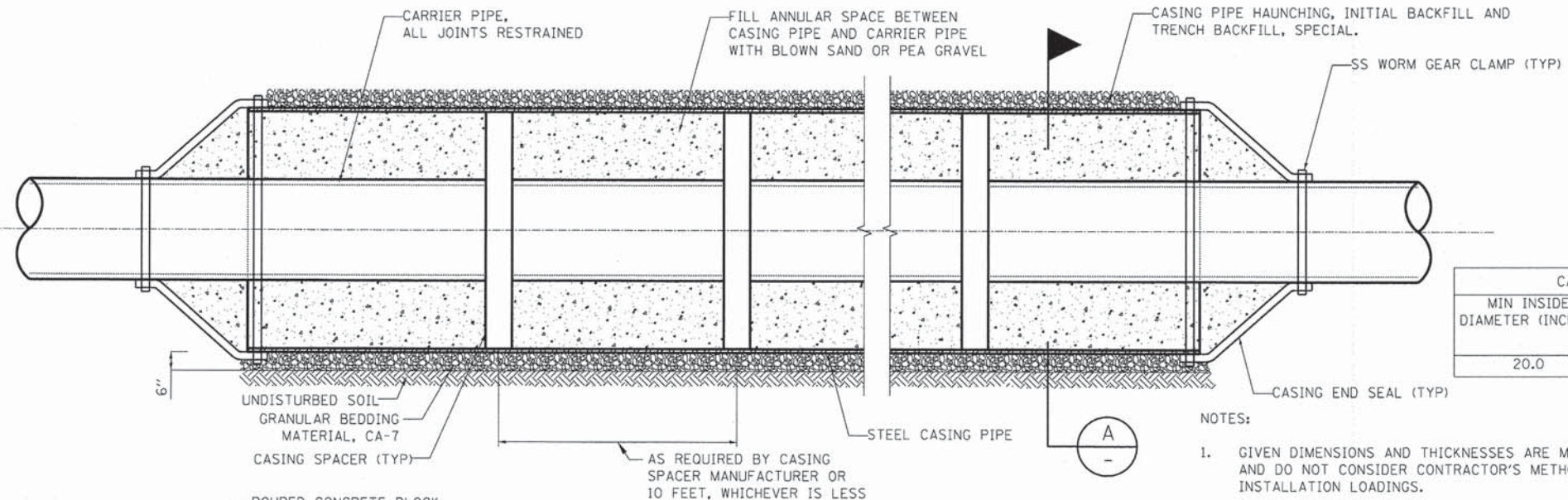
FABYAN PARKWAY AND IL ROUTE 38 UTILITY GENERAL NOTES			
SCALE: NTS	SHEET NO. 1	OF 14 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	132
CONTRACT NO. 63849				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
REVISIONS	
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DATE	
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DATE	
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REVISIONS	
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DATE	
BY	
REVISIONS	
NO.	
DATE	
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REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	

HDR, INC.
 COMPANY NAME:
 PROJECT CONTACT: DAVID WONG, P.E.
 DUPAGE COUNTY DIVISION OF TRANSPORTATION
 CLIENT: DUPAGE COUNTY DIVISION OF TRANSPORTATION
 DATE PLOTTED: 8/29/2014 10:26:55 AM
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 PLOT DATE: 8/29/2014

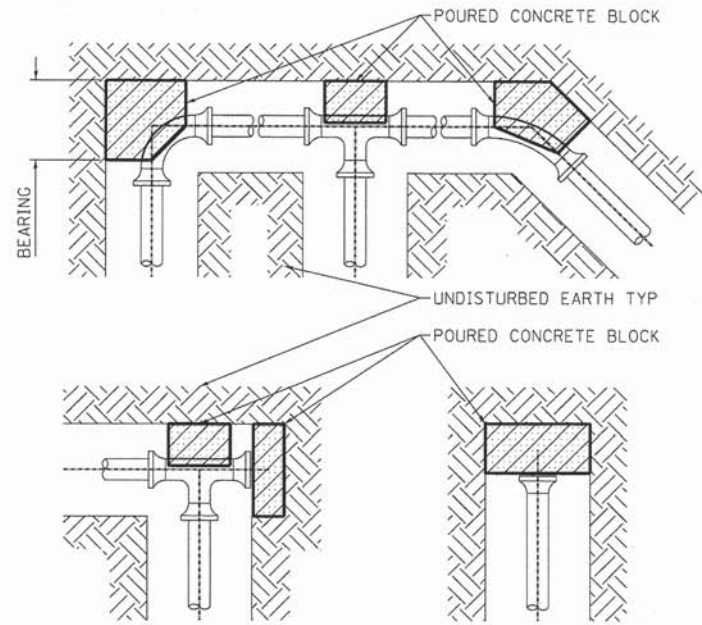


CASING PIPE	
MIN INSIDE DIAMETER (INCHES)	MIN WALL THICKNESS (INCHES)
20.0	0.25

- NOTES:
- GIVEN DIMENSIONS AND THICKNESSES ARE MINIMUMS AND DO NOT CONSIDER CONTRACTOR'S METHODS OR INSTALLATION LOADINGS.
 - CARRIER PIPE SHALL BE MECHANICAL JOINT PIPE FROM A MINIMUM OF 2' OUTSIDE EACH END OF THE STEEL CASING.
 - MECHANICAL JOINT RESTRAINTS NOT SHOWN, STAGGER JOINTS AS REQUIRED TO ALLOW FOR INSTALLATION OF PIPE AND CASING FILL.
 - CONTRACTOR SHALL PREVENT FLOATATION, DISPLACEMENT, OR DEFLECTION OF PIPES DURING PLACEMENT OF ANNULAR FILL AS REQUIRED.

1 CASING PIPE DETAIL
NOT TO SCALE

A SECTION
NOT TO SCALE

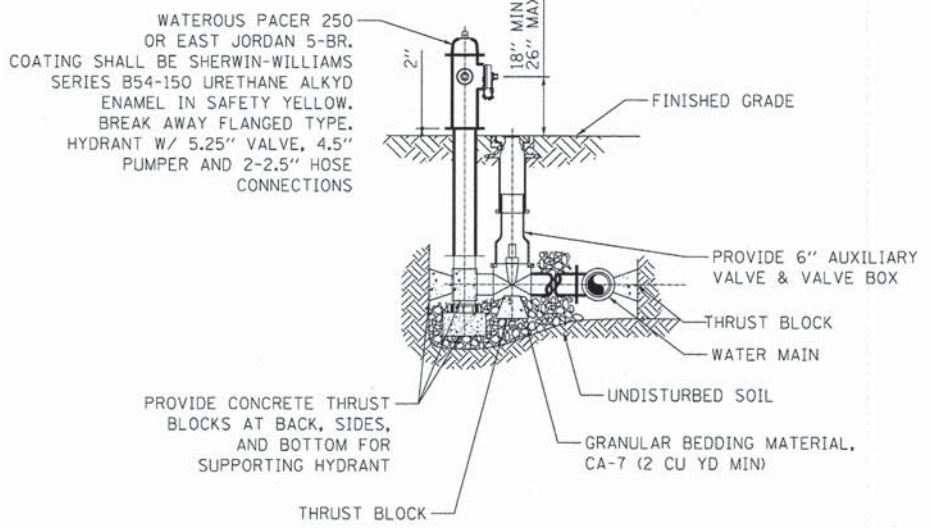


FITTING SIZES	BEARING AREA OF BLOCK IN SQUARE FEET				
	TEE & END	90 DEG BEND	45 DEG BEND	22 1/2 DEG BEND	11 1/4 DEG BEND
8"	5.7	8.0	4.4	2.3	1.5
12"	12.8	18.0	9.9	5.1	2.6
16"	22.5	32.0	17.4	9.0	4.5

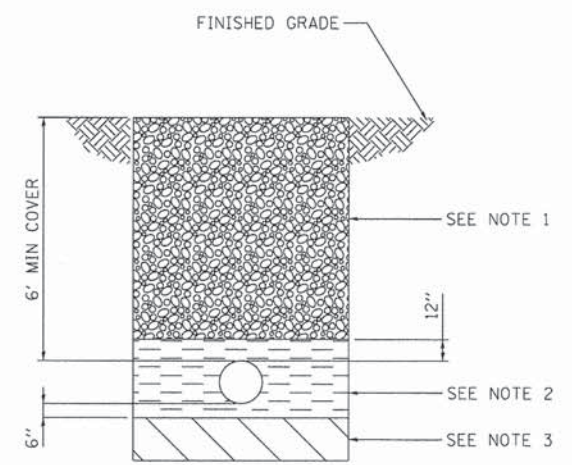
BEARING AREAS ARE BASED UPON AN ALLOWABLE SOIL BEARING PRESSURE OF 2000 PSF AND A PIPE TEST PRESSURE OF 150 PSI.

- NOTES:
- PLACE 4 MIL POLYETHYLENE BETWEEN CONCRETE AND FITTING.
 - CONSTRUCT BLOCK SUCH THAT CONCRETE DOES NOT INTERFERE WITH THE ADJACENT PIPE JOINT.
 - THE HORIZONTAL DIMENSION OF THE BEARING AREA SHALL BE BETWEEN 0.8 AND 1.25 TIMES THE VERTICAL DIMENSION.
 - THRUST BLOCK ORIENTATION SHALL BE SUCH THE CENTER OF THE FITTING CORRESPONDS WITH THE CENTER OF THE THRUST BLOCK.
 - CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS.

1 THRUST BLOCK DETAILS
NOT TO SCALE



2 FIRE HYDRANT DETAIL
NOT TO SCALE



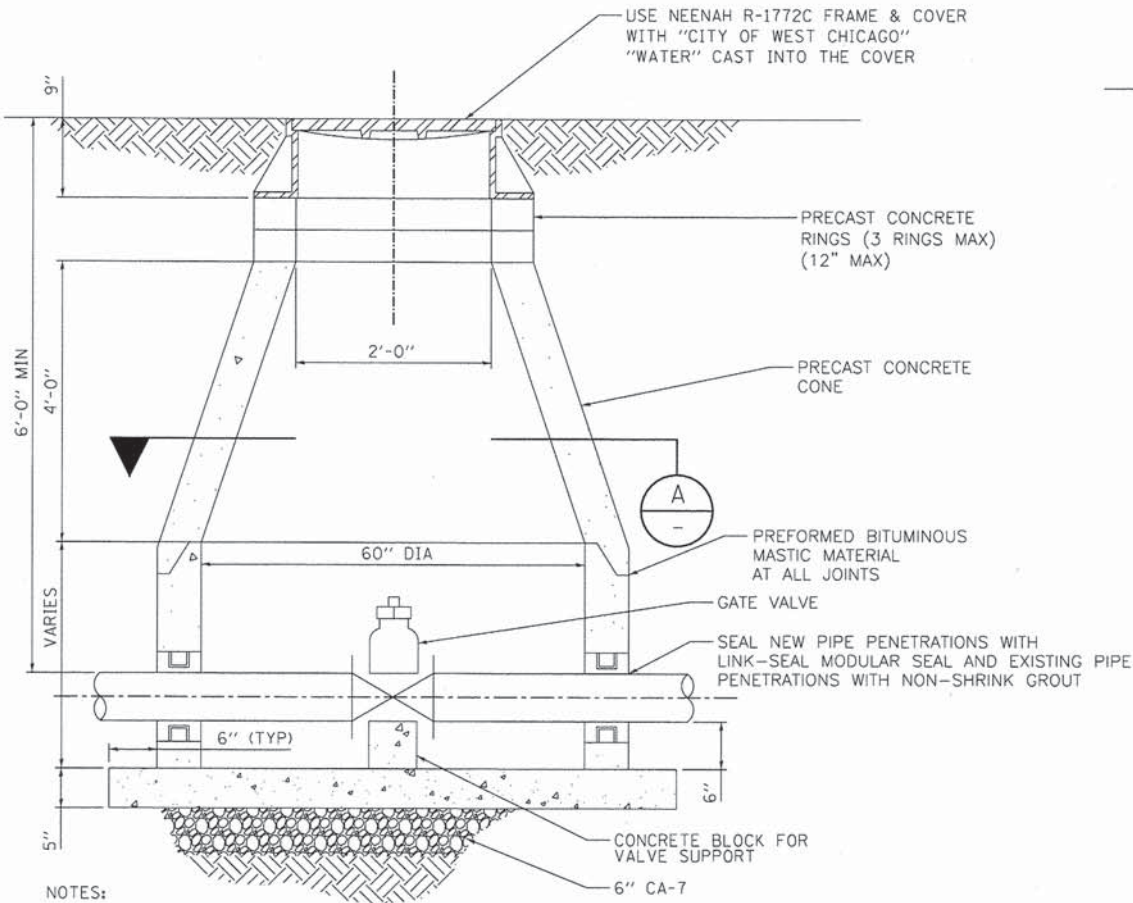
- NOTES:
- TRENCH BACKFILL, SPECIAL UNDER PAVEMENT, CURB AND GUTTER, AND SIDEWALK. COMMON BACKFILL OF EXCAVATED MATERIAL IN ALL OTHER LOCATIONS.
 - COMPACTED GRANULAR MATERIAL (CA-7) FOR BEDDING, HAUNCHING, AND INITIAL BACKFILL.
 - UNSUITABLE MATERIAL SHALL BE REMOVED AND REPLACED WITH SUITABLE MATERIAL PER THE SPECIAL PROVISIONS.

3 TRENCH BACKFILL DETAIL
NOT TO SCALE

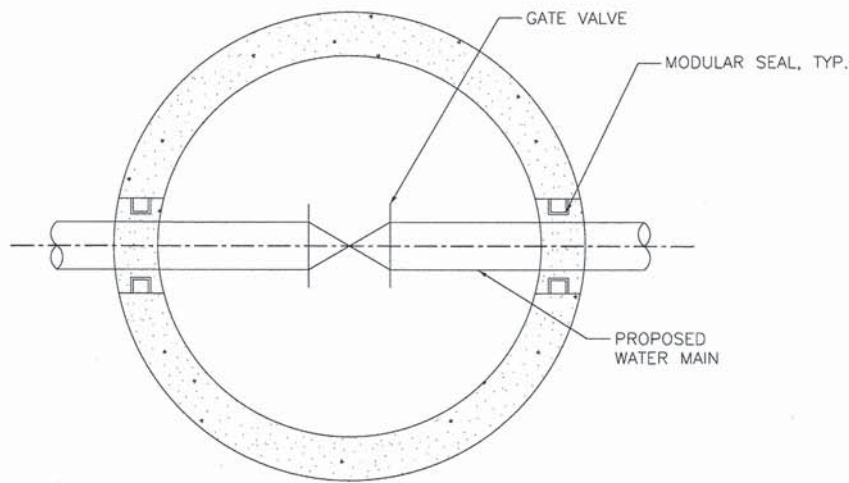
DATE	
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DESCRIPTION	
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NO.	
DESCRIPTION	

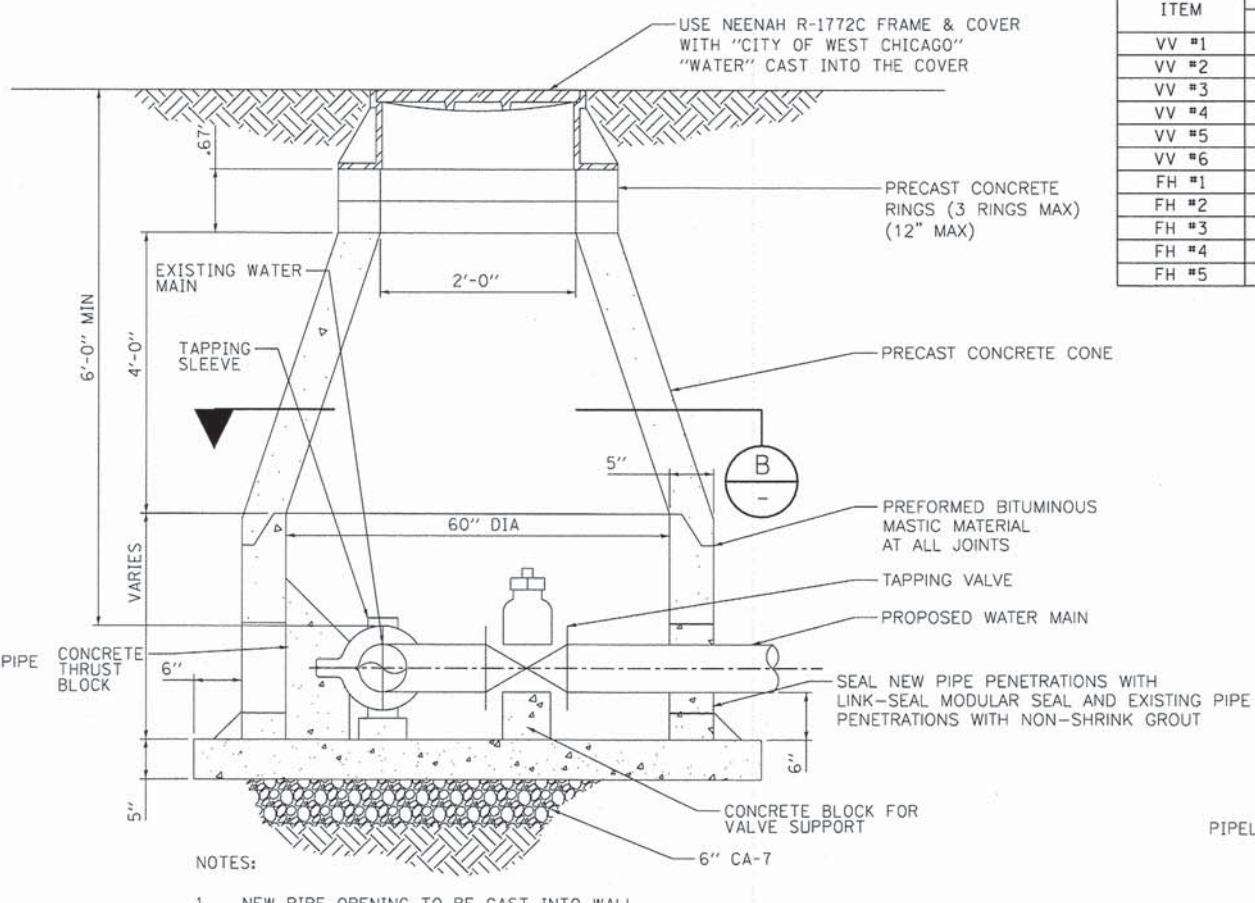
COMPANY NAME: HDR, INC.
 PROJECT CONTACT: DAVID WONG, P.E.
 CLIENT: DUPAGE COUNTY DIVISION OF TRANSPORTATION
 DATE PLOTTED: 8/29/2014 11:27:02 AM
 FILE NAME: 0200994_SHT_UTILITY_03.DGN
 PLOT DRIVER: PLOTDRIVER
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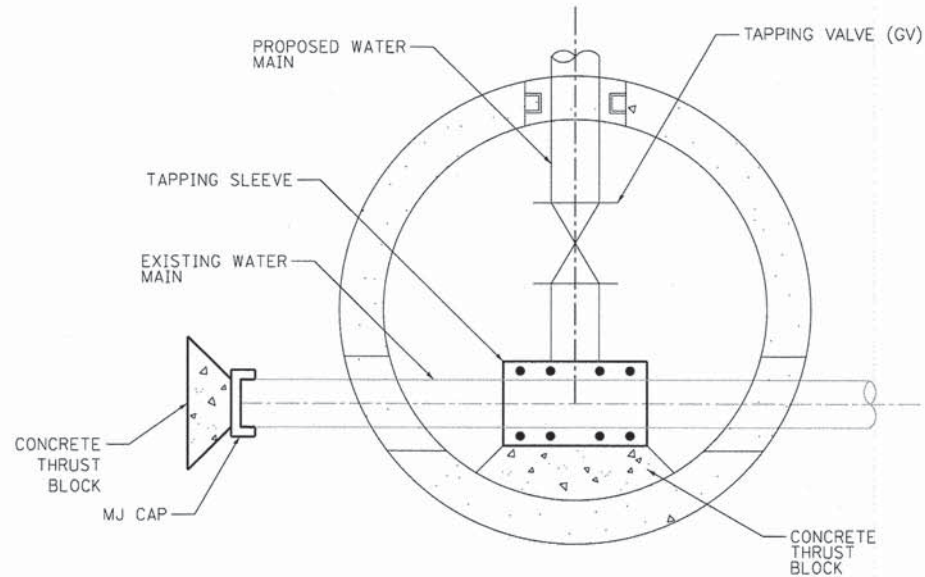
4 VALVE VAULT DETAIL
- NOT TO SCALE



A SECTION
- NOT TO SCALE

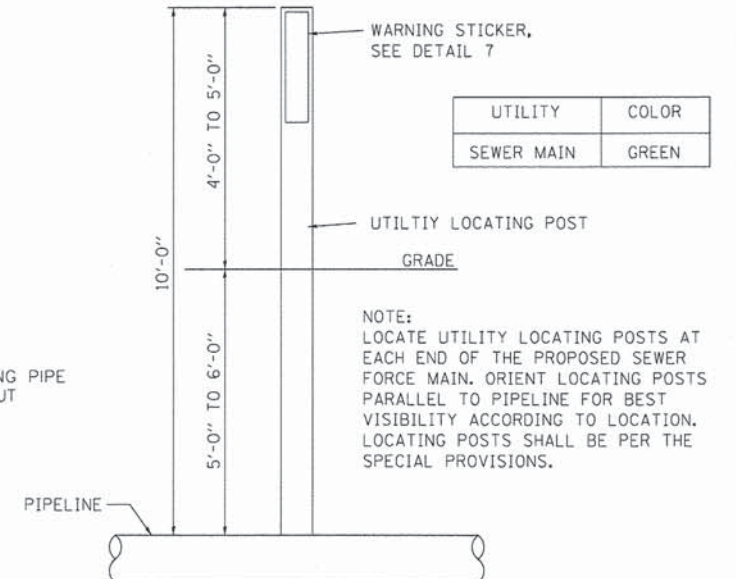


5 PRESSURE CONNECTION IN VALVE VAULT
- NOT TO SCALE

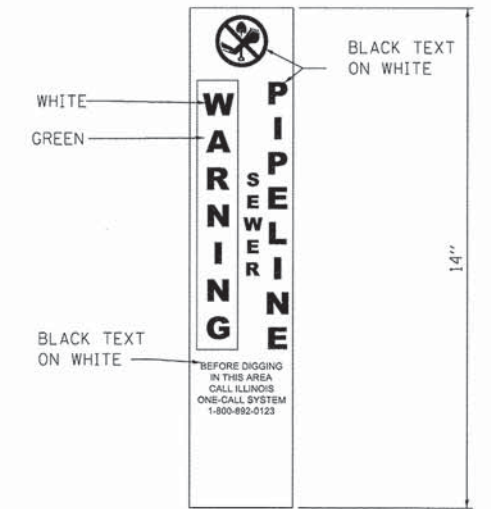


B SECTION
- NOT TO SCALE

ITEM	STATION OFFSET		DETAIL	TAPPING SLEEVE	GATE VALVE
	ROAD	WATER MAIN			
VV #1	184+50.0, 73.3' LT	0+00.0, 0.0'	5	12" X 12"	12"
VV #2	188+85.0, 74.1' LT	4+51.4, 0.0'	4	-	12"
VV #3	138+50.0, 70.0' LT	8+98.01, 0.0'	4	-	12"
VV #4	138+60.0, 55.3' LT	50+28.8, 0.0'	5	12" X 16"	12"
VV #5	138+45.0, 46.4' RT	10+19.2, 0.0'	4	-	12"
VV #6	194+50.0, 69.8' LT	16+52.6, 0.0'	5	8" X 8"	8"
FH #1	184+70.0, 72.5' LT	0+27.2, 5.0' LT	2	-	-
FH #2	187+00.0, 79.6' LT	2+62.2, 5.0' LT	2	-	-
FH #3	189+50.0, 93.1 LT	5+26.7, 3.0' LT	2	-	-
FH #4	137+20.0, 47.3 RT	11+36.5, 3.0' LT	2	-	-
FH #5	193+10.0, 73.1' LT	15+05.1, 3.0' LT	2	-	-



6 UTILITY LOCATING POST DETAIL
- NOT TO SCALE

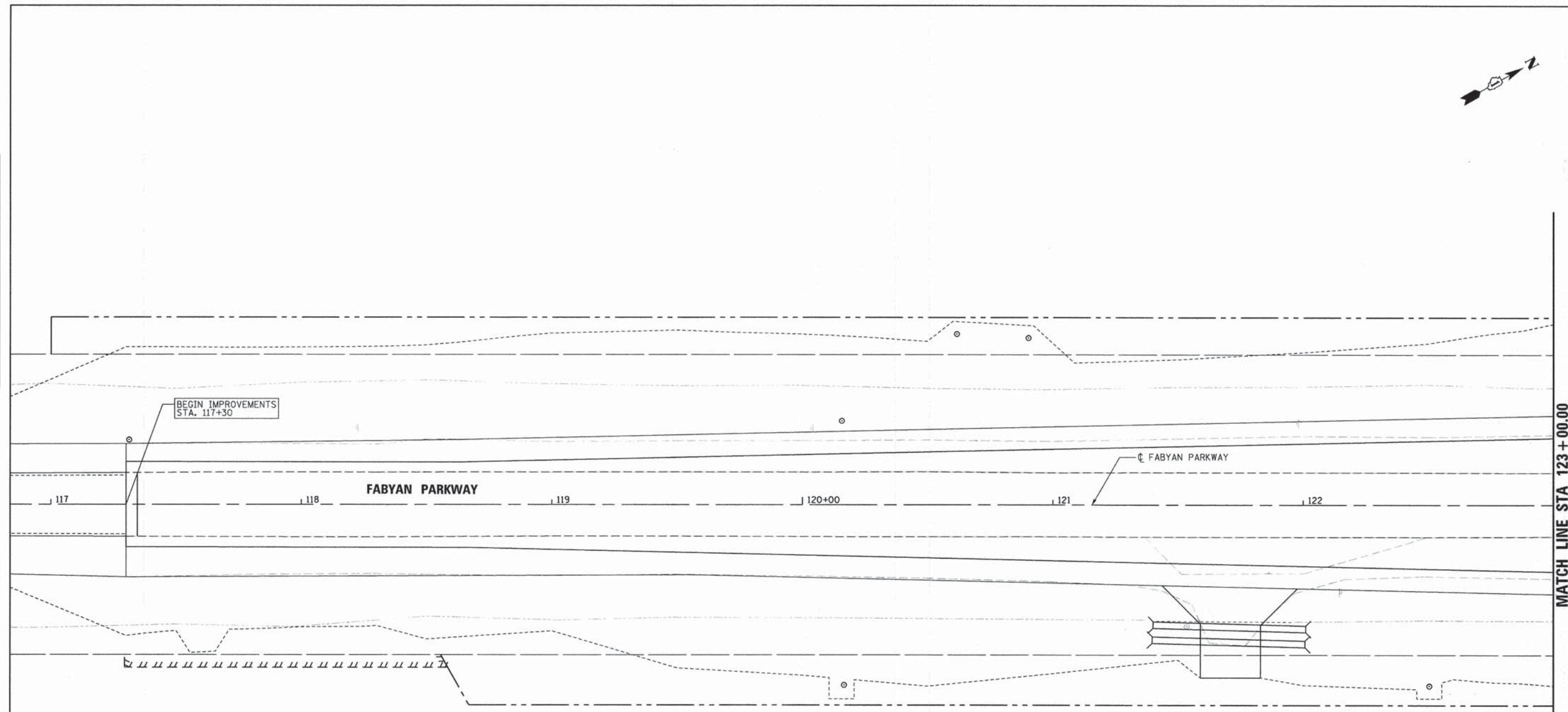


7 WARNING STICKER DETAIL
- NOT TO SCALE



PLAN	REVISIONS	DATE
NO.	BY	
NOTE BOOK	ALIGNED	
CAD FILE NAME	CHECKED	

PROFILE	REVISIONS	DATE
NO.	BY	
NOTE BOOK	GRADES CHECKED	
STRUCTURE NOTATION	CHORD	



- NOTES
- SEE SHEET NO. 134 FOR VALVE VAULT AND FIRE HYDRANT LOCATION INFORMATION.
 - SEE SHEET NO. 138 FOR UTILITY LEGEND AND TESTHOLE INFORMATION.
 - HORIZONTAL CONTROL, VERTICAL CONTROL, CENTERLINE ALIGNMENT, AND TOPOGRAPHIC FEATURES WERE SUPPLIED BY ILLINOIS DEPARTMENT OF TRANSPORTATION.
 - EXISTING AERIAL LINES PROVIDED BY OTHERS.

STATE OF ILLINOIS)
) S.S.
 COUNTY OF DUPAGE)

EXISTING UTILITY(IES) SHOWN HEREON HAVE BEEN INVESTIGATED BY ASE IN ACCORDANCE WITH ASCE 38-02 GUIDELINES FOR QUALITY LEVEL A (QLA) & B (QLB). ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED BY OTHERS.

FIELD WORK WAS PERFORMED BETWEEN THE 6TH OF SEPTEMBER, A.D., 2013 AND 25TH DAY OF NOVEMBER, A.D., 2013.

IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND SEAL THIS 14TH DAY OF AUGUST A.D., 2014. CHICAGO, IL.

Steven M. Rienks
 STEVEN M. RIENKS - ILLINOIS PROFESSIONAL ENGINEER NUMBER 62-044619
 MY LICENSE EXPIRES 11/30/2015
 APPLIES TO DWGS 135 TO 145



ADR, INC.
 PROJECT CONTACT: DAVID WONG, P.E.
 CLIENT: DUPAGE COUNTY DIVISION OF TRANSPORTATION
 DATE PLOTTED: 8/12/2014 5:09:23 PM
 PLOT OWNER: 01200994_SHT.UTILITY_04.DGN
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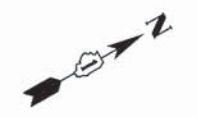


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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

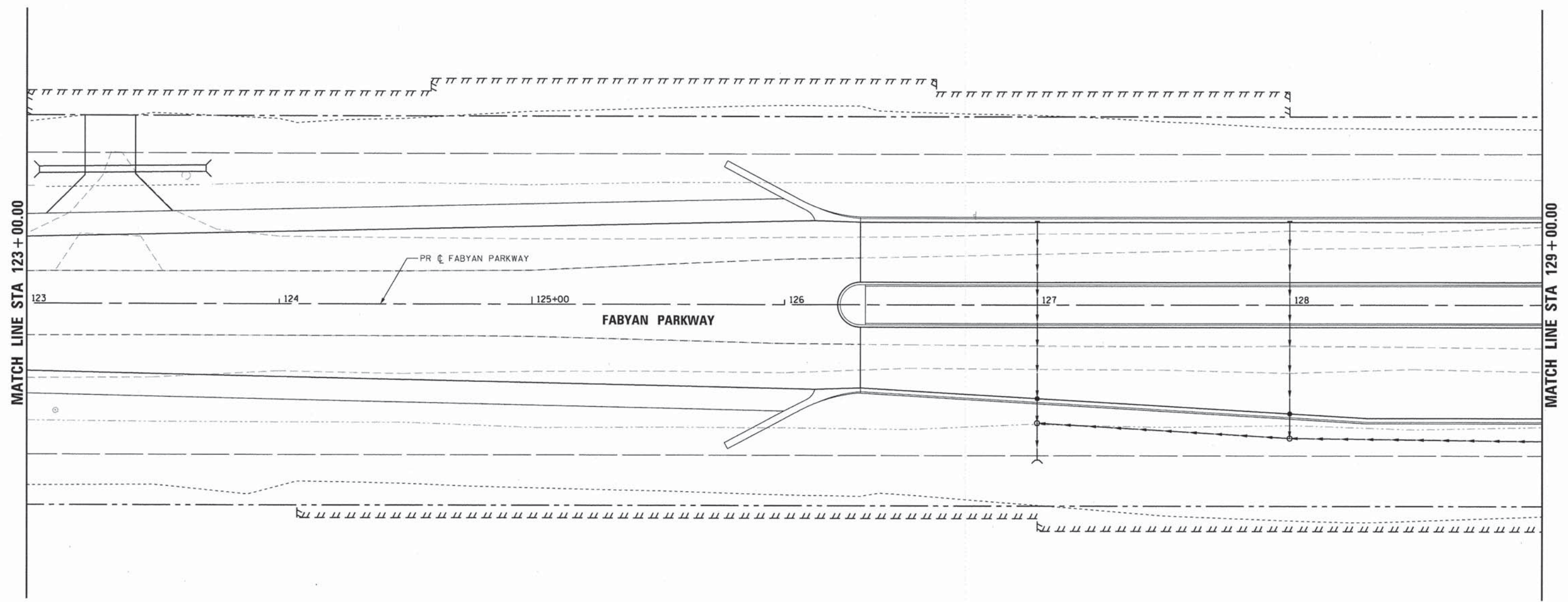
UTILITY PLAN AND PROFILE	
FABYAN PARKWAY	
SCALE: 1"= 20'	SHEET NO. 4 OF 14 SHEETS
STA. 113+00.00 TO STA. 119+00.00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	135
CONTRACT NO. 63849				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



PLAN	DATE
NO.	
BY	
DATE	
NO.	
BY	
DATE	
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BY	
DATE	
NO.	

PROFILE	DATE
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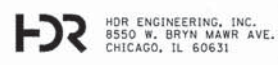
MATCH LINE STA 123 + 00.00

MATCH LINE STA 129 + 00.00

- NOTES
1. SEE SHEET NO. 134 FOR VALVE VAULT AND FIRE HYDRANT LOCATION INFORMATION.
 2. SEE SHEET NO. 138 FOR UTILITY LEGEND AND TESTHOLE INFORMATION.
 3. HORIZONTAL CONTROL, VERTICAL CONTROL, CENTERLINE ALIGNMENT, AND TOPOGRAPHIC FEATURES WERE SUPPLIED BY ILLINOIS DEPARTMENT OF TRANSPORTATION.
 4. EXISTING AERIAL LINES PROVIDED BY OTHERS.



COMPANY NAME: HDR, INC.
 PROJECT CONTACT: DAVID WONG, P.E.
 CLIENT: DuPAGE COUNTY DIVISION OF TRANSPORTATION
 DATE PLOTTED: 8/29/2014 11:27:31 AM
 FILE NAME: D:\200994-SHT-UTILITY_05.DGN
 PLOT DRIVER: PEN TABLET
 01200994_PEN_TABLET.tbl



USER NAME = bzeman	DESIGNED - MRK	REVISED -
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PLOT SCALE = 20.0000' / 1"	CHECKED - EGB	REVISED -
PLOT DATE = 8/29/2014	DATE - 08-18-14	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**UTILITY PLAN AND PROFILE
FABYAN PARKWAY**

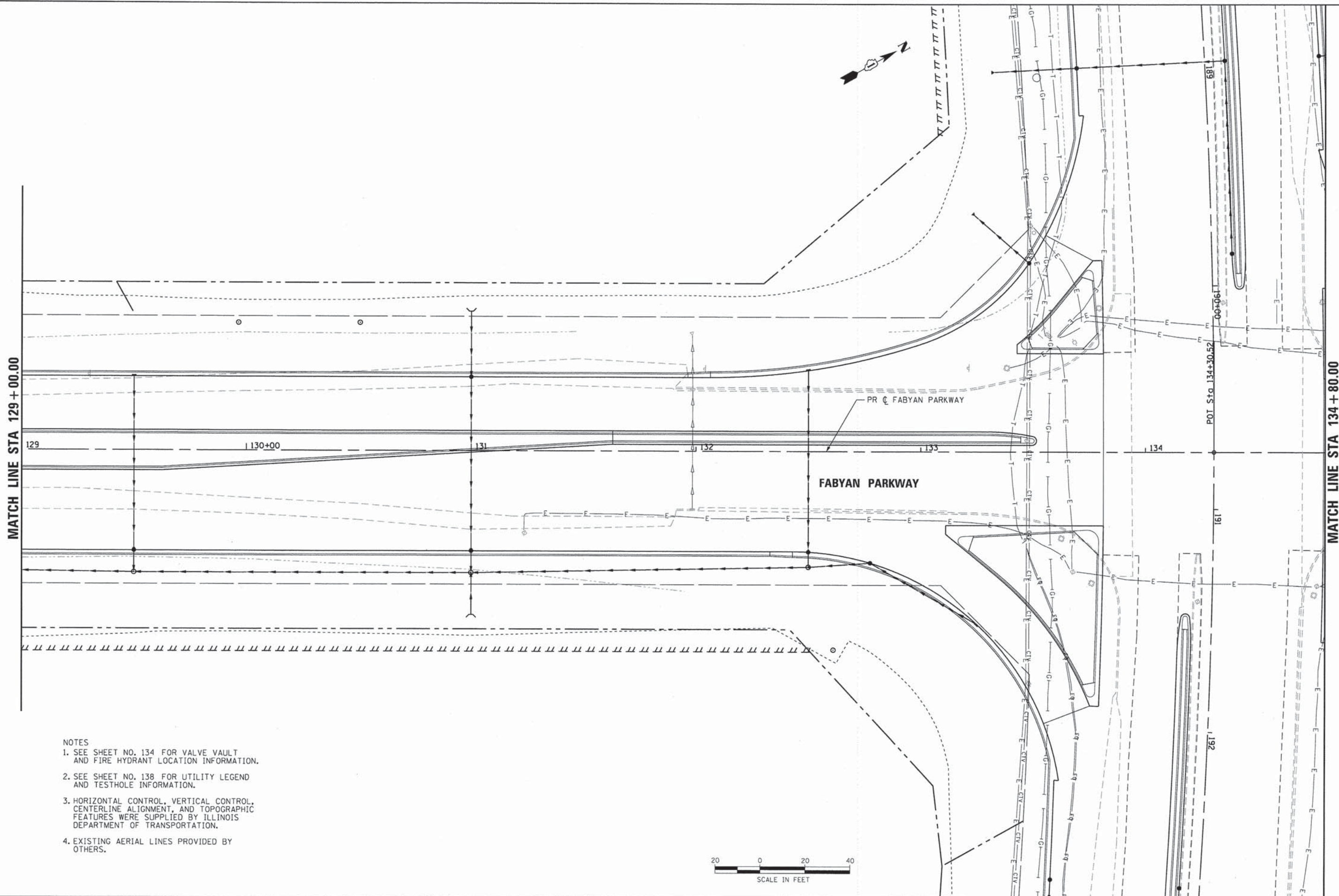
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	136
CONTRACT NO. 63849				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	ALIGNED		
	CHECKED		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		

COMPANY NAME: HDR, INC.
 PROJECT CONTACT: DAVID WONG, P.E.
 CLIENT: DUPAGE COUNTY DIVISION OF TRANSPORTATION
 DATE PLOTTED: 8/29/2014 11:27:41 AM
 FILE NAME: D:\200994_SHT\UTILITY_06.DGN
 PLOT DRIVER: PLOTDRIVER.PEN TABLES
 PLOT DATE: 8/29/2014



- NOTES
- SEE SHEET NO. 134 FOR VALVE VAULT AND FIRE HYDRANT LOCATION INFORMATION.
 - SEE SHEET NO. 138 FOR UTILITY LEGEND AND TESTHOLE INFORMATION.
 - HORIZONTAL CONTROL, VERTICAL CONTROL, CENTERLINE ALIGNMENT, AND TOPOGRAPHIC FEATURES WERE SUPPLIED BY ILLINOIS DEPARTMENT OF TRANSPORTATION.
 - EXISTING AERIAL LINES PROVIDED BY OTHERS.



HDR
 HDR ENGINEERING, INC.
 8550 N. BRYN MAWR AVE.
 CHICAGO, IL 60631

USER NAME = bzeman	DESIGNED - MRK	REVISED -
FILE NAME = D:\200994_SHT\UTILITY_06.DGN	DRAWN - TJS	REVISED -
PLOT SCALE = 20.0000' / 1"	CHECKED - EGB	REVISED -
PLOT DATE = 8/29/2014	DATE - 08-18-14	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

UTILITY PLAN AND PROFILE
FABYAN PARKWAY
 SCALE: 1" = 20'
 SHEET NO. 6 OF 14 SHEETS
 STA. 125+00.00 TO STA. 131+00.00

F.A.P. RTE. 347	SECTION 11-00210-04-CH	COUNTY	TOTAL SHEETS 304	SHEET NO. 137
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		CONTRACT NO. 63849		

DATE	
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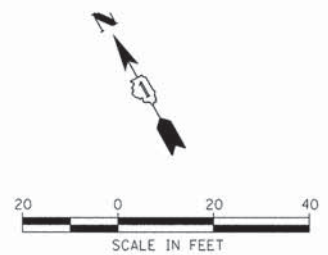
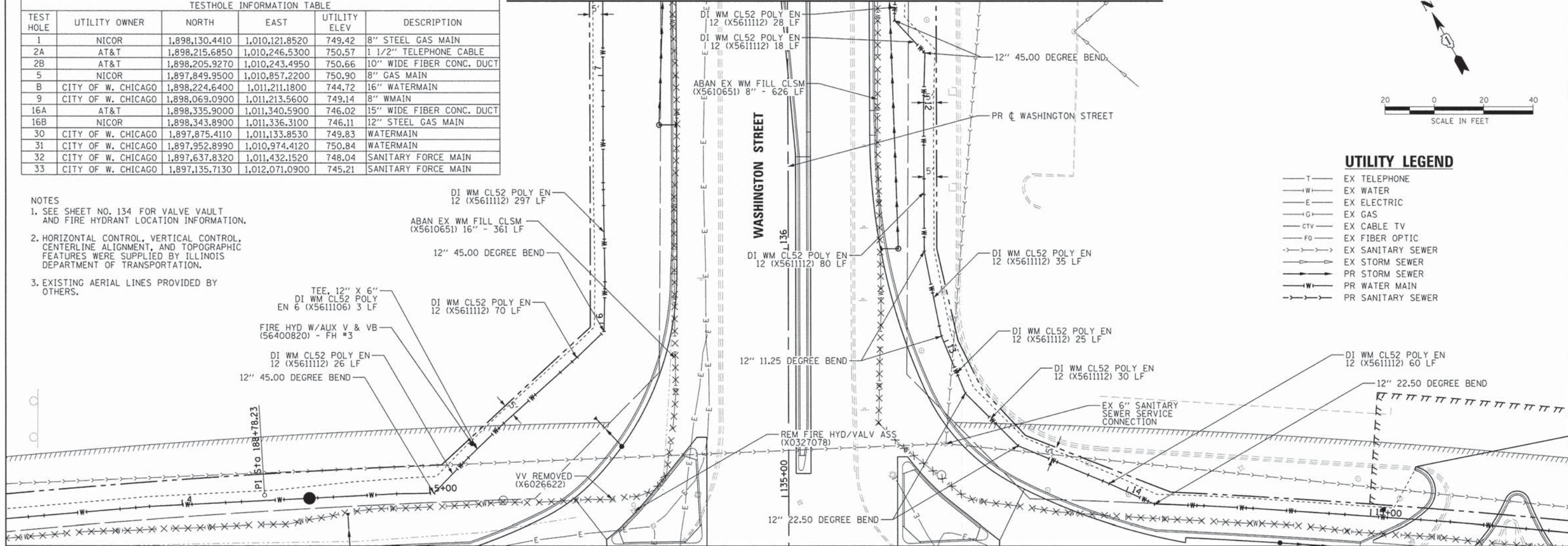
DATE	
BY	
PROFILE	
NO.	
DATE	
BY	

COMPANY NAME: HRS, INC.
 PROJECT CONTACT: DAVID WONG, P.E.
 CLIENT: DUPAGE COUNTY DIVISION OF TRANSPORTATION
 DATE PLOTTED: 10/31/2014 10:05:58 AM
 FILE NAME: D1200994_SHT_UTILITY_07.DGN
 PLOT DRIVER: D1200994_PEN_TABLE.TB
 PEN TABLE:

TESTHOLE INFORMATION TABLE					
TEST HOLE	UTILITY OWNER	NORTH	EAST	UTILITY ELEV	DESCRIPTION
1	NICOR	1,898,130.4410	1,010,121.8520	749.42	8" STEEL GAS MAIN
2A	AT&T	1,898,215.6850	1,010,246.5300	750.57	1 1/2" TELEPHONE CABLE
2B	AT&T	1,898,205.9270	1,010,243.4950	750.66	10" WIDE FIBER CONC. DUCT
5	NICOR	1,897,849.9500	1,010,857.2200	750.90	8" GAS MAIN
B	CITY OF W. CHICAGO	1,898,224.6400	1,011,211.1800	744.72	16" WATERMAIN
9	CITY OF W. CHICAGO	1,898,069.0900	1,011,213.5600	749.14	8" WMAIN
16A	AT&T	1,898,335.9000	1,011,340.5900	746.02	15" WIDE FIBER CONC. DUCT
16B	NICOR	1,898,343.8900	1,011,336.3100	746.11	12" STEEL GAS MAIN
30	CITY OF W. CHICAGO	1,897,875.4110	1,011,133.8530	749.83	WATERMAIN
31	CITY OF W. CHICAGO	1,897,952.8990	1,010,974.4120	750.84	WATERMAIN
32	CITY OF W. CHICAGO	1,897,637.8320	1,011,432.1520	748.04	SANITARY FORCE MAIN
33	CITY OF W. CHICAGO	1,897,135.7130	1,012,071.0900	745.21	SANITARY FORCE MAIN

NOTES
 1. SEE SHEET NO. 134 FOR VALVE VAULT AND FIRE HYDRANT LOCATION INFORMATION.
 2. HORIZONTAL CONTROL, VERTICAL CONTROL, CENTERLINE ALIGNMENT, AND TOPOGRAPHIC FEATURES WERE SUPPLIED BY ILLINOIS DEPARTMENT OF TRANSPORTATION.
 3. EXISTING AERIAL LINES PROVIDED BY OTHERS.

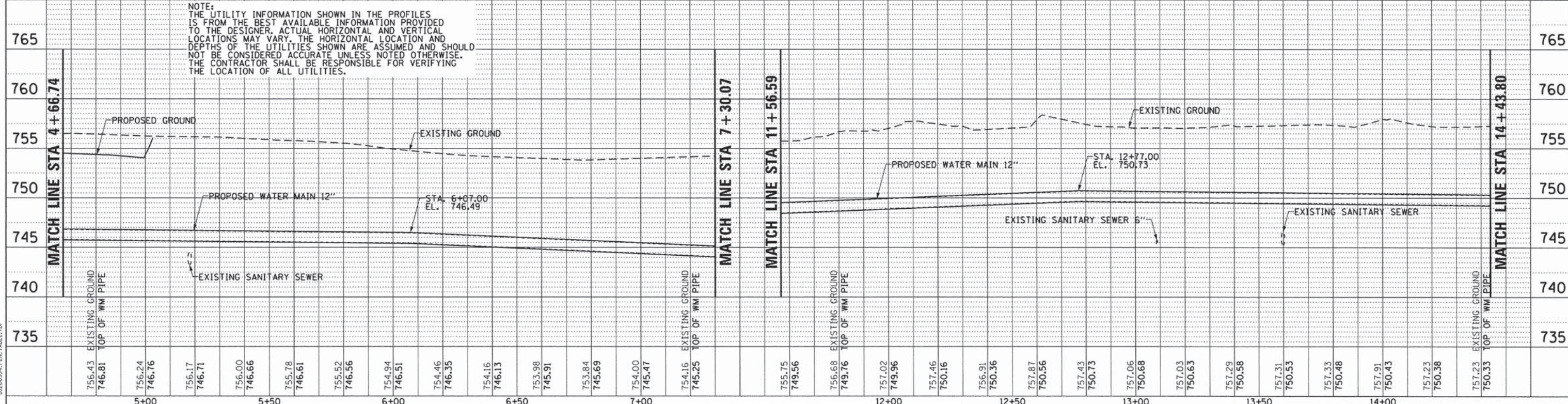
MATCH LINE STA 137+00.00



UTILITY LEGEND

— T —	EX TELEPHONE
— W —	EX WATER
— E —	EX ELECTRIC
— G —	EX GAS
— CTV —	EX CABLE TV
— FO —	EX FIBER OPTIC
— S —	EX SANITARY SEWER
— SS —	EX STORM SEWER
— W —	PR STORM SEWER
— W —	PR WATER MAIN
— S —	PR SANITARY SEWER

MATCH LINE STA 134+80.00



NOTE:
 THE UTILITY INFORMATION SHOWN IN THE PROFILES IS FROM THE BEST AVAILABLE INFORMATION PROVIDED TO THE DESIGNER. ACTUAL HORIZONTAL AND VERTICAL LOCATIONS MAY VARY. THE HORIZONTAL LOCATION AND DEPTHS OF THE UTILITIES SHOWN ARE ASSUMED AND SHOULD NOT BE CONSIDERED ACCURATE UNLESS NOTED OTHERWISE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES.

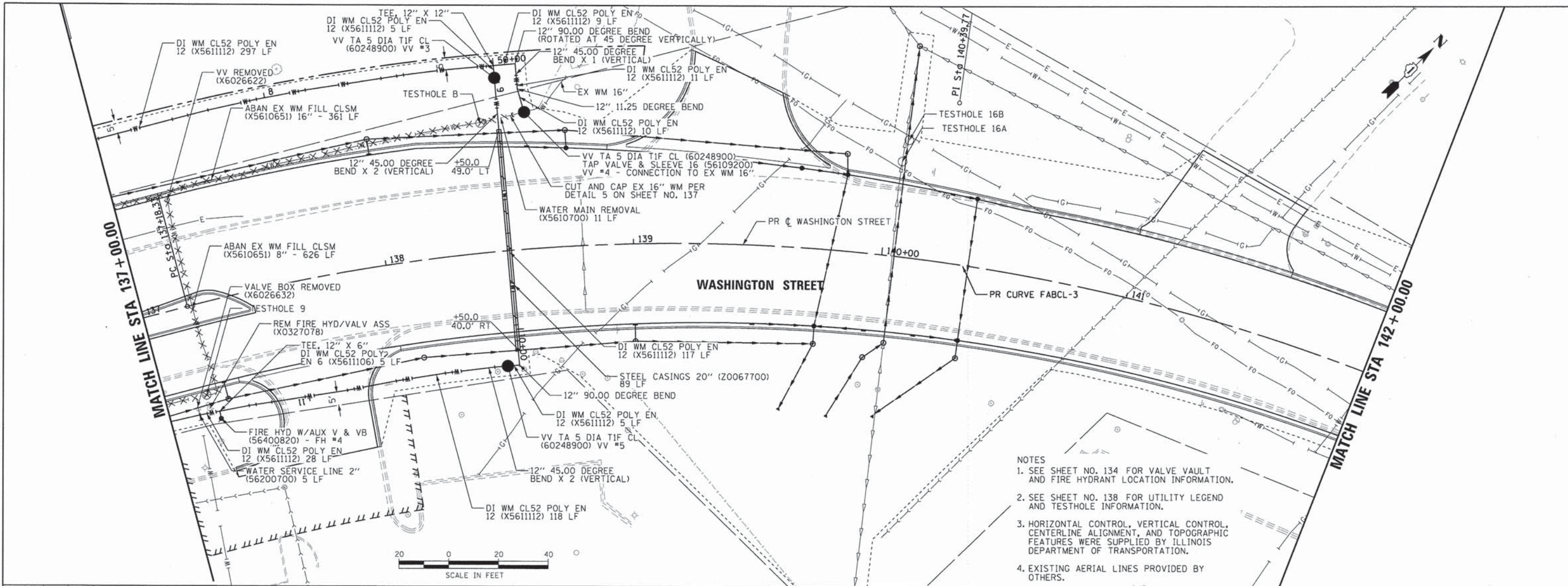
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SCALE: 1" = 20' SHEET NO. 7 OF 14 SHEETS STA. 131+00.00 TO STA. 137+00.00 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

DATE	
BY	
REVIEWED	
PLANNED	
ALIGNED	
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NO. 1	
NO. 2	
NO. 3	
NO. 4	
NO. 5	

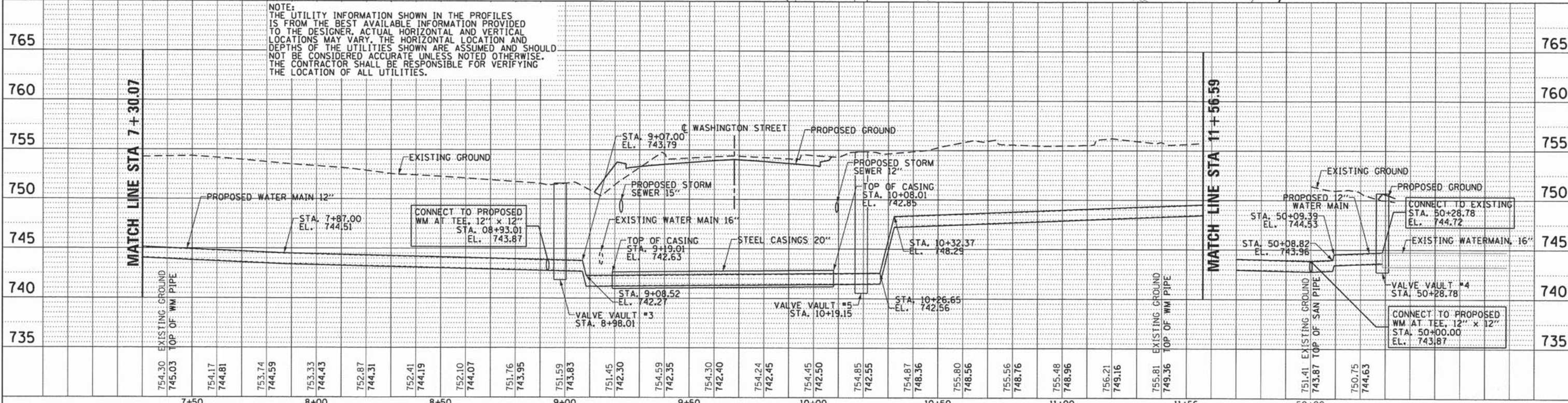
DATE	
BY	
REVIEWED	
PLANNED	
ALIGNED	
CHECKED	
NO. 1	
NO. 2	
NO. 3	
NO. 4	
NO. 5	

COMPANY NAME: HDR, INC.
 PROJECT CONTACT: DAVID WONG, P.E.
 CLIENT: DUPAGE COUNTY DIVISION OF TRANSPORTATION
 DATE PLOTTED: 8/29/2014 11:27:58 AM
 FILE NUMBER: 01200994_SHT_UTILITY_08.DGN
 PEN TABLE: 01200994_PEN_TABLE.rvt



- NOTES
1. SEE SHEET NO. 134 FOR VALVE VAULT AND FIRE HYDRANT LOCATION INFORMATION.
 2. SEE SHEET NO. 138 FOR UTILITY LEGEND AND TESTHOLE INFORMATION.
 3. HORIZONTAL CONTROL, VERTICAL CONTROL, CENTERLINE ALIGNMENT, AND TOPOGRAPHIC FEATURES WERE SUPPLIED BY ILLINOIS DEPARTMENT OF TRANSPORTATION.
 4. EXISTING AERIAL LINES PROVIDED BY OTHERS.

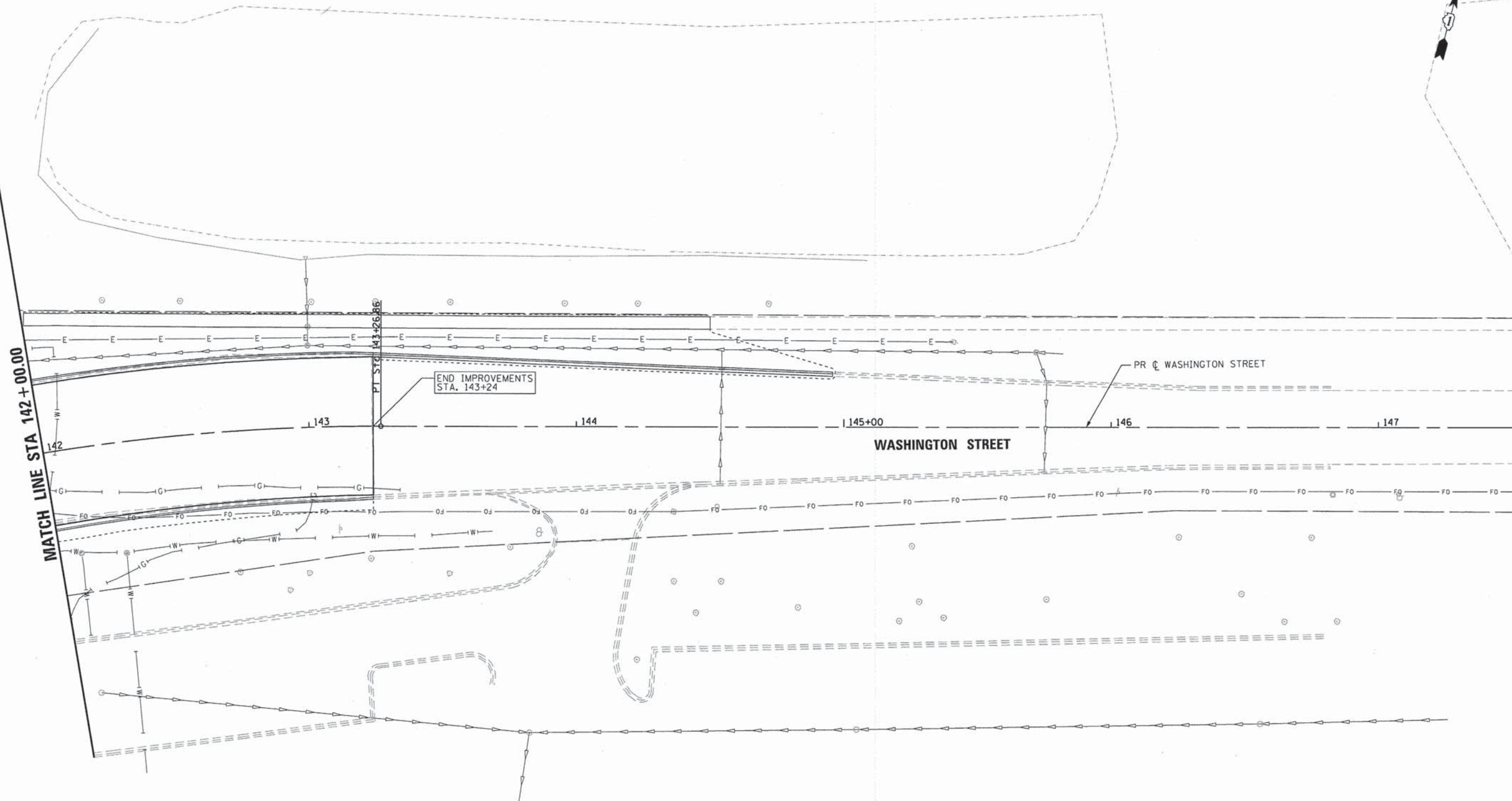
NOTE:
 THE UTILITY INFORMATION SHOWN IN THE PROFILES IS FROM THE BEST AVAILABLE INFORMATION PROVIDED TO THE DESIGNER. ACTUAL HORIZONTAL AND VERTICAL LOCATIONS MAY VARY. THE HORIZONTAL LOCATION AND DEPTHS OF THE UTILITIES SHOWN ARE ASSUMED AND SHOULD NOT BE CONSIDERED ACCURATE UNLESS NOTED OTHERWISE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES.



HDR HDR ENGINEERING, INC. 8550 W. BRYN MAWR AVE. CHICAGO, IL 60631	USER NAME = bzmern FILE NAME = D1200994_SHT_UTILITY_08.DGN PLOT SCALE = 20.0000' / 1" = PLOT DATE = 8/29/2014	DESIGNED - MRK DRAWN - TJS CHECKED - EGB DATE - 08-18-14	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	UTILITY PLAN AND PROFILE WASHINGTON STREET	SCALE: 1" = 20' SHEET NO. 8 OF 14 SHEETS STA. 137+00.00 TO STA. 142+00.00	F.A.P. RTE. = 347 SECTION = 11-00210-04-CH COUNTY = DUPAGE TOTAL SHEETS = 304 SHEET NO. = 139	CONTRACT NO. 63849 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT
--	--	---	--	---	---	---	---	---

PLAN	SUBMITTED	BY	DATE
	PLOTTED		
	ALIGNMENT CHECKED		
	CADD FILE NAME		
NOTE BOOK NO.			

PROFILE	SUBMITTED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
NOTE BOOK NO.			



- NOTES
1. SEE SHEET NO. 134 FOR VALVE VAULT AND FIRE HYDRANT LOCATION INFORMATION.
 2. SEE SHEET NO. 138 FOR UTILITY LEGEND AND TESTHOLE INFORMATION.
 3. HORIZONTAL CONTROL, VERTICAL CONTROL, CENTERLINE ALIGNMENT, AND TOPOGRAPHIC FEATURES WERE SUPPLIED BY ILLINOIS DEPARTMENT OF TRANSPORTATION.
 4. EXISTING AERIAL LINES PROVIDED BY OTHERS.



COMPANY NAME: HDR, INC.
 PROJECT CONTACT: DAVID WONG, P.E.
 CLIENT: DUPAGE COUNTY DIVISION OF TRANSPORTATION
 DATE PLOTTED: 8/29/2014 11:28:07 AM
 FILE NAME: D:\200994_SHT\UTILITY_09.DGN
 PLOT NUMBER: 01200994_PEN_TABLE1.dwg
 PEN TABLE:

HDR
 HDR ENGINEERING, INC.
 8550 N. BRYN MAWR AVE.
 CHICAGO, IL 60631

USER NAME = bzeaman	DESIGNED - MRK	REVISED -
FILE NAME = D:\200994_SHT\UTILITY_09.DGN	DRAWN - TJS	REVISED -
PLOT SCALE = 20.0000' / 1"	CHECKED - EGB	REVISED -
PLOT DATE = 8/29/2014	DATE - 08-18-14	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

UTILITY PLAN AND PROFILE
 WASHINGTON STREET

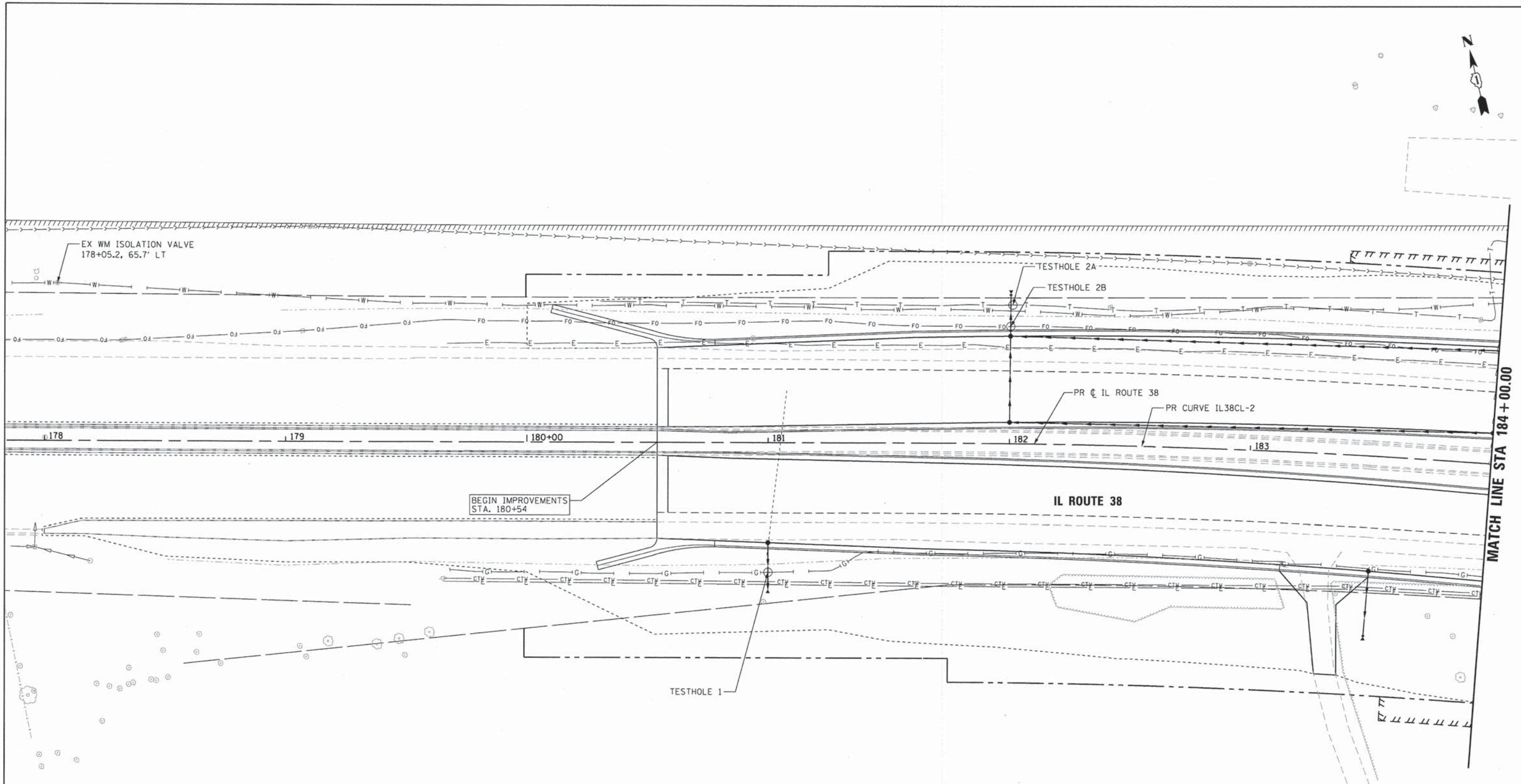
SCALE: 1"= 20' SHEET NO. 9 OF 14 SHEETS STA. 142+00.00 TO STA. 148+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	140
CONTRACT NO. 63849				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	NOTED		
	FILE NAME		
	NO.		

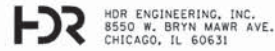
PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	NOTED		
	FILE NAME		
	NO.		



- NOTES
1. SEE SHEET NO. 134 FOR VALVE VAULT AND FIRE HYDRANT LOCATION INFORMATION.
 2. SEE SHEET NO. 138 FOR UTILITY LEGEND AND TESTHOLE INFORMATION.
 3. HORIZONTAL CONTROL, VERTICAL CONTROL, CENTERLINE ALIGNMENT, AND TOPOGRAPHIC FEATURES WERE SUPPLIED BY ILLINOIS DEPARTMENT OF TRANSPORTATION.
 4. EXISTING AERIAL LINES PROVIDED BY OTHERS.



COMPANY NAME: HDR, INC.
 PROJECT CONTACT: DAVID WONG, P.E.
 ADDRESS: 8720 BIRCHWOOD DRIVE
 CHICAGO, IL 60631
 DATE PLOTTED: 8/29/2014
 FILE NAME: D1200994_SHT.UTILITY_10.DGN
 PLOT DRIVER: PLOTDRIVER
 PEN TABLE:



USER NAME = bzean	DESIGNED - MRK	REVISED -
FILE NAME = D1200994_SHT.UTILITY_10.DGN	DRAWN - TJS	REVISED -
PLOT SCALE = 20.0000' / 1"	CHECKED - EGB	REVISED -
PLOT DATE = 8/29/2014	DATE - 08-18-14	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

UTILITY PLAN AND PROFILE
 IL ROUTE 38

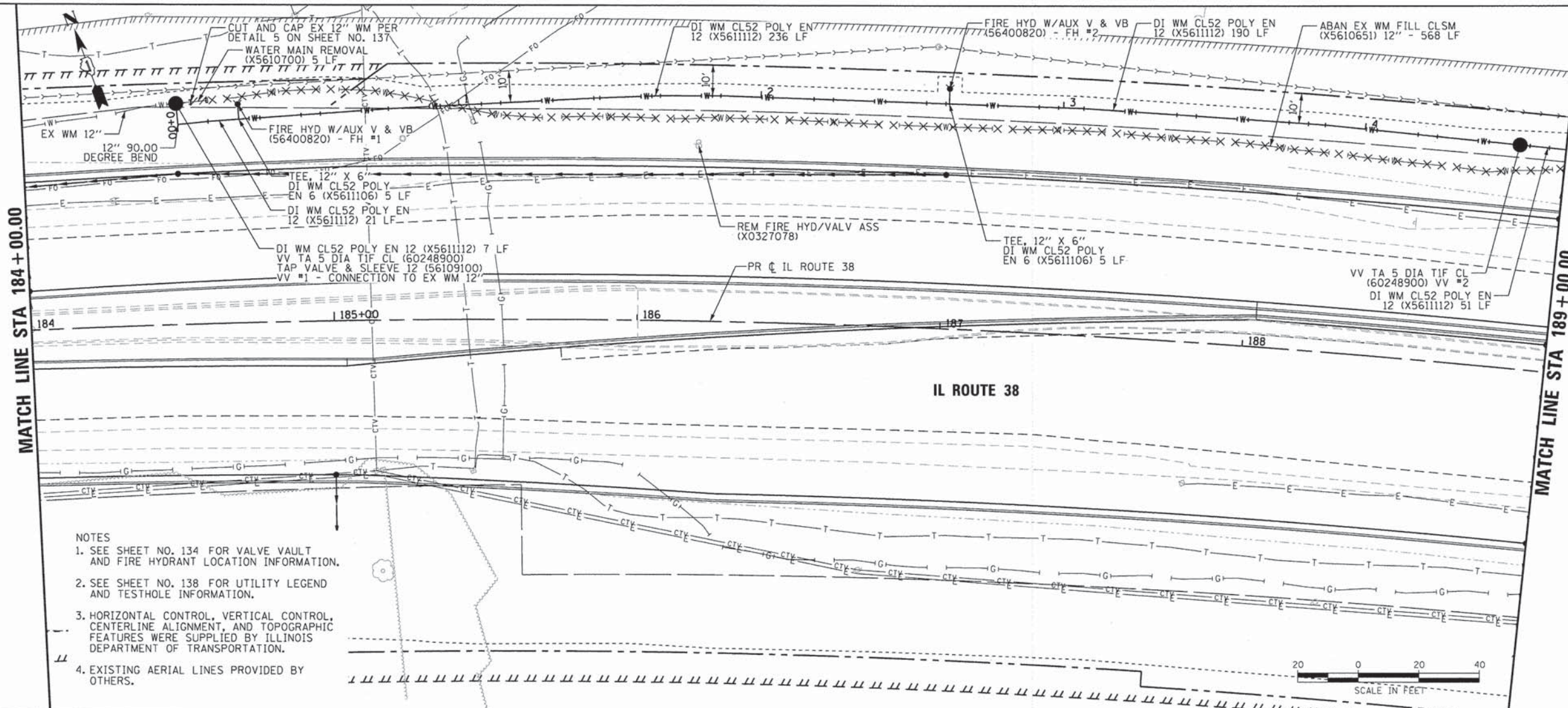
SCALE: 1" = 20' SHEET NO. 10 OF 14 SHEETS STA. 180+50.00 TO STA. 184+00.00

F.A.P. RTE. 347	SECTION 11-00210-04-CH	COUNTY DUPAGE	TOTAL SHEETS 304	SHEET NO. 141
CONTRACT NO. 63849				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	ALIGNED	
	PT. OF WAY CHECKED	
	ROAD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	
	B.M. NOTED	
	STRUCTURE NOTATIONS CIPAD	
	NO.	

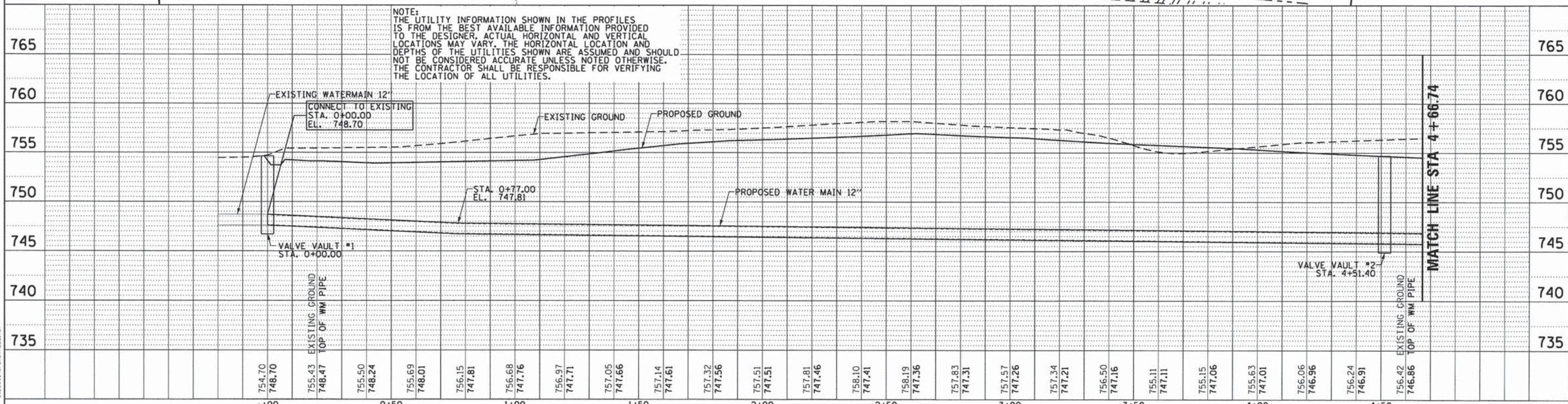
COMPANY NAME: HDR, INC.
 PROJECT CONTACT: DAVID WONG, P.E.
 CLIENT: DUPAGE COUNTY DIVISION OF TRANSPORTATION
 DATE PLOTTED: 8/29/2014 11:26:23 AM
 FILE NAME: D1200994_SHT_UTILITY_11.DGN
 PLOT DRIVER: PEN TABLE
 D1200994_PEN_TABLE.rvt



- NOTES
- SEE SHEET NO. 134 FOR VALVE VAULT AND FIRE HYDRANT LOCATION INFORMATION.
 - SEE SHEET NO. 138 FOR UTILITY LEGEND AND TESTHOLE INFORMATION.
 - HORIZONTAL CONTROL, VERTICAL CONTROL, CENTERLINE ALIGNMENT, AND TOPOGRAPHIC FEATURES WERE SUPPLIED BY ILLINOIS DEPARTMENT OF TRANSPORTATION.
 - EXISTING AERIAL LINES PROVIDED BY OTHERS.



NOTE: THE UTILITY INFORMATION SHOWN IN THE PROFILES IS FROM THE BEST AVAILABLE INFORMATION PROVIDED TO THE DESIGNER. ACTUAL HORIZONTAL AND VERTICAL LOCATIONS MAY VARY. THE HORIZONTAL LOCATION AND DEPTHS OF THE UTILITIES SHOWN ARE ASSUMED AND SHOULD NOT BE CONSIDERED ACCURATE UNLESS NOTED OTHERWISE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES.



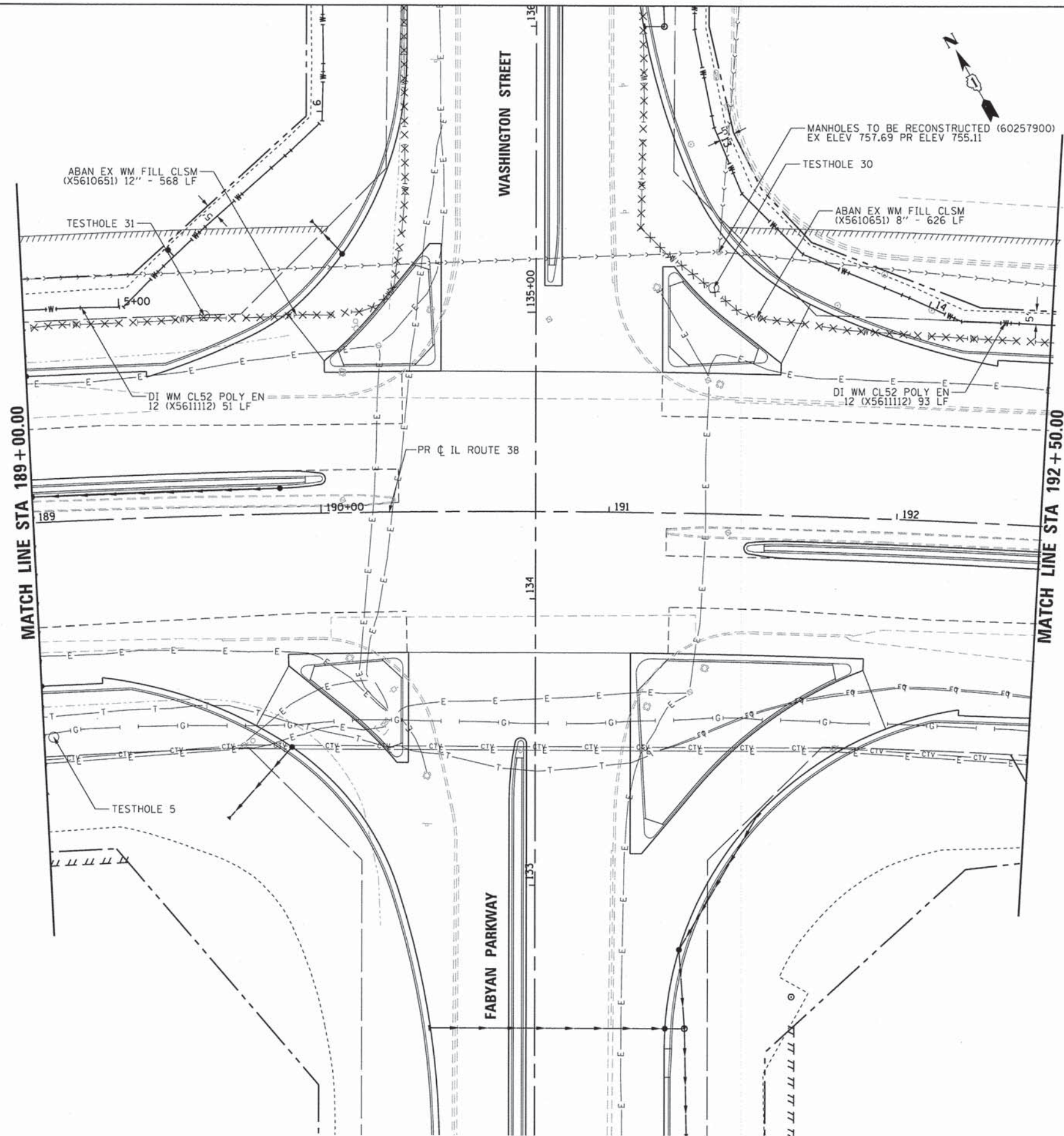
HDR ENGINEERING, INC. 8550 W. BRYN MAWR AVE. CHICAGO, IL 60631	USER NAME = bzeman FILE NAME = D1200994_SHT_UTILITY_11.DGN PLOT SCALE = 20.0000' / 1"	DESIGNED - MRK DRAWN - TJS CHECKED - EGB DATE - 08-18-14	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	UTILITY PLAN AND PROFILE IL ROUTE 38	F.A.P. RTE. 347 SECTION 11-00210-04-CH COUNTY DUPAGE TOTAL SHEETS 304 SHEET NO. 142 CONTRACT NO. 63849
	PLOT DATE = 8/29/2014 DATE - 08-18-14	SCALE: 1" = 20' SHEET NO. 11 OF 14 SHEETS STA. 184+00.00 TO STA. 189+00.00	FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT			

PLAN	REVISION	DATE
NO.	BY	
NOTE BOOK	ALIGNED CHECKED	
	GRADES CHECKED	
	STATUS CHECKED	
	FILE NAME	

PROFILE	REVISION	DATE
NO.	BY	
NOTE BOOK	GRADES CHECKED	
	STATUS CHECKED	
	FILE NAME	

COMPANY NAME: HDR, INC.
 PROJECT CONTACT: DAVID WONG, P.E.
 CLIENT: DUPAGE COUNTY DIVISION OF TRANSPORTATION
 DATE PLOTTED: 8/29/2014 11:08:32 AM
 FILE NAME: D:\200994_SHT_UTILTY_I2.DGN
 PLOT DRIVER: PLOTDRIVER.PEN
 PEN TABLE: D:\200994_PEN_TABLE.TBL

- NOTES
- SEE SHEET NO. 134 FOR VALVE VAULT AND FIRE HYDRANT LOCATION INFORMATION.
 - SEE SHEET NO. 138 FOR UTILITY LEGEND AND TESTHOLE INFORMATION.
 - HORIZONTAL CONTROL, VERTICAL CONTROL, CENTERLINE ALIGNMENT, AND TOPOGRAPHIC FEATURES WERE SUPPLIED BY ILLINOIS DEPARTMENT OF TRANSPORTATION.
 - EXISTING AERIAL LINES PROVIDED BY OTHERS.



USER NAME = bzeaman	DESIGNED - MRK	REVISED -
FILE NAME = D:\200994_SHT_UTILTY_I2.DGN	DRAWN - TJS	REVISED -
PLOT SCALE = 20,0000' / 1"	CHECKED - EGB	REVISED -
PLOT DATE = 8/29/2014	DATE - 08-18-14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

UTILITY PLAN AND PROFILE
IL ROUTE 38

SCALE: 1"= 20' SHEET NO. 12 OF 14 SHEETS STA. 189+00.00 TO STA. 192+50.00

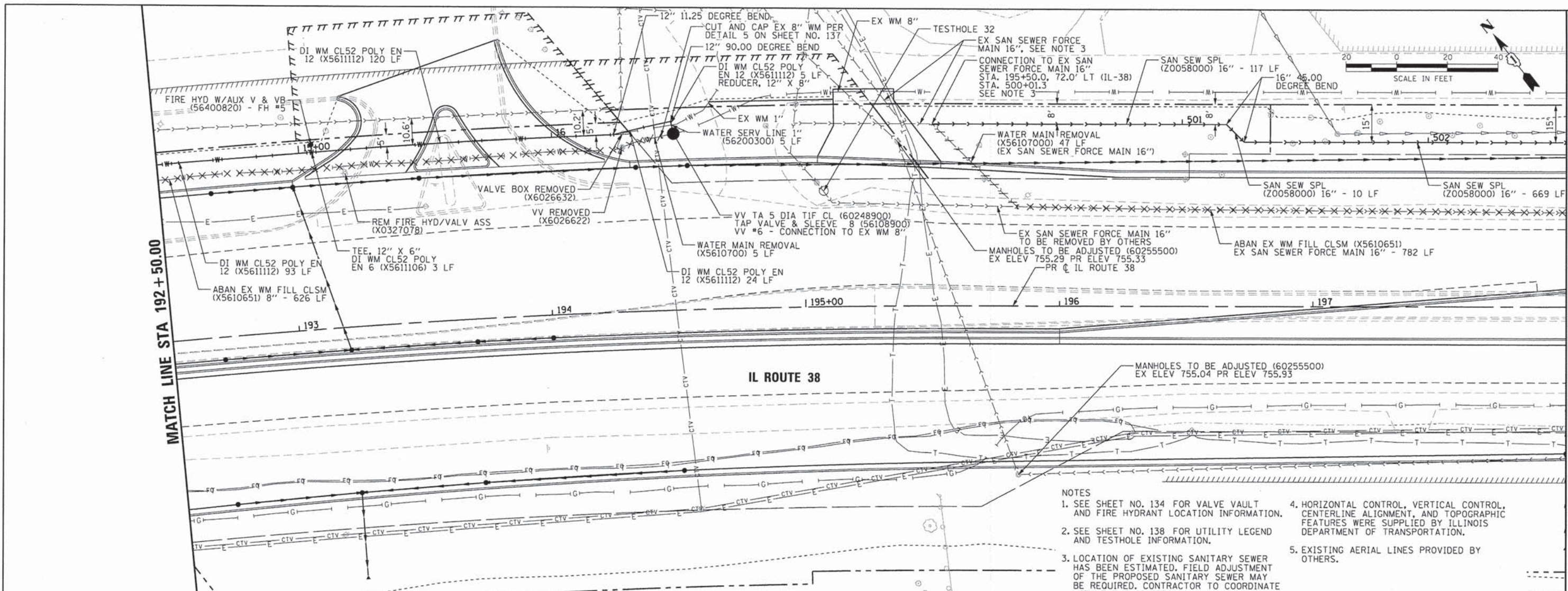
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	143
CONTRACT NO. 63849				

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

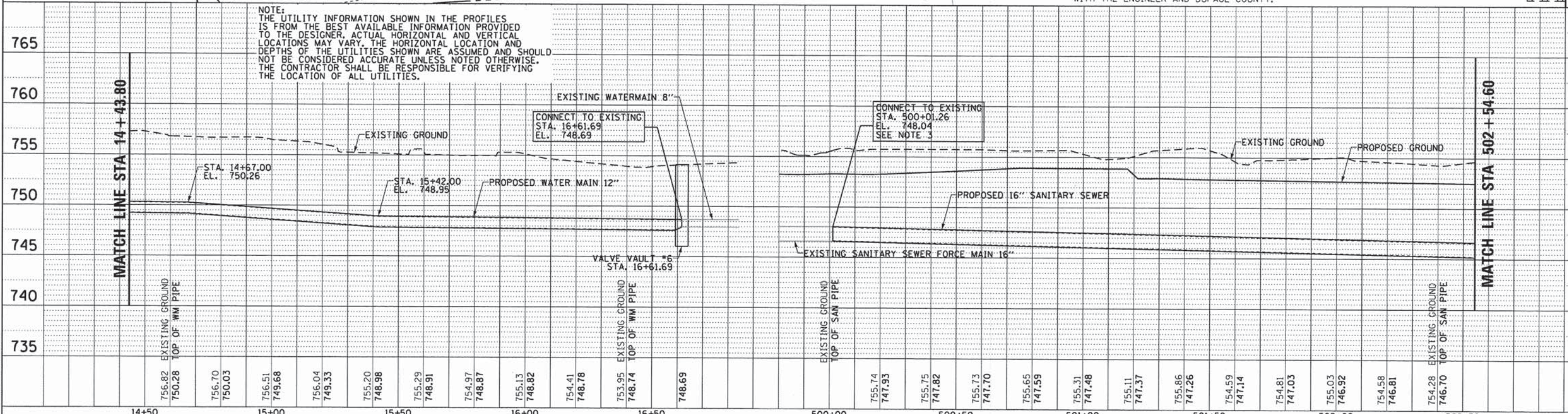
PLAN	SURVEYED	BY	DATE
	NOTED		
	FILED		
	NO. OF WAY CHECKED		
	PAID FILE NAME		

PROFILE	SURVEYED	BY	DATE
	NOTED		
	FILED		
	NO. OF WAY CHECKED		
	PAID FILE NAME		

HR ENGINEERING, INC.
 8550 W. BRYN MAWR AVE.
 CHICAGO, IL 60631
 PROJECT CONTACT: DAVID WONG, P.E.
 CLIENT: DUPAGE COUNTY DIVISION OF TRANSPORTATION
 DATE PLOTTED: 8/29/2014 11:28:42 AM
 FILE NAME: D1200994_SHT_UTILITY_I13.DGN
 PLOT DRIVER: D1200994_PEN_TABLE.rvt



- NOTES
- SEE SHEET NO. 134 FOR VALVE VAULT AND FIRE HYDRANT LOCATION INFORMATION.
 - SEE SHEET NO. 138 FOR UTILITY LEGEND AND TESTHOLE INFORMATION.
 - LOCATION OF EXISTING SANITARY SEWER HAS BEEN ESTIMATED. FIELD ADJUSTMENT OF THE PROPOSED SANITARY SEWER MAY BE REQUIRED. CONTRACTOR TO COORDINATE WITH THE ENGINEER AND DUPAGE COUNTY.
 - HORIZONTAL CONTROL, VERTICAL CONTROL, CENTERLINE ALIGNMENT, AND TOPOGRAPHIC FEATURES WERE SUPPLIED BY ILLINOIS DEPARTMENT OF TRANSPORTATION.
 - EXISTING AERIAL LINES PROVIDED BY OTHERS.



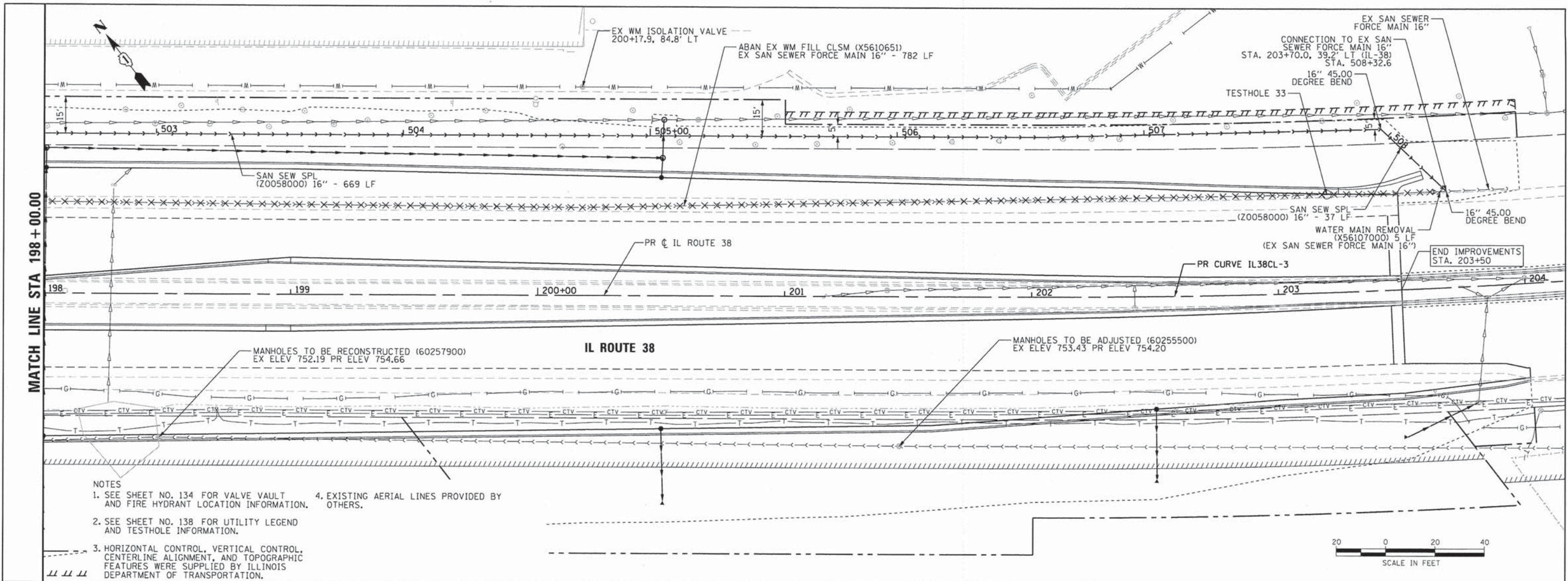
NOTE:
 THE UTILITY INFORMATION SHOWN IN THE PROFILES IS FROM THE BEST AVAILABLE INFORMATION PROVIDED TO THE DESIGNER. ACTUAL HORIZONTAL AND VERTICAL LOCATIONS MAY VARY. THE HORIZONTAL LOCATION AND DEPTHS OF THE UTILITIES SHOWN ARE ASSUMED AND SHOULD NOT BE CONSIDERED ACCURATE UNLESS NOTED OTHERWISE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES.

USER NAME = bzeaman FILE NAME = D1200994_SHT_UTILITY_I13.DGN PLOT SCALE = 20.0000' / 1"	DESIGNED - MRK DRAWN - TJS CHECKED - EGB DATE - 08-18-14	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		UTILITY PLAN AND PROFILE IL ROUTE 38		F.A.P. RTE. 347 SECTION 11-00210-04-CH COUNTY DUPAGE TOTAL SHEETS 304 SHEET NO. 144 CONTRACT NO. 63849
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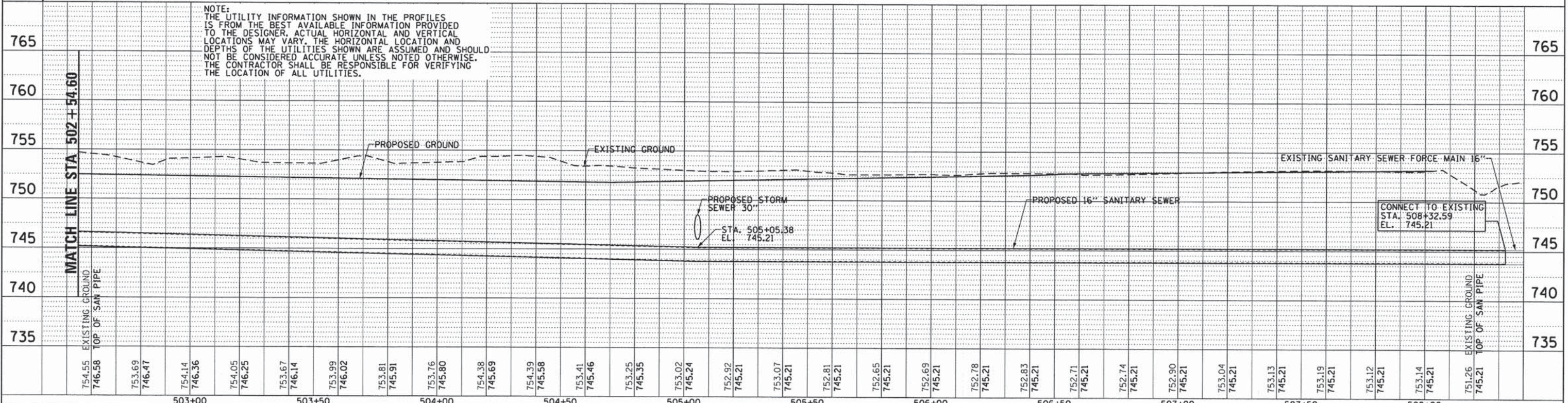
DATE	
BY	
PLAN	
SURVEYED	
PLOTTED	
CHECKED	
DATE	
NOTE BOOK	
NO.	
FILE NAME	

DATE	
BY	
PROFILE	
SURVEYED	
PLOTTED	
CHECKED	
DATE	
NOTE BOOK	
NO.	
FILE NAME	

COMPANY NAME: HDR, INC.
 PROJECT CONTACT: JAMES W. HONG, P.E.
 CLIENT: ILLINOIS DIVISION OF TRANSPORTATION
 DATE PLOTTED: 8/29/2014 11:28:50 AM
 FILE NAME: D1200994_SHT_UTILITY_ILDGN
 PLOT DRIVER: D1200994_PEN_TABLE.DWG
 PEN TABLE:



- NOTES
- SEE SHEET NO. 134 FOR VALVE VAULT AND FIRE HYDRANT LOCATION INFORMATION.
 - SEE SHEET NO. 138 FOR UTILITY LEGEND AND TESTHOLE INFORMATION.
 - HORIZONTAL CONTROL, VERTICAL CONTROL, CENTERLINE ALIGNMENT, AND TOPOGRAPHIC FEATURES WERE SUPPLIED BY ILLINOIS DEPARTMENT OF TRANSPORTATION.
 - EXISTING AERIAL LINES PROVIDED BY OTHERS.



503+00	503+50	504+00	504+50	505+00	505+50	506+00	506+50	507+00	507+50	508+00									
754.55	753.69	754.14	753.76	753.02	752.92	752.81	752.65	752.69	752.78	752.83	752.71	752.74	752.90	753.04	753.13	753.19	753.12	753.14	751.26
746.58	746.47	746.36	746.25	746.02	745.21	745.21	745.21	745.21	745.21	745.21	745.21	745.21	745.21	745.21	745.21	745.21	745.21	745.21	745.21

HR HDR ENGINEERING, INC.
 8550 N. BRYN MAWR AVE.
 CHICAGO, IL 60631

USER NAME = bzeeman	DESIGNED - MRK	REVISED -
FILE NAME = D1200994_SHT_UTILITY_14.DGN	DRAWN - TJS	REVISED -
PLOT SCALE = 20.0000' / 1"	CHECKED - EGB	REVISED -
PLOT DATE = 8/29/2014	DATE - 08-18-14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

UTILITY PLAN AND PROFILE
IL ROUTE 38
 SCALE: 1" = 20'
 SHEET NO. 14 OF 14 SHEETS
 STA. 198+00.00 TO STA. 203+50.00

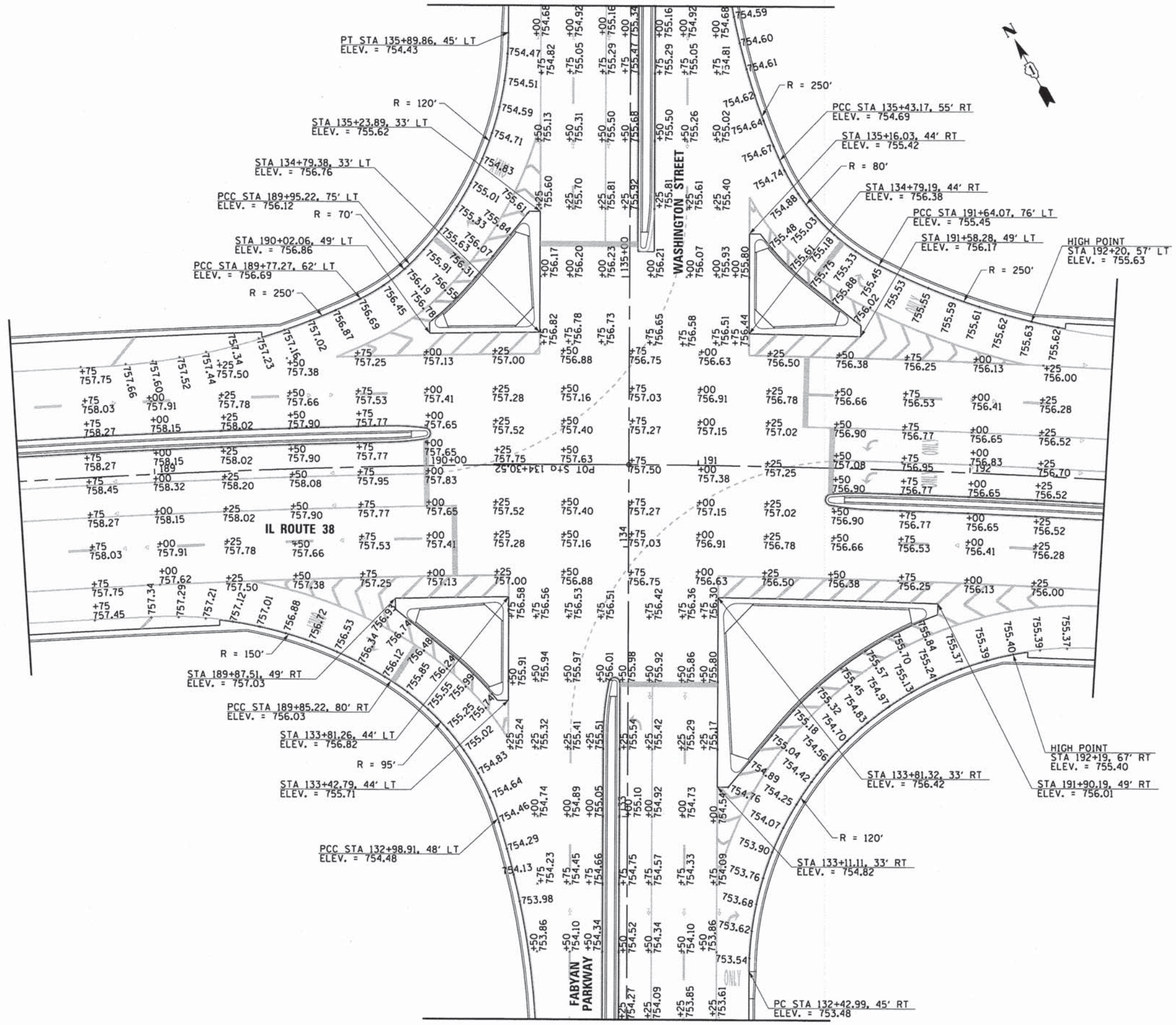
F.A.P. RTE. 347	SECTION 11-00210-04-CH	COUNTY DUPAGE	TOTAL SHEETS 304	SHEET NO. 145
CONTRACT NO. 63849			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

PLAN	SUBMITTED	BY	DATE
NOTE BOOK NO.	ALIGNED		
	CHECKED		
	FILE NAME		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	CHECKED		
	STRUCTURE		
	NOTATIONS		
	CHKD		

COMPANY NAME: HDR, INC.
 PROJECT CONTACT: DAVID WONG, P.E.
 PROJECT: DIVISION OF TRANSPORTATION
 DATE PLOTTED: 8/29/2014
 FILE NAME: D1200994_SHT_INT.DGN
 PLOT DRIVER: D1200994_SHT_INT.DGN
 PEN TABLE: D1200994_PEN_TABLE.TM

NOTE:
 1. CURB RETURN ELEVATIONS ARE SHOWN AT 10' INCREMENTS.



HDR ENGINEERING, INC. 8550 N. BRYN MAWR AVE. CHICAGO, IL 60631	USER NAME = bzeaman FILE NAME = D1200994_SHT_INT_01.DGN PLOT SCALE = 20.0000' / in. PLOT DATE = 8/29/2014	DESIGNED - BJZ DRAWN - BJZ CHECKED - DWV DATE - 08-18-14	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		INTERSECTION DETAIL SHEET		F.A.P. RTE. 347 SECTION 11-00210-04-CH COUNTY DUPAGE TOTAL SHEETS 304 SHEET NO. 146
					SCALE: 1" = 20' SHEET NO. 1 OF 1 SHEETS STA. 189+00.00 TO STA. 192+50.00	CONTRACT NO. 63849 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		

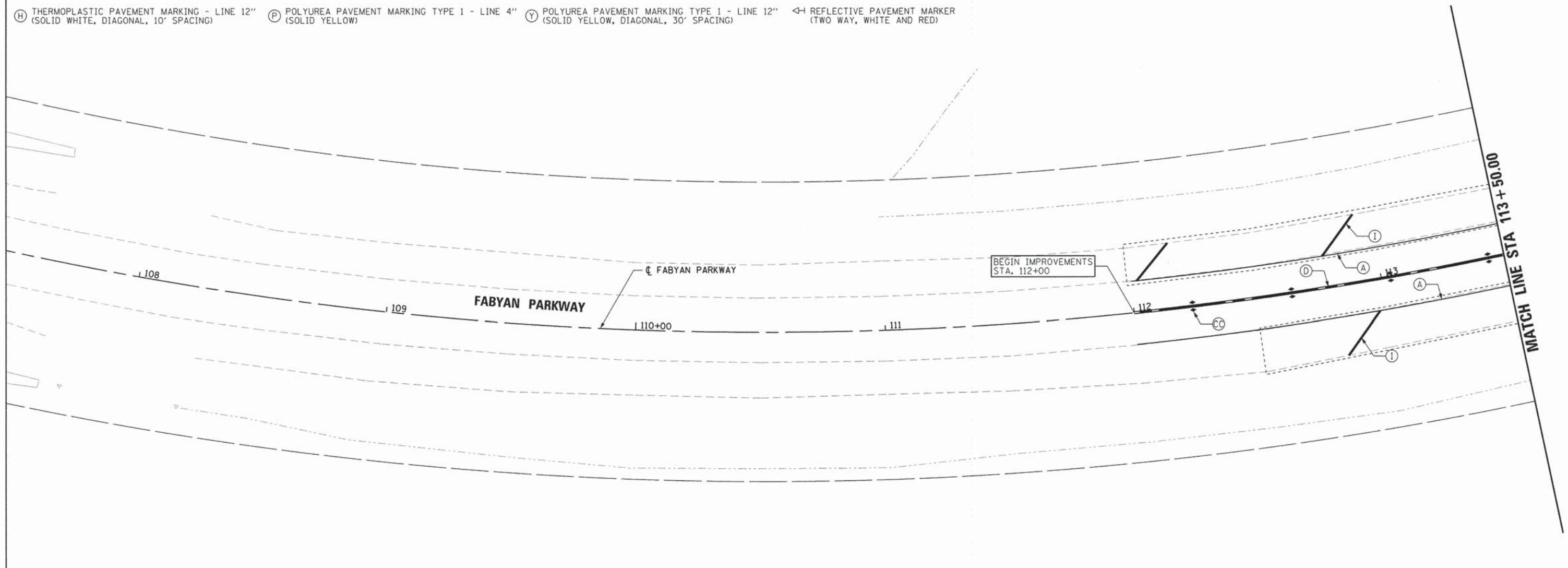
PAVEMENT MARKING LEGEND

- | | | | |
|--|---|---|---|
| (A) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE) | (I) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID WHITE, DIAGONAL, 75' SPACING) | (R) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4" (SOLID YELLOW WITH SKIP-DASH, 10' DASH, 30' SKIP - 5.5" C-C SPACING) | (Z) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 24" (SOLID WHITE) |
| (B) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SKIP-DASH, WHITE, 10' DASH, 30' SKIP) | (J) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID WHITE, DIAGONAL, 150' SPACING) | (S) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4" (DOUBLE SOLID YELLOW - 11" C-C SPACING) | (AA) POLYUREA PAVEMENT MARKING TYPE 1 - LETTERS AND SYMBOLS (SOLID WHITE) |
| (C) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID YELLOW) | (K) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID YELLOW, DIAGONAL, 30' SPACING) | (T) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 6" (SOLID WHITE) | (BB) RAISED REFLECTIVE PAVEMENT MARKER |
| (D) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE SOLID YELLOW - 11" C-C SPACING) | (L) THERMOPLASTIC PAVEMENT MARKING - LINE 24" (SOLID WHITE) | (U) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 6" (SKIP-DASH, WHITE, 2' DASH, 6' SKIP) | (CC) RECESSED REFLECTIVE PAVEMENT MARKER |
| (E) THERMOPLASTIC PAVEMENT MARKING - LINE 6" (SOLID WHITE) | (M) THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (SOLID WHITE) | (V) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 8" (SOLID WHITE) | (◁) REFLECTIVE PAVEMENT MARKER (ONE WAY, CRYSTAL) |
| (F) THERMOPLASTIC PAVEMENT MARKING - LINE 6" (SKIP-DASH, WHITE, 2' DASH, 6' SKIP) | (N) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4" (SOLID WHITE) | (W) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 12" (SOLID WHITE, DIAGONAL, 10' SPACING) | (◄) REFLECTIVE PAVEMENT MARKER (ONE WAY, AMBER) |
| (G) THERMOPLASTIC PAVEMENT MARKING - LINE 8" (SOLID WHITE) | (O) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4" (SKIP-DASH, WHITE, 10' DASH, 30' SKIP) | (X) NOT USED | (◆) REFLECTIVE PAVEMENT MARKER (TWO WAY, AMBER) |
| (H) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID WHITE, DIAGONAL, 10' SPACING) | (P) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4" (SOLID YELLOW) | (Y) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 12" (SOLID YELLOW, DIAGONAL, 30' SPACING) | (◄◄) REFLECTIVE PAVEMENT MARKER (TWO WAY, WHITE AND RED) |



PLAN	DATE
BY	
NOTED	
CHECKED	
DATE	
BY	
NOTED	
CHECKED	
DATE	
BY	

PROFILE	DATE
BY	
NOTED	
CHECKED	
DATE	
BY	
NOTED	
CHECKED	
DATE	
BY	



LANDSCAPING LEGEND

- | | |
|--|--|
| | SEEDING CLASS 2A WITH EROSION CONTROL BLANKET TOPSOIL F&P 6" |
| | SEEDING CLASS 2A WITH EROSION CONTROL BLANKET TOPSOIL F&P 30" |
| | SEEDING (SPECIAL) WITH EROSION CONTROL BLANKET TOPSOIL F&P 6" |
| | SEEDING CLASS 4B (SPECIAL) WITH EROSION CONTROL BLANKET TOPSOIL F&P 6" |
| | PR TREE |

ROW LEGEND

- | | |
|--|-------------------------|
| | EXISTING R.O.W. |
| | PROPOSED R.O.W. |
| | PROPOSED TEMP. EASEMENT |
| | PROPOSED PERM. EASEMENT |
| | CONSTRUCTION LIMITS |

TREE LEGEND

- | | |
|-----|-----------------------------|
| (1) | COMMON HACKBERRY |
| (2) | THORNLESS COCKSPUR HAWTHORN |
| (3) | NOT USED |
| (4) | KENTUCKY COFFEETREE |
| (5) | SNOWDRIFT CRABAPPLE |
| (6) | SWAMP WHITE OAK |

- NOTES:**
- (R)=SIGN TO BE REMOVED
(P)=PROPOSED SIGN
 - TREE LOCATIONS SHOWN ARE APPROXIMATE. CONTRACTOR MUST LAY OUT PROPOSED LOCATIONS AND RECEIVE APPROVAL FROM ENGINEER PRIOR TO INSTALLATION.



COMPANY NAME: HSR, INC.
 PROJECT CONTACT: DAVID WONG, P.E.
 CLIENT: DUPAGE COUNTY DIVISION OF TRANSPORTATION
 DATE PLOTTED: 9/9/2014 4:44:04 PM
 FILE NAME: D:\200994_SHT_PMLS.01.DGN
 PLOT DRIVER: D:\200994_REV1.TAB, E:\20

	HDR ENGINEERING, INC. 8550 W. BRYN MAWR AVE. CHICAGO, IL 60631
USER NAME = bzeman	DESIGNED - BJZ
FILE NAME = D:\200994_SHT_PMLS.01.DGN	DRAWN - BJZ
PLOT SCALE = 28.0000' / 1"	CHECKED - DWW
PLOT DATE = 9/9/2014	DATE - 08-18-14
	REVISED -
	REVISED -
	REVISED -
	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

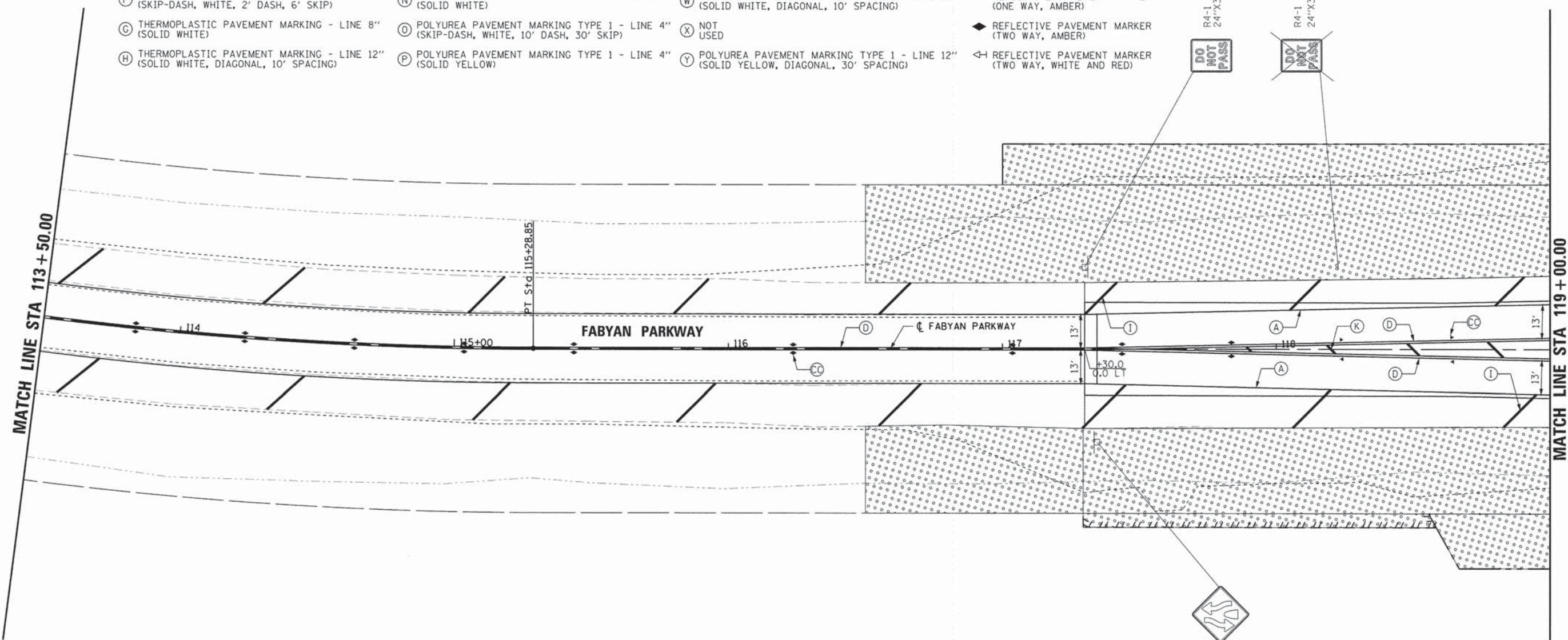
**PAVEMENT MARKING/LANDSCAPING/SIGNING PLAN
FABYAN PARKWAY**

SCALE: 1" = 20' SHEET NO. 1 OF 13 SHEETS STA. 107+50.00 TO STA. 113+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	147
CONTRACT NO. 63849				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING LEGEND

- (A) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE)
- (B) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SKIP-DASH, WHITE, 10' DASH, 30' SKIP)
- (C) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
- (D) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE SOLID YELLOW - 11" C-C SPACING)
- (E) THERMOPLASTIC PAVEMENT MARKING - LINE 6" (SOLID WHITE)
- (F) THERMOPLASTIC PAVEMENT MARKING - LINE 6" (SKIP-DASH, WHITE, 2' DASH, 6' SKIP)
- (G) THERMOPLASTIC PAVEMENT MARKING - LINE 8" (SOLID WHITE)
- (H) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID WHITE, DIAGONAL, 10' SPACING)
- (I) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID WHITE, DIAGONAL, 75' SPACING)
- (J) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID WHITE, DIAGONAL, 150' SPACING)
- (K) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID YELLOW, DIAGONAL, 30' SPACING)
- (L) THERMOPLASTIC PAVEMENT MARKING - LINE 24" (SOLID WHITE)
- (M) THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (SOLID WHITE)
- (N) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4" (SOLID WHITE)
- (O) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4" (SKIP-DASH, WHITE, 10' DASH, 30' SKIP)
- (P) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4" (SOLID YELLOW)
- (R) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4" (SOLID YELLOW WITH SKIP-DASH, 10' DASH, 30' SKIP - 5.5" C-C SPACING)
- (S) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4" (DOUBLE SOLID YELLOW - 11" C-C SPACING)
- (T) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 6" (SOLID WHITE)
- (U) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 6" (SKIP-DASH, WHITE, 2' DASH, 6' SKIP)
- (V) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 8" (SOLID WHITE)
- (W) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 12" (SOLID WHITE, DIAGONAL, 10' SPACING)
- (X) NOT USED
- (Y) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 12" (SOLID YELLOW, DIAGONAL, 30' SPACING)
- (Z) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 24" (SOLID WHITE)
- (AA) POLYUREA PAVEMENT MARKING TYPE 1 - LETTERS AND SYMBOLS (SOLID WHITE)
- (AB) RAISED REFLECTIVE PAVEMENT MARKER
- (AC) RECESSED REFLECTIVE PAVEMENT MARKER
- (AD) REFLECTIVE PAVEMENT MARKER (ONE WAY, CRYSTAL)
- (AE) REFLECTIVE PAVEMENT MARKER (ONE WAY, AMBER)
- (AF) REFLECTIVE PAVEMENT MARKER (TWO WAY, AMBER)
- (AG) REFLECTIVE PAVEMENT MARKER (TWO WAY, WHITE AND RED)



LANDSCAPING LEGEND

- SEEDING CLASS 2A WITH EROSION CONTROL BLANKET TOPSOIL F&P 6"
- SEEDING CLASS 2A WITH EROSION CONTROL BLANKET TOPSOIL F&P 30"
- SEEDING (SPECIAL) WITH EROSION CONTROL BLANKET TOPSOIL F&P 6"
- SEEDING CLASS 4B (SPECIAL) WITH EROSION CONTROL BLANKET TOPSOIL F&P 6"
- PR TREE

ROW LEGEND

- EXISTING R.O.W.
- PROPOSED R.O.W.
- PROPOSED TEMP. EASEMENT
- PROPOSED PERM. EASEMENT
- CONSTRUCTION LIMITS

TREE LEGEND

- (1) COMMON HACKBERRY
- (2) THORNLESS COCKSPUR HAWTHORN
- (3) NOT USED
- (4) KENTUCKY COFFEETREE
- (5) SNOWDRIFT CRABAPPLE
- (6) SWAMP WHITE OAK

NOTES:

1. (R)=SIGN TO BE REMOVED (P)=PROPOSED SIGN
2. TREE LOCATIONS SHOWN ARE APPROXIMATE. CONTRACTOR MUST LAY OUT PROPOSED LOCATIONS AND RECEIVE APPROVAL FROM ENGINEER PRIOR TO INSTALLATION.



PLAN	NO.	DATE
SURVEYED	BY	
ALIGNED	BY	
CHECKED	BY	
RT. OF WAY	BY	
CHECKED	BY	
FILE NAME		

PROFILE	NO.	DATE
SURVEYED	BY	
GRADES	BY	
CHECKED	BY	
S.M. NOTED	BY	
STRUCTURE	BY	
NOTATIONS	BY	
CHKD	BY	

COMPANY NAME: HDR, INC.
 PROJECT CONTACT: DAVID WONG, P.E.
 CLIENT: DUPAGE COUNTY DIVISION OF TRANSPORTATION
 DATE PLOTTED: 9/9/2014 4:54:21 PM
 FILE NAME: D1200994_SHT_PMLS.02.DGN
 PLOT DRIVER: PLOTDRIVER
 PEN TABLE: D1200994_PEN_TBL.CAT

HDR ENGINEERING, INC.
 8550 W. BRYN MAWR AVE.
 CHICAGO, IL 60631

USER NAME = bzeman	DESIGNED - BJZ	REVISED -
FILE NAME = D1200994_SHT_PMLS.02.DGN	DRAWN - BJZ	REVISED -
PLOT SCALE = 20.0000' / 1"	CHECKED - DWW	REVISED -
PLOT DATE = 9/9/2014	DATE - 08-18-14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING/LANDSCAPING/SIGNING PLAN
FABYAN PARKWAY

SCALE: 1"= 20' SHEET NO. 2 OF 13 SHEETS STA. 113+50.00 TO STA. 119+00.00

F.A.P. RTE. 347	SECTION 11-00210-04-CH	COUNTY DUPAGE	TOTAL SHEETS 304	SHEET NO. 148
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				

CONTRACT NO. 63849

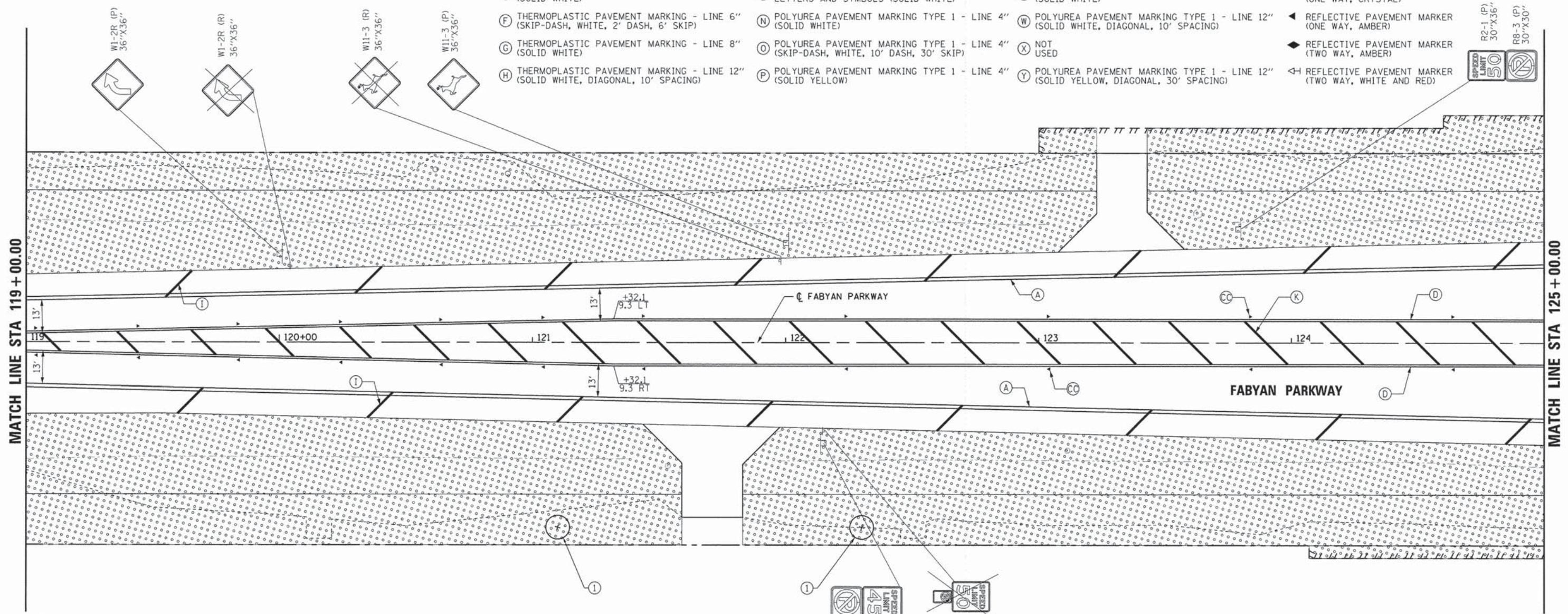
PAVEMENT MARKING LEGEND

- (A) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE)
- (B) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SKIP-DASH, WHITE, 10' DASH, 30' SKIP)
- (C) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
- (D) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE SOLID YELLOW - 11" C-C SPACING)
- (E) THERMOPLASTIC PAVEMENT MARKING - LINE 6" (SOLID WHITE)
- (F) THERMOPLASTIC PAVEMENT MARKING - LINE 6" (SKIP-DASH, WHITE, 2' DASH, 6' SKIP)
- (G) THERMOPLASTIC PAVEMENT MARKING - LINE 8" (SOLID WHITE)
- (H) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID WHITE, DIAGONAL, 10' SPACING)
- (I) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID WHITE, DIAGONAL, 75' SPACING)
- (J) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID WHITE, DIAGONAL, 150' SPACING)
- (K) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID YELLOW, DIAGONAL, 30' SPACING)
- (L) THERMOPLASTIC PAVEMENT MARKING - LINE 24" (SOLID WHITE)
- (M) THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (SOLID WHITE)
- (N) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4" (SOLID WHITE)
- (O) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4" (SKIP-DASH, WHITE, 10' DASH, 30' SKIP)
- (P) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4" (SOLID YELLOW)
- (R) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 8" (SOLID YELLOW WITH SKIP-DASH, 10' DASH, 30' SKIP - 5.5" C-C SPACING)
- (S) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4" (DOUBLE SOLID YELLOW - 11" C-C SPACING)
- (T) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 6" (SOLID WHITE)
- (U) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 6" (SKIP-DASH, WHITE, 2' DASH, 6' SKIP)
- (V) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 8" (SOLID WHITE)
- (W) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 12" (SOLID WHITE, DIAGONAL, 10' SPACING)
- (X) NOT USED
- (Y) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 12" (SOLID YELLOW, DIAGONAL, 30' SPACING)
- (Z) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 24" (SOLID WHITE)
- (AA) POLYUREA PAVEMENT MARKING TYPE 1 - LETTERS AND SYMBOLS (SOLID WHITE)
- (BB) RAISED REFLECTIVE PAVEMENT MARKER
- (CC) RECESSED REFLECTIVE PAVEMENT MARKER
- ◁ REFLECTIVE PAVEMENT MARKER (ONE WAY, CRYSTAL)
- ◀ REFLECTIVE PAVEMENT MARKER (ONE WAY, AMBER)
- ◆ REFLECTIVE PAVEMENT MARKER (TWO WAY, AMBER)
- ↔ REFLECTIVE PAVEMENT MARKER (TWO WAY, WHITE AND RED)



PL AN	REVISION	DATE
NO.	NO.	NO.
BY	BY	BY
DATE	DATE	DATE
NO.	NO.	NO.
NO.	NO.	NO.
NO.	NO.	NO.

PROFILE	REVISION	DATE
NO.	NO.	NO.
BY	BY	BY
DATE	DATE	DATE
NO.	NO.	NO.
NO.	NO.	NO.
NO.	NO.	NO.



LANDSCAPING LEGEND

- SEEDING CLASS 2A WITH EROSION CONTROL BLANKET TOPSOIL F&P 6"
- SEEDING CLASS 2A WITH EROSION CONTROL BLANKET TOPSOIL F&P 30"
- SEEDING (SPECIAL) WITH EROSION CONTROL BLANKET TOPSOIL F&P 6"
- SEEDING CLASS 4B (SPECIAL) WITH EROSION CONTROL BLANKET TOPSOIL F&P 6"
- PR TREE

ROW LEGEND

- EXISTING R.O.W.
- - - PROPOSED R.O.W.
- ||||| PROPOSED TEMP. EASEMENT
- /////// PROPOSED PERM. EASEMENT
- CONSTRUCTION LIMITS

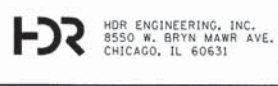
TREE LEGEND

- ① COMMON HACKBERRY
- ② THORNLESS COCKSPUR HAWTHORN
- ③ NOT USED
- ④ KENTUCKY COFFEETREE
- ⑤ SNOWDRIFT CRABAPPLE
- ⑥ SWAMP WHITE OAK

NOTES:
 1. (R)=SIGN TO BE REMOVED
 (P)=PROPOSED SIGN
 2. TREE LOCATIONS SHOWN ARE APPROXIMATE. CONTRACTOR MUST LAY OUT PROPOSED LOCATIONS AND RECEIVE APPROVAL FROM ENGINEER PRIOR TO INSTALLATION.



COMPANY NAME: HDR, INC.
 PROJECT CONTACT: DAVID WONG, P.E.
 CLIENT: DUPAGE COUNTY DIVISION OF TRANSPORTATION
 DATE PLOTTED: 9/9/2014 4:56:09 PM
 FILE NAME: D:\200994_SHT_PML.S.DWG
 PLOT DRIVER: PLOTDRIVER.PEN TABLE: 64



USER NAME =	bjzman	DESIGNED -	BJZ	REVISED -	
FILE NAME =	D:\200994_SHT_PML.S.DWG	DRAWN -	BJZ	REVISED -	
PLOT SCALE =	20.0000' / 1" =	CHECKED -	DWW	REVISED -	
PLOT DATE =	9/9/2014	DATE -	08-18-14	REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING/LANDSCAPING/SIGNING PLAN
 FABYAN PARKWAY
 SCALE: 1"= 20' SHEET NO. 3 OF 13 SHEETS STA. 119+00.00 TO STA. 125+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	149
				CONTRACT NO. 63849
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

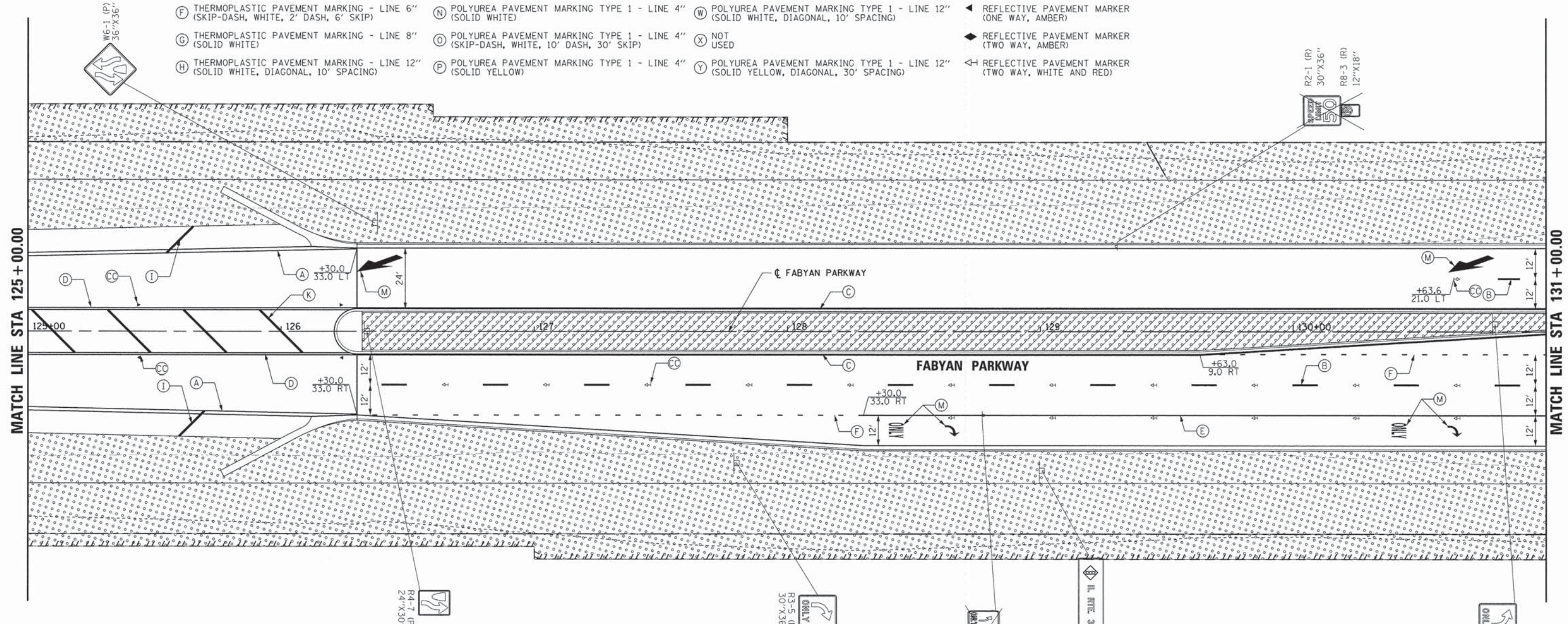
PAVEMENT MARKING LEGEND

- (A) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE)
- (B) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SKIP-DASH, WHITE, 10' DASH, 30' SKIP)
- (C) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
- (D) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE SOLID YELLOW - 11" C-C SPACING)
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- (F) THERMOPLASTIC PAVEMENT MARKING - LINE 6" (SKIP-DASH, WHITE, 2' DASH, 6' SKIP)
- (G) THERMOPLASTIC PAVEMENT MARKING - LINE 8" (SOLID WHITE)
- (H) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID WHITE, DIAGONAL, 10' SPACING)
- (I) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID WHITE, DIAGONAL, 75' SPACING)
- (J) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID WHITE, DIAGONAL, 150' SPACING)
- (K) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID YELLOW, DIAGONAL, 30' SPACING)
- (L) THERMOPLASTIC PAVEMENT MARKING - LINE 24" (SOLID WHITE)
- (M) THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (SOLID WHITE)
- (N) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4" (SOLID WHITE)
- (O) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4" (SKIP-DASH, WHITE, 10' DASH, 30' SKIP)
- (P) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4" (SOLID YELLOW)
- (R) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4" (SOLID YELLOW WITH SKIP-DASH, 10' DASH, 30' SKIP - 5.5" C-C SPACING)
- (S) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4" (DOUBLE SOLID YELLOW - 11" C-C SPACING)
- (T) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 6" (SOLID WHITE)
- (U) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 6" (SKIP-DASH, WHITE, 2' DASH, 6' SKIP)
- (V) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 8" (SOLID WHITE)
- (W) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 12" (SOLID WHITE, DIAGONAL, 10' SPACING)
- (X) NOT USED
- (Y) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 12" (SOLID YELLOW, DIAGONAL, 30' SPACING)
- (Z) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 24" (SOLID WHITE)
- (AA) POLYUREA PAVEMENT MARKING TYPE 1 - LETTERS AND SYMBOLS (SOLID WHITE)
- (BB) RAISED REFLECTIVE PAVEMENT MARKER
- (CC) RECESSED REFLECTIVE PAVEMENT MARKER
- (◁) REFLECTIVE PAVEMENT MARKER (ONE WAY, CRYSTAL)
- (◄) REFLECTIVE PAVEMENT MARKER (ONE WAY, AMBER)
- (◆) REFLECTIVE PAVEMENT MARKER (TWO WAY, AMBER)
- (◄◄) REFLECTIVE PAVEMENT MARKER (TWO WAY, WHITE AND RED)



DATE	
BY	
SURVEYED	
ALIGNED	
CHECKED	
RT. OF WAY CHECKED	
NOTE BOOK NO.	
PL. AN.	
NO.	

DATE	
BY	
BORNEVED	
GRADES CHECKED	
S.M. NOTED	
STRUCTURE NOTATION CHFD	
NOTE BOOK NO.	
PROFILE	
NO.	



LANDSCAPING LEGEND

- SEEDING CLASS 2A WITH EROSION CONTROL BLANKET TOPSOIL F&P 6"
- SEEDING CLASS 2A WITH EROSION CONTROL BLANKET TOPSOIL F&P 30"
- SEEDING (SPECIAL) WITH EROSION CONTROL BLANKET TOPSOIL F&P 6"
- SEEDING CLASS 4B (SPECIAL) WITH EROSION CONTROL BLANKET TOPSOIL F&P 6"
- PR TREE

ROW LEGEND

- EXISTING R.O.W.
- PROPOSED R.O.W.
- PROPOSED TEMP. EASEMENT
- PROPOSED PERM. EASEMENT
- CONSTRUCTION LIMITS

TREE LEGEND

- (1) COMMON HACKBERRY
- (2) THORNLESS COCKSPUR HAWTHORN
- (3) NOT USED
- (4) KENTUCKY COFFEETREE
- (5) SNOWDRIFT CRABAPPLE
- (6) SWAMP WHITE OAK

NOTES:

1. (R)=SIGN TO BE REMOVED
(P)=PROPOSED SIGN
2. TREE LOCATIONS SHOWN ARE APPROXIMATE. CONTRACTOR MUST LAY OUT PROPOSED LOCATIONS AND RECEIVE APPROVAL FROM ENGINEER PRIOR TO INSTALLATION.



COMPANY NAME: HDR, INC.
 PROJECT CONTACT: DAVID WONG, P.E.
 CLIENT: DUPAGE COUNTY DIVISION OF TRANSPORTATION
 DATE PLOTTED: 9/9/2014 4:54:40 PM
 FILE NAME: D:\200994_SHT_PML.S_04.DGN
 PLOT DRIVER: PEN TABLET
 D:\200994_PEN_TABLET.TN

HDR
 HDR ENGINEERING, INC.
 8550 W. BRYN MAWR AVE.
 CHICAGO, IL 60631

USER NAME = bzezon	DESIGNED - BJJ	REVISED -
FILE NAME = D:\200994_SHT_PML.S_04.DGN	DRAWN - BJJ	REVISED -
PLOT SCALE = 20.0000' / 1" =	CHECKED - DWW	REVISED -
PLOT DATE = 9/9/2014	DATE - 08-18-14	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING/LANDSCAPING/SIGNING PLAN		
FABYAN PARKWAY		
SCALE: 1" = 20'	SHEET NO. 4 OF 13 SHEETS	STA. 125+00.00 TO STA. 131+00.00

F.A.P. RTE. 347	SECTION 11-00210-04-CH	COUNTY DUPAGE	TOTAL SHEETS 304	SHEET NO. 150
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63849	

PLAN	SURVEYED	DATE
	ALIGNED	BY
	CHECKED	
	NO. OF WAY	
	FILE NAME	

PROFILE	EXERCISED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	B.M. NOTED	
	STRUCTURE NOTATIONS CHECKED	

COMPANY NAME: HDR, INC.
 PROJECT CONTACT: DAVID WONG, P.E.
 CLIENT: DUPAGE COUNTY DIVISION OF TRANSPORTATION
 DATE PLOTTED: 9/9/2014 4:56:53 PM
 FILE NAME: D1200994_SHT_PML5_05.DGN
 PLOT DRIVER: PLOTDRIVER
 PEN TABLE: 01200994_PEN.tbl

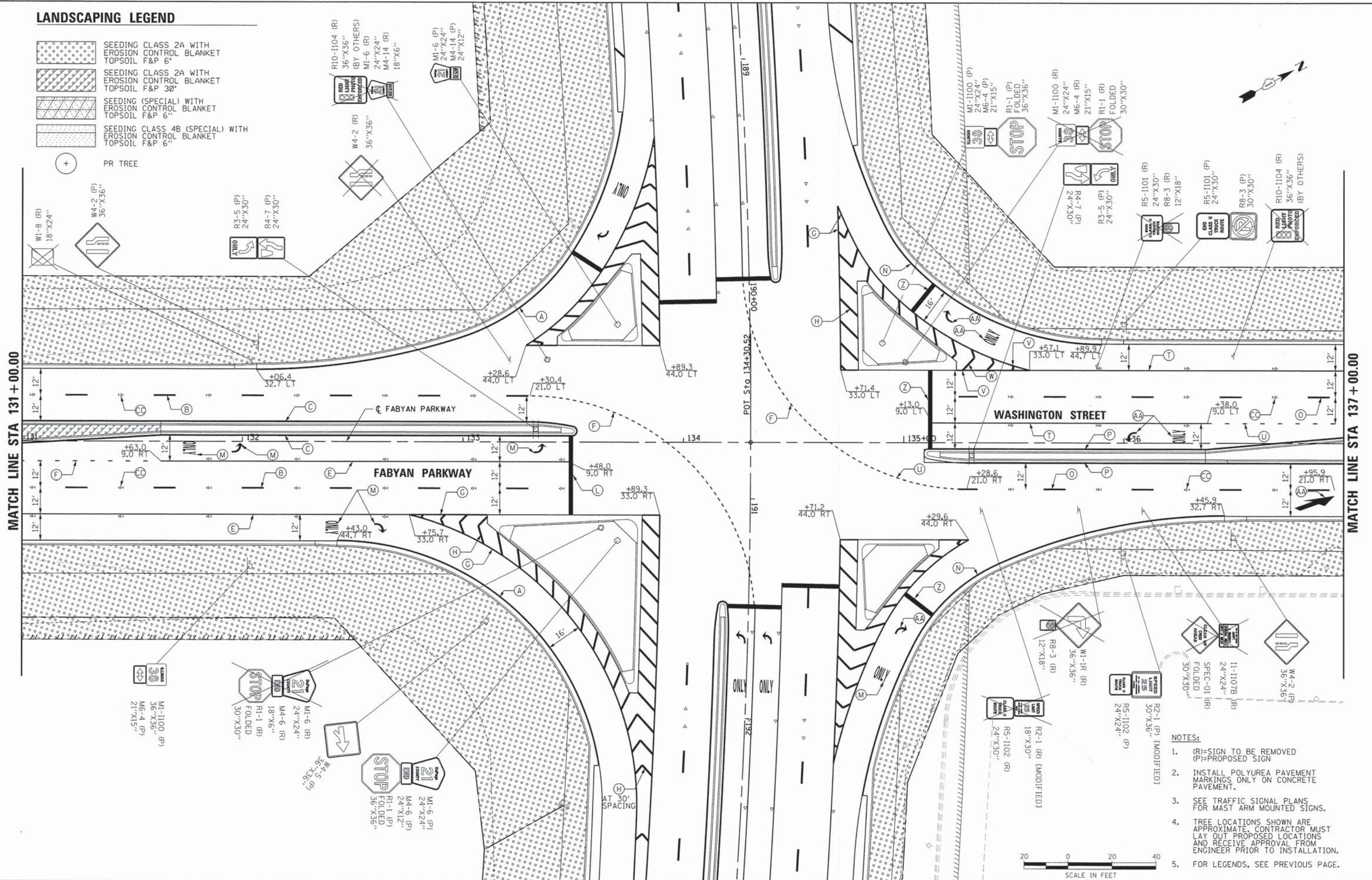
LANDSCAPING LEGEND

- SEEDING CLASS 2A WITH EROSION CONTROL BLANKET TOPSOIL F&P 6"
- SEEDING CLASS 2A WITH EROSION CONTROL BLANKET TOPSOIL F&P 30"
- SEEDING (SPECIAL) WITH EROSION CONTROL BLANKET TOPSOIL F&P 6"
- SEEDING CLASS 4B (SPECIAL) WITH EROSION CONTROL BLANKET TOPSOIL F&P 6"

PR TREE

MATCH LINE STA 131+00.00

MATCH LINE STA 137+00.00



- NOTES:
- (R)=SIGN TO BE REMOVED
(P)=PROPOSED SIGN
 - INSTALL POLYUREA PAVEMENT MARKINGS ONLY ON CONCRETE PAVEMENT.
 - SEE TRAFFIC SIGNAL PLANS FOR MAST ARM MOUNTED SIGNS.
 - TREE LOCATIONS SHOWN ARE APPROXIMATE. CONTRACTOR MUST LAY OUT PROPOSED LOCATIONS AND RECEIVE APPROVAL FROM ENGINEER PRIOR TO INSTALLATION.
 - FOR LEGENDS, SEE PREVIOUS PAGE.



HDR ENGINEERING, INC. 8550 W. BRYN MAWR AVE. CHICAGO, IL 60631	USER NAME = bzeman FILE NAME = D1200994_SHT_PML5_05.DGN PLOT SCALE = 20.0000' / 1" PLOT DATE = 9/9/2014	DESIGNED - BJZ DRAWN - BJZ CHECKED - DWW DATE - 08-18-14	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		PAVEMENT MARKING/LANDSCAPING/SIGNING PLAN FABYAN PARKWAY		F.A.P. RTE. 347 SECTION 11-00210-04-CH COUNTY DUPAGE TOTAL SHEETS 304 SHEET NO. 151 CONTRACT NO. 63849
	SCALE: 1"= 20' SHEET NO. 5 OF 13 SHEETS STA. 131+00.00 TO STA. 137+00.00				FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT			

LANDSCAPING LEGEND

-
-
-
-

+ PR TREE

ROW LEGEND

-
-
-
-
-

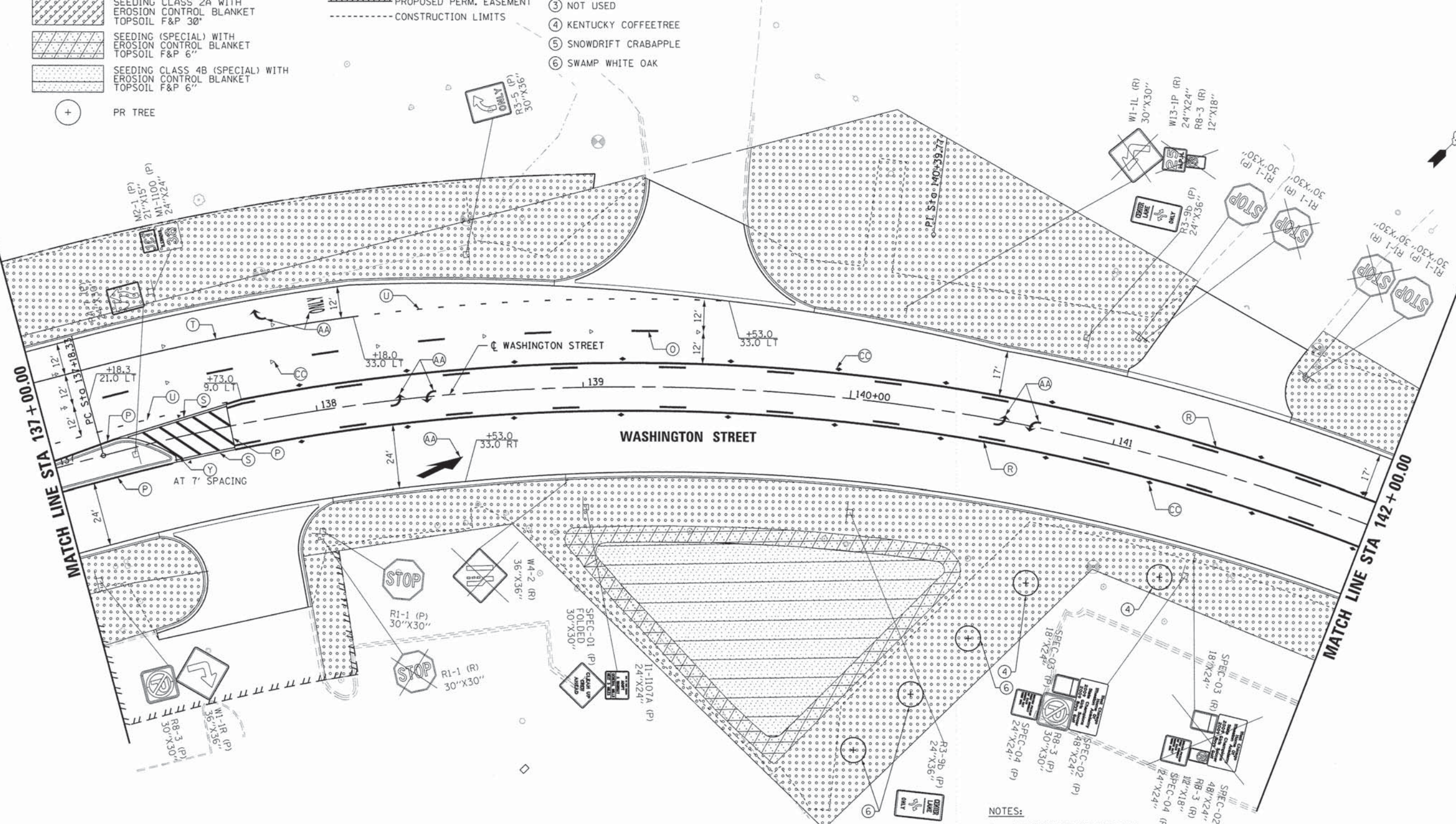
TREE LEGEND

- ① COMMON HACKBERRY
- ② THORNLESS COCKSPUR HAWTHORN
- ③ NOT USED
- ④ KENTUCKY COFFEETREE
- ⑤ SNOWDRIFT CRABAPPLE
- ⑥ SWAMP WHITE OAK

DATE	
BY	
REVIEWED	
PLANNED	
NOTED	
NO.	

DATE	
BY	
REVIEWED	
PLANNED	
NOTED	
NO.	

COMPANY NAME: HDR, INC.
 PROJECT CONTACT: DAVID WONG, P.E.
 CLIENT: DUPAGE COUNTY DIVISION OF TRANSPORTATION
 DATE PLOTTED: 9/9/2014 4:55:04 PM
 FILE NAME: D:\200994_SHT_PMLS_06.DGN
 PLOT DRIVER: PLOTDRIVER.PEN TABLE: Tbl



- NOTES:**
- (R)=SIGN TO BE REMOVED
(P)=PROPOSED SIGN
 - TREE LOCATIONS SHOWN ARE APPROXIMATE. CONTRACTOR MUST LAY OUT PROPOSED LOCATIONS AND RECEIVE APPROVAL FROM ENGINEER PRIOR TO INSTALLATION.
 - FOR PAVEMENT MARKING LEGEND, SEE NEXT PAGE.



USER NAME = bzeimon	DESIGNED - BJZ	REVISED -
FILE NAME = D:\200994_SHT_PMLS_06.DGN	DRAWN - BJZ	REVISED -
PLOT SCALE = 20.0000' / 1"	CHECKED - DWW	REVISED -
PLOT DATE = 9/9/2014	DATE - 08-18-14	REVISED -

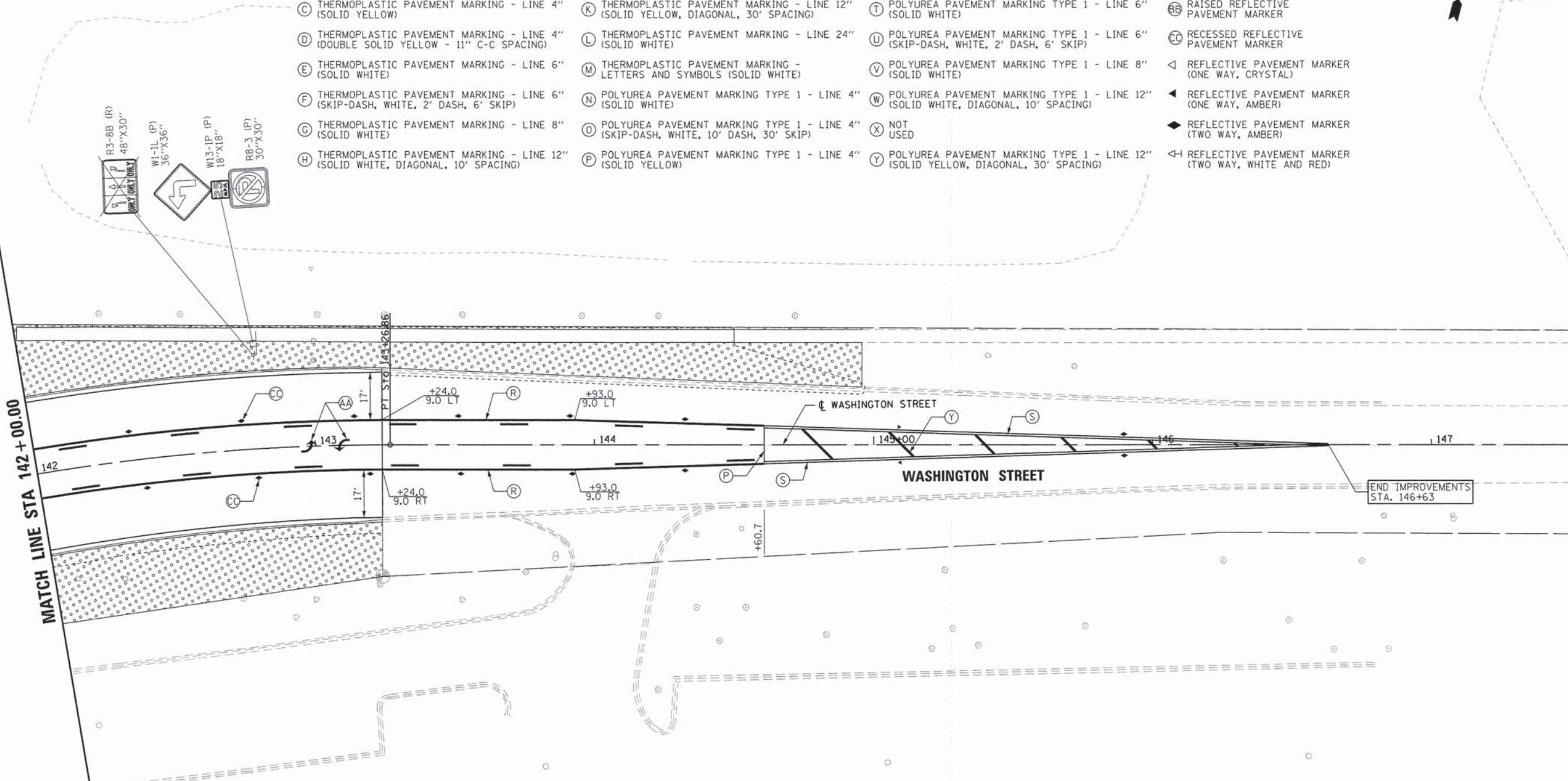
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING/LANDSCAPING/SIGNING PLAN
 FABYAN PARKWAY**
 SCALE: 1"= 20' SHEET NO. 6 OF 13 SHEETS STA. 137+00.00 TO STA. 142+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	152
CONTRACT NO. 63849				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING LEGEND

- (A) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE)
- (B) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SKIP-DASH, WHITE, 10' DASH, 30' SKIP)
- (C) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
- (D) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE SOLID YELLOW - 11" C-C SPACING)
- (E) THERMOPLASTIC PAVEMENT MARKING - LINE 6" (SOLID WHITE)
- (F) THERMOPLASTIC PAVEMENT MARKING - LINE 6" (SKIP-DASH, WHITE, 2' DASH, 6' SKIP)
- (G) THERMOPLASTIC PAVEMENT MARKING - LINE 8" (SOLID WHITE)
- (H) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID WHITE, DIAGONAL, 10' SPACING)
- (I) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID WHITE, DIAGONAL, 75' SPACING)
- (J) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID WHITE, DIAGONAL, 150' SPACING)
- (K) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID YELLOW, DIAGONAL, 30' SPACING)
- (L) THERMOPLASTIC PAVEMENT MARKING - LINE 24" (SOLID WHITE)
- (M) THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (SOLID WHITE)
- (N) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4" (SOLID WHITE)
- (O) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4" (SKIP-DASH, WHITE, 10' DASH, 30' SKIP)
- (P) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4" (SOLID YELLOW)
- (R) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4" (SOLID YELLOW WITH SKIP-DASH, 10' DASH, 30' SKIP - 5.5" C-C SPACING)
- (S) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4" (DOUBLE SOLID YELLOW - 11" C-C SPACING)
- (T) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 6" (SOLID WHITE)
- (U) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 6" (SKIP-DASH, WHITE, 2' DASH, 6' SKIP)
- (V) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 8" (SOLID WHITE)
- (W) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 12" (SOLID WHITE, DIAGONAL, 10' SPACING)
- (X) NOT USED
- (Y) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 12" (SOLID YELLOW, DIAGONAL, 30' SPACING)
- (Z) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 24" (SOLID WHITE)
- (AA) POLYUREA PAVEMENT MARKING TYPE 1 - LETTERS AND SYMBOLS (SOLID WHITE)
- (BB) RAISED REFLECTIVE PAVEMENT MARKER
- (CC) RECESSED REFLECTIVE PAVEMENT MARKER
- (◁) REFLECTIVE PAVEMENT MARKER (ONE WAY, CRYSTAL)
- (◄) REFLECTIVE PAVEMENT MARKER (ONE WAY, AMBER)
- (◆) REFLECTIVE PAVEMENT MARKER (TWO WAY, AMBER)
- (◄◄) REFLECTIVE PAVEMENT MARKER (TWO WAY, WHITE AND RED)



LANDSCAPING LEGEND

- SEEDING CLASS 2A WITH EROSION CONTROL BLANKET TOPSOIL F&P 6"
- SEEDING CLASS 2A WITH EROSION CONTROL BLANKET TOPSOIL F&P 30"
- SEEDING (SPECIAL) WITH EROSION CONTROL BLANKET TOPSOIL F&P 6"
- SEEDING CLASS 4B (SPECIAL) WITH EROSION CONTROL BLANKET TOPSOIL F&P 6"
- (+) PR TREE

ROW LEGEND

- EXISTING R.O.W.
- - - PROPOSED R.O.W.
- /// PROPOSED TEMP. EASEMENT
- //// PROPOSED PERM. EASEMENT
- CONSTRUCTION LIMITS

TREE LEGEND

- (1) COMMON HACKBERRY
- (2) THORNLESS COCKSPUR HAWTHORN
- (3) NOT USED
- (4) KENTUCKY COFFEETREE
- (5) SNOWDRIFT CRABAPPLE
- (6) SWAMP WHITE OAK

NOTES:

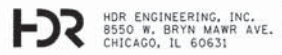
1. (R)=SIGN TO BE REMOVED (P)=PROPOSED SIGN
2. TREE LOCATIONS SHOWN ARE APPROXIMATE. CONTRACTOR MUST LAY OUT PROPOSED LOCATIONS AND RECEIVE APPROVAL FROM ENGINEER PRIOR TO INSTALLATION.



PLAN	DATE
NO.	BY
NO.	DATE
NO.	DATE

PROFILE	DATE
NO.	BY
NO.	DATE
NO.	DATE

COMPANY NAME: HDR, INC.
 PROJECT CONTACT: DAVID WONG, P.E.
 CLIENT: DUPAGE COUNTY DIVISION OF TRANSPORTATION
 DATE PLOTTED: 9/9/2014 4:55:13 PM
 FILE NAME: D1200994_SHT_P.M.S.07.DGN
 PLOT DRIVER: D1200994_PEN.TABLE.TB1



HDR ENGINEERING, INC.
 8550 W. BRYN MAWR AVE.
 CHICAGO, IL 60631

USER NAME = bzeman	DESIGNED - BJZ	REVISED -
FILE NAME = D1200994_SHT_P.M.S.07.DGN	DRAWN - BJZ	REVISED -
PLOT SCALE = 20.0000' / 1"	CHECKED - DWW	REVISED -
PLOT DATE = 9/9/2014	DATE - 08-18-14	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING/LANDSCAPING/SIGNING PLAN	
FABYAN PARKWAY	
SCALE: 1" = 20'	SHEET NO. 7 OF 13 SHEETS
STA. 142+00.00 TO STA. 147+50.00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	153
CONTRACT NO. 63849				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

LANDSCAPING LEGEND

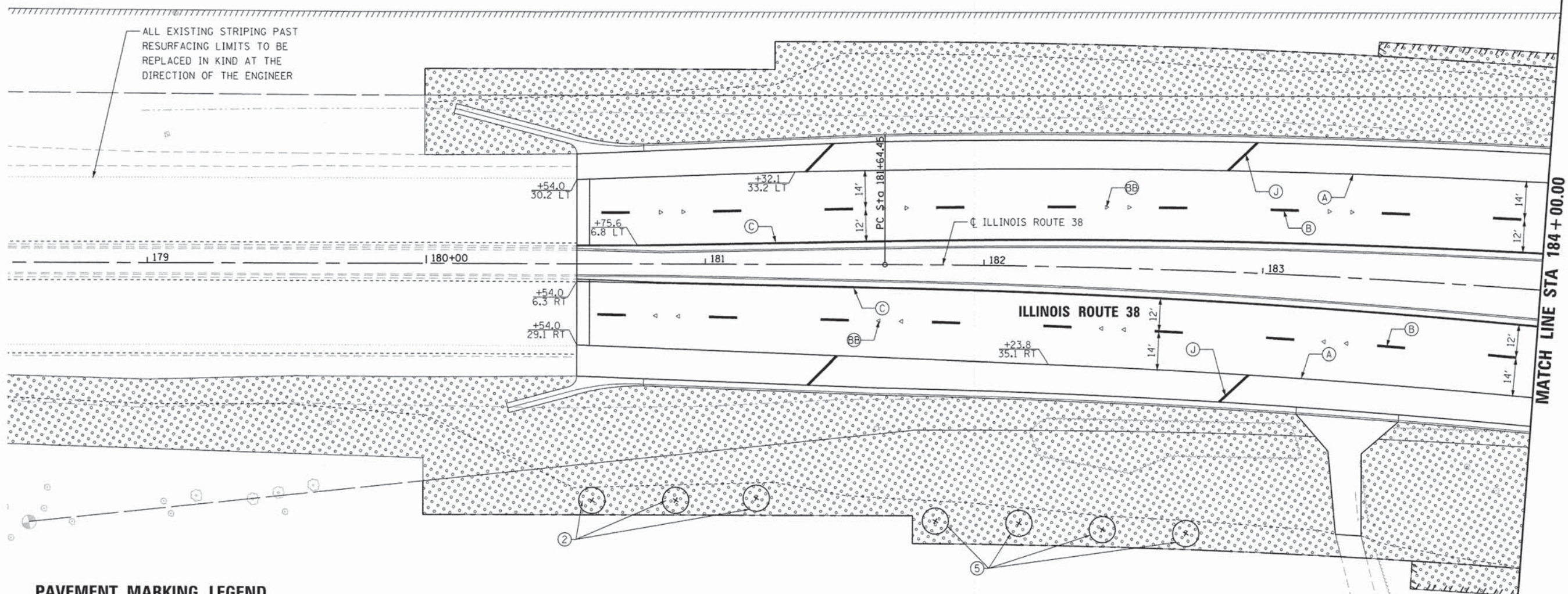
-
-
-
-
-

ROW LEGEND

-
-
-
-
-

TREE LEGEND

- ① COMMON HACKBERRY
- ② THORNLESS COCKSPUR HAWTHORN
- ③ NOT USED
- ④ KENTUCKY COFFEETREE
- ⑤ SNOWDRIFT CRABAPPLE
- ⑥ SWAMP WHITE OAK



PAVEMENT MARKING LEGEND

- (A) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE)
- (B) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SKIP-DASH, WHITE, 10' DASH, 30' SKIP)
- (C) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
- (D) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE SOLID YELLOW - 11" C-C SPACING)
- (E) THERMOPLASTIC PAVEMENT MARKING - LINE 6" (SOLID WHITE)
- (F) THERMOPLASTIC PAVEMENT MARKING - LINE 6" (SKIP-DASH, WHITE, 2' DASH, 6' SKIP)
- (G) THERMOPLASTIC PAVEMENT MARKING - LINE 8" (SOLID WHITE)
- (H) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID WHITE, DIAGONAL, 10' SPACING)
- (I) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID WHITE, DIAGONAL, 75' SPACING)
- (J) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID WHITE, DIAGONAL, 150' SPACING)
- (K) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID YELLOW, DIAGONAL, 30' SPACING)
- (L) THERMOPLASTIC PAVEMENT MARKING - LINE 24" (SOLID WHITE)
- (M) THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (SOLID WHITE)
- (N) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4" (SOLID WHITE)
- (O) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4" (SKIP-DASH, WHITE, 10' DASH, 30' SKIP)
- (P) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4" (SOLID YELLOW)
- (R) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4" (SOLID YELLOW WITH SKIP-DASH, 10' DASH, 30' SKIP - 5.5" C-C SPACING)
- (S) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4" (DOUBLE SOLID YELLOW - 11" C-C SPACING)
- (T) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 6" (SOLID WHITE)
- (U) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 6" (SKIP-DASH, WHITE, 2' DASH, 6' SKIP)
- (V) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 8" (SOLID WHITE)
- (W) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 12" (SOLID WHITE, DIAGONAL, 10' SPACING)
- (X) NOT USED
- (Y) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 12" (SOLID YELLOW, DIAGONAL, 30' SPACING)
- (Z) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 24" (SOLID WHITE)
- (AA) POLYUREA PAVEMENT MARKING TYPE 1 - LETTERS AND SYMBOLS (SOLID WHITE)
- (BB) RAISED REFLECTIVE PAVEMENT MARKER
- (CC) RECESSED REFLECTIVE PAVEMENT MARKER
- (DD) REFLECTIVE PAVEMENT MARKER (ONE WAY, CRYSTAL)
- (EE) REFLECTIVE PAVEMENT MARKER (ONE WAY, AMBER)
- (FF) REFLECTIVE PAVEMENT MARKER (TWO WAY, AMBER)
- (GG) REFLECTIVE PAVEMENT MARKER (TWO WAY, WHITE AND RED)

NOTES:

- (R)=SIGN TO BE REMOVED
(P)=PROPOSED SIGN
- TREE LOCATIONS SHOWN ARE APPROXIMATE. CONTRACTOR MUST LAY OUT PROPOSED LOCATIONS AND RECEIVE APPROVAL FROM ENGINEER PRIOR TO INSTALLATION.



DATE	
BY	
REVIEWED	
PLANNED	
NOTED	
NO.	

DATE	
BY	
REVIEWED	
PLANNED	
NOTED	
NO.	

COMPANY NAME: HDR, INC.
 PROJECT CONTACT: DAVID WONG, P.E.
 CLIENT: DUPAGE COUNTY DIVISION OF TRANSPORTATION
 DATE PLOTTED: 9/9/2014 4:55:21 PM
 PLOT SCALE: 1"=20'
 PLOT DATE: 9/9/2014

USER NAME = bzean	DESIGNED - BJZ	REVISED -
FILE NAME = D1200994.SHT_PMLS_08.DGN	DRAWN - BJZ	REVISED -
PLOT SCALE = 20,0000 ' / in.	CHECKED - DWW	REVISED -
PLOT DATE = 9/9/2014	DATE - 08-18-14	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING/LANDSCAPING/SIGNING PLAN
 IL ROUTE 38**

SCALE: 1"= 20' SHEET NO. 8 OF 13 SHEETS STA. 178+50.00 TO STA. 184+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	154
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63849	

PAVEMENT MARKING LEGEND

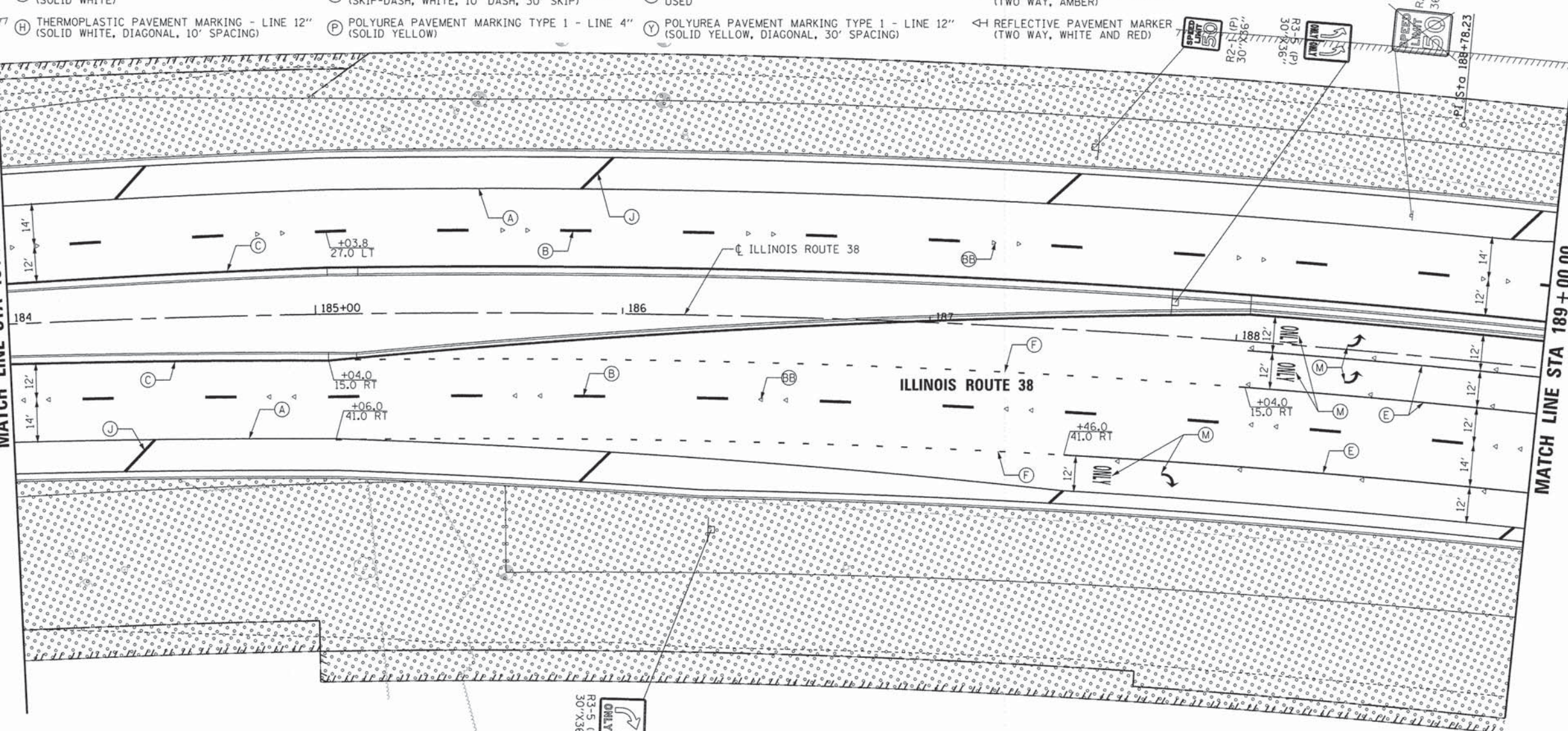
- | | | | |
|--|---|---|---|
| (A) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE) | (I) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID WHITE, DIAGONAL, 75' SPACING) | (R) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4" (SOLID YELLOW WITH SKIP-DASH, 10' DASH, 30' SKIP - 5.5" C-C SPACING) | (Z) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 24" (SOLID WHITE) |
| (B) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SKIP-DASH, WHITE, 10' DASH, 30' SKIP) | (J) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID WHITE, DIAGONAL, 150' SPACING) | (S) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4" (DOUBLE SOLID YELLOW - 11" C-C SPACING) | (AA) POLYUREA PAVEMENT MARKING TYPE 1 - LETTERS AND SYMBOLS (SOLID WHITE) |
| (C) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID YELLOW) | (K) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID YELLOW, DIAGONAL, 30' SPACING) | (T) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 6" (SOLID WHITE) | (BB) RAISED REFLECTIVE PAVEMENT MARKER |
| (D) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE SOLID YELLOW - 11" C-C SPACING) | (L) THERMOPLASTIC PAVEMENT MARKING - LINE 24" (SOLID WHITE) | (U) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 6" (SKIP-DASH, WHITE, 2' DASH, 6' SKIP) | (CC) RECESSED REFLECTIVE PAVEMENT MARKER |
| (E) THERMOPLASTIC PAVEMENT MARKING - LINE 6" (SOLID WHITE) | (M) THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (SOLID WHITE) | (V) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 8" (SOLID WHITE) | (◁) REFLECTIVE PAVEMENT MARKER (ONE WAY, CRYSTAL) |
| (F) THERMOPLASTIC PAVEMENT MARKING - LINE 6" (SKIP-DASH, WHITE, 2' DASH, 6' SKIP) | (N) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4" (SOLID WHITE) | (W) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 12" (SOLID WHITE, DIAGONAL, 10' SPACING) | (◄) REFLECTIVE PAVEMENT MARKER (ONE WAY, AMBER) |
| (G) THERMOPLASTIC PAVEMENT MARKING - LINE 8" (SOLID WHITE) | (O) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4" (SKIP-DASH, WHITE, 10' DASH, 30' SKIP) | (X) NOT USED | (◆) REFLECTIVE PAVEMENT MARKER (TWO WAY, AMBER) |
| (H) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID WHITE, DIAGONAL, 10' SPACING) | (P) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4" (SOLID YELLOW) | (Y) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 12" (SOLID YELLOW, DIAGONAL, 30' SPACING) | (◄◄) REFLECTIVE PAVEMENT MARKER (TWO WAY, WHITE AND RED) |

PLAN	SURVEYED	DATE
NO.	BY	
	PLOTTED	
	CHECKED	
	DATE	
	BY	
	NO.	
	DATE	
	BY	

PROFILE	SURVEYED	DATE
NO.	BY	
	PLOTTED	
	CHECKED	
	DATE	
	BY	
	NO.	
	DATE	
	BY	

MATCH LINE STA 184 + 00.00

MATCH LINE STA 189 + 00.00



LANDSCAPING LEGEND

- SEEDING CLASS 2A WITH EROSION CONTROL BLANKET TOPSOIL F&P 6"
- SEEDING CLASS 2A WITH EROSION CONTROL BLANKET TOPSOIL F&P 30"
- SEEDING (SPECIAL) WITH EROSION CONTROL BLANKET TOPSOIL F&P 6"
- SEEDING CLASS 4B (SPECIAL) WITH EROSION CONTROL BLANKET TOPSOIL F&P 6"
- PR TREE

ROW LEGEND

- EXISTING R.O.W.
- PROPOSED R.O.W.
- PROPOSED TEMP. EASEMENT
- PROPOSED PERM. EASEMENT
- CONSTRUCTION LIMITS

TREE LEGEND

- (1) COMMON HACKBERRY
- (2) THORNLESS COCKSPUR HAWTHORN
- (3) NOT USED
- (4) KENTUCKY COFFEETREE
- (5) SNOWDRIFT CRABAPPLE
- (6) SWAMP WHITE OAK

NOTES:

1. (R)=SIGN TO BE REMOVED
(P)=PROPOSED SIGN
2. TREE LOCATIONS SHOWN ARE APPROXIMATE. CONTRACTOR MUST LAY OUT PROPOSED LOCATIONS AND RECEIVE APPROVAL FROM ENGINEER PRIOR TO INSTALLATION.



COMPANY NAME: HDR, INC.
 PROJECT CONTACT: HDR ENGINEERING, INC.
 CLIENT: ILLINOIS DEPARTMENT OF TRANSPORTATION
 DATE PLOTTED: 9/9/2014 4:55:30 PM
 FILE NAME: D1200994_SHT_PMLS.09.DGN
 PLOT DRIVER: D1200994_SHT_PMLS.09.DGN
 PEN TABLE: D1200994_PEN_TABLE.TN

HDR HDR ENGINEERING, INC.
 8550 N. BRYN MAWR AVE.
 CHICAGO, IL 60631

USER NAME = bzeman	DESIGNED - BJZ	REVISED -
FILE NAME = D1200994_SHT_PMLS.09.DGN	DRAWN - BJZ	REVISED -
PLOT SCALE = 20.0000' / 1"	CHECKED - DW	REVISED -
PLOT DATE = 9/9/2014	DATE - 08-18-14	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING/LANDSCAPING/SIGNING PLAN
 IL ROUTE 38**

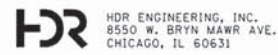
SCALE: 1"= 20' SHEET NO. 9 OF 13 SHEETS STA. 184+00.00 TO STA. 189+00.00

F.A.P. RTE. 347	SECTION 11-00210-04-CH	COUNTY DUPAGE	TOTAL SHEETS 304	SHEET NO. 155
CONTRACT NO. 63849				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
NOTE BOOK NO.	ALIGNED	BY
NO.	RT. OF WAY CHECKED	
	FILED	
	FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	GRADES CHECKED	BY
	BLM. NOTED	
	STRUCTURE NOTATIONS CHECKED	

COMPANY NAME: HDR, INC.
 PROJECT CONTACT: DAVID WONG, P.E.
 CLIENT: DUPAGE COUNTY DIVISION OF TRANSPORTATION
 DATE PLOTTED: 9/9/2014 4:55:40 PM
 FILE NAME: D:\200994_SHT_PMLS.10.DGN
 PLOT DRIVER: PEN TABLE: D:\200994_PEN_TABLE.TXD



USER NAME = bzeman
 FILE NAME = D:\200994_SHT_PMLS.10.DGN
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 9/9/2014

DESIGNED - BJZ
 DRAWN - BJZ
 CHECKED - DWJ
 DATE - 08-18-14

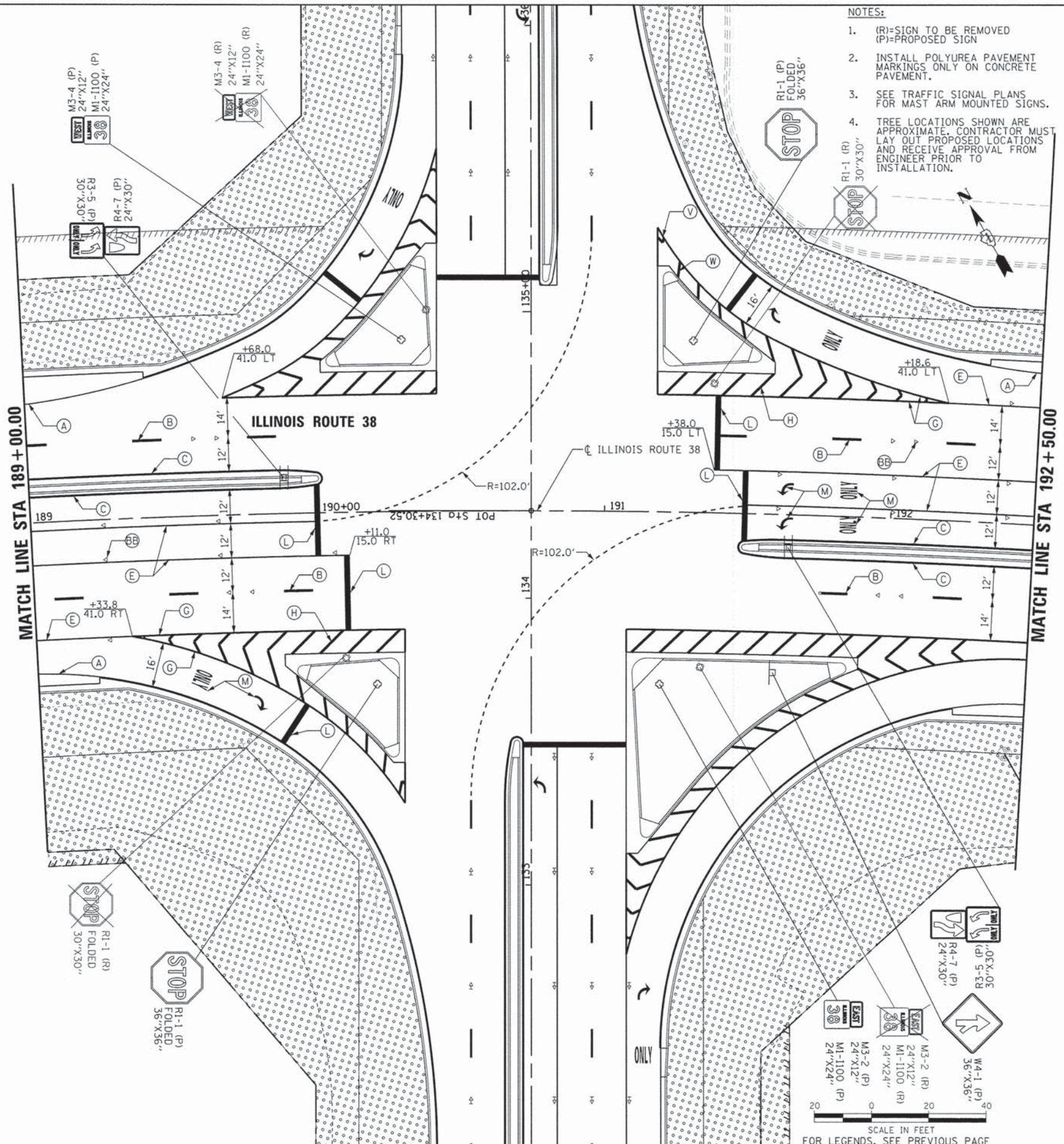
REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

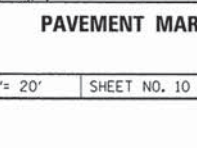
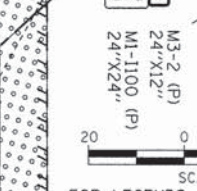
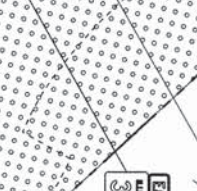
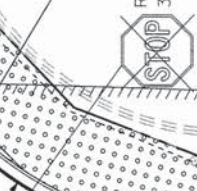
PAVEMENT MARKING/LANDSCAPING/SIGNING PLAN
IL ROUTE 38

SCALE: 1" = 20'
 SHEET NO. 10 OF 13 SHEETS
 STA. 189+00.00 TO STA. 192+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	156
CONTRACT NO. 63849				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



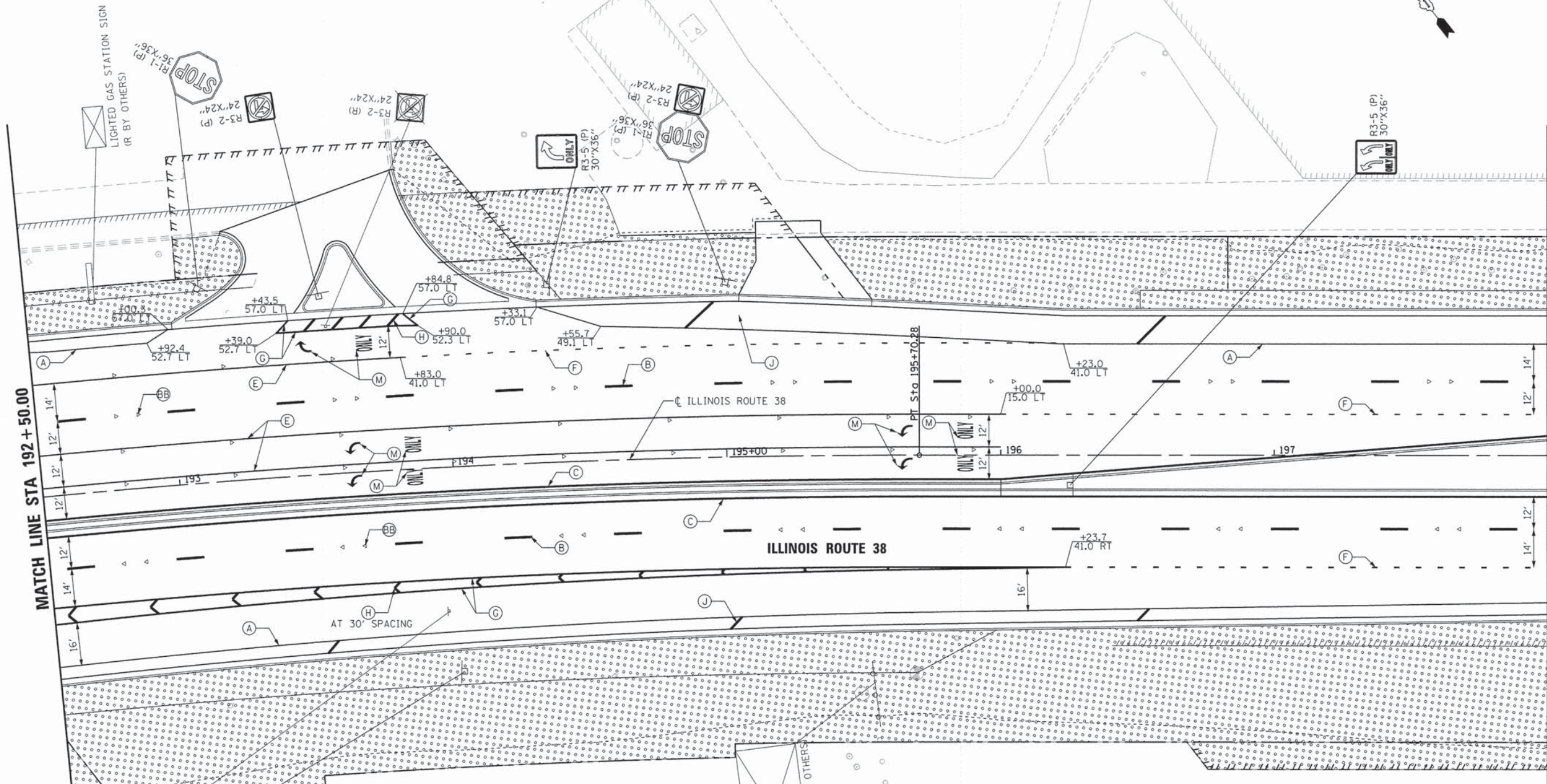
- NOTES:
- (R)=SIGN TO BE REMOVED
(P)=PROPOSED SIGN
 - INSTALL POLYUREA PAVEMENT MARKINGS ONLY ON CONCRETE PAVEMENT.
 - SEE TRAFFIC SIGNAL PLANS FOR MAST ARM MOUNTED SIGNS.
 - TREE LOCATIONS SHOWN ARE APPROXIMATE. CONTRACTOR MUST LAY OUT PROPOSED LOCATIONS AND RECEIVE APPROVAL FROM ENGINEER PRIOR TO INSTALLATION.



PLAN	NO.	DATE
REVISIONS		
NOTED		
ALIGNED		
CHECKED		
BY		

PROFILE	NO.	DATE
REVISIONS		
NOTED		
GRADES CHECKED		
S.M. NOTED		
STRUCTURE NOTATIONS CHFD		
BY		

COMPANY NAME: HDR, INC.
 PROJECT CONTACT: DAVID WONG, P.E.
 CLIENT: DUPage COUNTY DIVISION OF TRANSPORTATION
 DATE PLOTTED: 9/9/2014 4:55:48 PM
 FILE NAME: D:\200994_SHT.PLS.11.DGN
 PLOT DRIVER: PEN TABLET
 D:\200994_PEN_TABLET.PH



MATCH LINE STA 192 + 50.00

MATCH LINE STA 198 + 00.00

LANDSCAPING LEGEND

- SEEDING CLASS 2A WITH EROSION CONTROL BLANKET TOPSOIL F&P 6"
- SEEDING CLASS 2A WITH EROSION CONTROL BLANKET TOPSOIL F&P 30"
- SEEDING (SPECIAL) WITH EROSION CONTROL BLANKET TOPSOIL F&P 6"
- SEEDING CLASS 4B (SPECIAL) WITH EROSION CONTROL BLANKET TOPSOIL F&P 6"

ROW LEGEND

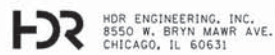
- EXISTING R.O.W.
- PROPOSED R.O.W.
- PROPOSED TEMP. EASEMENT
- PROPOSED PERM. EASEMENT
- CONSTRUCTION LIMITS

TREE LEGEND

- ① COMMON HACKBERRY
- ② THORNLESS COCKSPUR HAWTHORN
- ③ NOT USED
- ④ KENTUCKY COFFEETREE
- ⑤ SNOWDRIFT CRABAPPLE
- ⑥ SWAMP WHITE OAK

NOTES:

1. (R)=SIGN TO BE REMOVED
(P)=PROPOSED SIGN
2. TREE LOCATIONS SHOWN ARE APPROXIMATE. CONTRACTOR MUST LAY OUT PROPOSED LOCATIONS AND RECEIVE APPROVAL FROM ENGINEER PRIOR TO INSTALLATION.
3. FOR PAVEMENT MARKING LEGEND, SEE NEXT PAGE.



USER NAME = bzeaman
 FILE NAME = D:\200994_SHT.PLS.11.DGN
 PLOT SCALE = 20.0000' / 1" =
 PLOT DATE = 9/9/2014

DESIGNED - BJZ
 DRAWN - BJZ
 CHECKED - DWW
 DATE - 08-18-14

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING/LANDSCAPING/SIGNING PLAN
IL ROUTE 38

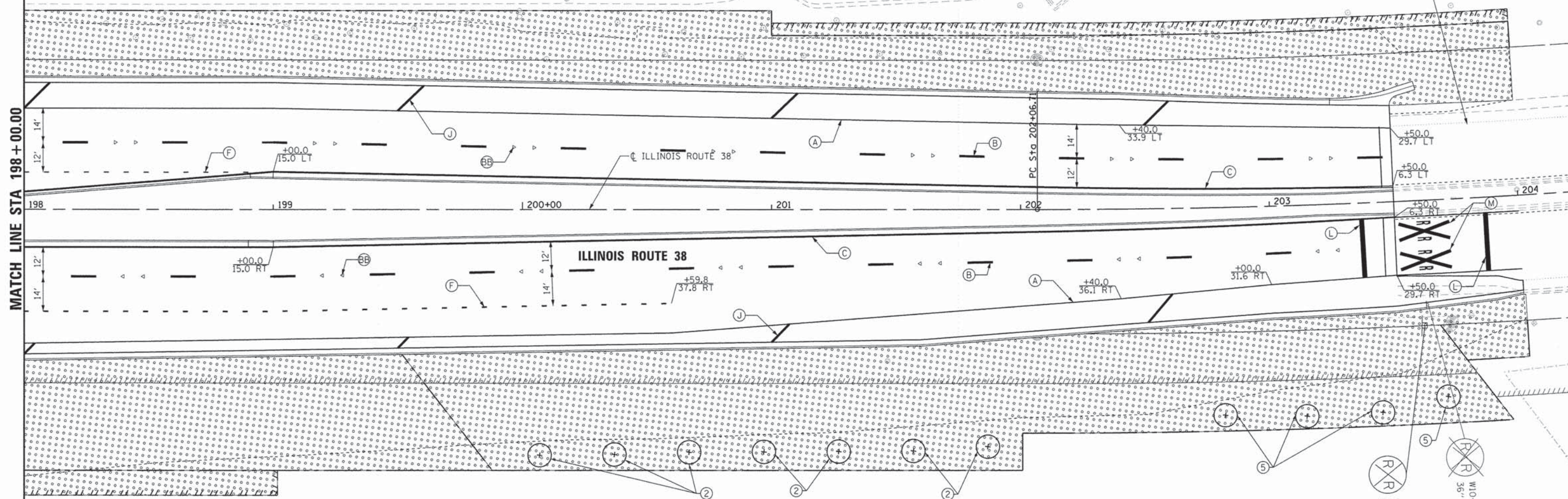
SCALE: 1" = 20' SHEET NO. 11 OF 13 SHEETS STA. 192+50.00 TO STA. 198+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	157
CONTRACT NO. 63849				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING LEGEND

- | | | | |
|--|---|---|---|
| (A) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE) | (I) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID WHITE, DIAGONAL, 75' SPACING) | (R) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4" (SOLID YELLOW WITH SKIP-DASH, 10' DASH, 30' SKIP - 5.5" C-C SPACING) | (Z) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 24" (SOLID WHITE) |
| (B) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SKIP-DASH, WHITE, 10' DASH, 30' SKIP) | (J) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID WHITE, DIAGONAL, 150' SPACING) | (S) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4" (DOUBLE SOLID YELLOW - 11" C-C SPACING) | (AA) POLYUREA PAVEMENT MARKING TYPE 1 - LETTERS AND SYMBOLS (SOLID WHITE) |
| (C) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID YELLOW) | (K) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID YELLOW, DIAGONAL, 30' SPACING) | (T) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 6" (SOLID WHITE) | (BB) RAISED REFLECTIVE PAVEMENT MARKER |
| (D) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE SOLID YELLOW - 11" C-C SPACING) | (L) THERMOPLASTIC PAVEMENT MARKING - LINE 24" (SOLID WHITE) | (U) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 6" (SKIP-DASH, WHITE, 2' DASH, 6' SKIP) | (CC) RECESSED REFLECTIVE PAVEMENT MARKER |
| (E) THERMOPLASTIC PAVEMENT MARKING - LINE 6" (SOLID WHITE) | (M) THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (SOLID WHITE) | (V) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 8" (SOLID WHITE) | (◁) REFLECTIVE PAVEMENT MARKER (ONE WAY, CRYSTAL) |
| (F) THERMOPLASTIC PAVEMENT MARKING - LINE 6" (SKIP-DASH, WHITE, 2' DASH, 6' SKIP) | (N) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4" (SOLID WHITE) | (W) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 12" (SOLID WHITE, DIAGONAL, 10' SPACING) | (◄) REFLECTIVE PAVEMENT MARKER (ONE WAY, AMBER) |
| (G) THERMOPLASTIC PAVEMENT MARKING - LINE 8" (SOLID WHITE) | (O) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4" (SKIP-DASH, WHITE, 10' DASH, 30' SKIP) | (X) NOT USED | (◆) REFLECTIVE PAVEMENT MARKER (TWO WAY, AMBER) |
| (H) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID WHITE, DIAGONAL, 10' SPACING) | (P) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4" (SOLID YELLOW) | (Y) POLYUREA PAVEMENT MARKING TYPE 1 - LINE 12" (SOLID YELLOW, DIAGONAL, 30' SPACING) | (◄-) REFLECTIVE PAVEMENT MARKER (TWO WAY, WHITE AND RED) |

ALL EXISTING STRIPING PAST RESURFACING LIMITS NOT SHOWN HERE IS TO BE REPLACED IN KIND AT THE DIRECTION OF THE ENGINEER



LANDSCAPING LEGEND

- SEEDING CLASS 2A WITH EROSION CONTROL BLANKET TOPSOIL F&P 6"
- SEEDING CLASS 2A WITH EROSION CONTROL BLANKET TOPSOIL F&P 30"
- SEEDING (SPECIAL) WITH EROSION CONTROL BLANKET TOPSOIL F&P 6"
- SEEDING CLASS 4B (SPECIAL) WITH EROSION CONTROL BLANKET TOPSOIL F&P 6"
- PR TREE

ROW LEGEND

- EXISTING R.O.W.
- PROPOSED R.O.W.
- PROPOSED TEMP. EASEMENT
- PROPOSED PERM. EASEMENT
- CONSTRUCTION LIMITS

TREE LEGEND

- (1) COMMON HACKBERRY
- (2) THORNLESS COCKSPUR HAWTHORN
- (3) NOT USED
- (4) KENTUCKY COFFEETREE
- (5) SNOWDRIFT CRABAPPLE
- (6) SWAMP WHITE OAK

NOTES:
 1. (R)=SIGN TO BE REMOVED (P)=PROPOSED SIGN
 2. TREE LOCATIONS SHOWN ARE APPROXIMATE. CONTRACTOR MUST LAY OUT PROPOSED LOCATIONS AND RECEIVE APPROVAL FROM ENGINEER PRIOR TO INSTALLATION.



PLAN	DATE
SURVEYED	BY
PLOTTED	BY
CHECKED	BY
NOTE BOOK NO.	NO.

PROFILE	DATE
SURVEYED	BY
PLOTTED	BY
CHECKED	BY
NOTE BOOK NO.	NO.

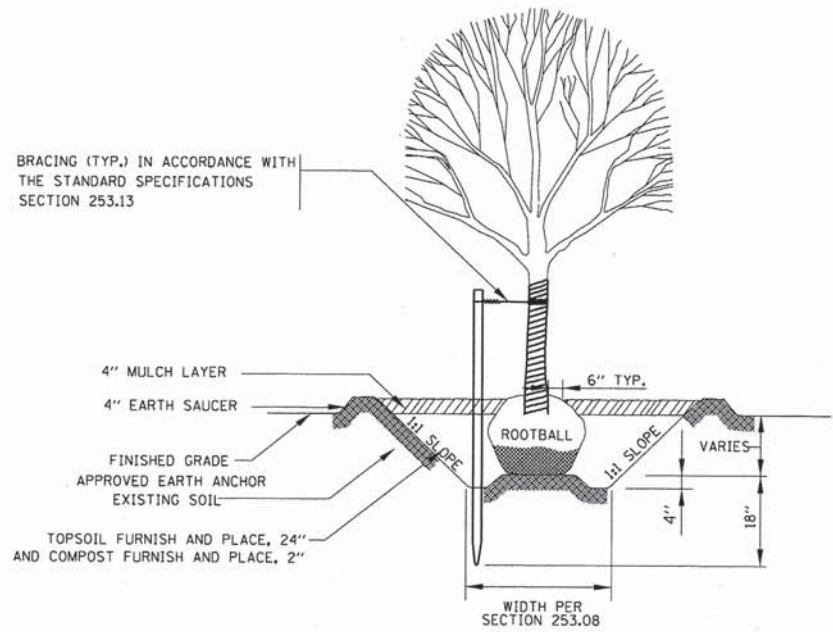
COMPANY NAME: HDR, INC.
 PROJECT CONTACT: DAVID WONG, P.E.
 CLIENT: DUPAGE COUNTY DIVISION OF TRANSPORTATION
 DATE PLOTTED: 9/9/2014 4:55:56 PM
 FILE NAME: D1200994_SHT_PMLS.12.DGN
 PLOT DRIVER: D:\200994_PEN_TABLE.tbl

HDR ENGINEERING, INC. 8550 W. BRYN MAWR AVE. CHICAGO, IL 60631	USER NAME = bzeaman FILE NAME = D1200994_SHT_PMLS.12.DGN PLOT SCALE = 20,0000 ' / in. PLOT DATE = 9/9/2014	DESIGNED - BJZ DRAWN - BJZ CHECKED - DW DATE - 08-18-14	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING/LANDSCAPING/SIGNING PLAN IL ROUTE 38	F.A.P. RTE. 347 SECTION 11-00210-04-CH COUNTY DUPAGE TOTAL SHEETS 304 SHEET NO. 158 CONTRACT NO. 63849
	SCALE: 1"= 20' SHEET NO. 12 OF 13 SHEETS STA. 198+00.00 TO STA. 204+00.00				FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

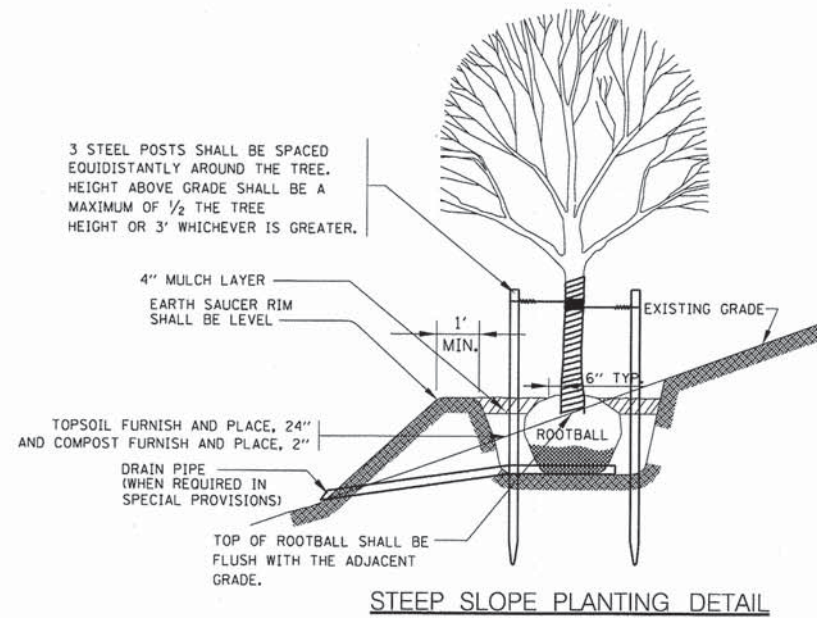
PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
	GRADES CHECKED	
	STRUCTURE NOTATION CHECKED	
	NOTE BOOK NO.	
	ADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATION CHECKED	
	NOTE BOOK NO.	
	ADD FILE NAME	

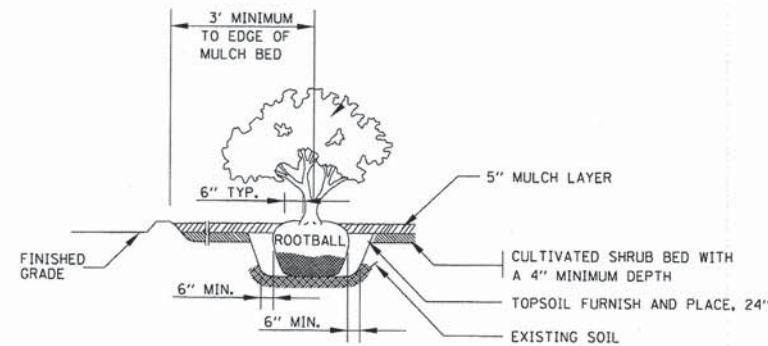
COMPANY NAME: HDR, INC.
 PROJECT CONTACT: DAVID WONG, P.E.
 PROJECT: DUPAGE COUNTY DIVISION OF TRANSPORTATION
 DATE PLOTTED: 08/18/2014
 FILE NAME: D1200994-SHT_PMLS.13.DGN
 PLOT DRIVER: D:\200994-SHT_PMLS.13.DGN
 PEN TABLE: D1200994-PEN_TABLE.tbl



DECIDUOUS TREE PLANTING DETAIL
GREATER THAN 4 FT HEIGHT AND LESS THAN 4-1/2" CALIPER)



STEEP SLOPE PLANTING DETAIL



SHRUB PLANTING DETAIL

PLANTING NOTES

- THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UNDERGROUND UTILITIES, FIBER OPTICS, STORM SEWERS AND DRAINAGE STRUCTURES IN THE FIELD PRIOR TO THE EXCAVATION OF ANY PLANT PITS OR PLANTING BEDS. LOCATIONS OF TREE AND SHRUB PLANTINGS SHALL BE ADJUSTED TO AVOID DAMAGING ANY UNDERGROUND FEATURES.
- THE PLANT LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE ONLY. THE EXACT LOCATIONS SHALL BE ADJUSTED AS REQUIRED IN THE FIELD BY THE ENGINEER.
- TREES SHALL BE SPACED A MINIMUM OF FIVE (5) FEET FROM FENCES.
- TREE AND SHRUB PLANTINGS SHALL NOT BLOCK ACCESS TO GATES IN FENCES.
- TREES PLANTED IN TURF AREAS SHALL BE SPACED A MINIMUM OF TEN (10) FEET FROM THE EDGE OF A SHRUB BED.
- TREES SHALL BE SPACED A MINIMUM OF TEN (10) FEET FROM NOISEWALLS OR OTHER STRUCTURES.
- DITCHES SHALL BE KEPT CLEAR OF PLANTINGS. THE MINIMUM VERTICAL DISTANCE BETWEEN DITCH BOTTOMS AND PLANTS SHALL BE THREE (3) FEET.
- IF DURING EXCAVATION, A PLANT HOLE OR PLANTING BED SHOWS POOR DRAINAGE, STANDING WATER OR AN IMPERVIOUS STRATUM OF SOIL, THE CONTRACTOR SHALL CEASE EXCAVATION AND SHALL NOTIFY THE ENGINEER. THE PLANT(S) SHALL BE RELOCATED AS DIRECTED BY THE ENGINEER AND THE HOLE(S) OR BED SHALL BE FILLED IN AND RESTORED TO MATCH THE CONDITION AND VEGETATION OF THE ADJACENT AREA.
- IMPROPERLY PRUNED PLANTINGS WILL BE REJECTED AND REPLACEMENTS WILL IMMEDIATELY BE MADE BY THE CONTRACTOR.
- THE SIDES OF ALL PLANT PITS SHALL BE LOOSENEED TO DISJOIN ANY GLAZING WHICH MAY OCCUR DURING THE DIGGING OPERATION.
- TREE WRAPPING SHALL EXTEND TO THE LOWEST MAJOR BRANCH.
- TOP OF ROOTBALL SHALL BE APPROXIMATELY 2 INCHES ABOVE ADJACENT FINISHED GRADE.
- SHRUB PLANTINGS:
 - UNLESS NOTED OTHERWISE, ALL SHRUBS SHALL BE PLANTED IN MULCHED BEDS. THE EDGE OF THE MULCH BED SHALL EXTEND A MINIMUM OF THREE (3) FEET BEYOND THE CENTERS OF THE PERIPHERAL PLANTS IN THE BED.
 - THE EDGE OF A MULCH BED FOR SHRUB PLANTINGS ADJACENT TO A WALL, FENCE, GUARDRAIL OR OTHER FIXED OBJECT SHALL EXTEND TO THE OBJECT. THE PERIPHERAL PLANTS IN THE BED SHALL NOT BE PLANTED WITHIN FIVE (5) FEET OF THE OBJECT.
 - WHEN A TREE IS LOCATED IN A SHRUB BED, THE MINIMUM DISTANCE BETWEEN THE TREE AND THE ADJACENT SHRUBS SHALL BE SIX (6) FEET.
- THE CONTRACTOR SHALL RESTORE ALL AREAS, OBJECTS AND VEGETATION DISTURBED BY THE LANDSCAPE OPERATIONS TO ORIGINAL CONDITIONS.
- STAKES, GUYWIRES AND ALL TREE SUPPORTS SHALL BE REMOVED AFTER ONE YEAR OR AS DIRECTED BY THE LANDSCAPE ARCHITECT.
- REMOVE ALL TWINE, ROPE, WIRE AND BURLAP FROM TOP HALF OF ROOT BALL. THE LOWER HALF OF BURLAP SHALL BE FOLDED TOWARD THE BOTTOM OF THE ROOTBALL.
- TOPSOIL FURNISH AND PLACE, 24" AND COMPOST FURNISH AND PLACE, 2" IS REQUIRED TO BE USED AS SHOWN IN THE DETAIL AND IS CONSIDERED INCLUDED IN THE COST OF THE ITEM BEING PLANTED. MULCH AS SHOWN IN THE DETAIL IS ALSO CONSIDERED INCLUDED IN THE COST OF THE ITEM BEING PLANTED.

HDR HDR ENGINEERING, INC.
8550 W. BRYN MAWR AVE.
CHICAGO, IL 60631

USER NAME = bzean	DESIGNED - BJZ	REVISED -
FILE NAME = D1200994-SHT_PMLS.13.DGN	DRAWN - BJZ	REVISED -
PLOT SCALE = 50.0000' / 1"	CHECKED - DWW	REVISED -
PLOT DATE = 8/29/2014	DATE - 08-18-14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING/LANDSCAPING/SIGNING PLAN
TREE PLAN DETAIL SHEET

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	159
CONTRACT NO. 63849				

SCALE: 1" = 20' SHEET NO. 13 OF 13 SHEETS STA. 209+50.00 TO STA. 210+50.00

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

DATE: _____
 BY: _____
 SURVEYED: _____
 ALIGNMENT CHECKED: _____
 RT. OF WAY CHECKED: _____
 PLAN NO.: _____
 FILE NAME: _____

DATE: _____
 BY: _____
 SURVEYED: _____
 GRADES CHECKED: _____
 B.M. NOTED: _____
 PROFILE NO.: _____
 STRUCTURE NOTATIONS: CHFD

COMPANY NAME: HDR, INC.
 PROJECT CONTACT: DAVID WONG, P.E.
 CLIENT: DUPAGE COUNTY DIVISION OF TRANSPORTATION
 DATE PLOTTED: 8/29/2014 11:31:21 AM
 FILE NAME: D:\200994_SHT_SIGN.01.DGN
 PLOT DRIVER: PEN TABLE
 D:\200994_PEN_TABLE.rvt

TYPE / NAME	STATION	LT/RT	COMMENT/DESCRIPTION	SIGN PANEL WIDTH	SIGN PANEL DEPTH	SIGN PANEL AREA	72400100	72400200
							REMOVE SIGN PANEL ASSEMBLY TYPE A	REMOVE SIGN PANEL ASSEMBLY TYPE B
							FOOT	FOOT
							SO FT	EACH
							EACH	EACH
EXISTING FABYAN								
R4-1	118+22	LT	DO NOT PASS	2.00	2.50	5.00	1	
W1-2R	120+04	LT	CURVE RIGHT	3.00	3.00	9.00	1	
W11-3	121+98	LT	LARGE ANIMALS	3.00	3.00	9.00	1	
R2-1	122+15	RT	SPEED LIMIT 50	2.50	3.00	7.50		
R8-3			NO PARKING (SYMBOL)	1.00	1.50	1.50	1	
R3-8B	128+77	RT	ADVANCE INTERSECTION LANE CONTROL	4.00	3.00	12.00		1
R2-1	129+30	LT	SPEED LIMIT 50	2.50	3.00	7.50		
R8-3			NO PARKING (SYMBOL)	1.00	1.50	1.50	1	
W1-8	132+04	LT	CHEVRON	1.50	2.00	3.00	1	
W4-2	133+21	LT	LANE ENDS	3.00	3.00	9.00	1	
R10-1104			POLE MOUNTED, RED LIGHT PHOTO ENFORCED	3.00	3.00	9.00		
M1-6	133+38	LT	POLE MOUNTED, DUPAGE 21 COUNTY	2.00	2.00	4.00		
M4-14			POLE MOUNTED, BEGIN	1.50	0.50	0.75		
M1-6	133+63	RT	POLE MOUNTED, DUPAGE 21 COUNTY	2.00	2.00	4.00		
M4-6			POLE MOUNTED, END	1.50	0.50	0.75		
R1-1			POLE MOUNTED, FOLDED STOP	2.50	2.50	6.25		
EXISTING WASHINGTON								
M1-1100			POLE MOUNTED, ILLINOIS 38	2.00	2.00	4.00		
M6-4	135+01	LT	POLE MOUNTED, DIRECTIONAL ARROW	1.75	1.25	2.19		
R1-1			POLE MOUNTED, FOLDED STOP	2.50	2.50	6.25		
R2-1 (MODIFIED)	135+35	RT	SPEED LIMIT 25 ON ALL STREETS UNLESS OTHERWISE POSTED	1.50	2.50	3.75	1	
R5-1102			CLASS II TRUCK ROUTE	2.00	2.50	5.00		
W1-1R	135+80	RT	TURN RIGHT	3.00	3.00	9.00		
R8-3			NO PARKING (SYMBOL)	1.00	1.50	1.50		1
R5-1101	135+88	LT	END CLASS II TRUCK ROUTE	2.00	2.50	5.00	1	
R8-3			NO PARKING (SYMBOL)	1.00	1.50	1.50		
I1-1107B	136+09	RT	ADOPT A HIGHWAY - GENERAL MILLS	2.00	2.00	4.00		1
SPEC-01			CLEAN UP CREW AHEAD, FOLDED	2.50	2.50	6.25		
R10-1104	136+50	LT	RED LIGHT PHOTO ENFORCED	3.00	3.00	9.00		BY OTHERS
R1-1	137+93	RT	STOP	2.50	2.50	6.25	1	
W4-2	138+93	RT	LANE ENDS	3.00	3.00	9.00	1	
W1-1L			TURN LEFT	2.50	2.50	6.25		
W13-1P	140+16	LT	25 M.P.H.	2.00	2.00	4.00		1
R8-3			NO PARKING (SYMBOL)	1.00	1.50	1.50		
R1-1	141+02	LT	STOP	2.50	2.50	6.25	1	
SPEC-02			STATE CHAMPIONS	4.00	2.00	8.00		
SPEC-03	141+42	RT	WATERING TIMES / SNOW REMOVAL	1.50	2.00	3.00		1
R8-3			NO PARKING (SYMBOL)	1.00	1.50	1.50		
SPEC-04			BRUSH PICKUP	2.00	2.00	4.00		
R1-1	141+60	LT	STOP	2.50	2.50	6.25	1	
R3-8B	142+80	LT	ADVANCE INTERSECTION LANE CONTROL	4.00	2.50	10.00		1
EXISTING IL 38								
R2-1	188+53	LT	SPEED LIMIT 50	3.00	4.00	12.00		1
R1-1	190+09	RT	POLE MOUNTED, FOLDED STOP	2.50	2.50	6.25		
M3-4			POLE MOUNTED, WEST	2.00	1.00	2.00		
M1-1100	190+39	LT	POLE MOUNTED, ILLINOIS 38	2.00	2.00	4.00		
M3-2			POLE MOUNTED, EAST	2.00	1.00	2.00		
M1-1100	191+34	RT	POLE MOUNTED, ILLINOIS 38	2.00	2.00	4.00		
R1-1	191+38	LT	POLE MOUNTED, FOLDED STOP	2.50	2.50	6.25		
R3-2	193+57	LT	NO LEFT TURN	2.00	2.00	4.00	1	
R2-1	193+96	RT	SPEED LIMIT 50	3.00	4.00	12.00		1
W10-1	203+62	RT	RXR	3.00	3.00	9.00	1	
TOTAL							15	8

- NOTES:
- SIGNS TO BE INSTALLED PER MUTCD GUIDELINES. POST LENGTHS TO BE VERIFIED BY CONTRACTOR BEFORE INSTALLATION TO MEET ACTUAL FIELD CONDITIONS.
 - REMOVAL OF EXISTING SIGN PANELS MOUNTED ON MAST ARMS AND POLES WILL NOT BE MEASURED FOR PAYMENT BUT INCLUDED IN THE COST OF THE REMOVAL OF THE EXISTING TRAFFIC SIGNAL EQUIPMENT.
 - SEE TRAFFIC SIGNAL PLANS FOR PROPOSED MAST ARM MOUNTED SIGN PANELS.
 - CONTRACTOR SHALL DELIVER DUPAGE COUNTY OWNED SIGN PANELS TO DUPAGE COUNTY AT NO ADDITIONAL COST. CONTRACTOR SHALL CONTACT YIFANG LU AT 630.407.6890 TO DETERMINE DUPAGE COUNTY'S PREFERRED DELIVERY LOCATION.
 - CONTRACTOR SHALL REMOVE AND DISPOSE OF EXISTING GROUND MOUNTED SIGN SUPPORTS AND SIGN FOUNDATIONS. COST IS INCLUDED IN THE COST OF THE SIGN PANEL ASSEMBLY REMOVAL PAY ITEMS.

HDR HDR ENGINEERING, INC.
 8550 W. BRYN MAWR AVE.
 CHICAGO, IL 60631

USER NAME = bzenen	DESIGNED - BJZ	REVISED -
FILE NAME = D:\200994_SHT_SIGN.01.DGN	DRAWN - BJZ	REVISED -
PLOT SCALE = 1:80000 ' / in.	CHECKED - DWW	REVISED -
PLOT DATE = 8/29/2014	DATE - 08-18-14	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**FABYAN PARKWAY AND IL ROUTE 38
 SIGN SCHEDULE**

SCALE: NTS SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	160
CONTRACT NO. 63849				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

COMPANY NAME: HDR, INC.
PROJECT CONTACT: DAVID WONG, P.E.
CLIENT: DUPAGE COUNTY DIVISION OF TRANSPORTATION
DATE PLOTTED: 8/29/2014 11:31:28 AM
FILE NAME: D:\2009\94_SHT_SIGN_SCHEDULE.DGN
PLOT DRIVER: PEN TABLE: D:\2009\94_PEN_TABLE.tbl

PROF FILE: SURVEYED, BLM, NOTED, STRUCTURE, NOTATIONS, CHKD
PLAN: SURVEYED, ALIGNED, CHECKED, RT, OF, WAY, CHECKED, NO., PLAN NO., DATE

PLAN: SURVEYED, ALIGNED, CHECKED, RT, OF, WAY, CHECKED, NO., PLAN NO., DATE

TYPE / NAME	STATION	LT/RT	COMMENT/DESCRIPTION	"AA"	"BB"	"CC"	"DD"	SIGN	SIGN	SIGN	POST	POST	72000100	72800100	73000100	
				(FT.)	(FT.)	(FT.)	(FT.)	PANEL	PANEL	PANEL	ONE	TWO	SO FT	SO FT	SO FT	TELESCOPING
				FOOT	FOOT	FOOT	FOOT	WIDTH	DEPTH	AREA	LENGTH	LENGTH	SIGN PANEL	STEEL SIGN	SUPPORT	
PROPOSED FABYAN																
R4-1	117+30	LT	DO NOT PASS	18.0	5.0	19.00		2.00	2.50	5.00	15		5.00	15		
W6-1	117+34	RT	DIVIDED HIGHWAY	23.0	5.0	25.12		3.00	3.00	9.00	16		9.00	16		
W1-2R	120+00	LT	CURVE RIGHT	17.0	5.0	19.12		3.00	3.00	9.00	16		9.00	16		
W11-3	122+00	LT	LARGE ANIMALS	17.0	5.0	19.12		3.00	3.00	9.00	16		9.00	16		
R2-1	122+15	RT	SPEED LIMIT 45	17.0	5.0	18.25		2.50	3.00	7.50	17		7.50			
R8-3			NO PARKING (SYMBOL)				2.50	2.50	6.25	6.25						
R2-1	123+80	LT	SPEED LIMIT 50	17.0	5.0	18.25		2.50	3.00	7.50	17		7.50		17	
R8-3			NO PARKING (SYMBOL)				2.50	2.50	6.25	6.25						
R4-7	126+34	MED	KEEP RIGHT	8.3	5.0	9.30		2.00	2.50	5.00	14		5.00	14		
W6-1	126+37	LT	DIVIDED HIGHWAY	4.0	5.0	6.12		3.00	3.00	9.00	16		9.00	16		
R3-5	127+80	RT	RIGHT ONLY	4.0	5.0	5.25		2.50	3.00	7.50	15		7.50	15		
CUSTOM SIGN	129+00	RT	IL RTE. 38 (BY OTHERS)										BY OTHERS	BY OTHERS		
R3-5	130+80	MED	LEFT ONLY	4.6	5.0	5.85		2.50	3.00	7.50	15		7.50	15		
M1-1100	132+03	RT	ILLINOIS 38	4.0	5.0	5.50		3.00	3.00	9.00	15		9.00		15	
M6-4			DIRECTIONAL ARROW				1.75	1.25	2.19	2.19						
W4-2	132+06	LT	LANE ENDS	5.0	5.0	7.12		3.00	3.00	9.00	16		9.00	16		
W4-5	133+11	RT	ENTERING ROADWAY MERGE	5.0	5.0	6.50		3.00	3.00	9.00	15		9.00	15		
R3-5	133+33	MED	LEFT ONLY	2.3	5.0	3.30		2.00	2.50	5.00	15		5.00	15		
R4-7			KEEP RIGHT				2.00	2.50	5.00	5.00						
M1-6	133+70	LT	POLE MOUNTED, DUPAGE 21 COUNTY		5.0		2.00	2.00	4.00				4.00			
M4-14			POLE MOUNTED, BEGIN			2.00	1.00	2.00	2.00							
M1-6	133+70	RT	POLE MOUNTED, DUPAGE 21 COUNTY		5.0		2.00	2.00	4.00				4.00			
M4-6			POLE MOUNTED, END			2.00	1.00	2.00	2.00							
R1-1	133+70	RT	POLE MOUNTED, FOLDED STOP					3.00	3.00	9.00			9.00			
PROPOSED WASHINGTON																
M1-1100	134+90	LT	POLE MOUNTED, ILLINOIS 38		5.0		2.00	2.00	4.00				4.00			
M6-4			POLE MOUNTED, DIRECTIONAL ARROW			1.75	1.25	2.19	2.19							
R1-1	135+31	MED	POLE MOUNTED, FOLDED STOP	2.4	5.0	3.40		3.00	3.00	9.00	15		9.00	15		
R4-7			KEEP RIGHT				2.00	2.50	5.00	5.00						
R3-5	136+00	RT	LEFT ONLY	5.0	5.0	6.25		2.00	2.50	5.00	15		5.00	15		
R2-1			SPEED LIMIT 25 ON ALL STREETS UNLESS OTHERWISE POSTED				2.50	3.00	7.50	7.50						
R5-1102	136+00	LT	CLASS II TRUCK ROUTE	4.0	5.0	5.25		2.00	2.00	4.00	16		4.00	16		
R5-1101			END CLASS II TRUCK ROUTE				2.00	2.50	5.00	5.00						
R8-3	136+50	RT	NO PARKING (SYMBOL)	4.0	5.0	6.12		2.50	2.50	6.25	16		6.25	16		
W4-2	136+50	RT	LANE ENDS	4.0	5.0	6.12		3.00	3.00	9.00	15		9.00	15		
W1-1R	137+05	RT	TURN RIGHT	4.0	5.0	6.12		3.00	3.00	9.00	17		9.00	17		
R8-3	137+30	MED	NO PARKING (SYMBOL)	6.3	5.0	7.30		2.50	2.50	6.25	12		6.25	12		
R4-7			KEEP RIGHT				2.00	2.50	5.00	5.00						
M2-1	137+50	LT	JUNCTION	4.0	5.0	4.88		1.75	1.25	2.19	15		2.19	15		
M1-1100	137+95	RT	IL RTE. 38	6.0	5.0	7.25		2.00	2.00	4.00	12		4.00	12		
R1-1			STOP				2.50	2.50	6.25	6.25						
R3-5	138+60	LT	RIGHT ONLY	4.0	5.0	5.25		2.50	3.00	7.50	14		7.50	14		
I1-1107A	139+00	RT	ADOPT A HIGHWAY - GENERAL MILLS	4.0	5.0	5.77		2.00	2.00	4.00	16		4.00	16		
SPEC-01			CLEAN UP CREW AHEAD, FOLDED				2.50	2.50	6.25	6.25						
R3-9b	140+05	RT	TWO-WAY LEFT TURN ONLY	4.0	5.0	5.00		2.00	3.00	6.00	14		6.00	14		
R3-9d	140+82	LT	TWO-WAY LEFT TURN ONLY	4.0	5.0	5.00		2.00	3.00	6.00	14		6.00	14		
R1-1	141+00	LT	STOP	6.0	5.0	7.25		2.50	2.50	6.25	14		6.25	14		
SPEC-02	141+40	RT	STATE CHAMPIONS	4.0	5.0	4.80	7.20		4.00	2.00	8.00	17	17	8.00	34	
SPEC-03			WATERING TIMES / SNOW REMOVAL; DESIGN TO BE PROVIDED BY THE CITY OF WEST CHICAGO					1.50	2.00	3.00	3.00					
R8-3	141+61	LT	NO PARKING (SYMBOL)	6.0	5.0	7.25		2.50	2.50	6.25	14		6.25	14		
SPEC-04			BRUSH PICKUP				2.00	2.00	4.00	4.00						
R1-1	141+61	LT	STOP	6.0	5.0	7.25		2.50	2.50	6.25	14		6.25	14		
W1-1L	142+80	LT	TURN LEFT	4.0	4.0	6.12		3.00	3.00	9.00	18		9.00	18		
W13-1P			25 M.P.H.				1.50	1.50	2.25	2.25						
R8-3	142+80	LT	NO PARKING (SYMBOL)					2.50	2.50	6.25			6.25			
PROPOSED IL 38																
R3-5	186+30	RT	RIGHT ONLY	14.0	5.0	15.25		2.50	3.00	7.50	15		7.50	15		
R2-1	187+51	LT	SPEED LIMIT 50	15.0	5.0	16.25		2.50	3.00	7.50	15		7.50	15		
R3-5	187+79	MED	DUAL LEFT ONLY	3.1	7.0	4.35		2.50	3.00	7.50	15		7.50	15		
R3-5	189+88	MED	DUAL LEFT ONLY	2.1	5.0	3.35		2.50	2.50	6.25	15		6.25	15		
R4-7			KEEP RIGHT				2.00	2.50	5.00	5.00						
R1-1	190+20	RT	POLE MOUNTED, FOLDED STOP		5.0			3.00	3.00	9.00			9.00			
M3-4	190+30	LT	POLE MOUNTED, WEST		5.0		2.00	1.00	2.00				2.00			
M1-1100			POLE MOUNTED, ILLINOIS 38			2.00	2.00	4.00	4.00							
M3-2	191+20	RT	POLE MOUNTED, EAST		5.0			2.00	1.00	2.00			2.00			
M1-1100	191+20	RT	POLE MOUNTED, ILLINOIS 38		5.0			2.00	2.00	4.00			4.00			
R1-1	191+30	LT	POLE MOUNTED, FOLDED STOP		5.0			3.00	3.00	9.00			9.00			
W4-1	191+60	RT	MERGE	12.0	5.0	14.12		3.00	3.00	9.00	14		9.00	14		
R4-7	191+64	MED	KEEP RIGHT	2.1	5.0	3.35		2.00	2.50	5.00	15		5.00	15		
R3-5			DUAL LEFT ONLY				2.50	2.50	6.25	6.25						
R1-1	193+22	LT	STOP	3.0	5.0	4.50		3.00	3.00	9.00	14		9.00	14		
R3-2	193+55	LT	NO LEFT TURN	3.0	5.0	4.00		2.00	2.00	4.00	12		4.00	12		
R2-1	194+00	RT	SPEED LIMIT 50	9.0	5.0	10.25		2.50	3.00	7.50	15		7.50	15		
R3-5	194+37	LT	RIGHT ONLY	15.0	5.0	16.25		2.50	3.00	7.50	15		7.50	15		
R1-1	195+01	LT	STOP	6.0	5.0	7.50		3.00	3.00	9.00	17		9.00	17		
R3-2			NO LEFT TURN				2.00	2.00	4.00	4.00						
R3-5	196+25	MED	DUAL LEFT ONLY	3.1	5.0	4.35		2.50	3.00	7.50	13		7.50	13		
W10-1	203+60	RT	RXR	16.0	5.0	17.50		3.00	3.00	9.00	15		9.00	15		
TOTAL													461	481	182	

- NOTES:
- SIGNS TO BE INSTALLED PER MUTCD GUIDELINES. POST LENGTHS TO BE VERIFIED BY CONTRACTOR BEFORE INSTALLATION TO MEET ACTUAL FIELD CONDITIONS.
 - REMOVAL OF EXISTING SIGN PANELS MOUNTED ON MAST ARMS AND POLES WILL NOT BE MEASURED FOR PAYMENT BUT INCLUDED IN THE COST OF THE REMOVAL OF THE EXISTING TRAFFIC SIGNAL EQUIPMENT.
 - SEE TRAFFIC SIGNAL PLANS FOR PROPOSED MAST ARM MOUNTED SIGN PANELS.
 - CONTRACTOR SHALL DELIVER DUPAGE COUNTY OWNED SIGN PANELS TO DUPAGE COUNTY AT NO ADDITIONAL COST. CONTRACTOR SHALL CONTACT VIFANG LU AT 630.407.6890 TO DETERMINE DUPAGE COUNTY'S PREFERRED DELIVERY LOCATION.
 - CONTRACTOR SHALL REMOVE AND DISPOSE OF EXISTING GROUND MOUNTED SIGN SUPPORTS AND SIGN FOUNDATIONS. COST IS INCLUDED IN THE COST OF THE SIGN PANEL ASSEMBLY REMOVAL PAY ITEMS.

- DEFINITIONS:
- "AA" IS DISTANCE FROM EDGE OF TRAVELED WAY TO NEAR EDGE OF SIGN PANEL.
 - "BB" IS DISTANCE FROM PAVEMENT SURFACE ELEVATION AT EDGE OF TRAVELED WAY TO BOTTOM OF SIGN PANEL. IF NO SHOULDER IS PRESENT, USE DISTANCE FROM TOP OF CURB TO BOTTOM OF SIGN PANEL.
 - "CC" IS DISTANCE FROM EDGE OF TRAVELED WAY TO CENTER OF NEAREST POST.
 - "DD" IS DISTANCE FROM EDGE OF TRAVELED WAY TO CENTER OF SECOND POST.
 - "EE" IS DISTANCE FROM EDGE OF TRAVELED WAY TO CENTER OF FARTHEST POST.

HDR ENGINEERING, INC.
8550 W. BRYN MAWR AVE.
CHICAGO, IL 60631

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PLOT DATE = 8/29/2014

DESIGNED - BJJ
DRAWN - BJJ
CHECKED - DWJ
DATE - 08-18-14

REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FABYAN PARKWAY AND IL ROUTE 38
SIGN SCHEDULE

SCALE: NTS SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	161
CONTRACT NO. 63849				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

GENERAL NOTES

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION. THIS SHALL INCLUDE LOCATING THE MAST ARM FOUNDATIONS AND VERIFYING THE MAST ARMS LENGTHS.
2. THE CONTRACTOR SHALL CHECK THE PROPOSED TRAFFIC SIGNAL EQUIPMENT LOCATIONS FOR OVERHEAD UTILITY CONFLICTS. THE CONTRACTOR SHALL COORDINATE ANY CONFLICTS WITH THE UTILITY COMPANIES AND THE RESIDENT ENGINEER BEFORE ORDERING MATERIALS.
3. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH THE ENGINEER, UTILITY COMPANIES, LOCAL GOVERNMENT AGENCIES AND IDOT.
4. THE REMOVAL AND REPLACEMENT OF SIDEWALK, DRIVEWAY, MEDIAN AND ISLAND SURFACE PAVING AT HANDHOLES, JACKING PITS AND INSPECTION OPENINGS SHALL BE SAW CUT AROUND THE AREA TO BE REMOVED. THE REMOVAL AND REPLACEMENT OF SIDEWALK, DRIVEWAY, MEDIAN AND ISLAND SURFACE PAVING WILL BE PAID FOR SEPARATELY.
5. THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY COMPONENTS OF THE TRAFFIC SIGNAL SYSTEM. FOR LOCATION OF UTILITIES, CALL J.U.L.I.E. TOLL FREE NUMBER 1-800-892-0123.
6. ALL SIGNAL POSTS AND MAST ARM POLES SHALL BE LOCATED WITH THEIR CENTERLINES A MINIMUM OF FOUR (4) FEET AND SIX (6) FEET RESPECTIVELY FROM THE BACK OF CURB UNLESS NOTED OR DIMENSIONED TO THE CONTRARY ON THE DRAWINGS. IN NON-CURBED AREAS THE MAST ARM POLE SHALL BE LOCATED A MINIMUM OF TEN (10) FEET BEHIND THE EDGE OF PAVEMENT OR TWO (2) FEET BEHIND THE EDGE OF SHOULDER, WHICHEVER DISTANCE IS GREATER. SIGNAL POSTS SHALL BE PLACED AT A MINIMUM OF TWO (2) FEET BEHIND THE EDGE OF SHOULDER.
7. THE CONTRACTOR SHALL CONTACT THE DUPAGE COUNTY DIVISION OF TRANSPORTATION (630/407-6900) FOR TRAFFIC SIGNAL CABLE LOCATION, A MINIMUM OF 48 HOURS IN ADVANCE (SATURDAYS, SUNDAYS, AND HOLIDAYS EXCLUDED) AT ANY LOCATION WITHIN THE RIGHT- OF-WAY.
8. CONTACT THE DU PAGE COUNTY TRAFFIC SIGNAL COORDINATOR (630/407-6900) TO COORDINATE LOCATIONS OF LOOPS, SIGNAL FOUNDATIONS AND SIGNAL HEADS.
9. ALL PRESENCE LOOPS SHALL BE EQUIPPED WITH AN INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT.
10. ALL LUMINAIRE ARMS SHALL BE 15 FEET LONG UNLESS OTHERWISE NOTED.
11. ALL LUMINAIRES SHALL BE MOUNTED AT 40 FOOT HEIGHT UNLESS OTHERWISE NOTED.
12. THE CONTRACTOR SHALL NOTIFY THE CITY OF WEST CHICAGO AND REDSPEED ILLINOIS LLC 72 HOURS IN ADVANCE OF ANY CONSTRUCTION.

PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	ALIGNMENT CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	ROAD FILE NAME		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	GRADES CHECKED		
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL GENERAL NOTES
 IL ROUTE 38 (ROOSEVELT ROAD) AND FABYAN PARKWAY

SCALE: 1"=20' SHEET NO. 1 OF 36 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	162
				CONTRACT NO. 63849
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

NOTES FOR TEMPORARY TRAFFIC SIGNALS

1. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
2. ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY IDOT DISTRICT 1, INSTALLED IN A NEMA TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.
3. ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE LED AND 12" (300mm) DIAMETER. HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. PEDESTRIAN SIGNALS SHALL INCLUDE SOLID INTERNATIONAL SYMBOLS. PEDESTRIAN SIGNALS WITH COUNTDOWN TIMERS SHALL BE USED WHEN THE EXISTING INSTALLATION UTILIZES COUNTDOWN TYPE OR AS DIRECTED BY THE ENGINEER. COUNTDOWN TYPE PEDESTRIAN SIGNALS ARE NOT TO BE INSTALLED AT A RAILROAD INTERSECTION. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
4. ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED AND SECURELY FASTENED TO THE SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.
5. ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.

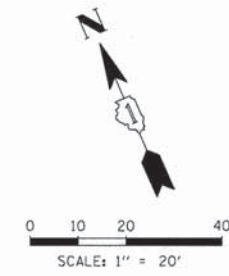
MATCH LINE STA. 136 + 30

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE AGENCY LISTED BELOW. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR PICK UP OF ALL EQUIPMENT TO BE RETURNED TO THE LISTED AGENCY AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.

AGENCY: WEST CHICAGO FIRE PROTECTION DISTRICT
 2 EACH LIGHT DETECTOR
 1 EACH LIGHT DETECTOR AMPLIFIER

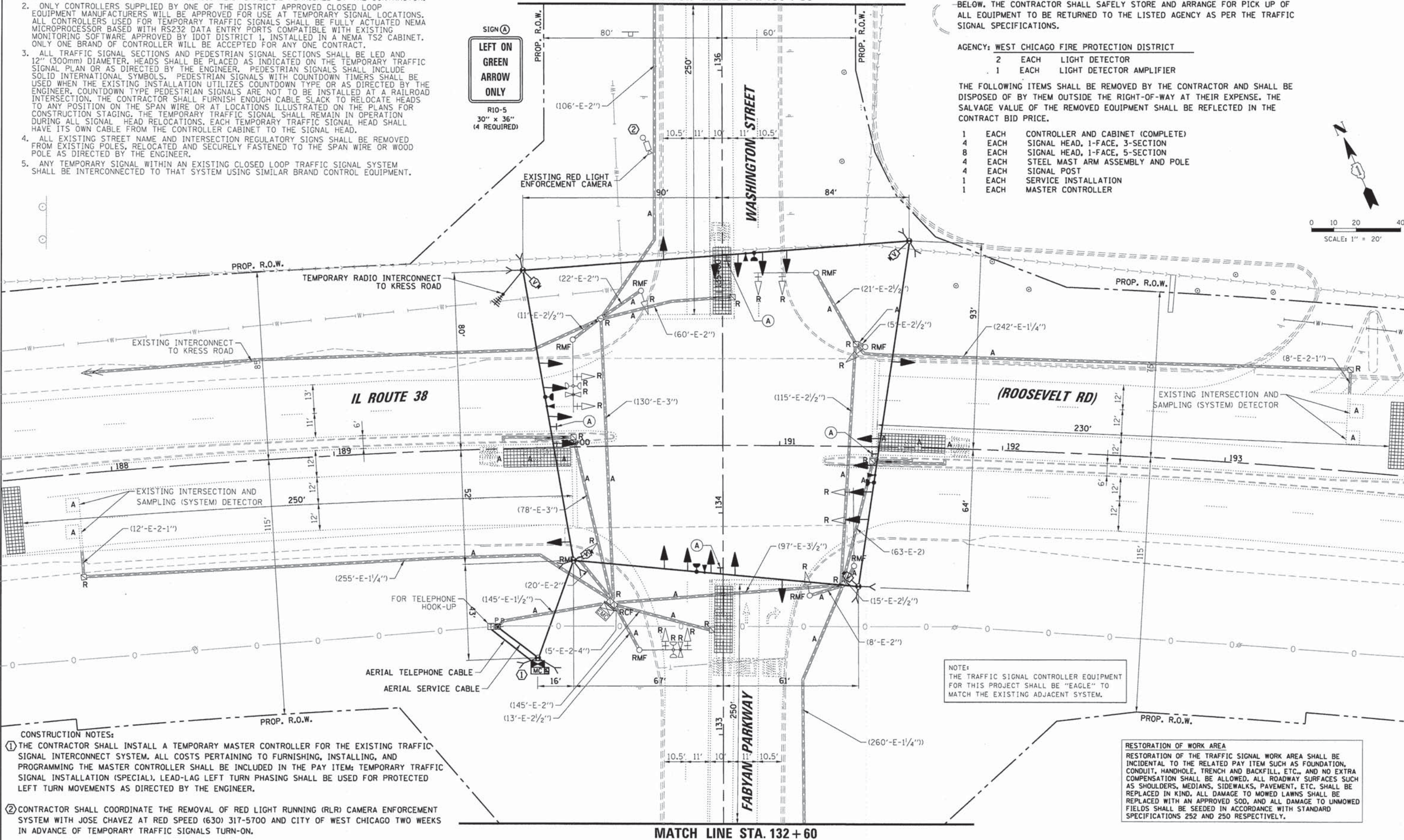
THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

1 EACH CONTROLLER AND CABINET (COMPLETE)
 4 EACH SIGNAL HEAD, 1-FACE, 3-SECTION
 8 EACH SIGNAL HEAD, 1-FACE, 5-SECTION
 4 EACH STEEL MAST ARM ASSEMBLY AND POLE
 4 EACH SIGNAL POST
 1 EACH SERVICE INSTALLATION
 1 EACH MASTER CONTROLLER



PLAN	SUBMITTED	DATE
NOTE BOOK	PLOTTED	
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	DATE	
	BY	
	FILE NAME	
	NO.	

PROFILE	SUBMITTED	DATE
NOTE BOOK	GRADES CHECKED	
NO.	STRUCTURE	
	NOTATIONS CHKD	
	NO.	



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

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

- CONSTRUCTION NOTES:
- 1 THE CONTRACTOR SHALL INSTALL A TEMPORARY MASTER CONTROLLER FOR THE EXISTING TRAFFIC SIGNAL INTERCONNECT SYSTEM. ALL COSTS PERTAINING TO FURNISHING, INSTALLING, AND PROGRAMMING THE MASTER CONTROLLER SHALL BE INCLUDED IN THE PAY ITEM: TEMPORARY TRAFFIC SIGNAL INSTALLATION (SPECIAL). LEAD-LAG LEFT TURN PHASING SHALL BE USED FOR PROTECTED LEFT TURN MOVEMENTS AS DIRECTED BY THE ENGINEER.
 - 2 CONTRACTOR SHALL COORDINATE THE REMOVAL OF RED LIGHT RUNNING (RLR) CAMERA ENFORCEMENT SYSTEM WITH JOSE CHAVEZ AT RED SPEED (630) 317-5700 AND CITY OF WEST CHICAGO TWO WEEKS IN ADVANCE OF TEMPORARY TRAFFIC SIGNALS TURN-ON.

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION AND
 REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT (SHEET 1 OF 2) - EXISTING STAGE
 IL ROUTE 38 (ROOSEVELT ROAD) AND FABYAN PARKWAY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	163
CONTRACT NO. 63849				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

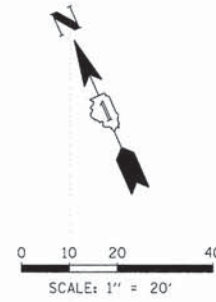
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SCALE: 1"=20' SHEET NO. 2 OF 36 SHEETS STA. TO STA.

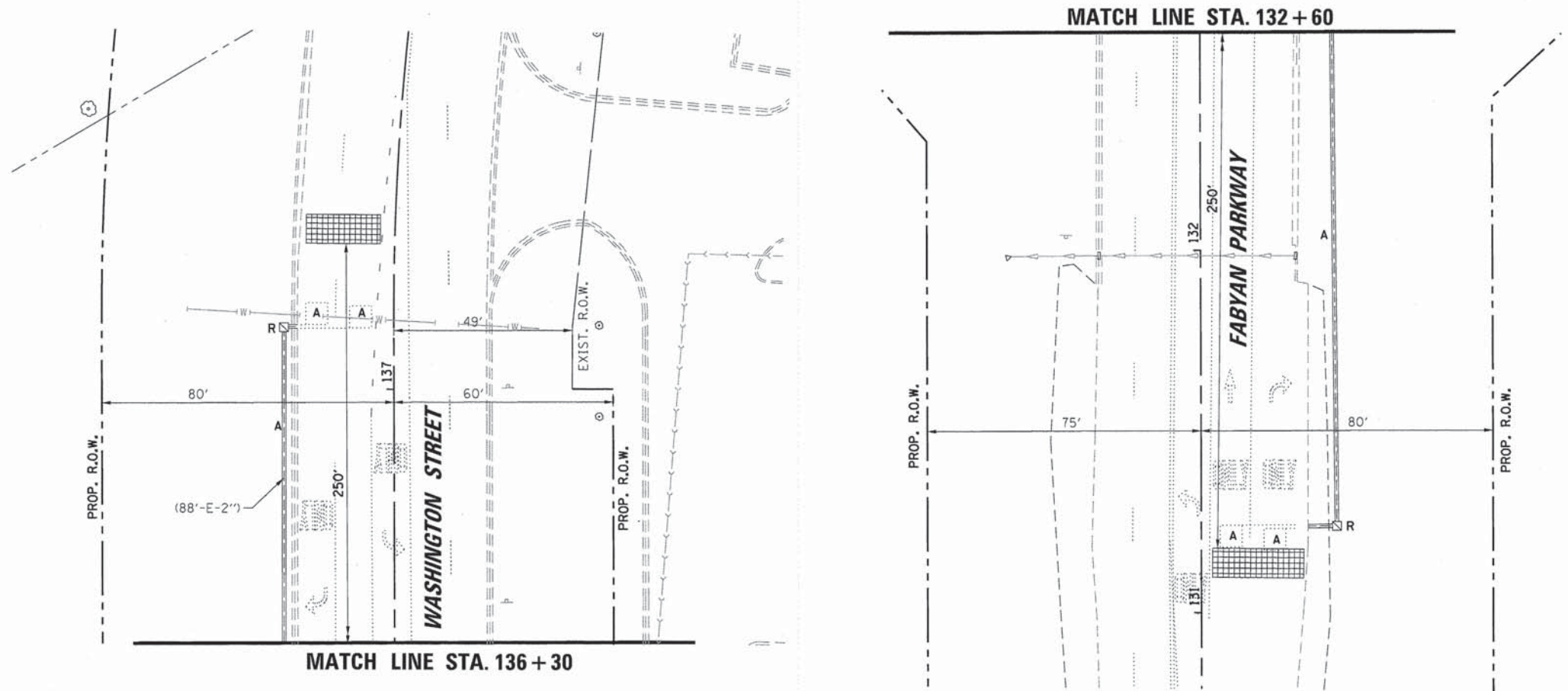
NOTES FOR TEMPORARY TRAFFIC SIGNALS

6. THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL, AT THE TIME OF THE TURN ON, IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.
7. UNINTERRUPTIBLE POWER SUPPLY (UPS) SYSTEMS SHALL BE INSTALLED AND MADE OPERATIONAL AT TEMPORARY TRAFFIC SIGNAL INSTALLATIONS WHERE UPS IS INSTALLED AT THE EXISTING TRAFFIC SIGNAL, TEMPORARY TRAFFIC SIGNALS AT RAILROAD INTERSECTIONS, AND TEMPORARY TRAFFIC SIGNALS AT INTERSECTIONS WITH FIRE STATION ACTUATED EMERGENCY VEHICLE PRE-EMPTION, OR WHEN INDICATED ON THE PLANS.
8. TRAFFIC SIGNAL MANAGEMENT SYSTEMS SHALL BE MAINTAINED IN OPERATION AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. REQUIRED EQUIPMENT SHALL BE AS SHOWN ON THE PLANS AND THE CONTRACTOR SHALL PLACE THE EQUIPMENT IN OPERATION TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE TRAFFIC SIGNAL MANAGEMENT SYSTEM.
9. DETECTION AT TEMPORARY TRAFFIC SIGNALS SHALL BE INCLUDED FOR ALL APPROACHES OF THE INTERSECTION UNLESS INDICATED OTHERWISE ON THE PLANS. THE DETECTION SYSTEM MUST MEET THE SPECIFICATIONS OF DISTRICT 1 AND THE CONTRACTOR SHALL PLACE THE DETECTORS INTO OPERATION TO THE SATISFACTION OF THE ENGINEER.
10. WHEN PAN, TILT, ZOOM CAMERAS ARE INSTALLED AT THE EXISTING INTERSECTION OR ARE CALLED FOR IN THE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING THE CAMERAS TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE CAMERAS.



PLAN	REVISIONS	DATE
NOTE BOOK NO.	BY	
	DATE	
	BY	
	DATE	
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	DATE	

PROFILE	REVISIONS	DATE
NOTE BOOK NO.	BY	
	DATE	
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	BY	
	DATE	



GENERAL NOTES:

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION. THIS SHALL INCLUDE LOCATING THE MAST ARM FOUNDATIONS AND VERIFYING THE MAST ARMS LENGTHS.
2. THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE ORDERING ANY MATERIALS AND STARTING ANY WORK. FOR LOCATIONS OF UTILITIES, LOCALLY OWNED EQUIPMENT, LEASED ENFORCEMENT CAMERA SYSTEM FACILITIES AND IDOT UNDERGROUND FACILITIES, CONTACT THE LOCAL COUNTIES, MUNICIPALITIES AND IDOT FOR LOCATES. THE CONTRACTOR SHALL CALL 'JULIE' AT (800) 892-0123 OR 811, IN THE CITY OF CHICAGO CONTACT DIGGER AT (312) 744-7000 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION REQUIRED).
3. THE CONTRACTOR SHALL CHECK THE PROPOSED TRAFFIC SIGNAL EQUIPMENT LOCATIONS FOR OVERHEAD UTILITY CONFLICTS. THE CONTRACTOR SHALL COORDINATE ANY CONFLICTS WITH THE UTILITY COMPANIES AND THE RESIDENT ENGINEER BEFORE ORDERING MATERIALS.
4. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, LOCAL GOVERNMENT AGENCIES AND IDOT.

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION AND
 REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT (SHEET 2 OF 2) - EXISTING STAGE
 IL ROUTE 38 (ROOSEVELT ROAD) AND FABYAN PARKWAY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	164
CONTRACT NO. 63849				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SCALE: 1"=20' SHEET NO. 3 OF 36 SHEETS STA. TO STA.

NOTES FOR TEMPORARY TRAFFIC SIGNALS

1. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
2. ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY IDOT DISTRICT 1, INSTALLED IN A NEMA TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.
3. ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE LED AND 12" (300mm) DIAMETER. HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. PEDESTRIAN SIGNALS SHALL INCLUDE SOLID INTERNATIONAL SYMBOLS. PEDESTRIAN SIGNALS WITH COUNTDOWN TIMERS SHALL BE USED WHEN THE EXISTING INSTALLATION UTILIZES COUNTDOWN TYPE OR AS DIRECTED BY THE ENGINEER. COUNTDOWN TYPE PEDESTRIAN SIGNALS ARE NOT TO BE INSTALLED AT A RAILROAD INTERSECTION. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
4. ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED AND SECURELY FASTENED TO THE SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.
5. ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
6. THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL, AT THE TIME OF THE TURN ON, IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.

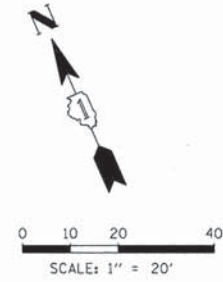


R10-5
30" x 36"
(4 REQUIRED)

MATCH LINE STA. 136 + 30

GENERAL NOTES:

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION. THIS SHALL INCLUDE LOCATING THE MAST ARM FOUNDATIONS AND VERIFYING THE MAST ARMS LENGTHS.
2. THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE ORDERING ANY MATERIALS AND STARTING ANY WORK. FOR LOCATIONS OF UTILITIES, LOCALLY OWNED EQUIPMENT, LEASED ENFORCEMENT CAMERA SYSTEM FACILITIES AND IDOT UNDERGROUND FACILITIES, CONTACT THE LOCAL COUNTIES, MUNICIPALITIES AND IDOT FOR LOCATES. THE CONTRACTOR SHALL CALL 'JULIE' AT (800) 892-0123 OR 811, IN THE CITY OF CHICAGO CONTACT DIGGER AT (312) 744-7000 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION REQUIRED).
3. THE CONTRACTOR SHALL CHECK THE PROPOSED TRAFFIC SIGNAL EQUIPMENT LOCATIONS FOR OVERHEAD UTILITY CONFLICTS. THE CONTRACTOR SHALL COORDINATE ANY CONFLICTS WITH THE UTILITY COMPANIES AND THE RESIDENT ENGINEER BEFORE ORDERING MATERIALS.
4. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, LOCAL GOVERNMENT AGENCIES AND IDOT.



PLAN	DESIGNED	DATE
NOTE BOOK	BY	
NO.	DATE	
	BY	
	DATE	

PROFILE	DESIGNED	DATE
NOTE BOOK	BY	
NO.	DATE	
	BY	
	DATE	

NOTES FOR TEMPORARY TRAFFIC SIGNALS

7. UNINTERRUPTIBLE POWER SUPPLY (UPS) SYSTEMS SHALL BE INSTALLED AND MADE OPERATIONAL AT TEMPORARY TRAFFIC SIGNAL INSTALLATIONS WHERE UPS IS INSTALLED AT THE EXISTING TRAFFIC SIGNAL, TEMPORARY TRAFFIC SIGNALS AT RAILROAD INTERSECTIONS, AND TEMPORARY TRAFFIC SIGNALS AT INTERSECTIONS WITH FIRE STATION ACTUATED EMERGENCY VEHICLE PRE-EMPTION, OR WHEN INDICATED ON THE PLANS.
8. TRAFFIC SIGNAL MANAGEMENT SYSTEMS SHALL BE MAINTAINED IN OPERATION AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. REQUIRED EQUIPMENT SHALL BE AS SHOWN ON THE PLANS AND THE CONTRACTOR SHALL PLACE THE EQUIPMENT IN OPERATION TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE TRAFFIC SIGNAL MANAGEMENT SYSTEM.
9. DETECTION AT TEMPORARY TRAFFIC SIGNALS SHALL BE INCLUDED FOR ALL APPROACHES OF THE INTERSECTION UNLESS INDICATED OTHERWISE ON THE PLANS. THE DETECTION SYSTEM MUST MEET THE SPECIFICATIONS OF DISTRICT 1 AND THE CONTRACTOR SHALL PLACE THE DETECTORS INTO OPERATION TO THE SATISFACTION OF THE ENGINEER.
10. WHEN PAN, TILT, ZOOM CAMERAS ARE INSTALLED AT THE EXISTING INTERSECTION OR ARE CALLED FOR IN THE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING THE CAMERAS TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE CAMERAS.

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

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

COMPANY NAME: CHRISTOPHER B. BURKE ENGINEERING, LTD.
PROJECT CONTACT: E. J. JENSEN
CLIENT: STATE OF ILLINOIS
DATE PLOTTED: 8/18/2014 4:31:22 PM
FILE NAME: MOT11L38-Fabyon Pkwy.dgn
PLOT DRIVER: PLOT.DRV
PEN TABLE: PEN.TBL

USER NAME = e.jensen	DESIGNED - EAJ	REVISED -
FILE NAME = MOT11L38-Fabyon Pkwy.dgn	DRAWN - FPB	REVISED -
PLOT SCALE =	CHECKED - GMZ	REVISED -
PLOT DATE = 8/18/2014	DATE - 8/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

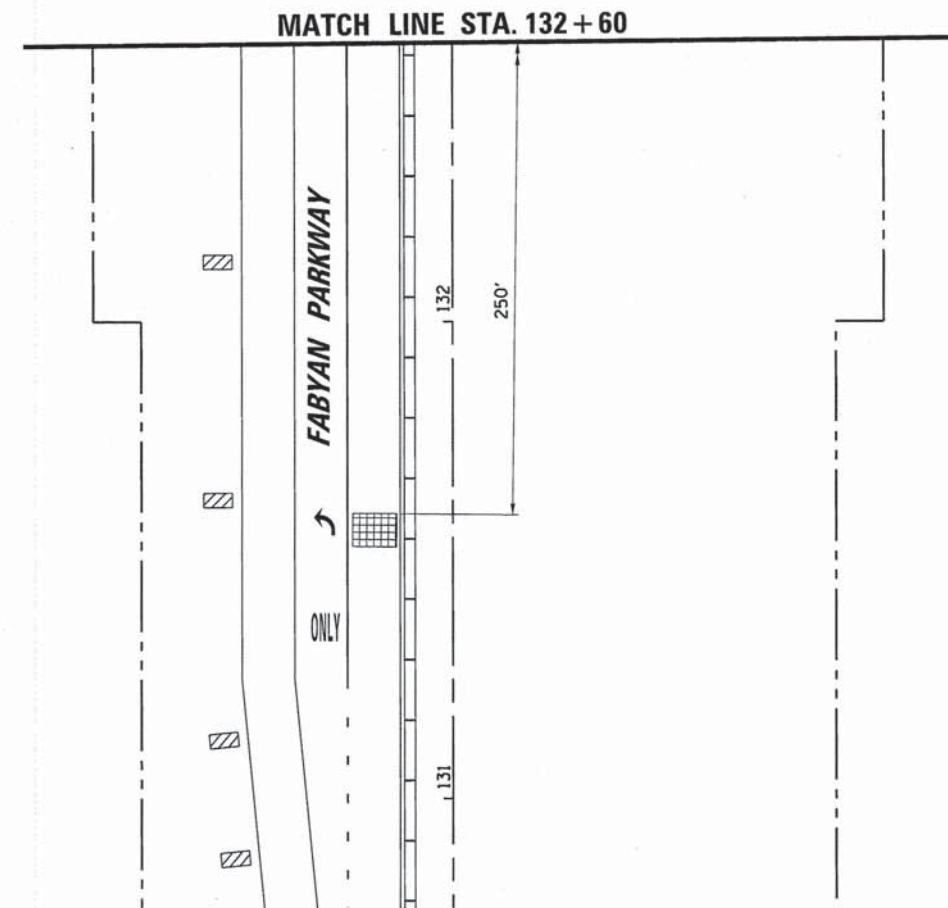
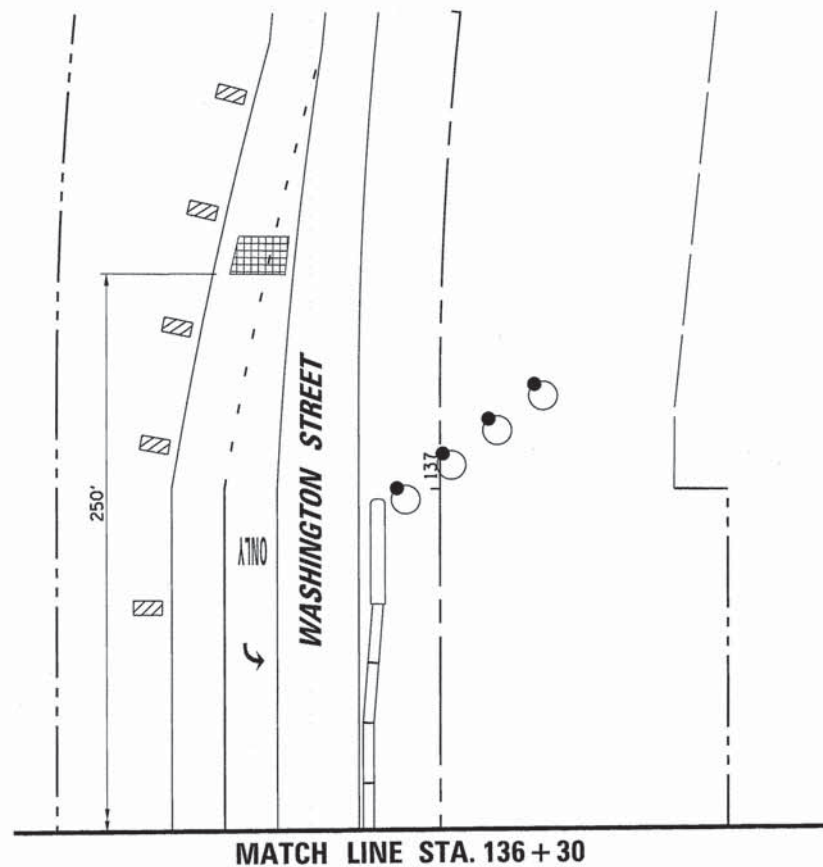
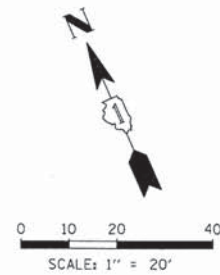
TEMPORARY TRAFFIC SIGNAL STAGING
MOT STAGE 1 - (SHEET 1 OF 2)
IL ROUTE 38 (ROOSEVELT ROAD) AND FABYAN PARKWAY
SCALE: 1"=20'
SHEET NO. 4 OF 36 SHEETS STA. TO STA.

F.A.P. RTE. 347	SECTION 11-00210-04-CH	COUNTY DUPAGE	TOTAL SHEETS 304	SHEET NO. 165
CONTRACT NO. 63849				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PLAN	REVIEWED	BY	DATE
NOTE BOOK NO.	ALIGNED		
	CHECKED		
	CADD FILE NAME		

PROFILE	REVIEWED	BY	DATE
NOTE BOOK NO.	GRADES CHECKED		
	STRUCTURE NOTATIONS CHKD		

COMPANY NAME: #COMPANY_NAME#
 PROJECT CONTACT: #PROJECT_CONTACT#
 CLIENT: #CLIENT#
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FILE NAME = MOTI_IL38-Fabyan Pkwy_02.dgn	DRAWN - FPB	REVISED -
PLOT SCALE =	CHECKED - GMZ	REVISED -
PLOT DATE = 8/18/2014	DATE - 8/18/2014	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL STAGING
 MOT STAGE 1 - (SHEET 2 OF 2)
 IL ROUTE 38 (ROOSEVELT ROAD) AND FABYAN PARKWAY

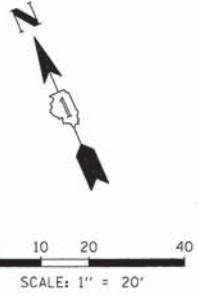
SCALE: 1"=20' SHEET NO. 5 OF 36 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	166
CONTRACT NO. 63849				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

MATCH LINE STA. 136 + 30

GENERAL NOTES:

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION. THIS SHALL INCLUDE LOCATING THE MAST ARM FOUNDATIONS AND VERIFYING THE MAST ARMS LENGTHS.
2. THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE ORDERING ANY MATERIALS AND STARTING ANY WORK. FOR LOCATIONS OF UTILITIES, LOCALLY OWNED EQUIPMENT, LEASED ENFORCEMENT CAMERA SYSTEM FACILITIES AND IDOT UNDERGROUND FACILITIES, CONTACT THE LOCAL COUNTIES, MUNICIPALITIES AND IDOT FOR LOCATES. THE CONTRACTOR SHALL CALL 'JULIE' AT (800) 892-0123 OR 811. IN THE CITY OF CHICAGO CONTACT DIGGER AT (312) 744-7000 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION REQUIRED).
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NOTES FOR TEMPORARY TRAFFIC SIGNALS

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3. ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE LED AND 12" (300mm) DIAMETER. HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. PEDESTRIAN SIGNALS SHALL INCLUDE SOLID INTERNATIONAL SYMBOLS. PEDESTRIAN SIGNALS WITH COUNTDOWN TIMERS SHALL BE USED WHEN THE EXISTING INSTALLATION UTILIZES COUNTDOWN TYPE OR AS DIRECTED BY THE ENGINEER. COUNTDOWN TYPE PEDESTRIAN SIGNALS ARE NOT TO BE INSTALLED AT A RAILROAD INTERSECTION. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
4. ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED AND SECURELY FASTENED TO THE SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.
5. ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
6. THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL, AT THE TIME OF THE TURN ON, IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.



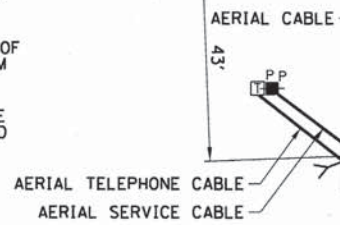
DATE	
BY	
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DATE	
BY	
PROFILE	
SURVEYED	
GRADES	
CHECKED	
BLM. NOTED	
STRUCTURE	
NOTATIONS	
CHKD	
NO.	

NOTES FOR TEMPORARY TRAFFIC SIGNALS

7. UNINTERRUPTIBLE POWER SUPPLY (UPS) SYSTEMS SHALL BE INSTALLED AND MADE OPERATIONAL AT TEMPORARY TRAFFIC SIGNAL INSTALLATIONS WHERE UPS IS INSTALLED AT THE EXISTING TRAFFIC SIGNAL, TEMPORARY TRAFFIC SIGNALS AT RAILROAD INTERSECTIONS, AND TEMPORARY TRAFFIC SIGNALS AT INTERSECTIONS WITH FIRE STATION ACTUATED EMERGENCY VEHICLE PRE-EMPTION, OR WHEN INDICATED ON THE PLANS.
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RESTORATION OF WORK AREA
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NOTE:
 THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

CONSTRUCTION NOTES:

- ① LEAD-LAG LEFT PHASING SHALL BE USED FOR PROTECTED LEFT TURN MOVEMENTS AS DIRECTED BY THE ENGINEER.

MATCH LINE STA. 132 + 60

COMPANY NAME: CHRISTOPHER B. BURKE ENGINEERING, LTD.
 PROJECT CONTACT: #PROJECT CONTACT#
 CLIENT: #CLIENT#
 DATE PLOTTED: 8/18/14 4:31:30 PM
 FILE NAME: MOTIA-IL-38-Fabyan Pkwy_01.dgn
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 PEN TABLE: PEN.TABLE#

USER NAME = ejensen
 FILE NAME = MOTIA-IL-38-Fabyan Pkwy_01.dgn
 PLOT SCALE =
 PLOT DATE = 8/18/2014

DESIGNED - EAJ
 DRAWN - FPB
 CHECKED - GMZ
 DATE - 8/18/2014

REVISED -
 REVISED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

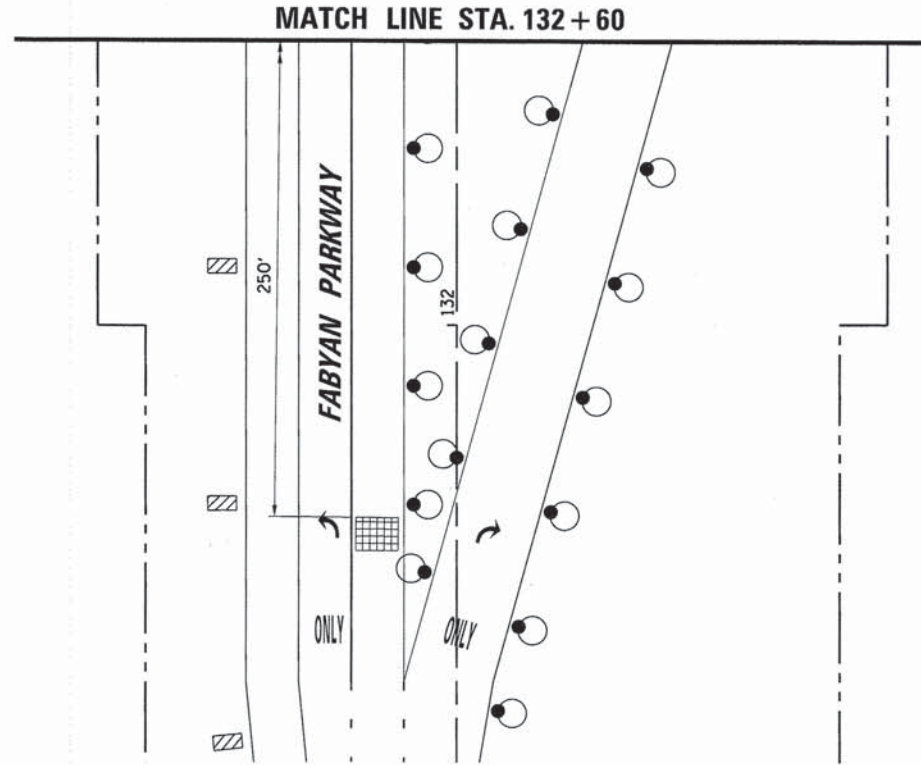
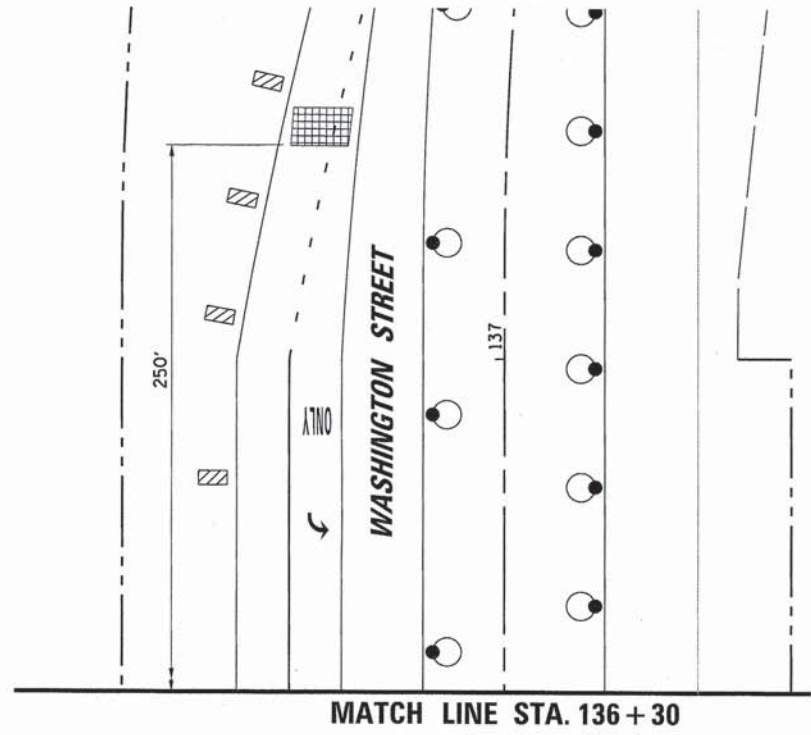
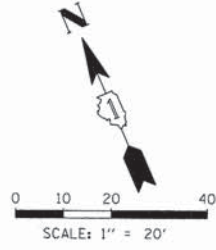
TEMPORARY TRAFFIC SIGNAL STAGING
 MOT STAGE 1A - (SHEET 1 OF 2)
 IL ROUTE 38 (ROOSEVELT ROAD) AND FABYAN PARKWAY
 SCALE: 1"=20' SHEET NO. 6 OF 36 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	167
CONTRACT NO. 63849				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PLAN	REVIEWED	DATE
NOTE BOOK	ALIGNED	
NO.	CHECKED	
	FILE NAME	

PROFILE	REVIEWED	DATE
NOTE BOOK	GRADES CHECKED	
NO.	STRUCTURE	
	NOTATIONS	

COMPANY NAME: #COMPANY_NAME#
 PROJECT CONTACT: #PROJECT_CONTACT#
 CLIENT: #CLIENT#
 DATE PLOTTED: 8/18/14 4:35:33 PM
 FILE NAME: MDT1A_IL38-Fabyan Pkwy_02.dgn
 PLOT DATE: 8/18/14
 PLOT TIME: 4:35:33 PM
 PLOT BY: #PLOT_BY#



USER NAME = e.jensen	DESIGNED - EAJ	REVISED -
FILE NAME = MDT1A_IL38-Fabyan Pkwy_02.dgn	DRAWN - FPB	REVISED -
PLOT SCALE =	CHECKED - GMZ	REVISED -
PLOT DATE = 8/18/2014	DATE - 8/18/2014	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL STAGING			
MOT STAGE 1A - (SHEET 2 OF 2)			
IL ROUTE 38 (ROOSEVELT ROAD) AND FABYAN PARKWAY			
SCALE: 1"=20'	SHEET NO. 7	OF 36 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	168
CONTRACT NO. 63849				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

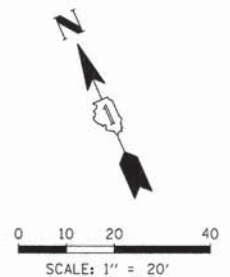
NOTES FOR TEMPORARY TRAFFIC SIGNALS

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MATCH LINE STA. 136 + 30

GENERAL NOTES:

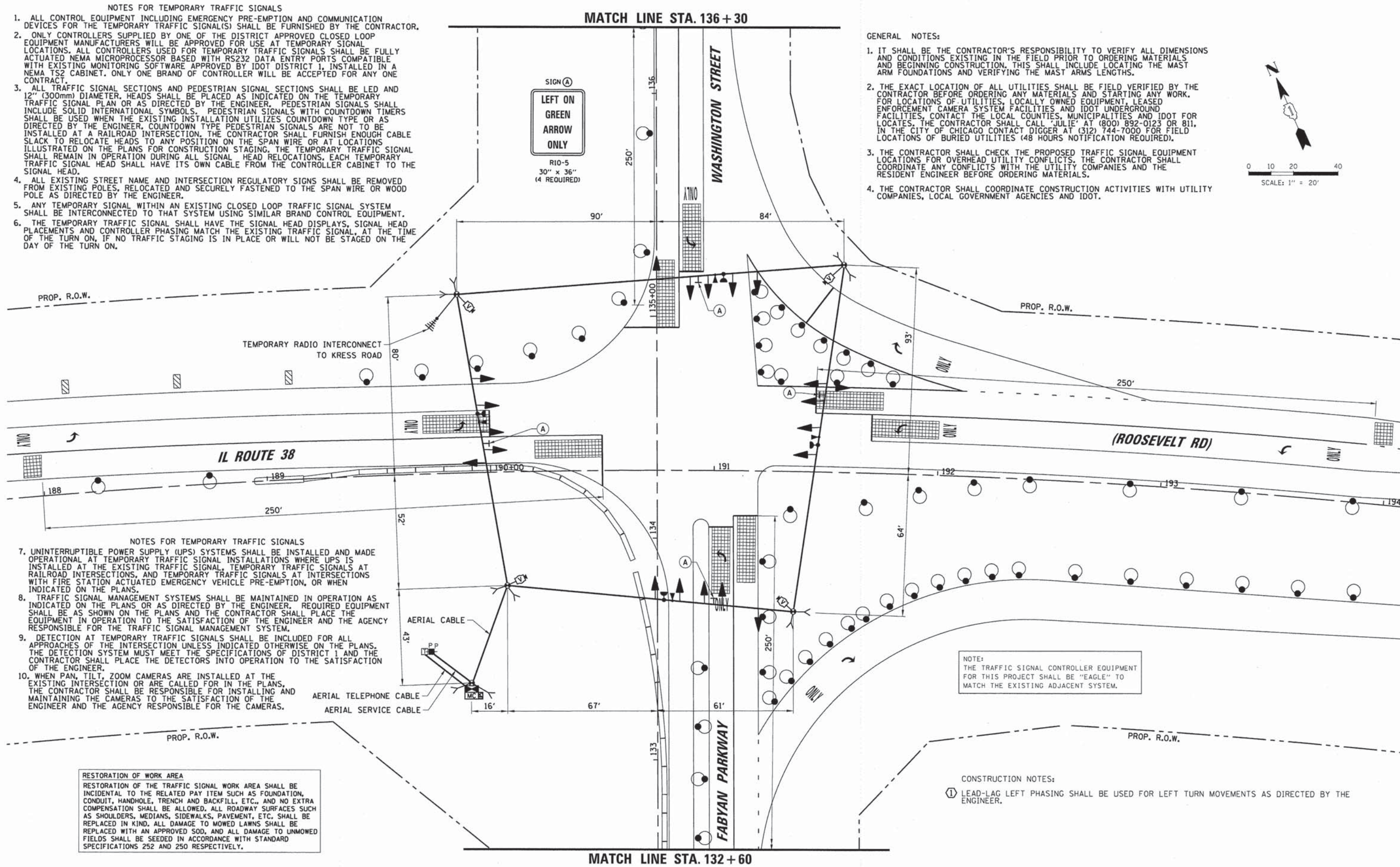
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4. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, LOCAL GOVERNMENT AGENCIES AND IDOT.



DATE	BY	REVISION

DATE	BY	REVISION

COMPANY NAME: #COMPANY NAME#
 PROJECT CONTACT: #PROJECT CONTACT#
 CLIENT: #CLIENT#
 DATE PLOTTED: 8/18/14 4:31:38 PM
 FILE NAME: MOT2_IL38-Fabjan Pkwy_01.dgn
 PLOT DRIVER: #PLOT DRIVER#
 PEN TABLE: #PEN TABLE#



NOTES FOR TEMPORARY TRAFFIC SIGNALS

7. UNINTERRUPTIBLE POWER SUPPLY (UPS) SYSTEMS SHALL BE INSTALLED AND MADE OPERATIONAL AT TEMPORARY TRAFFIC SIGNAL INSTALLATIONS WHERE UPS IS INSTALLED AT THE EXISTING TRAFFIC SIGNAL, TEMPORARY TRAFFIC SIGNALS AT RAILROAD INTERSECTIONS, AND TEMPORARY TRAFFIC SIGNALS AT INTERSECTIONS WITH FIRE STATION ACTUATED EMERGENCY VEHICLE PRE-EMPTION, OR WHEN INDICATED ON THE PLANS.
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RESTORATION OF WORK AREA
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NOTE:
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CONSTRUCTION NOTES:
 ① LEAD-LAG LEFT PHASING SHALL BE USED FOR LEFT TURN MOVEMENTS AS DIRECTED BY THE ENGINEER.

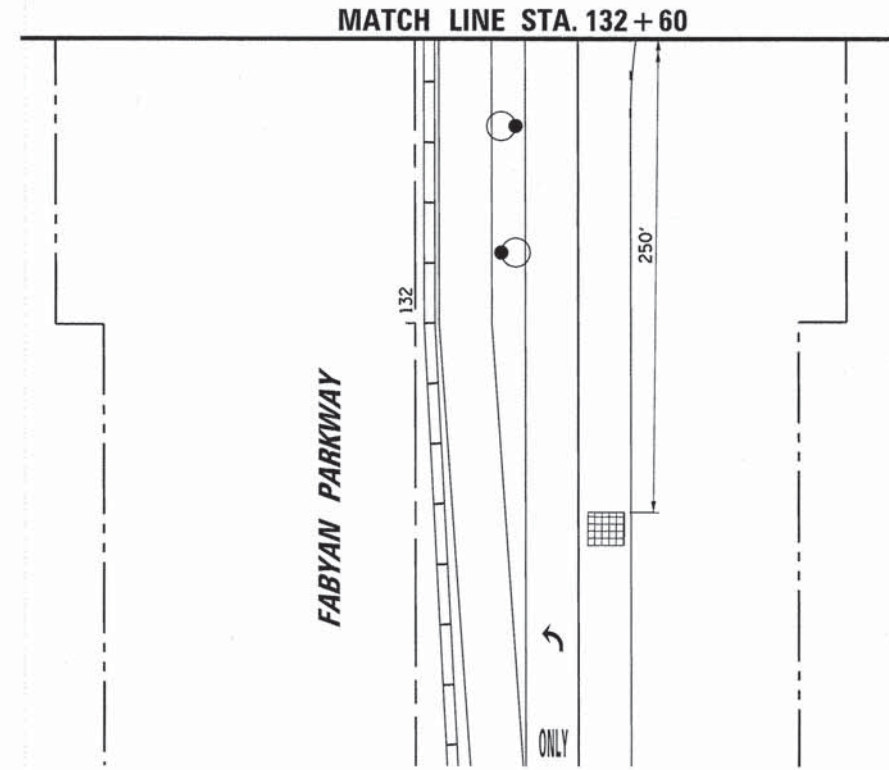
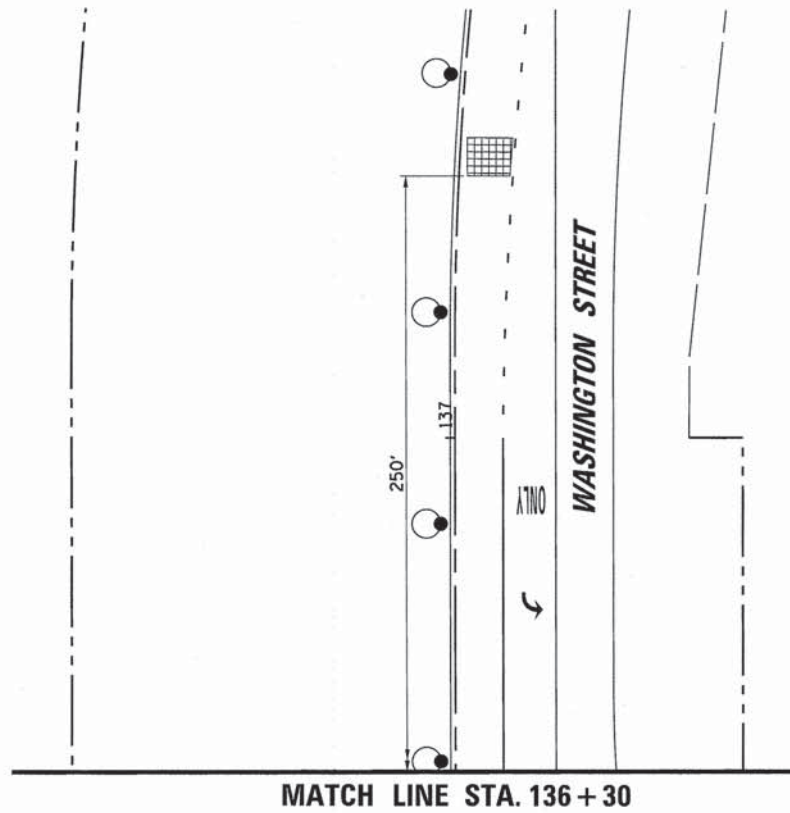
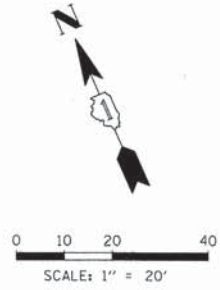
MATCH LINE STA. 132 + 60

USER NAME = e.jensen FILE NAME = MOT2_IL38-Fabjan Pkwy_01.dgn PLOT SCALE = PLOT DATE = 8/18/2014	DESIGNED - EAJ DRAWN - FPB CHECKED - GMZ DATE - 8/18/2014	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY TRAFFIC SIGNAL STAGING MOT STAGE 2 - (SHEET 1 OF 2) IL ROUTE 38 (ROOSEVELT ROAD) AND FABYAN PARKWAY	F.A.P. RTE. 347 SECTION 11-00210-04-CH COUNTY DUPAGE TOTAL SHEETS 304 SHEET NO. 169 CONTRACT NO. 63849	SCALE: 1"=20' SHEET NO. 8 OF 36 SHEETS STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT
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PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	FILE NAME		
	CADD FILE NAME		
	NOTE BOOK NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	FILE NAME		
	STRUCTURE NOTATIONS CHKD		
	NOTE BOOK NO.		

COMPANY NAME: #COMPANY_NAMES
 PROJECT CONTACT: #PROJECT_CONTACTS
 CLIENT: #CLIENTS
 CLIENT: #CLIENTS
 FILE NAME: #FILE_NAMES
 PLOT DRIVER: #PLOT_DRIVERS
 PEN TABLE: #PEN_TABLES



USER NAME = e.jensen	DESIGNED - EAJ	REVISED -
FILE NAME = MOT2_IL38-Fabyan Pkwy_02.dgn	DRAWN - FPB	REVISED -
PLOT SCALE =	CHECKED - GMZ	REVISED -
PLOT DATE = 8/18/2014	DATE - 8/18/2014	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TEMPORARY TRAFFIC SIGNAL STAGING MOT STAGE 2 - (SHEET 2 OF 2) IL ROUTE 38 (ROOSEVELT ROAD) AND FABYAN PARKWAY		
SCALE: 1"=20'	SHEET NO. 9 OF 36 SHEETS	STA. TO STA.

F.A.P. RTE. 347	SECTION 11-00210-04-CH	COUNTY DUPAGE	TOTAL SHEETS 304	SHEET NO. 170
CONTRACT NO. 63849				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



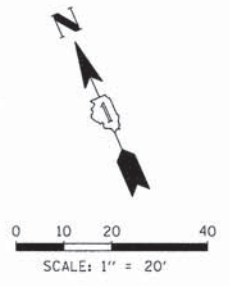
NOTES FOR TEMPORARY TRAFFIC SIGNALS

1. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
2. ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY IDOT DISTRICT 1, INSTALLED IN A NEMA TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.
3. ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE LED AND 12" (300mm) DIAMETER. HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. PEDESTRIAN SIGNALS SHALL INCLUDE SOLID INTERNATIONAL SYMBOLS. PEDESTRIAN SIGNALS WITH COUNTDOWN TIMERS SHALL BE USED WHEN THE EXISTING INSTALLATION UTILIZES COUNTDOWN TYPE OR AS DIRECTED BY THE ENGINEER. COUNTDOWN TYPE PEDESTRIAN SIGNALS ARE NOT TO BE INSTALLED AT A RAILROAD INTERSECTION. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
4. ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED AND SECURELY FASTENED TO THE SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.
5. ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
6. THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL, AT THE TIME OF THE TURN ON, IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.
7. UNINTERRUPTIBLE POWER SUPPLY (UPS) SYSTEMS SHALL BE INSTALLED AND MADE OPERATIONAL AT TEMPORARY TRAFFIC SIGNAL INSTALLATIONS WHERE UPS IS INSTALLED AT THE EXISTING TRAFFIC SIGNAL, TEMPORARY TRAFFIC SIGNALS AT RAILROAD INTERSECTIONS, AND TEMPORARY TRAFFIC SIGNALS AT INTERSECTIONS WITH FIRE STATION ACTUATED EMERGENCY VEHICLE PRE-EMPTION, OR WHEN INDICATED ON THE PLANS.

MATCH LINE STA. 136 + 30

GENERAL NOTES:

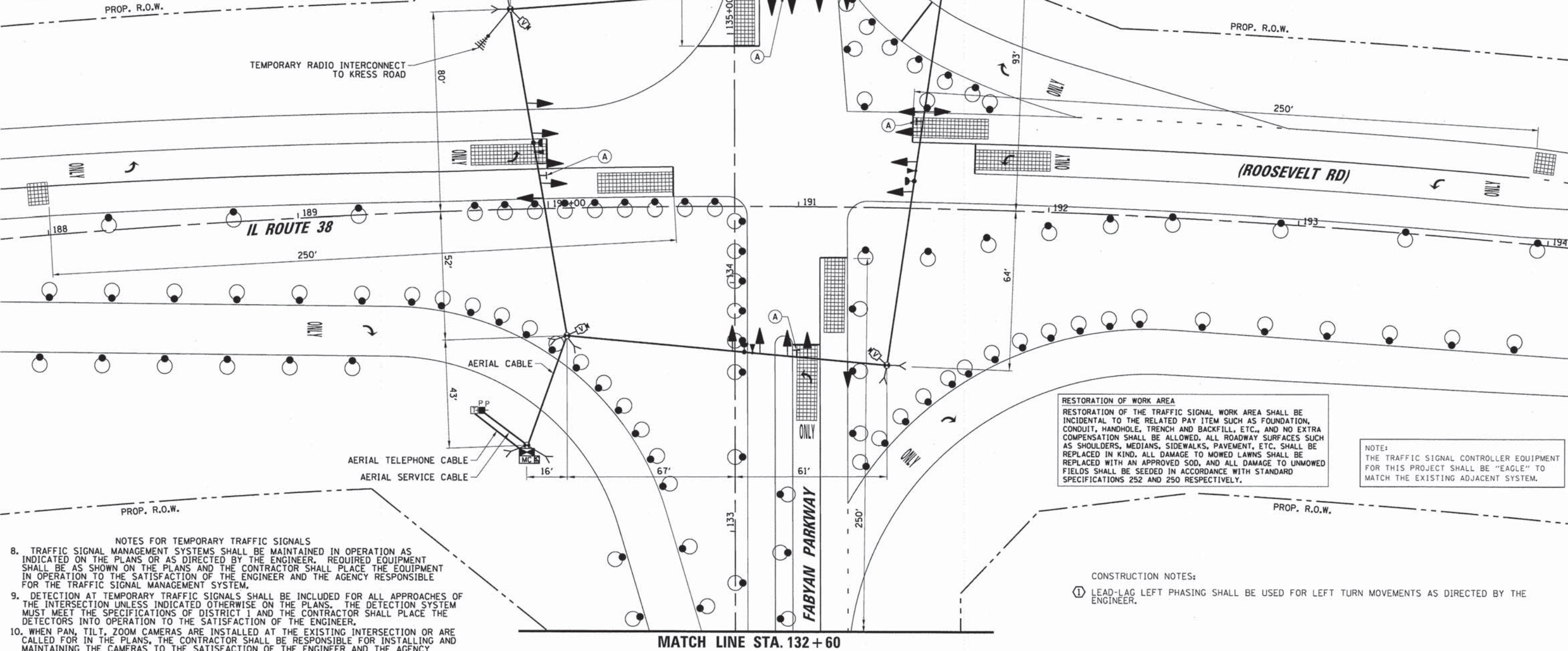
1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION. THIS SHALL INCLUDE LOCATING THE MAST ARM FOUNDATIONS AND VERIFYING THE MAST ARMS LENGTHS.
2. THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE ORDERING ANY MATERIALS AND STARTING ANY WORK. FOR LOCATIONS OF UTILITIES, LOCALLY OWNED EQUIPMENT, LEASED ENFORCEMENT CAMERA SYSTEM FACILITIES AND IDOT UNDERGROUND FACILITIES, CONTACT THE LOCAL COUNTIES, MUNICIPALITIES AND IDOT FOR LOCATES. THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 OR 811, IN THE CITY OF CHICAGO CONTACT DIGGER AT (312) 744-7000 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION REQUIRED).
3. THE CONTRACTOR SHALL CHECK THE PROPOSED TRAFFIC SIGNAL EQUIPMENT LOCATIONS FOR OVERHEAD UTILITY CONFLICTS. THE CONTRACTOR SHALL COORDINATE ANY CONFLICTS WITH THE UTILITY COMPANIES AND THE RESIDENT ENGINEER BEFORE ORDERING MATERIALS.
4. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, LOCAL GOVERNMENT AGENCIES AND IDOT.



PLAN	SURVEYED	BY	DATE
	ALIGNED		
	NOTED		
	NO. _____		

PROFILE	SURVEYED	BY	DATE
	GRADES		
	NOTED		
	NO. _____		

COMPANY NAME:	#PROJECT_CONTACTS:
PROJECT CONTACT:	#CLIENTS:
DATE PLOTTED:	#PLI_DRVS:
FILE NAME:	#PEN_TABLES:



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

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

CONSTRUCTION NOTES:
 ① LEAD-LAG LEFT PHASING SHALL BE USED FOR LEFT TURN MOVEMENTS AS DIRECTED BY THE ENGINEER.

8. TRAFFIC SIGNAL MANAGEMENT SYSTEMS SHALL BE MAINTAINED IN OPERATION AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. REQUIRED EQUIPMENT SHALL BE AS SHOWN ON THE PLANS AND THE CONTRACTOR SHALL PLACE THE EQUIPMENT IN OPERATION TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE TRAFFIC SIGNAL MANAGEMENT SYSTEM.
9. DETECTION AT TEMPORARY TRAFFIC SIGNALS SHALL BE INCLUDED FOR ALL APPROACHES OF THE INTERSECTION UNLESS INDICATED OTHERWISE ON THE PLANS. THE DETECTION SYSTEM MUST MEET THE SPECIFICATIONS OF DISTRICT 1 AND THE CONTRACTOR SHALL PLACE THE DETECTORS INTO OPERATION TO THE SATISFACTION OF THE ENGINEER.
10. WHEN PAN, TILT, ZOOM CAMERAS ARE INSTALLED AT THE EXISTING INTERSECTION OR ARE CALLED FOR IN THE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING THE CAMERAS TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE CAMERAS.

MATCH LINE STA. 132 + 60

USER NAME = ejanson	DESIGNED - EAJ	REVISED -
FILE NAME = M072A_IL38-Fabyan Pkwy_01.dgn	DRAWN - FPB	REVISED -
PLOT SCALE =	CHECKED - GMZ	REVISED -
PLOT DATE = 8/18/2014	DATE - 8/18/2014	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

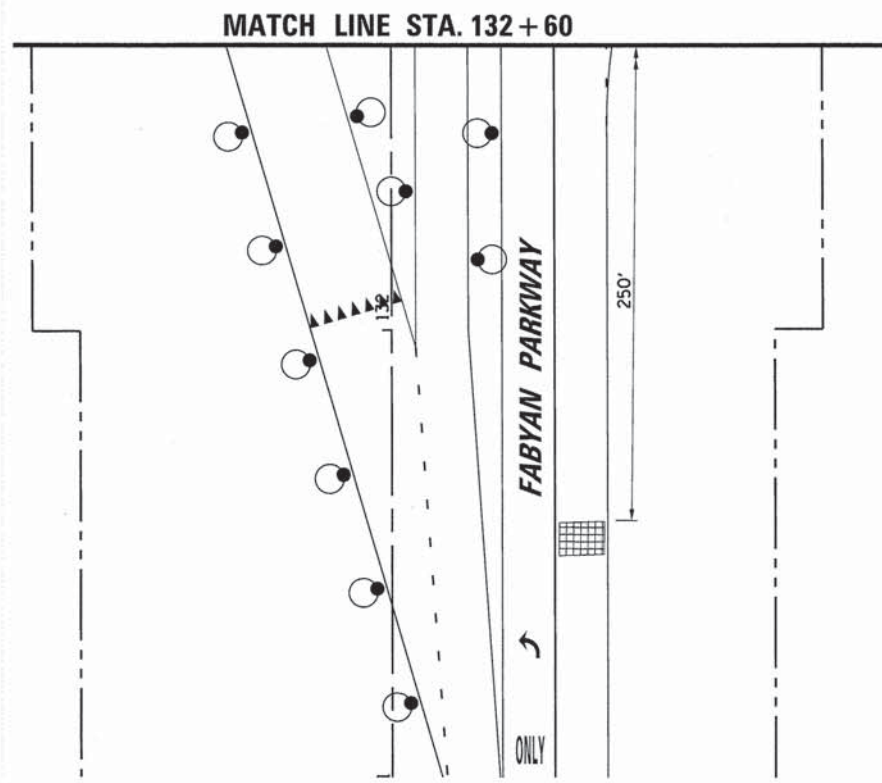
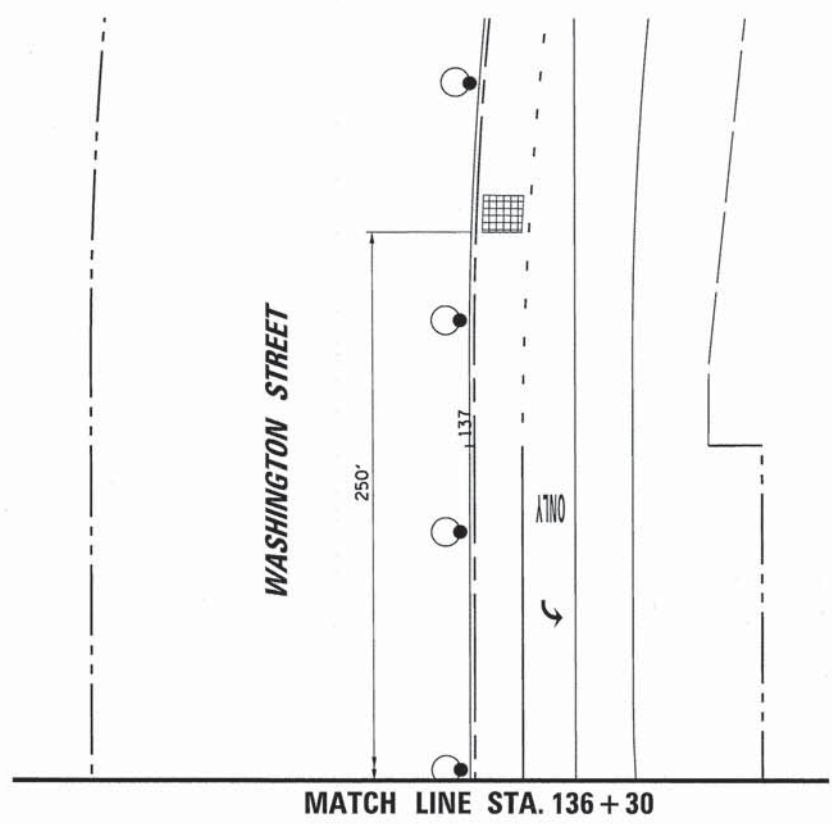
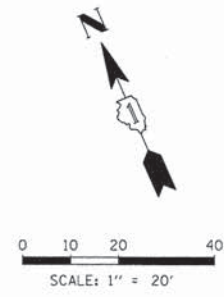
TEMPORARY TRAFFIC SIGNAL STAGING
 MOT STAGE 2A - (SHEET 1 OF 2)
 IL ROUTE 38 (ROOSEVELT ROAD) AND FABYAN PARKWAY
 SCALE: 1"=20' SHEET NO. 10 OF 36 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	171
CONTRACT NO. 63849				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	RT. OF WAY CHECKED		
	CADD FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	RT. OF WAY CHECKED		
	CADD FILE NAME		
	NO.		

COMPANY NAME: #COMPANY NAME#
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 PLOT DRIVER: #PLOT DRIVER#
 PEN TABLE: #PEN TABLE#



USER NAME = e_jensen	DESIGNED - EAJ	REVISED -
FILE NAME = MOT2A_IL38-Fabyan Pkwy-02.dgn	DRAWN - FPB	REVISED -
PLOT SCALE =	CHECKED - GMZ	REVISED -
PLOT DATE = 8/18/2014	DATE - 8/18/2014	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TEMPORARY TRAFFIC SIGNAL STAGING MOT STAGE 2A - (SHEET 2 OF 2) IL. ROUTE 38 (ROOSEVELT ROAD) AND FABYAN PARKWAY	
SCALE: 1"=20'	SHEET NO. 11 OF 36 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	172
CONTRACT NO. 63849				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

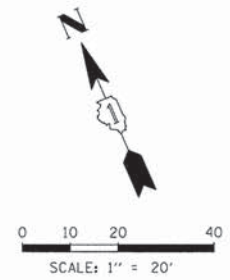
NOTES FOR TEMPORARY TRAFFIC SIGNALS

1. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
2. ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY IDOT DISTRICT 1, INSTALLED IN A NEMA TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.
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4. ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED AND SECURELY FASTENED TO THE SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.
5. ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
6. THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL, AT THE TIME OF THE TURN ON, IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.
7. UNINTERRUPTIBLE POWER SUPPLY (UPS) SYSTEMS SHALL BE INSTALLED AND MADE OPERATIONAL AT TEMPORARY TRAFFIC SIGNAL INSTALLATIONS WHERE UPS IS INSTALLED AT THE EXISTING TRAFFIC SIGNAL, TEMPORARY TRAFFIC SIGNALS AT RAILROAD INTERSECTIONS, AND TEMPORARY TRAFFIC SIGNALS AT INTERSECTIONS WITH FIRE STATION ACTUATED EMERGENCY VEHICLE PRE-EMPTION, OR WHEN INDICATED ON THE PLANS.

MATCH LINE STA. 136 + 30

GENERAL NOTES:

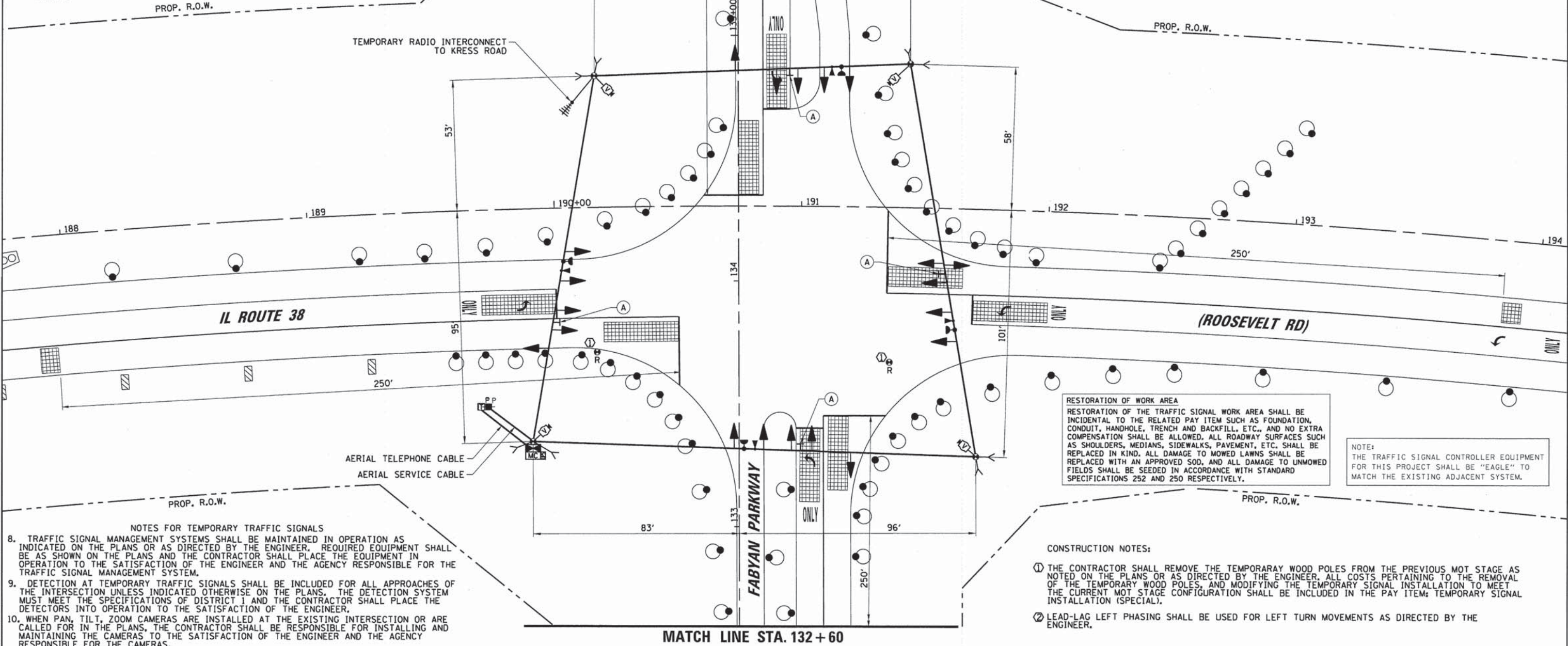
1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION. THIS SHALL INCLUDE LOCATING THE MAST ARM FOUNDATIONS AND VERIFYING THE MAST ARMS LENGTHS.
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4. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, LOCAL GOVERNMENT AGENCIES AND IDOT.



PLAN	REVISIONS	DATE
NO.	BY	
NOTE BOOK	ALIGNED	CHECKED
	DATE	

PROFILE	REVISIONS	DATE
NO.	BY	
NOTE BOOK	GRADES	CHECKED
	STRUCTURE	NOTATIONS
	CHKD	

COMPANY NAME:	#PROJECT CONTACTS:
CLIENT:	DATE PLOTTED:
FILE NAME:	PLOT DRIVER:
PEN TABLE:	



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

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

CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL REMOVE THE TEMPORARY WOOD POLES FROM THE PREVIOUS MOT STAGE AS NOTED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. ALL COSTS PERTAINING TO THE REMOVAL OF THE TEMPORARY WOOD POLES, AND MODIFYING THE TEMPORARY SIGNAL INSTALLATION TO MEET THE CURRENT MOT STAGE CONFIGURATION SHALL BE INCLUDED IN THE PAY ITEM; TEMPORARY SIGNAL INSTALLATION (SPECIAL).
2. LEAD-LAG LEFT PHASING SHALL BE USED FOR LEFT TURN MOVEMENTS AS DIRECTED BY THE ENGINEER.

NOTES FOR TEMPORARY TRAFFIC SIGNALS

8. TRAFFIC SIGNAL MANAGEMENT SYSTEMS SHALL BE MAINTAINED IN OPERATION AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. REQUIRED EQUIPMENT SHALL BE AS SHOWN ON THE PLANS AND THE CONTRACTOR SHALL PLACE THE EQUIPMENT IN OPERATION TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE TRAFFIC SIGNAL MANAGEMENT SYSTEM.
9. DETECTION AT TEMPORARY TRAFFIC SIGNALS SHALL BE INCLUDED FOR ALL APPROACHES OF THE INTERSECTION UNLESS INDICATED OTHERWISE ON THE PLANS. THE DETECTION SYSTEM MUST MEET THE SPECIFICATIONS OF DISTRICT 1 AND THE CONTRACTOR SHALL PLACE THE DETECTORS INTO OPERATION TO THE SATISFACTION OF THE ENGINEER.
10. WHEN PAN, TILT, ZOOM CAMERAS ARE INSTALLED AT THE EXISTING INTERSECTION OR ARE CALLED FOR IN THE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING THE CAMERAS TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE CAMERAS.

MATCH LINE STA. 132 + 60

USER NAME = e.janson	DESIGNED - EAJ	REVISED -
FILE NAME = MOT3_IL38-Fabyan Pkwy_01.dgn	DRAWN - FPB	REVISED -
PLOT SCALE =	CHECKED - GMZ	REVISED -
PLOT DATE = 8/18/2014	DATE - 8/18/2014	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

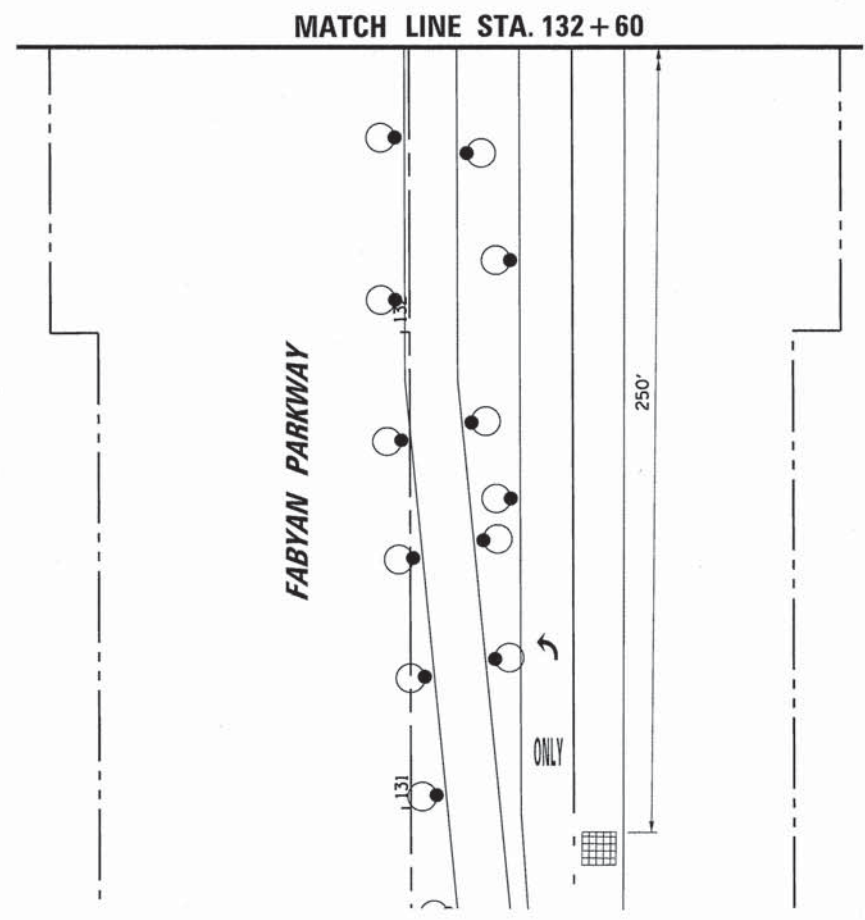
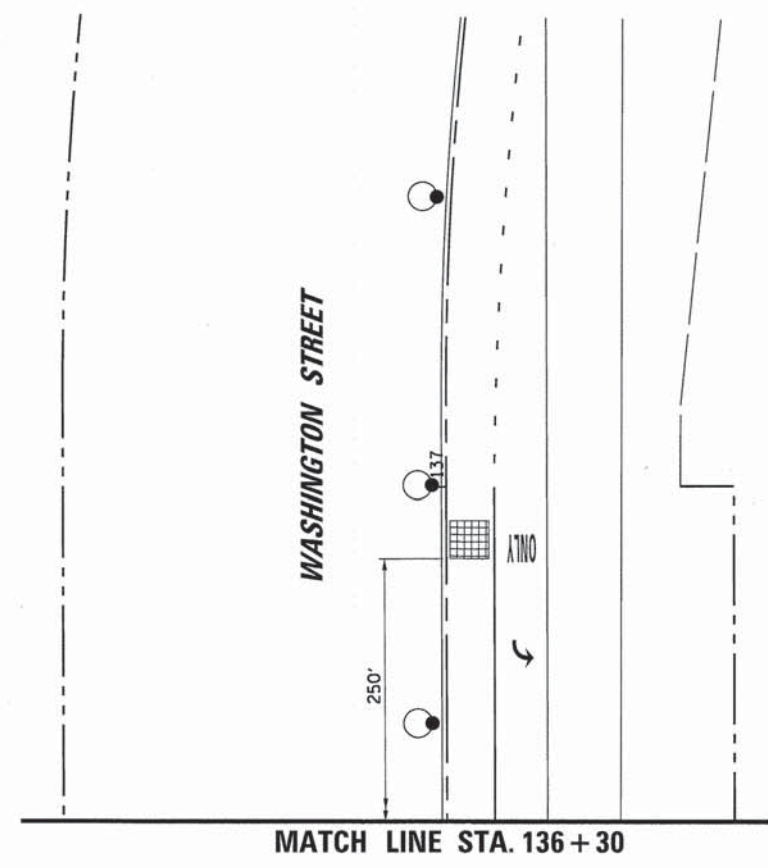
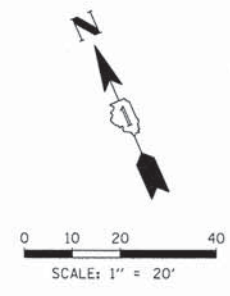
TEMPORARY TRAFFIC SIGNAL STAGING	
MOT STAGE 3 - (SHEET 1 OF 2)	
IL ROUTE 38 (ROOSEVELT ROAD) AND FABYAN PARKWAY	
SCALE: 1"=20'	SHEET NO. 12 OF 36 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	173
CONTRACT NO. 63849				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	ALIGNED	
	RT. OF WAY CHECKED	
	NO. _____	
	NO. _____	
	NO. _____	
	NO. _____	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	
	S.A.M. NOTED	
	STRUCTURE NOTATIONS CHECKED	
	NO. _____	
	NO. _____	
	NO. _____	
	NO. _____	

COMPANY NAME: #PROJECT CONTACTS
 PROJECT CONTACT: #CLIENTS
 CLIENT: 8/18/14 4:31:58 PM
 DATE PLOTTED: MOT3_IL38-Fabyan Pkwy_02.dgn
 FILE NAME: #PLOT DRIVER:
 PLOT DATE: 8/18/2014
 PEN TABLE: #PEN TABLES



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FILE NAME = MOT3_IL38-Fabyan Pkwy_02.dgn	DRAWN - FPB	REVISED -
PLOT SCALE =	CHECKED - GMZ	REVISED -
PLOT DATE = 8/18/2014	DATE - 8/18/2014	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TEMPORARY TRAFFIC SIGNAL STAGING MOT STAGE 3 - (SHEET 2 OF 2) IL ROUTE 38 (ROOSEVELT ROAD) AND FABYAN PARKWAY			
SCALE: 1"=20'	SHEET NO. 13 OF 36 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	174
CONTRACT NO. 63849				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTES FOR TEMPORARY TRAFFIC SIGNALS

- ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
- ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY IDOT DISTRICT 1, INSTALLED IN A NEMA TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.
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- ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED AND SECURELY FASTENED TO THE SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.
- ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
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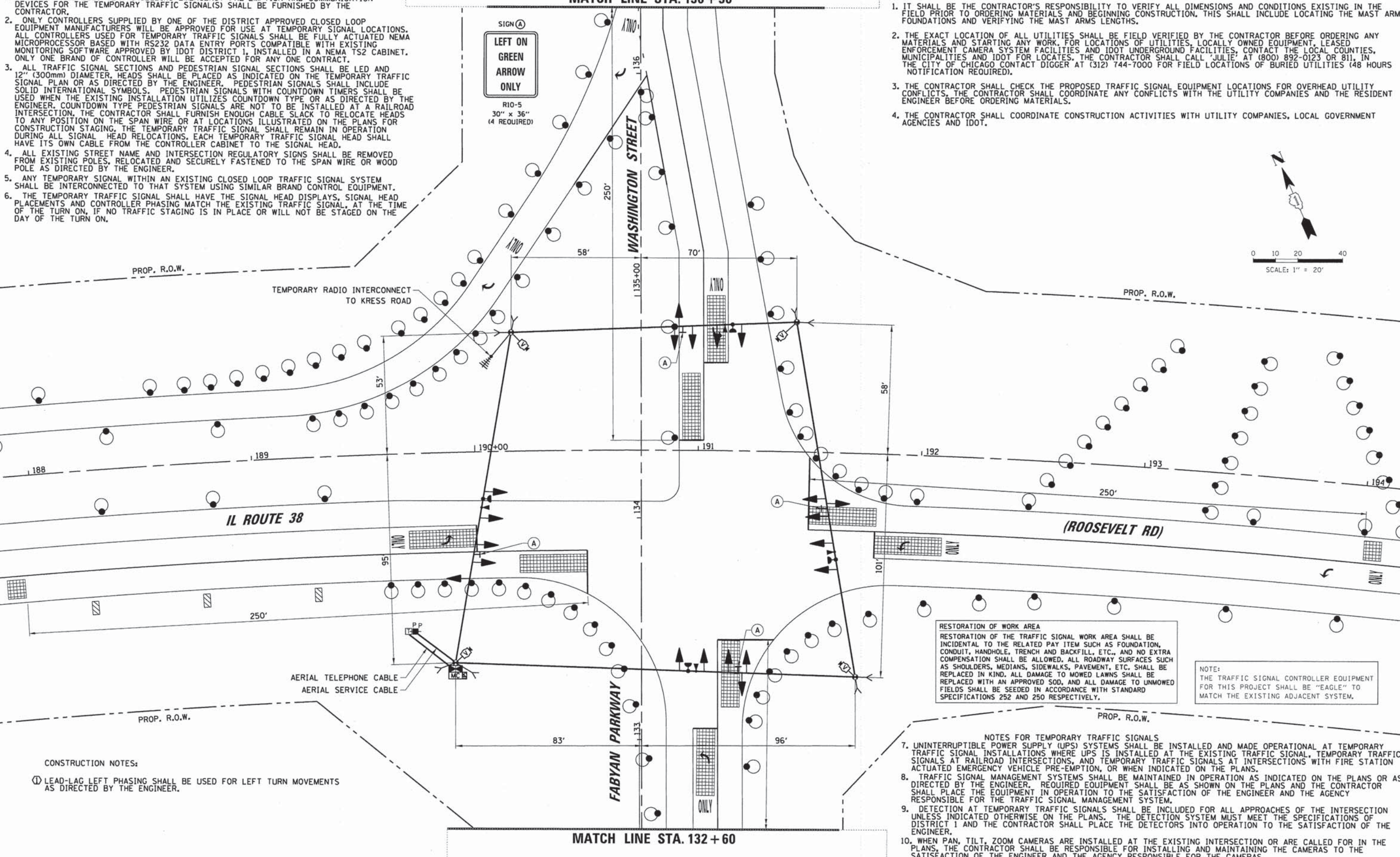
GENERAL NOTES:

- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION. THIS SHALL INCLUDE LOCATING THE MAST ARM FOUNDATIONS AND VERIFYING THE MAST ARM LENGTHS.
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- THE CONTRACTOR SHALL CHECK THE PROPOSED TRAFFIC SIGNAL EQUIPMENT LOCATIONS FOR OVERHEAD UTILITY CONFLICTS. THE CONTRACTOR SHALL COORDINATE ANY CONFLICTS WITH THE UTILITY COMPANIES AND THE RESIDENT ENGINEER BEFORE ORDERING MATERIALS.
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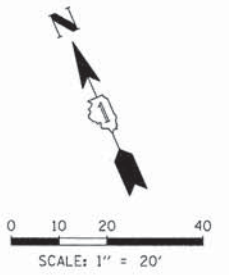
PLAN	DATE
BY	
SURVEYED	
ALIGNED	
CHECKED	
RT. OF WAY	
CHECKED	
NO.	

PROFILE	DATE
BY	
SURVEYED	
GRADES	
CHECKED	
BLM. NOTED	
STRUCTURE	
NOTATIONS	
CHKD	
NO.	

COMPANY NAME	PROJECT CONTACTS
CLIENT	DATE PLOTTED
FILE NAME	FILE NAME
PLOT DRIVER	PEN TABLE



SIGN (A)
LEFT ON GREEN ARROW ONLY
R10-5
30" x 36"
(4 REQUIRED)



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

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

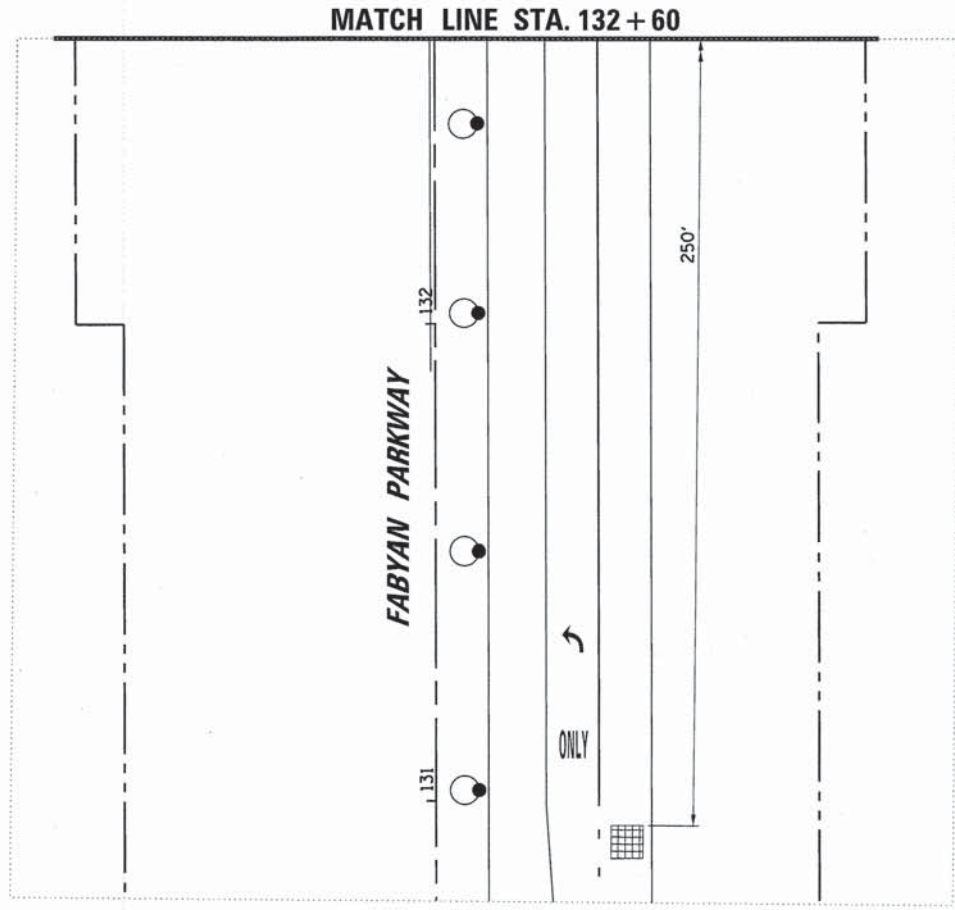
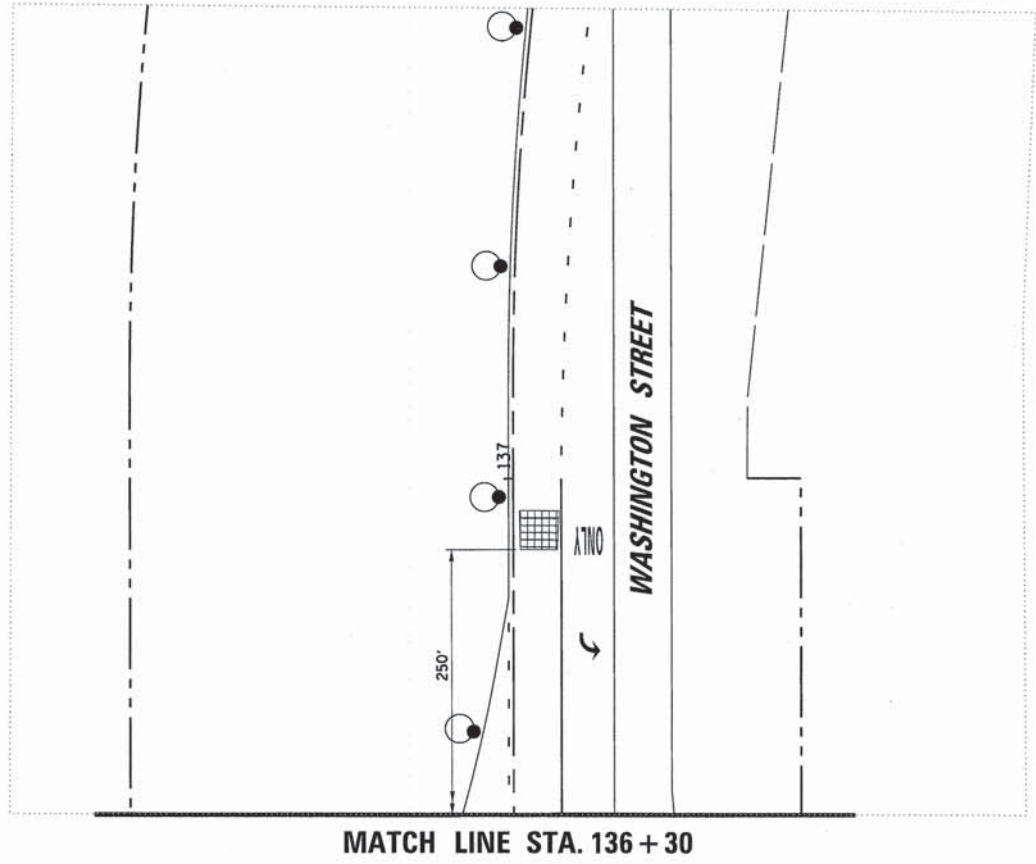
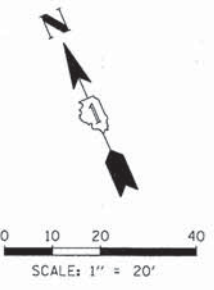
- NOTES FOR TEMPORARY TRAFFIC SIGNALS**
- UNINTERRUPTIBLE POWER SUPPLY (UPS) SYSTEMS SHALL BE INSTALLED AND MADE OPERATIONAL AT TEMPORARY TRAFFIC SIGNAL INSTALLATIONS WHERE UPS IS INSTALLED AT THE EXISTING TRAFFIC SIGNAL, TEMPORARY TRAFFIC SIGNALS AT RAILROAD INTERSECTIONS, AND TEMPORARY TRAFFIC SIGNALS AT INTERSECTIONS WITH FIRE STATION ACTUATED EMERGENCY VEHICLE PRE-EMPTION, OR WHEN INDICATED ON THE PLANS.
 - TRAFFIC SIGNAL MANAGEMENT SYSTEMS SHALL BE MAINTAINED IN OPERATION AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. REQUIRED EQUIPMENT SHALL BE AS SHOWN ON THE PLANS AND THE CONTRACTOR SHALL PLACE THE EQUIPMENT IN OPERATION TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE TRAFFIC SIGNAL MANAGEMENT SYSTEM.
 - DETECTION AT TEMPORARY TRAFFIC SIGNALS SHALL BE INCLUDED FOR ALL APPROACHES OF THE INTERSECTION UNLESS INDICATED OTHERWISE ON THE PLANS. THE DETECTION SYSTEM MUST MEET THE SPECIFICATIONS OF DISTRICT 1 AND THE CONTRACTOR SHALL PLACE THE DETECTORS INTO OPERATION TO THE SATISFACTION OF THE ENGINEER.
 - WHEN PAN, TILT, ZOOM CAMERAS ARE INSTALLED AT THE EXISTING INTERSECTION OR ARE CALLED FOR IN THE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING THE CAMERAS TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE CAMERAS.

CONSTRUCTION NOTES:
① LEAD-LAG LEFT PHASING SHALL BE USED FOR LEFT TURN MOVEMENTS AS DIRECTED BY THE ENGINEER.

PLAN	DESIGNED	BY	DATE
	PLOTTED		
	ALIGNMENT CHECKED		
	GRADES CHECKED		
	NOTE BOOK NO.		
	PROJECT USE		
	NOTATIONS CHKD		
	FILE NAME		

PROFILE	DESIGNED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	NOTE BOOK NO.		
	PROJECT USE		
	NOTATIONS CHKD		
	FILE NAME		

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USER NAME = e.jensen	DESIGNED - EAJ	REVISED -
FILE NAME = MOT3A_IL38-Fabyan Pkwy_02.dgn	DRAWN - FPB	REVISED -
PLOT SCALE =	CHECKED - GMZ	REVISED -
PLOT DATE = 8/18/2014	DATE - 8/18/2014	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL STAGING
 MOT STAGE 3A - (SHEET 2 OF 2)
 IL. ROUTE 38 (ROOSEVELT ROAD) AND FABYAN PARKWAY**

SCALE: 1"=20' SHEET NO. 15 OF 36 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	176
CONTRACT NO. 63849				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

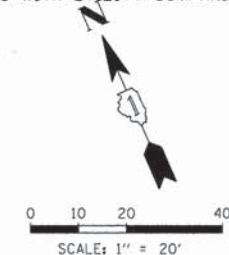
NOTES FOR TEMPORARY TRAFFIC SIGNALS

1. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
2. ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY IDOT DISTRICT 1, INSTALLED IN A NEMA TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.
3. ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE LED AND 12" (300mm) DIAMETER. HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. PEDESTRIAN SIGNALS SHALL INCLUDE SOLID INTERNATIONAL SYMBOLS. PEDESTRIAN SIGNALS WITH COUNTDOWN TIMERS SHALL BE USED WHEN THE EXISTING INSTALLATION UTILIZES COUNTDOWN TYPE OR AS DIRECTED BY THE ENGINEER. COUNTDOWN TYPE PEDESTRIAN SIGNALS ARE NOT TO BE INSTALLED AT A RAILROAD INTERSECTION. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
4. ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED AND SECURELY FASTENED TO THE SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.
5. ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
6. THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL, AT THE TIME OF THE TURN ON, IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.
7. UNINTERRUPTIBLE POWER SUPPLY (UPS) SYSTEMS SHALL BE INSTALLED AND MADE OPERATIONAL AT TEMPORARY TRAFFIC SIGNAL INSTALLATIONS WHERE UPS IS INSTALLED AT THE EXISTING TRAFFIC SIGNAL, TEMPORARY TRAFFIC SIGNALS AT RAILROAD INTERSECTIONS, AND TEMPORARY TRAFFIC SIGNALS AT INTERSECTIONS WITH FIRE STATION ACTUATED EMERGENCY VEHICLE PRE-EMPTION, OR WHEN INDICATED ON THE PLANS.



GENERAL NOTES:

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION. THIS SHALL INCLUDE LOCATING THE MAST ARM FOUNDATIONS AND VERIFYING THE MAST ARMS LENGTHS.
2. THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE ORDERING ANY MATERIALS AND STARTING ANY WORK. FOR LOCATIONS OF UTILITIES, LOCALLY OWNED EQUIPMENT, LEASED ENFORCEMENT CAMERA SYSTEM FACILITIES AND IDOT UNDERGROUND FACILITIES, CONTACT THE LOCAL COUNTIES, MUNICIPALITIES AND IDOT FOR LOCATES. THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 OR 811, IN THE CITY OF CHICAGO CONTACT DIGGER AT (312) 744-7000 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION REQUIRED).
3. THE CONTRACTOR SHALL CHECK THE PROPOSED TRAFFIC SIGNAL EQUIPMENT LOCATIONS FOR OVERHEAD UTILITY CONFLICTS. THE CONTRACTOR SHALL COORDINATE ANY CONFLICTS WITH THE UTILITY COMPANIES AND THE RESIDENT ENGINEER BEFORE ORDERING MATERIALS.
4. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, LOCAL GOVERNMENT AGENCIES AND IDOT.



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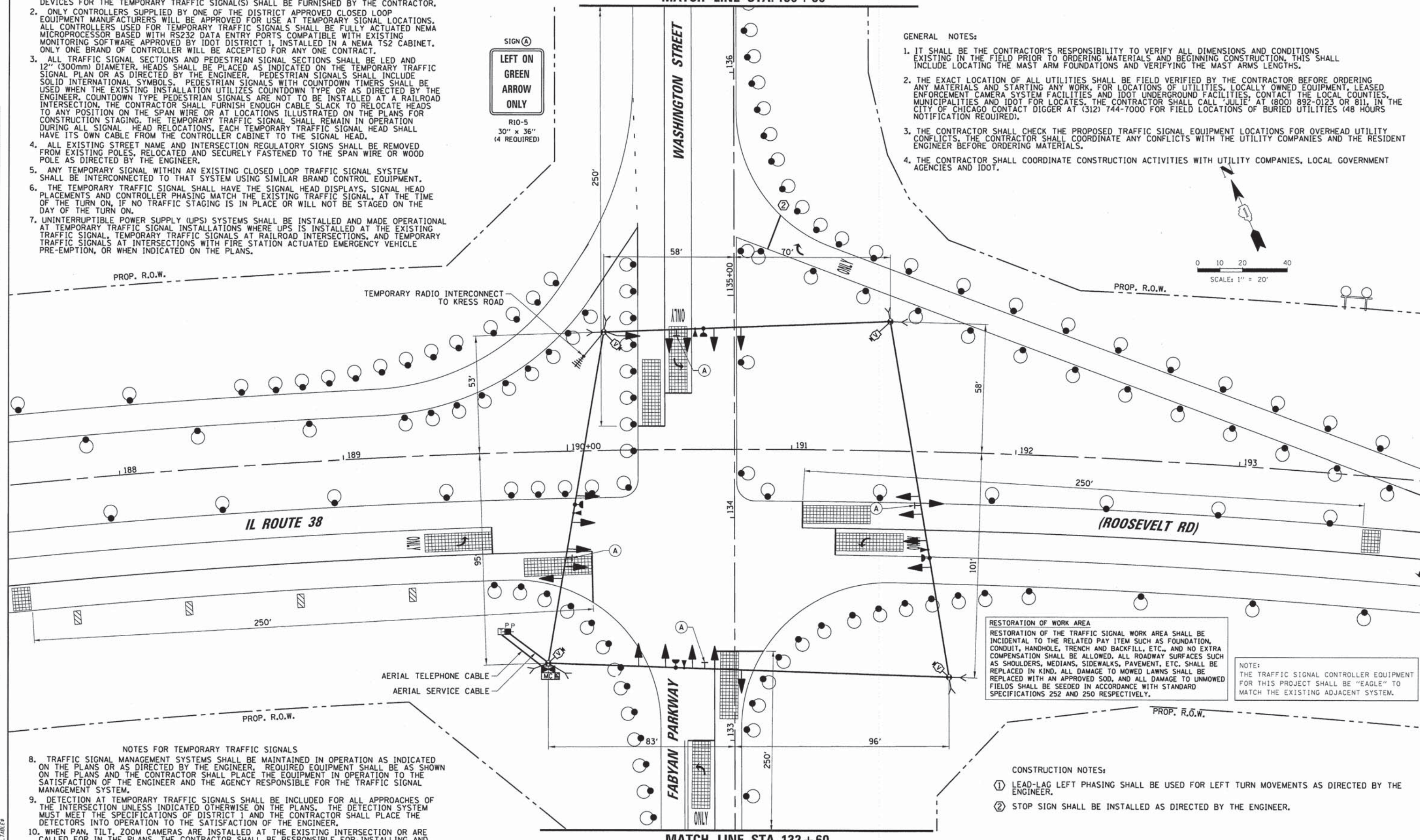
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CLIENT	DATE PLOTTED
DATE PLOTTED	FILE NAME
FILE NAME	FILE NO.
FILE NO.	FILE TABLE
FILE TABLE	

8. TRAFFIC SIGNAL MANAGEMENT SYSTEMS SHALL BE MAINTAINED IN OPERATION AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. REQUIRED EQUIPMENT SHALL BE AS SHOWN ON THE PLANS AND THE CONTRACTOR SHALL PLACE THE EQUIPMENT IN OPERATION TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE TRAFFIC SIGNAL MANAGEMENT SYSTEM.
9. DETECTION AT TEMPORARY TRAFFIC SIGNALS SHALL BE INCLUDED FOR ALL APPROACHES OF THE INTERSECTION UNLESS INDICATED OTHERWISE ON THE PLANS. THE DETECTION SYSTEM MUST MEET THE SPECIFICATIONS OF DISTRICT 1 AND THE CONTRACTOR SHALL PLACE THE DETECTORS INTO OPERATION TO THE SATISFACTION OF THE ENGINEER.
10. WHEN PAN, TILT, ZOOM CAMERAS ARE INSTALLED AT THE EXISTING INTERSECTION OR ARE CALLED FOR IN THE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING THE CAMERAS TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE CAMERAS.

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

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

- CONSTRUCTION NOTES:
- ① LEAD-LAG LEFT PHASING SHALL BE USED FOR LEFT TURN MOVEMENTS AS DIRECTED BY THE ENGINEER.
 - ② STOP SIGN SHALL BE INSTALLED AS DIRECTED BY THE ENGINEER.



STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL STAGING		F.A.P. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MOT STAGE 4 - (SHEET 1 OF 2)		347	11-00210-04-CH	DUPAGE	304	177
IL ROUTE 38 (ROOSEVELT ROAD) AND FABYAN PARKWAY		CONTRACT NO. 63849		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		
SCALE: 1"=20'	SHEET NO. 16 OF 36 SHEETS	STA.	TO STA.			

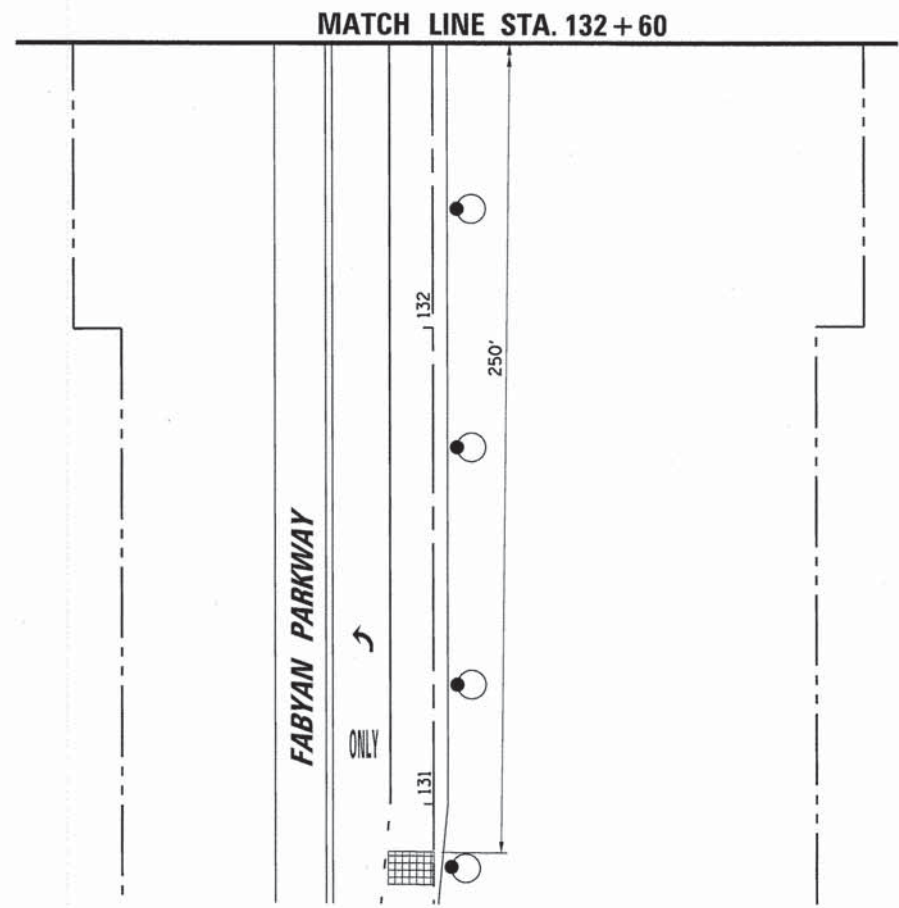
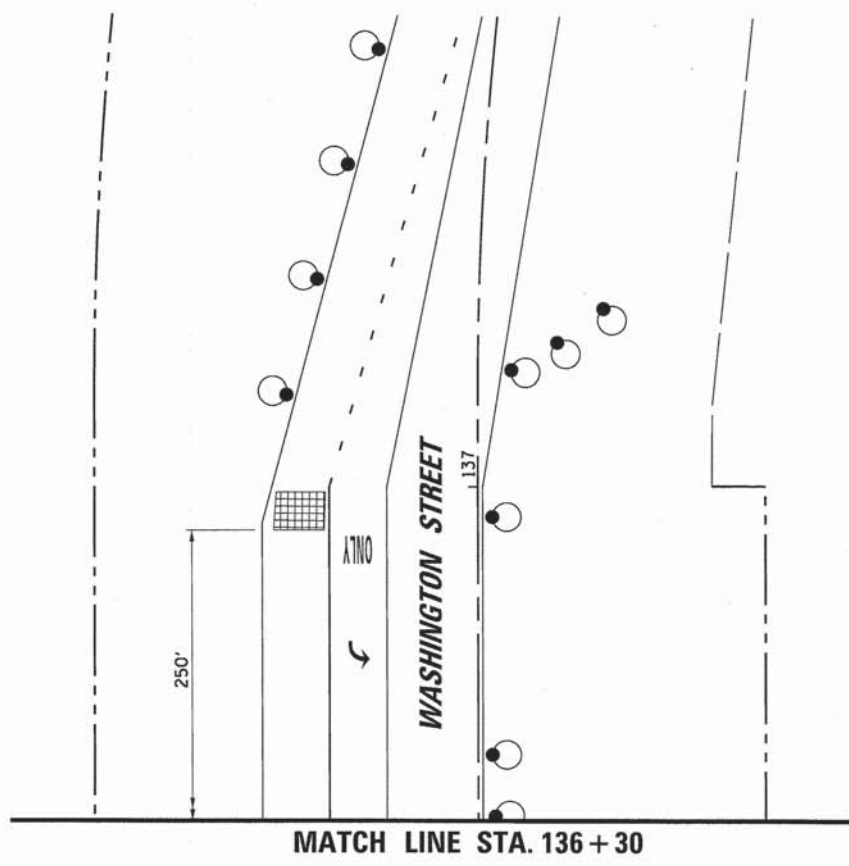
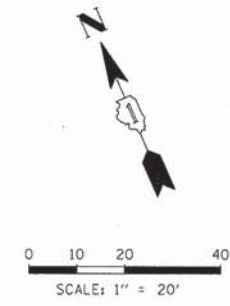
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PLOT SCALE =	CHECKED - GMZ	REVISED -
PLOT DATE = 8/18/2014	DATE - 8/18/2014	REVISED -

CHRISTOPHER B. BURKE ENGINEERING, LTD.
 9715 W. Higgins Road, Suite 800
 Rosemont, Illinois 60018
 (847) 823-0000

PLAN	SURVEYED	BY	DATE
NO.	ALIGNED		
	RT. OF WAY CHECKED		
	ROAD FILE NAME		

PROFILE	SURVEYED	BY	DATE
NO.	GRADES CHECKED		
	STRUCTURE NOTATIONS OK'D		

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PLOT DATE = 8/18/2014	DATE - 8/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL STAGING
MOT STAGE 4 - (SHEET 2 OF 2)
IL. ROUTE 38 (ROOSEVELT ROAD) AND FABYAN PARKWAY

SCALE: 1"=20' SHEET NO.17 OF 36 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	178
CONTRACT NO. 63849				

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

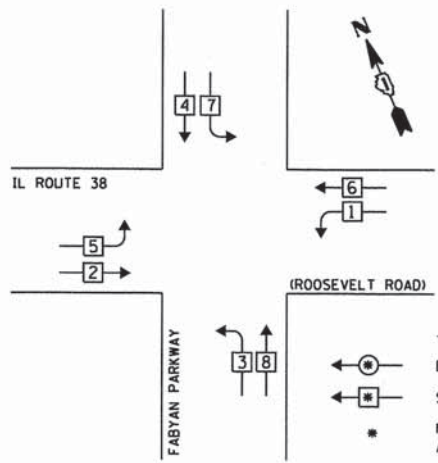


PLAN	REVISIONS	DATE
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PROFILE	REVISIONS	DATE
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NO.	BY	
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 CLIENT: #CLIENT#
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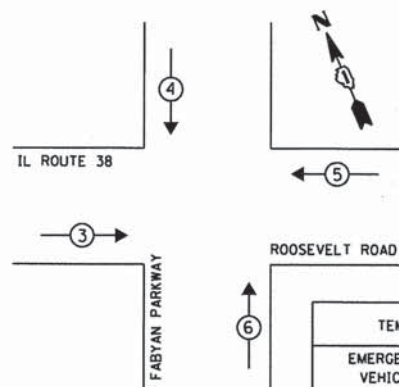
TEMPORARY CONTROLLER SEQUENCE



LEGEND
 DUAL ENTRY PHASE
 SINGLE ENTRY PHASE
 NUMBER REFERS TO ASSOCIATED PHASE

PHASE DESIGNATION DIAGRAM

EMERGENCY VEHICLE PREEMPTION SEQUENCE

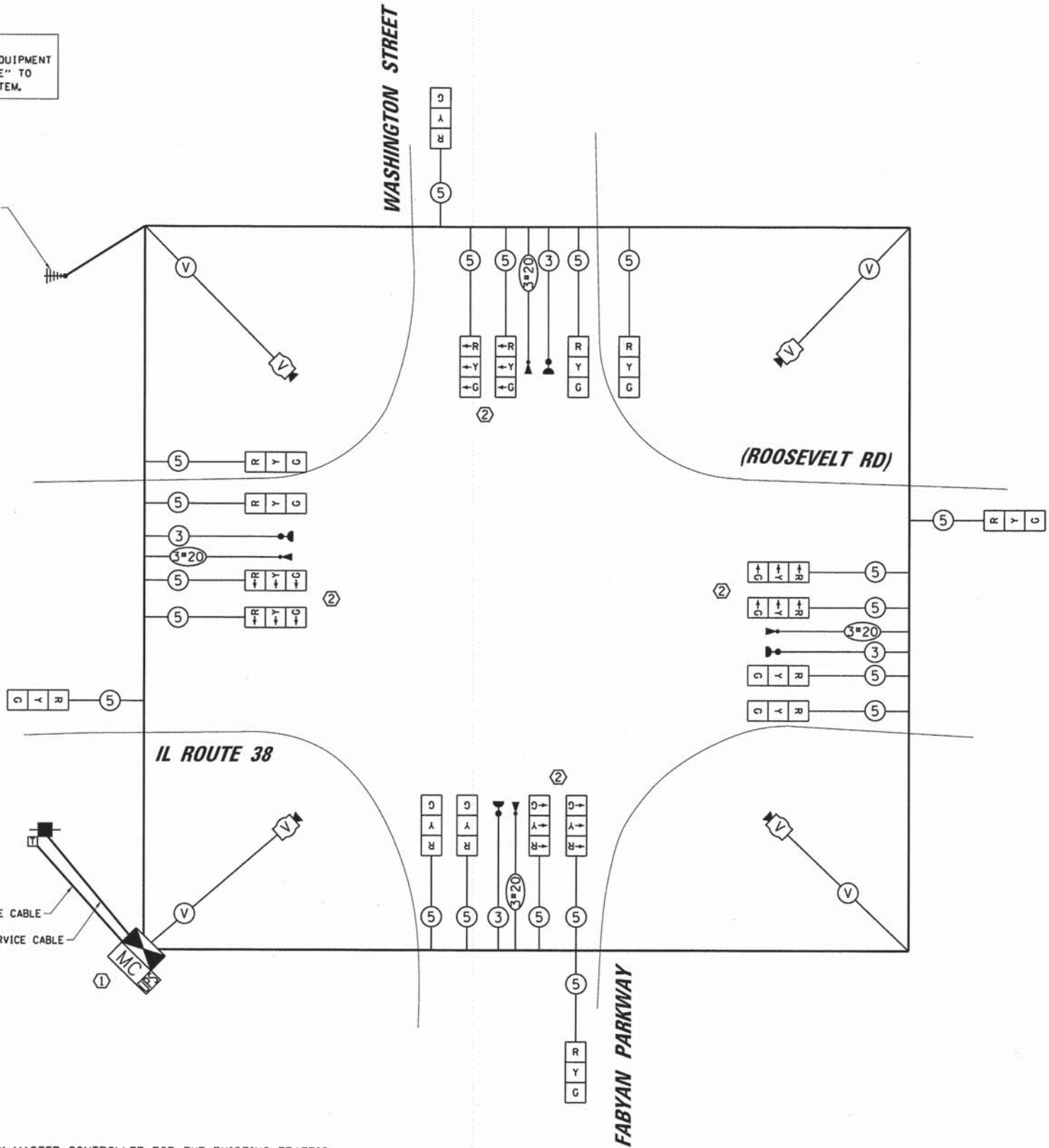


TEMPORARY EXISTING EMERGENCY VEHICLE PREEMPTORS				
EMERGENCY VEHICLE PREEMPTOR	3	4	5	6
MOVEMENT	→	↓	←	↑

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

TEMPORARY RADIO INTERCONNECT TO KRESS ROAD

AERIAL TELEPHONE CABLE
 AERIAL SERVICE CABLE



CONSTRUCTION NOTE:

- ① THE CONTRACTOR SHALL INSTALL A TEMPORARY MASTER CONTROLLER FOR THE EXISTING TRAFFIC SIGNAL INTERCONNECT SYSTEM. ALL COSTS PERTAINING TO FURNISHING, INSTALLING, AND PROGRAMMING THE MASTER CONTROLLER SHALL BE INCLUDED IN THE PAY ITEM: TEMPORARY TRAFFIC SIGNAL INSTALLATION (SPECIAL).
- ② LEAD-LAG LEFT PHASING SHALL BE USED FOR LEFT TURN MOVEMENTS AS DIRECTED BY THE ENGINEER.

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. OF LAMPS	WATTAGE X INCAND. LED	% OPERATION		
SIGNAL (RED)	20	17	0.50		170.00
(YELLOW)	20	25	0.25		125.00
(GREEN)	20	15	0.25		75.00
ARROW		12	0.10		-
PED. SIGNAL		25	1.00		-
CONTROLLER	1	100	1.00		100.00
ILLUM. SIGN	-	25	0.05		-
VIDEO SYSTEM	1	150	1.00		150
BATTERY BACKUP SYSTEM	1	25	1.00		25
FLASHER			0.50		-
ENERGY COSTS TO:				TOTAL =	645.00

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAY/DISTRICT 1
 201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096
 ENERGY SUPPLY: CONTACT: JOE STACHO
 PHONE: (630) 424-5704
 COMPANY: COMED

USER NAME = ejensen	DESIGNED - EAJ	REVISED -
FILE NAME = TCB_MOT_Stgl-4_IL38-Fabyan Ph	DRAWN - FPB	REVISED -
PLOT SCALE =	CHECKED - GMZ	REVISED -
PLOT DATE = 8/18/2014	DATE - 8/18/2014	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE
 MOT STAGES 1, 1A, 2, 2A, 3, 3A, AND 4
 IL ROUTE 38 (ROOSEVELT ROAD) AND FABYAN PARKWAY
 SCALE: 1"=20'
 SHEET NO. 18 OF 36 SHEETS STA. TO STA.

F.A.P. RTE. 347	SECTION 11-00210-04-CH	COUNTY DUPAGE	TOTAL SHEETS 304	SHEET NO. 179
CONTRACT NO. 63849				FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

NOTES FOR TEMPORARY TRAFFIC SIGNALS

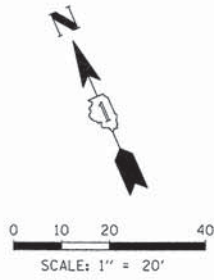
1. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
2. ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY IDOT DISTRICT 1, INSTALLED IN A NEMA TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.
3. ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE LED AND 12" (300mm) DIAMETER. HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. PEDESTRIAN SIGNALS SHALL INCLUDE SOLID INTERNATIONAL SYMBOLS. PEDESTRIAN SIGNALS WITH COUNTDOWN TIMERS SHALL BE USED WHEN THE EXISTING INSTALLATION UTILIZES COUNTDOWN TYPE OR AS DIRECTED BY THE ENGINEER. COUNTDOWN TYPE PEDESTRIAN SIGNALS ARE NOT TO BE INSTALLED AT A RAILROAD INTERSECTION. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
4. ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED AND SECURELY FASTENED TO THE SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.
5. ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
6. THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL, AT THE TIME OF THE TURN ON, IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.
7. UNINTERRUPTIBLE POWER SUPPLY (UPS) SYSTEMS SHALL BE INSTALLED AND MADE OPERATIONAL AT TEMPORARY TRAFFIC SIGNAL INSTALLATIONS WHERE UPS IS INSTALLED AT THE EXISTING TRAFFIC SIGNAL, TEMPORARY TRAFFIC SIGNALS AT RAILROAD INTERSECTIONS, AND TEMPORARY TRAFFIC SIGNALS AT INTERSECTIONS WITH FIRE STATION ACTUATED EMERGENCY VEHICLE PRE-EMPTION, OR WHEN INDICATED ON THE PLANS.

SIGN (A)
LEFT ON GREEN
ARROW
ONLY

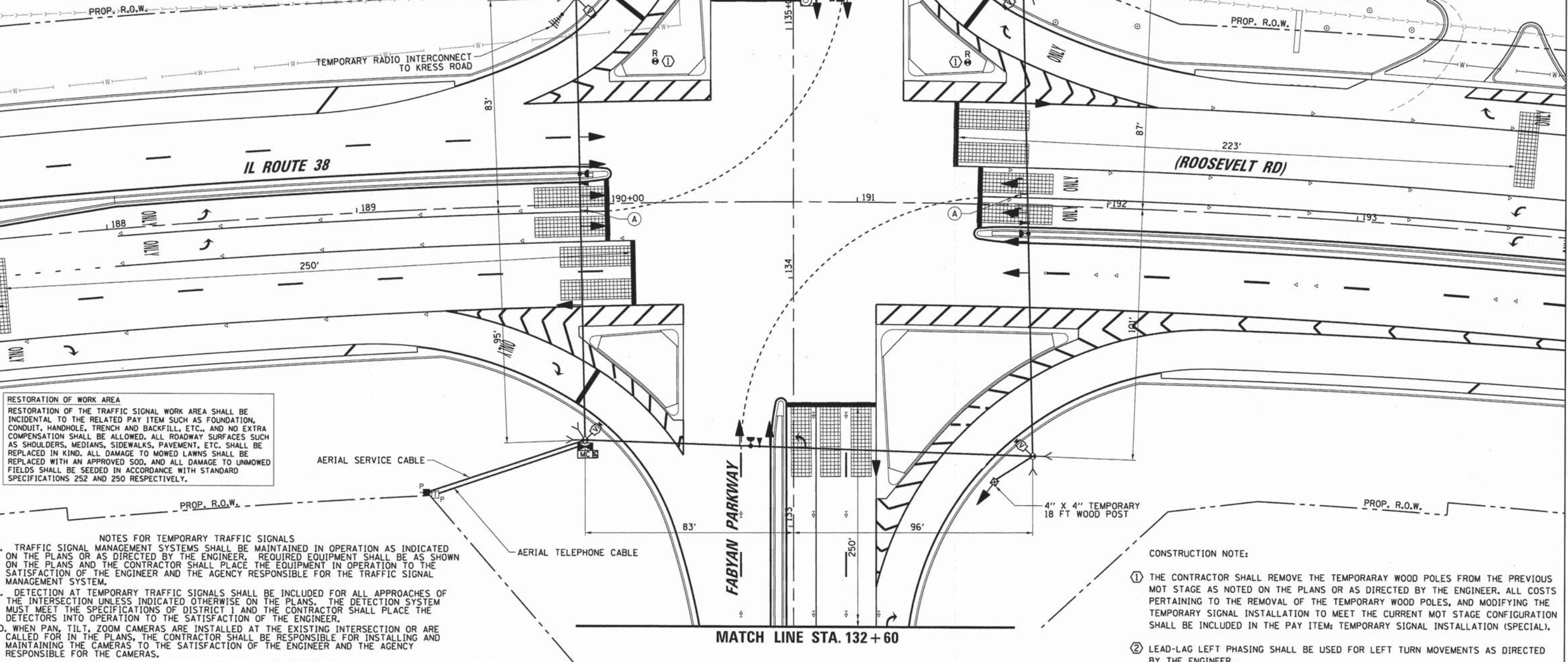
R10-5
 30" x 36"
 (2 REQUIRED)

GENERAL NOTES:

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION. THIS SHALL INCLUDE LOCATING THE MAST ARM FOUNDATIONS AND VERIFYING THE MAST ARMS LENGTHS.
2. THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE ORDERING ANY MATERIALS AND STARTING ANY WORK. FOR LOCATIONS OF UTILITIES, LOCALLY OWNED EQUIPMENT, LEASED ENFORCEMENT CAMERA SYSTEM FACILITIES AND IDOT UNDERGROUND FACILITIES, CONTACT THE LOCAL COUNTIES, MUNICIPALITIES AND IDOT FOR LOCATES. THE CONTRACTOR SHALL CALL 'JULIE' AT (800) 892-0123 OR 811, IN THE CITY OF CHICAGO CONTACT DIGGER AT (312) 744-7000 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION REQUIRED).
3. THE CONTRACTOR SHALL CHECK THE PROPOSED TRAFFIC SIGNAL EQUIPMENT LOCATIONS FOR OVERHEAD UTILITY CONFLICTS. THE CONTRACTOR SHALL COORDINATE ANY CONFLICTS WITH THE UTILITY COMPANIES AND THE RESIDENT ENGINEER BEFORE ORDERING MATERIALS.
4. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, LOCAL GOVERNMENT AGENCIES AND IDOT.



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



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

- NOTES FOR TEMPORARY TRAFFIC SIGNALS**
8. TRAFFIC SIGNAL MANAGEMENT SYSTEMS SHALL BE MAINTAINED IN OPERATION AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. REQUIRED EQUIPMENT SHALL BE AS SHOWN ON THE PLANS AND THE CONTRACTOR SHALL PLACE THE EQUIPMENT IN OPERATION TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE TRAFFIC SIGNAL MANAGEMENT SYSTEM.
 9. DETECTION AT TEMPORARY TRAFFIC SIGNALS SHALL BE INCLUDED FOR ALL APPROACHES OF THE INTERSECTION UNLESS INDICATED OTHERWISE ON THE PLANS. THE DETECTION SYSTEM MUST MEET THE SPECIFICATIONS OF DISTRICT 1 AND THE CONTRACTOR SHALL PLACE THE DETECTORS INTO OPERATION TO THE SATISFACTION OF THE ENGINEER.
 10. WHEN PAN, TILT, ZOOM CAMERAS ARE INSTALLED AT THE EXISTING INTERSECTION OR ARE CALLED FOR IN THE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING THE CAMERAS TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE CAMERAS.

- CONSTRUCTION NOTE:**
1. THE CONTRACTOR SHALL REMOVE THE TEMPORARY WOOD POLES FROM THE PREVIOUS MOT STAGE AS NOTED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. ALL COSTS PERTAINING TO THE REMOVAL OF THE TEMPORARY WOOD POLES, AND MODIFYING THE TEMPORARY SIGNAL INSTALLATION TO MEET THE CURRENT MOT STAGE CONFIGURATION SHALL BE INCLUDED IN THE PAY ITEM: TEMPORARY SIGNAL INSTALLATION (SPECIAL).
 2. LEAD-LAG LEFT PHASING SHALL BE USED FOR LEFT TURN MOVEMENTS AS DIRECTED BY THE ENGINEER.

PLAN

DATE	
BY	
DESIGNED	
CHECKED	
IN CHARGE	
APP'D	

PROFILE

DATE	
BY	
DESIGNED	
CHECKED	
IN CHARGE	
APP'D	

COMPANY NAME: CHRISTOPHER B. BURKE ENGINEERING, LTD.
 PROJECT CONTACT: TMP_Final_IL38-Fabyan Pkwy_01.dgn
 CLIENT: 42326 PM
 DATE PLOTTED: 8/18/2014
 FILE NAME: Tmp_Final_IL38-Fabyan Pkwy_01.dgn
 PLOT DRIVER: PLOT.DRV
 PEN TABLE: PEN.TAB

CHRISTOPHER B. BURKE ENGINEERING, LTD.
 3075 W. Higgins Road, Suite 800
 Naperville, Illinois 60563
 (631) 923-0000

USER NAME = e-jensen	DESIGNED - EAJ	REVISED -
FILE NAME = TMP_Final_IL38-Fabyan Pkwy_01.dgn	DRAWN - FPB	REVISED -
PLOT SCALE =	CHECKED - GMZ	REVISED -
PLOT DATE = 8/18/2014	DATE - 8/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL
FINAL STAGE (SHEET 1 OF 2)
 IL ROUTE 38 (ROOSEVELT ROAD) AND FABYAN PARKWAY
 SCALE: 1"=20' SHEET NO. 19 OF 36 SHEETS STA. TO STA.

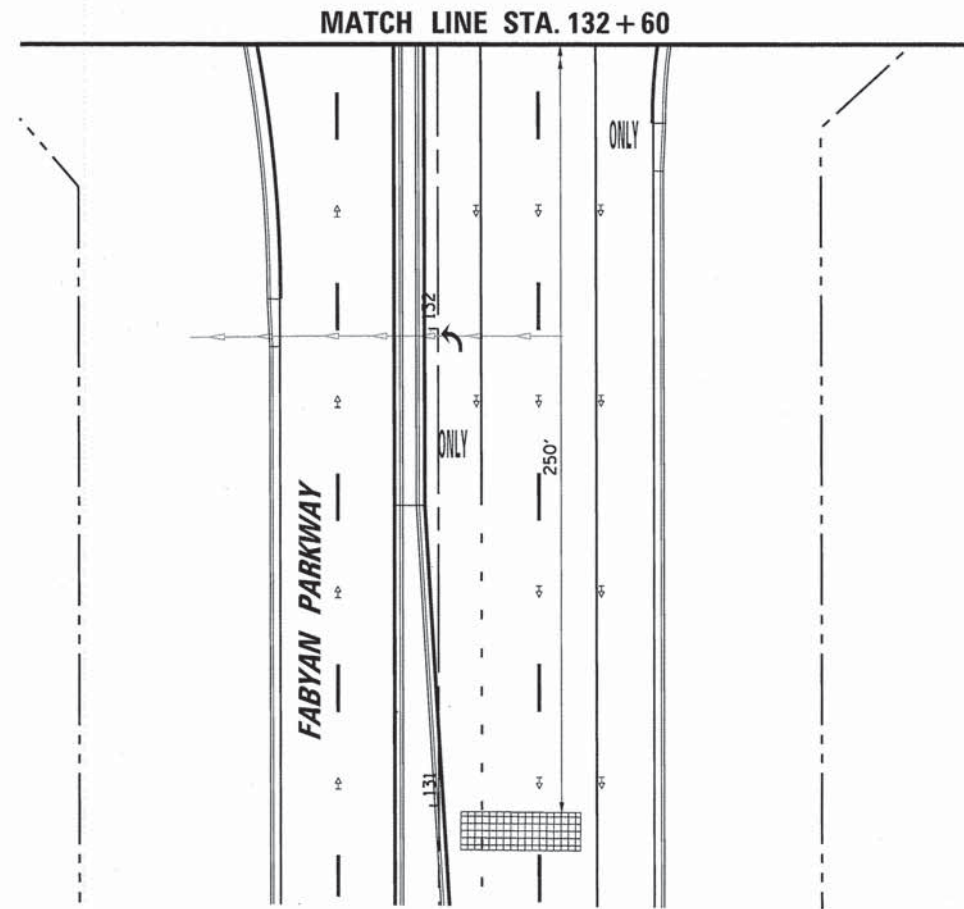
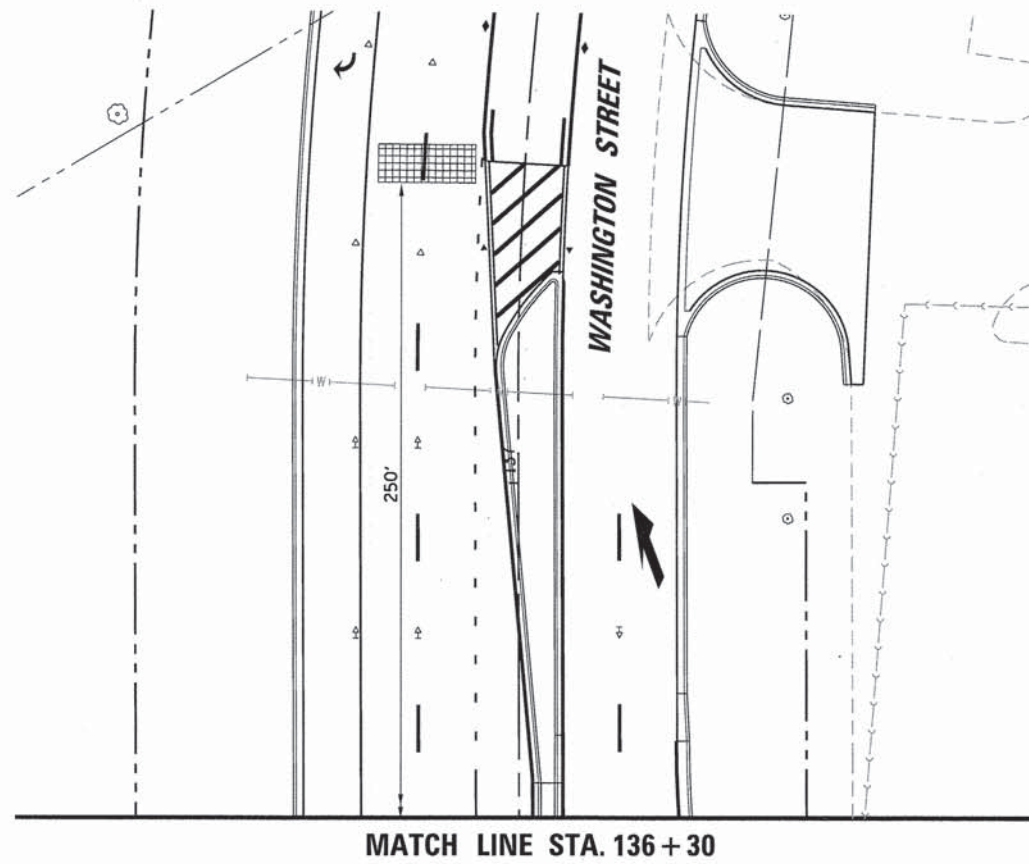
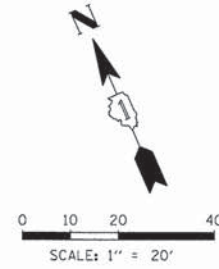
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	180

CONTRACT NO. 63849
 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

PLAN	DESIGNED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	FILE NAME		

PROFILE	DESIGNED	BY	DATE
	PLOTTED		
	GRADES		
	NOTED		
	FIGURE		

COMPANY NAME: #PROJECT CONTACT#
 PROJECT CONTACT: #CLIENT#
 DATE PLOTTED: 8/18/14 4:32:29 PM
 FILE NAME: TMP_Final_IL38-Fabyon Pkwy_02.dgn
 PLOT DRIVER: #PLOT DRIVER#
 PEN TABLE: #PEN TABLE#



USER NAME = e.jensen	DESIGNED - EAJ	REVISED -
FILE NAME = TMP_Final_IL38-Fabyon Pkwy_02.dgn	DRAWN - FPB	REVISED -
PLOT SCALE =	CHECKED - GMZ	REVISED -
PLOT DATE = 8/18/2014	DATE - 8/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL INSTALLATION
FINAL STAGE (SHEET 2 OF 2)
IL ROUTE 38 (ROOSEVELT RD) AND FABYON PARKWAY

SCALE: 1"=20' SHEET NO.20 OF 36 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	181
CONTRACT NO. 63849				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	

DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	

COMPANY NAME: #COMPANY_NAME#
 PROJECT CONTACT: #PROJECT_CONTACT#
 CLIENT: #CLIENT#
 DATE PLOTTED: 8/18/14 4:32:33 PM
 FILE NAME: TCB_Final_Stage_IL38-Fabian Pkwy.dgn
 PLOT DRIVERS: #PLOT_DRIVERS#
 PEN TABLE: #PEN_TABLE#

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. OF LAMPS	X INCAND.	LED	X % OPERATION	
SIGNAL (RED)	17		17	0.50	144.50
(YELLOW)	17		25	0.25	106.25
(GREEN)	17		15	0.25	63.75
ARROW	8		12	0.10	9.60
PED. SIGNAL			25	1.00	-
CONTROLLER	1		100	1.00	100.00
ILLUM. SIGN	-		25	0.05	-
VIDEO SYSTEM	1		150	1.00	150.00
BATTERY BACKUP SYSTEM	1		25	1.00	25.00
FLASHER				0.50	
ENERGY COSTS TO:					TOTAL = 599.10

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAY/DISTRICT 1
 201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096
 ENERGY SUPPLY: CONTACT: JOE STACHO
 PHONE: (630) 424-5704
 COMPANY: COMED

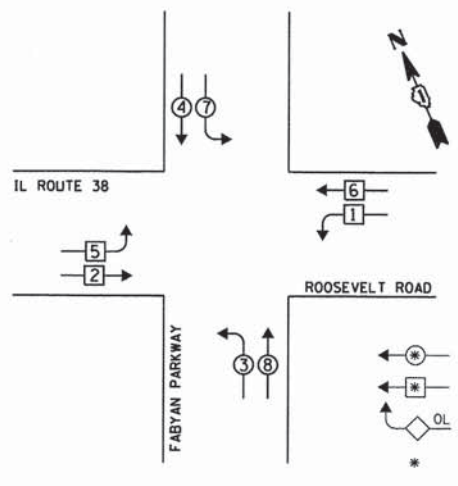
USER NAME = ejansen	DESIGNED - EAJ	REVISED -
FILE NAME = TCB_Final_Stage_IL38-Fabian Pkwy.dgn	DRAWN - FPB	REVISED -
PLOT SCALE =	CHECKED - GMZ	REVISED -
PLOT DATE = 8/18/2014	DATE - 8/18/2014	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE - FINAL STAGE
 IL ROUTE 38 (ROOSEVELT ROAD) AND FABYAN PARKWAY
 SCALE: 1"=20' SHEET NO. 21 OF 36 SHEETS STA. TO STA.

F.A.P. RTE. 347	SECTION 11-00210-04-CH	COUNTY DUPAGE	TOTAL SHEETS 304	SHEET NO. 182
CONTRACT NO. 63849				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

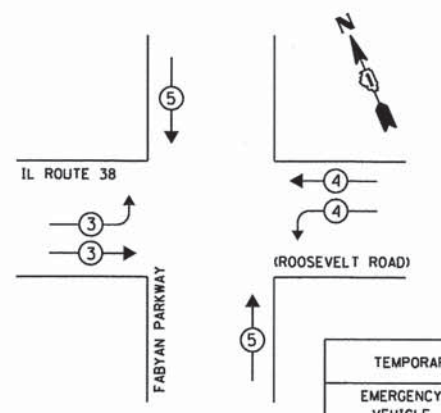
TEMPORARY CONTROLLER SEQUENCE



LEGEND
 DUAL ENTRY PHASE
 SINGLE ENTRY PHASE
 OVERLAP
 NUMBER REFERS TO ASSOCIATED PHASE

PHASE DESIGNATION DIAGRAM

EMERGENCY VEHICLE PREEMPTION SEQUENCE



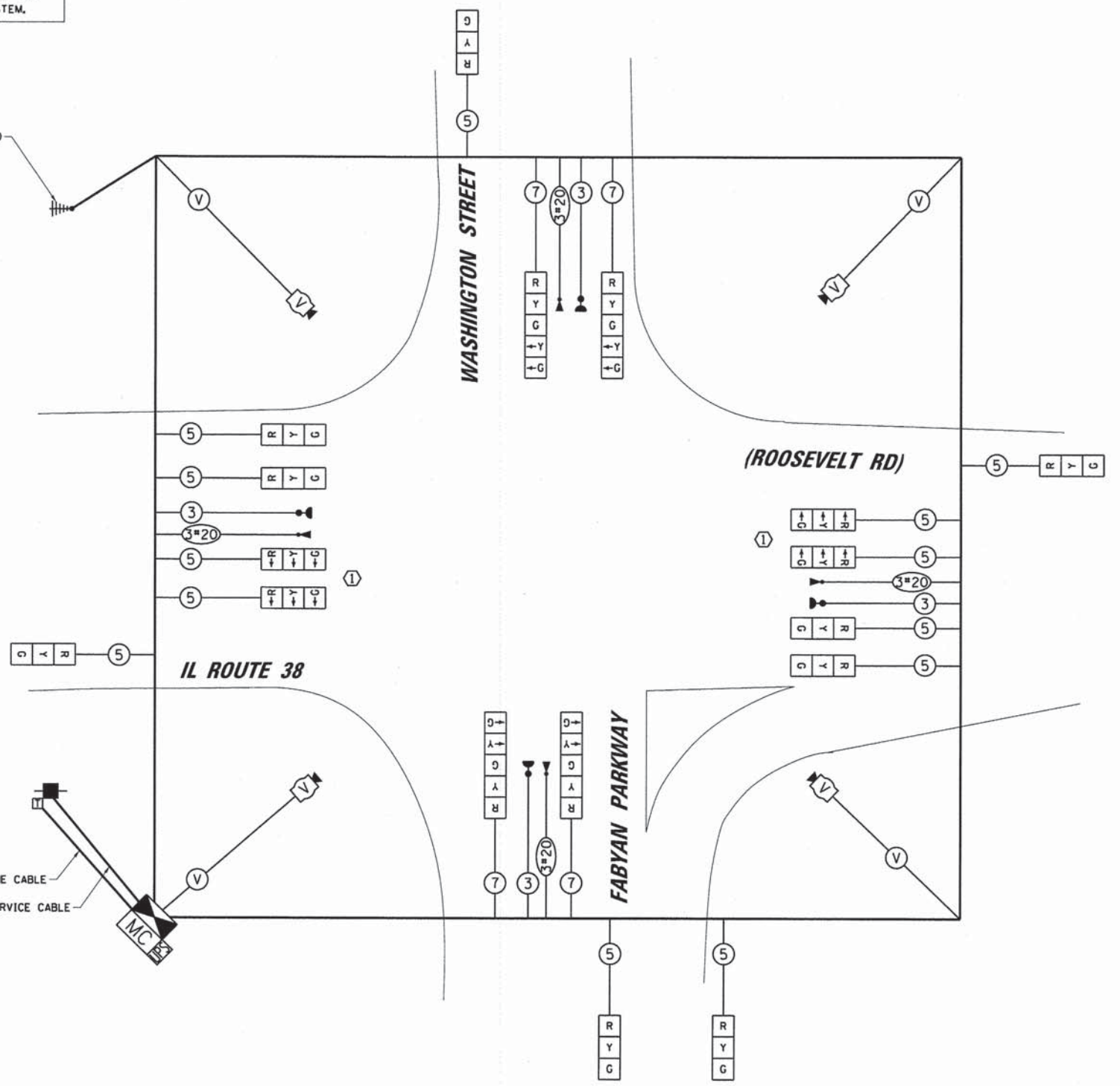
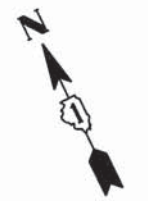
TEMPORARY EMERGENCY VEHICLE PREEMPTORS			
EMERGENCY VEHICLE PREEMPTOR	3	4	5
MOVEMENT	→	←	↑

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

TEMPORARY RADIO INTERCONNECT TO KRESS ROAD

AERIAL TELEPHONE CABLE
 AERIAL SERVICE CABLE

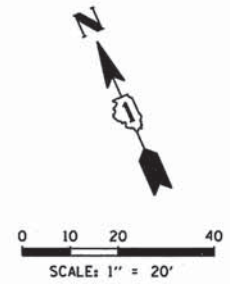
CONSTRUCTION NOTE:
 ① LEAD-LAG LEFT PHASING SHALL BE USED FOR LEFT TURN MOVEMENTS AS DIRECTED BY THE ENGINEER.



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

SIGN (A)
LEFT ON GREEN
ARROW ONLY

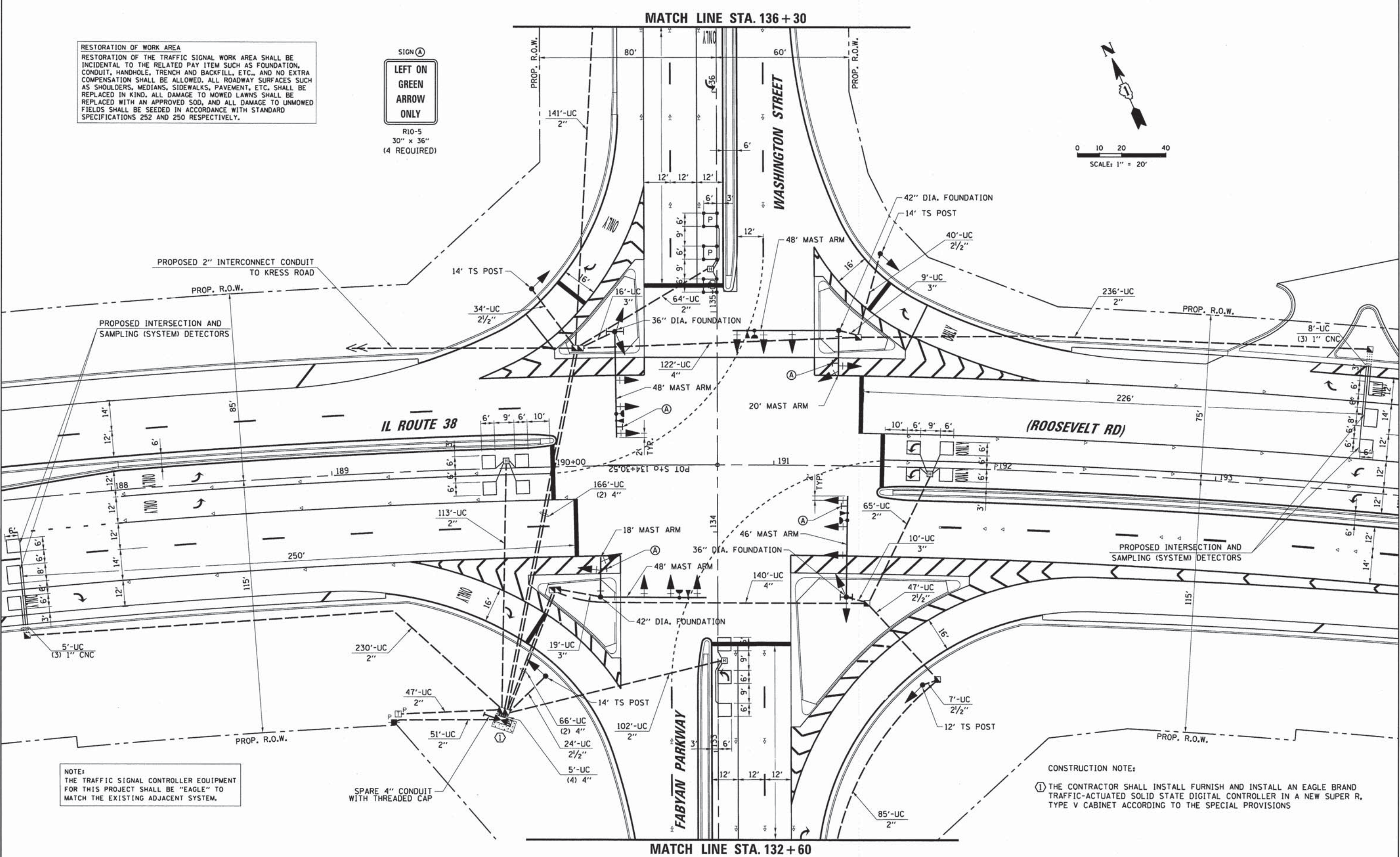
R10-5
 30" x 36"
 (4 REQUIRED)



PLAN	SUBMITTED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	

PROFILE	SUBMITTED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	

COMPANY NAME: CHRISTOPHER B. BURKE ENGINEERING, LTD.
 PROJECT CONTACT: EAJ
 CLIENT: STATE OF ILLINOIS
 DATE PLOTTED: 8/18/2014
 FILE NAME: TSD_IL38-Fabyan Pkwy_01.dgn
 PLOT NUMBER: 304
 PEN TABLE: 183



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

CONSTRUCTION NOTE:
 ① THE CONTRACTOR SHALL INSTALL FURNISH AND INSTALL AN EAGLE BRAND TRAFFIC-ACTUATED SOLID STATE DIGITAL CONTROLLER IN A NEW SUPER R, TYPE V CABINET ACCORDING TO THE SPECIAL PROVISIONS

USER NAME = eajanson	DESIGNED - EAJ	REVISED -
FILE NAME = TSD_IL38-Fabyan Pkwy_01.dgn	DRAWN - FPB	REVISED -
PLOT SCALE =	CHECKED - GMZ	REVISED -
PLOT DATE = 8/18/2014	DATE - 8/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

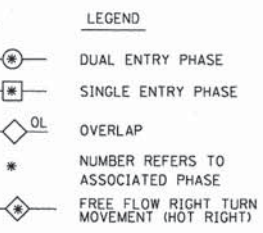
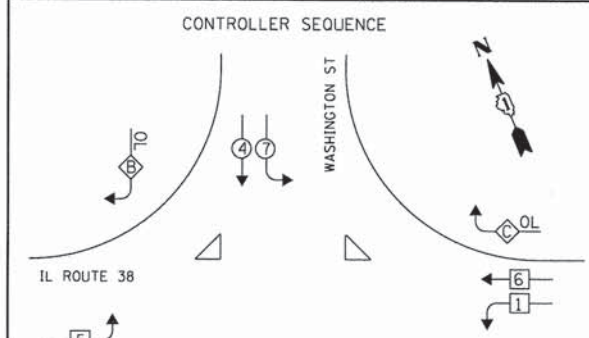
TRAFFIC SIGNAL INSTALLATION PLAN
 (SHEET 1 OF 2)
IL ROUTE 38 (ROOSEVELT RD) AND FABYAN PARKWAY
 SCALE: 1"=20' SHEET NO. 22 OF 36 SHEETS STA. TO STA.

F.A.P. RTE. 347	SECTION 11-00210-04-CH	COUNTY DUPAGE	TOTAL SHEETS 304	SHEET NO. 183
CONTRACT NO. 63849				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
REVISION	
NO.	
DATE	
BY	
REVISION	
NO.	
DATE	
BY	
REVISION	
NO.	

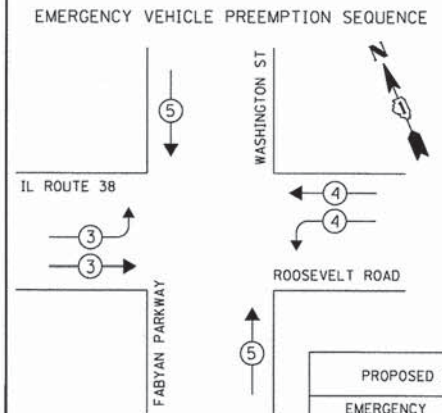
DATE	
BY	
REVISION	
NO.	
DATE	
BY	
REVISION	
NO.	
DATE	
BY	
REVISION	
NO.	

COMPANY NAME: CHRISTOPHER B. BURKE ENGINEERING, LTD.
 PROJECT CONTACT: JOE STACHO
 CLIENT: ILLINOIS DEPARTMENT OF TRANSPORTATION
 DATE PLOTTED: 8/18/14 5:01:53 PM
 FILE NAME: CAB_IL38-Fabjan Pkwy.dgn
 PLOT DRIVER: PLOT.DRV
 PEN TABLE: PEN.TBL



RIGHT TURN OVERLAP PHASE DESIGNATION

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
A	= 2	+ 3
B	= 4	+ 5
C	= 6	+ 7



PROPOSED EMERGENCY VEHICLE PREEMPTORS

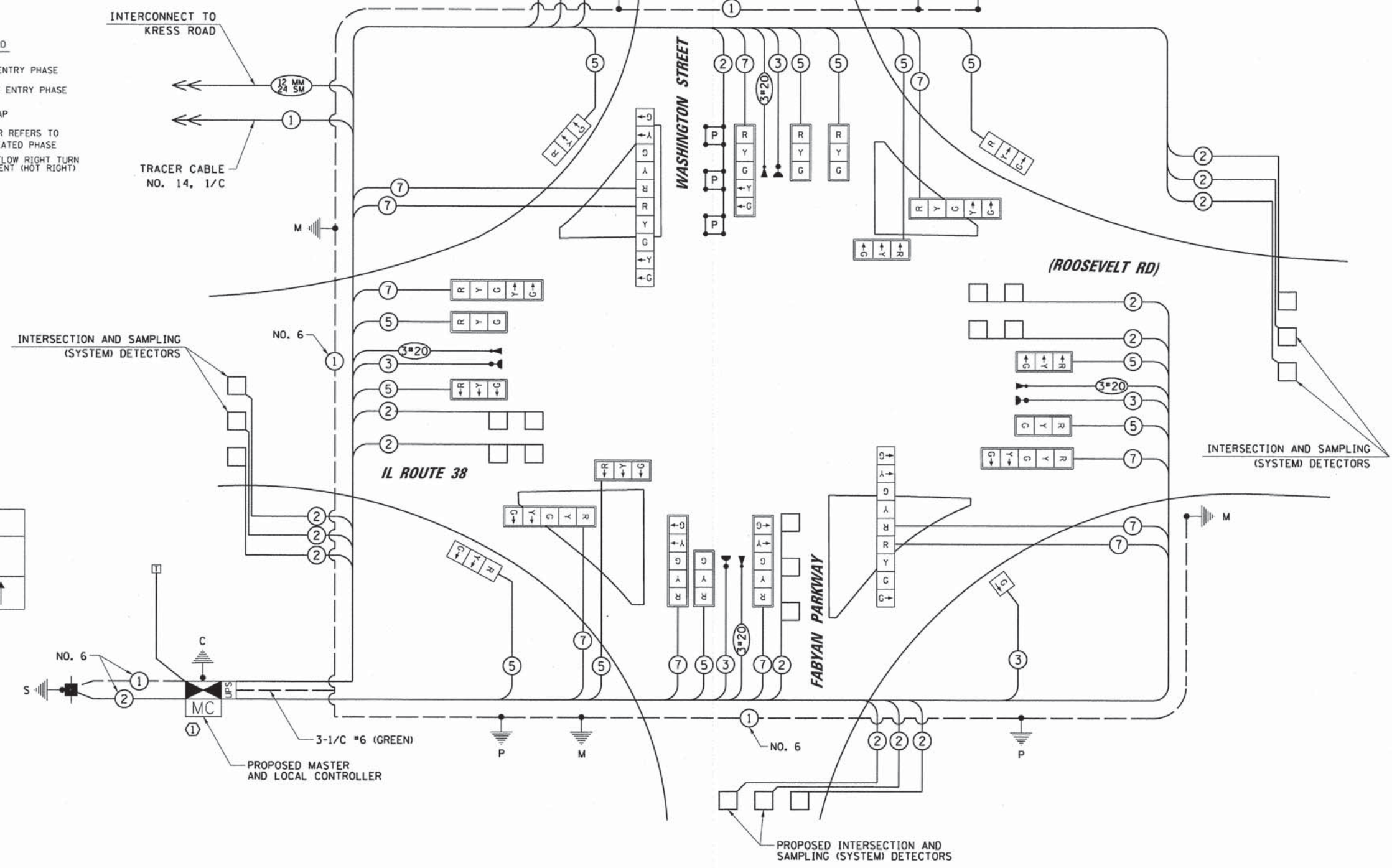
EMERGENCY VEHICLE PREEMPTOR	3	4	5
MOVEMENT	→	←	↑

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	X INCAND.	LED	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	23		17	0.50	195.50
(YELLOW)	23		25	0.25	143.75
(GREEN)	23		15	0.25	86.25
ARROW	20		12	0.10	24.00
PED. SIGNAL			25	1.00	-
CONTROLLER	1		100	1.00	100.00
ILLUM. SIGN	-		25	0.05	-
VIDEO SYSTEM			150	1.00	-
BATTERY BACKUP SYSTEM	1		25	1.00	25.00
GREEN ARROW	2		15	1.00	30.00
ENERGY COSTS TO:					TOTAL = 604.50

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAY/DISTRICT 1
 201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096
 ENERGY SUPPLY: CONTACT: JOE STACHO
 PHONE: (630) 424-5704
 COMPANY: COMED

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



CABLE PLAN

CONSTRUCTION NOTE:
 ① THE CONTRACTOR SHALL INSTALL FURNISH AND INSTALL AN EAGLE BRAND TRAFFIC-ACTUATED SOLID STATE DIGITAL CONTROLLER IN A NEW SUPER R, TYPE V CABINET ACCORDING TO THE SPECIAL PROVISIONS

USER NAME = e.jensen	DESIGNED - EAJ	REVISED -
FILE NAME = CAB_IL38-Fabjan Pkwy.dgn	DRAWN - FPB	REVISED -
PLOT SCALE =	CHECKED - GMZ	REVISED -
PLOT DATE = 8/18/2014	DATE - 8/18/2014	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
 IL ROUTE 38 (ROOSEVELT ROAD) AND FABYAN PARKWAY
 SCALE: 1"=20' SHEET NO. 24 OF 36 SHEETS STA. TO STA.

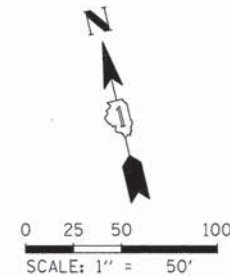
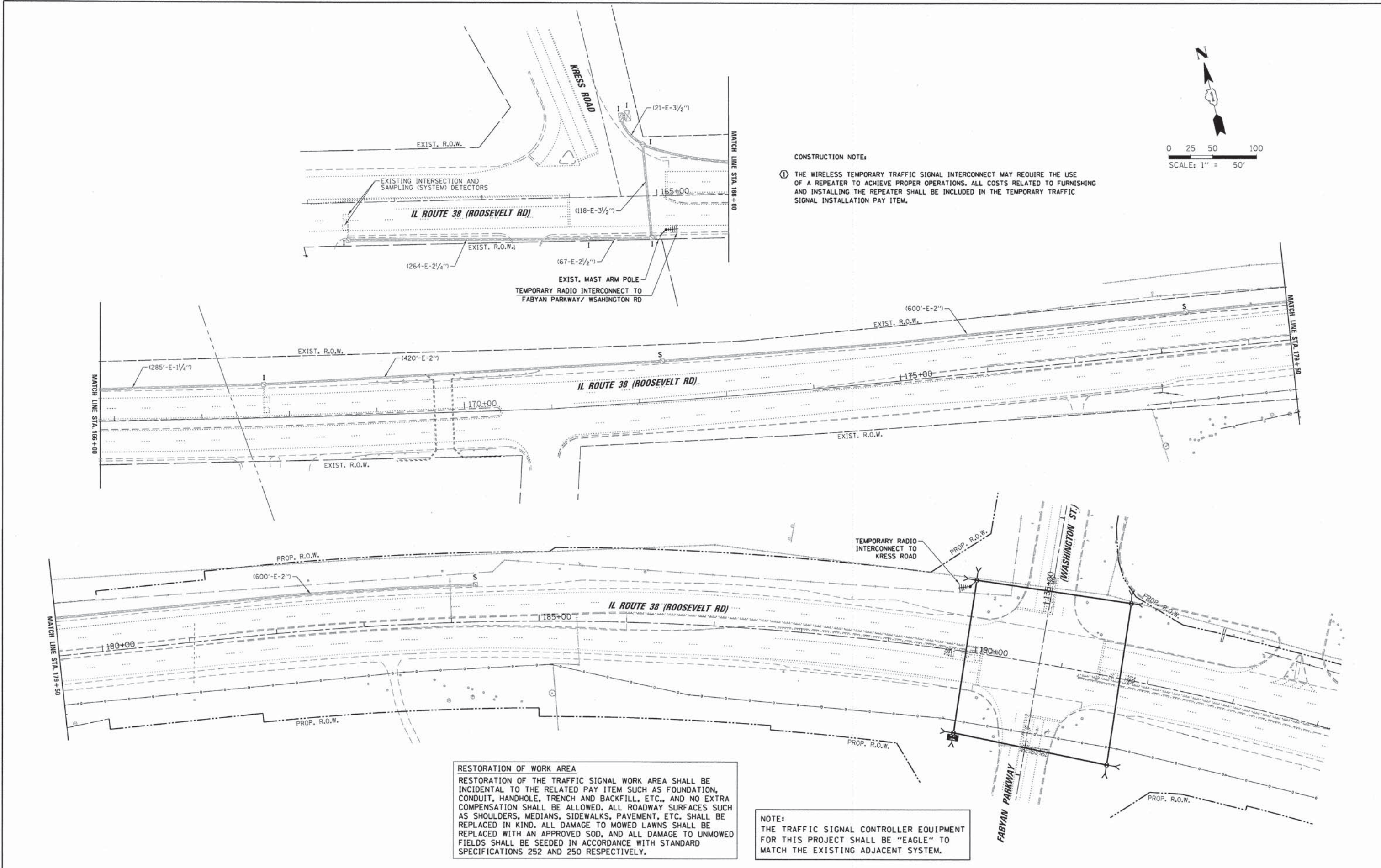
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	185
CONTRACT NO. 63849				

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

PLAN	SUBMITTED	DATE
NOTE BOOK	ALIGNED	BY
NO.	CHECKED	
	FILE NAME	

PROFILE	SUBMITTED	DATE
NO.	CHECKED	BY
	FILE NAME	
	STRUCTURE NOTATIONS CHD	

COMPANY NAME: CHRISTOPHER B. BURKE ENGINEERING LTD.
 PROJECT CONTACT: #PROJECT_CONTACT#
 CLIENT: #CLIENT#
 DATE PLOTTED: 8/18/14 4:32:59 PM
 FILE NAME: TMP_INT_IL38-Fabyan Pkwy.dgn
 PLOT NUMBER: #PLOT_NUMBER#
 PEN TABLE: #PEN_TABLE#



CONSTRUCTION NOTE:
 ① THE WIRELESS TEMPORARY TRAFFIC SIGNAL INTERCONNECT MAY REQUIRE THE USE OF A REPEATER TO ACHIEVE PROPER OPERATIONS. ALL COSTS RELATED TO FURNISHING AND INSTALLING THE REPEATER SHALL BE INCLUDED IN THE TEMPORARY TRAFFIC SIGNAL INSTALLATION PAY ITEM.

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

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

USER NAME = ejensen	DESIGNED - EAJ	REVISED -
FILE NAME = TMP_INT_IL38-Fabyan Pkwy.dgn	DRAWN - FPB	REVISED -
PLOT SCALE =	CHECKED - GMZ	REVISED -
PLOT DATE = 8/18/2014	DATE - 8/18/2014	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TEMPORARY INTERCONNECT
 IL ROUTE 38 (ROOSEVELT ROAD) KRESS ROAD TO FABYAN PARKWAY**

SCALE: 1"=20' SHEET NO. 25 OF 36 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	186
CONTRACT NO. 63849				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PLAN	SUBMITTED	BY	DATE
	PLOTTED		
	ALIGNMENT CHECKED		
	GRADE CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	FILE NAME		
	NO.		

PROFILE	SUBMITTED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	FILE NAME		
	NO.		

COMPANY NAME: #COMPANY_NAME#
 PROJECT CONTACT: #PROJECT_CONTACT#
 CLIENT: #CLIENT#
 DATE PLOTTED: 8/18/14 4:33:03 PM
 FILE NAME: SCH_TMP_IL38-Fabyan.dgn
 PLOT DATE: 8/18/2014
 PEN TABLE: #PEN_TABLE#

CHRISTOPHER B. BURKE ENGINEERING, LTD.
 8075 W. Higgins Road, Suite 800
 Rosemont, Illinois 60018
 (617) 823-0900

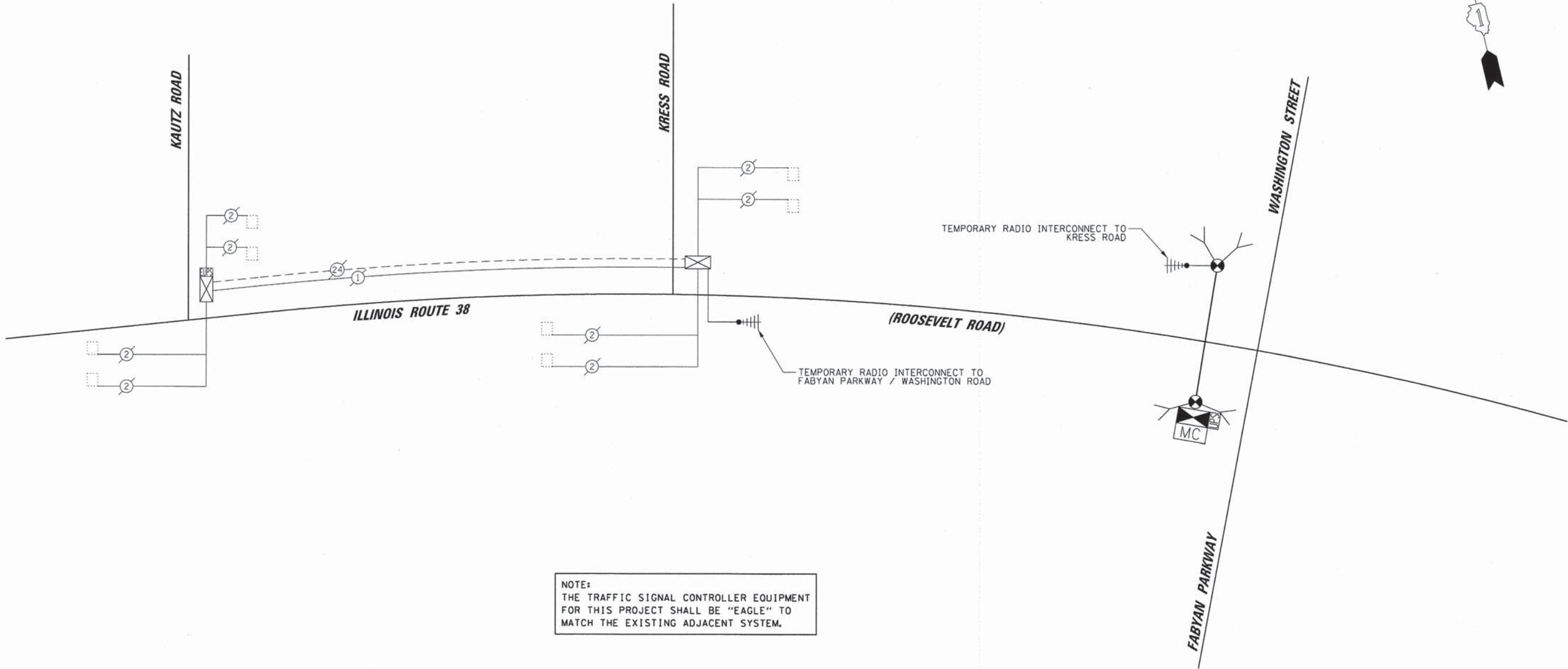
USER NAME = e.jensen	DESIGNED - EAJ	REVISED -
FILE NAME = SCH_TMP_IL38-Fabyan.dgn	DRAWN - FPB	REVISED -
PLOT SCALE = NOT TO SCALE	CHECKED - GMZ	REVISED -
PLOT DATE = 8/18/2014	DATE - 8/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERCONNECT SCHEMATIC PLAN AND SCHEDULE OF QUANTITIES
ILLINOIS ROUTE 38
FROM KAUTZ ROAD TO FABYAN PARKWAY (WASHINGTON STREET)

SCALE: 1"=20' SHEET NO. 26 OF 36 SHEETS STA. TO STA.

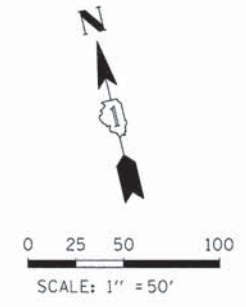
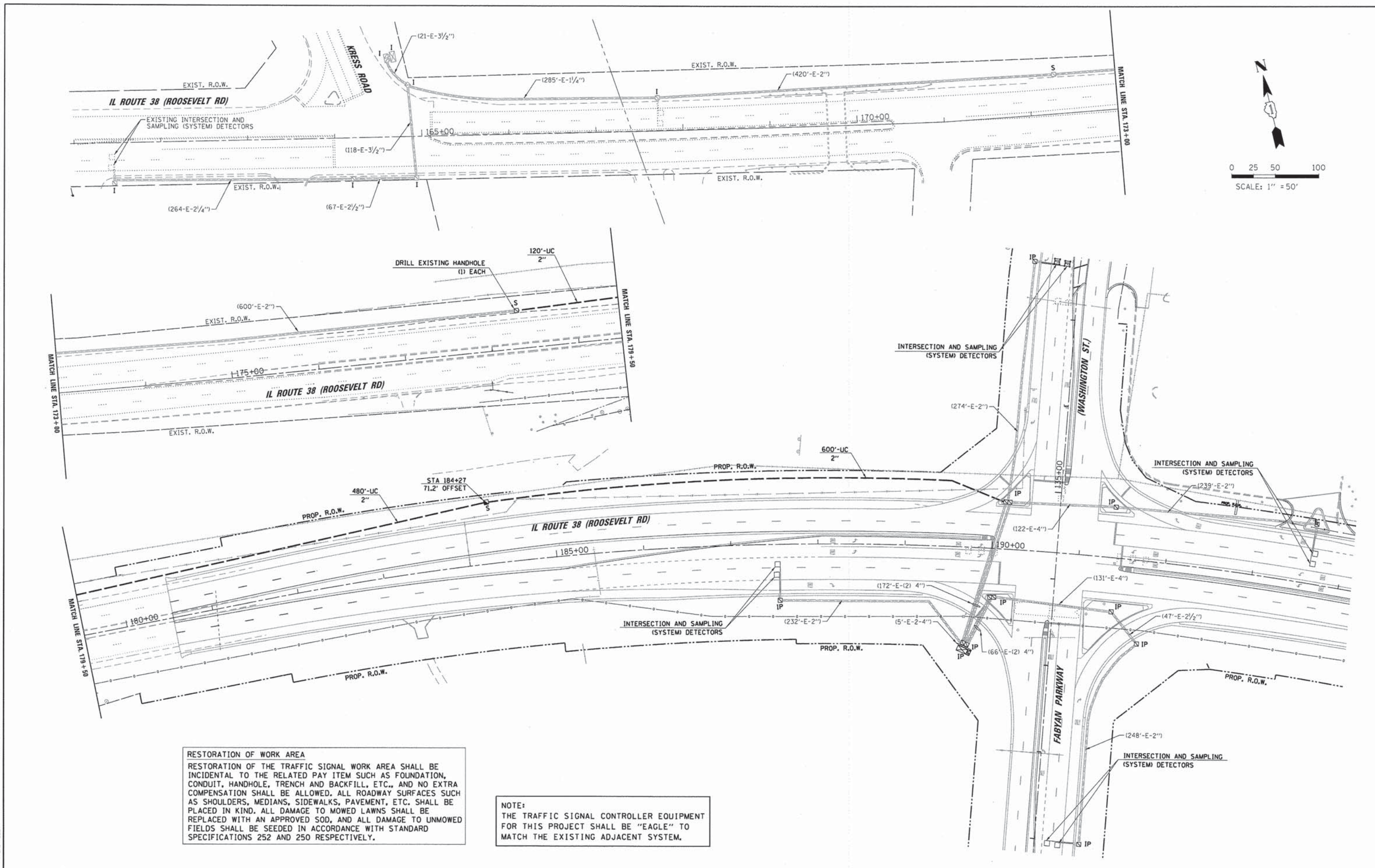
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	187
CONTRACT NO. 63849				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	
DATE	
BY	
PLAN	
NO.	
NOTE BOOK	
NO.	
FILE NAME	

DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	
DATE	
BY	
PROFILE	
NO.	
NOTE BOOK	
NO.	
FILE NAME	

COMPANY NAME: CHRISTOPHER B. BURKE ENGINEERING, LTD.
 PROJECT CONTACT: #PROJECT CONTACTS
 CLIENT: #CLIENTS
 DATE PLOTTED: 8/18/14 4:33:09 PM
 FILE NAME: INT_IL38-Fabyan Pkwy.dgn
 PLOT DRIVER: #PLOT DRIVERS
 PEN TABLE: #PEN TABLES



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

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

USER NAME	= e.jansen	DESIGNED	- EAJ	REVISED	-
FILE NAME	= INT_IL38-Fabyan Pkwy.dgn	DRAWN	- FPB	REVISED	-
PLOT SCALE	=	CHECKED	- GMZ	REVISED	-
PLOT DATE	= 8/18/2014	DATE	- 8/18/2014	REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

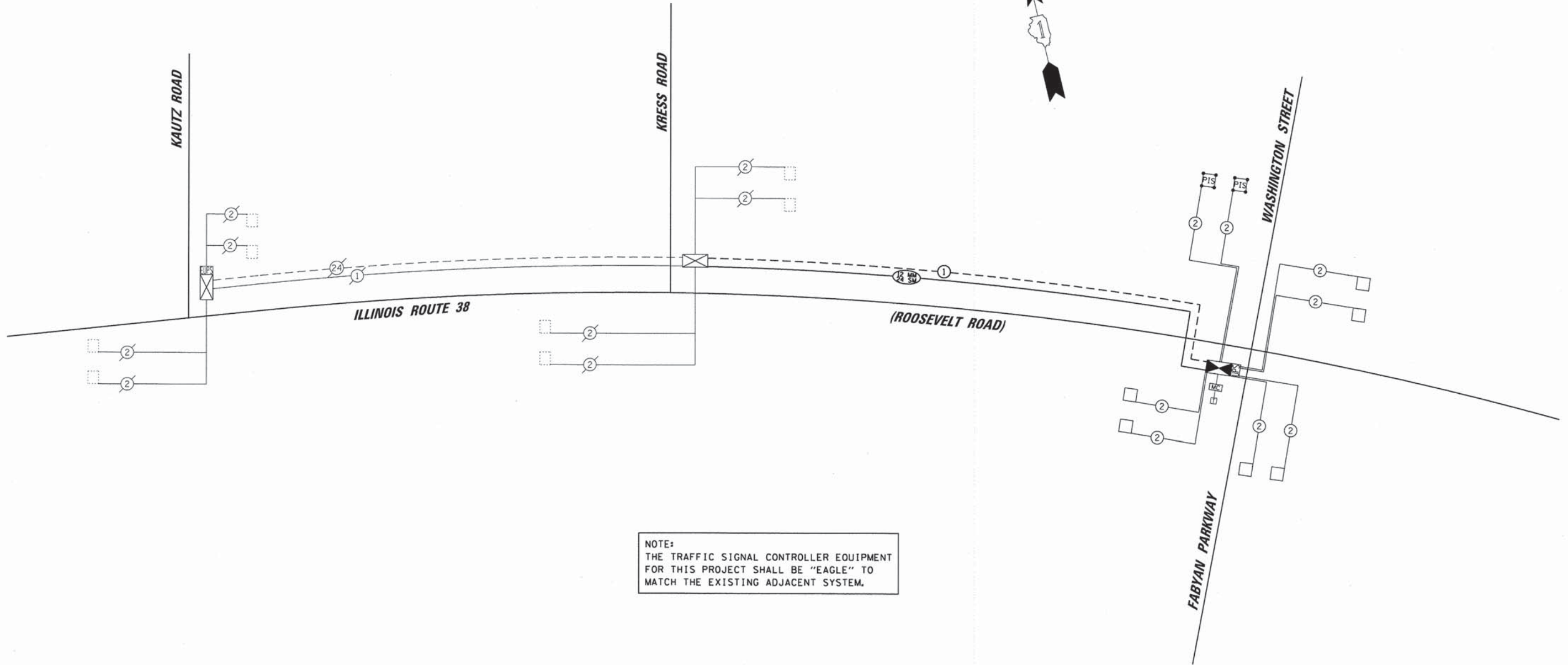
**INTERCONNECT PLAN
 IL. ROUTE 38 (ROOSEVELT ROAD) KRESS ROAD TO FABYAN PARKWAY**
 SCALE: 1"=20' SHEET NO. 27 OF 36 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	188
				CONTRACT NO. 63849
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PLAN	DESIGNED	BY	DATE
	PLOTTED		
	ALIGNED CHECKED		
	NOTED		
	FILE NAME		

PROFILE	DESIGNED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	NOTED		
	FILE NAME		

COMPANY NAME: #COMPANY_NAMES
 PROJECT CONTACT: #PROJECT_CONTACTS
 CLIENT: #CLIENTS
 DATE PLOTTED: 8/18/14 4:33:13 PM
 FILE NAME: SCH_INT_IL38-Fabyan Pkwy.dgn
 PLOT DRIVER: #PLOT_DRIVERS
 PEN TABLE: #PEN_TABLES



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

SCHEDULE OF QUANTITIES		
ITEM	UNIT	QUANTITY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	1200
HANDHOLE	EACH	1
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	2793
DRILL EXISTING HANDHOLE	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	5612
MASTER CONTROLLER (SPECIAL)	EACH	1
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	2819
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	1

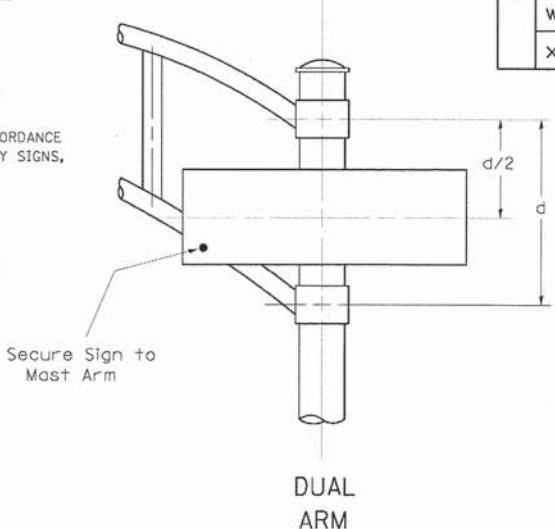
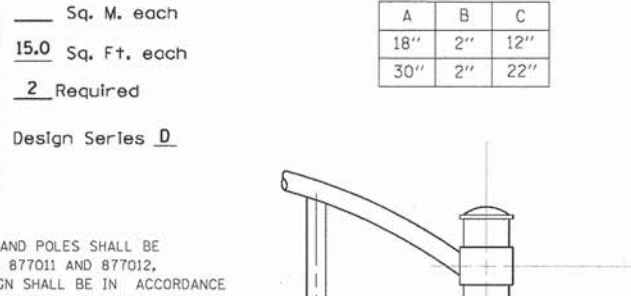
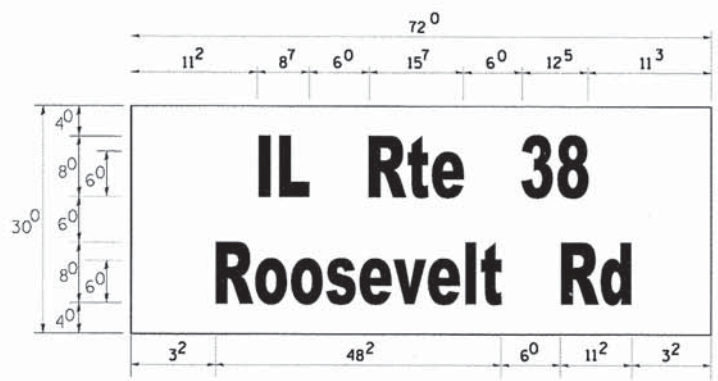
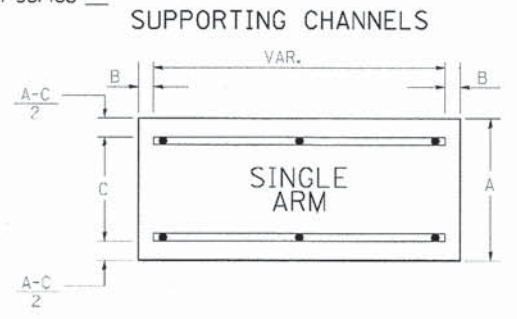
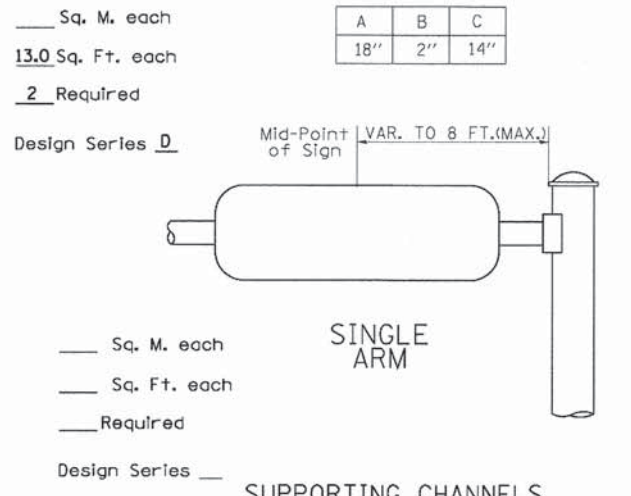
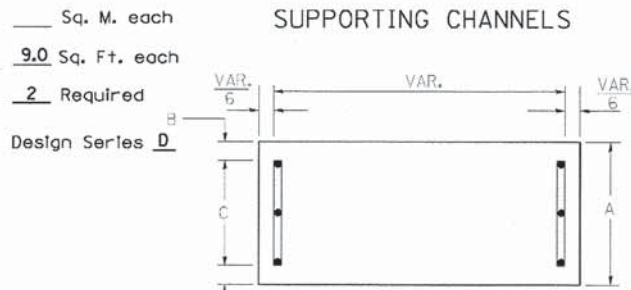
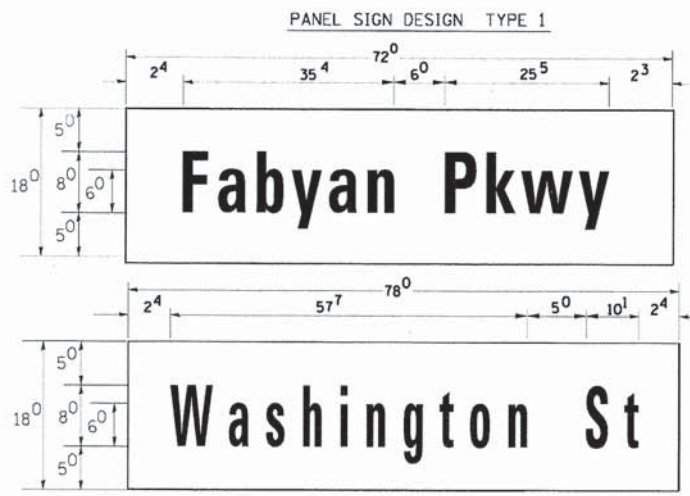
USER NAME = e.jansen	DESIGNED - EAJ	REVISED -
FILE NAME = SCH_INT_IL38-Fabyan Pkwy.dgn	DRAWN - FPB	REVISED -
PLOT SCALE = NOT TO SCALE	CHECKED - GMZ	REVISED -
PLOT DATE = 8/18/2014	DATE - 8/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERCONNECT SCHEMATIC PLAN AND SCHEDULE OF QUANTITIES
ILLINOIS ROUTE 38
FROM KAUTZ ROAD TO FABYAN PARKWAY (WASHINGTON STRET)

SCALE: 1"=20' SHEET NO.28 OF 36 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	189
CONTRACT NO. 63849				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM shall be used. See Note #5.

Upper Case To Lower Case
Spacing Chart 8-6 Inch Series "C & D"

FIRST LETTER	SECOND LETTER																									
	acde		bhikl				f w		J		s t		v y		x		z									
	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D								
A W X	1 ²	1 ⁴	1 ⁴	1 ⁵	1 ²	1 ⁴	0 ⁶	1 ⁰	1 ¹	1 ⁴	0 ⁶	1 ⁰	1 ¹	1 ²	1 ²	1 ⁴	1 ⁴									
B	1 ⁴	1 ⁵	2 ⁰	2 ¹	1 ⁴	1 ⁵	1 ¹	1 ²	1 ⁴	1 ⁵	1 ²	1 ⁴	1 ²	1 ⁴	1 ²	1 ⁴	1 ⁶	1 ⁷								
C E G	1 ⁴	1 ⁵	2 ⁰	2 ¹	1 ²	1 ⁴	0 ⁶	1 ⁰	1 ²	1 ⁴	1 ²	1 ⁴	1 ⁴	1 ⁵	1 ⁴	1 ⁵	1 ⁴	1 ⁵								
D O Q R	1 ⁴	1 ⁵	2 ⁰	2 ¹	1 ⁴	1 ⁵	0 ⁶	1 ⁰	1 ²	1 ⁴	1 ²	1 ⁴	1 ⁴	1 ⁵	1 ⁴	1 ⁵	1 ⁴	1 ⁵								
F	0 ⁵	0 ⁶	1 ⁴	1 ⁵	0 ⁶	1 ⁰	0 ⁵	0 ⁶	0 ⁶	1 ⁰	0 ⁶	1 ⁰	0 ⁶	1 ⁰	1 ¹	1 ²	1 ⁴	1 ⁵								
H I M N	2 ⁰	2 ¹	2 ²	2 ⁴	2 ⁰	2 ¹	1 ⁴	1 ⁵	1 ⁶	1 ⁷	1 ⁶	1 ⁷	1 ⁶	1 ⁷	2 ⁰	2 ¹	2 ⁰	2 ¹								
J U	2 ⁰	2 ¹	2 ⁰	2 ¹	1 ⁶	1 ⁷	1 ⁴	1 ⁵	1 ⁶	1 ⁷	1 ⁶	1 ⁷	1 ⁶	1 ⁷	2 ⁰	2 ¹	2 ⁰	2 ¹								
K L	1 ¹	1 ²	1 ⁶	1 ⁷	1 ¹	1 ²	0 ⁵	0 ⁶	1 ¹	1 ²	1 ¹	1 ²	1 ¹	1 ²	1 ¹	1 ²	1 ²	1 ⁴								
P	1 ²	1 ⁴	1 ⁴	1 ⁵	1 ²	1 ⁴	0 ⁵	0 ⁶	1 ¹	1 ²	1 ¹	1 ²	1 ²	1 ⁴	1 ²	1 ⁴	1 ²	1 ⁴								
S	1 ²	1 ⁴	1 ⁶	1 ⁷	1 ²	1 ⁴	0 ⁶	1 ⁰	1 ²	1 ⁴	1 ²	1 ⁴	1 ²	1 ⁴	1 ²	1 ⁴	1 ²	1 ⁴								
T	1 ¹	1 ²	1 ⁶	1 ⁷	0 ⁶	1 ⁰	0 ⁶	1 ⁰	1 ¹	1 ²	1 ¹	1 ²	1 ¹	1 ²	1 ¹	1 ²	1 ²	1 ⁴								
V	0 ⁶	1 ⁰	1 ⁴	1 ⁵	1 ¹	1 ²	0 ⁶	1 ⁰	1 ²	1 ⁴	1 ²	1 ⁴	1 ²	1 ⁴	1 ²	1 ⁴	1 ²	1 ⁴								
Y	0 ⁵	0 ⁶	1 ⁴	1 ⁵	0 ⁶	1 ⁰	0 ⁵	0 ⁶	0 ⁵	0 ⁷	0 ⁵	0 ⁶	0 ⁶	1 ⁰	1 ¹	1 ²	1 ⁴	1 ⁵								
Z	1 ⁶	1 ⁷	2 ²	2 ⁴	1 ⁶	1 ⁷	1 ²	1 ⁴	1 ⁶	1 ⁷	1 ⁶	1 ⁷	1 ⁶	1 ⁷	2 ⁰	2 ¹	2 ⁰	2 ¹								

Lower Case To Lower Case
Spacing Chart 6 Inch Series "C & D"

FIRST LETTER	SECOND LETTER																									
	acde		bhikl				f w		J		s t		v y		x		z									
	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D								
adhgi	1 ⁶	1 ⁷	2 ²	2 ⁴	1 ⁶	1 ⁷	1 ²	1 ⁴	1 ⁴	1 ⁵	1 ⁴	1 ⁵	1 ⁶	1 ⁷	1 ⁶	1 ⁷	1 ⁶	1 ⁷								
lmnqu	1 ⁶	1 ⁷	2 ²	2 ⁴	1 ⁶	1 ⁷	1 ²	1 ⁴	1 ⁴	1 ⁵	1 ⁴	1 ⁵	1 ⁶	1 ⁷	1 ⁶	1 ⁷	1 ⁶	1 ⁷								
bfkops	1 ²	1 ⁴	1 ⁶	1 ⁷	1 ¹	1 ²	0 ⁵	0 ⁶	1 ¹	1 ²	1 ¹	1 ²	1 ²	1 ⁴	1 ²	1 ⁴	1 ²	1 ⁴								
ce	1 ²	1 ⁴	1 ⁶	1 ⁷	1 ²	1 ⁴	0 ⁶	1 ⁰	1 ²	1 ⁴	1 ²	1 ⁴	1 ²	1 ⁴	1 ²	1 ⁴	1 ²	1 ⁴								
r	0 ⁶	1 ⁰	1 ²	1 ⁴	0 ⁶	1 ⁰	0 ³	0 ³	0 ⁵	0 ⁶	0 ⁵	0 ⁶	0 ⁶	1 ⁰	0 ⁶	1 ⁰	0 ⁶	1 ⁰								
t z	1 ²	1 ⁴	1 ⁶	1 ⁷	1 ²	1 ⁴	0 ⁶	1 ⁰	1 ¹	1 ²	1 ¹	1 ²	1 ²	1 ⁴	1 ²	1 ⁴	1 ²	1 ⁴								
vy	1 ¹	1 ²	1 ⁴	1 ⁵	1 ¹	1 ²	0 ⁵	0 ⁶	0 ⁶	1 ⁰	0 ⁶	1 ⁰	1 ¹	1 ²	1 ¹	1 ²	1 ¹	1 ²								
w	1 ¹	1 ²	1 ⁴	1 ⁵	1 ¹	1 ²	0 ⁵	0 ⁶	1 ¹	1 ²	1 ¹	1 ²	1 ¹	1 ²	1 ¹	1 ²	1 ¹	1 ²								
x	1 ²	1 ⁴	1 ⁶	1 ⁷	1 ¹	1 ²	0 ⁵	0 ⁶	1 ¹	1 ²	1 ¹	1 ²	1 ¹	1 ²	1 ¹	1 ²	1 ¹	1 ²								

Number To Number
Spacing Chart 8 Inch Series "C & D"

FIRST NUMBER	SECOND NUMBER																					
	0		1		2		3		4		5		6		7		8		9			
	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D		
0 9	1 ⁶	1 ⁷	1 ⁶	1 ⁷	1 ⁴	1 ⁵	1 ²	1 ⁴	1 ⁴	1 ⁵	1 ⁴	1 ⁵	1 ⁶	1 ⁷	1 ²	1 ⁴	1 ⁶	1 ⁷	1 ⁶	1 ⁷		
1	2 ⁰	2 ¹	2 ⁰	2 ¹	2 ⁰	2 ¹	1 ⁶	1 ⁷	1 ⁴	1 ⁵	2 ⁰	2 ¹	2 ⁰	2 ¹	1 ⁴	1 ⁵	2 ⁰	2 ¹	2 ⁰	2 ¹		
2 3 4	1 ⁴	1 ⁵	1 ⁴	1 ⁵	1 ⁴	1 ⁵	1 ²	1 ⁴	1 ⁴	1 ⁵	1 ⁴	1 ⁵	1 ⁴	1 ⁵	1 ¹	1 ²	1 ⁶	1 ⁷	1 ⁴	1 ⁵		
5	1 ⁴	1 ⁵	1 ⁴	1 ⁵	1 ⁴	1 ⁵	1 ¹	1 ²	1 ¹	1 ²	1 ⁴	1 ⁵	1 ⁴	1 ⁵	1 ¹	1 ²	1 ⁴	1 ⁵	1 ⁴	1 ⁵		
6	1 ⁶	1 ⁷	1 ⁴	1 ⁵	1 ⁴	1 ⁵	1 ²	1 ⁴	1 ⁴	1 ⁵	1 ⁴	1 ⁵	1 ⁴	1 ⁵	1 ¹	1 ²	1 ⁴	1 ⁵	1 ⁴	1 ⁵		
7	1 ²	1 ⁴	1 ²	1 ⁴	1 ⁴	1 ⁵	1 ²	1 ⁴	1 ⁵	0 ⁵	0 ⁶	1 ²	1 ⁴	1 ⁴	1 ⁵	1 ¹	1 ²	1 ⁴	1 ⁵	1 ²	1 ⁴	
8	1 ⁶	1 ⁷	1 ⁶	1 ⁷	1 ⁴	1 ⁵	1 ²	1 ⁴	1 ⁴	1 ⁵	1 ²	1 ⁴	1 ⁴	1 ⁵	1 ⁶	1 ⁷	1 ²	1 ⁴	1 ⁶	1 ⁷	1 ⁴	1 ⁵

EXAMPLE, 2³ DENOTES 3/8

UPPER AND LOWER CASE LETTER WIDTHS

LETTERS	6 INCH UPPER CASE LETTERS				8 INCH UPPER CASE LETTERS				LETTERS	6 INCH LOWER CASE LETTERS	
	SERIES		SERIES		SERIES		SERIES			SERIES	
	C	D	C	D	C	D	C	D		C	D
A	3 ⁶	5 ⁰	5 ⁰	6 ⁵	a	3 ⁵	4 ²	3 ⁵	4 ²		
B	3 ²	4 ⁰	4 ³	5 ³	b	3 ⁵	4 ²	3 ⁵	4 ²		
C	3 ²	4 ⁰	4 ³	5 ³	c	3 ⁵	4 ¹	3 ⁵	4 ¹		
D	3 ²	4 ⁰	4 ³	5 ³	d	3 ⁵	4 ²	3 ⁵	4 ²		
E	3 ⁰	3 ⁵	4 ⁰	4 ⁷	e	3 ⁵	4 ²	3 ⁵	4 ²		
F	3 ⁰	3 ⁵	4 ⁰	4 ⁷	f	2 ³	2 ⁶	3 ⁵	4 ²		
G	3 ²	4 ⁰	4 ³	5 ³	g	3 ⁵	4 ²	3 ⁵	4 ²		
H	3 ²	4 ⁰	4 ³	5 ³	h	3 ⁵	4 ²	3 ⁵	4 ²		
I	0 ⁷	0 ⁷	1 ¹	1 ²	i	1 ¹	1 ¹	3 ⁵	4 ²		
J	3 ⁰	3 ⁶	4 ⁰	5 ⁰	j	2 ⁰	2 ²	3 ⁵	4 ²		
K	3 ²	4 ¹	4 ³	5 ⁴	k	3 ⁵	4 ²	3 ⁵	4 ²		
L	3 ⁰	3 ⁵	4 ⁰	4 ⁷	l	1 ¹	1 ¹	3 ⁵	4 ²		
M	3 ⁷	4 ⁵	5 ¹	6 ¹	m	6 ⁰	7 ⁰	3 ⁵	4 ²		
N	3 ²	4 ⁰	4 ³	5 ³	n	3 ⁵	4 ²	3 ⁵	4 ²		
O	3 ⁴	4 ²	4 ⁵	5 ⁵	o	3 ⁶	4 ³	3 ⁵	4 ²		
P	3 ²	4 ⁰	4 ³	5 ³	p	3 ⁵	4 ²	3 ⁵	4 ²		
Q	3 ⁴	4 ²	4 ⁵	5 ⁵	q	3 ⁵	4 ²	3 ⁵	4 ²		
R	3 ²	4 ⁰	4 ³	5 ³	r	2 ⁶	3 ²	3 ⁵	4 ²		
S	3 ²	4 ⁰	4 ³	5 ³	s	3 ⁶	4 ²	3 ⁵	4 ²		
T	3 ⁰	3 ⁵	4 ⁰	4 ⁷	t	2 ⁷	3 ²	3 ⁵	4 ²		
U	3 ²	4 ⁰	4 ³	5 ³	u	3 ⁵	4 ²	3 ⁵	4 ²		
V	3 ⁵	4 ⁴	4 ⁷	6 ⁰	v	4 ²	4 ⁷	3 ⁵	4 ²		
W	4 ⁴	5 ²	6 ⁰	7 ⁰	w	5 ⁵	6 ⁴	3 ⁵	4 ²		
X	3 ⁴	4 ⁰	4 ⁵	5 ³	x	4 ⁴	5 ¹	3 ⁵	4 ²		
Y	3 ⁶	5 ⁰	5 ⁰	6 ⁶	y	4 ⁶	5 ³	3 ⁵	4 ²		
Z	3 ²	4 ⁰	4 ³	5 ³	z	3 ⁶	4 ³	3 ⁵	4 ²		

NUMBER	6 INCH SERIES		8 INCH SERIES	
	C	D	C	D
1	1 ²	1 ⁴	1 ⁵	2 ⁰
2	3 ²	4 ⁰	4 ³	5 ³

TRAFFIC SIGNAL LEGEND

ITEM	REMOVAL	EXISTING	PROPOSED	ITEM	REMOVAL	EXISTING	PROPOSED	ITEM	REMOVAL	EXISTING	PROPOSED
CONTROLLER CABINET				EMERGENCY VEHICLE LIGHT DETECTOR				ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1/C, UNLESS NOTED OTHERWISE			
RAILROAD CONTROL CABINET				CONFIRMATION BEACON				COAXIAL CABLE			
COMMUNICATIONS CABINET				HANDHOLE				VENDOR CABLE FOR CAMERA			
MASTER CONTROLLER				HEAVY DUTY HANDHOLE				COPPER INTERCONNECT CABLE, NO. 18 3 PAIR TWISTED, SHIELDED			
MASTER MASTER CONTROLLER				DOUBLE HANDHOLE				FIBER OPTIC CABLE NO. 62.5/125, MM12F			
UNINTERRUPTABLE POWER SUPPLY				JUNCTION BOX				FIBER OPTIC CABLE NO. 62.5/125, MM12F SM12F			
SERVICE INSTALLATION, (P) POLE OR (G) GROUND MOUNT				UNDERGROUND CONDUIT, GALVANIZED STEEL (UC)				FIBER OPTIC CABLE NO. 62.5/125, MM12F SM24F			
TELEPHONE CONNECTION (P) POLE OR (G) GROUND MOUNT				TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE				FIBER OPTIC CABLE NO. 62.5/125, MM12F SM24F			
STEEL MAST ARM ASSEMBLY AND POLE				COMMON TRENCH				GROUND ROD AT (C) CONTROLLER, (H) HANDHOLE, (P) POST, (M) MAST ARM, OR (S) SERVICE			
ALUMINUM MAST ARM ASSEMBLY AND POLE				COILABLE NONMETALLIC CONDUIT (EMPTY)				CONTROLLER CABINET AND FOUNDATION TO BE REMOVED			
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE				SYSTEM ITEM		S	S	STEEL MAST ARM POLE AND FOUNDATION TO BE REMOVED			
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH PTZ CAMERA				INTERSECTION ITEM		I	IP	ALUMINUM MAST ARM POLE AND FOUNDATION TO BE REMOVED			
SIGNAL POST				REMOVE ITEM	R			STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE AND FOUNDATION TO BE REMOVED			
TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM				RELOCATE ITEM	RL			SIGNAL POST AND FOUNDATION TO BE REMOVED			
GUY WIRE				ABANDON ITEM	A			12" (300mm) TRAFFIC SIGNAL SECTION			
SIGNAL HEAD				12" (300mm) RED WITH 8" (200mm) YELLOW AND GREEN TRAFFIC SIGNAL FACE				SIGNAL FACE			
SIGNAL HEAD CONSTRUCTION STAGES (NUMBERS INDICATE THE CONSTRUCTION STAGE)				SIGNAL FACE WITH BACKPLATE, "P" INDICATES PROGRAMMED HEAD				"RB" INDICATES REFLECTIVE BACKPLATE			
SIGNAL HEAD WITH BACKPLATE				12" (300mm) PEDESTRIAN SIGNAL HEAD WALK/DON'T WALK SYMBOL				12" (300mm) PEDESTRIAN SIGNAL HEAD INTERNATIONAL SYMBOL, OUTLINED			
SIGNAL HEAD OPTICALLY PROGRAMMED				12" (300mm) PEDESTRIAN SIGNAL HEAD INTERNATIONAL SYMBOL, SOLID				PEDESTRIAN SIGNAL HEAD, INTERNATIONAL SYMBOL, WITH COUNTDOWN TIMER			
FLASHER INSTALLATION (S DENOTES SOLAR POWER)				RADIO INTERCONNECT				RADIO REPEATER			
PEDESTRIAN SIGNAL HEAD				DENOTES NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE, ALL DETECTOR LOOP CABLE TO BE SHIELDED				GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)			
PEDESTRIAN PUSHBUTTON DETECTOR											
ACCESSIBLE PEDESTRIAN PUSHBUTTON DETECTOR											
ILLUMINATED SIGN "NO LEFT TURN"											
ILLUMINATED SIGN "NO RIGHT TURN"											
DETECTOR LOOP, TYPE I											
PERFORMED DETECTOR LOOP											
MICROWAVE VEHICLE SENSOR											
VIDEO DETECTION CAMERA											
VIDEO DETECTION ZONE											
PAN, TILT, ZOOM CAMERA											
WIRELESS DETECTOR SENSOR											
WIRELESS ACCESS POINT											

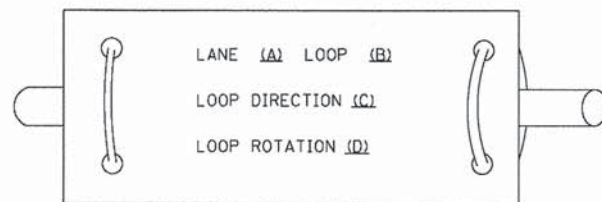
RAILROAD SYMBOLS

	EXISTING	PROPOSED
RAILROAD CONTROL CABINET		
RAILROAD CANTILEVER MAST ARM		
FLASHING SIGNAL		
CROSSING GATE		
CROSSBUCK		

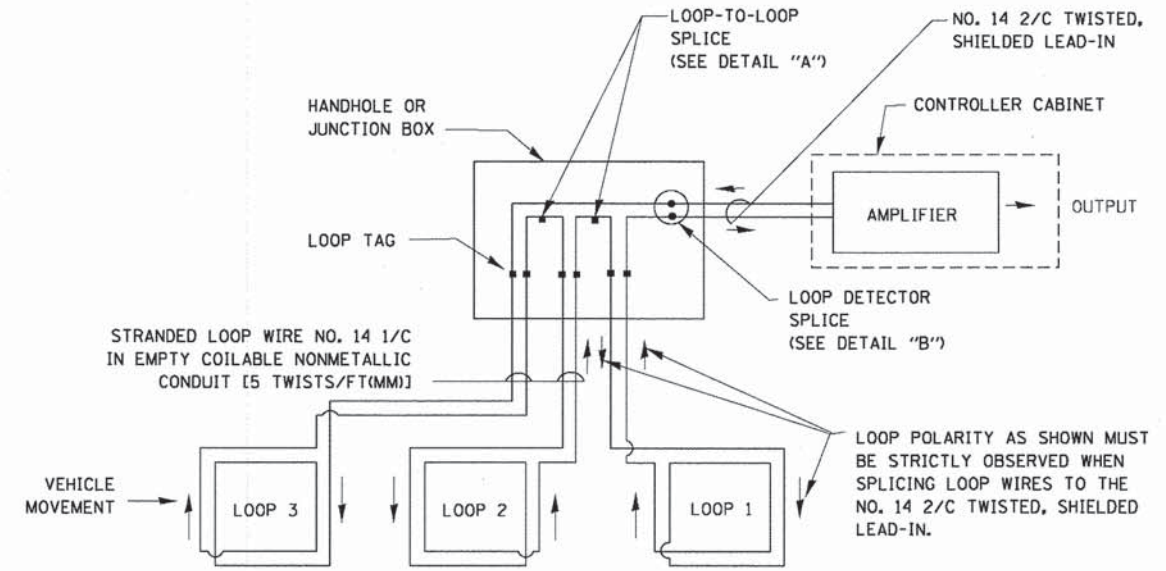
LOOP DETECTOR NOTES

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

LOOP LEAD-IN CABLE TAG

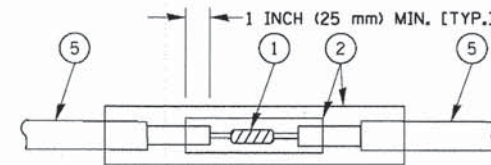


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

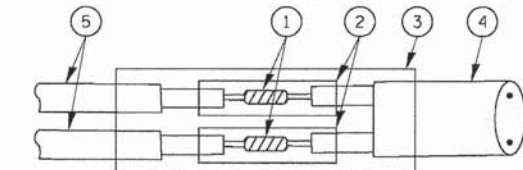


DETECTOR LOOP WIRING SCHEMATIC

- LOOPS SHALL BE SPLICED IN SERIES.
- SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.

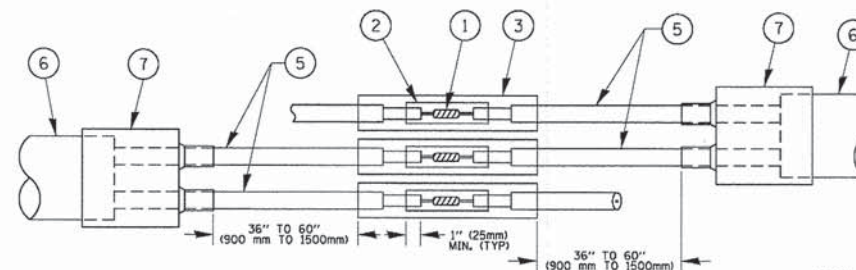


DETAIL "A"
LOOP-TO-LOOP SPLICE

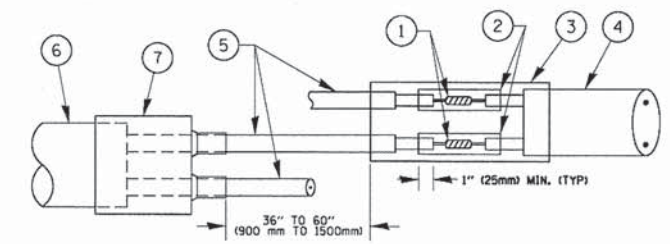


DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

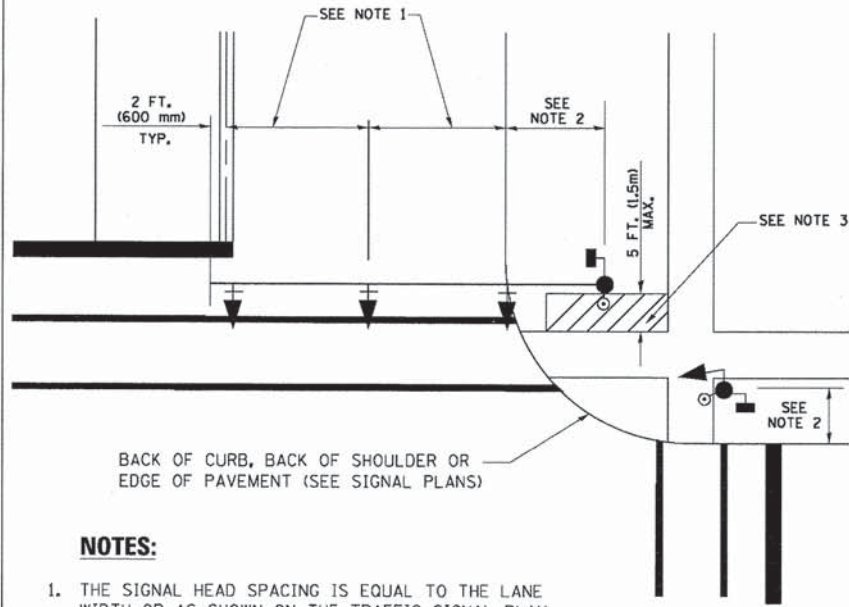
PRE-FORMED LOOP

LOOP DETECTOR SPLICE

- 1 WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE WESTERN UNION SPLICES SHALL BE STAGGERED.
- 2 WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- 3 WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE.
- 4 NO. 14 2/C TWISTED, SHIELDED CABLE.
- 5 LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.
- 6 PRE-FORMED LOOP
- 7 XL POLYOLEFIN 2 CONDUCTOR BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

FILE NAME =	USER NAME = Footemj	DESIGNED - DAD	REVISED - DAG 1-1-14	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS			F.A.P. RTE. 347	SECTION 11-00210-04-CH	COUNTY DUPAGE	TOTAL SHEETS 304	SHEET NO. 192
	PLOT SCALE = 50,0000' / 1"	CHECKED - DAD	REVISED -		SCALE: NONE	SHEET NO. 31 OF 36 SHEETS	STA. TO STA.	TS-05		CONTRACT NO. 63849		
	PLOT DATE = 1/13/2014	DATE - 10-28-09	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							

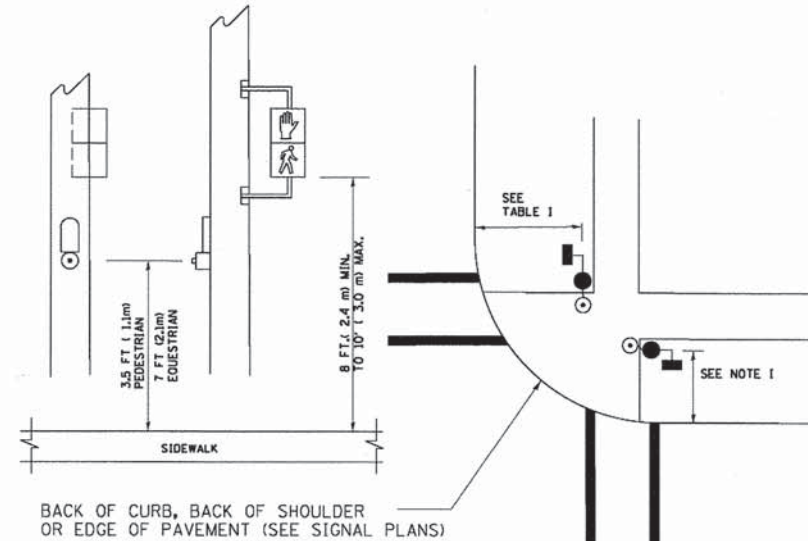
**TRAFFIC SIGNAL MAST ARM AND SIGNAL POST
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR
FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN
WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.**



NOTES:

1. THE SIGNAL HEAD SPACING IS EQUAL TO THE LANE WIDTH OR AS SHOWN ON THE TRAFFIC SIGNAL PLAN.
2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
3. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE MAST ARM SHAFT OR THE SIGNAL POST.
4. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
5. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

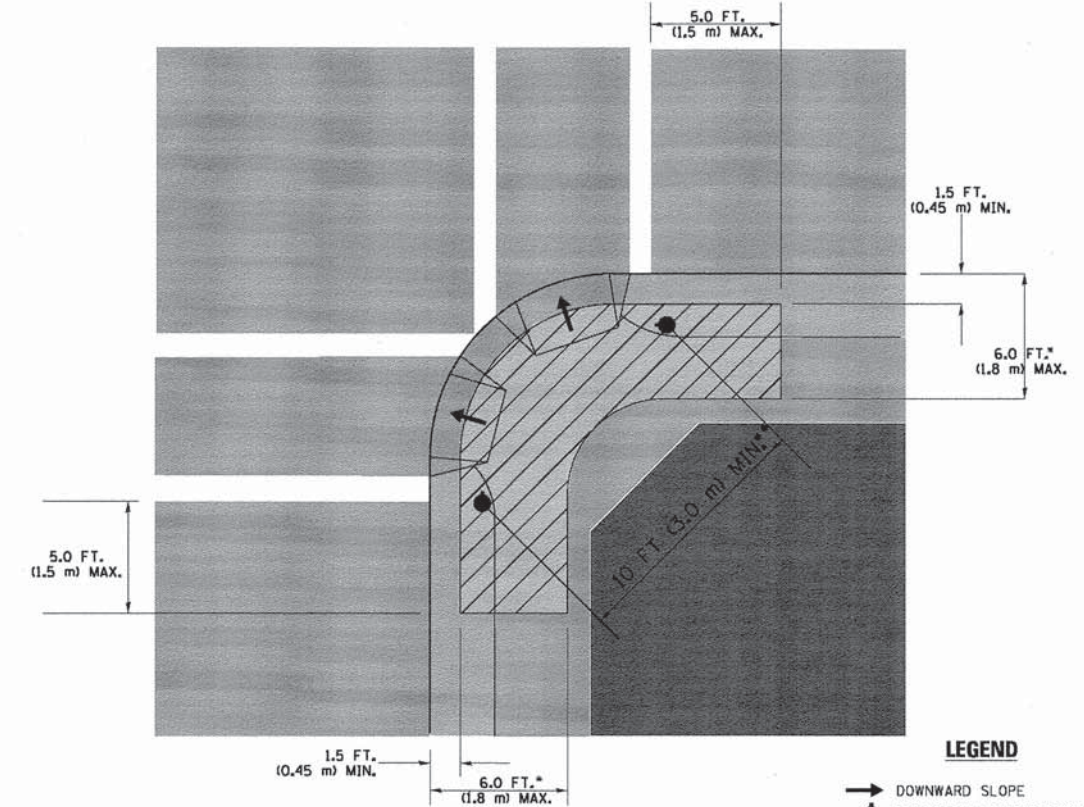
**PEDESTRIAN SIGNAL POST
AND
PEDESTRIAN PUSH BUTTON POST**



NOTES:

1. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
2. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE PEDESTRIAN SIGNAL POST OR THE PEDESTRIAN PUSH BUTTON POST.
3. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
4. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

RECOMMENDED PUSHBUTTON LOCATIONS



LEGEND

- DOWNWARD SLOPE
- PEDESTRIAN PUSHBUTTON
- ▨ RECOMMENDED PUSHBUTTON LOCATIONS

- WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT (1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.
- WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPARATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

NOTES:

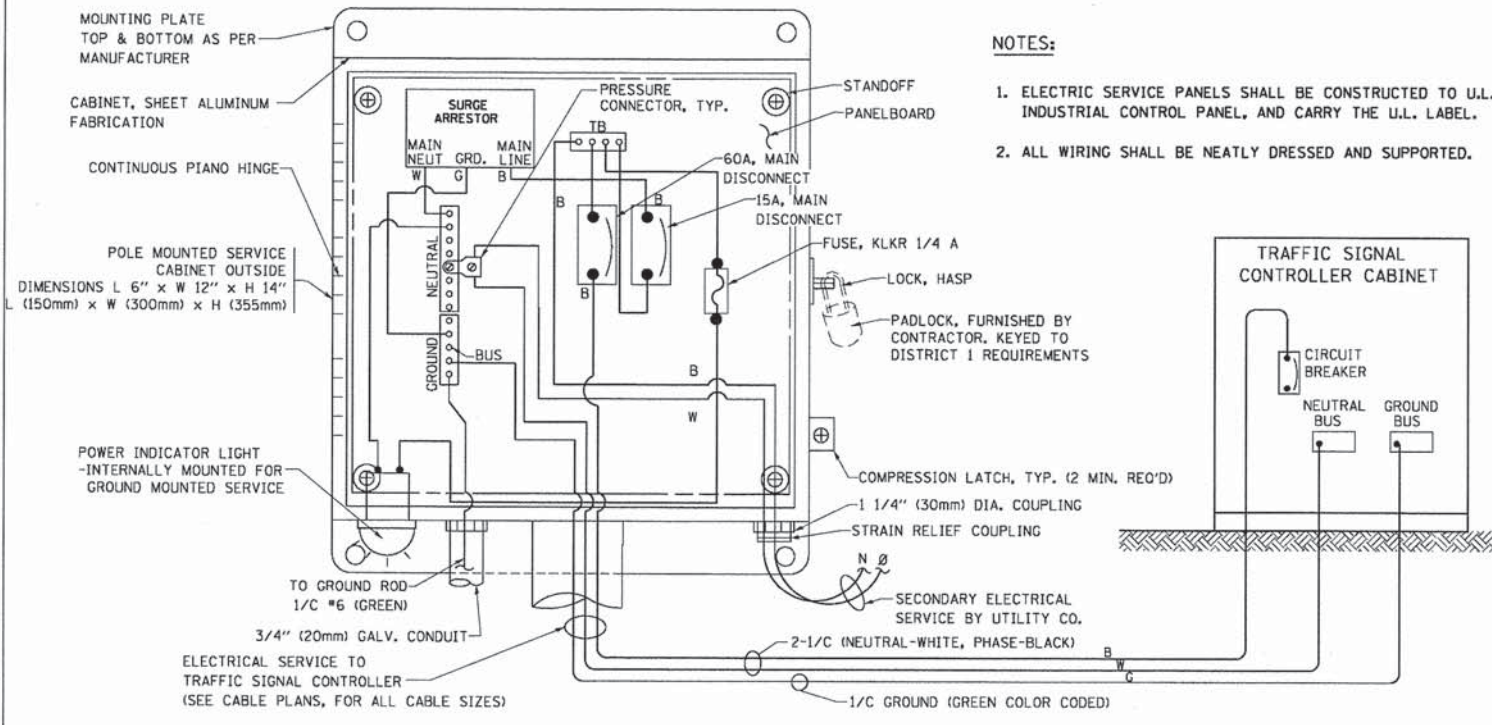
1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2.4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
2. THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) OF A VEHICULAR SIGNAL FACE THAT IS NOT LOCATED OVER A HIGHWAY SHALL BE AT LEAST 8 FT (2.4 m) BUT NOT MORE THAN 19 FT (5.8 m) ABOVE THE SIDEWALK OR, IF THERE IS NO SIDEWALK, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY.
3. THE BOTTOM OF THE SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001, 877002, 877006, 877011 AND 877012 WITH A MINIMUM OF 16 FT (5.0 m) AND A MAXIMUM OF 18 FT (5.5 m) FROM THE HIGHEST POINT OF PAVEMENT.
4. THE BOTTOM OF THE TEMPORARY SPAN WIRE MOUNTED SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARD 880001 WITH A MINIMUM OF 17 FT (5.18 m) FROM THE HIGHEST POINT OF PAVEMENT.
5. THE TOP OF THE SIGNAL HOUSING OF A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL NOT BE MORE THAN 25.6 FT (7.8 m) ABOVE THE PAVEMENT.

TRAFFIC SIGNAL EQUIPMENT OFFSET

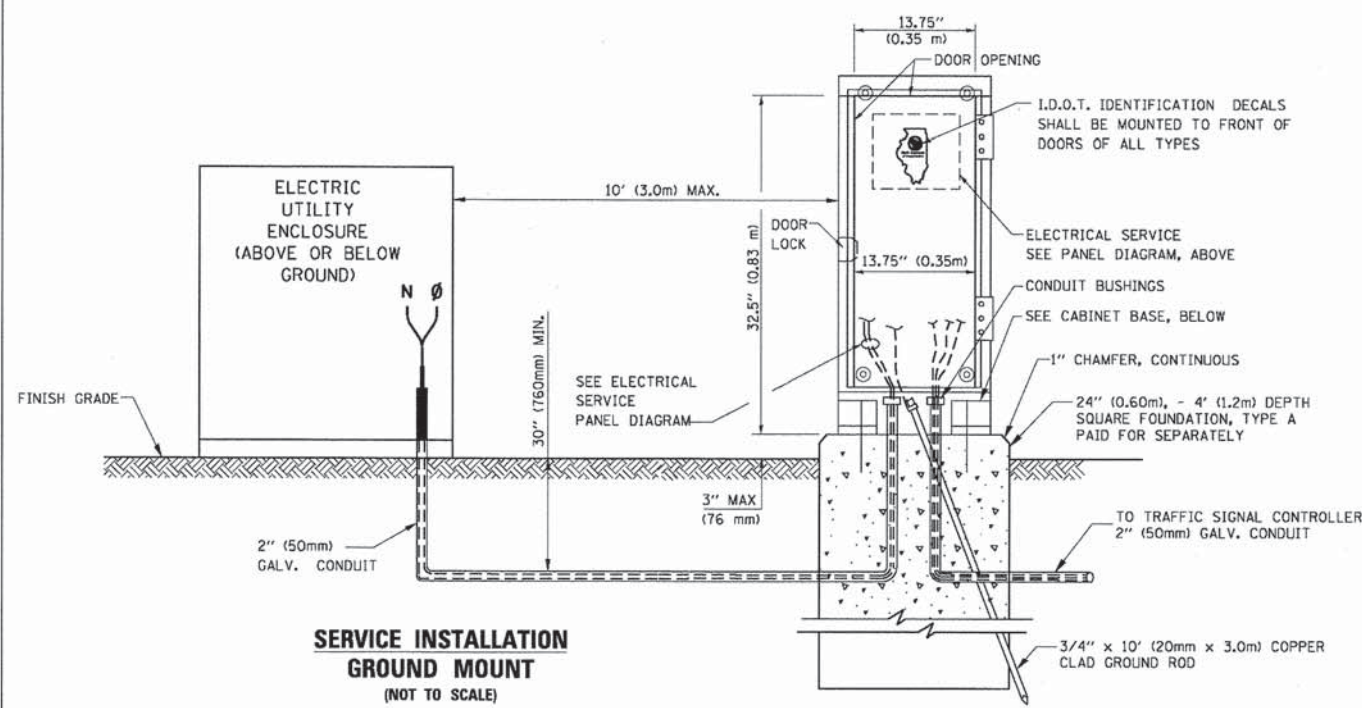
TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION)	SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN PUSHBUTTON POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TEMPORARY WOOD POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
CONTROLLER CABINET	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.
SERVICE INSTALLATION, GROUND MOUNT	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.

NOTES:

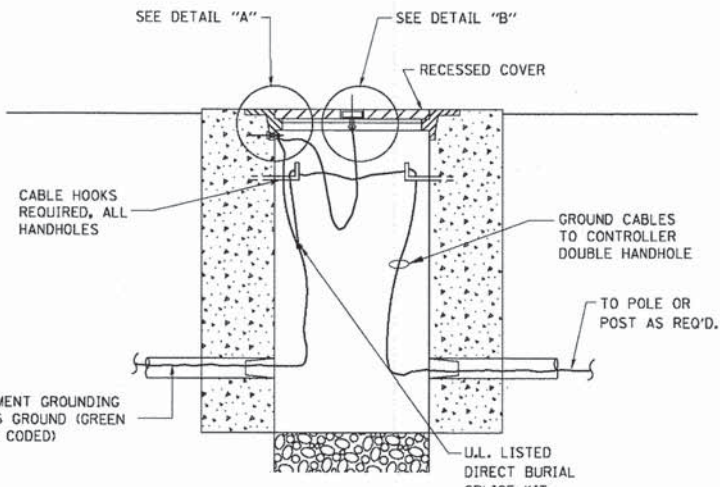
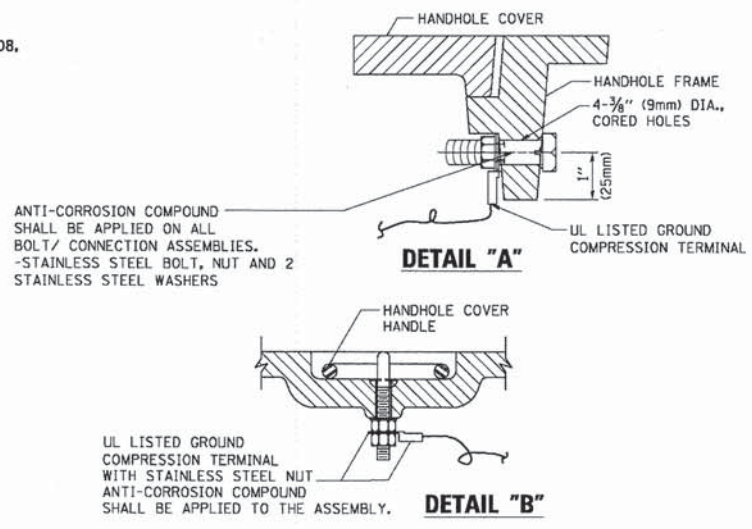
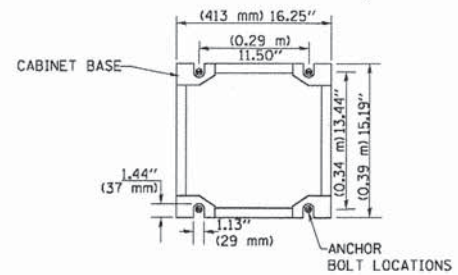
1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.
3. MINIMUM DISTANCE FROM THE EDGE OF PAVEMENT TO THE ROADWAY SIDE OF THE FOUNDATION.
4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS, FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" CHART AND THE TRAFFIC SIGNAL INSTALLATION PLAN, COULD AFFECT THE PLACEMENT OF THE SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS AND THE PEDESTRIAN PUSHBUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL INSTALLATION PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THE ABOVE REQUIREMENTS. THE PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS MUST MEET THE REQUIREMENTS UNDER THE DETAILS ON THIS SHEET.



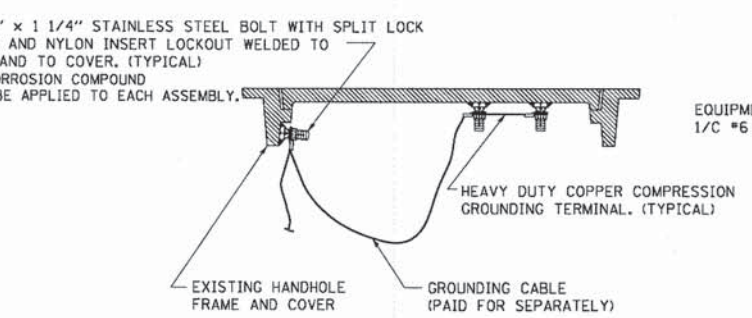
ELECTRICAL SERVICE - PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)
SERVICE INSTALLATION POLE MOUNT (SHOWN)
 (NOT TO SCALE)



CABINET - BASE BOLT PATTERN
 (NOT TO SCALE)



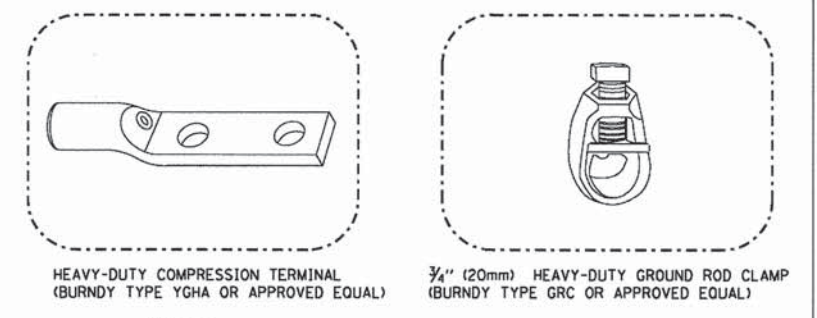
HANDHOLE COVER & FRAME - GROUNDING DETAIL
 (NOT TO SCALE)



EXISTING HANDHOLE COVER & FRAME - GROUNDING DETAIL
 (NOT TO SCALE)

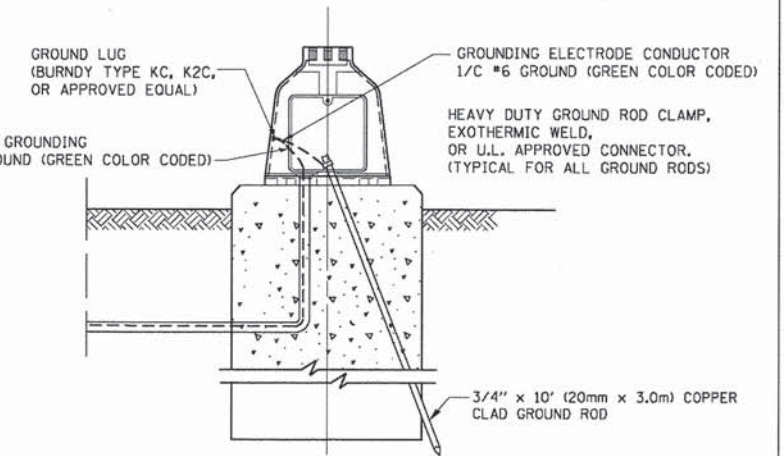
NOTES:
GROUNDING SYSTEM

1. THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC.). GROUND ROD SHALL BE 3/4" DIA. x 10'-0" (20mm x 3.0m) LONG, COPPER CLAD, ONE GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESIDENT ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) 705-4139.
2. THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
3. ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
4. THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.

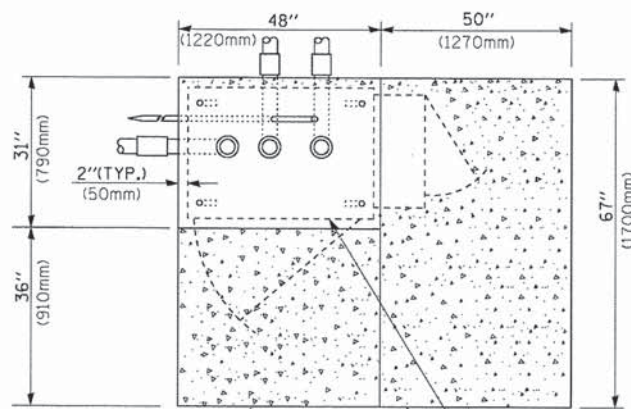


NOTES:

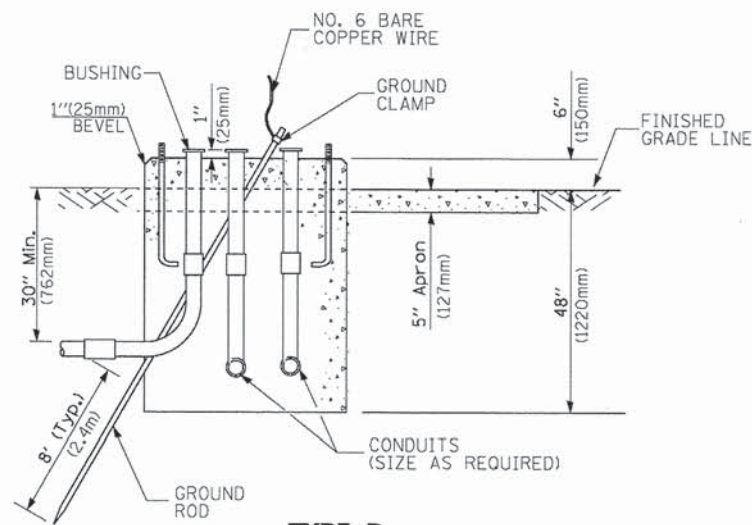
- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
- GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES. 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.



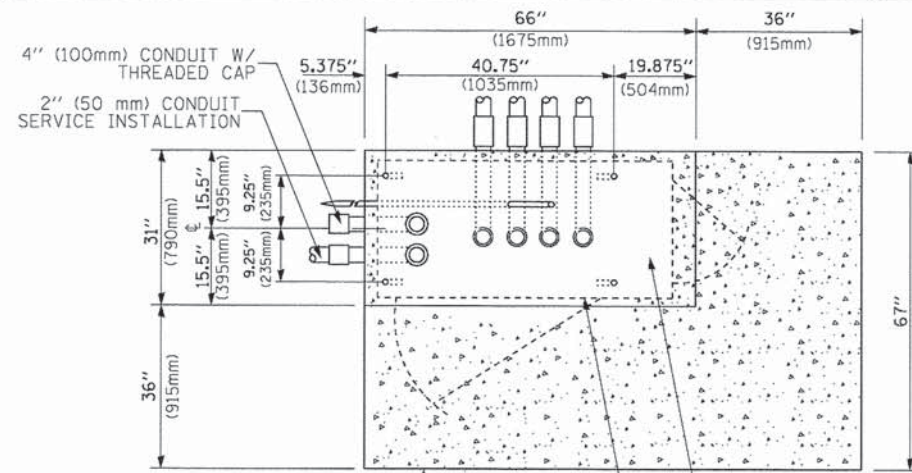
MAST ARM POLE / POST-GROUNDING DETAIL
 (NOT TO SCALE)



TOP VIEW

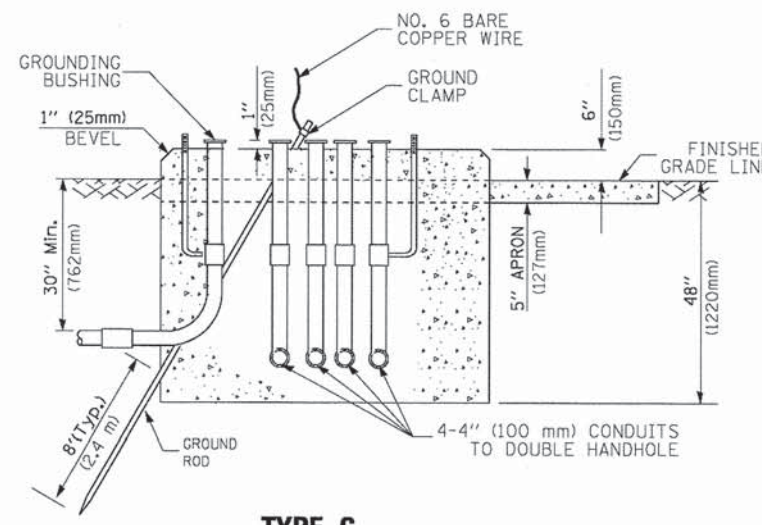


**TYPE D
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET**

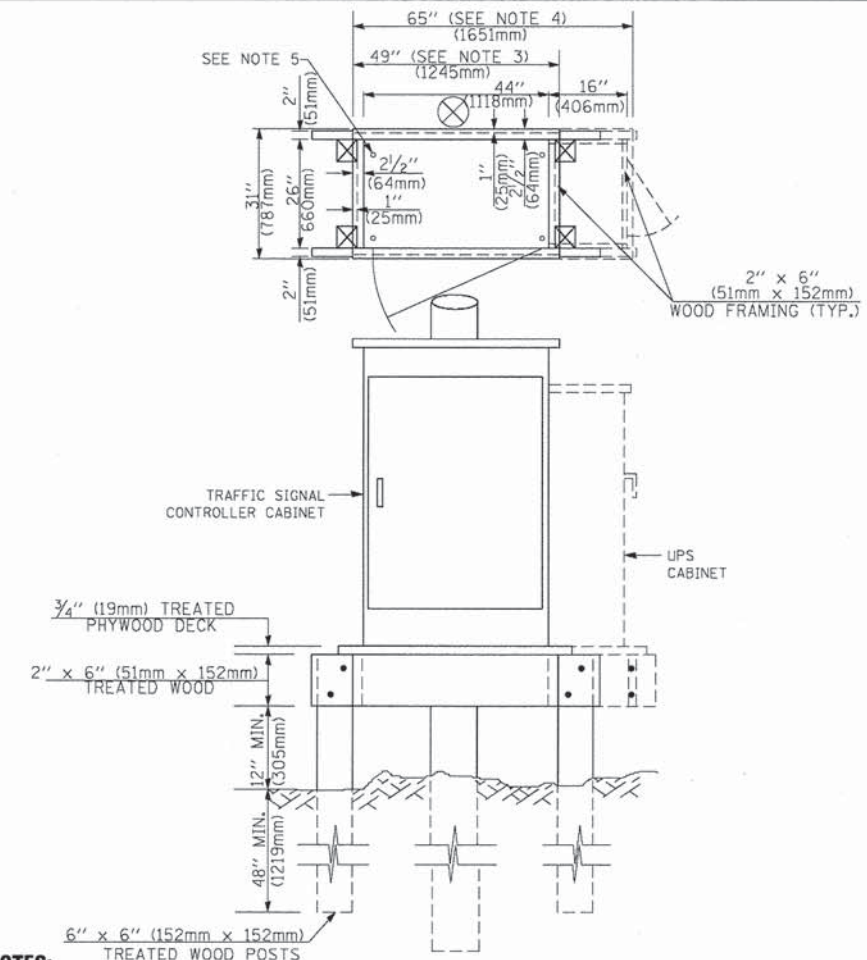


TOP VIEW

NOTE:
TOP OF FOUNDATION SHALL BE HIGHER THAN TOP OF DOUBLE HANDHOLE



**TYPE C
FOR GROUND MOUNTED
SUPER P (TYPE IV) AND SUPER R (TYPE V)
CONTROLLER CABINETS**



NOTES:

1. BASED ON CONTROLLER CABINET TYPE IV WITH BASE DIMENSIONS OF 26" x 44" (660mm x 1118mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED
2. BASED ON UNINTERRUPTIBLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" x 25" (406mm x 635mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
3. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV.
4. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV AND UNINTERRUPTIBLE POWER SUPPLY CABINET.
5. DRILLED HOLES THROUGH THE PLATFORM BASE TO MATCH THE CONTROLLER CABINET BOLT TEMPLATE. FASTEN THE CONTROLLER CABINET TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS AND NUTS.
6. FASTEN ALL SUPPORT WOOD FRAMING TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION.

**TEMPORARY SIGNAL CONTROLLER
WOOD SUPPORT PLATFORM**

CABLE SLACK LENGTH	FEET	METER
HANDHOLE	6.5	2.0
DOUBLE HANDHOLE	13.0	4.0
SIGNAL POST	2.0	0.6
MAST ARM	2.0	0.6
CONTROLLER CABINET	1.5	0.5
FIBER OPTIC AT CABINET	13.0	4.0
ELECTRIC SERVICE AT (CABINET OR SERVICE LOCATION)	1.5	0.5
GROUND CABLE (SIGNAL POST, MAST ARM, CABINET)	1.5	0.5
GROUND CABLE (BETWEEN FRAME AND COVER)	5.0	1.6

CABLE SLACK

VERTICAL CABLE LENGTH	FEET	METER
MAST ARM POLE (MAST ARM MOUNTED SIGNAL HEAD) (L = MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM)	20.0+L	6.0+L
BRACKET MOUNTED (MAST ARM POLE OR SIGNAL POLE)	13.0	4.0
PEDESTRIAN PUSH BUTTON	6.0	2.0
SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP	13.5	4.1
SERVICE INSTALLATION POLE MOUNT TO GROUND	13.5	4.1
SERVICE INSTALLATION GROUND MOUNT	6.0	2.0
FOUNDATION (SIGNAL POST, MAST ARM POLE, CONTROLLER CABINET, SERVICE-GROUND MOUNT)	3.0	1.0

VERTICAL CABLE LENGTH

FOUNDATION	DEPTH
TYPE A - Signal Post	4'-0" (1.2m)
TYPE C - CONTROLLER W/ UPS	4'-0" (1.2m)
TYPE D - CONTROLLER	4'-0" (1.2m)
SERVICE INSTALLATION, GROUND MOUNT, TYPE A - SQUARE	4'-0" (1.2m)

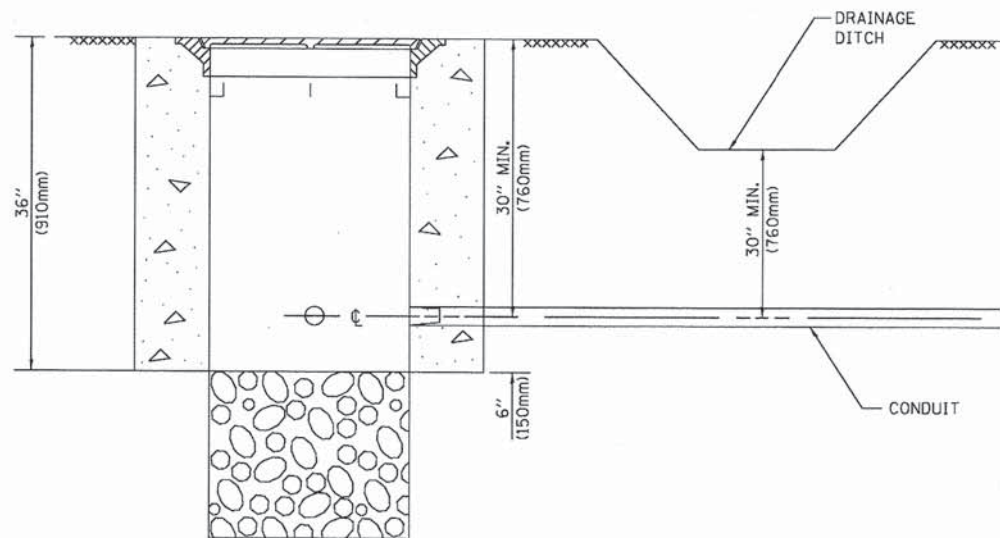
DEPTH OF FOUNDATION

MAST ARM LENGTH	① FOUNDATION DEPTH	FOUNDATION DIAMETER	SPIRAL DIAMETER	QUANTITY OF REBARS	SIZE OF REBARS
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 55' (16.8 m) and up to 65' (19.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 65' (19.8 m) and less than 75' (22.9 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 75' (22.9 m) and up to 75' (22.9 m)	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

NOTES:

1. These foundation depths are for sites which have cohesive soils (clayey silt, sandy clay, etc.) along the length of the shaft, with an average Unconfined Compressive Strength (qu) > 1.0 tsf (100 kpa). This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation drilling. The Bureau of Bridges & Structures should be contacted for a revised design if other conditions are encountered.
2. Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
3. Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations.
4. For mast arm assemblies with dual arms refer to state standard 878001..

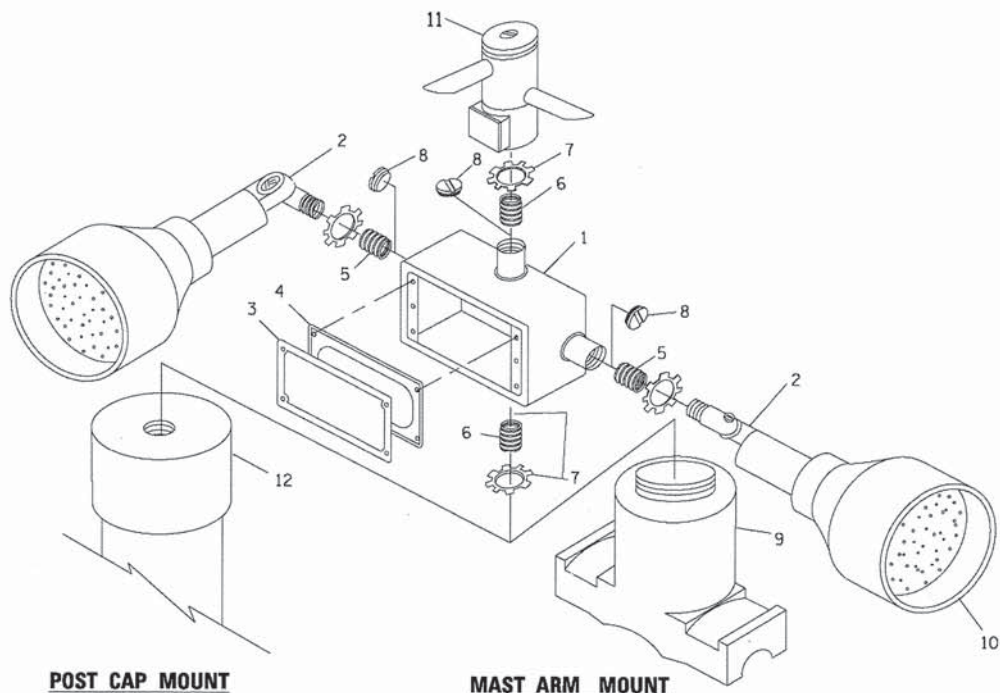
DEPTH OF MAST ARM FOUNDATIONS, TYPE E



NOTES:

1. CONDUIT DEPTH SHALL BE A MINIMUM OF 30" (760mm) BELOW THE BOTTOM OF THE DRAINAGE DITCH OR ANY SLOPING GROUND
2. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL CONDUIT PLACED UNDER ROADWAY PAVEMENT, MULTI-USE PATHS, SIDEWALKS AND SOIL SURFACES.
3. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL HANDHOLES, HEAVY DUTY HANDHOLES AND DOUBLE HANDHOLES.

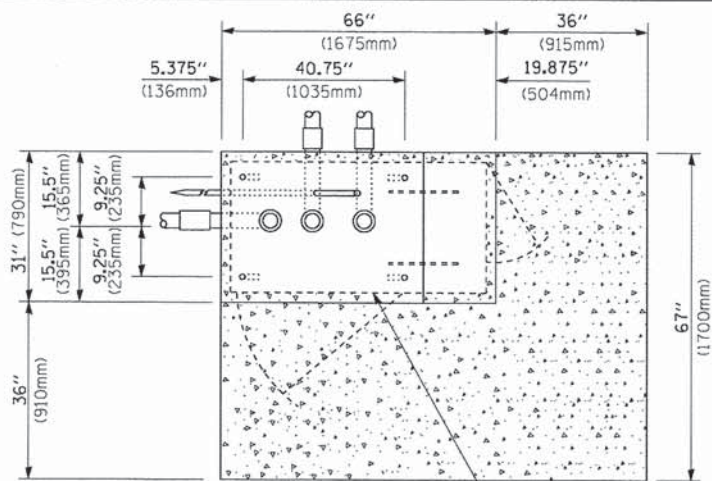
HANDHOLE WITH MINIMUM CONDUIT DEPTH
(NOT TO SCALE)



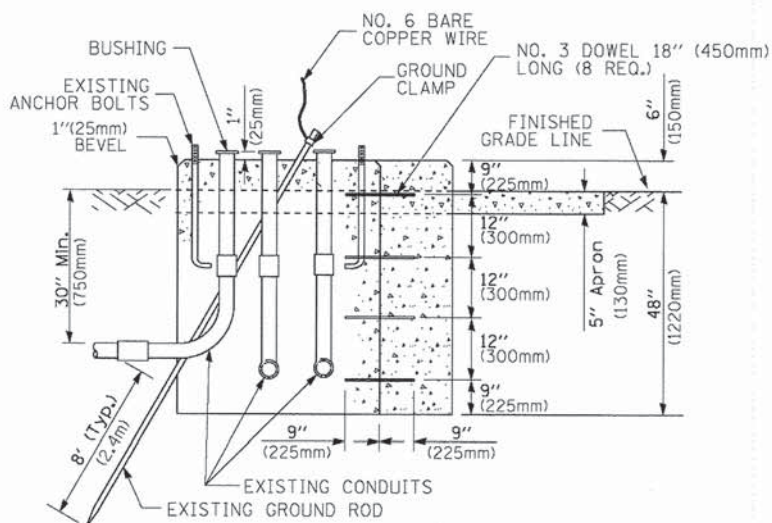
POST CAP MOUNT

MAST ARM MOUNT

EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL



TOP VIEW
(NOT TO SCALE)

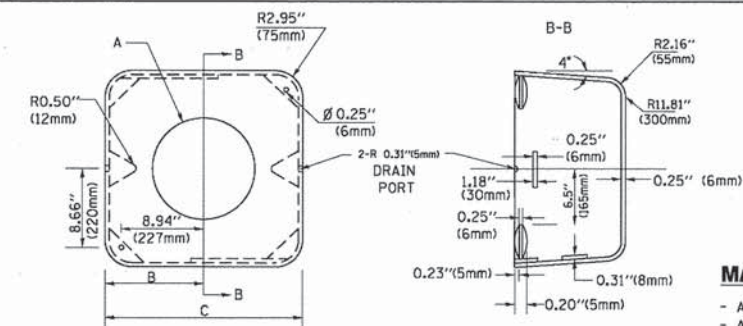


MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION
(NOT TO SCALE)

ITEM NO.	IDENTIFICATION
1	OUTLET BOX- GALV. 21 CU.IN. (0.000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	1/2" (19 mm) CLOSE NIPPLE
7	1/2" (19 mm) LOCKNUT
8	1/2" (19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5.4 m) POST MIN.]

NOTES:

1. ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
2. ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT
ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT
ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
3. WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A 3/4" (19 mm) HOLE WITH PIPE THREADS. THE POST CAP SHALL EITHER BE SCREWED TO THE TOP OF THE POST OR A MINIMUM OF 3 TIGHTENING SCREWS SHALL BE REQUIRED ON EACH CAP.



MATERIAL:

- ASTM A36 STEEL
- ASTM A-123 HOT DIPPED GALVANIZED

	A	B	C	HEIGHT	WEIGHT
VARIES	9.5" (241mm)	19" (483mm)	7" (178mm)	12" (300mm)	53 lbs (24kg)
VARIES	10.75" (273mm)	21.5" (546mm)	7" (178mm)	12" (300mm)	68 lbs (31 kg)
VARIES	13.0" (330mm)	26" (660mm)	7" (178mm)	12" (300mm)	81 lbs (37 kg)
VARIES	18.5" (470mm)	37" (940mm)	7" (178mm)	12" (300mm)	126 lbs (57 kg)

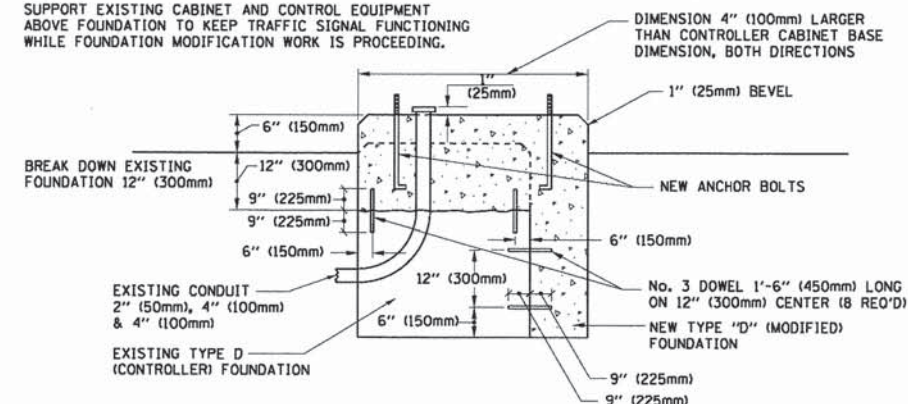
SHROUD

NOTES:

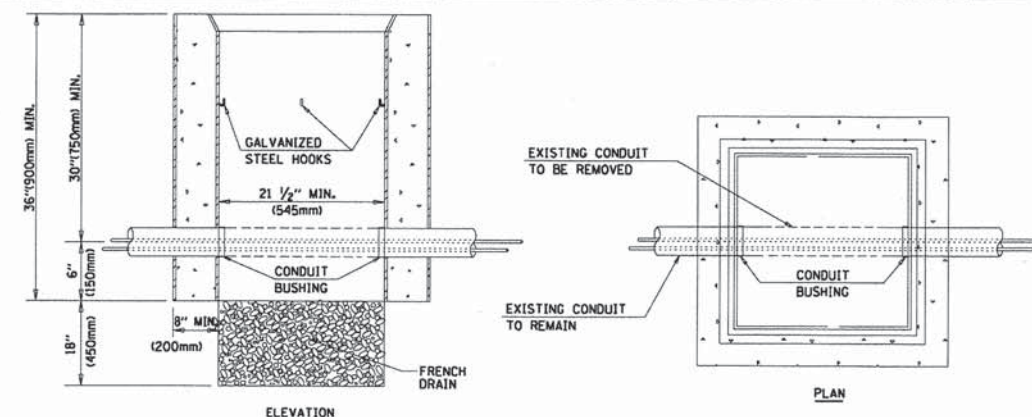
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFIED THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.

NOTE:

SUPPORT EXISTING CABINET AND CONTROL EQUIPMENT ABOVE FOUNDATION TO KEEP TRAFFIC SIGNAL FUNCTIONING WHILE FOUNDATION MODIFICATION WORK IS PROCEEDING.



MODIFY EXISTING TYPE "D" FOUNDATION



NOTES:

1. HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
2. REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCLUDED WITH THE COST OF THE HANDHOLE.

HANDHOLE TO INTERCEPT EXISTING CONDUIT

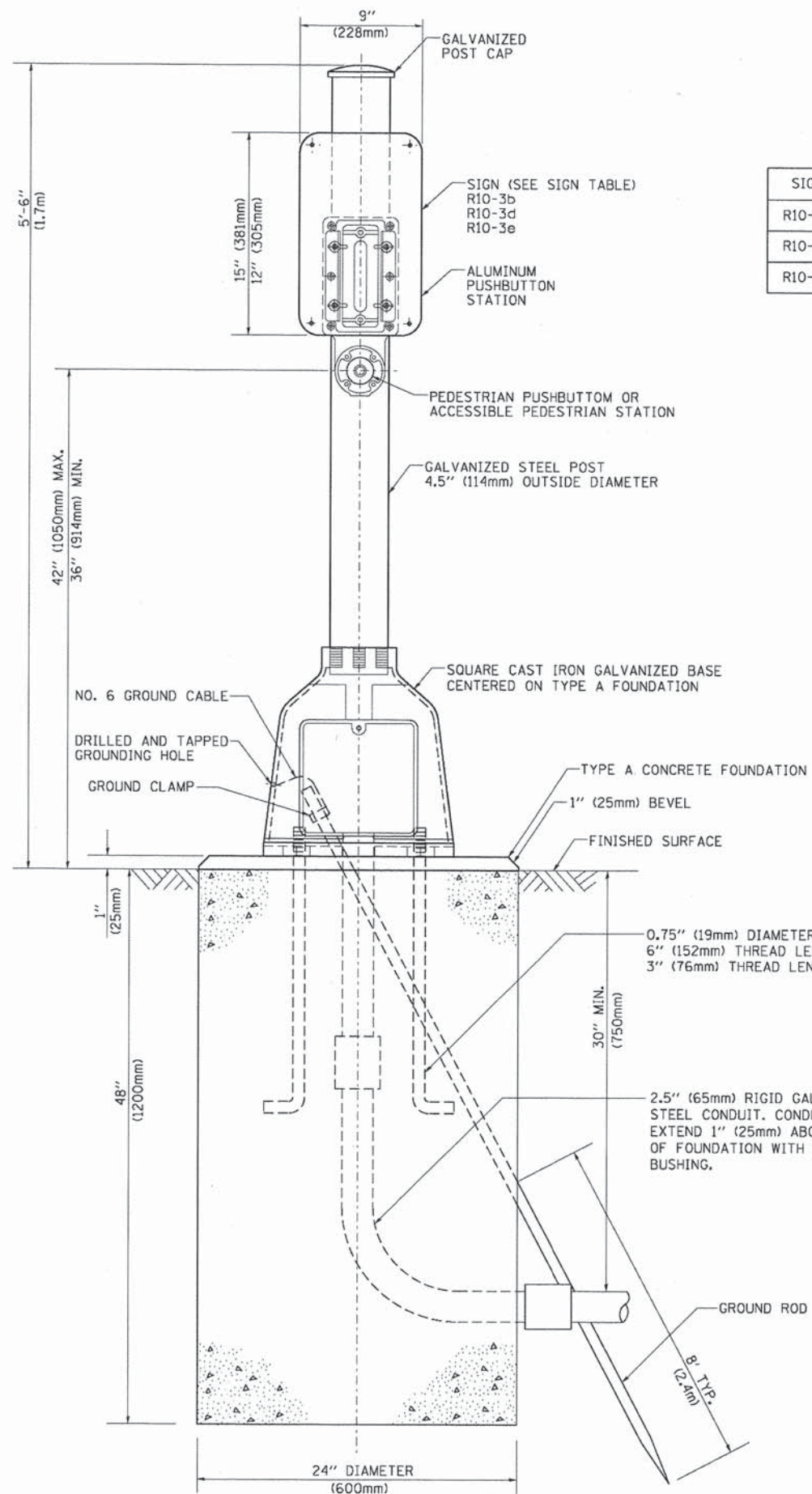
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	PLOT SCALE = 50.0000' / 1"	CHECKED - DAD	REVISED -
	PLOT DATE = 1/13/2014	DATE - 10-28-09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

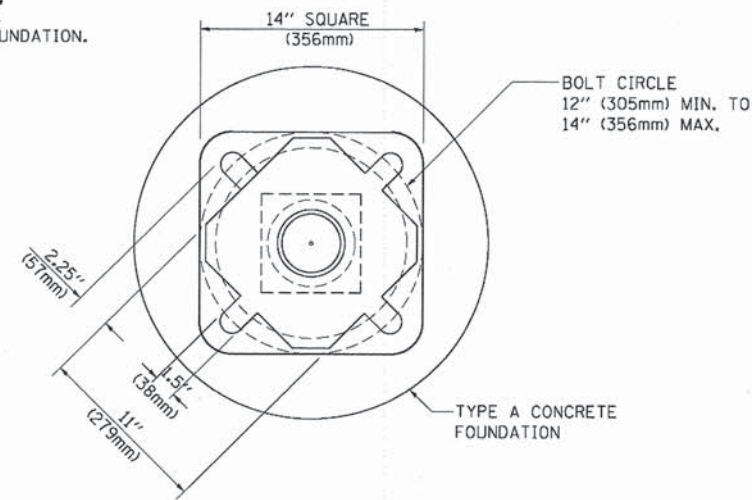
SCALE: NONE SHEET NO. 35 OF 36 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	196
TS-05		CONTRACT NO. 63849		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



SIGN TABLE

SIGN	DIMENSIONS
R10-3b	9" (228mm) X 12" (305mm)
R10-3d	9" (228mm) X 12" (305mm)
R10-3e	9" (228mm) X 15" (381mm)



BOLT PATTERN
PEDESTRIAN PUSH BUTTON POST, TYPE A

FILE NAME =	USER NAME = foatemj	DESIGNED - DAG	REVISED - DAG 1-1-14
c:\pwork\pwork\foatemj\1108315\ts05.dgn		DRAWN - GND	REVISED -
		CHECKED - DAD	REVISED -
		DATE - 10/1/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

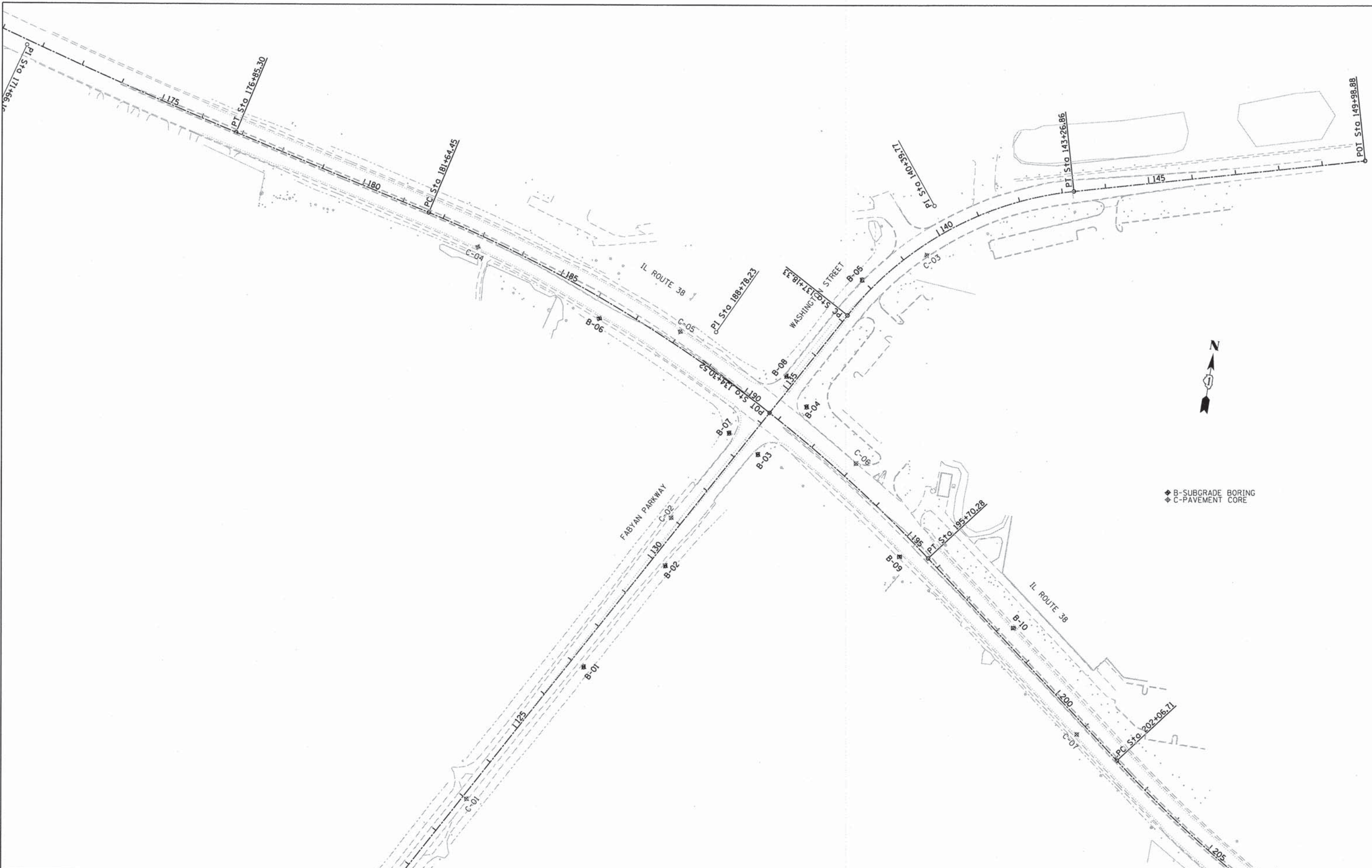
SCALE: NONE SHEET NO. 36 OF 36 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	197
TS-05		CONTRACT NO. 63849		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PLAN	DATE
NO.	
BY	
DATE	
NO.	
BY	
DATE	
NO.	
BY	
DATE	
NO.	

PROFILE	DATE
NO.	
BY	
DATE	
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BY	
DATE	
NO.	

COMPANY NAME: H&R, INC.
 PROJECT CONTACT: DAVID WONG, P.E.
 CLIENT: DUPAGE COUNTY DIVISION OF TRANSPORTATION
 DATE PLOTTED: 8/29/2014 10:13:35 AM
 FILE NAME: 01200994_SHT_CORE_OLD.DGN
 PLOT DRIVER: PEN TABLET
 01200994_PEN_TABLET.tbl



◆ B-SUBGRADE BORING
 ◇ C-PAVEMENT CORE



USER NAME = bzeman	DESIGNED - SB	REVISED -
FILE NAME = 01200994_SHT_CORE_01.DGN	DRAWN - SB	REVISED -
PLDT SCALE = 100.0000' / 1" =	CHECKED - AJP	REVISED -
PLDT DATE = 8/29/2014	DATE - 08-18-14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORINGS PLAN
FABYAN PARKWAY, WASHINGTON STREET, AND IL 38
 SCALE: NTS SHEET NO. 1 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	198
CONTRACT NO. 63849				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SOIL BORING LOG

ROUTE IL-38 DESCRIPTION Fabyan Parkway Improvements LOGGED BY JZ

SECTION 11-00210-04-CH LOCATION SEC. 8, TWP. T39N, RNG. R9E, 3rd PM

COUNTY Dupage DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.	DEPTH (ft)	BLOW (blows/ft)	UCS (tsf)	MOIST (%)	DESCRIPTION	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After Hrs.
	754.78				5.0" TOPSOIL-black	n/a	n/a				
		3			CLAY with Gravel-dark brown-stiff (Fill)						
	752.70	5	2.0	16							
		6	P								
		5			SILTY CLAY LOAM-brown-very stiff to hard						
		6	3.5	15							
		9	B								
		5									
		7	5.5	16							
		9	B								
		8									
		11	4.5	18							
	745.20	15	P								
					End Of Boring @ -10.0'. Boring backfilled with cuttings.						

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

SOIL BORING LOG

ROUTE IL-38 DESCRIPTION Fabyan Parkway Improvements LOGGED BY JZ

SECTION 11-00210-04-CH LOCATION SEC. 8, TWP. T39N, RNG. R9E, 3rd PM

COUNTY Dupage DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.	DEPTH (ft)	BLOW (blows/ft)	UCS (tsf)	MOIST (%)	DESCRIPTION	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After Hrs.
	754.20				12.0" CRUSHED STONE with CLAY-black	n/a	n/a				
		3			SILTY CLAY LOAM-dark brown-stiff to very stiff						
		5	1.9	20							
		5	B								
		5									
		6	2.0	21							
		8	P								
		2			becoming brown & gray @ -6.0'						
		3	1.5	26							
	747.70	3	B		CLAY-brown & gray-hard						
		5									
		7	5.0	15							
		7	B								
	745.20				End Of Boring @ -10.0'. Boring backfilled with cuttings.						

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

DATE: _____ BY: _____
 SURVEYED: _____
 PLOTTED: _____
 CHECKED: _____
 PLAN NO.: _____

DATE: _____ BY: _____
 SURVEYED: _____
 PLOTTED: _____
 CHECKED: _____
 PROFILE NO.: _____

COMPANY NAME: GSI, INC.
 PROJECT CONTACT: GSI, INC.
 CLIENT: DUPAGE COUNTY, DIVISION OF TRANSPORTATION
 DATE PLOTTED: 8/29/2014 11:30:00 AM
 FILE NAME: D:\200994-SHT_CORE_GLDON
 PLOT DRIVER: D:\200994-FEN_TABLE.tbl



USER NAME = bzeman	DESIGNED - SB	REVISED -
FILE NAME = D:\200994-SHT_CORE_03.DGN	DRAWN - SB	REVISED -
PLOT SCALE = 1.0000' / 1"	CHECKED - AJP	REVISED -
PLOT DATE = 8/29/2014	DATE - 08-18-14	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SOIL BORINGS
 FABYAN PARKWAY, WASHINGTON STREET, AND IL 38
 SCALE: NTS SHEET NO. 3 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	11-00210-04-CH	DUPAGE	304	200
			CONTRACT NO. 63849	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				