

STAGE 3

MAINTENANCE OF TRAFFIC ALONG JACKSON BOULEVARD AND ADAMS STREET

- CONTINUE MAINTENANCE OF DETOURS FOR JACKSON BOULEVARD AND JACKSON BOULEVARD EXIT AND ENTRANCE RAMP TO I-90/94.
- CONTINUE MAINTENANCE OF DETOURS FOR ADAMS STREET AND ENTRANCE RAMP TO I-90/94.
- WORK ON THE ALLEY BETWEEN ADAMS STREET AND MONROE STREET WHICH SHALL BE STAGE CONSTRUCTED WITH THE NORTH SECTION AND SOUTH SECTION BEING CONSTRUCTED IN DIFFERENT STAGES. THE BREAK IN THE SECTIONS SHALL BE APPROXIMATELY THE DRIVEWAY TO THE EAST AT STATION 42+33. ACCESS TO THIS DRIVEWAY SHALL BE MAINTAINED AT ALL TIMES.

MAINTENANCE OF TRAFFIC OF I-90/94 BY CONTRACT 62A76 (NORTHBOUND I-90/94) AND CONTRACT 62A77 (SOUTHBOUND I-90/94)

- CONTRACT 62A76 TRAFFIC IS SHIFTED TOWARD MEDIAN AREA AS SHOWN ON THE PLANS.
- CONTRACT 62A77 CONTINUES STAGE CONSTRUCTION OF THE PAVEMENT ON THE OUTSIDE MAIN LINE LANES WITH TRAFFIC SHIFTED TOWARD THE MEDIAN AS SHOWN ON THE PLANS.

CONSTRUCTION TO BE COMPLETED IN STAGE 3

- CONTINUE AND COMPLETE WORK ON SN 016-Z048 (WALL 51), THE OTHER HALF OF THE ALLEY BETWEEN ADAMS STREET AND MONROE STREET, AND THE PORTION OF ADAMS STREET RECONSTRUCTION EAST OF I-90/94. SEE STAGING AND INTERCHANGE RESTRICTIONS SPECIAL PROVISION FOR REQUIREMENTS.
- COMPLETE CONSTRUCTION OF THE JACKSON BOULEVARD BRIDGE PIER 2, ENTRANCE RAMP PIER, NORTH ABUTMENT, AND ENTRANCE RAMP RETAINING WALLS.
- BEGIN AND COMPLETE THE ADAMS STREET PIER 3 CONSTRUCTION.
- BEGIN ADAMS STREET ENTRANCE RAMP PIER, NORTH ABUTMENT AND PORTION OF THE WALL REQUIRED FOR THE ENTRANCE RAMP ABUTMENT AND ALLOWED BY NORTHBOUND MADISON EXIT RAMP STAGING.

ITS

- INSTALL JACKSON ENTRANCE RAMP METER ELEMENTS.
- INSTALL ADAMS ENTRANCE RAMP METER ELEMENTS.

STAGE 4A

MAINTENANCE OF TRAFFIC ALONG JACKSON BOULEVARD AND ADAMS STREET

- CONTINUE MAINTENANCE OF DETOURS FOR JACKSON BOULEVARD AND JACKSON BOULEVARD EXIT AND ENTRANCE RAMP TO I-90/94.
- CONTINUE MAINTENANCE OF DETOURS FOR ADAMS STREET AND ADAMS STREET EXIT AND ENTRANCE RAMP TO I-90/94.

MAINTENANCE OF TRAFFIC OF I-90/94 BY CONTRACT 62A76 (NORTHBOUND I-90/94) AND CONTRACT 62A77 (SOUTHBOUND I-90/94)

- CONTRACT 62A77 TRAFFIC IS SHIFTED TO THE OUTSIDE MAINLINE LANES AS SHOWN ON THE PLANS.

CONSTRUCTION TO BE COMPLETED IN STAGE 4A

- BEGIN THE JACKSON BOULEVARD PIER 1 CONSTRUCTION. SEE AVAILABLE WORK AREAS AND SEQUENCING REQUIREMENTS SPECIAL PROVISION FOR REQUIREMENTS.
- BEGIN THE ADAMS STREET PIER 2 CONSTRUCTION. SEE AVAILABLE WORK AREAS AND SEQUENCING REQUIREMENTS SPECIAL PROVISION FOR REQUIREMENTS.
- COMPLETE ADAMS STREET ENTRANCE RAMP PIER, NORTH ABUTMENT AND MSE WALL.

ITS

- BEGIN INSTALLATION OF ADAMS ENTRANCE RAMP METER ELEMENTS.

STAGE 4B

MAINTENANCE OF TRAFFIC ALONG JACKSON BOULEVARD AND ADAMS STREET

- CONTINUE MAINTENANCE OF DETOURS FOR JACKSON BOULEVARD AND JACKSON BOULEVARD EXIT AND ENTRANCE RAMP TO I-90/94.
- CONTINUE MAINTENANCE OF DETOURS FOR ADAMS STREET AND ADAMS STREET EXIT AND ENTRANCE RAMP TO I-90/94.

MAINTENANCE OF TRAFFIC OF I-90/94 BY CONTRACT 62A76 (NORTHBOUND I-90/94) AND CONTRACT 62A77 (SOUTHBOUND I-90/94)

- CONTRACT 62A76 TRAFFIC IS REDUCED TO TWO LANES IN THE MAINLINE LANES WITH TWO LANES OPEN IN THE C-D ROAD AS SHOWN ON THE PLANS.
- CONTRACT 62A77 TRAFFIC IS ON THE OUTSIDE MAINLINE LANES AS SHOWN ON THE PLANS.
- CONTRACT 62A76 WILL, FOR ONE EXTENDED OVERNIGHT WEEKEND CLOSURE, SATURDAY 10:00 PM TO SUNDAY 10:00 AM, PROVIDE A WORK ZONE ON THE OUTSIDE OF NORTHBOUND I-90/94 FOR CONTRACT 60X94 PLACEMENT OF SHORING TOWER FOR JACKSON ENTRANCE RAMP GIRDER ERECTION.

CONSTRUCTION TO BE COMPLETED IN STAGE 4B

- COMPLETE THE JACKSON BOULEVARD PIER 1 CONSTRUCTION. SEE AVAILABLE WORK AREAS AND SEQUENCING REQUIREMENTS SPECIAL PROVISION FOR REQUIREMENTS.
- COMPLETE THE ADAMS STREET PIER 2 CONSTRUCTION. SEE AVAILABLE WORK AREAS AND SEQUENCING REQUIREMENTS SPECIAL PROVISION FOR REQUIREMENTS.
- BEGIN THE ADAMS STREET BRIDGE, ADAMS STREET ENTRANCE RAMP, JACKSON BOULEVARD BRIDGE, AND JACKSON BOULEVARD ENTRANCE RAMP BEAM AND DIAPHRAGMS STEEL ERECTION.
- BEGIN THE ADAMS STREET BRIDGE, ADAMS STREET ENTRANCE RAMP, JACKSON BOULEVARD BRIDGE, AND JACKSON BOULEVARD ENTRANCE RAMP DECK WORK.

ITS

- COMPLETE INSTALLATION OF ADAMS ENTRANCE RAMP METER ELEMENTS.

STAGE 5

MAINTENANCE OF TRAFFIC ALONG JACKSON BOULEVARD AND ADAMS STREET

- CONTINUE MAINTENANCE OF DETOURS FOR JACKSON BOULEVARD AND JACKSON BOULEVARD EXIT AND ENTRANCE RAMP TO I-90/94.
- CONTINUE MAINTENANCE OF DETOURS FOR ADAMS STREET AND ADAMS STREET EXIT AND ENTRANCE RAMP TO I-90/94.

MAINTENANCE OF TRAFFIC OF I-90/94 BY CONTRACT 62A76 (NORTHBOUND I-90/94) AND CONTRACT 62A77 (SOUTHBOUND I-90/94)

- CONTRACT 62A76 TRAFFIC IS REDUCED TO TWO LANES ON I-90/94 MAINLINE LANES WITH TRAFFIC SHIFTED TOWARD THE CENTER MEDIAN. TWO LANES ARE OPEN IN THE C-D ROAD. RAMP WN IS CLOSED. TRAFFIC STAGING IS AS SHOWN ON THE PLANS.
- CONTRACT 62A77 TRAFFIC IS ON THE OUTSIDE MAINLINE LANES AS SHOWN ON THE PLANS.

CONSTRUCTION TO BE COMPLETED IN STAGE 5

- COMPLETE THE ADAMS STREET BRIDGE, ADAMS STREET ENTRANCE RAMP, JACKSON BOULEVARD BRIDGE, AND JACKSON BOULEVARD ENTRANCE RAMP BEAM AND DIAPHRAGMS STEEL ERECTION.
- COMPLETE JACKSON BOULEVARD BRIDGE AND RAMP DECK.
- COMPLETE JACKSON BOULEVARD APPROACH PAVEMENT AND PAVEMENT RECONSTRUCTION. REMOVE DETOURS FOR JACKSON BOULEVARD AND JACKSON BOULEVARD EXIT RAMP AND OPEN JACKSON BOULEVARD BRIDGE AND EXIT RAMP TO TRAFFIC.
- COMPLETE ADAMS STREET BRIDGE AND RAMP DECK.
- COMPLETE ADAMS STREET APPROACH PAVEMENT AND PAVEMENT RECONSTRUCTION. REMOVE DETOURS FOR ADAMS STREET AND ADAMS STREET EXIT RAMP AND OPEN TO TRAFFIC.
- A PEDESTRIAN ACCESS ROUTE MUST BE MAINTAINED TO ALL PROPERTIES AT ALL TIMES.

LIGHTING

- INSTALL THE ADAMS STREET BRIDGE UNDERPASS LIGHTING SYSTEM.
- INSTALL THE JACKSON BOULEVARD BRIDGE UNDERPASS LIGHTING SYSTEM.

STAGE 6

MAINTENANCE OF TRAFFIC ALONG JACKSON BOULEVARD AND ADAMS STREET

- CONTINUE MAINTENANCE OF DETOUR FOR JACKSON BOULEVARD ENTRANCE RAMP TO I-90/94.
- CONTINUE MAINTENANCE OF DETOUR FOR ADAMS STREET ENTRANCE RAMP TO I-90/94.

MAINTENANCE OF TRAFFIC OF I-90/94 BY CONTRACT 62A76 (NORTHBOUND I-90/94) AND CONTRACT 62A77 (SOUTHBOUND I-90/94)

- CONTRACT 62A76 TRAFFIC HAS THREE LANES ON MAINLINE LANES AND ONE LANE OPEN ON THE C-D ROAD AS SHOWN ON THE PLANS.
- CONTRACT 62A77 TRAFFIC IS ON THE OUTSIDE MAINLINE LANES AS SHOWN ON THE PLANS.

CONSTRUCTION TO BE COMPLETED IN STAGE 6

- COMPLETE JACKSON BOULEVARD ENTRANCE RAMP WORK.
- COMPLETE ADAMS STREET ENTRANCE RAMP WORK.
- REMOVE DETOURS FOR JACKSON BOULEVARD ENTRANCE RAMP AND OPEN TO TRAFFIC.
- REMOVE DETOURS FOR ADAMS STREET ENTRANCE RAMP AND OPEN TO TRAFFIC.

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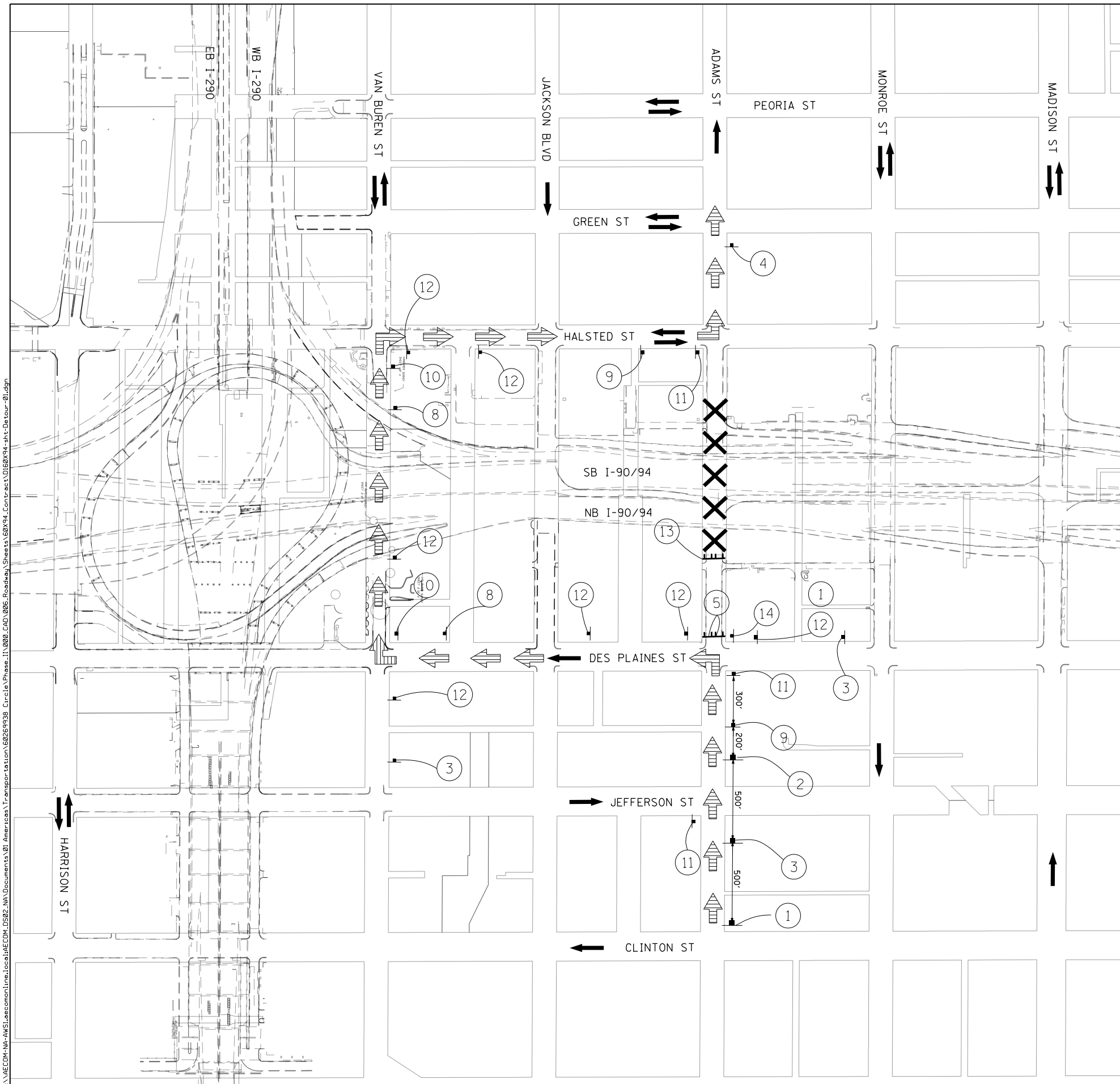
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PLOT DATE = 3/6/2020	DATE - 3-13-2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
NARRATIVE**

SCALE: NONE SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-15R&B-R	COOK	825	103
CONTRACT NO. 60X94			ILLINOIS FED. AID PROJECT	



LEGEND

- TEMPORARY SIGN
- SIGN BARRICADE TYPE III
- DIRECTION OF TRAFFIC
- ADAMS STREET DETOUR ROUTE
- CLOSURE AREA

SCALE: 1" = 150'

DETOUR SIGNS TYPE & SIZE
(ALL SIGN COLORS SHALL BE ACCORDING TO THE LATEST EDITION OF THE MUTCD)

W20-3 48"x48" *
ADAMS STREET *
CUSTOM SPECIAL SEE SHEET 115 FOR DETAILS

W20-3 48"x48"
M4-10L 48"x18" *
DETOUR

W20-2 48"x48"
R11-2 48"x30"
ROAD CLOSED

M4-9L 30"x24"
M4-8A 24"x18"
END DETOUR

M4-9R 30"x24"
R11-4 60"x30"
ROAD CLOSED TO THRU TRAFFIC

R3-1 24"x24"
R3-2 24"x24"
DETOUR

M4-9 30"x24"
DETOUR

M3-2 24" X 12"
EAST

M3-4 24" X 12"
WEST

M5-1R 30"x24"
DETOUR

M5-1L 30"x24"
DETOUR

* TO BE PAID AS TEMPORARY INFORMATION SIGNING

SIGN ASSEMBLIES

- TRAFFIC CONTROL NOTES**
1. THE PROPOSED DETOUR SIGNING SHALL BE INSTALLED PRIOR TO ANY CLOSURE OF ADAMS STREET.
 2. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
 3. ANY EXISTING SIGNS THAT CONTRADICT THE DETOUR SIGNAGE AS SHOWN ON THE PLANS SHALL BE COVERED PRIOR TO OPENING THE DETOUR ROUTE. THIS WORK SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION (SPECIAL)" AND WILL NOT BE PAID FOR SEPARATELY. THE SIGN COVERS SHALL BE REMOVED AT THE SAME TIME AS THE DETOUR ROUTE SIGNS ARE REMOVED OR COVERED.
 4. ALL SIGNAGE SHALL BE IN ACCORDANCE WITH THE LATEST ILLINOIS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, "THE QUALITY STANDARD FOR WORK ZONE TRAFFIC CONTROL DEVICES", THE DETAILS OF THESE PLANS, THE "2009 MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", THE SPECIAL PROVISION FOR "TRAFFIC CONTROL AND PROTECTION (ARTERIALS)" AND HIGHWAY STANDARDS 701901.
 5. THE SIGNAGE SHOWN ON THE PLANS IS DEEMED TO BE THE MINIMUM REQUIRED. THE CONTRACTOR SHALL MAKE ALL CHANGES DEEMED NECESSARY BY THE ENGINEER. ADDITIONS AND DELETIONS OF TRAFFIC CONTROL FOR THIS DETOUR SHALL BE CONSIDERED INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION (SPECIAL)" AND WILL NOT BE PAID FOR SEPARATELY.
 6. ALL SIGNS SHOWN SHALL BE FURNISHED, ERECTED, AND MAINTAINED BY THE CONTRACTOR. WHEN SIGNS ARE POST-MOUNTED IN THE GROUND THEY SHALL BE INSTALLED PER ARTICLE 701.4 OF THE STANDARD SPECIFICATIONS AND STANDARD 701901 UNLESS OTHERWISE APPROVED BY THE ENGINEER.



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PLOT DATE = 3/6/2020

DESIGNED - MJL
DRAWN - JRM
CHECKED - JMG
DATE - 3-13-2020

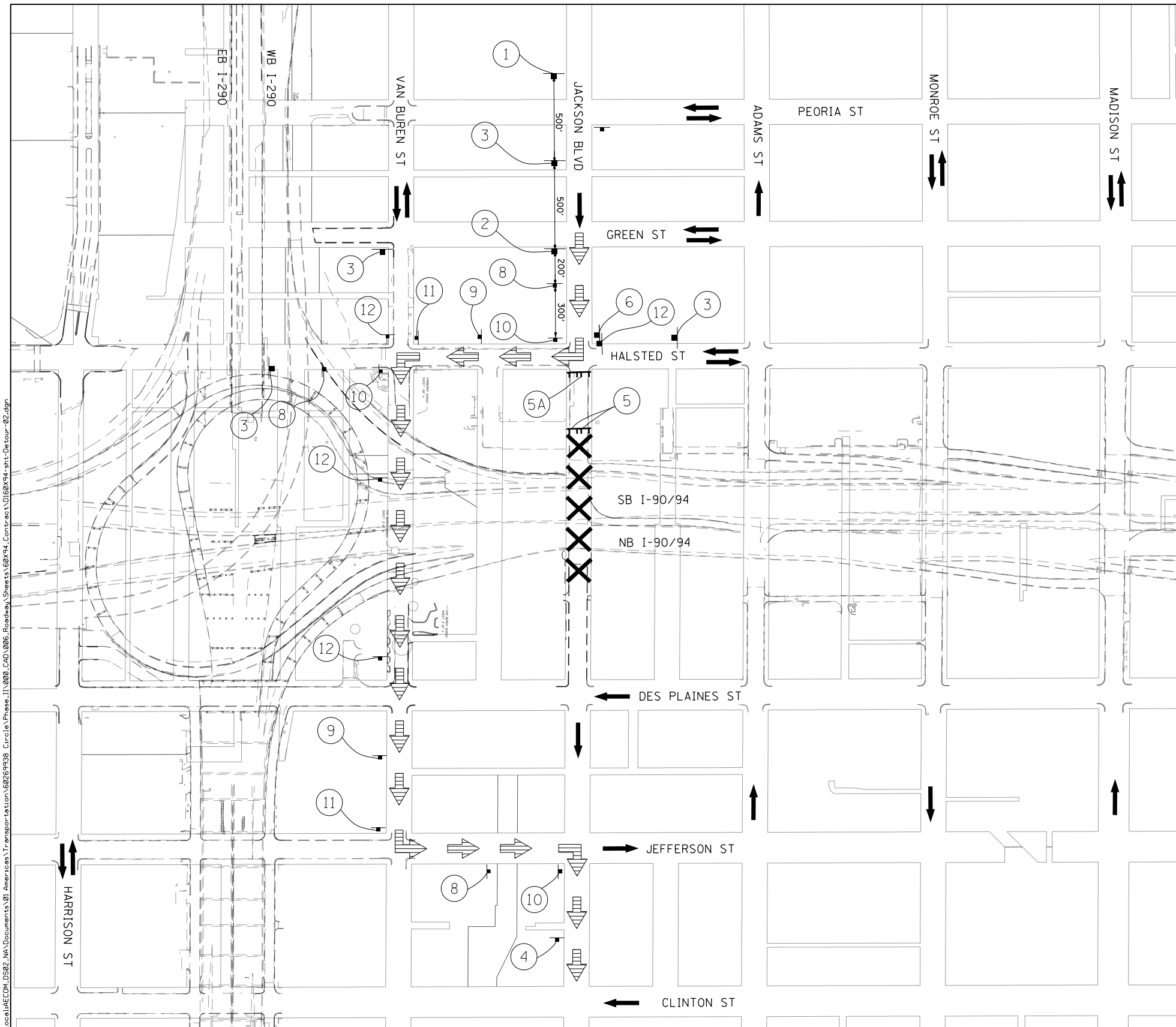
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETOUR PLAN
ADAMS STREET BRIDGE**

SCALE: 1"=150' SHEET 1 OF 9 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	105
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				



LEGEND

- TEMPORARY SIGN
- SIGN BARRICADE TYPE III
- CLOSURE AREA
- DIRECTION OF TRAFFIC
- JACKSON BOULEVARD DETOUR ROUTE

SCALE: 1" = 150'

DETOUR SIGNS TYPE & SIZE
 (ALL SIGN COLORS SHALL BE ACCORDING TO THE LATEST EDITION OF THE MUTCD)

W20-3 48"x48"	W20-3 48"x48"	W20-2 48"x48"	M4-9L 30"x24"	M4-9R 30"x24"
W20-3 48"x48"	M4-10L 48"x18"	R11-2 48"x30"	M4-8A 24"x18"	R11-4 60"x30"
R3-1 24"x24"	R3-2 24"x24"	M4-9 30"x24"	M3-2 24" X 12"	M5-1R 30"x24"
				M5-1L 30"x24"
			M3-4 24" X 12"	

* TO BE PAID AS TEMPORARY INFORMATION SIGNING

SIGN ASSEMBLIES

- TRAFFIC CONTROL NOTES**
1. THE PROPOSED DETOUR SIGNING SHALL BE INSTALLED PRIOR TO ANY CLOSURE OF JACKSON BOULEVARD.
 2. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
 3. ANY EXISTING SIGNS THAT CONTRADICT THE DETOUR SIGNAGE AS SHOWN ON THE PLANS SHALL BE COVERED PRIOR TO OPENING THE DETOUR ROUTE. THIS WORK SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION (SPECIAL)" AND WILL NOT BE PAID FOR SEPARATELY. THE SIGN COVERS SHALL BE REMOVED AT THE SAME TIME AS THE DETOUR ROUTE SIGNS ARE REMOVED OR COVERED.
 4. ALL SIGNAGE SHALL BE IN ACCORDANCE WITH THE LATEST ILLINOIS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, "THE QUALITY STANDARD FOR WORK ZONE TRAFFIC CONTROL DEVICES", THE DETAILS OF THESE PLANS, THE "2009 MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", THE SPECIAL PROVISION FOR "TRAFFIC CONTROL AND PROTECTION (ARTERIALS)" AND HIGHWAY STANDARDS 701901.
 5. THE SIGNAGE SHOWN ON THE PLANS IS DEEMED TO BE THE MINIMUM REQUIRED. THE CONTRACTOR SHALL MAKE ALL CHANGES DEEMED NECESSARY BY THE ENGINEER. ADDITIONS AND DELETIONS OF TRAFFIC CONTROL FOR THIS DETOUR SHALL BE CONSIDERED INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION (SPECIAL)" AND WILL NOT BE PAID FOR SEPARATELY.
 6. ALL SIGNS SHOWN SHALL BE FURNISHED, ERECTED, AND MAINTAINED BY THE CONTRACTOR. WHEN SIGNS ARE POST-MOUNTED IN THE GROUND THEY SHALL BE INSTALLED PER ARTICLE 701.4 OF THE STANDARD SPECIFICATIONS AND STANDARD 701901 UNLESS OTHERWISE APPROVED BY THE ENGINEER.

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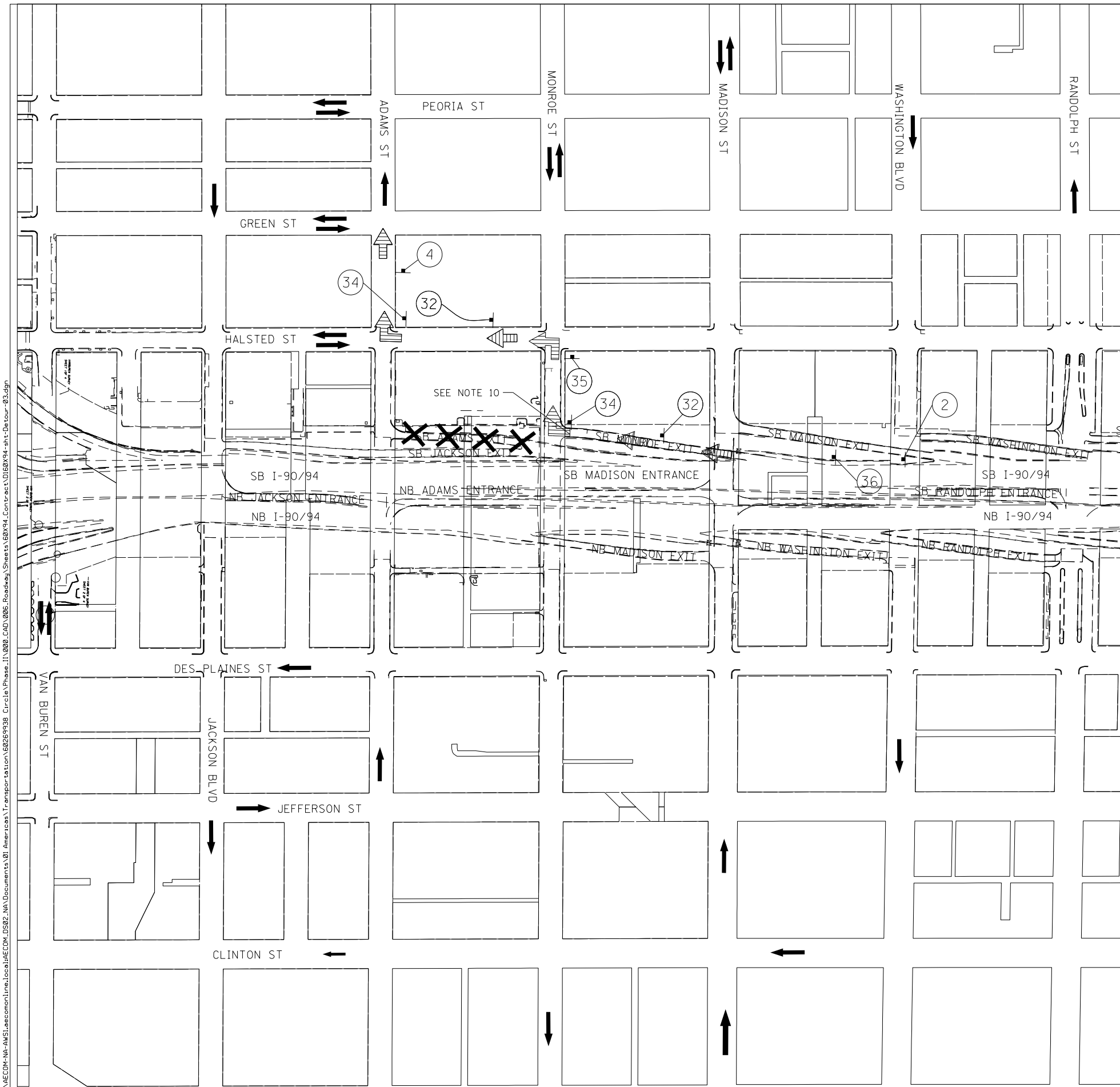
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETOUR PLAN
JACKSON BOULEVARD BRIDGE**

SCALE: 1"=150' SHEET 2 OF 9 SHEETS STA. TO STA.

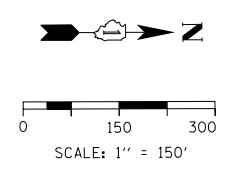
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	106
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				

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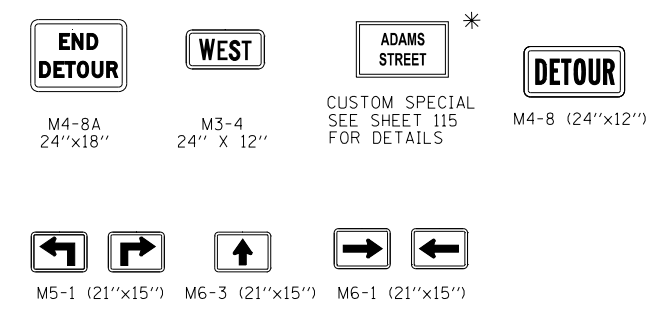
LEGEND

- TEMPORARY SIGN
- SIGN BARRICADE TYPE III
- DIRECTION OF TRAFFIC
- SOUTHBOUND ADAMS ST EXIT DETOUR ROUTE
- CLOSURE AREA



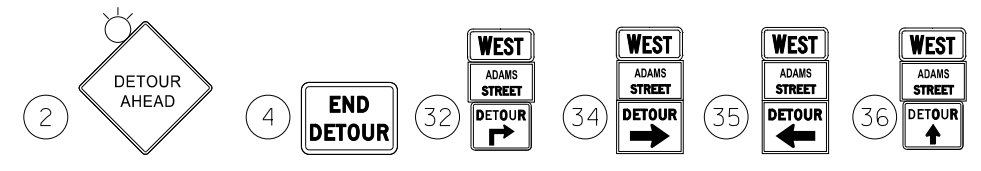
DETOUR SIGNS TYPE & SIZE

(ALL SIGN COLORS SHALL BE ACCORDING TO THE LATEST EDITION OF THE MUTCD)



* TO BE PAID AS TEMPORARY INFORMATION SIGNING

SIGN ASSEMBLIES



TRAFFIC CONTROL NOTES

1. THE PROPOSED DETOUR SIGNING SHALL BE INSTALLED PRIOR TO THE CLOSURE OF THE ADAMS STREET EXIT RAMP.
2. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
3. ANY EXISTING SIGNS THAT CONTRADICT THE DETOUR SIGNAGE AS SHOWN ON THE PLANS SHALL BE COVERED PRIOR TO OPENING THE DETOUR ROUTE. THIS WORK SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION (SPECIAL)" AND WILL NOT BE PAID FOR SEPARATELY. THE SIGN COVERS SHALL BE REMOVED AT THE SAME TIME AS THE DETOUR ROUTE SIGNS ARE REMOVED.
4. ALL SIGNAGE SHALL BE IN ACCORDANCE WITH THE LATEST ILLINOIS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, "THE QUALITY STANDARD FOR WORK ZONE TRAFFIC CONTROL DEVICES", THE DETAILS OF THESE PLANS, THE "2009 MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", THE SPECIAL PROVISION FOR "TRAFFIC CONTROL AND PROTECTION (ARTERIALS)" AND HIGHWAY STANDARDS 701901.
5. THE SIGNAGE SHOWN ON THE PLANS IS DEEMED TO BE THE MINIMUM REQUIRED. THE CONTRACTOR SHALL MAKE ALL CHANGES DEEMED NECESSARY BY THE ENGINEER. ADDITIONS AND DELETIONS OF TRAFFIC CONTROL FOR THIS DETOUR SHALL BE CONSIDERED INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION (SPECIAL)" AND WILL NOT BE PAID FOR SEPARATELY.
6. ALL SIGNS SHOWN SHALL BE FURNISHED, ERECTED, AND MAINTAINED BY THE CONTRACTOR. WHEN SIGNS ARE POST-MOUNTED IN THE GROUND THEY SHALL BE INSTALLED PER ARTICLE 701.14 OF THE STANDARD SPECIFICATIONS AND STANDARD 701901 UNLESS OTHERWISE APPROVED BY THE ENGINEER.
7. ALL DETOUR SIGNS SHALL BE REMOVED ONCE CONTRACTOR ACCESS IS NO LONGER REQUIRED ON THE ADAMS STREET EXIT RAMP AND THE RAMP IS OPENED TO TRAFFIC.
8. RAMP CLOSURE SHALL FOLLOW THE LATEST VERSION OF THE IDOT HIGHWAY STANDARDS AND DISTRICT 1 STANDARD DETAIL TC-08.



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 PLOT SCALE = 300.0000' / in.
 PLOT DATE = 3/6/2020

DESIGNED - MJL
 DRAWN - JRM
 CHECKED - JMG
 DATE - 3-13-2020

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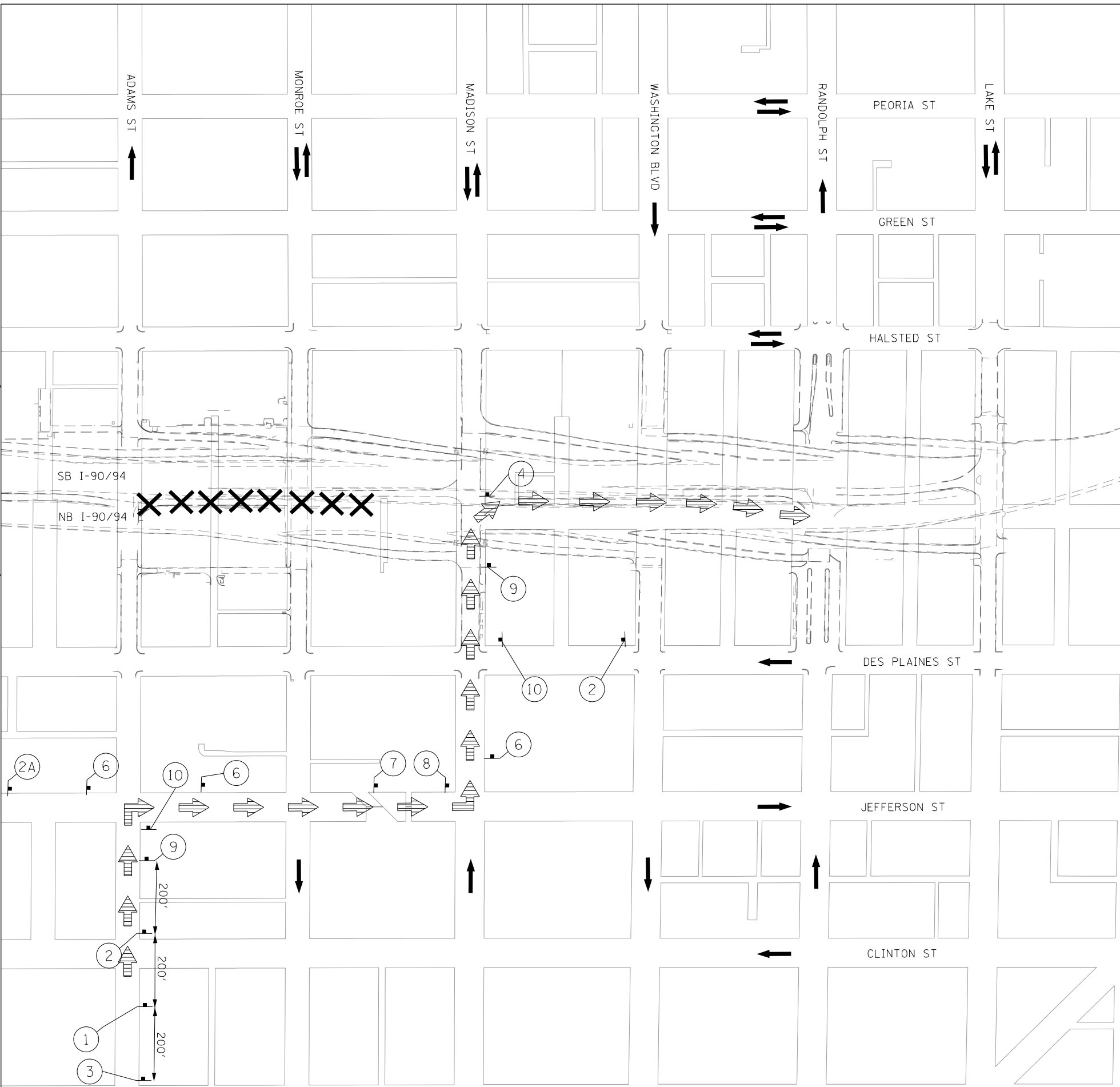
**DETOUR PLAN
 ADAMS STREET EXIT RAMP**

SCALE: 1"=150' SHEET 3 OF 9 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	107
CONTRACT NO. 60X94				

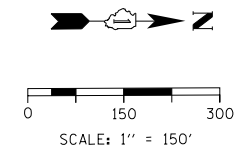
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LEGEND

- TEMPORARY SIGN
- SIGN BARRICADE TYPE III
- DIRECTION OF TRAFFIC
- NORTHBOUND ADAMS STREET ENTRANCE DETOUR ROUTE
- CLOSURE AREA



DETOUR SIGNS TYPE & SIZE

(ALL SIGN COLORS SHALL BE ACCORDING TO THE LATEST EDITION OF THE MUTCD)

DETOUR AHEAD W20-2 (48"x48")	RAMP CLOSED AHEAD W20-30-48 48"x48"	ROAD CONSTRUCTION AHEAD W20-1103-48 48"x48"	RAMP CLOSED R11-2 48"x30"	END DETOUR M4-8A 24"x18"	WEST M3-2 24" X 12"
ADAMS STREET CUSTOM SPECIAL SEE SHEET 115 FOR DETAILS	DETOUR M4-8 (24"x12")	M5-1 (21"x15")	M6-3 (21"x15")	M6-1 (21"x15")	INTERSTATE 90 INTERSTATE 94 MI-1 (24"x24")

SIGN ASSEMBLIES

* TO BE PAID AS TEMPORARY INFORMATION SIGNING

TRAFFIC CONTROL NOTES

1. THE PROPOSED DETOUR SIGNING SHALL BE INSTALLED PRIOR TO THE CLOSURE OF THE ADAMS STREET ENTRANCE RAMP.
2. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
3. ANY EXISTING SIGNS THAT CONTRADICT THE DETOUR SIGNAGE AS SHOWN ON THE PLANS SHALL BE COVERED PRIOR TO OPENING THE DETOUR ROUTE. THIS WORK SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION (SPECIAL)" AND WILL NOT BE PAID FOR SEPARATELY. THE SIGN COVERS SHALL BE REMOVED AT THE SAME TIME AS THE DETOUR ROUTE SIGNS ARE REMOVED.
4. ALL SIGNAGE SHALL BE IN ACCORDANCE WITH THE LATEST ILLINOIS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, "THE QUALITY STANDARD FOR WORK ZONE TRAFFIC CONTROL DEVICES", THE DETAILS OF THESE PLANS, THE "2009 MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", THE SPECIAL PROVISION FOR "TRAFFIC CONTROL AND PROTECTION (ARTERIALS)" AND HIGHWAY STANDARDS 701901.
5. THE SIGNAGE SHOWN ON THE PLANS IS DEEMED TO BE THE MINIMUM REQUIRED. THE CONTRACTOR SHALL MAKE ALL CHANGES DEEMED NECESSARY BY THE ENGINEER. ADDITIONS AND DELETIONS OF TRAFFIC CONTROL FOR THIS DETOUR SHALL BE CONSIDERED INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION (SPECIAL)" AND WILL NOT BE PAID FOR SEPARATELY.
6. ALL SIGNS SHOWN SHALL BE FURNISHED, ERECTED, AND MAINTAINED BY THE CONTRACTOR. WHEN SIGNS ARE POST-MOUNTED IN THE GROUND THEY SHALL BE INSTALLED PER ARTICLE 701.14 OF THE STANDARD SPECIFICATIONS AND STANDARD 701901 UNLESS OTHERWISE APPROVED BY THE ENGINEER.
7. ALL DETOUR SIGNS SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE ON THE ADAMS STREET ENTRANCE RAMP AND THE RAMP IS REOPENED TO TRAFFIC.
8. SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS FOR ADDITIONAL INFORMATION AND ADVANCED RAMP CLOSURE SIGNING.
9. RAMP CLOSURE SHALL FOLLOW THE LATEST VERSION OF THE IDOT HIGHWAY STANDARDS AND DISTRICT 1 STANDARD DETAIL TC-08.



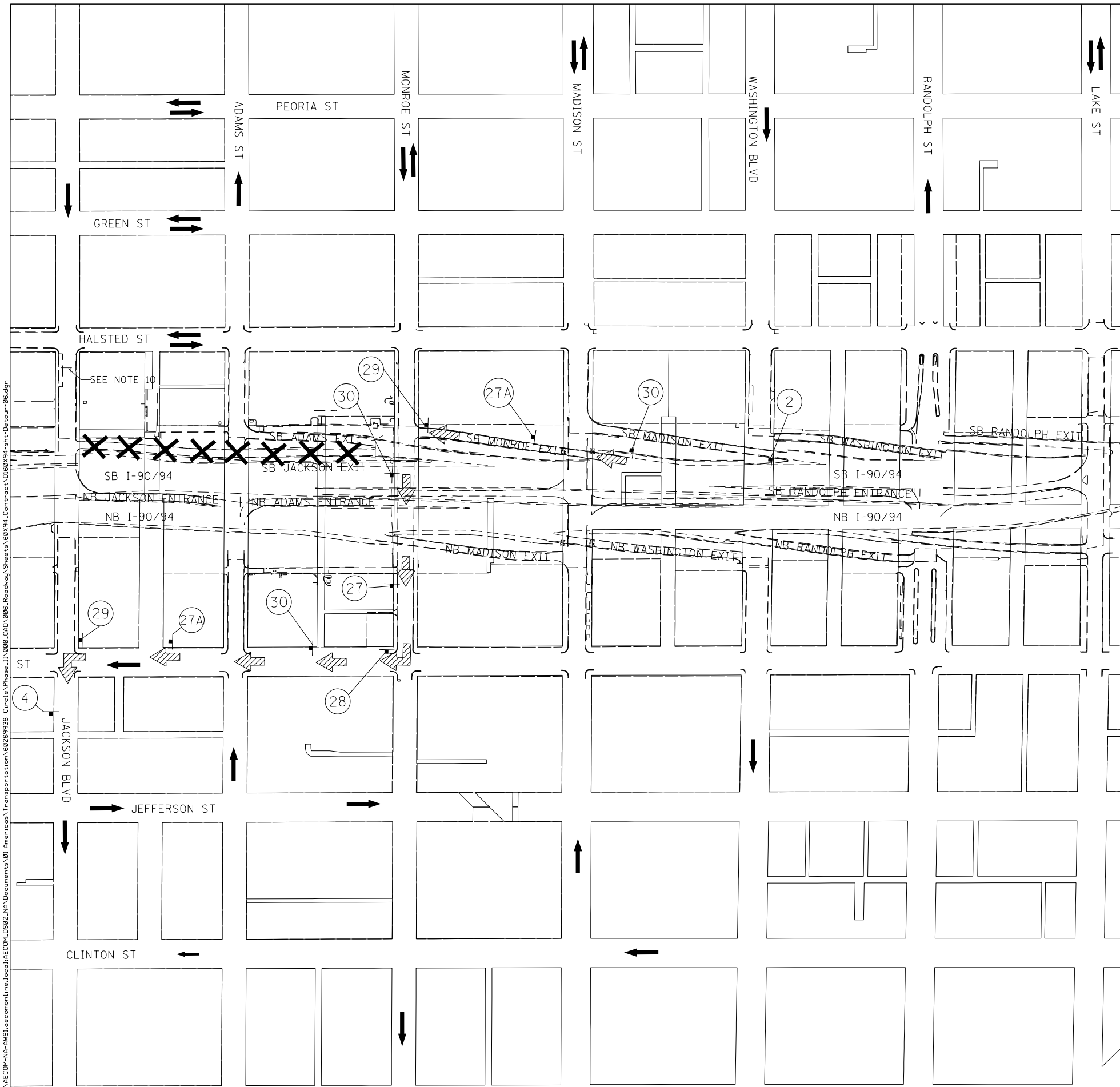
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PLOT SCALE = 300.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 3/6/2020	DATE - 3-13-2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETOUR PLAN
ADAMS STREET ENTRANCE RAMP**

SCALE: 1"=150' SHEET 4 OF 9 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	108
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				



LEGEND

- TEMPORARY SIGN
- SIGN BARRICADE TYPE III
- DIRECTION OF TRAFFIC
- SOUTHBOUND JACKSON BLVD EXIT DETOUR ROUTE
- CLOSURE AREA

SCALE: 1" = 150'

DETOUR SIGNS TYPE & SIZE
 (ALL SIGN COLORS SHALL BE ACCORDING TO THE LATEST EDITION OF THE MUTCD)

M4-8A 24"x18"
 M3-2 24" X 12"
 CUSTOM SPECIAL SEE SHEET 115 FOR DETAILS
 M4-8 (24"x12")

M5-1 (21"x15")
 M6-3 (21"x15")
 M6-1 (21"x15")

* TO BE PAID AS TEMPORARY INFORMATION SIGNING
 ** SIGN NEEDED ONLY WHILE RAMP SE DETOUR IS ALSO IN PLACE UNDER CONTRACTS 62J31 AND 62A77

SIGN ASSEMBLIES

2
 4
 ** 27
 27A
 28
 29
 30

- TRAFFIC CONTROL NOTES**
1. THE PROPOSED DETOUR SIGNING SHALL BE INSTALLED PRIOR TO THE CLOSURE OF THE JACKSON BOULEVARD EXIT RAMP.
 2. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
 3. ANY EXISTING SIGNS THAT CONTRADICT THE DETOUR SIGNAGE AS SHOWN ON THE PLANS SHALL BE COVERED PRIOR TO OPENING THE DETOUR ROUTE. THIS WORK SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION (SPECIAL)" AND WILL NOT BE PAID FOR SEPARATELY. THE SIGN COVERS SHALL BE REMOVED AT THE SAME TIME AS THE DETOUR ROUTE SIGNS ARE REMOVED.
 4. ALL SIGNAGE SHALL BE IN ACCORDANCE WITH THE LATEST ILLINOIS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, "THE QUALITY STANDARD FOR WORK ZONE TRAFFIC CONTROL DEVICES", THE DETAILS OF THESE PLANS, THE "2009 MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", THE SPECIAL PROVISION FOR "TRAFFIC CONTROL AND PROTECTION (ARTERIALS)" AND HIGHWAY STANDARDS 701901.
 5. THE SIGNAGE SHOWN ON THE PLANS IS DEEMED TO BE THE MINIMUM REQUIRED. THE CONTRACTOR SHALL MAKE ALL CHANGES DEEMED NECESSARY BY THE ENGINEER. ADDITIONS AND DELETIONS OF TRAFFIC CONTROL FOR THIS DETOUR SHALL BE CONSIDERED INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION (SPECIAL)" AND WILL NOT BE PAID FOR SEPARATELY.
 6. ALL SIGNS SHOWN SHALL BE FURNISHED, ERECTED, AND MAINTAINED BY THE CONTRACTOR. WHEN SIGNS ARE POST-MOUNTED IN THE GROUND THEY SHALL BE INSTALLED PER ARTICLE 701.14 OF THE STANDARD SPECIFICATIONS AND STANDARD 701901 UNLESS OTHERWISE APPROVED BY THE ENGINEER.
 7. ALL DETOUR SIGNS SHALL BE REMOVED ONCE CONTRACTOR ACCESS IS NO LONGER REQUIRED ON THE JACKSON BOULEVARD EXIT RAMP AND THE RAMP IS REOPENED TO TRAFFIC.
 8. SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS FOR ADDITIONAL INFORMATION AND ADVANCED RAMP CLOSURE SIGNING.
 9. RAMP CLOSURE SHALL FOLLOW THE LATEST VERSION OF THE IDOT HIGHWAY STANDARDS AND DISTRICT 1 STANDARD DETAIL TC-08.



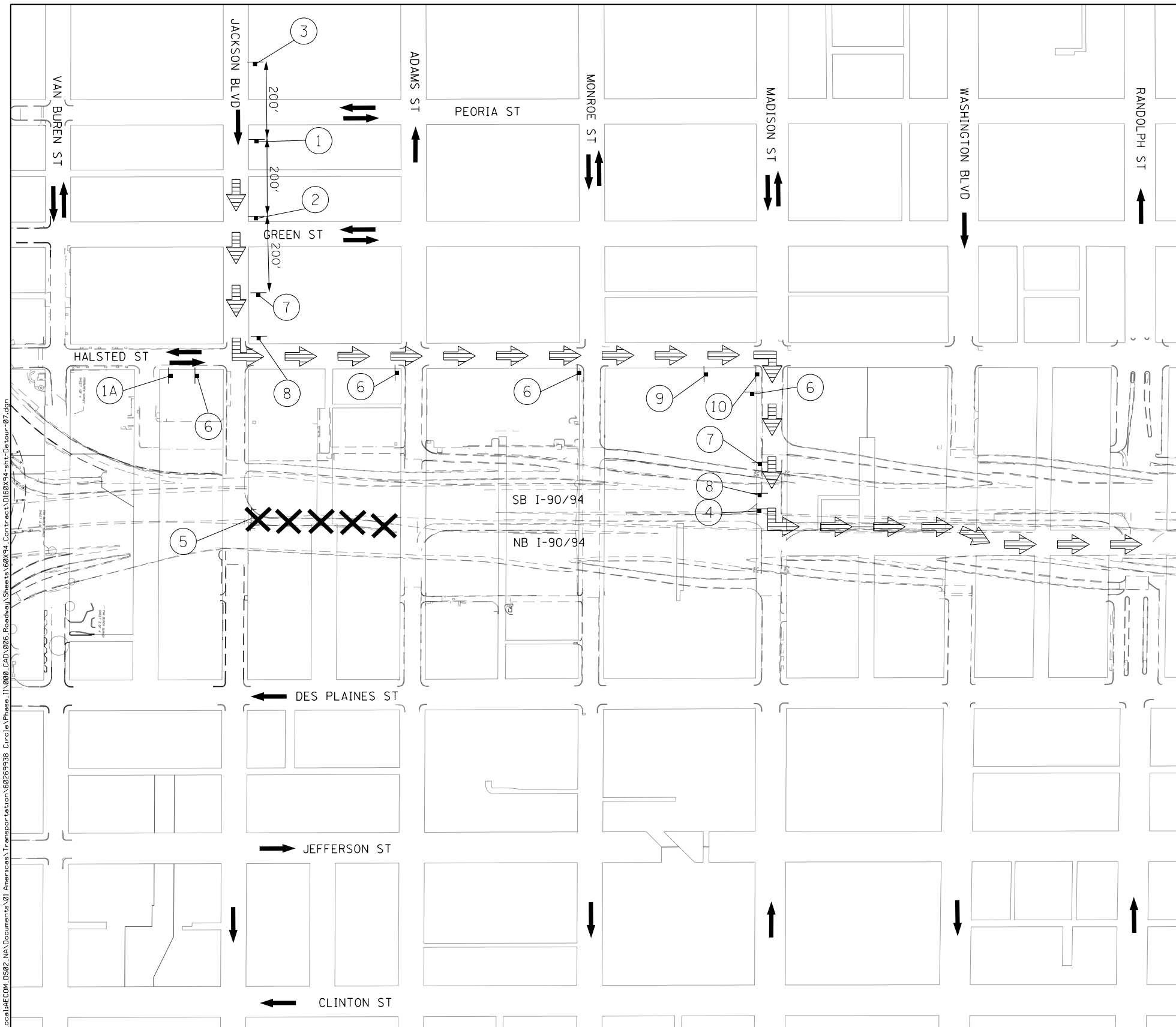
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PLOT DATE = 3/6/2020	DATE - 3-13-2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETOUR PLAN
JACKSON BOULEVARD EXIT RAMP

SCALE: 1"=150' SHEET 5 OF 9 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	109
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				



LEGEND

- TEMPORARY SIGN
- SIGN BARRICADE TYPE III
- DIRECTION OF TRAFFIC
- NORTHBOUND JACKSON BLVD ENTRANCE DETOUR ROUTE
- CLOSURE AREA

SCALE: 1" = 150'

DETOUR SIGNS TYPE & SIZE
 (ALL SIGN COLORS SHALL BE ACCORDING TO THE LATEST EDITION OF THE MUTCD)

W20-2 (48"x48")	W20-30-48 (48"x48")	W20-1103-48 (48"x48")	R11-2 (48"x30")	M4-8A (24"x18")	M3-4 (24"x12")
M4-8 (24"x12")	M5-1 (21"x15")	M6-3 (21"x15")	M6-1 (21"x15")	INTERSTATE 90	INTERSTATE 94

SIGN ASSEMBLIES

- TRAFFIC CONTROL NOTES**
1. THE PROPOSED DETOUR SIGNING SHALL BE INSTALLED PRIOR TO THE CLOSURE OF THE JACKSON BOULEVARD ENTRANCE RAMP.
 2. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
 3. ANY EXISTING SIGNS THAT CONTRADICT THE DETOUR SIGNAGE AS SHOWN ON THE PLANS SHALL BE COVERED PRIOR TO OPENING THE DETOUR ROUTE. THIS WORK SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION (SPECIAL)" AND WILL NOT BE PAID FOR SEPARATELY. THE SIGN COVERS SHALL BE REMOVED AT THE SAME TIME AS THE DETOUR ROUTE SIGNS ARE REMOVED.
 4. ALL SIGNAGE SHALL BE IN ACCORDANCE WITH THE LATEST ILLINOIS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, "THE QUALITY STANDARD FOR WORK ZONE TRAFFIC CONTROL DEVICES", THE DETAILS OF THESE PLANS, THE "2009 MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", THE SPECIAL PROVISION FOR "TRAFFIC CONTROL AND PROTECTION (ARTERIALS)" AND HIGHWAY STANDARDS 701901.
 5. THE SIGNAGE SHOWN ON THE PLANS IS DEEMED TO BE THE MINIMUM REQUIRED. THE CONTRACTOR SHALL MAKE ALL CHANGES DEEMED NECESSARY BY THE ENGINEER. ADDITIONS AND DELETIONS OF TRAFFIC CONTROL FOR THIS DETOUR SHALL BE CONSIDERED INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION (SPECIAL)" AND WILL NOT BE PAID FOR SEPARATELY.
 6. ALL SIGNS SHOWN SHALL BE FURNISHED, ERECTED, AND MAINTAINED BY THE CONTRACTOR. WHEN SIGNS ARE POST-MOUNTED IN THE GROUND THEY SHALL BE INSTALLED PER ARTICLE 701.14 OF THE STANDARD SPECIFICATIONS AND STANDARD 701901 UNLESS OTHERWISE APPROVED BY THE ENGINEER.
 7. ALL DETOUR SIGNS SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE ON THE JACKSON BOULEVARD ENTRANCE RAMP AND THE RAMP IS REOPENED TO TRAFFIC.
 8. SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS FOR ADDITIONAL INFORMATION AND ADVANCED RAMP CLOSURE SIGNING.
 9. RAMP CLOSURE SHALL FOLLOW THE LATEST VERSION OF THE IDOT HIGHWAY STANDARDS AND DISTRICT 1 STANDARD DETAIL TC-08.



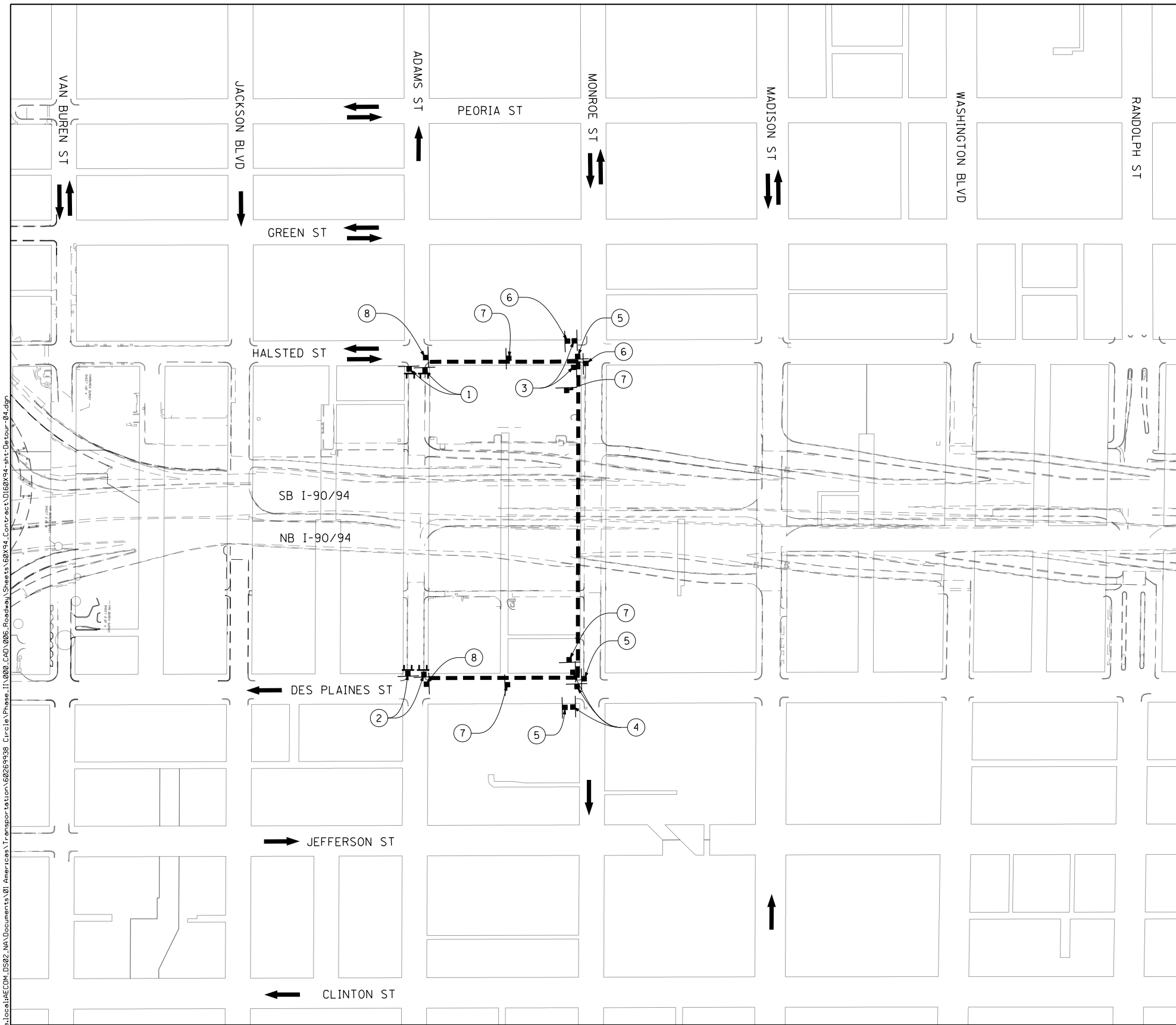
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PLOT DATE = 3/6/2020	DATE - 3-13-2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETOUR PLAN
JACKSON BOULEVARD ENTRANCE RAMP**

SCALE: 1"=150' SHEET 6 OF 9 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	110
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				



LEGEND

- TEMPORARY SIGN
- SIGN BARRICADE TYPE III
- ROADWAY DIRECTION
- DETOUR ROUTE

SCALE: 1" = 150'

SIGNAGE LIST:

- SIDEWALK CLOSED R11-1101 24" X 18"
- EAST M3-2 24" X 12"
- WEST M3-4 24" X 12"
- DETOUR M4-9b (R) 30" X 24"
- DETOUR M4-9b (L) 30" X 24"
- DETOUR M4-9 30" X 24"
- END DETOUR M4-8A 24" X 18"
- ADAMS STREET * CUSTOM SPECIAL SEE SHEET 115 FOR DETAILS
- W11-2 30" X 30"

STATIONING:

- ① SIDEWALK CLOSED
- ② SIDEWALK CLOSED
- ③ EAST ADAMS STREET
- ④ WEST ADAMS STREET
- ⑤ WEST ADAMS STREET
- ⑥ EAST ADAMS STREET
- ⑦ ADAMS STREET
- ⑧ END DETOUR

- * TO BE PAID FOR AS TEMPORARY INFORMATION SIGNING
- NOTES**
1. THE PROPOSED DETOUR SIGNING SHALL BE INSTALLED PRIOR TO CLOSING THE ADAMS STREET SIDEWALKS. THE PROPOSED DETOUR SHALL BE UTILIZED DURING ALL STAGES.
 2. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
 3. ANY EXISTING SIGNS THAT CONTRADICT THE DETOUR SIGNAGE AS SHOWN ON THE PLANS SHALL BE COVERED PRIOR TO OPENING THE DETOUR ROUTE. THIS WORK SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION (SPECIAL)" AND WILL NOT BE PAID FOR SEPARATELY. THE COVERS SHALL BE REMOVED AT THE TIME AT THE DETOUR ROUTE SIGNS ARE REMOVED.
 4. ALL SIGNAGE SHALL BE IN ACCORDANCE WITH THE LATEST ILLINOIS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, "THE QUALITY STANDARD FOR WORK ZONE TRAFFIC CONTROL DEVICES", THE DETAILS OF THESE PLANS, THE "2009 MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", THE SPECIAL PROVISION FOR "TRAFFIC CONTROL AND PROTECTION (ARTERIALS)" AND HIGHWAY STANDARDS 701801 AND 701901.
 5. THE SIGNAGE SHOWN ON THE PLANS IS DEEMED TO BE THE MINIMUM REQUIRED. THE CONTRACTOR SHALL MAKE ALL CHANGES DEEMED NECESSARY BY THE ENGINEER. ADDITIONS AND DELETIONS OF TRAFFIC CONTROL FOR THIS DETOUR SHALL BE CONSIDERED INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION (SPECIAL)" AND WILL NOT BE PAID FOR SEPARATELY.
 6. ALL SIGNS SHOWN SHALL BE FURNISHED, ERECTED, AND MAINTAINED BY THE CONTRACTOR, AND SHALL BE POST-MOUNTED IN THE GROUND PER ARTICLE 701.14 OF THE STANDARD SPECIFICATIONS AND STANDARD 701901.
 7. ALL DETOUR SIGNS SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE SIDEWALK IS TO BE REOPENED TO PEDESTRIANS.



D160X94-sht-Detour-04.dgn USER NAME = v1janachione PLOT SCALE = 300.0000' / in. PLOT DATE = 3/6/2020	DESIGNED - MJL DRAWN - JRM CHECKED - JMG DATE - 3-13-2020	REVISED - REVISED - REVISED - REVISED -
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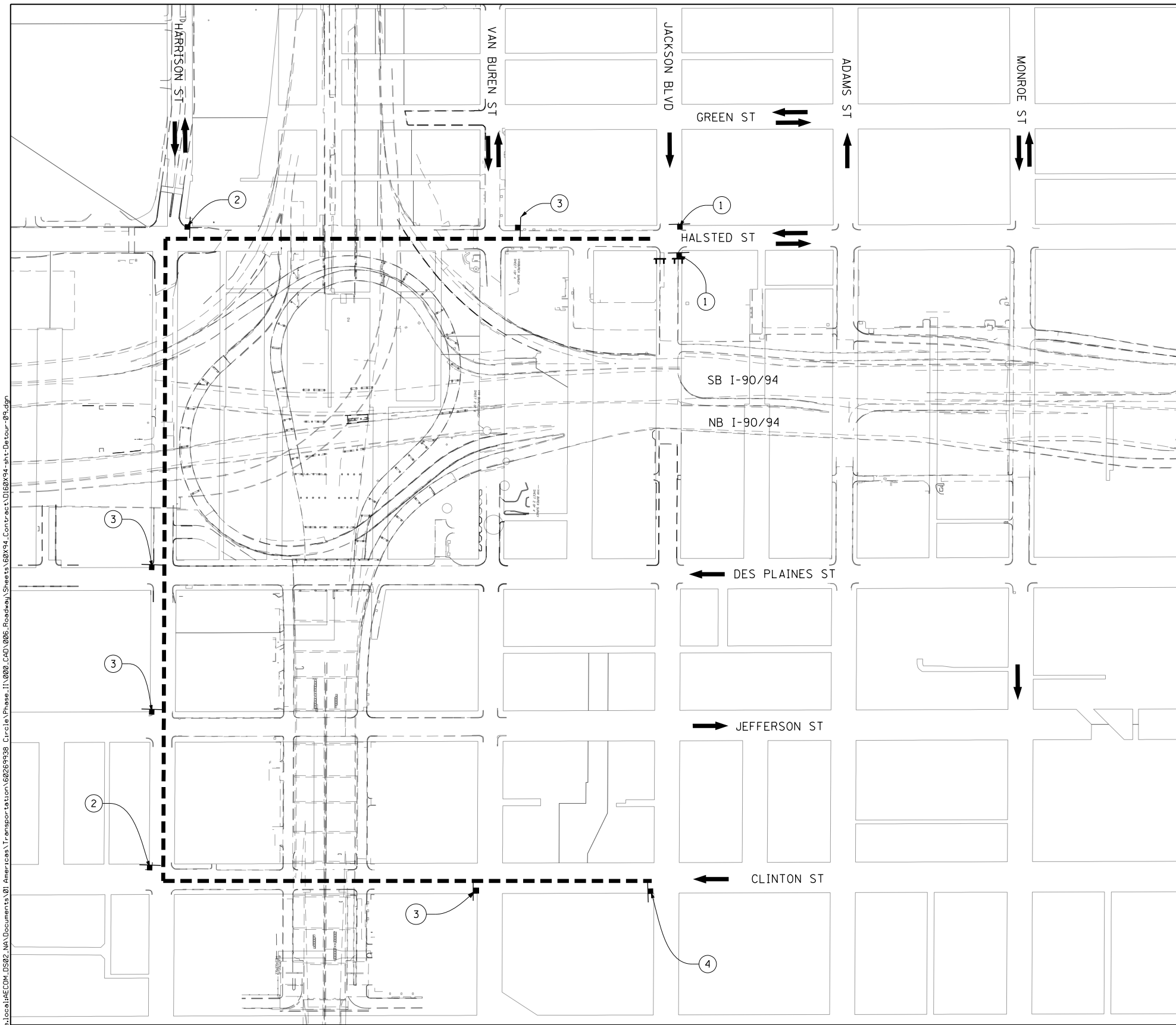
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PEDESTRIAN DETOUR PLAN
ADAMS STREET**

SCALE: 1"=150' SHEET 7 OF 9 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	111
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				

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LEGEND

- TEMPORARY SIGN
- SIGN BARRICADE TYPE III
- ROADWAY DIRECTION
- DETOUR ROUTE

SCALE: 1" = 150'

DETOUR SIGNS TYPE & SIZE
 (ALL SIGN COLORS SHALL BE ACCORDING TO THE LATEST EDITION OF THE MUTCD)

EAST M3-2 24" X 12"	DETOUR M4-9c (R) 30" X 24"	DETOUR M4-9c (L) 30" X 24"	DETOUR M4-9 30" X 24"
END DETOUR M4-8A 24" X 18"	JACKSON BOULEVARD	CUSTOM SPECIAL * SEE SHEET 115 FOR DETAILS	W11-1 30" X 30"

SIGN ASSEMBLIES

①	②	③	④

- * TO BE PAID FOR AS TEMPORARY INFORMATION SIGNING
- NOTES**
1. THE PROPOSED DETOUR SIGNING SHALL BE INSTALLED PRIOR TO CLOSING THE JACKSON BOULEVARD BIKE LANE. THE PROPOSED DETOUR SHALL BE UTILIZED DURING ALL STAGES.
 2. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
 3. ANY EXISTING SIGNS THAT CONTRADICT THE DETOUR SIGNAGE AS SHOWN ON THE PLANS SHALL BE COVERED PRIOR TO OPENING THE DETOUR ROUTE. THIS WORK SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION (SPECIAL)" AND WILL NOT BE PAID FOR SEPARATELY. THE COVERS SHALL BE REMOVED AT THE TIME AT THE DETOUR ROUTE SIGNS ARE REMOVED.
 4. ALL SIGNAGE SHALL BE IN ACCORDANCE WITH THE LATEST ILLINOIS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, "THE QUALITY STANDARD FOR WORK ZONE TRAFFIC CONTROL DEVICES", THE DETAILS OF THESE PLANS, THE "2009 MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", THE SPECIAL PROVISION FOR "TRAFFIC CONTROL AND PROTECTION (ARTERIALS)" AND HIGHWAY STANDARD 701901.
 5. THE SIGNAGE SHOWN ON THE PLANS IS DEEMED TO BE THE MINIMUM REQUIRED. THE CONTRACTOR SHALL MAKE ALL CHANGES DEEMED NECESSARY BY THE ENGINEER. ADDITIONS AND DELETIONS OF TRAFFIC CONTROL FOR THIS DETOUR SHALL BE CONSIDERED INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION (SPECIAL)" AND WILL NOT BE PAID FOR SEPARATELY.
 6. ALL SIGNS SHOWN SHALL BE FURNISHED, ERECTED, AND MAINTAINED BY THE CONTRACTOR, AND SHALL BE POST-MOUNTED IN THE GROUND PER ARTICLE 701.14 OF THE STANDARD SPECIFICATIONS AND STANDARD 701901.
 7. ALL DETOUR SIGNS SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE BIKE LANE IS REOPENED TO CYCLISTS.

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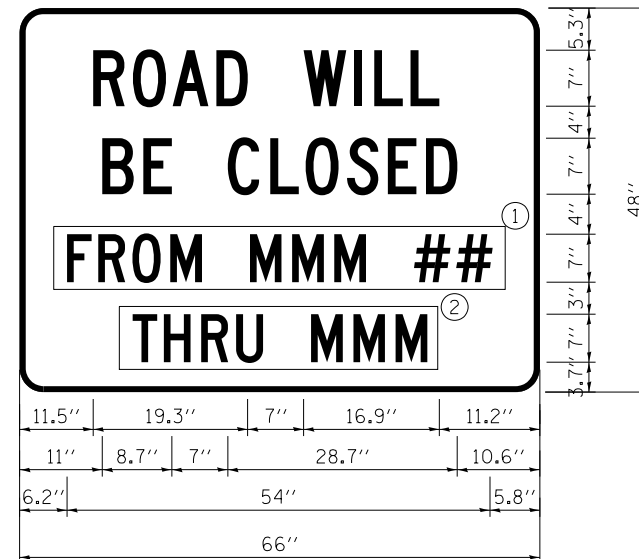
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BICYCLE DETOUR PLAN JACKSON BOULEVARD	
SCALE: 1"=150'	SHEET 9 OF 9 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	113
CONTRACT NO. 60X94			ILLINOIS FED. AID PROJECT	

**ARTERIAL ROAD INFORMATION SIGN
FOR ROADS TO BE FULLY CLOSED AND DETOURED**

SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.
ONE SIGN ASSEMBLY EQUALS 22.0 SQ. FT.



6.0" Radius, 1.3" Border, Black on Orange;
"ROAD WILL" C 2K; "BE CLOSED" C 2K; Rectangle Orange; Rectangle Orange; "HIGHWAY C" FONT

- ① OVERLAY PANEL ① TO CONTAIN STARTING DATE OF FULL CLOSURE AND DETOUR IMPLEMENTATION (i.e. "FROM APR 2")
- ② OVERLAY PANEL ② TO CONTAIN ENDING MONTH OF FULL CLOSURE & DETOUR (i.e. "THRU JULY") OMIT DATE ON PANEL ②; MONTH ONLY

ERECT SIGN ASSEMBLY (POST-MOUNTED) WITH PANELS 1 AND 2 IN PLACE ON ROAD TO BE CLOSED IN EACH DIRECTION NEAR POINT OF CLOSURE OR WITHIN SECTION TO BE FULLY CLOSED TWO (2) WEEKS PRIOR TO START DATE OF FULL CLOSURE. REMOVE ASSEMBLY AFTER CLOSURE.

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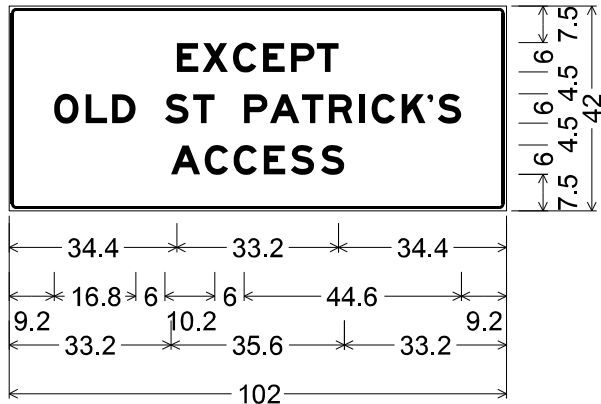
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PLOT DATE = 3/6/2020	DATE - 3-13-2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
ARTERIAL ROAD INFORMATION SIGN DETAIL**

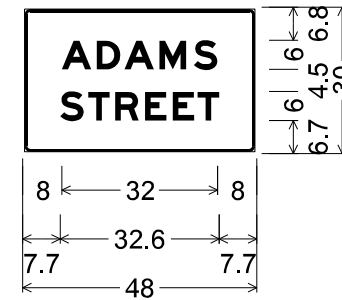
SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 60X94			ILLINOIS FED. AID PROJECT	



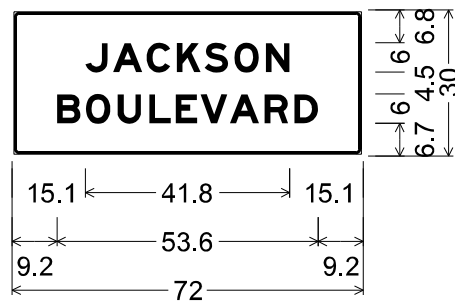
1.5" Radius, 0.6" Border, 0.4" Indent, Black on None;
 [EXCEPT] E Mod 2K;
 [OLD ST PATRICK'S] E Mod 2K;
 [ACCESS] E Mod 2K;
 Table of letter and object lefts.

E	X	C	E	P	T			
34.4	39.7	45.9	52.1	57.8	63.2			
O	L	D	S	T				
9.2	15.7	21.1	32.0	37.7				
P	A	T	R	I	C	K	'	S
48.2	53.5	60.1	65.6	71.7	74.3	80.5	85.8	87.9
A	C	C	E	S	S			
33.2	40.1	46.0	52.2	57.8	63.9			



1.5" Radius, 0.6" Border, 0.4" Indent, Black on Orange;
 [ADAMS] E Mod 2K;
 [STREET] E Mod 2K;
 Table of letter and object lefts.

A	D	A	M	S	
8.0	15.2	20.9	28.0	35.1	
S	T	R	E	E	T
7.7	13.4	19.0	25.1	30.8	35.9



1.5" Radius, 0.6" Border, 0.4" Indent, Black on Orange;
 [JACKSON] E Mod 2K;
 [BOULEVARD] E Mod 2K;
 Table of letter and object lefts.

J	A	C	K	S	O	N		
15.1	20.7	27.6	33.8	39.5	45.6	52.1		
B	O	U	L	E	V	A	R	D
9.2	15.1	21.6	28.2	33.6	38.7	44.7	51.8	57.9

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





STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

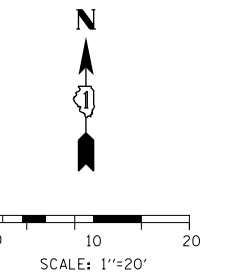
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN			
TEMPORARY INFORMATION SIGNS			
SCALE: NONE	SHEET 2	OF 2 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-15R&B-R	COOK	825	115
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X94	

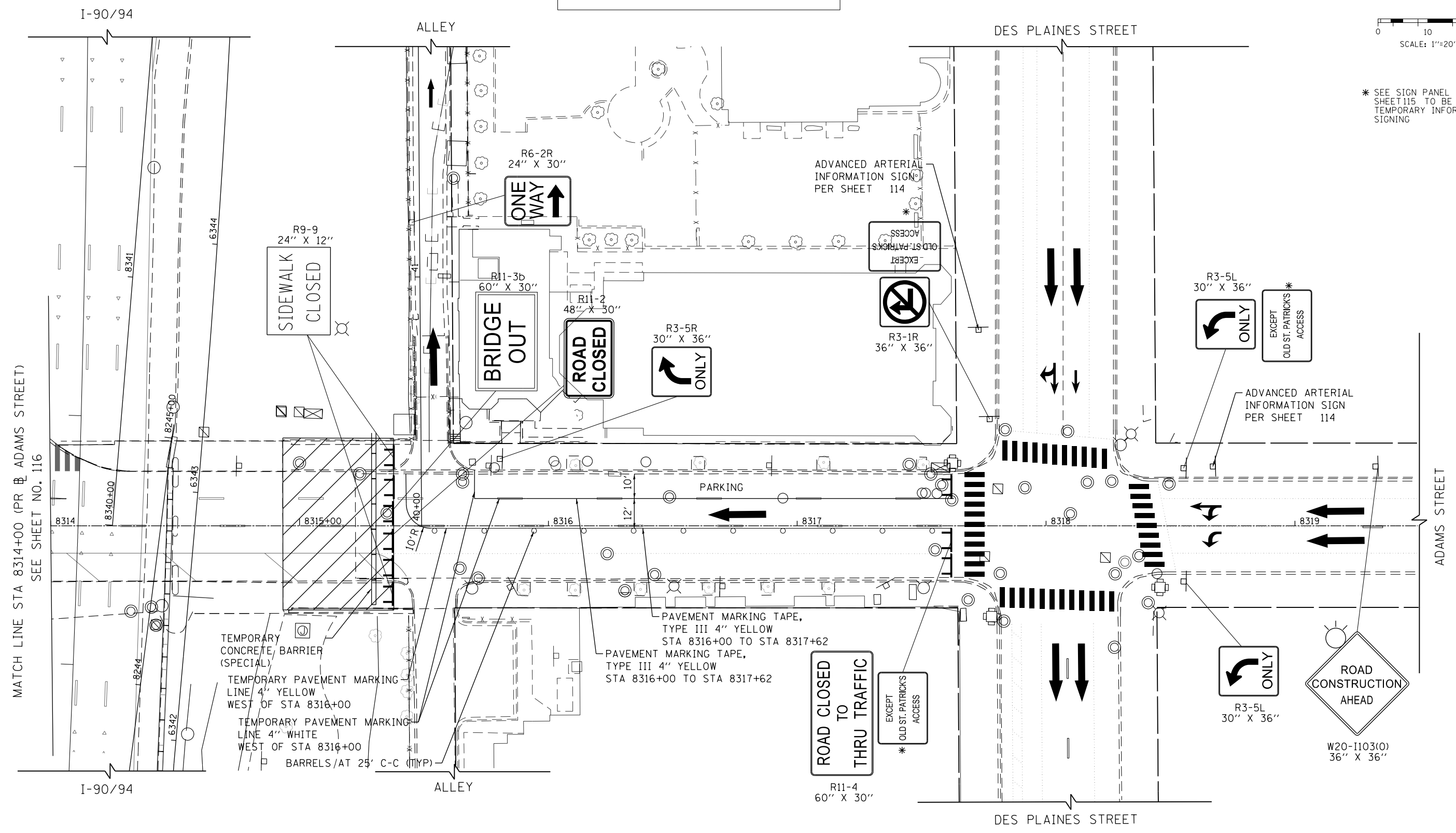
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LEGEND

-  WORK ZONE
-  TEMPORARY CONCRETE BARRIER
-  DIRECTION OF TRAFFIC FLOW
-  TYPE III BARRICADE
-  ARROW BOARD
-  SIGN
-  TYPE II BARRICADE OR DRUMS



* SEE SIGN PANEL DETAILS ON SHEET 115 TO BE PAID AS TEMPORARY INFORMATION SIGNING



MATCH LINE STA 8314+00 (PR B ADAMS STREET)
SEE SHEET NO. 116

TEMPORARY CONCRETE BARRIER (SPECIAL)
TEMPORARY PAVEMENT MARKING LINE 4" YELLOW WEST OF STA 8316+00
TEMPORARY PAVEMENT MARKING LINE 4" WHITE WEST OF STA 8316+00
BARRELS/AT 25' C-C (TYP)

PAVEMENT MARKING TAPE, TYPE III 4" YELLOW STA 8316+00 TO STA 8317+62
PAVEMENT MARKING TAPE, TYPE III 4" YELLOW STA 8316+00 TO STA 8317+62

ROAD CLOSED TO THRU TRAFFIC
R11-4
60" X 30"

ROAD CONSTRUCTION AHEAD
W20-I103(O)
36" X 36"



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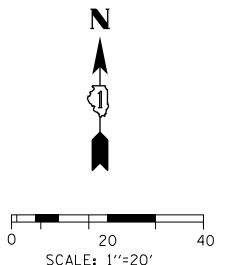
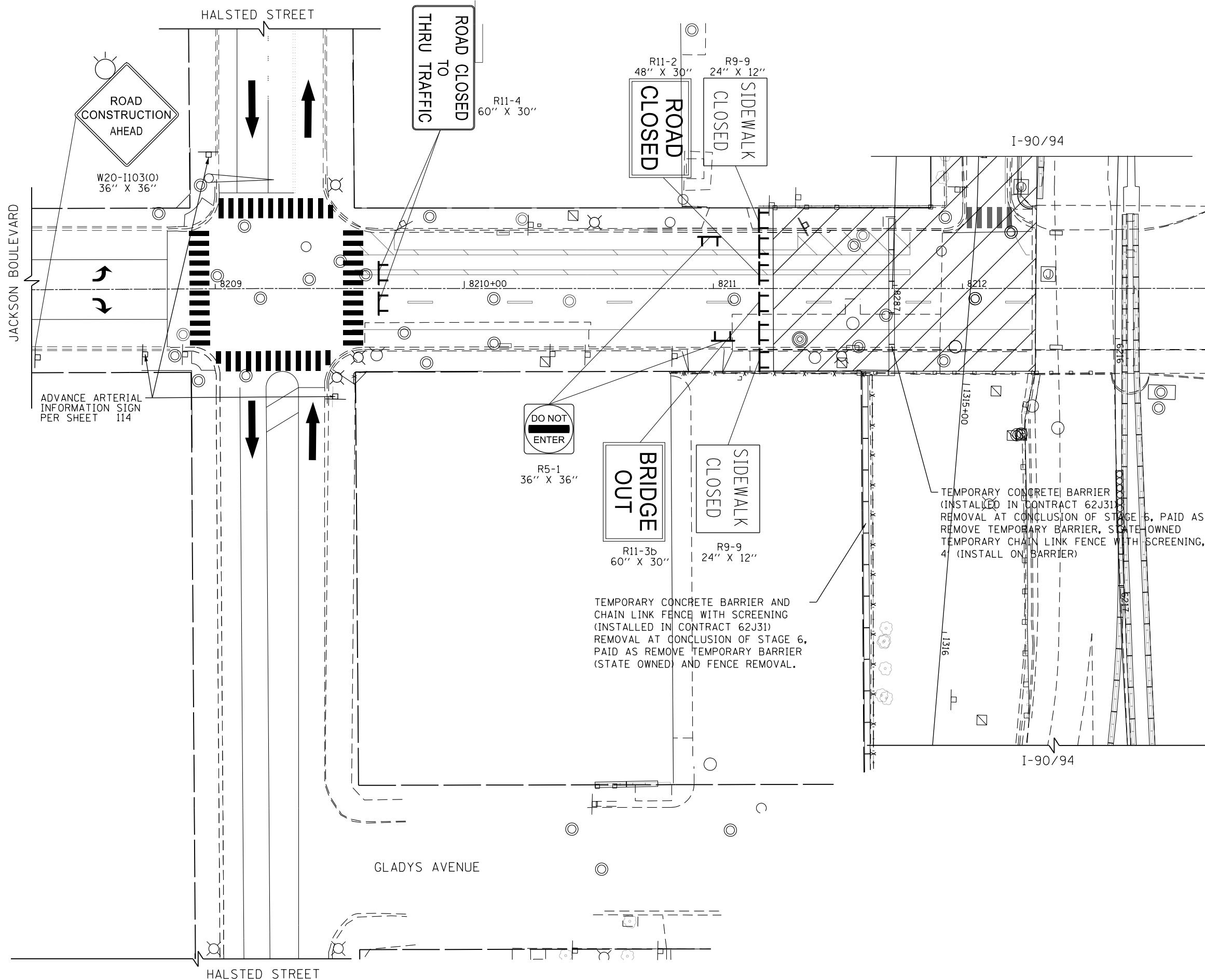
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
PLAN - ADAMS STREET**

SCALE: 1" = 20' SHEET 2 OF 2 SHEETS STA. 8314+00.00 TO STA. 8319+50.00

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	117
CONTRACT NO. 60X94			ILLINOIS FED. AID PROJECT	

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MATCH LINE STA 8213+00 (PR JACKSON BOULEVARD)
SEE SHEET NO. 119

LEGEND

- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- ARROW BOARD
- SIGN
- TYPE II BARRICADE OR DRUMS



D160X94-Sht-Staging-03a.dgn
USER NAME = vjjanachione
PLOT SCALE = 40.0000' / in.
PLOT DATE = 3/6/2020

DESIGNED - \$MTA-03-DE	REVISED -
DRAWN - \$MTA-03-DR	REVISED -
CHECKED - \$MTA-03-CH	REVISED -
DATE - 3-13-2020	REVISED -

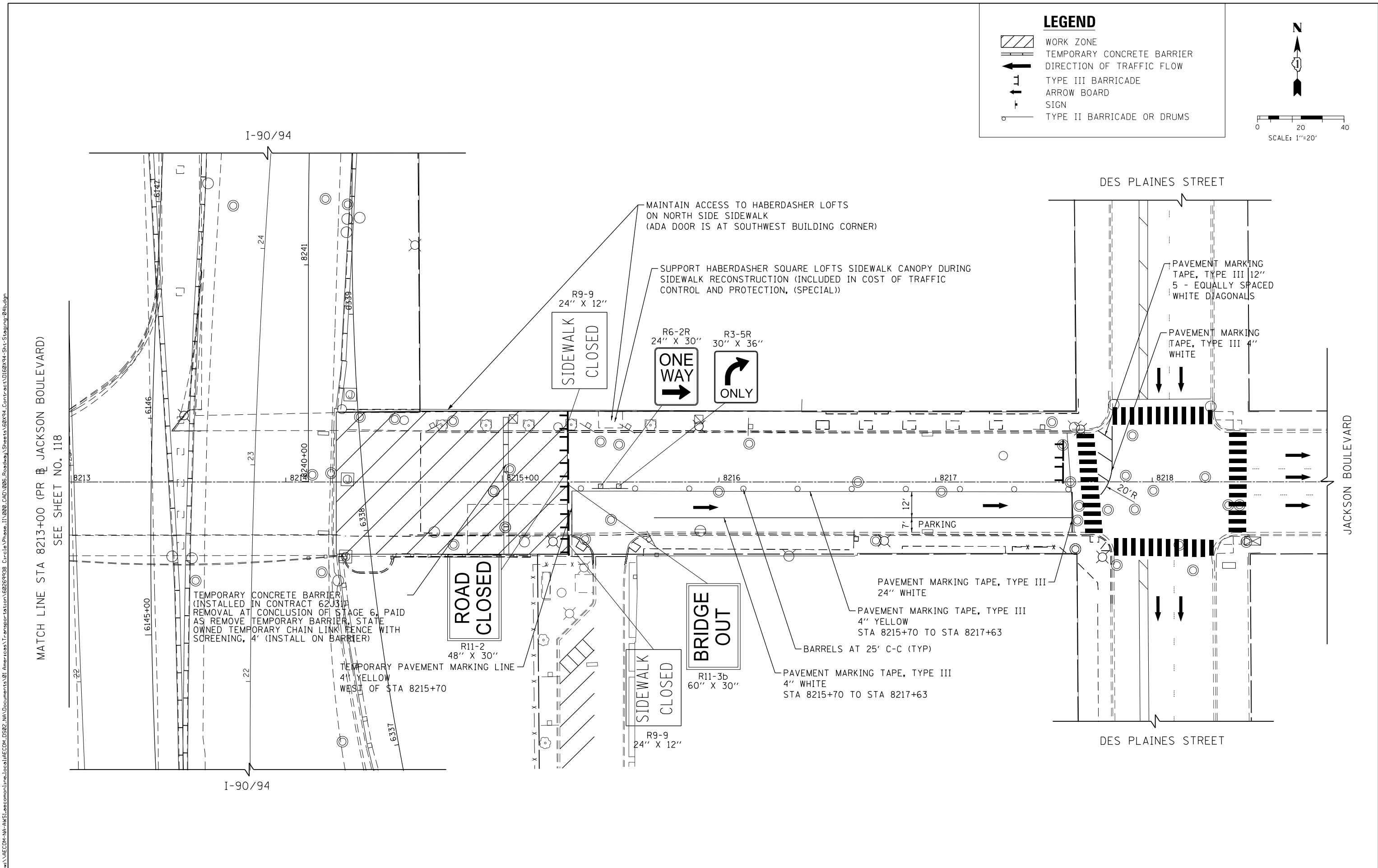
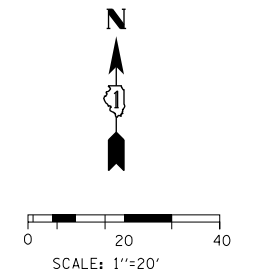
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN - JACKSON BOULEVARD			
SCALE: 1"=20'	SHEET 1	OF 2 SHEETS	STA. 8208+00 TO STA. 8213+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	118
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				

LEGEND

- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- ARROW BOARD
- SIGN
- TYPE II BARRICADE OR DRUMS



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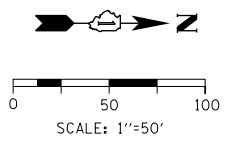
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
PLAN - JACKSON BOULEVARD**

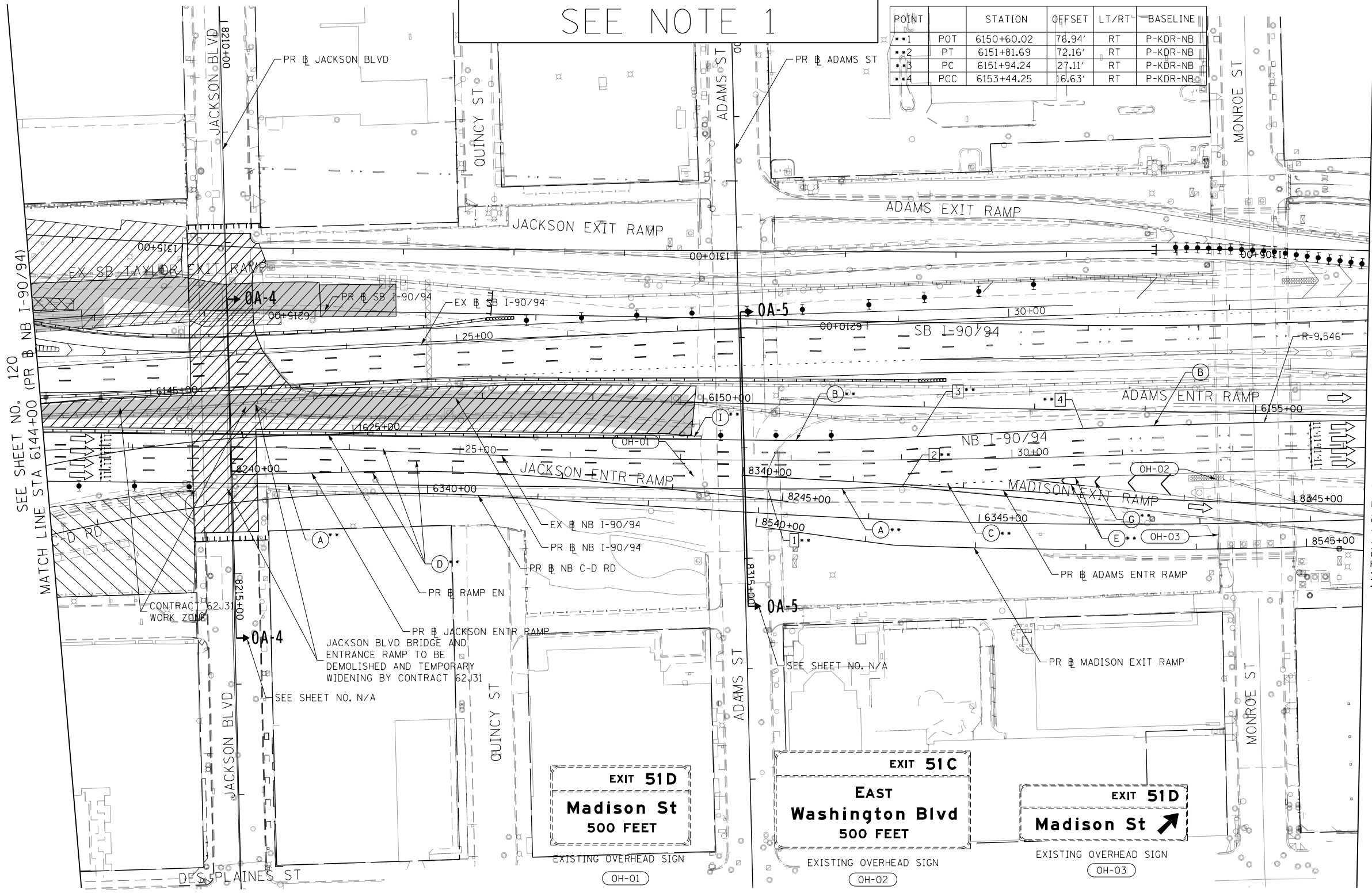
F.A.I. R.E. 90/94/290	SECTION 2014-015R&B-R	COUNTY COOK	TOTAL SHEETS 825	SHEET NO. 119
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				

SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA.8213+00 TO STA.8219+00

FOR REFERENCE ONLY
SEE NOTE 1

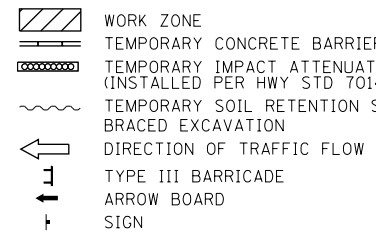


POINT	STATION	OFFSET	LT/RT	BASELINE
1	POT 6150+60.02	76.94'	RT	P-KDR-NB
2	PT 6151+81.69	72.16'	RT	P-KDR-NB
3	PC 6151+94.24	27.11'	RT	P-KDR-NB
4	PCC 6153+44.25	16.63'	RT	P-KDR-NB



SEE SHEET NO. 120
MATCH LINE STA 6144+00 (PR NB I-90/94)

MATCH LINE STA 6156+00 (PR NB I-90/94)
SEE SHEET NO. 122



LEGEND

- TYPE II BARRICADES OR DRUMS @ 100' CENTERS
- ◐ DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' CENTERS
- TEMPORARY PAVEMENT
- IMPROVEMENTS PREVIOUSLY CONSTRUCTED
- IMPROVEMENTS CONSTRUCTED THIS STAGE
- * FROM PREVIOUS STAGE TO REMAIN
- ** FROM PREVIOUS CONTRACT

PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (G) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (H) TEMP EPOXY PVT MK LETTERS AND SYMBOLS
- (I) TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (J) REL TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (K) PINNING TEMPORARY CONCRETE BARRIER
- (L) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3
- (M) IMPACT ATTENUATOR, RELOCATE

NOTES:

1. ALL TRAVEL LANES ON NB AND SB I-90/94 SHALL BE MAINTAINED IN CURRENT STAGE AS PER CONTRACTS 62A76, 62A77 AND 62J31. ALL STRIPING AND SIGNING SHOWN IS FOR REFERENCE ONLY. WORK ZONES FOR CONSTRUCTION SHALL BE PROVIDED BY 62A76, 62A77 AND 62J31. SEE STAGING NARRATIVE AND SPECIAL PROVISIONS FOR MORE INFORMATION ABOUT AVAILABLE WORK AREAS AND ADJACENT CONTRACT CONSTRUCTION.



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PLOT DATE = 3/6/2020

DESIGNED - MRC
DRAWN - MRC
CHECKED - #MTOA-02-CH
DATE - 3-13-2020

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
I-90/94 STAGE 0A

SCALE: 1"=50' SHEET 2 OF 3 SHEETS STA. 6144+00 TO STA. 6156+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-15R&B-R	COOK	825	121
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				

GEOMETRIC POINTS LOCATIONS / STRIPING INFORMATION

POINT		STATION	OFFSET	LT/RT	BASELINE
1	PT	6156+72.06	2.01'	RT	P-KDR-NB
2	POT	6156+82.53	9.51'	LT	P-KDR-NB
3	POT	6159+57.83	7.23'	LT	P-KDR-NB

FOR REFERENCE ONLY
SEE NOTE 1

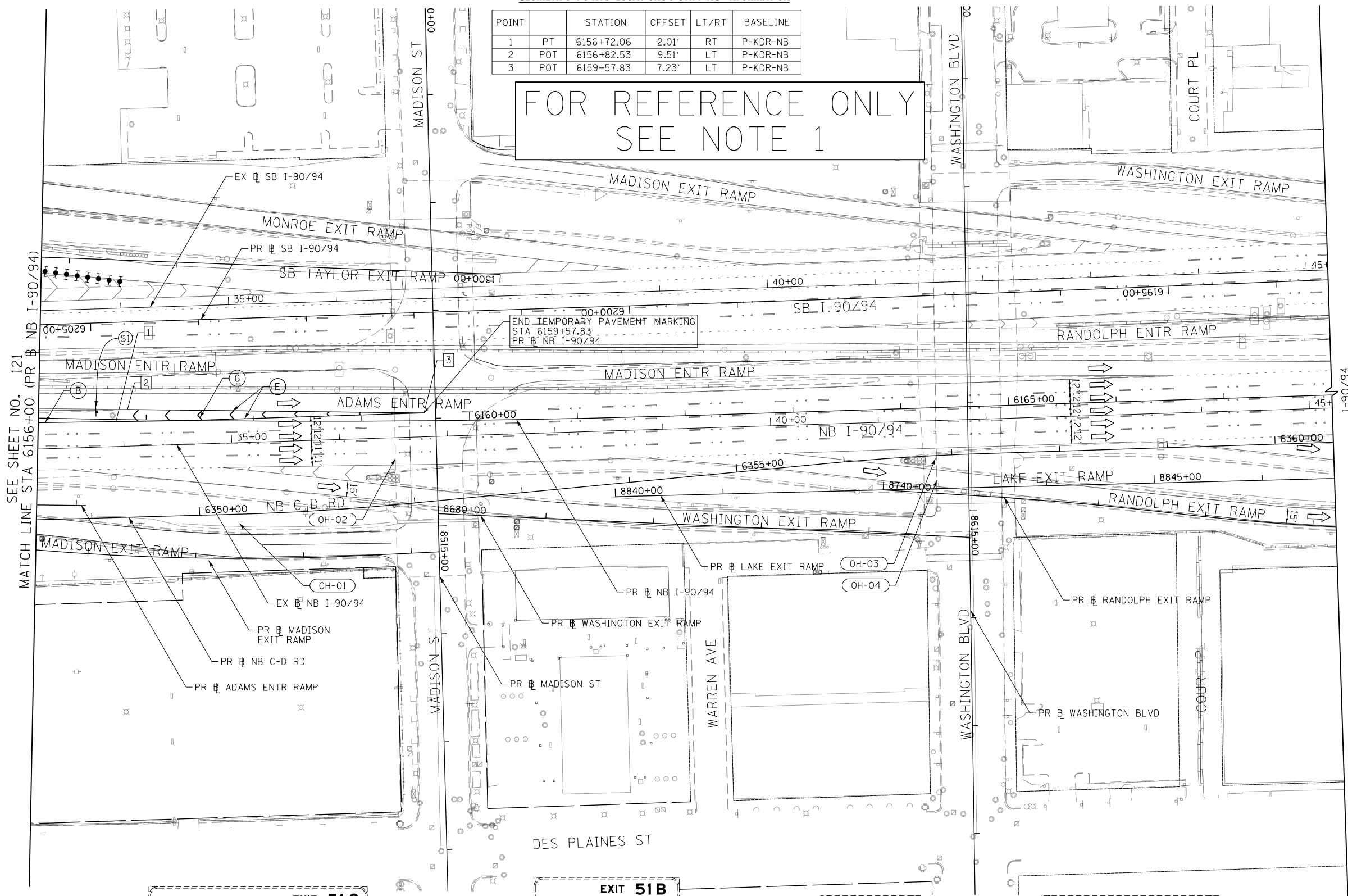


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SCALE: 1"=50'

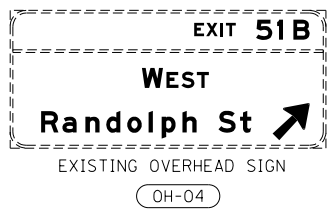
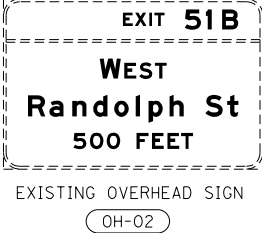
- LEGEND**
- WORK ZONE
 - TEMPORARY CONCRETE BARRIER
 - TEMPORARY IMPACT ATTENUATOR (INSTALLED PER HWY STD 701402)
 - TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
 - DIRECTION OF TRAFFIC FLOW
 - TYPE III BARRICADE
 - ARROW BOARD
 - SIGN
 - TYPE II BARRICADES OR DRUMS @ 100 FT CENTERS
 - DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50 FT CENTERS
 - TEMPORARY PAVEMENT
 - IMPROVEMENTS PREVIOUSLY CONSTRUCTED
 - IMPROVEMENTS CONSTRUCTED THIS STAGE
 - FROM PREVIOUS STAGE TO REMAIN
 - FROM PREVIOUS CONTRACT

PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (G) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (H) TEMP EPOXY PVT MK LETTERS AND SYMBOLS
- (I) TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED (STA AND O/S ARE PLACED WHERE SHY DISTANCE CHANGES)
- (J) REL TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (K) PINNING TEMPORARY CONCRETE BARRIER
- (L) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3
- (M) IMPACT ATTENUATOR, RELOCATE



SEE SHEET NO. 121
MATCH LINE STA 6156+00 (PR NB I-90/94)



NOTES:
1. ALL TRAVEL LANES ON NB AND SB I-90/94 SHALL BE MAINTAINED IN CURRENT STAGE AS PER CONTRACTS 62A76, 62A77 AND 62J31. ALL STRIPING AND SIGNING SHOWN IS FOR REFERENCE ONLY. WORK ZONES FOR CONSTRUCTION SHALL BE PROVIDED BY 62A76, 62A77 AND 62J31. SEE STAGING NARRATIVE AND SPECIAL PROVISIONS FOR MORE INFORMATION ABOUT AVAILABLE WORK AREAS AND ADJACENT CONTRACT CONSTRUCTION.

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PLOT DATE = 3/6/2020

DESIGNED - MRC
DRAWN - MRC
CHECKED - JMG
DATE - 3-13-2020

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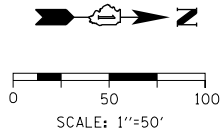
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
I-90/94 STAGE 0A

SCALE: 1"=50' SHEET 3 OF 3 SHEETS STA. 6156+00 TO STA. 6168+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-15R&B-R	COOK	825	122
				CONTRACT NO. 60X94
ILLINOIS FED. AID PROJECT				

FOR REFERENCE ONLY
SEE NOTE 1



LEGEND

- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR (INSTALLED PER HWY STD 701402)
- TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- ARROW BOARD
- SIGN
- TYPE II BARRICADES OR DRUMS @ 100 FT CENTERS
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50 FT CENTERS
- TEMPORARY PAVEMENT
- IMPROVEMENTS PREVIOUSLY CONSTRUCTED
- IMPROVEMENTS CONSTRUCTED THIS STAGE
- FROM PREVIOUS STAGE TO REMAIN
- FROM PREVIOUS CONTRACT

PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (G) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (H) TEMP EPOXY PVT MK LETTERS AND SYMBOLS
- (I) TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED (STA AND O/S ARE PLACED WHERE SHY DISTANCE CHANGES)
- (J) REL TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (K) PINNING TEMPORARY CONCRETE BARRIER
- (L) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3
- (M) IMPACT ATTENUATOR, RELOCATE

GEOMETRIC POINTS LOCATIONS / STRIPING INFORMATION

POINT	STATION	OFFSET	LT/RT	BASELINE
1	PT 6134+08.69	27.83'	RT	P-KDR-NB
2	PC 6138+15.31	13.51'	RT	P-KDR-NB
3	PT 6141+51.58	32.04'	RT	P-KDR-NB
4	POT 1621+41.08	0.74'	RT	P-CIR-EN
5	POC 1622+00.45	34.41'	RT	P-CIR-EN
6	POT 6135+68.02	15.32'	RT	P-KDR-NB
7	POT 6137+14.16	19.47'	RT	P-KDR-NB
8	POT 6141+55.44	2.76'	LT	P-KDR-NB
9	POT 6142+25.00	3.98'	RT	P-KDR-NB
10	POT 1107+10.73	4.23'	RT	P-CIR-WN
11	POT 6504+00.00	21.23'	LT	P-ENS-NX
12	POT 6132+01.02	7.78'	RT	P-KDR-NB
13	POT 6138+15.34	15.51'	RT	P-KDR-NB

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
I-90/94 STAGE 0B**

SCALE: 1"=50' SHEET 1 OF 3 SHEETS STA. 6132+00 TO STA. 6144+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-15R&B-R	COOK	825	123
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				

NOTES:

1. ALL TRAVEL LANES ON NB AND SB I-90/94 SHALL BE MAINTAINED IN CURRENT STAGE AS PER CONTRACTS 62A76, 62A77 AND 62J31. ALL STRIPING AND SIGNING SHOWN IS FOR REFERENCE ONLY. WORK ZONES FOR CONSTRUCTION SHALL BE PROVIDED BY 62A76, 62A77 AND 62J31. SEE STAGING NARRATIVE AND SPECIAL PROVISIONS FOR MORE INFORMATION ABOUT AVAILABLE WORK AREAS AND ADJACENT CONTRACT CONSTRUCTION.

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PLOT DATE = 3/6/2020	DATE - 3-13-2020	REVISED -

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CHECKED - JMG	REVISED -
DATE - 3-13-2020	REVISED -

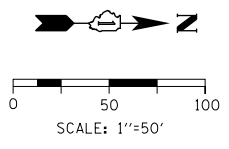
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: 1"=50' SHEET 1 OF 3 SHEETS STA. 6132+00 TO STA. 6144+00

FOR REFERENCE ONLY
SEE NOTE 1

GEOMETRIC POINTS LOCATIONS / STRIPING INFORMATION

POINT	STATION	OFFSET	LT/RT	BASELINE
1	POT 1623+82.21	3.95'	RT	P-CIR-EN
2	PCC 6147+81.78	49.29'	RT	P-KDR-NB
3	PCC 6149+97.37	57.89'	RT	P-KDR-NB
4	POC 6153+48.37	60.46'	RT	P-KDR-NB
5	POT 6145+28.78	47.11'	RT	P-KDR-NB

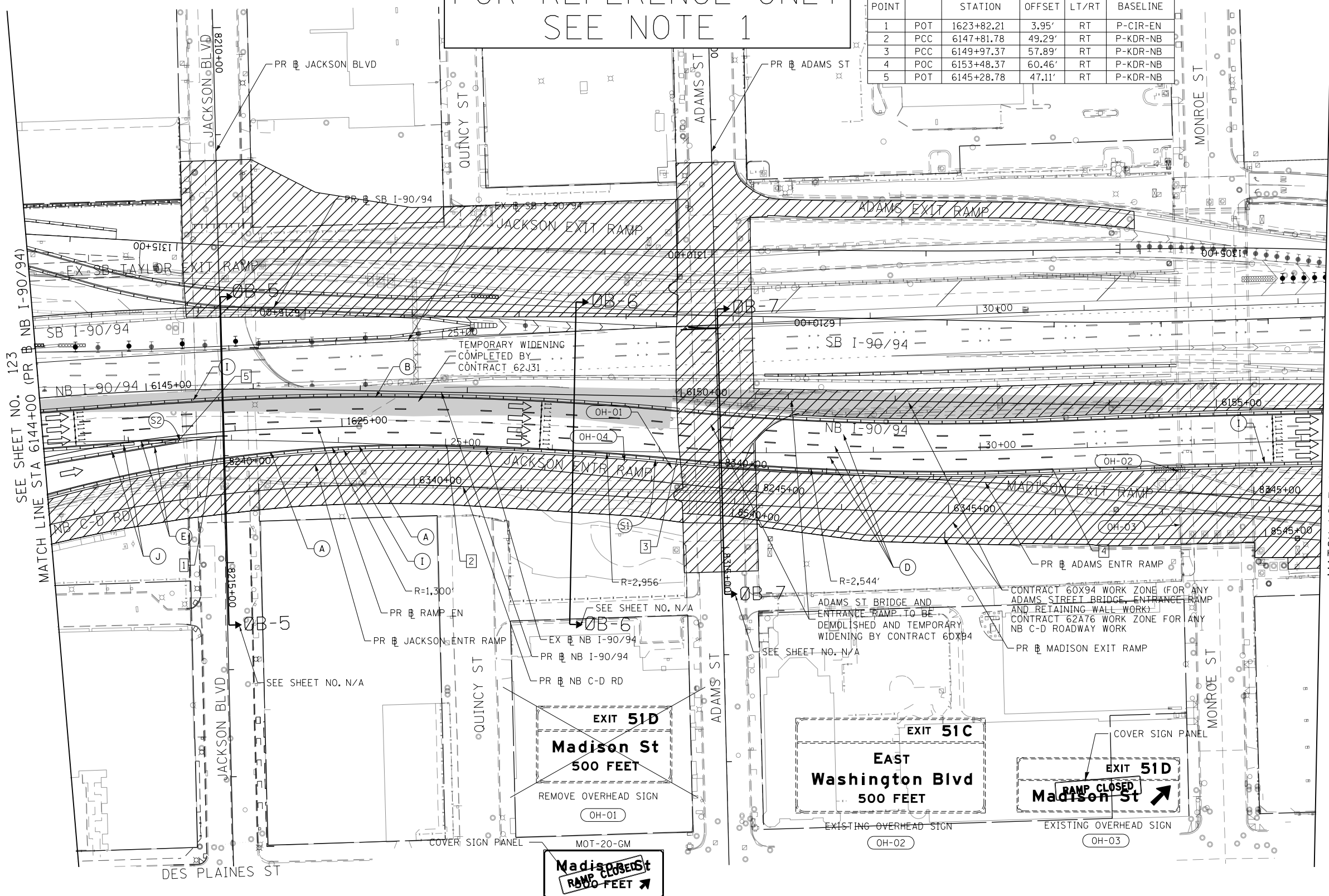


PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
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- (H) TEMP EPOXY PVT MK LETTERS AND SYMBOLS
- (I) TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED (STA AND O/S ARE PLACED WHERE SHY DISTANCE CHANGES)
- (J) REL TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (K) PINNING TEMPORARY CONCRETE BARRIER
- (L) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3
- (M) IMPACT ATTENUATOR, RELOCATE

LEGEND

- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR (INSTALLED PER HWY STD 701402)
- TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- ARROW BOARD
- SIGN
- TYPE II BARRICADES OR DRUMS @ 100 FT CENTERS
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50 FT CENTERS
- TEMPORARY PAVEMENT
- IMPROVEMENTS PREVIOUSLY CONSTRUCTED
- IMPROVEMENTS CONSTRUCTED THIS STAGE
- * FROM PREVIOUS STAGE TO REMAIN
- ** FROM PREVIOUS CONTRACT



SEE SHEET NO. 123
MATCH LINE STA 6144+00 (PR NB I-90/94)

MATCH LINE STA 6156+00 (PR NB I-90/94)
SEE SHEET NO. 125

TEMPORARY GROUND MOUNT SIGN
OH-04



W20-30-48
(S1)

NOTES:
1. ALL TRAVEL LANES ON NB AND SB I-90/94 SHALL BE MAINTAINED IN CURRENT STAGE AS PER CONTRACTS 62A76, 62A77 AND 62J31. ALL STRIPING AND SIGNING SHOWN IS FOR REFERENCE ONLY. WORK ZONES FOR CONSTRUCTION SHALL BE PROVIDED BY 62A76, 62A77 AND 62J31. SEE STAGING NARRATIVE AND SPECIAL PROVISIONS FOR MORE INFORMATION ABOUT AVAILABLE WORK AREAS AND ADJACENT CONTRACT CONSTRUCTION.

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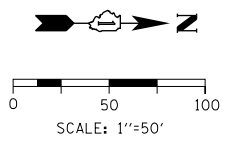
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DESIGNED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
I-90/94 STAGE 0B
SCALE: 1"=50' SHEET 2 OF 3 SHEETS STA. 6144+00 TO STA. 6156+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-15R&B-R	COOK	825	124
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				



FOR REFERENCE ONLY
SEE NOTE 1

GEOMETRIC POINTS LOCATIONS / STRIPING INFORMATION

POINT		STATION	OFFSET	LT/RT	BASELINE
1	PI	6159+70.91	7.52'	LT	P-KDR-NB
2	PI	6161+12.99	9.70'	LT	P-KDR-NB
3	POT	6159+10.72	74.47'	RT	P-KDR-NB

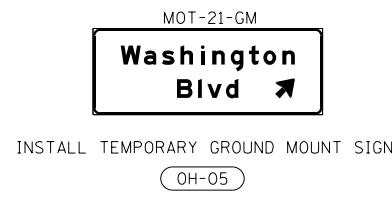
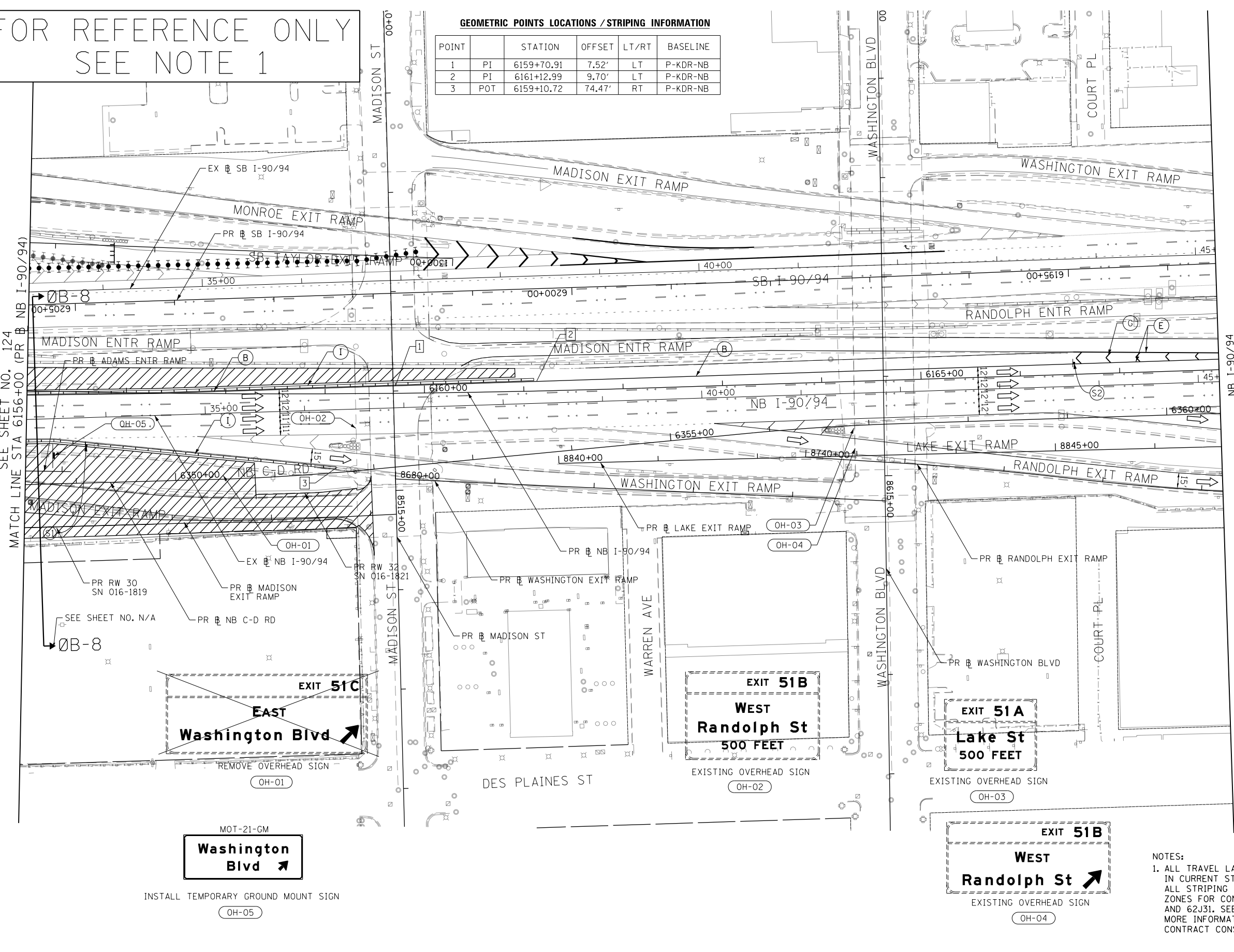
- LEGEND**
- WORK ZONE
 - TEMPORARY CONCRETE BARRIER
 - TEMPORARY IMPACT ATTENUATOR (INSTALLED PER HWY STD 701402)
 - TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
 - DIRECTION OF TRAFFIC FLOW
 - TYPE III BARRICADE
 - ARROW BOARD
 - SIGN
 - TYPE II BARRICADES OR DRUMS @ 100 FT CENTERS
 - DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50 FT CENTERS
 - TEMPORARY PAVEMENT
 - IMPROVEMENTS PREVIOUSLY CONSTRUCTED
 - IMPROVEMENTS CONSTRUCTED THIS STAGE
 - FROM PREVIOUS STAGE TO REMAIN FROM PREVIOUS CONTRACT

PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (G) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (H) TEMP EPOXY PVT MK LETTERS AND SYMBOLS
- (I) TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED (STA AND O/S ARE PLACED WHERE SHY DISTANCE CHANGES)
- (J) REL TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (K) PINNING TEMPORARY CONCRETE BARRIER
- (L) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3
- (M) IMPACT ATTENUATOR, RELOCATE



NOTES:
1. ALL TRAVEL LANES ON NB AND SB I-90/94 SHALL BE MAINTAINED IN CURRENT STAGE AS PER CONTRACTS 62A76, 62A77 AND 62J31. ALL STRIPING AND SIGNING SHOWN IS FOR REFERENCE ONLY. WORK ZONES FOR CONSTRUCTION SHALL BE PROVIDED BY 62A76, 62A77 AND 62J31. SEE STAGING NARRATIVE AND SPECIAL PROVISIONS FOR MORE INFORMATION ABOUT AVAILABLE WORK AREAS AND ADJACENT CONTRACT CONSTRUCTION.



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USER NAME = vjjanachione
PLOT SCALE = 100.0000' / in.
PLOT DATE = 3/6/2020

DESIGNED - MRC
DRAWN - MRC
CHECKED - JMG
DATE - 3-13-2020

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
I-90/94 STAGE 0B

SCALE: 1"=50' SHEET 3 OF 3 SHEETS STA. 6156+00 TO STA. 6168+00

F.A.I. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-15R&B-R	COOK	825	125
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				

FOR REFERENCE ONLY
SEE NOTE 1

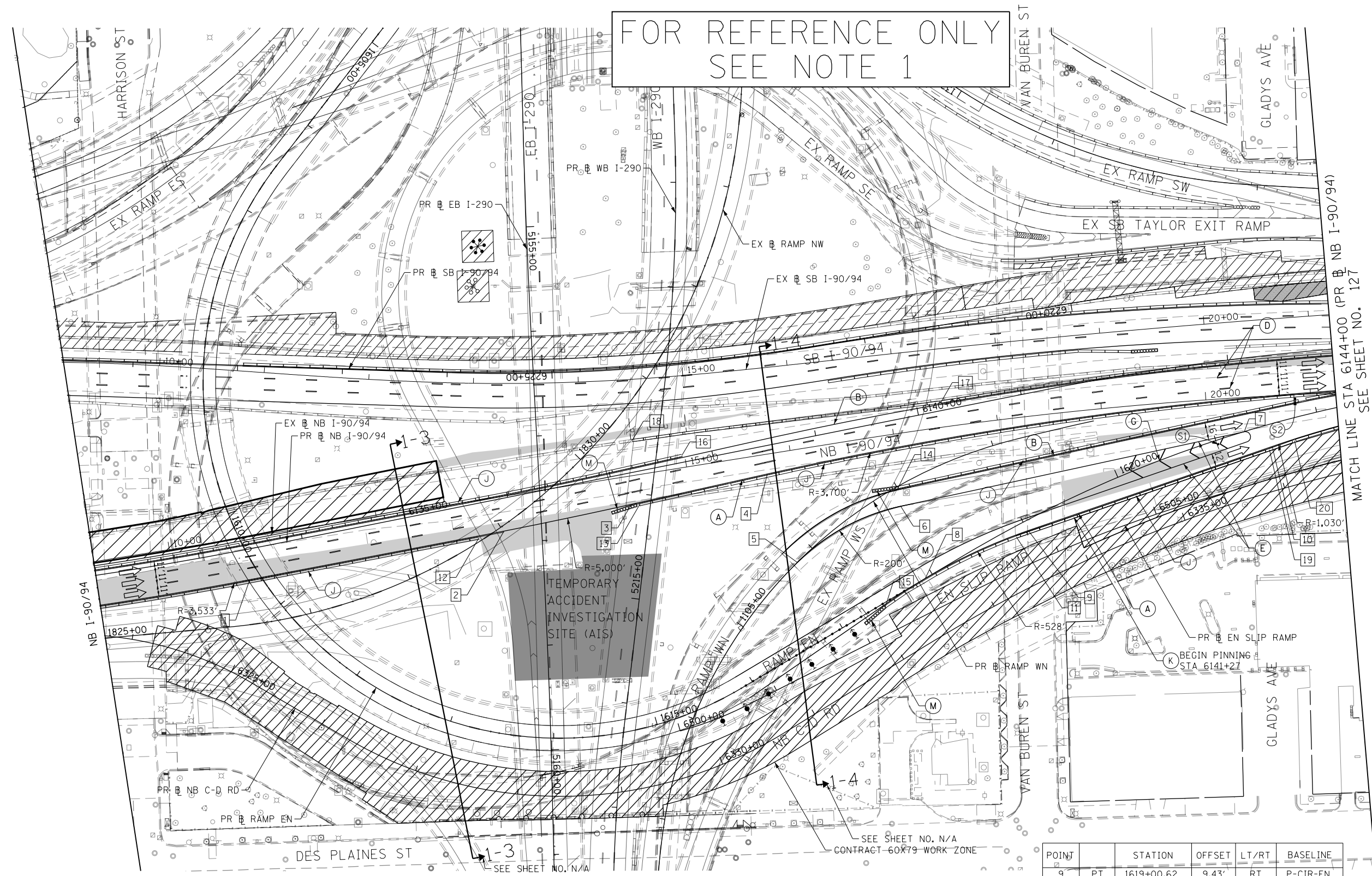


0 50 100
SCALE: 1"=50'

- LEGEND**
- WORK ZONE
 - TEMPORARY CONCRETE BARRIER
 - TEMPORARY IMPACT ATTENUATOR (INSTALLED PER HWY STD 701402)
 - TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
 - DIRECTION OF TRAFFIC FLOW
 - TYPE III BARRICADE
 - ARROW BOARD
 - SIGN
 - TYPE II BARRICADES OR DRUMS @ 100 FT CENTERS
 - DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50 FT CENTERS
 - TEMPORARY PAVEMENT
 - IMPROVEMENTS PREVIOUSLY CONSTRUCTED
 - IMPROVEMENTS CONSTRUCTED THIS STAGE
 - FROM PREVIOUS STAGE TO REMAIN
 - FROM PREVIOUS CONTRACT

PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (G) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (H) TEMP EPOXY PVT MK LETTERS AND SYMBOLS
- (I) TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED (STA AND O/S ARE PLACED WHERE SHY DISTANCE CHANGES)
- (J) REL TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (K) PINNING TEMPORARY CONCRETE BARRIER
- (L) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3
- (M) IMPACT ATTENUATOR, RELOCATE



TEMPORARY ACCIDENT INVESTIGATION SITE (AIS)

NOTES:
1. ALL TRAVEL LANES ON NB AND SB I-90/94 SHALL BE MAINTAINED IN CURRENT STAGE AS PER CONTRACTS 62A76, 62A77 AND 62J31. ALL STRIPING AND SIGNING SHOWN IS FOR REFERENCE ONLY. WORK ZONES FOR CONSTRUCTION SHALL BE PROVIDED BY 62A76, 62A77 AND 62J31. SEE STAGING NARRATIVE AND SPECIAL PROVISIONS FOR MORE INFORMATION ABOUT AVAILABLE WORK AREAS AND ADJACENT CONTRACT CONSTRUCTION.

GEOMETRIC POINTS LOCATIONS / STRIPING INFORMATION

POINT		STATION	OFFSET	LT/RT	BASELINE
1	PT	6133+43.44	29.00'	RT	P-KDR-NB
2	PC	6135+90.37	30.98'	RT	P-KDR-NB
3	PT	6137+14.46	29.76'	RT	P-KDR-NB
4	PC	6138+47.63	26.80'	RT	P-KDR-NB
5	POC	1105+80.39	0.00'	RT	P-CIR-WN
6	PT	1106+93.92	17.90'	RT	P-CIR-WN
7	PC	1108+99.25	40.83'	RT	P-CIR-WN
8	POC	1617+92.29	0.00'	RT	P-CIR-EN

POINT		STATION	OFFSET	LT/RT	BASELINE
9	PT	1619+00.62	9.43'	RT	P-CIR-EN
10	PC	1621+50.27	21.12'	RT	P-CIR-EN
11	POT	1618+87.60	9.40'	RT	P-CIR-EN
12	POT	6135+65.46	32.77'	RT	P-KDR-NB
13	POT	6137+22.28	31.59'	RT	P-KDR-NB
14	POT	1107+00.95	1.20'	RT	P-CIR-WN
15	POT	1617+45.49	3.64'	RT	P-CIR-EN
16	POT	6137+70.97	6.50'	LT	P-KDR-NB
17	PT	6140+23.53	7.94'	LT	P-KDR-NB
18	POT	6137+27.32	29.79'	LT	P-KDR-NB
19	POT	1621+16.83	23.31'	RT	P-CIR-EN
20	POT	1621+72.73	21.38'	RT	P-CIR-EN

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
I-90/94 STAGE 1**

SCALE: 1"=50' SHEET 1 OF 3 SHEETS STA. 6132+00 TO STA. 6144+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-15R&B-R	COOK	825	126
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				

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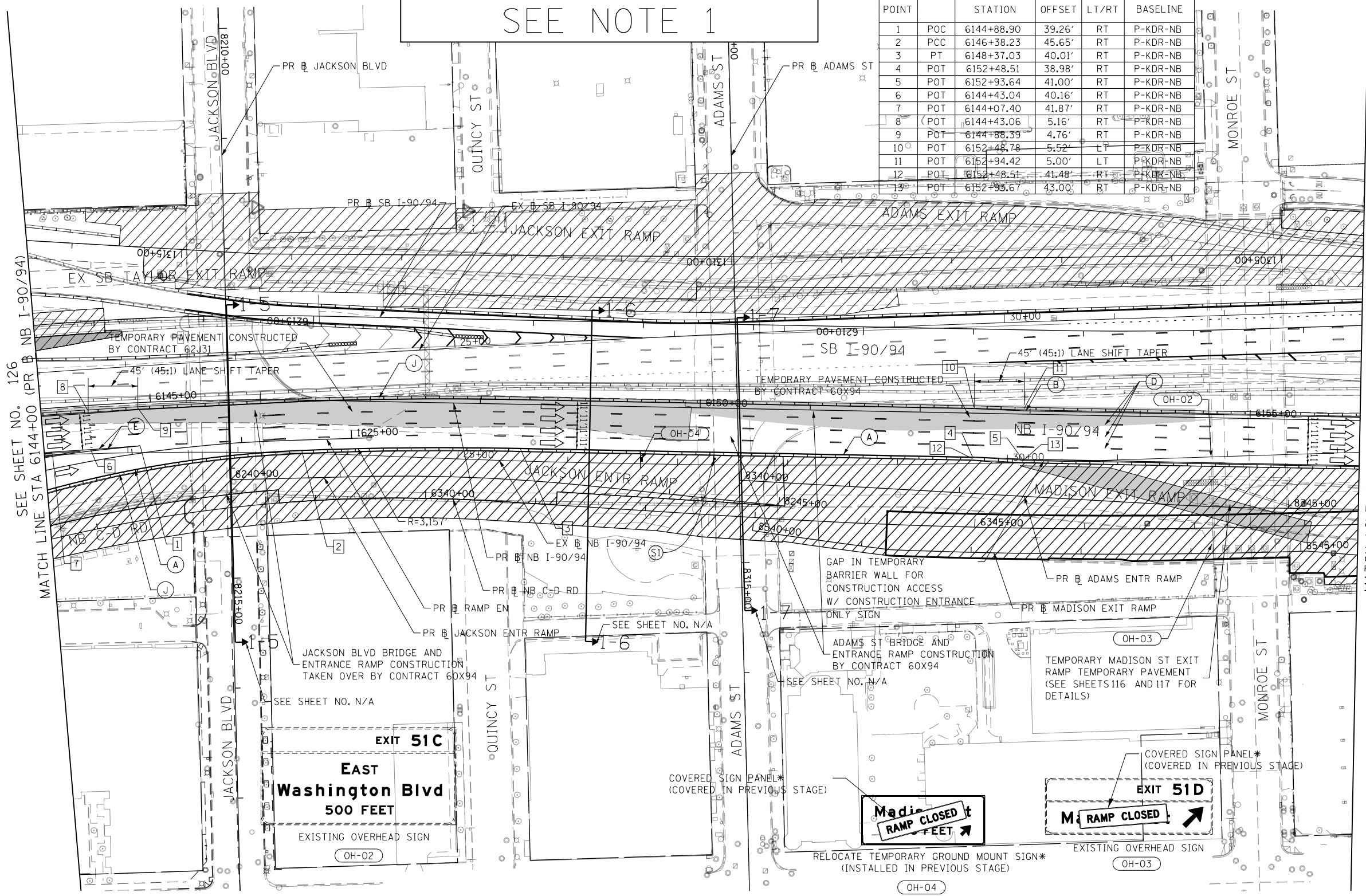
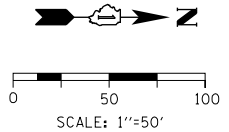
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DRAWN - MRC
CHECKED - JMG
DATE - 3-13-2020

REVISED -
REVISED -
REVISED -
REVISED -

FOR REFERENCE ONLY
SEE NOTE 1

GEOMETRIC POINTS LOCATIONS / STRIPING INFORMATION

POINT	STATION	OFFSET	LT/RT	BASELINE
1	POC 6144+88.90	39.26'	RT	P-KDR-NB
2	PCC 6146+38.23	45.65'	RT	P-KDR-NB
3	PT 6148+37.03	40.01'	RT	P-KDR-NB
4	POT 6152+48.51	38.98'	RT	P-KDR-NB
5	POT 6152+93.64	41.00'	RT	P-KDR-NB
6	POT 6144+43.04	40.16'	RT	P-KDR-NB
7	POT 6144+07.40	41.87'	RT	P-KDR-NB
8	POT 6144+43.06	5.16'	RT	P-KDR-NB
9	POT 6144+88.39	4.76'	RT	P-KDR-NB
10	POT 6152+48.78	5.52'	LT	P-KDR-NB
11	POT 6152+94.42	5.00'	LT	P-KDR-NB
12	POT 6152+48.51	41.48'	RT	P-KDR-NB
13	POT 6152+93.67	43.00'	RT	P-KDR-NB



SEE SHEET NO. 126
MATCH LINE STA 6144+00 (PR NB I-90/94)

MATCH LINE STA 6156+00 (PR NB I-90/94)
SEE SHEET NO. 128

LEGEND	
	WORK ZONE
	TEMPORARY CONCRETE BARRIER
	TEMPORARY IMPACT ATTENUATOR (INSTALLED PER HWY STD 701402)
	TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
	DIRECTION OF TRAFFIC FLOW
	TYPE III BARRICADE
	ARROW BOARD
	SIGN
	TYPE II BARRICADES OR DRUMS @ 100' CENTERS
	DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' CENTERS
	TEMPORARY PAVEMENT
	IMPROVEMENTS PREVIOUSLY CONSTRUCTED
	IMPROVEMENTS CONSTRUCTED THIS STAGE
*	FROM PREVIOUS STAGE TO REMAIN
**	FROM PREVIOUS CONTRACT

PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES	
(A)	TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
(B)	TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
(C)	TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
(D)	TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
(E)	TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
(F)	TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
(G)	TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
(H)	TEMP EPOXY PVT MK LETTERS AND SYMBOLS
(I)	TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED (STA AND O/S ARE PLACED WHERE SHY DISTANCE CHANGES)
(J)	REL TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
(K)	PINNING TEMPORARY CONCRETE BARRIER
(L)	IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3
(M)	IMPACT ATTENUATOR, RELOCATE

NOTES:
1. ALL TRAVEL LANES ON NB AND SB I-90/94 SHALL BE MAINTAINED IN CURRENT STAGE AS PER CONTRACTS 62A76, 62A77 AND 62J31. ALL STRIPING AND SIGNING SHOWN IS FOR REFERENCE ONLY. WORK ZONES FOR CONSTRUCTION SHALL BE PROVIDED BY 62A76, 62A77 AND 62J31. SEE STAGING NARRATIVE AND SPECIAL PROVISIONS FOR MORE INFORMATION ABOUT AVAILABLE WORK AREAS AND ADJACENT CONTRACT CONSTRUCTION.



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DATE - 3-13-2020

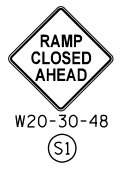
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REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
I-90/94 STAGE 1

SCALE: 1"=50' SHEET 2 OF 3 SHEETS STA. 6144+00 TO STA. 6156+00

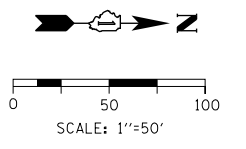
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-15R&B-R	COOK	825	127
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				



GEOMETRIC POINTS LOCATIONS / STRIPING INFORMATION

POINT		STATION	OFFSET	LT/RT	BASELINE
1	PC	6156+68.44	41.03'	RT	P-KDR-NB
2	PCC	6158+69.61	63.17'	RT	P-KDR-NB
3	PT	6159+82.36	82.16'	RT	P-KDR-NB
4	POT	6160+15.76	86.12'	RT	P-KDR-NB
5	POT	6158+80.59	39.08'	RT	P-KDR-NB
6	PC	6161+46.00	37.23'	RT	P-KDR-NB
7	PCC	6163+05.06	53.80'	RT	P-KDR-NB
8	PT	6163+79.18	66.87'	RT	P-KDR-NB
9	POT	6164+02.01	70.05'	RT	P-KDR-NB
10	POT	6163+55.42	37.00'	RT	P-KDR-NB
11	PI	6166+25.84	37.00'	RT	P-KDR-NB
12	POT	6167+49.96	54.52'	RT	P-KDR-NB
13	POT	6167+40.29	37.00'	RT	P-KDR-NB
14	POT	6159+79.53	7.61'	RT	P-KDR-NB
15	POT	6159+82.13	84.15'	RT	P-KDR-NB

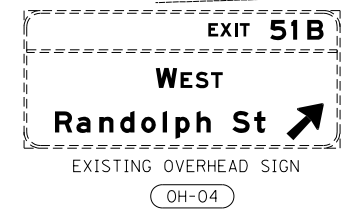
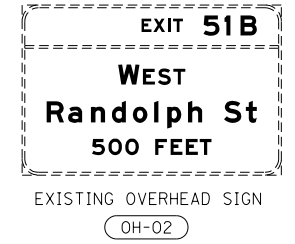
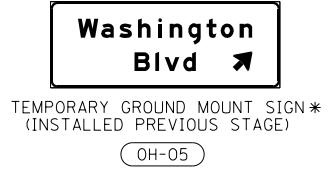
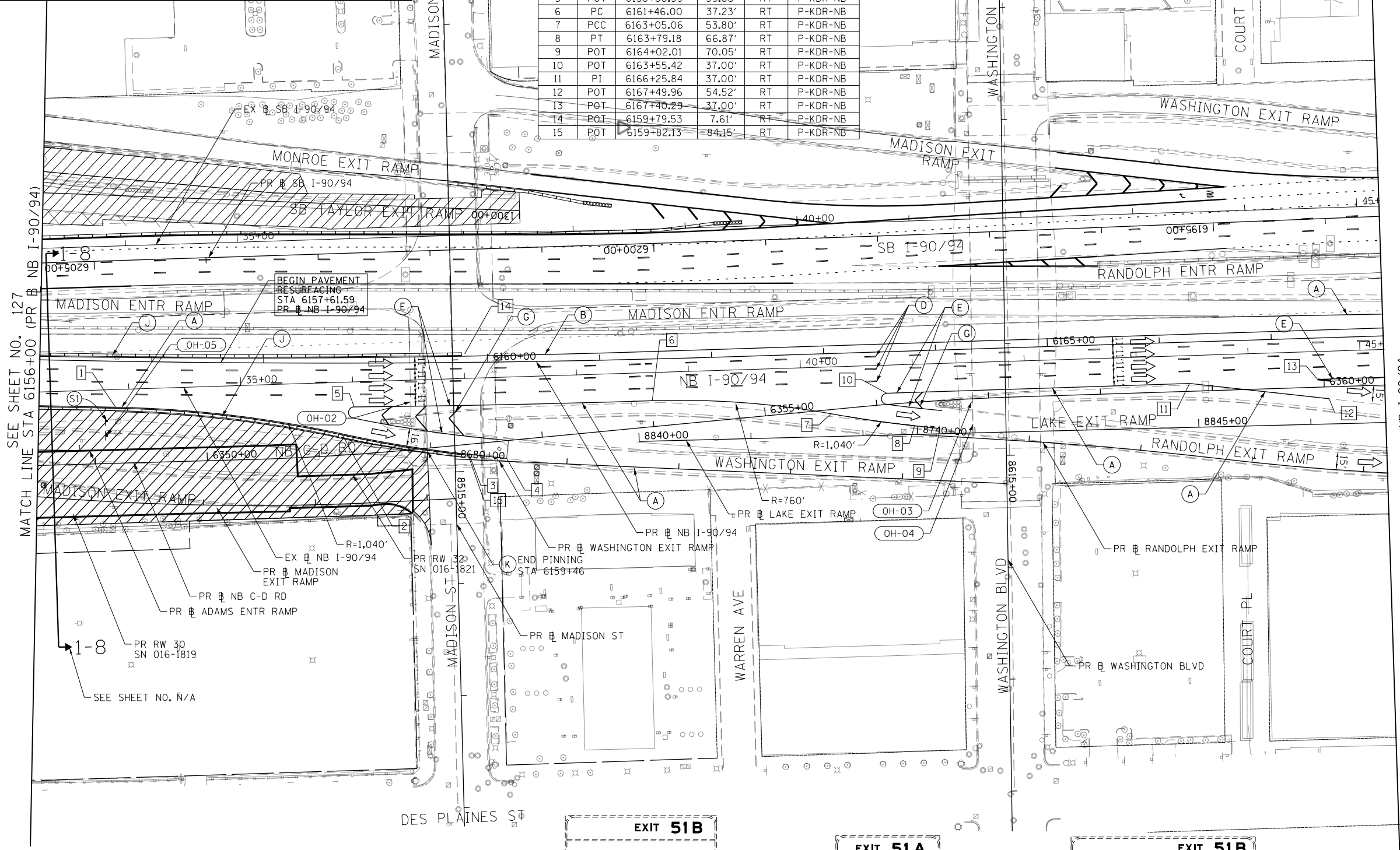
FOR REFERENCE ONLY
SEE NOTE 1



- LEGEND**
- WORK ZONE
 - TEMPORARY CONCRETE BARRIER
 - TEMPORARY IMPACT ATTENUATOR (INSTALLED PER HWY STD 701402)
 - TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
 - DIRECTION OF TRAFFIC FLOW
 - TYPE III BARRICADE
 - ARROW BOARD
 - SIGN
 - TYPE II BARRICADES OR DRUMS @ 100 FT CENTERS
 - DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50 FT CENTERS
 - TEMPORARY PAVEMENT
 - IMPROVEMENTS PREVIOUSLY CONSTRUCTED
 - IMPROVEMENTS CONSTRUCTED THIS STAGE
 - FROM PREVIOUS STAGE TO REMAIN
 - FROM PREVIOUS CONTRACT

PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (G) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (H) TEMP EPOXY PVT MK LETTERS AND SYMBOLS
- (I) TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED (STA AND O/S ARE PLACED WHERE SHY DISTANCE CHANGES)
- (J) REL TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (K) PINNING TEMPORARY CONCRETE BARRIER
- (L) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3
- (M) IMPACT ATTENUATOR, RELOCATE



NOTES:
1. ALL TRAVEL LANES ON NB AND SB I-90/94 SHALL BE MAINTAINED IN CURRENT STAGE AS PER CONTRACTS 62A76, 62A77 AND 62J31. ALL STRIPING AND SIGNING SHOWN IS FOR REFERENCE ONLY. WORK ZONES FOR CONSTRUCTION SHALL BE PROVIDED BY 62A76, 62A77 AND 62J31. SEE STAGING NARRATIVE AND SPECIAL PROVISIONS FOR MORE INFORMATION ABOUT AVAILABLE WORK AREAS AND ADJACENT CONTRACT CONSTRUCTION.

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CHECKED - JMG
DATE - 3-13-2020

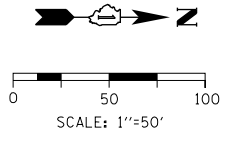
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
I-90/94 STAGE 1
SCALE: 1"=50' SHEET 3 OF 3 SHEETS STA. 6156+00 TO STA. 6168+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-15R&B-R	COOK	825	128
				CONTRACT NO. 60X94
ILLINOIS FED. AID PROJECT				

FOR REFERENCE ONLY
SEE NOTE 1



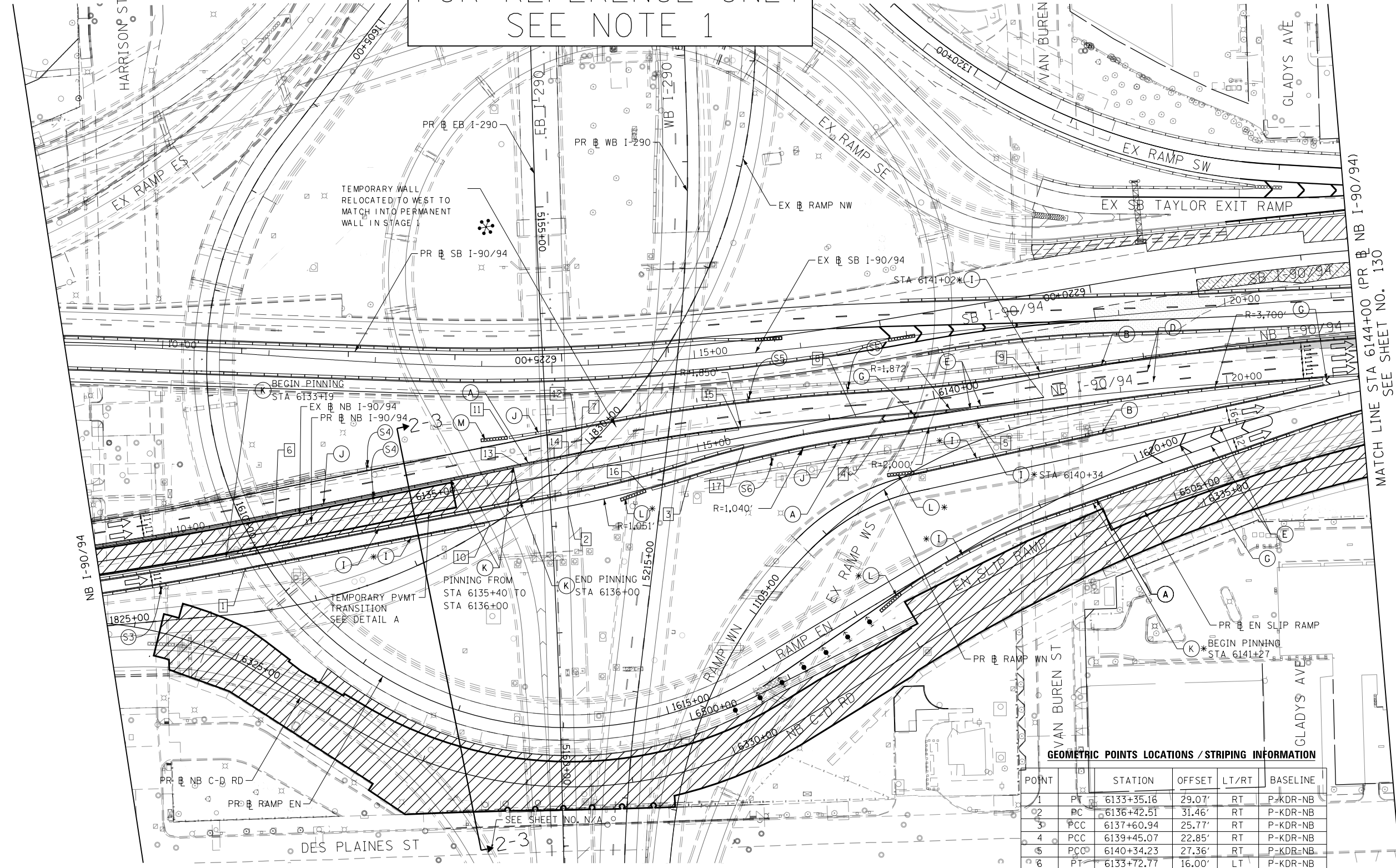
- LEGEND**
- WORK ZONE
 - TEMPORARY CONCRETE BARRIER
 - TEMPORARY IMPACT ATTENUATOR (INSTALLED PER HWY STD 701402)
 - TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
 - DIRECTION OF TRAFFIC FLOW
 - TYPE III BARRICADE
 - ARROW BOARD
 - SIGN
 - TYPE II BARRICADES OR DRUMS @ 100 FT CENTERS
 - DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50 FT CENTERS
 - TEMPORARY PAVEMENT
 - IMPROVEMENTS PREVIOUSLY CONSTRUCTED
 - IMPROVEMENTS CONSTRUCTED THIS STAGE
 - FROM PREVIOUS STAGE TO REMAIN
 - FROM PREVIOUS CONTRACT

PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (G) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (H) TEMP EPOXY PVT MK LETTERS AND SYMBOLS
- (I) TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED (STA AND O/S ARE PLACED WHERE SHY DISTANCE CHANGES)
- (J) REL TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (K) PINNING TEMPORARY CONCRETE BARRIER
- (L) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3
- (M) IMPACT ATTENUATOR, RELOCATE

GEOMETRIC POINTS LOCATIONS / STRIPING INFORMATION

POINT		STATION	OFFSET	LT/RT	BASELINE
1	PT	6133+35.16	29.07'	RT	P-KDR-NB
2	PC	6136+42.51	31.46'	RT	P-KDR-NB
3	PCC	6137+60.94	25.77'	RT	P-KDR-NB
4	PCC	6139+45.07	22.85'	RT	P-KDR-NB
5	PCC	6140+34.23	27.36'	RT	P-KDR-NB
6	PT	6133+72.77	16.00'	LT	P-KDR-NB
7	PC	6136+64.94	16.00'	LT	P-KDR-NB
8	PCC	6139+24.50	2.30'	RT	P-KDR-NB
9	POC	6141+00.91	18.83'	RT	P-KDR-NB
10	POT	6135+68.33	32.84'	RT	P-KDR-NB
11	POT	6136+00.00	42.80'	LT	P-KDR-NB
12	POT	6136+64.94	40.00'	LT	P-KDR-NB
13	POT	6136+06.91	15.00'	LT	P-KDR-NB
14	POT	6136+53.17	14.46'	LT	P-KDR-NB
15	POT	6138+14.39	8.45'	LT	P-KDR-NB
16	POT	6137+17.42	31.42'	RT	P-KDR-NB
17	POT	6138+15.91	8.45'	RT	P-KDR-NB



NOTES:

- ALL TRAVEL LANES ON NB AND SB I-90/94 SHALL BE MAINTAINED IN CURRENT STAGE AS PER CONTRACTS 62A76, 62A77 AND 62J31. ALL STRIPING AND SIGNING SHOWN IS FOR REFERENCE ONLY. WORK ZONES FOR CONSTRUCTION SHALL BE PROVIDED BY 62A76, 62A77 AND 62J31. SEE STAGING NARRATIVE AND SPECIAL PROVISIONS FOR MORE INFORMATION ABOUT AVAILABLE WORK AREAS AND ADJACENT CONTRACT CONSTRUCTION.



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DESIGNED - MRC
 DRAWN - MRC
 CHECKED - JMG
 DATE - 3-13-2020

REVISED -
 REVISED -
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 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
I-90/94 STAGE 2

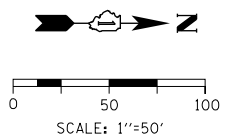
SCALE: 1"=50' SHEET 1 OF 3 SHEETS STA. 6132+00 TO STA. 6144+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-15R&B-R	COOK	825	129
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				

FOR REFERENCE ONLY
SEE NOTE 1

GEOMETRIC POINTS LOCATIONS / STRIPING INFORMATION

POINT		STATION	OFFSET	LT/RT	BASELINE
1	POT	6152+81.02	40.71'	RT	P-KDR-NB
2	POT	6153+39.86	41.00'	RT	P-KDR-NB
3	PC	6155+66.64	41.00'	RT	P-KDR-NB
4	POT	8545+50.65	11.32'	LT	P-MAD-NX
5	POT	6150+76.03	34.99'	RT	P-KDR-NB
6	POT	6152+82.08	42.74'	RT	P-KDR-NB
7	POT	8544+76.42	17.36'	LT	P-MAD-NX

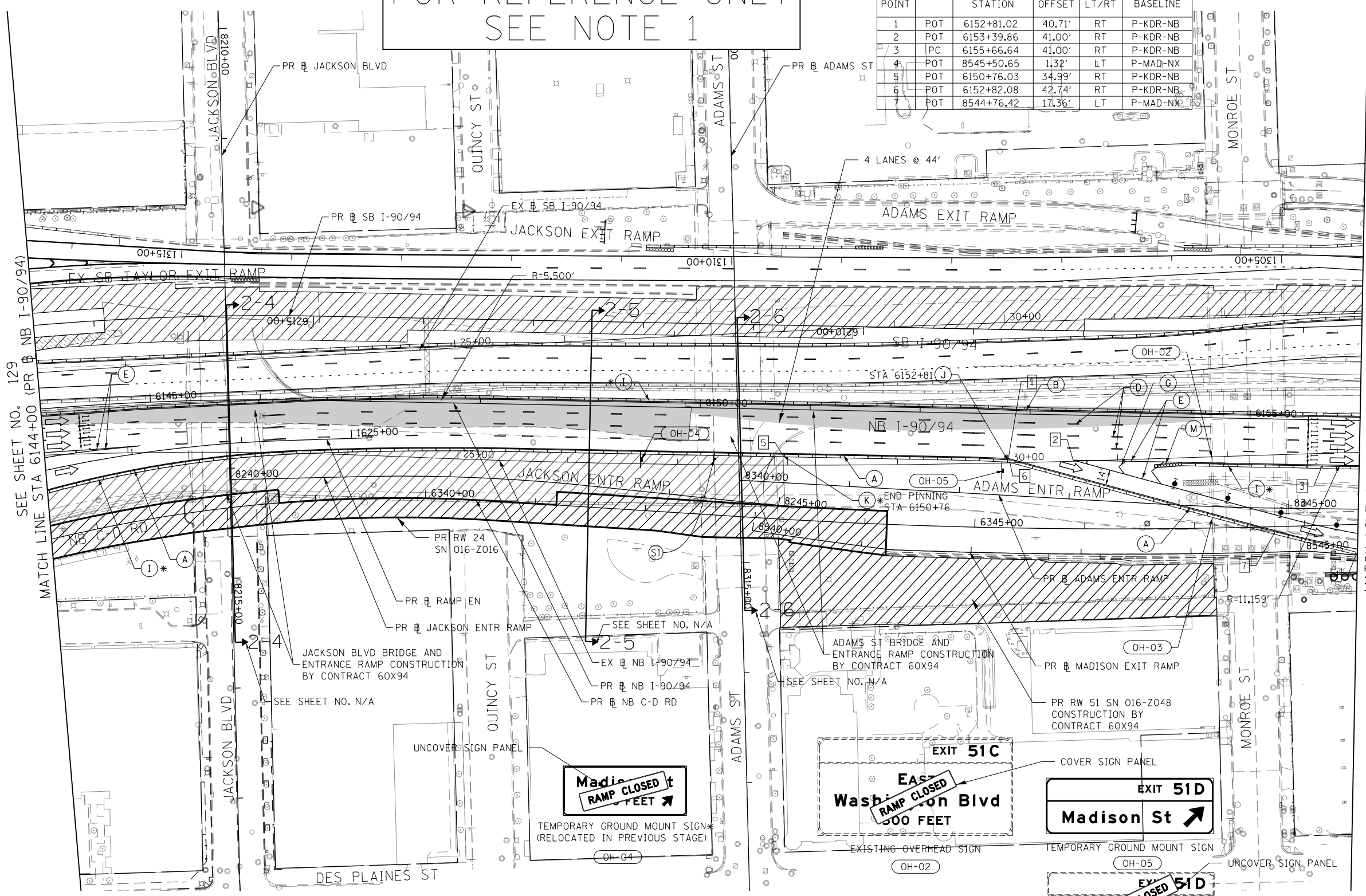


LEGEND

- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR (INSTALLED PER HWY STD 701402)
- TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- ARROW BOARD
- SIGN
- TYPE II BARRICADES OR DRUMS @ 100 FT CENTERS
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50 FT CENTERS
- TEMPORARY PAVEMENT
- IMPROVEMENTS PREVIOUSLY CONSTRUCTED
- IMPROVEMENTS CONSTRUCTED THIS STAGE FROM PREVIOUS STAGE TO REMAIN FROM PREVIOUS CONTRACT

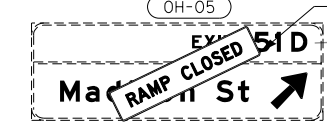
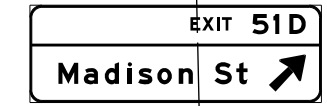
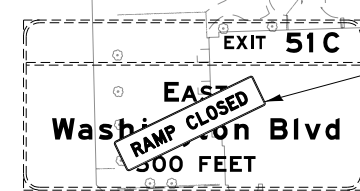
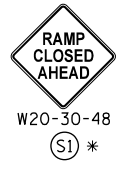
PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
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- (H) TEMP EPOXY PVT MK LETTERS AND SYMBOLS
- (I) TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED (STA AND O/S ARE PLACED WHERE SHY DISTANCE CHANGES)
- (J) REL TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (K) PINNING TEMPORARY CONCRETE BARRIER
- (L) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3
- (M) IMPACT ATTENUATOR, RELOCATE



SEE SHEET NO. 129
MATCH LINE STA 6144+00 (PR B NB I-90/94)

MATCH LINE STA 6156+00 (PR B NB I-90/94)
SEE SHEET NO. 131



NOTES:
1. ALL TRAVEL LANES ON NB AND SB I-90/94 SHALL BE MAINTAINED IN CURRENT STAGE AS PER CONTRACTS 62A76, 62A77 AND 62J31. ALL STRIPING AND SIGNING SHOWN IS FOR REFERENCE ONLY. WORK ZONES FOR CONSTRUCTION SHALL BE PROVIDED BY 62A76, 62A77 AND 62J31. SEE STAGING NARRATIVE AND SPECIAL PROVISIONS FOR MORE INFORMATION ABOUT AVAILABLE WORK AREAS AND ADJACENT CONTRACT CONSTRUCTION.

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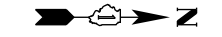
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DATE - 3-13-2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL			
I-90/94 STAGE 2			
SCALE: 1"=50'	SHEET 2 OF 3 SHEETS	STA. 6144+00 TO STA. 6156+00	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-15R&B-R	COOK	825	130
				CONTRACT NO. 60X94
ILLINOIS FED. AID PROJECT				

FOR REFERENCE ONLY
SEE NOTE 1

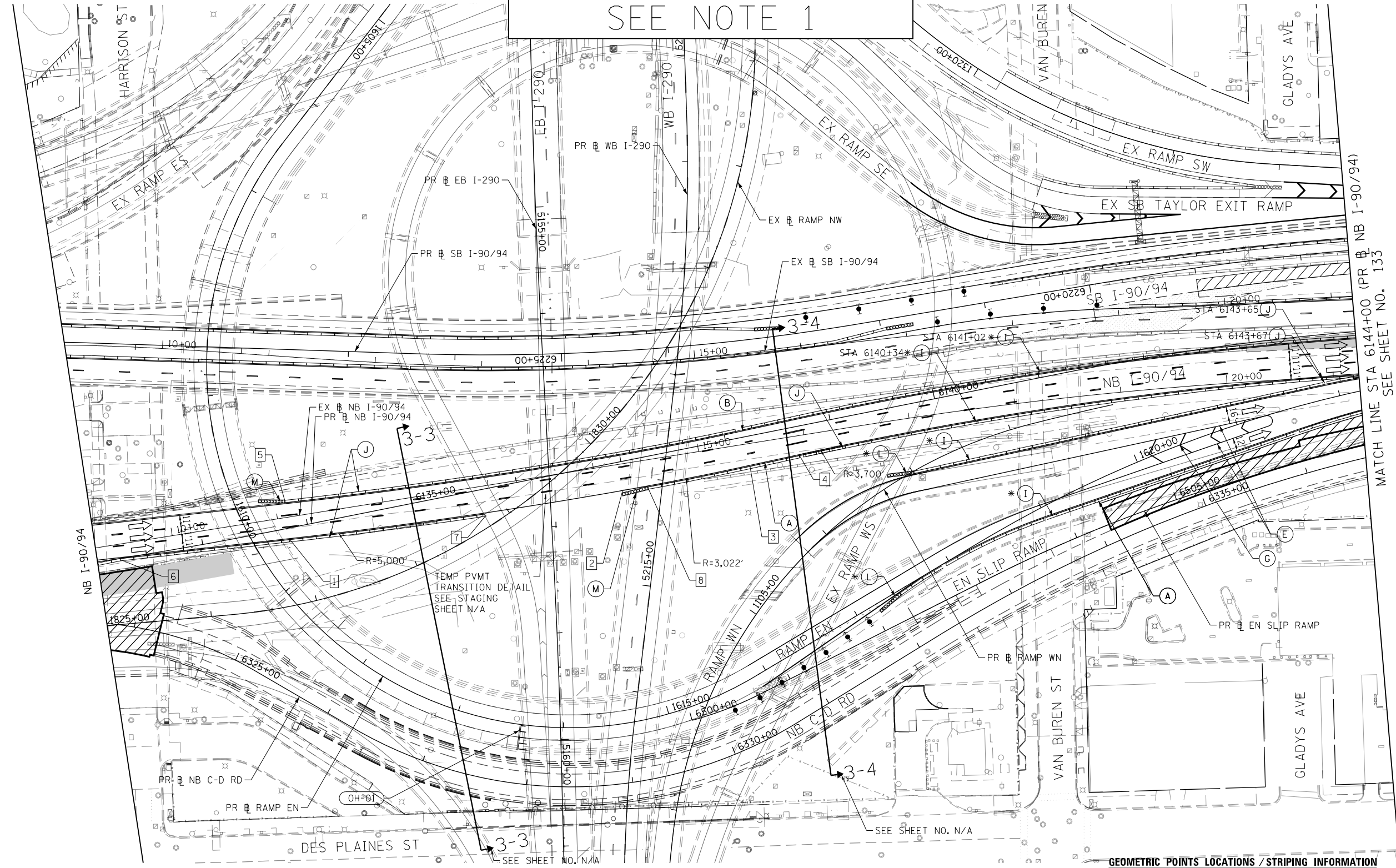


0 50 100
SCALE: 1"=50'

- LEGEND**
- WORK ZONE
 - TEMPORARY CONCRETE BARRIER
 - TEMPORARY IMPACT ATTENUATOR (INSTALLED PER HWY STD 701402)
 - TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
 - DIRECTION OF TRAFFIC FLOW
 - TYPE III BARRICADE
 - ARROW BOARD
 - SIGN
 - TYPE II BARRICADES OR DRUMS
 - @ 100 FT CENTERS
 - DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50 FT CENTERS
 - TEMPORARY PAVEMENT
 - IMPROVEMENTS PREVIOUSLY CONSTRUCTED
 - IMPROVEMENTS CONSTRUCTED THIS STAGE
 - FROM PREVIOUS STAGE TO REMAIN
 - FROM PREVIOUS CONTRACT

PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (G) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (H) TEMP EPOXY PVT MK LETTERS AND SYMBOLS
- (I) TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED (STA AND O/S ARE PLACED WHERE SHY DISTANCE CHANGES)
- (J) REL TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (K) PINNING TEMPORARY CONCRETE BARRIER
- (L) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3
- (M) IMPACT ATTENUATOR, RELOCATE



MATCH LINE STA 6144+00 (PR NB I-90/94) SEE SHEET NO. 133

NOTES:
1. ALL TRAVEL LANES ON NB AND SB I-90/94 SHALL BE MAINTAINED IN CURRENT STAGE AS PER CONTRACTS 62A76, 62A77 AND 62J31. ALL STRIPING AND SIGNING SHOWN IS FOR REFERENCE ONLY. WORK ZONES FOR CONSTRUCTION SHALL BE PROVIDED BY 62A76, 62A77 AND 62J31. SEE STAGING NARRATIVE AND SPECIAL PROVISIONS FOR MORE INFORMATION ABOUT AVAILABLE WORK AREAS AND ADJACENT CONTRACT CONSTRUCTION.

GEOMETRIC POINTS LOCATIONS / STRIPING INFORMATION

POINT		STATION	OFFSET	LT/RT	BASELINE
1	PC	6133+80.64	9.81'	RT	P-KDR-NB
2	PCC	6136+96.22	26.97'	RT	P-KDR-NB
3	PT	6138+17.86	27.29'	RT	P-KDR-NB
4	PC	6138+65.06	26.46'	RT	P-KDR-NB
5	POT	6133+83.65	25.06'	LT	P-KDR-NB
6	PT	6132+21.55	1.22'	RT	P-KDR-NB
7	POT	6135+66.19	24.37'	RT	P-KDR-NB
8	POT	6137+20.18	29.50'	RT	P-KDR-NB

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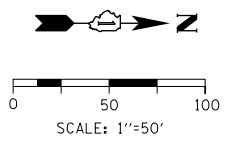
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DRAWN - MRC
CHECKED - JMG
DATE - 3-13-2020

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
I-90/94 STAGE 3
SCALE: 1"=50' SHEET 1 OF 3 SHEETS STA. 6132+00 TO STA. 6144+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-15R&B-R	COOK	825	132
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				

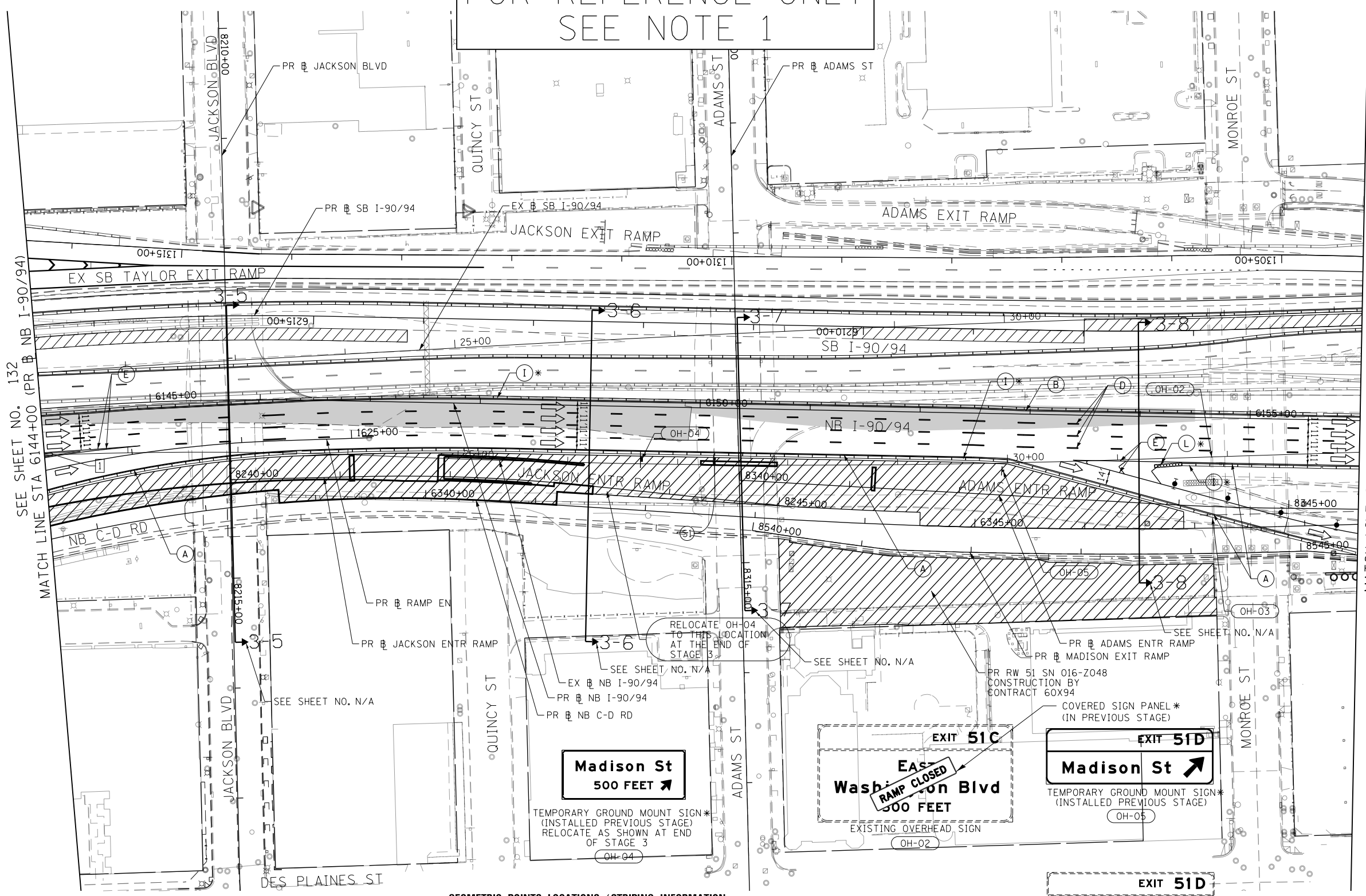
FOR REFERENCE ONLY
SEE NOTE 1



- LEGEND**
- WORK ZONE
 - TEMPORARY CONCRETE BARRIER
 - TEMPORARY IMPACT ATTENUATOR (INSTALLED PER HWY STD 701402)
 - TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
 - DIRECTION OF TRAFFIC FLOW
 - TYPE III BARRICADE
 - ARROW BOARD
 - SIGN
 - TYPE II BARRICADES OR DRUMS @ 100 FT CENTERS
 - DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50 FT CENTERS
 - TEMPORARY PAVEMENT
 - IMPROVEMENTS PREVIOUSLY CONSTRUCTED
 - IMPROVEMENTS CONSTRUCTED THIS STAGE
 - FROM PREVIOUS STAGE TO REMAIN FROM PREVIOUS CONTRACT

PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (G) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (H) TEMP EPOXY PVT MK LETTERS AND SYMBOLS
- (I) TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED (STA AND O/S ARE PLACED WHERE SHY DISTANCE CHANGES)
- (J) REL TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (K) PINNING TEMPORARY CONCRETE BARRIER
- (L) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3
- (M) IMPACT ATTENUATOR, RELOCATE

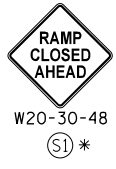


SEE SHEET NO. 132
MATCH LINE STA 6144+00 (PR B NB I-90/94)

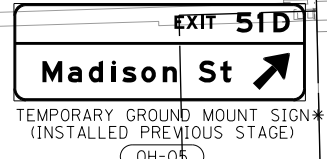
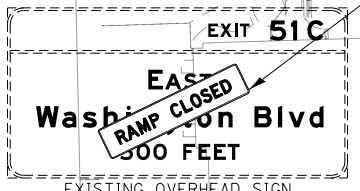
MATCH LINE STA 6156+00 (PR B NB I-90/94)
SEE SHEET NO. 134

GEOMETRIC POINTS LOCATIONS / STRIPING INFORMATION

POINT		STATION	OFFSET	LT/RT	BASELINE
1	POT	6144+07.40	41.87'	RT	P-KDR-NB



Madison St
500 FEET



NOTES:
1. ALL TRAVEL LANES ON NB AND SB I-90/94 SHALL BE MAINTAINED IN CURRENT STAGE AS PER CONTRACTS 62A76, 62A77 AND 62J31. ALL STRIPING AND SIGNING SHOWN IS FOR REFERENCE ONLY. WORK ZONES FOR CONSTRUCTION SHALL BE PROVIDED BY 62A76, 62A77 AND 62J31. SEE STAGING NARRATIVE AND SPECIAL PROVISIONS FOR MORE INFORMATION ABOUT AVAILABLE WORK AREAS AND ADJACENT CONTRACT CONSTRUCTION.

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PLOT SCALE = 100.0000' / in.
PLOT DATE = 3/6/2020

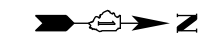
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DRAWN - MRC
CHECKED - JMG
DATE - 3-13-2020

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
I-90/94 STAGE 3
SCALE: 1"=50' SHEET 2 OF 3 SHEETS STA. 6144+00 TO STA. 6156+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-15R&B-R	COOK	825	133
				CONTRACT NO. 60X94
ILLINOIS FED. AID PROJECT				



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SCALE: 1"=50'

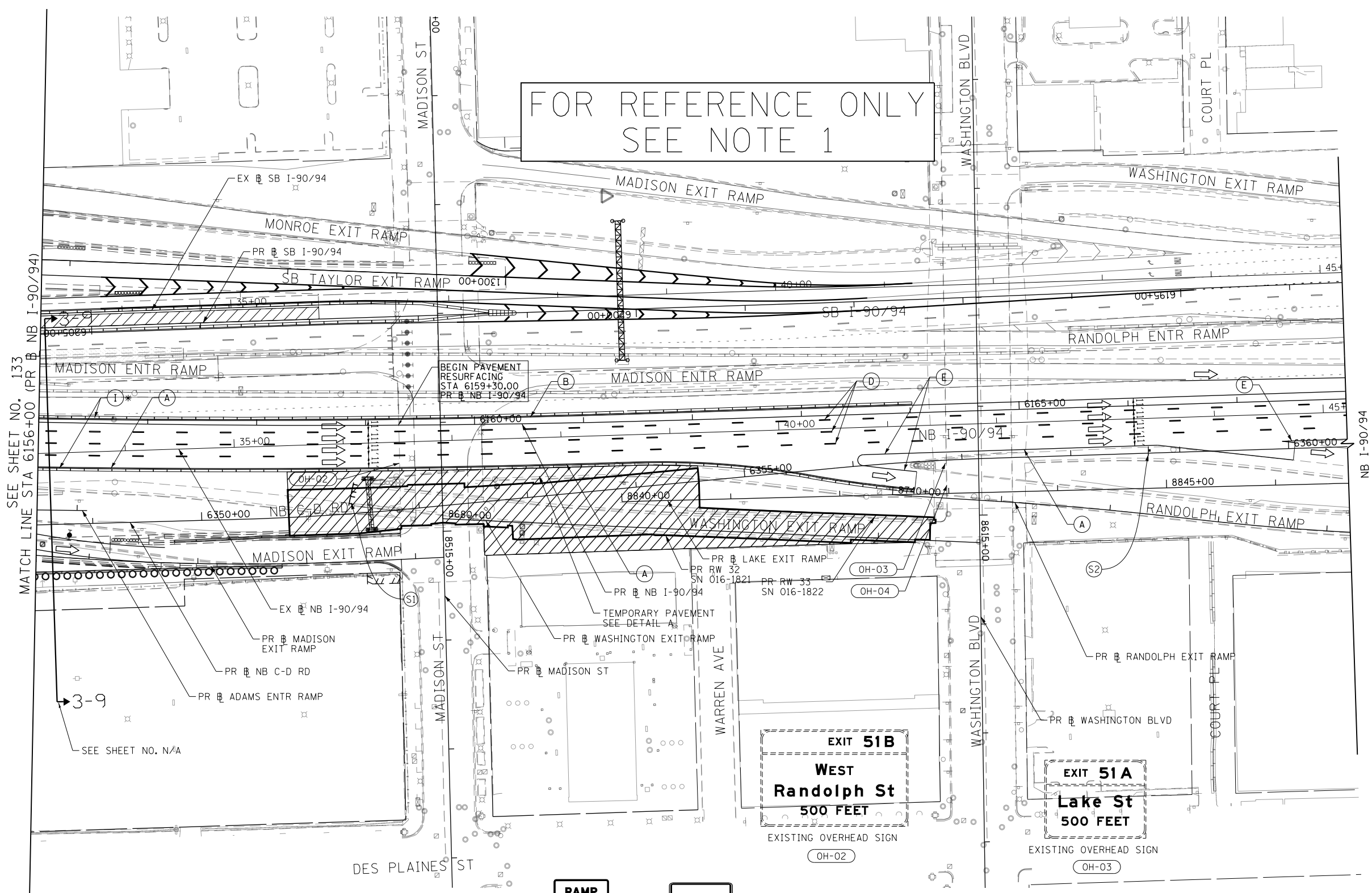
LEGEND

- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR (INSTALLED PER HWY STD 701402)
- TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- ARROW BOARD
- SIGN
- TYPE II BARRICADES OR DRUMS @ 100 FT CENTERS
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50 FT CENTERS
- TEMPORARY PAVEMENT
- IMPROVEMENTS PREVIOUSLY CONSTRUCTED
- IMPROVEMENTS CONSTRUCTED THIS STAGE FROM PREVIOUS STAGE TO REMAIN
- ** FROM PREVIOUS CONTRACT

PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (G) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (H) TEMP EPOXY PVT MK LETTERS AND SYMBOLS
- (I) TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED (STA AND O/S ARE PLACED WHERE SHY DISTANCE CHANGES)
- (J) REL TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (K) PINNING TEMPORARY CONCRETE BARRIER
- (L) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3
- (M) IMPACT ATTENUATOR, RELOCATE

FOR REFERENCE ONLY
SEE NOTE 1



SEE SHEET NO. 133
MATCH LINE STA 6156+00 (PR NB I-90/94)

BEGIN PAVEMENT RESURFACING
STA 6159+30.00
PR NB I-90/94

EXIT 51B
WEST
Randolph St
500 FEET

EXIT 51A
Lake St
500 FEET



NOTES:
1. ALL TRAVEL LANES ON NB AND SB I-90/94 SHALL BE MAINTAINED IN CURRENT STAGE AS PER CONTRACTS 62A76, 62A77 AND 62J31. ALL STRIPING AND SIGNING SHOWN IS FOR REFERENCE ONLY. WORK ZONES FOR CONSTRUCTION SHALL BE PROVIDED BY 62A76, 62A77 AND 62J31. SEE STAGING NARRATIVE AND SPECIAL PROVISIONS FOR MORE INFORMATION ABOUT AVAILABLE WORK AREAS AND ADJACENT CONTRACT CONSTRUCTION.

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CHECKED - JMG
DATE - 3-13-2020

REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
I-90/94 STAGE 3

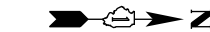
SCALE: 1"=50' SHEET 3 OF 3 SHEETS STA. 6156+00 TO STA. 6168+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-15R&B-R	COOK	825	134
				CONTRACT NO. 60X94
ILLINOIS FED. AID PROJECT				

FOR REFERENCE ONLY
SEE NOTE 1

GEOMETRIC POINTS LOCATIONS / STRIPING INFORMATION

POINT		STATION	OFFSET	LT/RT	BASELINE	POINT		STATION	OFFSET	LT/RT	BASELINE
1	PT	6337+81.64	12.00'	RT	P-NCD-NX	11	PT	6148+83.87	40.01'	RT	P-KDR-NB
2	PC	6338+57.81	15.00'	RT	P-NCD-NX	12	POT	6154+53.95	30.00'	RT	P-KDR-NB
3	PT	6340+62.48	15.00'	RT	P-NCD-NX	13	PC	6154+83.14	29.62'	RT	P-KDR-NB
4	PI	6341+33.89	15.00'	RT	P-NCD-NX	14	PI	6341+33.41	2.00'	RT	P-NCD-NX
5	PI	6342+09.62	12.00'	RT	P-NCD-NX	15	PI	6341+65.54	2.00'	LT	P-NCD-NX
6	PC	6342+98.44	12.00'	RT	P-NCD-NX	16	PT	6344+11.87	2.00'	LT	P-NCD-NX
7	PT	6343+65.97	12.00'	RT	P-NCD-NX	17	PC	6344+51.25	3.00'	RT	P-NCD-NX
8	PC	6344+41.13	15.00'	RT	P-NCD-NX	18	PT	6346+88.98	3.00'	RT	P-NCD-NX
9	PT	6346+96.57	15.00'	RT	P-NCD-NX	19	PC	6347+27.93	2.00'	LT	P-NCD-NX
10	PI	6347+71.06	12.00'	RT	P-NCD-NX	20	PT	6348+01.87	2.00'	LT	P-NCD-NX



0 50 100
SCALE: 1"=50'

LEGEND

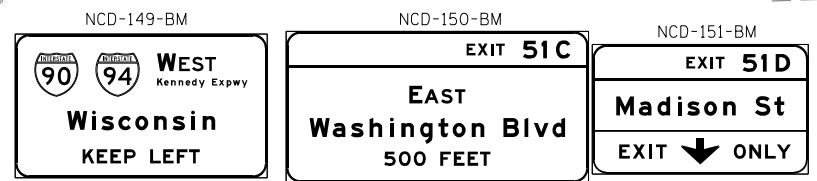
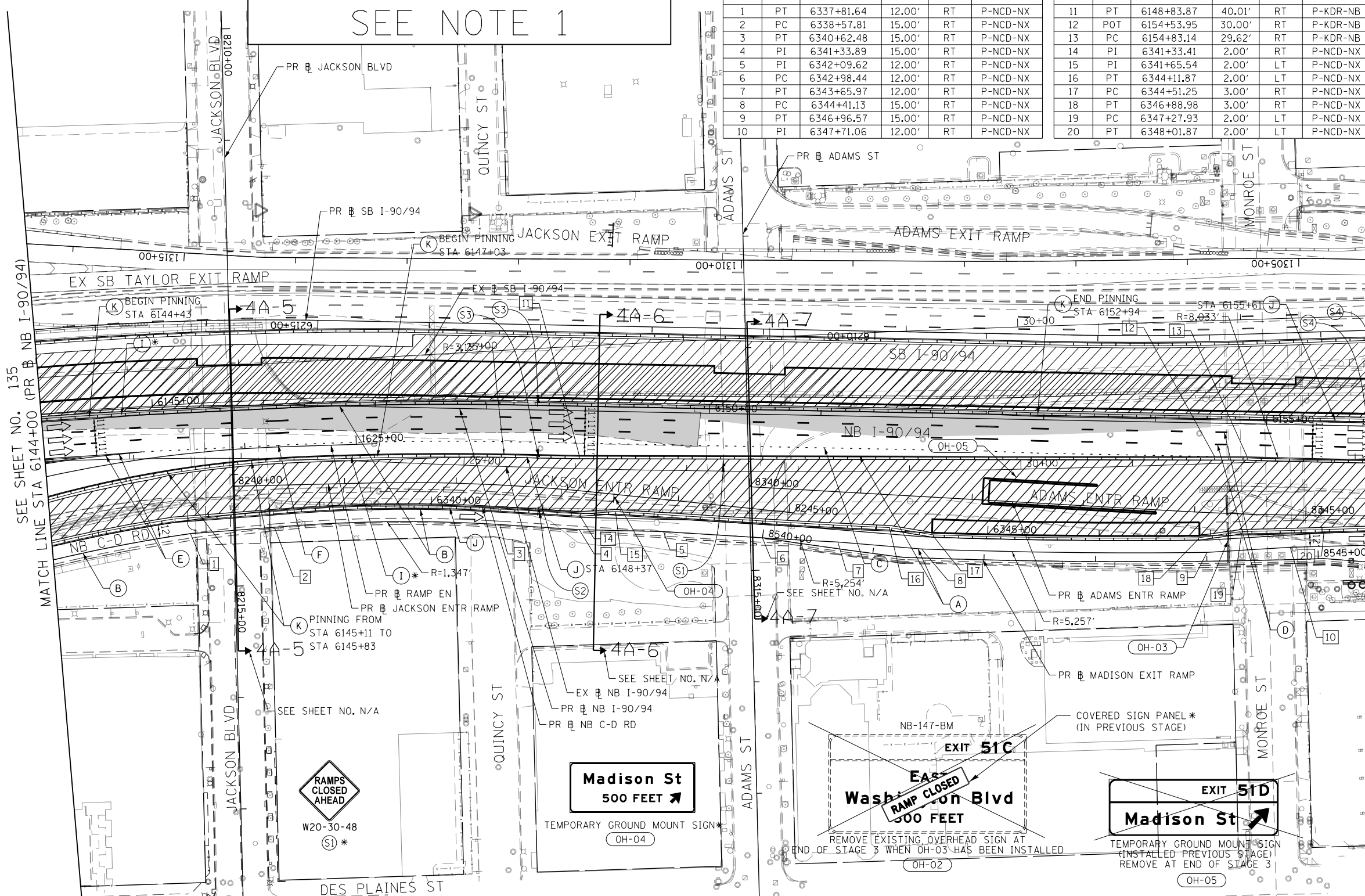
- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR (INSTALLED PER HWY STD 701402)
- TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- ARROW BOARD
- SIGN
- TYPE II BARRICADES OR DRUMS @ 100 FT CENTERS
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50 FT CENTERS
- TEMPORARY PAVEMENT
- IMPROVEMENTS PREVIOUSLY CONSTRUCTED
- IMPROVEMENTS CONSTRUCTED THIS STAGE
- FROM PREVIOUS STAGE TO REMAIN FROM PREVIOUS CONTRACT

PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (G) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (H) TEMP EPOXY PVT MK LETTERS AND SYMBOLS
- (I) TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED (STA AND O/S ARE PLACED WHERE SHY DISTANCE CHANGES)
- (J) REL TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (K) PINNING TEMPORARY CONCRETE BARRIER
- (L) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3
- (M) IMPACT ATTENUATOR, RELOCATE

SEE SHEET NO. 135
MATCH LINE STA 6144+00 (PR B NB I-90/94)

MATCH LINE STA 6156+00 (PR B NB I-90/94)
SEE SHEET NO. 137



PROPOSED OVERHEAD BRIDGE MOUNTED SIGNS*

NOTES:
1. ALL TRAVEL LANES ON NB AND SB I-90/94 SHALL BE MAINTAINED IN CURRENT STAGE AS PER CONTRACTS 62A76, 62A77 AND 62J31. ALL STRIPING AND SIGNING SHOWN IS FOR REFERENCE ONLY. WORK ZONES FOR CONSTRUCTION SHALL BE PROVIDED BY 62A76, 62A77 AND 62J31. SEE STAGING NARRATIVE AND SPECIAL PROVISIONS FOR MORE INFORMATION ABOUT AVAILABLE WORK AREAS AND ADJACENT CONTRACT CONSTRUCTION.

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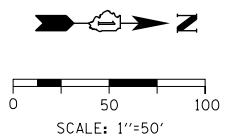
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
I-90/94 STAGE 4A
SCALE: 1"=50' SHEET 2 OF 3 SHEETS STA. 6144+00 TO STA. 6156+00

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-15R&B-R	COOK	825	136
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				

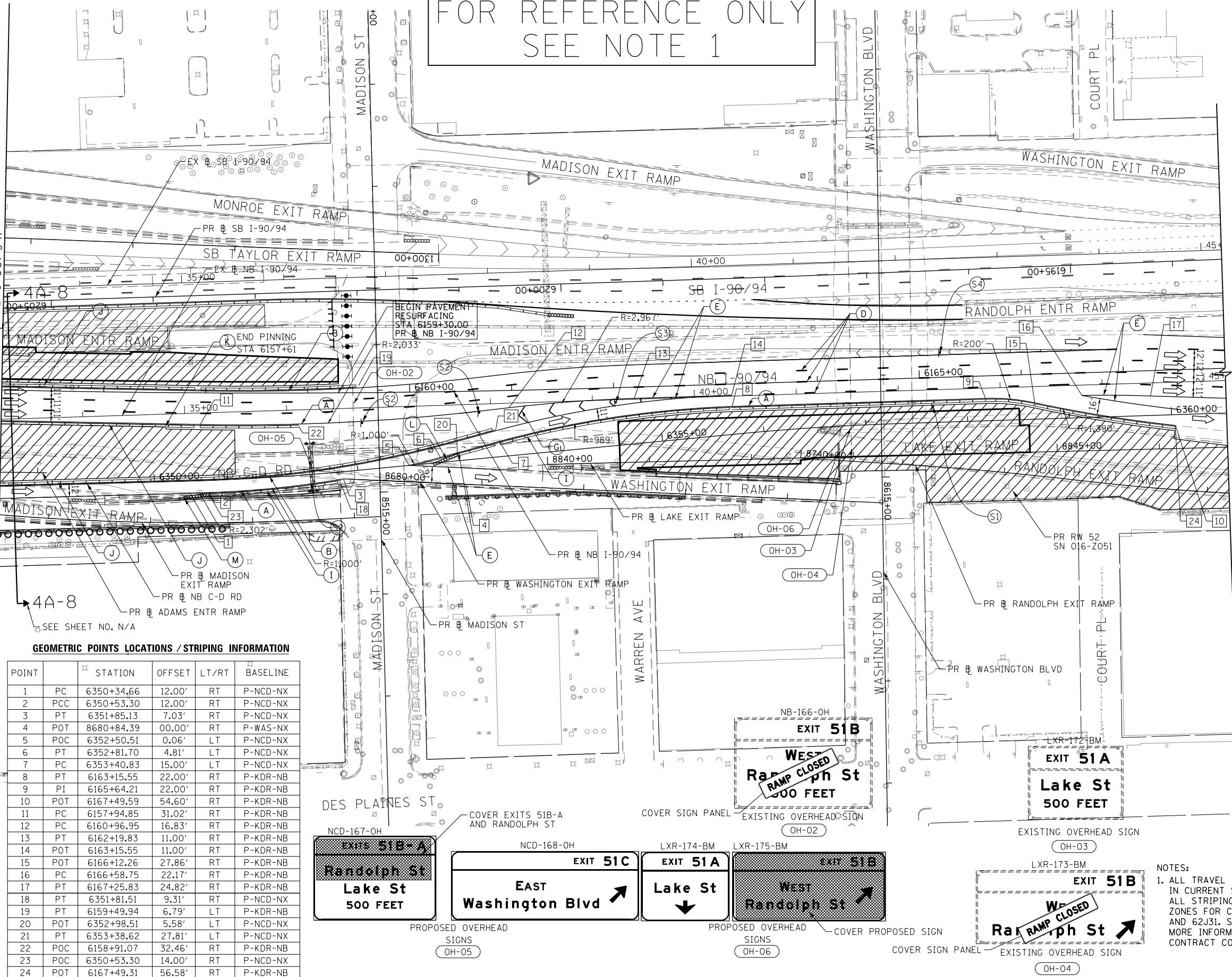
FOR REFERENCE ONLY
SEE NOTE 1



- LEGEND**
- WORK ZONE
 - TEMPORARY CONCRETE BARRIER
 - TEMPORARY IMPACT ATTENUATOR (INSTALLED PER HWY STD 701402)
 - TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
 - DIRECTION OF TRAFFIC FLOW
 - TYPE III BARRICADE
 - ARROW BOARD
 - SIGN
 - TYPE II BARRICADES OR DRUMS @ 100 FT CENTERS
 - DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50 FT CENTERS
 - TEMPORARY PAVEMENT
 - IMPROVEMENTS PREVIOUSLY CONSTRUCTED
 - IMPROVEMENTS CONSTRUCTED THIS STAGE FROM PREVIOUS STAGE TO REMAIN
 - ** FROM PREVIOUS CONTRACT

PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
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- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
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- (K) PINNING TEMPORARY CONCRETE BARRIER
- (L) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3
- (M) IMPACT ATTENUATOR, RELOCATE



GEOMETRIC POINTS LOCATIONS / STRIPING INFORMATION

POINT		STATION	OFFSET	LT/RT	BASELINE
1	PC	6350+34.66	12.00'	RT	P-NCD-NX
2	PCC	6350+53.30	12.00'	RT	P-NCD-NX
3	PT	6351+85.13	7.03'	RT	P-NCD-NX
4	POT	8680+84.39	00.00'	RT	P-WAS-NX
5	POC	6352+50.51	0.06'	LT	P-NCD-NX
6	PT	6352+81.70	4.81'	LT	P-NCD-NX
7	PC	6353+40.83	15.00'	LT	P-NCD-NX
8	PT	6163+15.55	22.00'	RT	P-KDR-NB
9	PI	6165+64.21	22.00'	RT	P-KDR-NB
10	POT	6167+49.59	54.60'	RT	P-KDR-NB
11	PC	6157+94.85	31.02'	RT	P-KDR-NB
12	PC	6160+96.95	16.83'	RT	P-KDR-NB
13	PT	6162+19.83	11.00'	RT	P-KDR-NB
14	POT	6163+15.55	11.00'	RT	P-KDR-NB
15	POT	6166+12.26	27.86'	RT	P-KDR-NB
16	PC	6166+58.75	22.17'	RT	P-KDR-NB
17	PT	6167+25.83	24.82'	RT	P-KDR-NB
18	PT	6351+81.51	9.31'	RT	P-NCD-NX
19	PT	6159+49.94	6.79'	LT	P-KDR-NB
20	POT	6352+98.51	5.58'	LT	P-NCD-NX
21	PT	6353+38.62	27.81'	LT	P-NCD-NX
22	POC	6158+91.07	32.46'	RT	P-KDR-NB
23	POC	6350+53.30	14.00'	RT	P-NCD-NX
24	POT	6167+49.31	56.58'	RT	P-KDR-NB

NOTES:
1. ALL TRAVEL LANES ON NB AND SB I-90/94 SHALL BE MAINTAINED IN CURRENT STAGE AS PER CONTRACTS 62A76, 62A77 AND 62J31. ALL STRIPING AND SIGNING SHOWN IS FOR REFERENCE ONLY. WORK ZONES FOR CONSTRUCTION SHALL BE PROVIDED BY 62A76, 62A77 AND 62J31. SEE STAGING NARRATIVE AND SPECIAL PROVISIONS FOR MORE INFORMATION ABOUT AVAILABLE WORK AREAS AND ADJACENT CONTRACT CONSTRUCTION.



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PLOT DATE = 3/6/2020

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CHECKED - JMG
DATE - 3-13-2020

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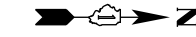
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
I-90/94 STAGE 4A**

SCALE: 1"=50' SHEET 3 OF 3 SHEETS STA. 6156+00 TO STA. 6168+00

F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-15R&B-R	COOK	825	137
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				

FOR REFERENCE ONLY
SEE NOTE 1

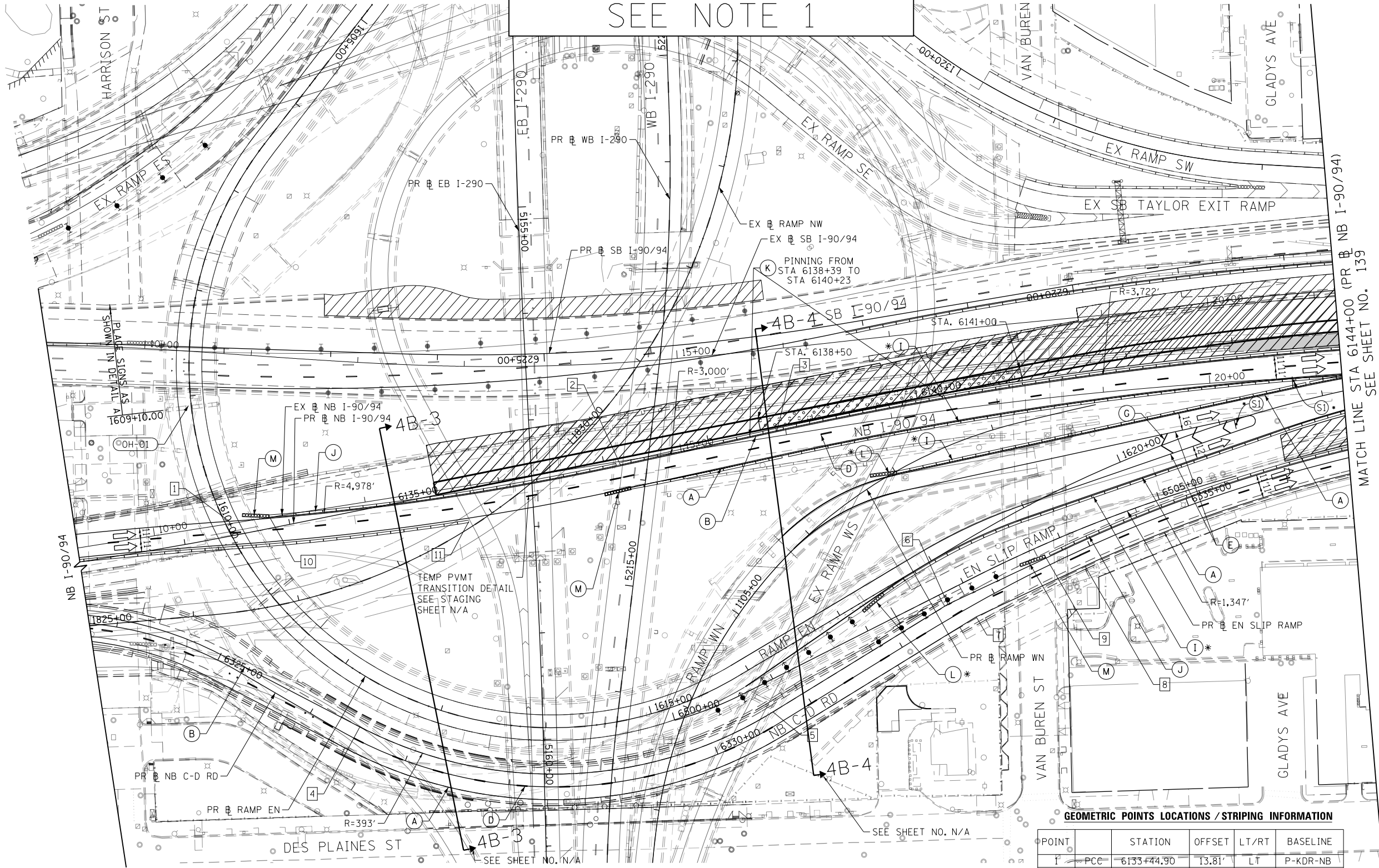


0 50 100
SCALE: 1"=50'

- LEGEND**
- WORK ZONE
 - TEMPORARY CONCRETE BARRIER
 - TEMPORARY IMPACT ATTENUATOR (INSTALLED PER HWY STD 701402)
 - TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
 - DIRECTION OF TRAFFIC FLOW
 - TYPE III BARRICADE
 - ARROW BOARD
 - SIGN
 - TYPE II BARRICADES OR DRUMS @ 100 FT CENTERS
 - DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50 FT CENTERS
 - TEMPORARY PAVEMENT
 - IMPROVEMENTS PREVIOUSLY CONSTRUCTED
 - IMPROVEMENTS CONSTRUCTED THIS STAGE
 - FROM PREVIOUS STAGE TO REMAIN
 - FROM PREVIOUS CONTRACT

PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (G) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (H) TEMP EPOXY PVT MK LETTERS AND SYMBOLS
- (I) TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED (STA AND O/S ARE PLACED WHERE SHY DISTANCE CHANGES)
- (J) REL TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (K) PINNING TEMPORARY CONCRETE BARRIER
- (L) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3
- (M) IMPACT ATTENUATOR, RELOCATE



**Downtown Exits
1000 FEET**

Madison St	51D
Washington Blvd	51C
Randolph St	51B
Lake St	51A

NOTES:

1. ALL TRAVEL LANES ON NB AND SB I-90/94 SHALL BE MAINTAINED IN CURRENT STAGE AS PER CONTRACTS 62A76, 62A77 AND 62J31. ALL STRIPING AND SIGNING SHOWN IS FOR REFERENCE ONLY. WORK ZONES FOR CONSTRUCTION SHALL BE PROVIDED BY 62A76, 62A77 AND 62J31. SEE STAGING NARRATIVE AND SPECIAL PROVISIONS FOR MORE INFORMATION ABOUT AVAILABLE WORK AREAS AND ADJACENT CONTRACT CONSTRUCTION.

GEOMETRIC POINTS LOCATIONS / STRIPING INFORMATION

POINT	STATION	OFFSET	LT/RT	BASELINE
1	PCC 6133+44.90	13.81'	LT	P-KDR-NB
2	PT 6137+15.16	7.08'	RT	P-KDR-NB
3	PC 6138+64.68	4.46'	RT	P-KDR-NB
4	POC 6326+47.20	12.00'	LT	P-NCD-NX
5	PT 6330+64.91	12.00'	LT	P-NCD-NX
6	PT 6332+57.20	12.38'	LT	P-NCD-NX
7	PT 6332+74.38	11.11'	RT	P-NCD-NX
8	PC 6333+88.00	15.00'	RT	P-NCD-NX
9	POC 6333+58.15	9.11'	LT	P-NCD-NX
10	POT 6133+82.40	11.29'	LT	P-KDR-NB
11	POT 6135+65.29	30.24'	RT	P-KDR-NB

EXISTING OVERHEAD SIGN TO REMAIN
OH-01

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DRAWN - MRC
CHECKED - JMG
DATE - 3-13-2020

REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
I-90/94 STAGE 4B

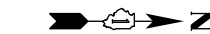
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-15R&B-R	COOK	825	138
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				

FOR REFERENCE ONLY
SEE NOTE 1

GEOMETRIC POINTS LOCATIONS / STRIPING INFORMATION

POINT	STATION	OFFSET	LT/RT	BASELINE	POINT	STATION	OFFSET	LT/RT	BASELINE		
1	PC	6157+17.92	5.37'	RT	P-KDR-NB	11	POT	6159+49.49	2.94'	RT	P-KDR-NB
2	PCC	6158+89.83	5.82'	RT	P-KDR-NB	12	POT	6159+53.41	28.83'	RT	P-KDR-NB
3	POT	6161+26.42	9.76'	LT	P-KDR-NB	13	PT	6351+44.02	8.89'	LT	P-NCD-NX
4	PT	6349+04.90	14.00'	RT	P-NCD-NX	14	POC	6353+50.90	30.66'	LT	P-NCD-NX
5	PI	6350+34.74	14.00'	RT	P-NCD-NX	15	POC	6353+33.54	1.16'	LT	P-NCD-NX
6	PC	6351+43.68	14.11'	RT	P-NCD-NX						
7	POC	6352+22.98	12.35'	RT	P-NCD-NX						
8	POC	6352+87.65	5.28'	RT	P-NCD-NX						
9	PCC	6353+70.19	11.85'	LT	P-NCD-NX						
10	POC	6163+19.24	22.00'	RT	P-KDR-NB						



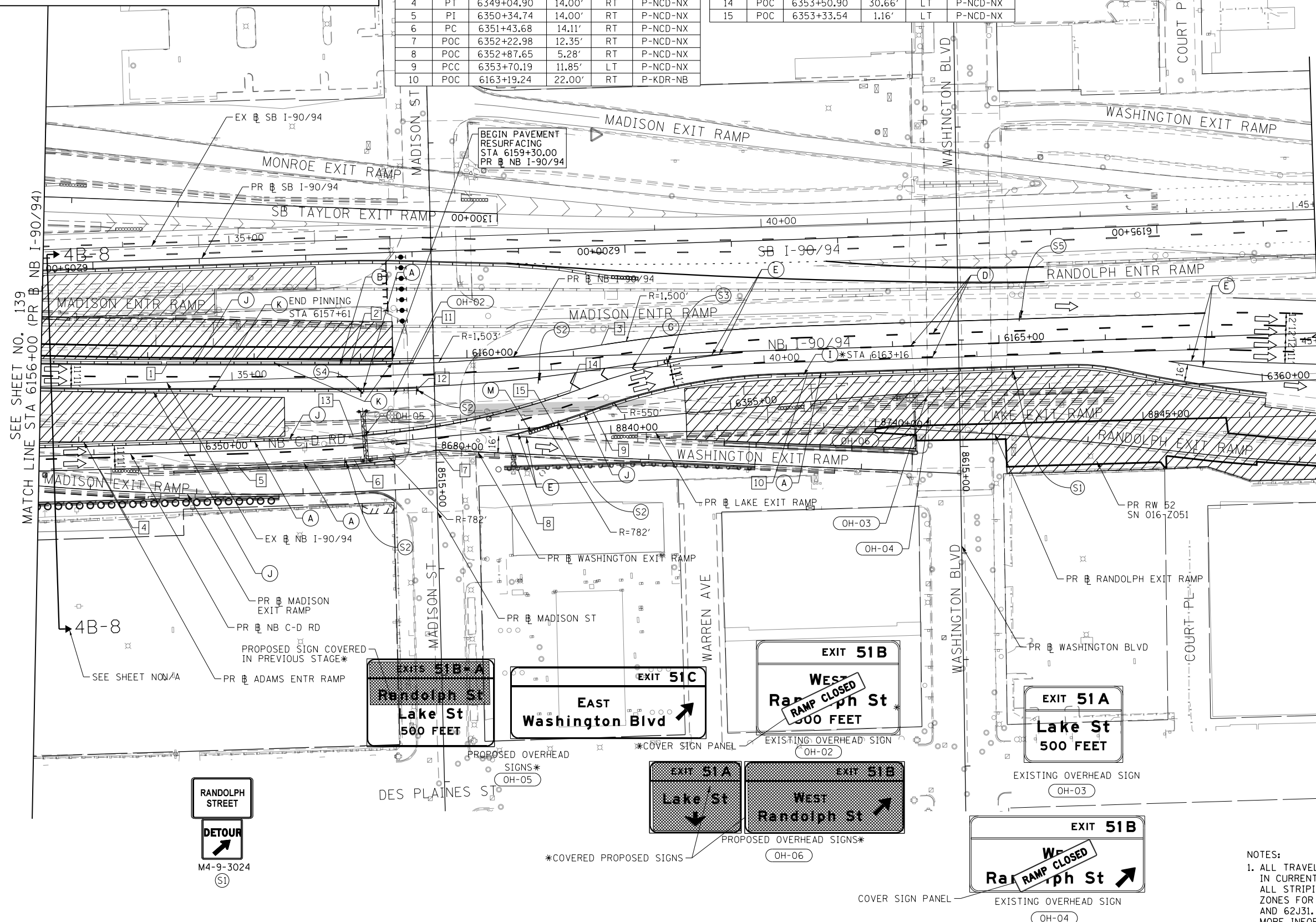
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SCALE: 1"=50'

LEGEND

- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR (INSTALLED PER HWY STD 701402)
- TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- ARROW BOARD
- SIGN
- TYPE II BARRICADES OR DRUMS @ 100 FT CENTERS
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50 FT CENTERS
- TEMPORARY PAVEMENT
- IMPROVEMENTS PREVIOUSLY CONSTRUCTED
- IMPROVEMENTS CONSTRUCTED THIS STAGE
- FROM PREVIOUS STAGE TO REMAIN
- FROM PREVIOUS CONTRACT

PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
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- (H) TEMP EPOXY PVT MK LETTERS AND SYMBOLS
- (I) TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED (STA AND O/S ARE PLACED WHERE SHY DISTANCE CHANGES)
- (J) REL TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (K) PINNING TEMPORARY CONCRETE BARRIER
- (L) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3
- (M) IMPACT ATTENUATOR, RELOCATE



NOTES:
1. ALL TRAVEL LANES ON NB AND SB I-90/94 SHALL BE MAINTAINED IN CURRENT STAGE AS PER CONTRACTS 62A76, 62A77 AND 62J31. ALL STRIPING AND SIGNING SHOWN IS FOR REFERENCE ONLY. WORK ZONES FOR CONSTRUCTION SHALL BE PROVIDED BY 62A76, 62A77 AND 62J31. SEE STAGING NARRATIVE AND SPECIAL PROVISIONS FOR MORE INFORMATION ABOUT AVAILABLE WORK AREAS AND ADJACENT CONTRACT CONSTRUCTION.

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DATE - 3-13-2020

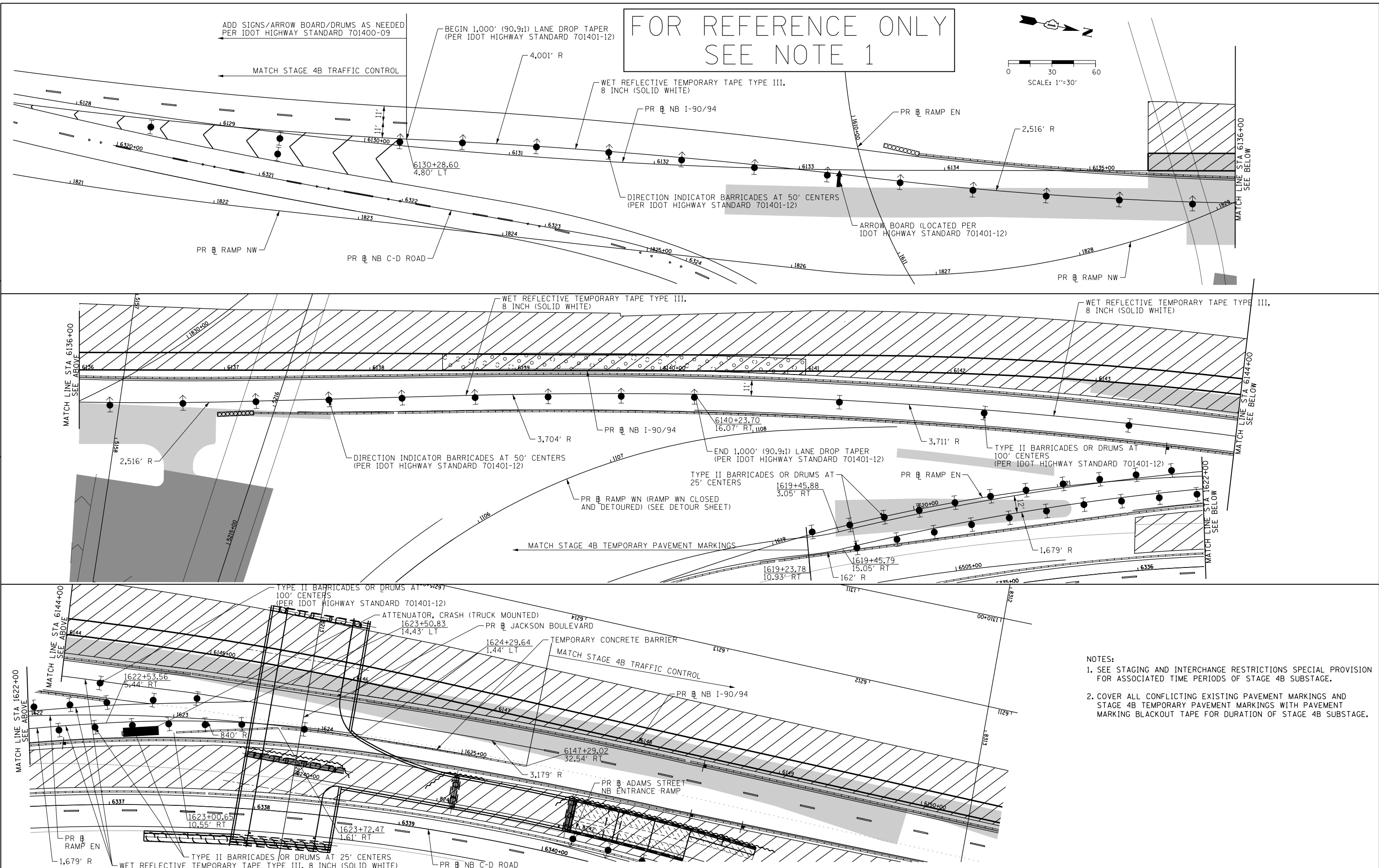
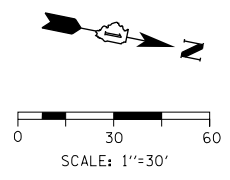
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
I-90/94 STAGE 4B
SCALE: 1"=50' SHEET 3 OF 4 SHEETS STA. 6156+00 TO STA. 6168+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-15R&B-R	COOK	825	140
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				

FOR REFERENCE ONLY
SEE NOTE 1



- NOTES:
1. SEE STAGING AND INTERCHANGE RESTRICTIONS SPECIAL PROVISION FOR ASSOCIATED TIME PERIODS OF STAGE 4B SUBSTAGE.
 2. COVER ALL CONFLICTING EXISTING PAVEMENT MARKINGS AND STAGE 4B TEMPORARY PAVEMENT MARKINGS WITH PAVEMENT MARKING BLACKOUT TAPE FOR DURATION OF STAGE 4B SUBSTAGE.



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

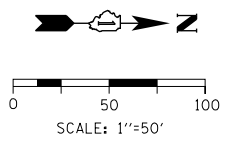
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
DETAILS - STAGE 4B JACKSON BLVD OVERNIGHT SUBSTAGE

SCALE: 1"=30' SHEET 4 OF 4 SHEETS STA. 6128+00 TO STA. 6150+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	141
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				

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FOR REFERENCE ONLY
SEE NOTE 1



- LEGEND**
- WORK ZONE
 - TEMPORARY CONCRETE BARRIER
 - TEMPORARY IMPACT ATTENUATOR (INSTALLED PER HWY STD 701402)
 - TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
 - DIRECTION OF TRAFFIC FLOW
 - TYPE III BARRICADE
 - ARROW BOARD
 - SIGN
 - TYPE II BARRICADES OR DRUMS @ 100 FT CENTERS
 - DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50 FT CENTERS
 - TEMPORARY PAVEMENT
 - IMPROVEMENTS PREVIOUSLY CONSTRUCTED
 - IMPROVEMENTS CONSTRUCTED THIS STAGE
 - FROM PREVIOUS STAGE TO REMAIN
 - FROM PREVIOUS CONTRACT

PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
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- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (G) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
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- (L) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3
- (M) IMPACT ATTENUATOR, RELOCATE

GEOMETRIC POINTS LOCATIONS / STRIPING INFORMATION

POINT		STATION	OFFSET	LT/RT	BASELINE
1	PT	6132+13.42	12.57'	LT	P-KDR-NB
2	PI	6137+60.72	16.00'	LT	P-KDR-NB
3	PI	6139+26.71	14.00'	LT	P-KDR-NB
4	PC	6141+24.44	14.00'	RT	P-KDR-NB
5	POT	1621+28.17	10.16'	RT	P-CIR-EN
6	PC	1622+02.71	4.94'	RT	P-CIR-EN
7	POT	6132+41.04	9.15'	LT	P-KDR-NB
8	POT	1619+45.56	0.11'	RT	P-CIR-EN
9	POT	1621+28.10	8.16'	RT	P-CIR-EN
10	PT	6137+60.70	11.51'	LT	P-KDR-NB
11	PT	6139+32.59	9.92'	LT	P-KDR-NB
12	PC	1619+02.89	5.40'	LT	P-CIR-EN
13	PT	1618+57.78	11.20'	LT	P-CIR-EN
14	POT	1617+70.05	21.73'	LT	P-CIR-EN

**Downtown Exits
1000 FEET**

Madison St	51D
Washington Blvd	51C
Randolph St	51B
Lake St	51A

NOTES:
1. ALL TRAVEL LANES ON NB AND SB I-90/94 SHALL BE MAINTAINED IN CURRENT STAGE AS PER CONTRACTS 62A76, 62A77 AND 62J31. ALL STRIPING AND SIGNING SHOWN IS FOR REFERENCE ONLY. WORK ZONES FOR CONSTRUCTION SHALL BE PROVIDED BY 62A76, 62A77 AND 62J31. SEE STAGING NARRATIVE AND SPECIAL PROVISIONS FOR MORE INFORMATION ABOUT AVAILABLE WORK AREAS AND ADJACENT CONTRACT CONSTRUCTION.

EXISTING OVERHEAD SIGN TO REMAIN
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CHECKED - JMG	REVISED -
DATE - 3-13-2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
I-90/94 STAGE 5**

SCALE: 1"=50' SHEET 1 OF 3 SHEETS STA. 6132+00 TO STA. 6144+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-15R&B-R	COOK	825	142
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				



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SCALE: 1"=50'

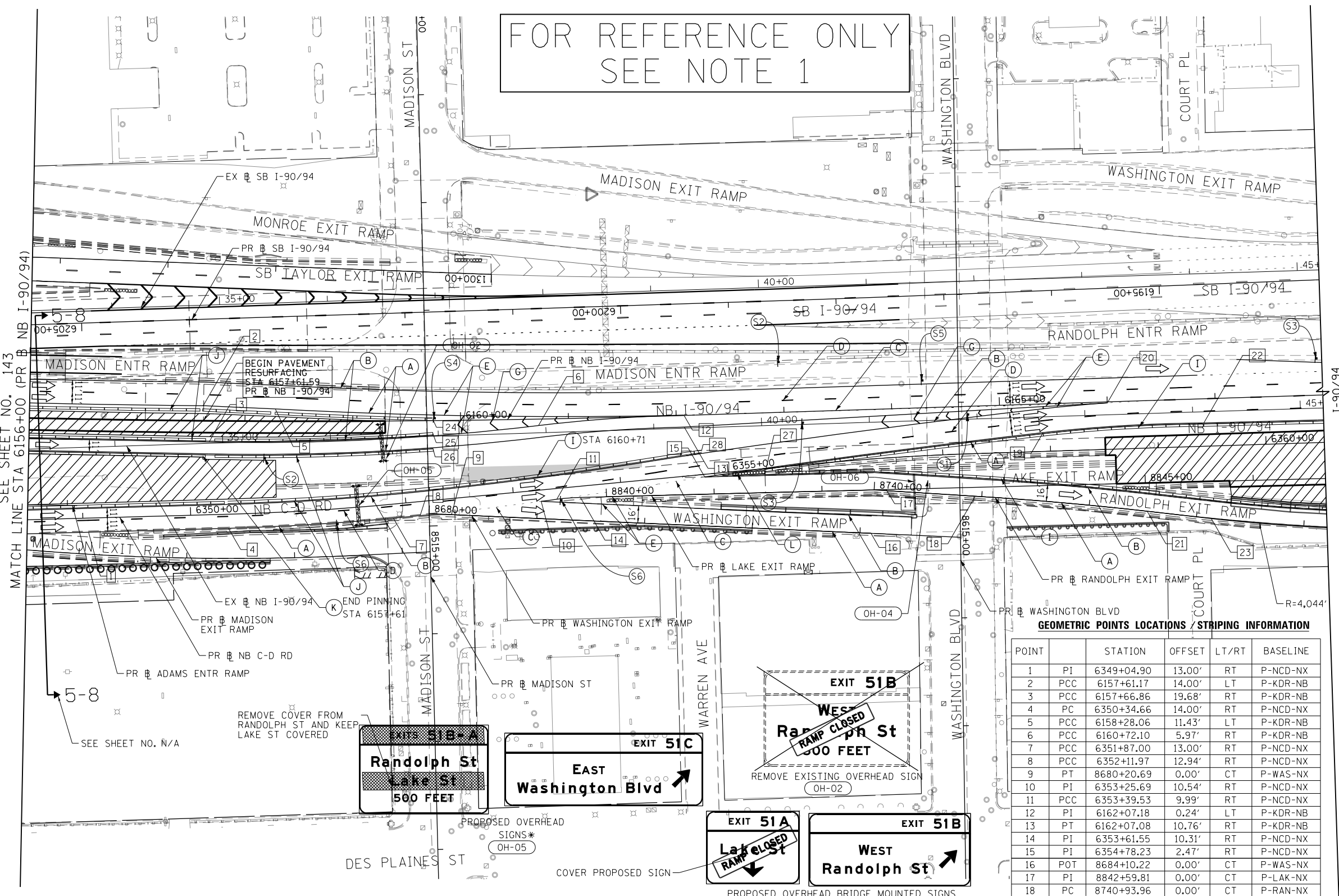
LEGEND

- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR (INSTALLED PER HWY STD 701402)
- TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- ARROW BOARD
- SIGN
- TYPE II BARRICADES OR DRUMS @ 100 FT CENTERS
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50 FT CENTERS
- TEMPORARY PAVEMENT
- IMPROVEMENTS PREVIOUSLY CONSTRUCTED
- IMPROVEMENTS CONSTRUCTED THIS STAGE FROM PREVIOUS STAGE TO REMAIN
- ** FROM PREVIOUS CONTRACT

PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (G) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (H) TEMP EPOXY PVT MK LETTERS AND SYMBOLS
- (I) TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED (STA AND O/S ARE PLACED WHERE SHY DISTANCE CHANGES)
- (J) REL TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (K) PINNING TEMPORARY CONCRETE BARRIER
- (L) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3
- (M) IMPACT ATTENUATOR, RELOCATE

FOR REFERENCE ONLY
SEE NOTE 1



GEOMETRIC POINTS LOCATIONS / STRIPING INFORMATION

POINT		STATION	OFFSET	LT/RT	BASELINE
1	PI	6349+04.90	13.00'	RT	P-NCD-NX
2	PCC	6157+61.17	14.00'	LT	P-KDR-NB
3	PCC	6157+66.86	19.68'	RT	P-KDR-NB
4	PC	6350+34.66	14.00'	RT	P-NCD-NX
5	PCC	6158+28.06	11.43'	LT	P-KDR-NB
6	PCC	6160+72.10	5.97'	RT	P-KDR-NB
7	PCC	6351+87.00	13.00'	RT	P-NCD-NX
8	PCC	6352+11.97	12.94'	RT	P-NCD-NX
9	PT	8680+20.69	0.00'	CT	P-WAS-NX
10	PI	6353+25.69	10.54'	RT	P-NCD-NX
11	PCC	6353+39.53	9.99'	RT	P-NCD-NX
12	PI	6162+07.18	0.24'	LT	P-KDR-NB
13	PT	6162+07.08	10.76'	RT	P-KDR-NB
14	PI	6353+61.55	10.31'	RT	P-NCD-NX
15	PI	6354+78.23	2.47'	RT	P-NCD-NX
16	POT	8684+10.22	0.00'	CT	P-WAS-NX
17	PI	8842+59.81	0.00'	CT	P-LAK-NX
18	PC	8740+93.96	0.00'	CT	P-RAN-NX
19	PCC	6357+93.64	17.37'	LT	P-NCD-NX
20	PI	6166+00.02	0.99'	RT	P-KDR-NB
21	PT	8742+53.98	0.00'	CT	P-RAN-NX
22	PT	6166+88.86	22.46'	RT	P-KDR-NB
23	PC	8743+13.92	0.23'	RT	P-RAN-NX
24	POT	6159+74.14	1.25'	LT	P-KDR-NB
25	POT	6159+74.23	12.09'	RT	P-KDR-NB
26	POT	6159+74.40	27.11'	RT	P-KDR-NB
27	POT	6355+34.48	3.23'	RT	P-NCD-NX
28	POT	6354+77.41	21.52'	LT	P-NCD-NX

NOTES:

1. ALL TRAVEL LANES ON NB AND SB I-90/94 SHALL BE MAINTAINED IN CURRENT STAGE AS PER CONTRACTS 62A76, 62A77 AND 62J31. ALL STRIPING AND SIGNING SHOWN IS FOR REFERENCE ONLY. WORK ZONES FOR CONSTRUCTION SHALL BE PROVIDED BY 62A76, 62A77 AND 62J31. SEE STAGING NARRATIVE AND SPECIAL PROVISIONS FOR MORE INFORMATION ABOUT AVAILABLE WORK AREAS AND ADJACENT CONTRACT CONSTRUCTION.



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DATE - 3-13-2020

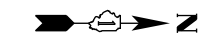
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
I-90/94 STAGE 5

SCALE: 1"=50' SHEET 3 OF 3 SHEETS STA. 6156+00 TO STA. 6168+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-15R&B-R	COOK	825	144
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				



0 50 100
SCALE: 1"=50'

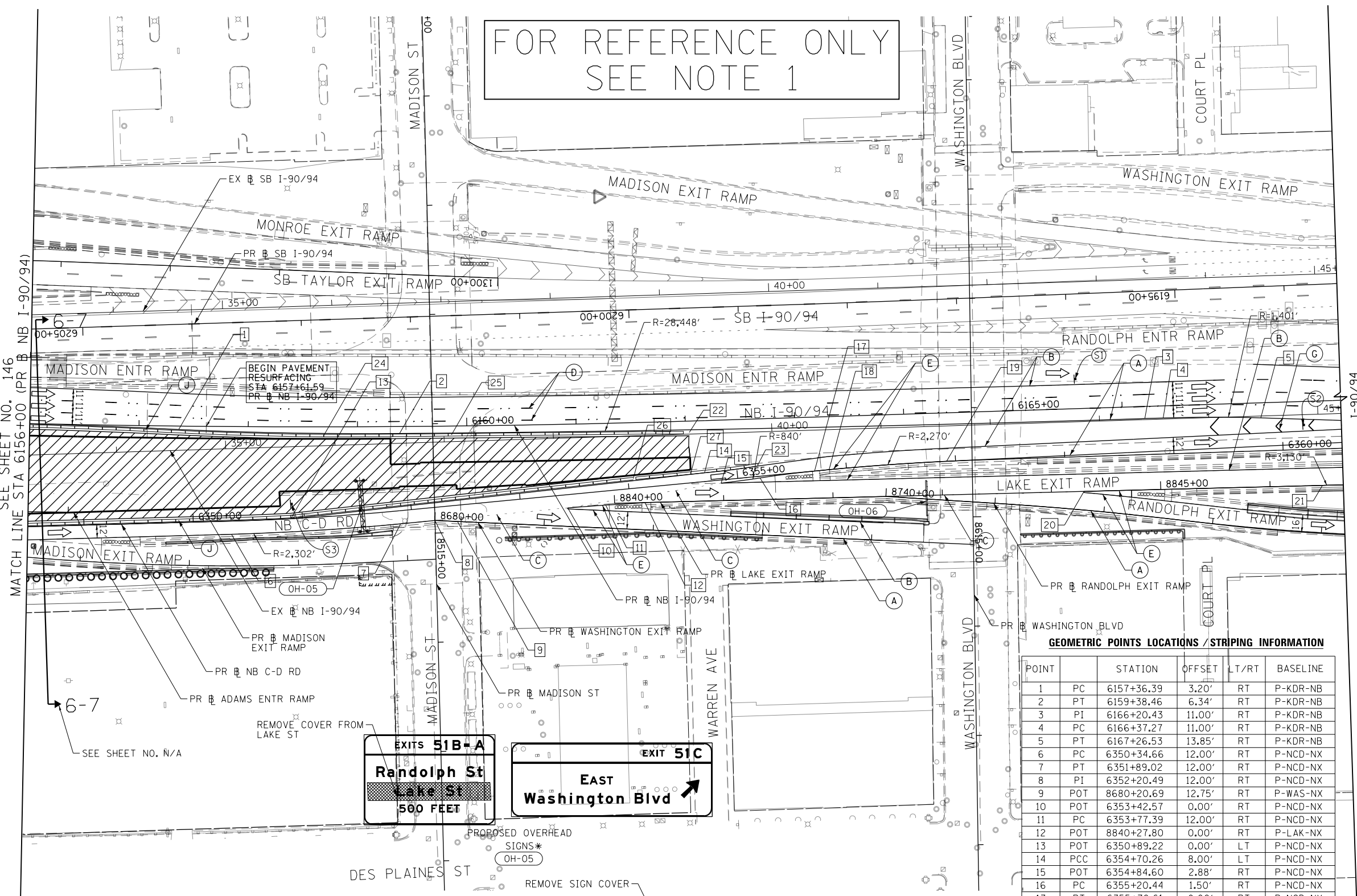
LEGEND

- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR (INSTALLED PER HWY STD 701402)
- TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- ARROW BOARD
- SIGN
- TYPE II BARRICADES OR DRUMS @ 100 FT CENTERS
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50 FT CENTERS
- TEMPORARY PAVEMENT
- IMPROVEMENTS PREVIOUSLY CONSTRUCTED
- IMPROVEMENTS CONSTRUCTED THIS STAGE FROM PREVIOUS STAGE TO REMAIN
- FROM PREVIOUS CONTRACT

PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (G) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (H) TEMP EPOXY PVT MK LETTERS AND SYMBOLS
- (I) TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED (STA AND O/S ARE PLACED WHERE SHY DISTANCE CHANGES)
- (J) REL TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (K) PINNING TEMPORARY CONCRETE BARRIER
- (L) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3
- (M) IMPACT ATTENUATOR, RELOCATE

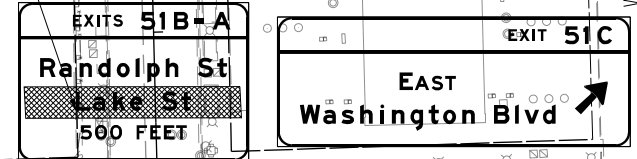
FOR REFERENCE ONLY
SEE NOTE 1



GEOMETRIC POINTS LOCATIONS / STRIPING INFORMATION

POINT		STATION	OFFSET	LT/RT	BASELINE
1	PC	6157+36.39	3.20'	RT	P-KDR-NB
2	PT	6159+38.46	6.34'	RT	P-KDR-NB
3	PI	6166+20.43	11.00'	RT	P-KDR-NB
4	PC	6166+37.27	11.00'	RT	P-KDR-NB
5	PT	6167+26.53	13.85'	RT	P-KDR-NB
6	PC	6350+34.66	12.00'	RT	P-NCD-NX
7	PT	6351+89.02	12.00'	RT	P-NCD-NX
8	PI	6352+20.49	12.00'	RT	P-NCD-NX
9	POT	8680+20.69	12.75'	RT	P-WAS-NX
10	POT	6353+42.57	0.00'	RT	P-NCD-NX
11	PC	6353+77.39	12.00'	RT	P-NCD-NX
12	POT	8840+27.80	0.00'	RT	P-LAK-NX
13	POT	6350+89.22	0.00'	LT	P-NCD-NX
14	PCC	6354+70.26	8.00'	LT	P-NCD-NX
15	POT	6354+84.60	2.88'	RT	P-NCD-NX
16	PC	6355+20.44	1.50'	RT	P-NCD-NX
17	PT	6355+70.61	0.00'	RT	P-NCD-NX
18	PC	6355+84.02	0.00'	RT	P-NCD-NX
19	PT	6356+91.89	0.00'	RT	P-NCD-NX
20	POT	8844+29.67	0.00'	RT	P-LAK-NX
21	PC	8846+47.97	0.00'	RT	P-LAK-NX
22	POT	6162+03.42	10.38'	RT	P-KDR-NB
23	POT	6355+19.59	10.66'	LT	P-NCD-NX
24	PT	6158+68.92	8.01'	RT	P-KDR-NB
25	PT	6159+86.12	7.94'	RT	P-KDR-NB
26	PT	6354+04.86	9.00'	LT	P-NCD-NX
27	PT	6354+57.80	9.00'	LT	P-NCD-NX

NOTES:
1. ALL TRAVEL LANES ON NB AND SB I-90/94 SHALL BE MAINTAINED IN CURRENT STAGE AS PER CONTRACTS 62A76, 62A77 AND 62J31. ALL STRIPING AND SIGNING SHOWN IS FOR REFERENCE ONLY. WORK ZONES FOR CONSTRUCTION SHALL BE PROVIDED BY 62A76, 62A77 AND 62J31. SEE STAGING NARRATIVE AND SPECIAL PROVISIONS FOR MORE INFORMATION ABOUT AVAILABLE WORK AREAS AND ADJACENT CONTRACT CONSTRUCTION.



PROPOSED OVERHEAD BRIDGE MOUNTED SIGNS*
OH-06



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PLOT SCALE = 100.0000' / in.
PLOT DATE = 3/6/2020

DESIGNED - MRC
DRAWN - MRC
CHECKED - JMG
DATE - 3-13-2020

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
I-90/94 STAGE 6
SCALE: 1"=50' SHEET 3 OF 3 SHEETS STA. 6156+00 TO STA. 6168+00

F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-15R&B-R	COOK	825	147
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				

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EROSION CONTROL GENERAL NOTES

1. THE CONSTRUCTION LIMITS WILL BE STAKED AND APPROVED BY THE ENGINEER PRIOR TO COMMENCING CONSTRUCTION. THE CONSTRUCTION LIMITS MAY BE ADJUSTED BY THE ENGINEER TO PRESERVE TREES AND NO ADDITIONAL COMPENSATION WILL BE PAID TO THE CONTRACTOR FOR CHANGES IN CONSTRUCTION LIMITS.
2. EROSION CONTROL ITEMS ARE CONSIDERED HIGH PRIORITY ITEMS IN THIS CONTRACT. THE ENGINEER WILL IMPLEMENT ALL PROVISIONS OF SPECIFICATION TO NECESSARY ASSURE THAT EROSION CONTROL ITEMS ARE CONSTRUCTED AND MAINTAINED IN A TIMELY MANNER. THE CONTRACTOR SHALL INSTALL TEMPORARY EROSION CONTROL MEASURES PRIOR TO THE START OF CONSTRUCTION OPERATIONS WHICH WILL POTENTIALLY CREATE ERODIBLE CONDITIONS. PLACEMENT AND MAINTENANCE OF TEMPORARY EROSION CONTROL SYSTEMS WILL BE UTILIZED THROUGHOUT THE CONSTRUCTION LIMITS.
3. TEMPORARY EROSION CONTROL MEASURES SHALL BE CONSTRUCTED AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER. THE WORK SHALL BE COMPLETED IN ACCORDANCE WITH SECTION 280 OF THE STANDARD SPECIFICATIONS, CONTRACT SPECIAL PROVISIONS AND THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP).
4. THE CONTRACTOR SHALL UTILIZE THE GENERAL MAINTENANCE GUIDELINES AS OUTLINED IN THE SWPPP TO ENSURE GOOD AND EFFECTIVE OPERATING CONDITION OF THE VEGETATION AND EROSION AND SEDIMENT CONTROL MEASURES.
5. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON SITE. ALL CHANGES TO THE SOIL EROSION AND SEDIMENT CONTROL PLAN SHALL BE NOTED ON THE SITE.
6. THE CONTRACTOR SHALL PERFORM ALL WORK AS DIRECTED BY THE ENGINEER AND AS SHOWN IN HIGHWAY STANDARD 280001.
7. THE EROSION CONTROL MEASURES SHOWN ARE BUT A GRAPHICAL REPRESENTATION OF SUGGESTED MEASURES. DEVIATIONS FROM THIS PLAN ARE TO BE EXPECTED PENDING A JOBSITE INSPECTION BETWEEN THE CONTRACTOR AND THE DEPARTMENT.
8. THE CONTRACTOR WILL BE REQUIRED TO IMPLEMENT AND MAINTAIN SEDIMENT CONTROL MEASURES PRIOR TO STRIPPING EXISTING VEGETATION.
9. ANY AREA WHERE THERE IS NO PROPOSED GRADING THE EXISTING GROUND COVER SHALL REMAIN.
10. TEMPORARY STOCKPILE LOCATIONS SHALL BE APPROVED BY THE ENGINEER AND WILL REQUIRE SILT FENCE AND TEMPORARY SEEDING.
11. THE CONTRACTOR SHALL INSTALL AND MAINTAIN INLET FILTERS AT ALL EXISTING INLETS ADJACENT TO THE EDGE OF PAVEMENT PRIOR TO THE START OF PRE-STAGE WORK. THE INLET FILTERS SHALL BE MAINTAINED AT EACH SUBSEQUENT STAGE UNTIL NO LONGER REQUIRED OR AS DIRECTED BY THE ENGINEER.
12. AT THE CONCLUSION OF THE CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES AND FLOW LINES ARE TO BE FREE FROM DIRT AND DEBRIS. THE CONTRACTORS FAILURE TO PROVIDE THE ABOVE WILL PRECLUDE ANY POSSIBLE ADDED COMPENSATION REQUESTED DUE TO DELAYS OR UNSUITABLE MATERIAL CREATED AS A RESULT THEREOF.
13. THE CONTRACTOR SHALL IMMEDIATELY INSTALL AND MAINTAIN INLET FILTERS AT ALL NEW INLETS AND DRAINAGE STRUCTURES. THE INLET FILTERS SHALL BE MAINTAINED AT EACH SUBSEQUENT STAGE UNTIL COMPLETION OF STAGING OR UNTIL NO LONGER REQUIRED.
14. LOCATIONS OF THE STABILIZED CONSTRUCTION ENTRANCES/EXITS SHALL BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER. THE INSTALLATION OF THE ENTRANCE/EXITS SHALL BE IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL OR AS DIRECTED BY THE ENGINEER.
15. TEMPORARY OR PERMANENT STABILIZATION SHALL BE INSTALLED ON ALL AREAS DISTURBED DURING EACH STAGE OF CONSTRUCTION PRIOR TO SWITCHING TRAFFIC TO BEGIN THE SUBSEQUENT STAGE. ALSO, ALL EROSION CONTROL MEASURES PLACED DURING CONSTRUCTION SHALL REMAIN IN PLACE AND BE MAINTAINED UNTIL COMPLETION OF CONTRACT OR NO LONGER REQUIRED.
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING DRAINAGE OF THE ROADWAY DURING ALL STAGES OF CONSTRUCTION. A QUANTITY OF 12 INLETS, TYPE A, TYPE 1 FRAME OPEN LID AND 300 FT OF STORM SEWERS, CLASS A, TYPE 1 12" HAS BEEN PROVIDED FOR TEMPORARY USE. REMOVAL OF THESE ITEMS SHALL BE INCLUDED IN THEIR COST.
17. ALL ESC MEASURES WILL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION FOUND ON THE CONSTRUCTION TAB AT: ([HTTP://WWW.IDOT.ILLINOIS.GOV/TRANSPORTATION-SYSTEM/ENVIRONMENT/EROSION-AND-SEDIMENT-CONTROL](http://www.idot.illinois.gov/transportation-system/environment/erosion-and-sediment-control)).
18. THE CONTRACTOR WILL ASSUME RESPONSIBILITY FOR MAINTENANCE OF ALL SOIL EROSION CONTROL DURING CONSTRUCTION.
19. THE CONTRACTOR SHALL CHECK ALL ESC MEASURES WEEKLY AND AFTER EACH RAINFALL, 0.5 INCHES OR GREATER IN A 24 HOUR PERIOD, OR EQUIVALENT SNOWFALL. ADDITIONALLY DURING WINTER MONTHS, ALL MEASURES SHOULD BE CHECKED BY THE CONTRACTOR AFTER EACH SIGNIFICANT SNOWMELT.
20. THE CONTRACTOR SHOULD PROVIDE TO THE RE A PLAN TO ENSURE THAT A STABILIZED FLOW LINE WILL BE PROVIDED DURING STORM SEWER CONSTRUCTION. THE USE OF A STABILIZED FLOW LINE BETWEEN INSTALLED STORM SEWER AND OPEN DISTURBANCE WILL REDUCE THE POTENTIAL FOR THE OFFSITE DISCHARGE OF SEDIMENT BEARING WATERS, ESPECIALLY WHEN RAIN IS FORECASTED, SO THAT FLOW WILL NOT ERODE. LACK OF APPROVED PLAN OR FAILURE TO COMPLY WILL RESULT IN AN ESC DEFICIENCY DEDUCTION.
21. ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER, SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCIDENTAL.
22. TEMPORARY OR PERMANENT STABILIZATION SHALL BE INITIATED IMMEDIATELY UPON COMPLETION OF DISTURBANCE OR IF THE WORK AREA IS TO BE LEFT UNDISTURBED FOR 14 DAYS OR MORE.
23. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDED AT ONE TIME.
24. EROSION CONTROL ITEMS ARE CONSIDERED TO BE A HIGH PRIORITY ON THIS CONTRACT. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE RE.

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PLOT DATE = 3/6/2020	DATE - 3-13-2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENTATION CONTROL
GENERAL NOTES**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	148
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X94	

TEMPORARY EROSION CONTROL SCHEDULE

	MULCH METHOD, 2	TEMPORARY EROSION CONTROL SEEDING	PERIMETER EROSION BARRIER	INLET FILTERS	DUST CONTROL WATERING	TEMPORARY CHAIN LINK FENCE WITH SCREENING, 6'
SHEET	ACRE	POUND	FOOT	EACH	UNIT	EACH
SHEET 1				29	100	162
SHEET 2	2.50	250	2,371	27	100	1,020
TOTAL	2.50	250	2,371	56	200	1,182

PERMANENT EROSION CONTROL SCHEDULE

	SUPPLEMENTAL WATERING	TOPSOIL FURNISH AND PLACE, 24"	SEEDING, CLASS 2A	NITROGEN FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	EROSION CONTROL BLANKET	SODDING, SALT TOLERANT
SHEET	UNIT	SQ YD	ACRE	POUND	POUND	SQ YD	SQ YD
SHEET 1							
SHEET 2	12	5,406	0.5	92	92	1,692	3,714
TOTAL	12	5,406	0.5	92	92	1,692	3,714

INLET FILTER SCHEDULE

STATION	OFFSET	LOCATION		AMOUNT
		ALIGNMENT	EACH	
8309+69.67	17.77' LT	ADAMS STREET	1	
8309+86.30	20.96' LT	ADAMS STREET	1	
8310+13.83	21.68' RT	ADAMS STREET	1	
8310+80.47	20.40' LT	ADAMS STREET	1	
8311+23.82	20.39' RT	ADAMS STREET	1	
8311+82.82	21.12' RT	ADAMS STREET	1	
8311+95.40	23.63' LT	ADAMS STREET	1	
8315+24.21	20.94' LT	ADAMS STREET	1	
8315+65.49	20.85' LT	ADAMS STREET	1	
8315+71.81	21.00' RT	ADAMS STREET	1	
8316+43.59	20.86' LT	ADAMS STREET	1	
8316+42.69	19.57' RT	ADAMS STREET	1	
8310+70.00	20.79' LT	ADAMS STREET	1	
8311+10.71	21.00' RT	ADAMS STREET	1	
8311+65.65	51.00' RT	ADAMS STREET	1	
8315+41.79	23.43' RT	ADAMS STREET	1	
8210+07.60	20.93' LT	JACKSON BLVD	1	
8211+56.00	14.00' RT	JACKSON BLVD	1	
8211+55.99	23.74' RT	JACKSON BLVD	1	
8211+97.21	23.46' RT	JACKSON BLVD	1	
8211+60.74	20.83' LT	JACKSON BLVD	1	
8214+54.58	23.65' LT	JACKSON BLVD	1	
8214+68.55	23.14' RT	JACKSON BLVD	1	
8215+91.39	22.55' RT	JACKSON BLVD	1	
8211+66.29	22.54' LT	JACKSON BLVD	1	
8211+84.61	22.50' RT	JACKSON BLVD	1	
8214+98.14	21.50' LT	JACKSON BLVD	1	
8214+88.15	22.50' RT	JACKSON BLVD	1	
8215+67.85	21.56' LT	JACKSON BLVD	1	
1315+24.92	18.17' RT	PR ADAMS RAMP SW	1	
1315+24.92	18.17' RT	PR ADAMS RAMP SW	1	
1312+18.14	45.66' RT	PR ADAMS RAMP SW	1	
8284+37.00	1.00' RT	PR JACKSON EXIT RAMP	1	
8283+53.00	1.00' RT	PR JACKSON EXIT RAMP	1	
8283+65.00	11.33' RT	PR JACKSON EXIT RAMP	1	
8283+01.00	1.00' RT	PR JACKSON EXIT RAMP	1	
8282+48.49	1.00' RT	PR JACKSON EXIT RAMP	1	
8282+25.00	1.00' RT	PR JACKSON EXIT RAMP	1	
8285+05.00	9.25' RT	PR JACKSON EXIT RAMP	1	
8284+57.54	18.24' RT	PR JACKSON EXIT RAMP	1	
1308+40.94	47.96' RT	PR RAMP SW	1	
1306+04.63	43.89' RT	PR RAMP SW	1	
8385+43.00	1.00' RT	PR ADAMS EXIT RAMP	1	
8384+27.15	1.00' RT	PR ADAMS EXIT RAMP	1	
8384+00.00	1.00' RT	PR ADAMS EXIT RAMP	1	
6340+14.87	25.08' RT	PR NB C-D ROAD	1	
6340+14.87	15.00' RT	PR NB C-D ROAD	1	
6341+75.00	40.08' RT	PR NB C-D ROAD	1	
41+00.32	9.92' RT	PR ALLEY	1	
28+03.05	56.75' LT	PR ALLEY	1	
8343+56.00	17.00' LT	PR ADAMS ENTR RAMP	1	
40+99.00	0.25' RT	PR ALLEY	1	
42+31.88	1.00' RT	PR ALLEY	1	
6150+09.00	7.00' LT	PR NORTHBOUND I-90/94	1	
6151+39.00	7.00' LT	PR NORTHBOUND I-90/94	1	
6151+72.00	7.00' LT	PR NORTHBOUND I-90/94	1	
TOTAL				56

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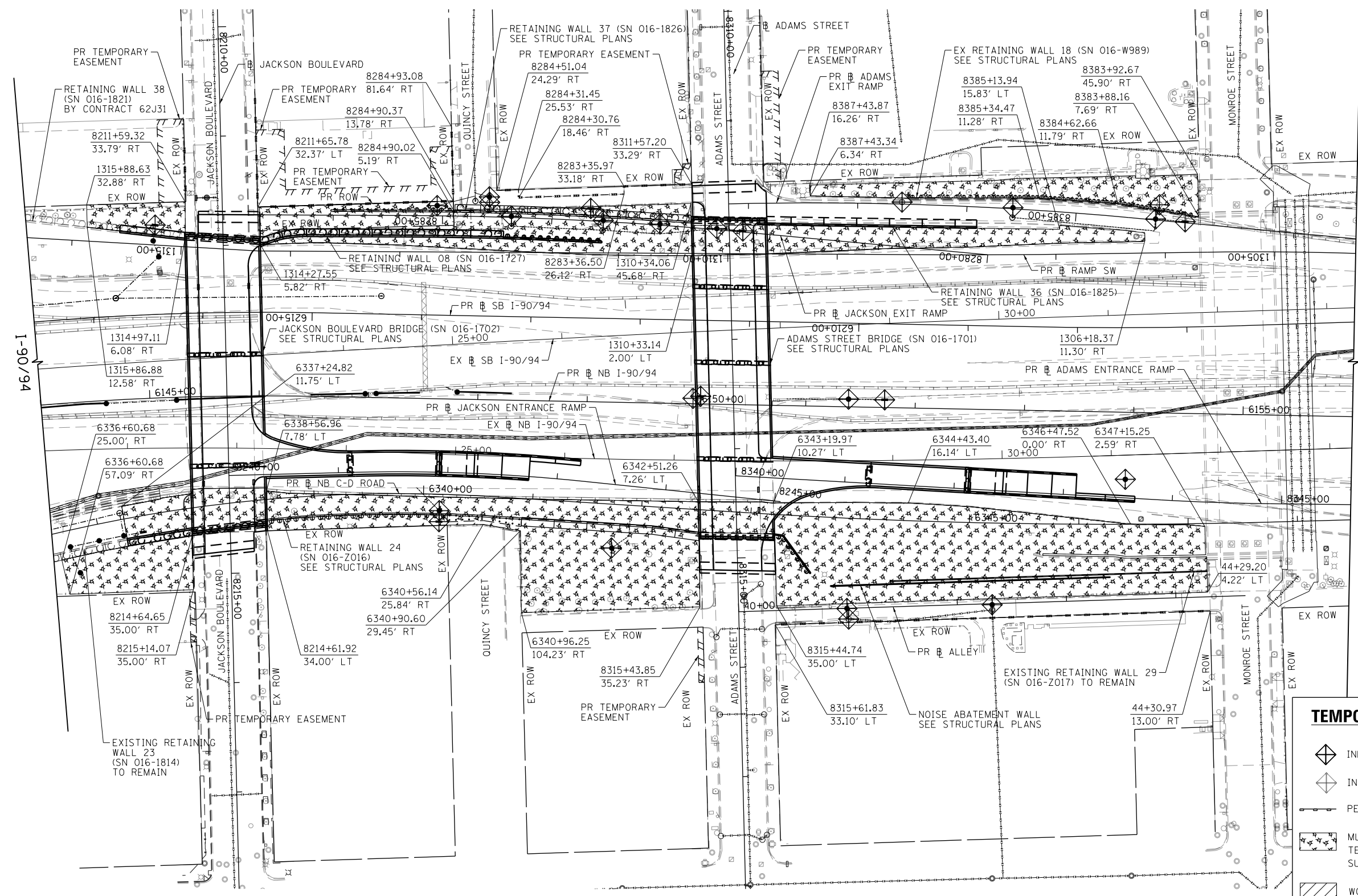
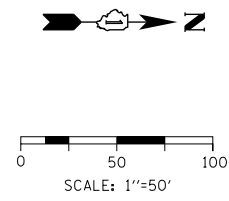
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 DEPARTMENT OF TRANSPORTATION**











**EROSION AND SEDIMENTATION CONTROL
 SCHEDULES**

SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. 8308+00 TO STA. 8313+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	149
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				



TEMPORARY EROSION CONTROL LEGEND

-  INLET FILTER
-  INLET FILTER (TO REMAIN FROM PREVIOUS STAGE)
-  PERIMETER EROSION BARRIER
-  MULCH, METHOD 2
-  TEMPORARY EROSION CONTROL SEEDING OR SURFACE ROUGHENING
-  WORK ZONE
-  TEMPORARY CHAIN LINK FENCE WITH SCREENING, 6'
-  STORM SEWER TO BE INSTALLED IN THIS CONTRACT
-  STORM SEWER TO BE INSTALLED BY OTHERS
-  STORM SEWER TO BE INSTALLED BY OTHERS (60X93)

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 DATE - 3-13-2020

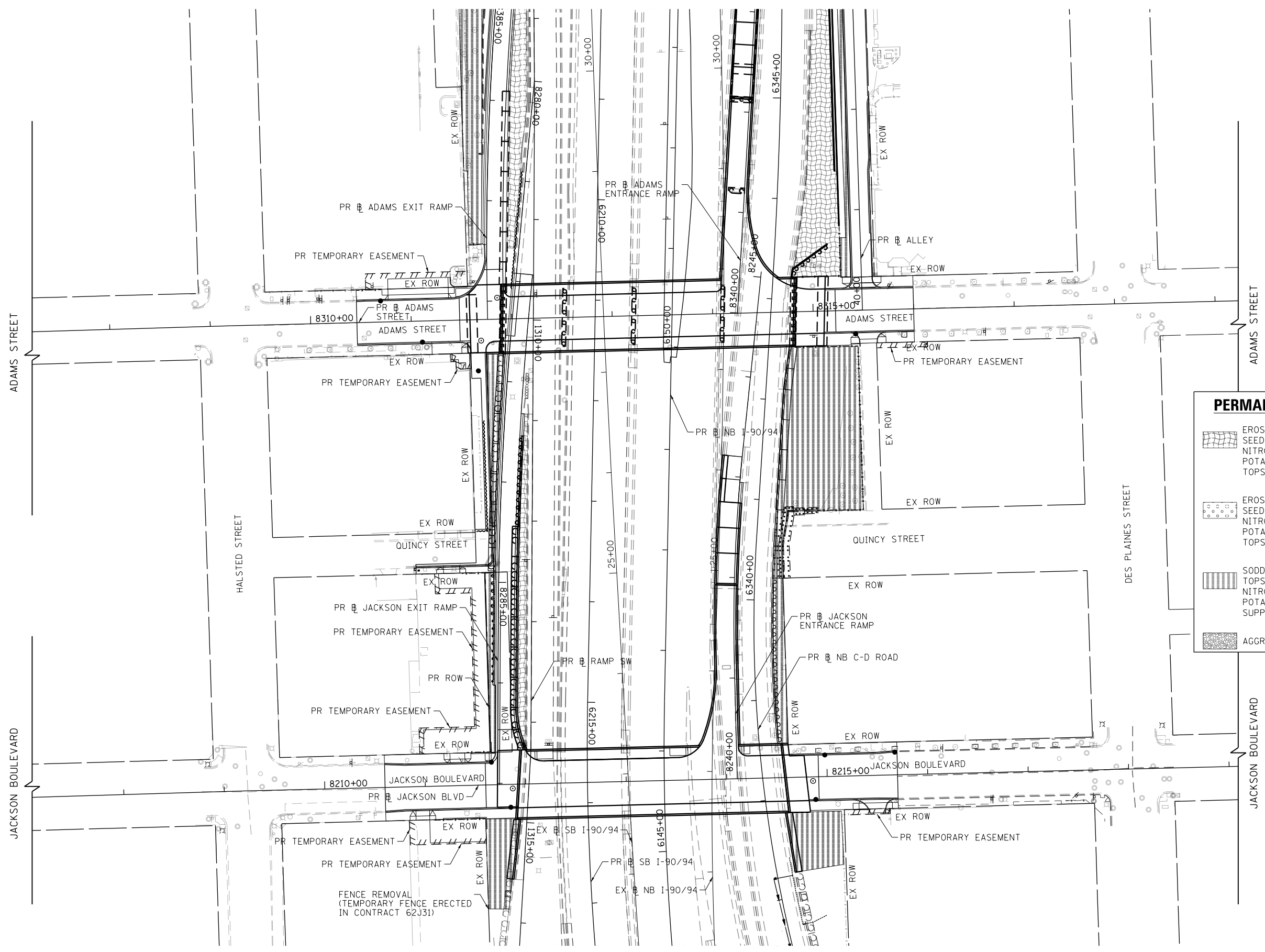
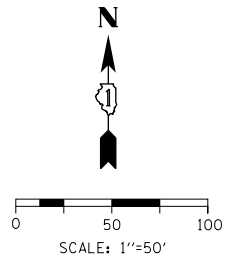
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TEMPORARY EROSION AND SEDIMENTATION CONTROL
 I-90/94**

SCALE: 1"=50' SHEET 2 OF 2 SHEETS STA. 6144+00 TO STA. 6156+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	151
CONTRACT NO. 60X94			ILLINOIS FED. AID PROJECT	



PERMANENT EROSION CONTROL LEGEND	
	EROSION CONTROL BLANKET SEEDING, CLASS 2A NITROGEN FERTILIZER NUTRIENT POTASSIUM FERTILIZER NUTRIENT TOPSOIL FURNISH AND PLACE, 24"
	EROSION CONTROL BLANKET SEEDING, CLASS 2A NITROGEN FERTILIZER NUTRIENT POTASSIUM FERTILIZER NUTRIENT TOPSOIL FURNISH AND PLACE, 24"
	SODDING, SALT TOLERANT TOPSOIL FURNISH AND PLACE, 24" NITROGEN FERTILIZER NUTRIENT POTASSIUM FERTILIZER NUTRIENT SUPPLEMENTAL WATERING
	AGGREGATE SURFACE COURSE, TYPE B - 4"

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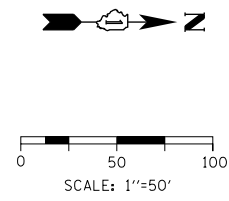
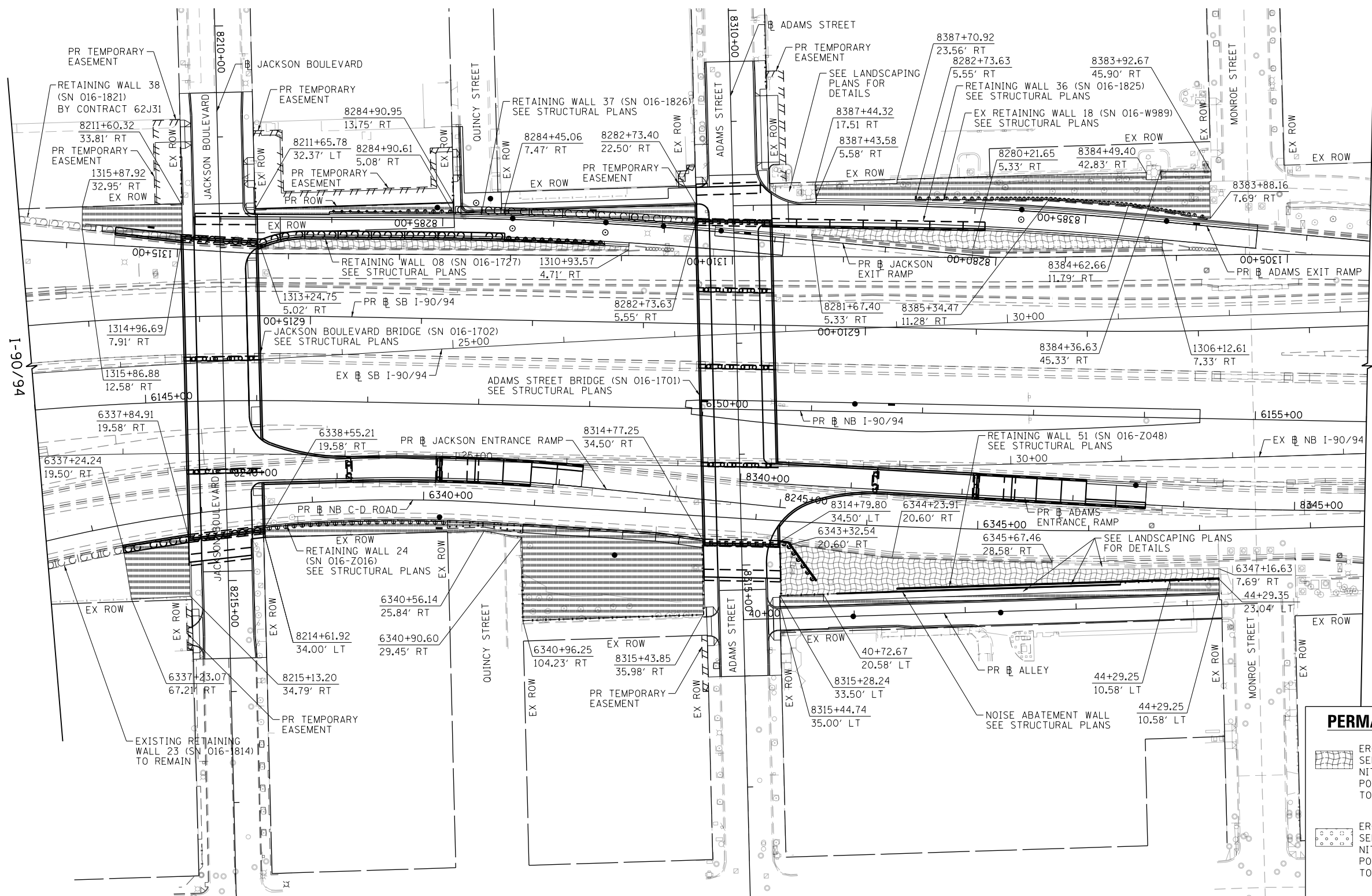
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PERMANENT EROSION AND SEDIMENTATION CONTROL
 ADAMS STREET AND JACKSON BOULEVARD**

SCALE: 1"=50' SHEET 1 OF 2 SHEETS STA. 8307+50 TO STA. 8319+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	152
				CONTRACT NO. 60X94
ILLINOIS FED. AID PROJECT				

FILE PATH = p:\V\ECOM-NH-NV5\ecocom\line\local\I-90\I-90-EROS-PERM-02.dgn



PERMANENT EROSION CONTROL LEGEND			
	EROSION CONTROL BLANKET SEEDING, CLASS 2A		
	NITROGEN FERTILIZER NUTRIENT		
	POTASSIUM FERTILIZER NUTRIENT		
	TOPSOIL FURNISH AND PLACE, 24"		
	EROSION CONTROL BLANKET SEEDING, CLASS 2A		
	NITROGEN FERTILIZER NUTRIENT		
	POTASSIUM FERTILIZER NUTRIENT		
	TOPSOIL FURNISH AND PLACE, 24"		
	SODDING, SALT TOLERANT		
	TOPSOIL FURNISH AND PLACE, 24"		
	NITROGEN FERTILIZER NUTRIENT		
	POTASSIUM FERTILIZER NUTRIENT		
	SUPPLEMENTAL WATERING		
	AGGREGATE SURFACE COURSE, TYPE B - 4"		



D160X94-Sht-EROS-PERM-02.dgn
 USER NAME = vjjanachione
 PLOT SCALE = 100.0000' / in.
 PLOT DATE = 3/6/2020

DESIGNED - \$PMK-03-DE REVISD -
 DRAWN - \$PMK-03-DR REVISD -
 CHECKED - \$PMK-03-CH REVISD -
 DATE - 3-13-2020 REVISD -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PERMANENT EROSION AND SEDIMENTATION CONTROL
 I-90/94
 SCALE: 1"=50' SHEET 2 OF 2 SHEETS STA. 6144+00 TO STA. 6156+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	153
				CONTRACT NO. 60X94
ILLINOIS FED. AID PROJECT				

EXISTING DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NUMBER	STATION	OFFSET	BASELINE	CATCH BASINS TO BE ADJUSTED	MANHOLES TO BE ADJUSTED	MANHOLES TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, OPEN LID	REMOVING MANHOLES	REMOVING CATCH BASINS	REMOVING INLETS	COMMENTS
				EACH	EACH	EACH	EACH	EACH	EACH	
EXISTING DRAINAGE AND UTILITY PLANS - SHEET 1										
ES102	8310+80.47	20.40' LT	ADAMS STREET					1		
ES104	8311+23.82	20.39' RT	ADAMS STREET					1		
ES105	8311+40.10	3.64' LT	ADAMS STREET		1					EX RIM ELEV: 593.93 PR RIM ELEV: 593.55
ES106	8311+60.37	9.60' RT	ADAMS STREET				1			
ES107	8311+82.82	21.12' RT	ADAMS STREET					1		
ES108	8311+95.40	23.63' LT	ADAMS STREET					1		
SHEET 1 SUBTOTAL:				0	1	0	1	4	0	
EXISTING DRAINAGE AND UTILITY PLANS - SHEET 2										
ES201	8315+24.21	20.94' LT	ADAMS STREET	1						EX RIM ELEV: 594.36 PR RIM ELEV: 594.43
ES202	8315+35.20	5.18' LT	ADAMS STREET		1					EX RIM ELEV: 594.29 PR RIM ELEV: 594.34
ES203	8315+65.50	17.67' LT	ADAMS STREET		1					EX RIM ELEV: 593.16 PR RIM ELEV: 593.33
ES204	8315+65.49	20.85' LT	ADAMS STREET	1						EX RIM ELEV: 593.60 PR RIM ELEV: 593.25
ES205	8315+64.47	17.03' RT	ADAMS STREET		1					EX RIM ELEV: 593.54 PR RIM ELEV: 593.36
ES206	8315+71.81	21.00' RT	ADAMS STREET	1						EX RIM ELEV: 593.72 PR RIM ELEV: 593.16
SHEET 2 SUBTOTAL:				3	3	0	0	0	0	
EXISTING DRAINAGE AND UTILITY PLANS - SHEET 3										
ES300	8211+08.39	4.35' RT	JACKSON BOULEVARD		1					EX RIM ELEV: 593.25 PR RIM ELEV: 593.58
ES301	8211+56.00	14.00' RT	JACKSON BOULEVARD	1						EX RIM ELEV: 593.32 PR RIM ELEV: 594.94
ES302	8211+55.99	23.74' RT	JACKSON BOULEVARD	1						EX RIM ELEV: 593.23 PR RIM ELEV: 594.79
ES303	8211+97.21	23.46' RT	JACKSON BOULEVARD					1		
ES304	8211+60.74	20.83' LT	JACKSON BOULEVARD					1		
ES305	8212+05.18	4.06' RT	JACKSON BOULEVARD				1			
ES306	8212+19.50	22.63' LT	JACKSON BOULEVARD				1			
SHEET 3 SUBTOTAL:				2	1	0	2	2	0	
EXISTING DRAINAGE AND UTILITY PLANS - SHEET 4										
ES400	8214+54.58	23.65' LT	JACKSON BOULEVARD					1		
ES401	8214+68.55	23.14' RT	JACKSON BOULEVARD					1		
ES402	8214+96.02	4.21' RT	JACKSON BOULEVARD				1			
SHEET 4 SUBTOTAL:				0	0	0	1	2	0	
EXISTING DRAINAGE AND UTILITY PLANS - SHEET 5										
ES501	1315+24.92	18.17' RT	PR RAMP SW						1	
SHEET 5 SUBTOTAL:				0	0	0	0	0	1	
EXISTING DRAINAGE AND UTILITY PLANS - SHEET 6										
ES601	1312+30.85	37.87' RT	PR RAMP SW				1			
ES602	1312+18.14	45.66' RT	PR RAMP SW					1		
SHEET 6 SUBTOTAL:				0	0	0	1	1	0	
EXISTING DRAINAGE AND UTILITY PLANS - SHEET 7										
ES701	1308+40.94	47.96' RT	PR RAMP SW					1		
ES702	1308+30.67	39.61' RT	PR RAMP SW				1			
ES703	1306+09.18	28.04' RT	PR RAMP SW				1			
SHEET 7 SUBTOTAL:				0	0	0	2	1	0	
EXISTING DRAINAGE AND UTILITY PLANS - SHEET 8										
SHEET 8 SUBTOTAL:				0	0	0	0	0	0	
EXISTING DRAINAGE AND UTILITY PLANS - SHEET 9										
ES901	27+16.70	56.68' LT	EX NB I-90/94			1				EX RIM ELEV: 580.85 PR RIM ELEV: 577.15
ES902	41+00.32	9.92' RT	PR ALLEY	1						EX RIM ELEV: 590.75 PR RIM ELEV: 590.71
ES903	41+39.59	13.77' RT	PR ALLEY		1					EX RIM ELEV: 591.99 PR RIM ELEV: 591.99
ES904	42+31.88	5.68' RT	PR ALLEY		1					EX RIM ELEV: 592.86 PR RIM ELEV: 593.27
ES905	28+03.05	56.75' LT	EX NB I-90/94	1						EX RIM ELEV: 581.75 PR RIM ELEV: 577.78
SHEET 9 SUBTOTAL:				2	2	1	0	0	0	
TOTAL				7	7	1	7	10	1	

NOTE:

1. STRUCTURE AND PIPE NUMBERS NOT INCLUDED IN THE SCHEDULES ARE NOT USED.

FILE PATH = p:\NECOM\NA-NV5\elecmon\line\local\COM_DS02_NA\Documents\01_Americas\Transportation\60269938_Circle Phase_1\000_CAD\006_Roadway\Sheets\60X94_Contract\0160X94-Sht-Drain-Schedule.dgn



D160X94-Sht-Drain-Schedule.dgn
 USER NAME = v1janachione
 PLOT SCALE = 40.0000' / in.
 PLOT DATE = 3/6/2020

DESIGNED - MRC
 DRAWN - NLD
 CHECKED - JMG
 DATE - 3-13-2020

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRAINAGE AND UTILITIES SCHEDULE

SCALE: SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	155
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X94	

EXISTING PIPE SCHEDULE

PIPE	UPSTREAM	DOWNSTREAM	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION	PIPE SLOPE (%)	COMBINED SEWER REMOVAL 8"	COMBINED SEWER REMOVAL 10"	COMBINED SEWER REMOVAL 12"	STORM SEWER REMOVAL 8"	STORM SEWER REMOVAL 12"	TELEVISION INSPECTION OF SEWER (SEE NOTE 2)	COMBINED SEWERS TO BE CLEANED	STORM SEWERS TO BE CLEANED 8"	TRENCH BACKFILL
	STRUCTURE NO.	STRUCTURE NO.				FOOT	FOOT	FOOT	FOOT	FOOT		FOOT	FOOT	
EXISTING DRAINAGE AND UTILITY PLANS - SHEET 1														
R100	ES102	STA 8310+80.50, 3.89' LT	590.42	590.34	0.50%	17								0.3
R101	ES104	STA 8311+23.77, 3.97' LT	590.32	590.20	0.50%	24								3.0
R102	ES108	STA 8311+40.50, 24.99' LT	591.82	591.27	1.00%	55								0.9
R103	ES107	ES106	590.68	590.55	0.50%	25								3.7
R104	ES106	ES105	590.55	590.43	0.50%	24								2.9
EP105	STA 8309+21.93, 3.60' LT	ES105	-	-	-						436	218		
EP106	ES105	STA 8385+74.40, 61.93' RT	-	-	-						500	250		
SHEET 1 SUBTOTAL:						145	0	0	0	0	936	468	0	10.8
EXISTING DRAINAGE AND UTILITY PLANS - SHEET 2														
EP201	ES201	ES202	-	-	-						38	19		
EP202	ES204	ES203	-	-	-						6	3		
EP203	ES203	STA 8315+65.47, 5.12' LT	-	-	-						24	12		
EP204	ES205	STA 8315+64.52, 5.12' LT	-	-	--						44	22		
EP205	ES206	ES205	-	-	-						16	8		
EP206	ES202	STA 8317+96.51, 4.63' LT	-	-	-						522	261		
SHEET 2 SUBTOTAL:						0	0	0	0	0	650	325	0	0.0
EXISTING DRAINAGE AND UTILITY PLANS - SHEET 3														
R300	STA 8211+65.17, 10.35' RT	STA 8211+65.15, 4.16' RT	587.38	587.35	0.50%									3.9
R301	ES306	ES305	589.94	589.78	0.50%			31						10.5
EP302	ES302	ES301	-	-	-						20	10		
R303	ES303	STA 8211+96.98, 4.08' RT	583.47	583.38	0.50%			20						25.4
R304	ES304	STA 8211+60.14, 4.17' RT	587.45	587.32	0.50%			26						12.7
R305	ES305	STA 8211+87.22, 4.07' RT	583.42	583.33	0.50%			18						23.7
EP306	ES300	STA 8210+11.84, 4.11' RT	-	-	-						192	96		
EP307	STA 8211+87.22, 4.07' RT	ES300	-	-	-						156	78		
EP308	ES301	STA 8211+55.98, 4.18' RT	-	-	-						18	9		
SHEET 3 SUBTOTAL:						26	0	76	0	0	386	193	0	76.2
EXISTING DRAINAGE AND UTILITY PLANS - SHEET 4														
R400	ES400	ES402	585.73	585.48	0.50%			50						36.1
R401	ES401	ES402	588.98	588.81	0.50%			34						5.3
R402	ES402	STA 8216+04.36, 4.17' RT	585.48	585.44	0.50%			9						3.5
EP403	STA 8216+04.36, 4.17' RT	STA 8215+99.93, 4.71' RT	-	-	-						190	95		
SHEET 4 SUBTOTAL:						0	50	43	0	0	190	95	0	44.9
EXISTING DRAINAGE AND UTILITY PLANS - SHEET 5														
SHEET 5 SUBTOTAL:						0	0	0	0	0	0	0	0	0.0
EXISTING DRAINAGE AND UTILITY PLANS - SHEET 6														
R601	ES601	STA 8282+70.23, 14.08' RT	588.52	588.48	0.50%			8						1.9
R602	ES602	STA 8282+70.16, 12.61' RT	588.57	588.57	0.50%			12						1.8
EP603	STA 8282+70.23, 14.08' RT	STA 8282+75.02, 119.83' RT	-	-	-						210	105		
SHEET 6 SUBTOTAL:						12	0	8	0	0	210	105	0	3.7

EXISTING PIPE SCHEDULE (CONTINUED)

PIPE	UPSTREAM	DOWNSTREAM	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION	PIPE SLOPE (%)	COMBINED SEWER REMOVAL 8"	COMBINED SEWER REMOVAL 10"	COMBINED SEWER REMOVAL 12"	STORM SEWER REMOVAL 8"	STORM SEWER REMOVAL 12"	TELEVISION INSPECTION OF SEWER (COMBINED)	COMBINED SEWERS TO BE CLEANED	STORM SEWERS TO BE CLEANED 8"	TRENCH BACKFILL
	STRUCTURE NO.	STRUCTURE NO.				FOOT	FOOT	FOOT	FOOT	FOOT		FOOT	FOOT	
EXISTING DRAINAGE AND UTILITY PLANS - SHEET 7														
R701	ES701	ES702	584.18	583.67	3.92%						13			5.1
R702	ES702	ES703	583.29	576.35	3.14%						221			46.7
R703	STA 8384+24.85, 14.25' RT	STA 8384+27.15, 2.00' RT	574.45	574.45	0.50%						3			2.7
EP704	ES704	STA 8384+24.85, 14.25' RT	-	-	-							26	13	
SHEET 7 SUBTOTAL:						0	0	0	3	234	26	0	13	54.5
EXISTING DRAINAGE AND UTILITY PLANS - SHEET 8														
SHEET 8 SUBTOTAL:						0	0	0	0	0	0	0	0	0.0
EXISTING DRAINAGE AND UTILITY PLANS - SHEET 9														
EP901	ES902	ES903									78	39		
EP902	ES903	ES904									184	92		
EP903	ES904	STA 42+33.89, 251.32' RT									490	245		
SHEET 9 SUBTOTAL:						0	0	0	0	0	752	376	0	0.0
TOTALS						183	50	127	3	234	3,150	1,562	13	190.1

EXISTING UTILITY STRUCTURE SCHEDULE

STRUCTURE NUMBER	STATION	OFFSET	BASELINE	VALVE VAULT TO BE ADJUSTED	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	COMMENTS
				EACH	EACH	
ES101	8310+57.51	10.93' RT	ADAMS STREET		1	
ES207	8315+78.34	23.39' LT	ADAMS STREET	1		
ES307	8211+37.73	20.37' RT	JACKSON BOULEVARD	1		
ES308	8211+78.14	71.18' RT	JACKSON BOULEVARD		1	EX RIM ELEV: 591.58 PR RIM ELEV: 592.52
ES312	8211+51.64	29.86' RT	JACKSON BOULEVARD		1	
ES403	8214+97.21	71.03' RT	JACKSON BOULEVARD		1	EX RIM ELEV: 593.18 PR RIM ELEV: 591.77
ES404	8215+38.19	26.42' RT	JACKSON BOULEVARD	1		EX RIM ELEV: 592.62 PR RIM ELEV: 592.90
ES405	8215+50.13	17.47' RT	JACKSON BOULEVARD	1		EX RIM ELEV: 592.74 PR RIM ELEV: 592.76
ES406	8215+01.38	20.94' RT	JACKSON BOULEVARD	1		EX RIM ELEV: 592.13 PR RIM ELEV: 592.60
ES407	8215+45.36	18.65' LT	JACKSON BOULEVARD	1		EX RIM ELEV: 592.73 PR RIM ELEV: 592.66
ES408	8215+53.90	17.24' LT	JACKSON BOULEVARD	1		EX RIM ELEV: 592.73 PR RIM ELEV: 592.67
TOTALS				7	4	

NOTE:

- STRUCTURE AND PIPE NUMBERS NOT INCLUDED IN THE SCHEDULES ARE NOT USED.
- SEWER TO BE TELEVISED BEFORE AND AFTER CONSTRUCTION.

FILE PATH = p:\NECOM\NA-NW\Statecom\line\local\COM_DS02_NA\Documents\01_Americas\Transportation\60269938_Circle\Phase\I\000_CAD\006_Roadway_Sheets\60X94_Contract\0160X94-Sht-Drain-Schedule.dgn



D160X94-Sht-Drain-Schedule.dgn	DESIGNED - MRC	REVISED -
USER NAME = ml-roe	DRAWN - NLD	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 3/9/2020	DATE - 3-13-2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE AND UTILITIES SCHEDULE			
SCALE:	SHEET 2	OF 5 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	156
CONTRACT NO. 60X94			ILLINOIS FED. AID PROJECT	

PROPOSED DRAINAGE STRUCTURE SCHEDULE

STRUCTURE	STATION	OFFSET	OFFSET LOCATION (EDGE OF SHOULDER, CENTER OF STRUCTURE, CENTER OF GRATE, OR FLOW LINE)	BASELINE	PROPOSED RIM (ELEV)	N. INVERT (ELEV)	W. INVERT (ELEV)	E. INVERT (ELEV)	S. INVERT (ELEV)	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID EACH	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE EACH	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID (CITY OF CHICAGO) EACH	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID EACH	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID (CITY OF CHICAGO) EACH	INLETS, TYPE A, TYPE 8 GRATE EACH	INLETS, TYPE A, TYPE 20 FRAME AND GRATE EACH
PROPOSED DRAINAGE AND UTILITY PLANS - SHEET 1																
S1-01	8310+70.00	21.79' LT	FL	ADAMS STREET	592.76				587.76			1				
S1-02	8311+10.71	22.00' RT	FL	ADAMS STREET	592.68	587.68						1				
S1-03	8311+69.11	20.98' RT	COS	ADAMS STREET	593.87		588.87	SCUPPER CONNECTION						1		
S1-04	8311+65.65	51.00' RT	COS	ADAMS STREET	593.43	588.43						1				
S1-05	8311+86.04	21.29' LT	COS	ADAMS STREET	594.62		589.62	SCUPPER CONNECTION						1		
SHEET 1 SUBTOTAL:										0	0	3	0	2	0	0
PROPOSED DRAINAGE AND UTILITY PLANS - SHEET 2																
S2-01	8315+41.79	24.43' RT	FL	ADAMS STREET	594.03	589.03		SCUPPER CONNECTION				1				
SHEET 2 SUBTOTAL:										0	0	1	0	0	0	0
PROPOSED DRAINAGE AND UTILITY PLANS - SHEET 3																
S3-01	8211+66.29	23.54' LT	FL	JACKSON BOULEVARD	595.26			SCUPPER CONNECTION	590.26			1				
S3-02	8211+84.61	23.50' RT	FL	JACKSON BOULEVARD	596.15	591.15		SCUPPER CONNECTION				1				
S3-03	8211+86.98	4.11' RT	COS	JACKSON BOULEVARD	596.57		583.40 (EX)							1		
SHEET 3 SUBTOTAL:										0	0	2	0	1	0	0
PROPOSED DRAINAGE AND UTILITY PLANS - SHEET 4																
S4-01	8214+85.83	4.07' RT	COS	JACKSON BOULEVARD	592.88				583.03					1		
S4-02	8214+98.14	22.50' LT	FL	JACKSON BOULEVARD	592.57			SCUPPER CONNECTION	587.57			1				
S4-03	8214+88.15	23.50' RT	FL	JACKSON BOULEVARD	592.46	587.46		SCUPPER CONNECTION				1				
S4-04	8215+67.85	22.56' LT	FL	JACKSON BOULEVARD	592.47				587.47			1				
SHEET 4 SUBTOTAL:										0	0	3	0	1	0	0
PROPOSED DRAINAGE AND UTILITY PLANS - SHEET 5																
S5-01	1315+24.92	18.17' RT	COS	RAMP SW	592.47										1	
SHEET 5 SUBTOTAL:										0	0	0	0	0	1	0
PROPOSED DRAINAGE AND UTILITY PLANS - SHEET 6																
S6-01	8284+37.00	2.00' RT	FL	JACKSON EXIT RAMP	583.51				579.70		1					
S6-02	8284+37.00	8.00' LT	COS	JACKSON EXIT RAMP	583.71	579.52	579.52						1			
S6-03	8283+53.00	2.00' RT	FL	JACKSON EXIT RAMP	578.59				574.80		1					
S6-04	8283+53.00	8.00' LT	COS	JACKSON EXIT RAMP	578.79	574.62	574.62		574.62				1			
S6-05	8283+01.00	2.00' RT	FL	JACKSON EXIT RAMP	576.66				572.69		1					
S6-06	8282+48.49	2.00' RT	FL	JACKSON EXIT RAMP	576.01	572.05			572.05		1					
S6-07	8282+25.00	2.00' RT	FL	JACKSON EXIT RAMP	576.22				572.17							1
S6-08	8285+05.00	9.25' RT	COS	JACKSON EXIT RAMP	593.15				588.65			1				
S6-09	8284+57.54	18.24' RT	COS	JACKSON EXIT RAMP	592.20	587.95						1				
S6-10	8284+70.40	17.61' RT	COS	JACKSON EXIT RAMP	592.68		MATCH EX							1		
SHEET 6 SUBTOTAL:										0	4	2	2	1	0	1
PROPOSED DRAINAGE AND UTILITY PLANS - SHEET 7																
S7-01	8385+58.00	2.00' RT	FL	ADAMS EXIT RAMP	584.86				580.58		1					
S7-02	8385+58.00	8.00' LT	COS	ADAMS EXIT RAMP	585.06	579.90	579.90						1			
S7-03	8384+27.15	2.00' RT	FL	ADAMS EXIT RAMP	579.16	573.90	MATCH EX	573.90			1					
S7-04	8384+00.00	2.00' RT	FL	ADAMS EXIT RAMP	578.64				574.04							1
SHEET 7 SUBTOTAL:										0	2	0	1	0	0	1
PROPOSED DRAINAGE AND UTILITY PLANS - SHEET 8																
S8-01	6340+14.87	16.00' RT	FL	NB C-D ROAD	577.05		571.80				1					
SHEET 8 SUBTOTAL:										0	1	0	0	0	0	0
PROPOSED DRAINAGE AND UTILITY PLANS - SHEET 9																
S9-01	8343+56.00	18.00' LT	FL	ADAMS ENTR RAMP	579.10				575.35		1					
S9-02	40+99.00	0.25' RT	COS	ALLEY	590.39				586.39			1				
S9-03	42+31.88	1.00' RT	COS	ALLEY	593.04				585.69			1				
S9-04	6150+09.00	7.00' LT	COS	NORTHBOUND I-90/94	576.99				570.62						1	
S9-05	6151+39.00	7.00' LT	COS	NORTHBOUND I-90/94	578.33	574.83			574.83	1						
S9-06	6151+72.00	7.00' LT	COS	NORTHBOUND I-90/94	578.62				575.12						1	
SHEET 9 SUBTOTAL:										1	1	2	0	0	2	0
TOTALS:										1	8	13	3	5	3	2

NOTE:

1. STRUCTURE AND PIPE NUMBERS NOT INCLUDED IN THE SCHEDULES ARE NOT USED.

FILE PATH = p:\N\ECOM\NA-NV\Leecomon\Ine\local\I\COM_DS02_NA\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\000_CAD\006_Roadway_Sheets\60X94_Contract\0160X94-Sht-Drain-Schedule.dgn



D160X94-Sht-Drain-Schedule.dgn	DESIGNED - MRC	REVISED -
USER NAME = mrc155	DRAWN - NLD	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 3/10/2020	DATE - 3-13-2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE AND UTILITIES SCHEDULE

SCALE: SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	157
CONTRACT NO. 60X94			ILLINOIS FED. AID PROJECT	

PROPOSED PIPE UNDERDRAIN SCHEDULE

PIPE UNDERDRAIN	BASELINE	UPSTREAM		DOWNSTREAM			PIPE UNDERDRAINS, TYPE 2
		STATION	OFFSET	STRUCTURE NO.	STATION	OFFSET	6"
							FOOT
PROPOSED SUBSURFACE DRAINAGE PLANS - SHEET 1							
						SHEET 1 SUBTOTAL:	0
PROPOSED SUBSURFACE DRAINAGE PLANS - SHEET 2							
						SHEET 2 SUBTOTAL:	0
PROPOSED SUBSURFACE DRAINAGE PLANS - SHEET 3							
						SHEET 3 SUBTOTAL:	0
PROPOSED SUBSURFACE DRAINAGE PLANS - SHEET 4							
						SHEET 4 SUBTOTAL:	0
PROPOSED SUBSURFACE DRAINAGE PLANS - SHEET 5							
PU5-01	PR JACKSON EXIT RAMP	8286+67.27	0.0'	S6-01	8284+37.00	1.00' RT	230
						SHEET 5 SUBTOTAL:	230
PROPOSED SUBSURFACE DRAINAGE PLANS - SHEET 6							
PU6-01	PR JACKSON EXIT RAMP	8284+37.00	0.0'	S6-03	8283+53.00	1.00' RT	84
PU6-02	PR JACKSON EXIT RAMP	8283+53.00	0.0'	S6-05	8283+01.00	1.00' RT	52
PU6-03	PR JACKSON EXIT RAMP	8283+01.00	0.0'	S6-06	8282+48.49	1.00' RT	52
PU6-04	PR JACKSON EXIT RAMP	8282+25.00	0.0'	S6-06	8282+48.49	1.00' RT	23
PU6-05	PR ADAMS EXIT RAMP	8387+43.58	0.0'	S7-01	8385+43.00	1.00' RT	185
						SHEET 6 SUBTOTAL:	396
PROPOSED SUBSURFACE DRAINAGE PLANS - SHEET 7							
PU7-01	PR ADAMS EXIT RAMP	8385+43.00	0.0'	S7-03	8384+27.15	1.00' RT	130
PU7-02	PR ADAMS EXIT RAMP	8384+27.15	0.0'	S7-04	8384+00.00	1.00' RT	27
PU7-03	PR ADAMS EXIT RAMP	8384+00.00	0.0'	EX UNDERDRAIN	8383+45.00	1.00' RT	55
						SHEET 7 SUBTOTAL:	212
PROPOSED SUBSURFACE DRAINAGE PLANS - SHEET 8							
PU8-01	PR JACKSON ENTR RAMP	8242+74.29	0.0'	BY OTHERS (62A76)	8243+23.08	1.00' RT	48
						SHEET 8 SUBTOTAL:	48
PROPOSED SUBSURFACE DRAINAGE PLANS - SHEET 9							
PU9-01	PR ADAMS ENTR RAMP	8343+11.48	16.0' LT	S9-01	8343+56.00	17.0' LT	44
PU9-02	PR ADAMS ENTR RAMP	8343+56.00	16.0' LT	EX UNDERDRAIN	8343+65.65	17.0' LT	9
						SHEET 9 SUBTOTAL:	53
						TOTALS:	939

NOTE:

- 1. STRUCTURE AND PIPE NUMBERS NOT INCLUDED IN THE SCHEDULES ARE NOT USED.

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D160X94-Sht-Drain-Schedule.dgn	DESIGNED - MRC	REVISED -
USER NAME = v1janachione	DRAWN - NLD	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 3/6/2020	DATE - 3-13-2020	REVISED -

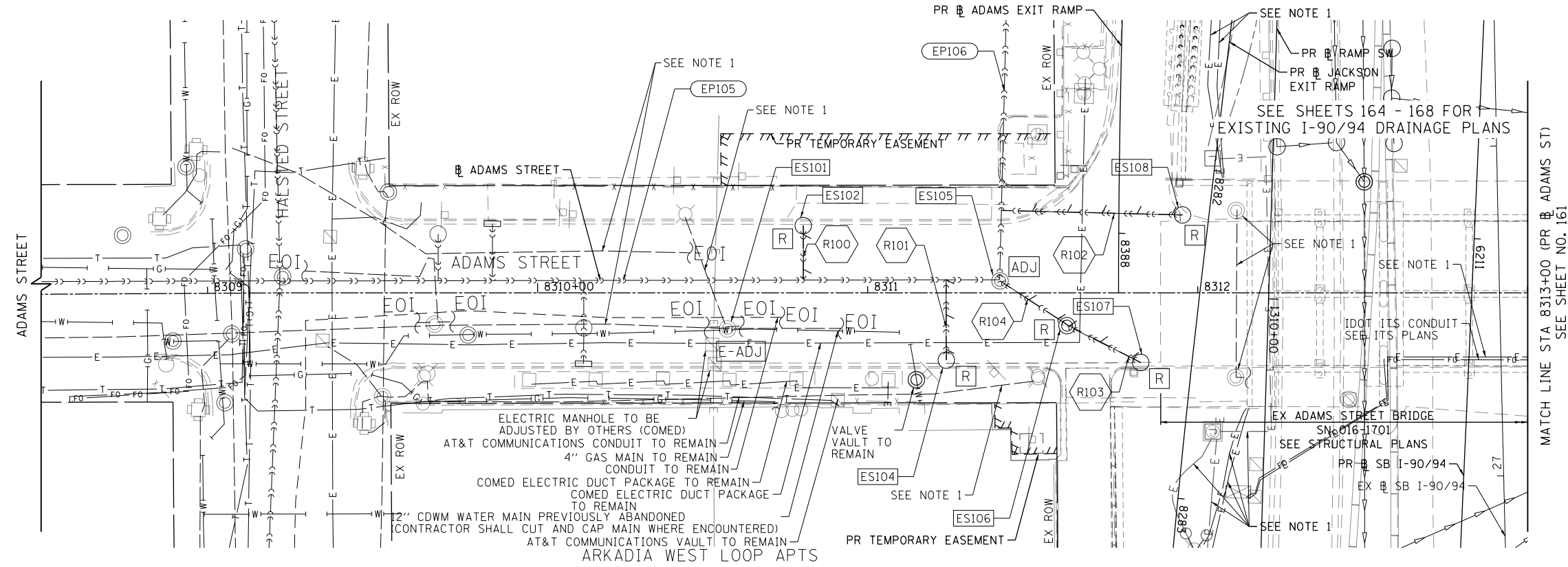
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE AND UTILITIES SCHEDULE

SCALE: SHEET 5 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	159
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X94	

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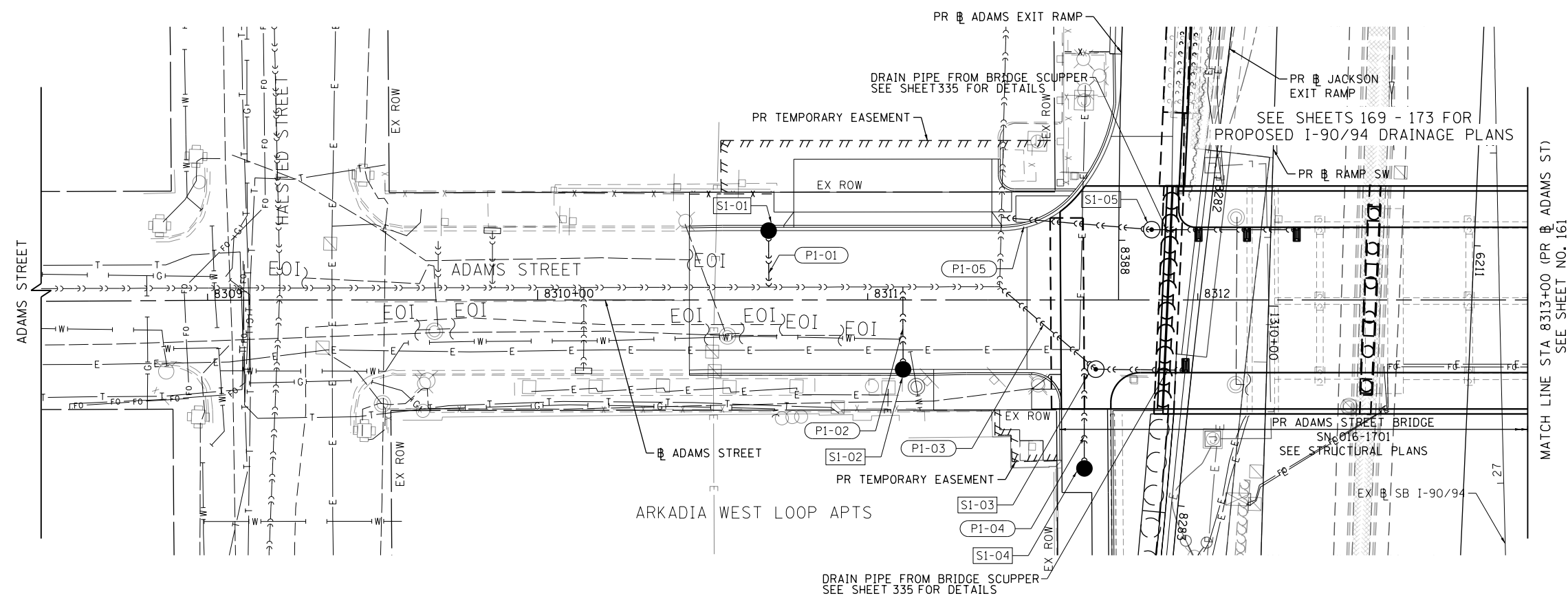
EXISTING

LEGEND

- ⊙ MANHOLE TO BE INSTALLED BY OTHERS
- CATCH BASIN TO BE INSTALLED BY OTHERS
- INLET TO BE INSTALLED BY OTHERS
- ADJ DRAINAGE STRUCTURE TO BE ADJUSTED
- REC DRAINAGE STRUCTURE TO BE RECONSTRUCTED
- A DRAINAGE STRUCTURE TO BE ADJUSTED WITH NEW FRAME AND/OR LID
- R DRAINAGE STRUCTURE TO BE REMOVED
- W-ADJ CITY WATER ADJUST
- W-R CITY WATER REMOVAL
- E-ADJ CITY ELECTRIC ADJUST
- E-R CITY ELECTRIC REMOVAL
- STORM SEWER TO BE REMOVED BY OTHERS
- COMBINED SEWER TO BE REMOVED BY OTHERS
- STORM SEWER TO BE FILLED AND ABANDONED BY OTHERS
- STORM SEWER TO BE INSTALLED BY OTHERS
- STORM SEWER REMOVAL
- COMBINED SEWER REMOVAL
- ABANDON AND FILL EXISTING STORM SEWER

NOTES:

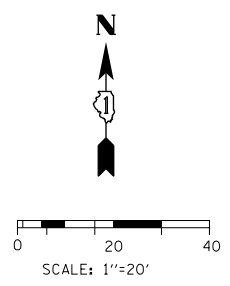
- FOR ALL CITY OF CHICAGO CONDUITS, SEE LIGHTING PLANS



PROPOSED

LEGEND

- ⊙ EXISTING MANHOLE
- EXISTING CATCH BASIN
- EXISTING INLET
- ⊙ PROPOSED MANHOLE
- PROPOSED CATCH BASIN
- PROPOSED INLET
- BRIDGE SCUPPER (SEE STRUCTURAL PLANS)
- ⊙ MANHOLE TO BE INSTALLED BY OTHERS
- CATCH BASIN TO BE INSTALLED BY OTHERS
- INLET TO BE INSTALLED BY OTHERS
- STORM SEWER TO BE INSTALLED BY OTHERS
- PROPOSED STORM SEWER
- PROPOSED COMBINED SEWER



D160X94-Sht-Drain-01.dgn
 USER NAME = v1janachione
 PLOT SCALE = 40.0000' / in.
 PLOT DATE = 3/6/2020

DESIGNED - MRC
 DRAWN - NLD
 CHECKED - JMG
 DATE - 3-13-2020

REVISED -
 REVISED -
 REVISED -
 REVISED -

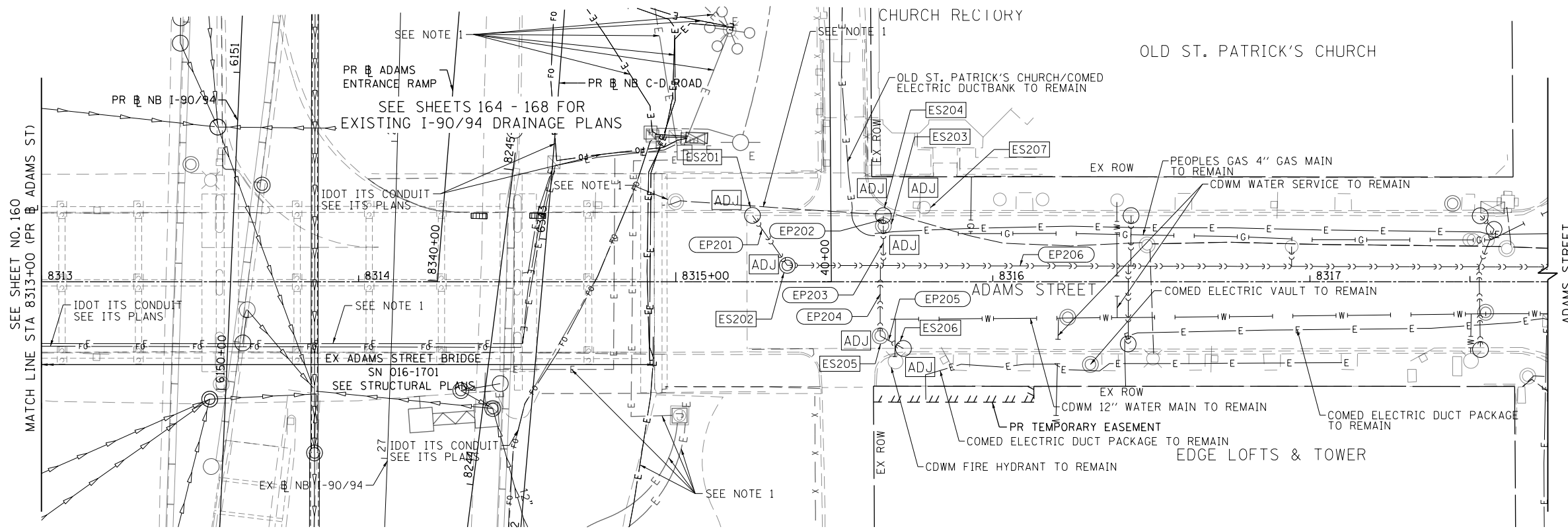
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE AND UTILITIES PLAN
 ADAMS STREET**

SCALE: 1"=20' SHEET 1 OF 2 SHEETS STA. 8308+50 TO STA. 8313+00

F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-15R&B-R	COOK	825	160
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				

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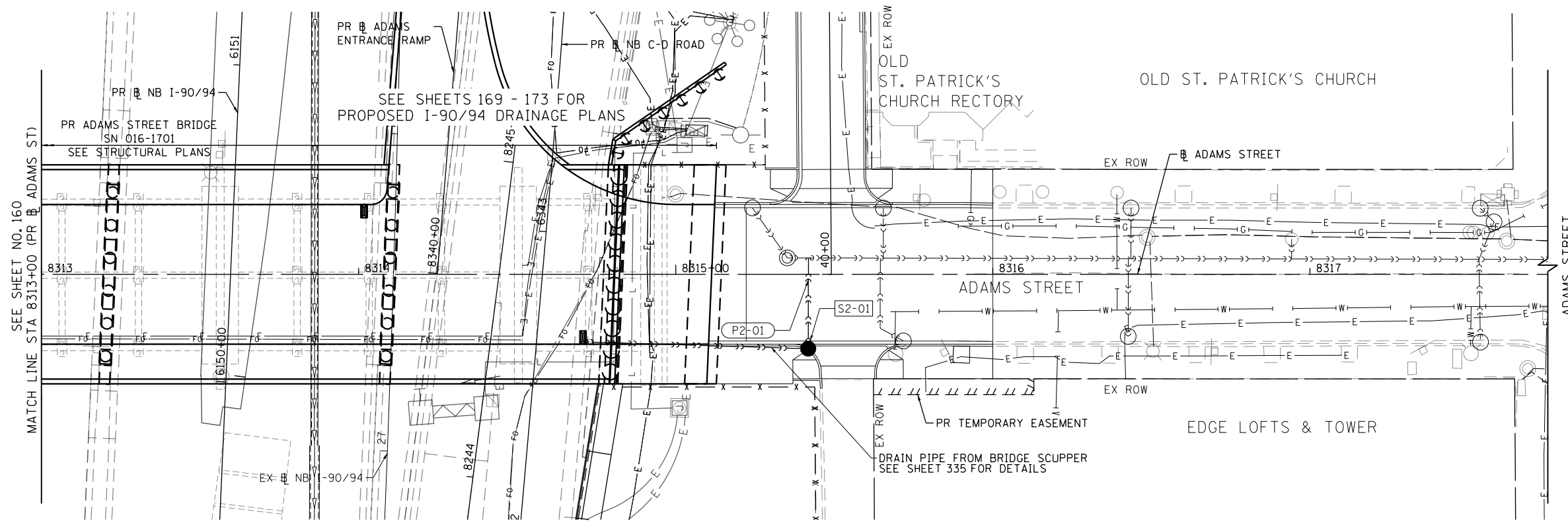
EXISTING

LEGEND

	MANHOLE TO BE INSTALLED BY OTHERS
	CATCH BASIN TO BE INSTALLED BY OTHERS
	INLET TO BE INSTALLED BY OTHERS
	DRAINAGE STRUCTURE TO BE ADJUSTED
	DRAINAGE STRUCTURE TO BE RECONSTRUCTED
	DRAINAGE STRUCTURE TO BE ADJUSTED WITH NEW FRAME AND/OR LID
	DRAINAGE STRUCTURE TO BE REMOVED
	CITY WATER ADJUST
	CITY WATER REMOVAL
	CITY ELECTRIC ADJUST
	CITY ELECTRIC REMOVAL
	STORM SEWER TO BE REMOVED BY OTHERS
	COMBINED SEWER TO BE REMOVED BY OTHERS
	STORM SEWER TO BE FILLED AND ABANDONED BY OTHERS
	STORM SEWER TO BE INSTALLED BY OTHERS
	STORM SEWER REMOVAL
	COMBINED SEWER REMOVAL
	ABANDON AND FILL EXISTING STORM SEWER

NOTES:

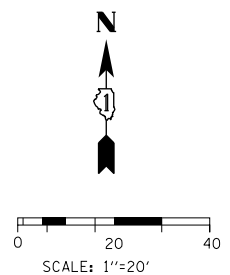
1. FOR ALL CITY OF CHICAGO CONDUITS, SEE LIGHTING PLANS



PROPOSED

LEGEND

	EXISTING MANHOLE
	EXISTING CATCH BASIN
	EXISTING INLET
	PROPOSED MANHOLE
	PROPOSED CATCH BASIN
	PROPOSED INLET
	BRIDGE SCUPPER (SEE STRUCTURAL PLANS)
	MANHOLE TO BE INSTALLED BY OTHERS
	CATCH BASIN TO BE INSTALLED BY OTHERS
	INLET TO BE INSTALLED BY OTHERS
	STORM SEWER TO BE INSTALLED BY OTHERS
	PROPOSED STORM SEWER
	PROPOSED COMBINED SEWER



D160X94-Sht-Drain-02.dgn
 USER NAME = v1janachione
 PLOT SCALE = 40.0000' / in.
 PLOT DATE = 3/6/2020

DESIGNED - MRC
 DRAWN - NLD
 CHECKED - JMG
 DATE - 3-13-2020

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE AND UTILITIES PLAN
 ADAMS STREET**

SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. 8313+00 TO STA. 8317+75

F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-15R&B-R	COOK	825	161
CONTRACT NO. 60X94			ILLINOIS FED. AID PROJECT	

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EXISTING

LEGEND

- ⊙ MANHOLE TO BE INSTALLED BY OTHERS
- CATCH BASIN TO BE INSTALLED BY OTHERS
- INLET TO BE INSTALLED BY OTHERS
- ADJ DRAINAGE STRUCTURE TO BE ADJUSTED
- REC DRAINAGE STRUCTURE TO BE RECONSTRUCTED
- A DRAINAGE STRUCTURE TO BE ADJUSTED WITH NEW FRAME AND/OR LID
- R DRAINAGE STRUCTURE TO BE REMOVED
- W-ADJ CITY WATER ADJUST
- W-R CITY WATER REMOVAL
- E-ADJ CITY ELECTRIC ADJUST
- E-R CITY ELECTRIC REMOVAL
- STORM SEWER TO BE REMOVED BY OTHERS
- COMBINED SEWER TO BE REMOVED BY OTHERS
- STORM SEWER TO BE FILLED AND ABANDONED BY OTHERS
- STORM SEWER TO BE INSTALLED BY OTHERS
- STORM SEWER REMOVAL
- COMBINED SEWER REMOVAL
- ABANDON AND FILL EXISTING STORM SEWER

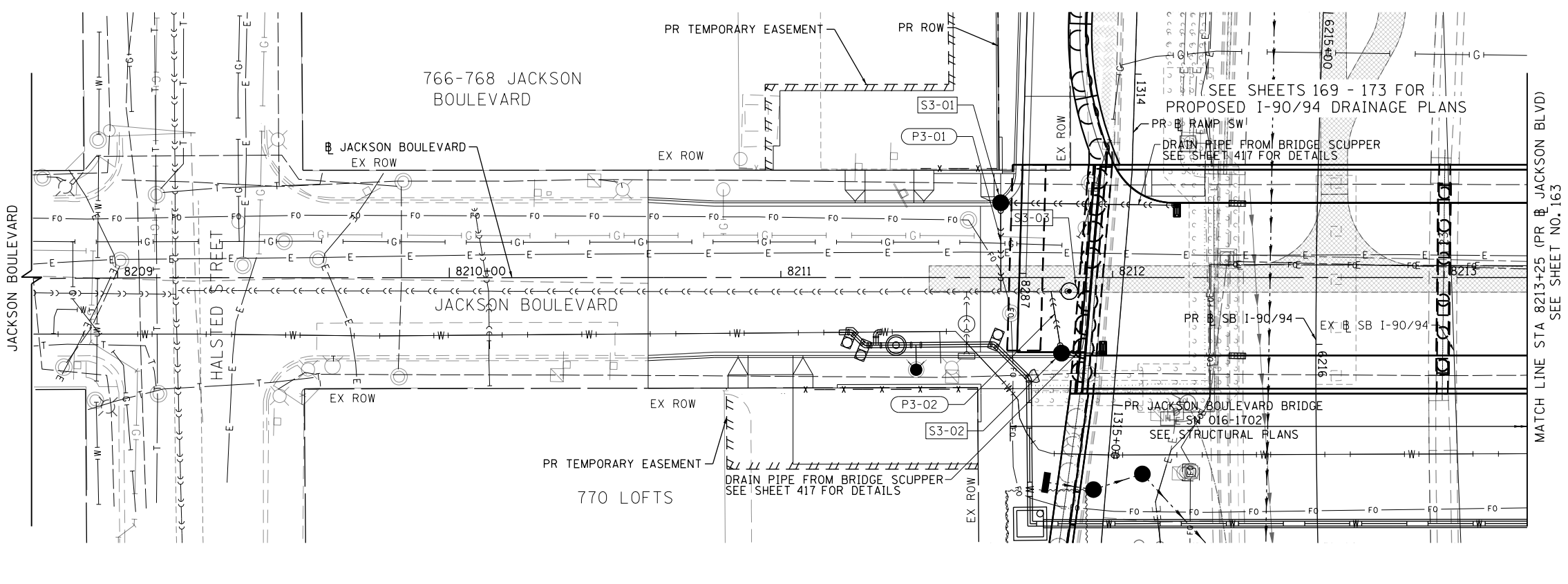
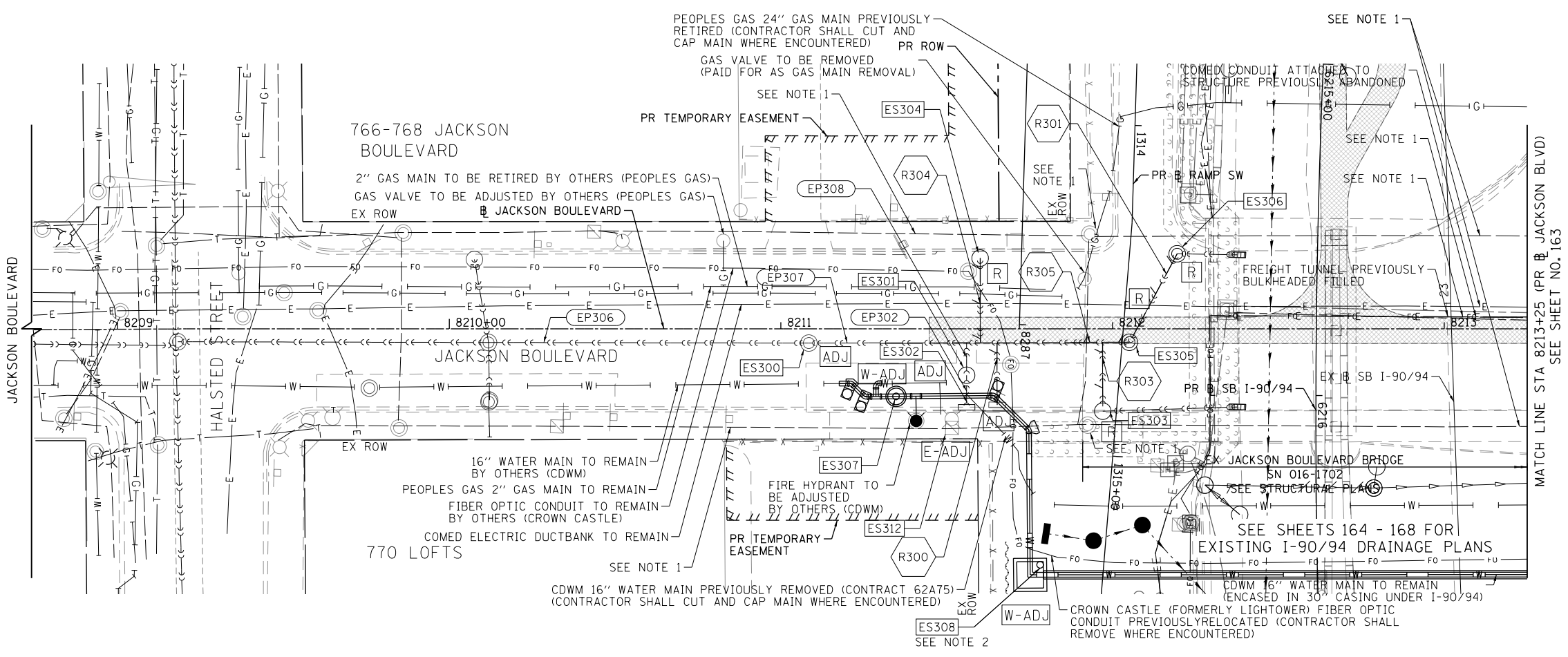
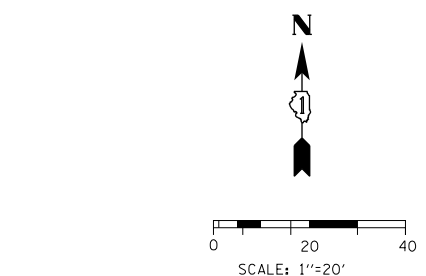
NOTES:

1. FOR ALL CITY OF CHICAGO CONDUITS, SEE LIGHTING PLANS
2. SEE SHEET 205 FOR INFORMATION ON EXISTING RISER SHAFTS

PROPOSED

LEGEND

- ⊙ EXISTING MANHOLE
- EXISTING CATCH BASIN
- EXISTING INLET
- ⊙ PROPOSED MANHOLE
- PROPOSED CATCH BASIN
- PROPOSED INLET
- BRIDGE SCUPPER (SEE STRUCTURAL PLANS)
- ⊙ MANHOLE TO BE INSTALLED BY OTHERS
- CATCH BASIN TO BE INSTALLED BY OTHERS
- INLET TO BE INSTALLED BY OTHERS
- STORM SEWER TO BE INSTALLED BY OTHERS
- PROPOSED STORM SEWER
- PROPOSED COMBINED SEWER



D160X94-Sht-Drain-03.dgn
 USER NAME = v1janachione
 PLOT SCALE = 40.0000' / in.
 PLOT DATE = 3/6/2020

DESIGNED - MRC
 DRAWN - NLD
 CHECKED - JMG
 DATE - 3-13-2020

REVISED -
 REVISED -
 REVISED -
 REVISED -

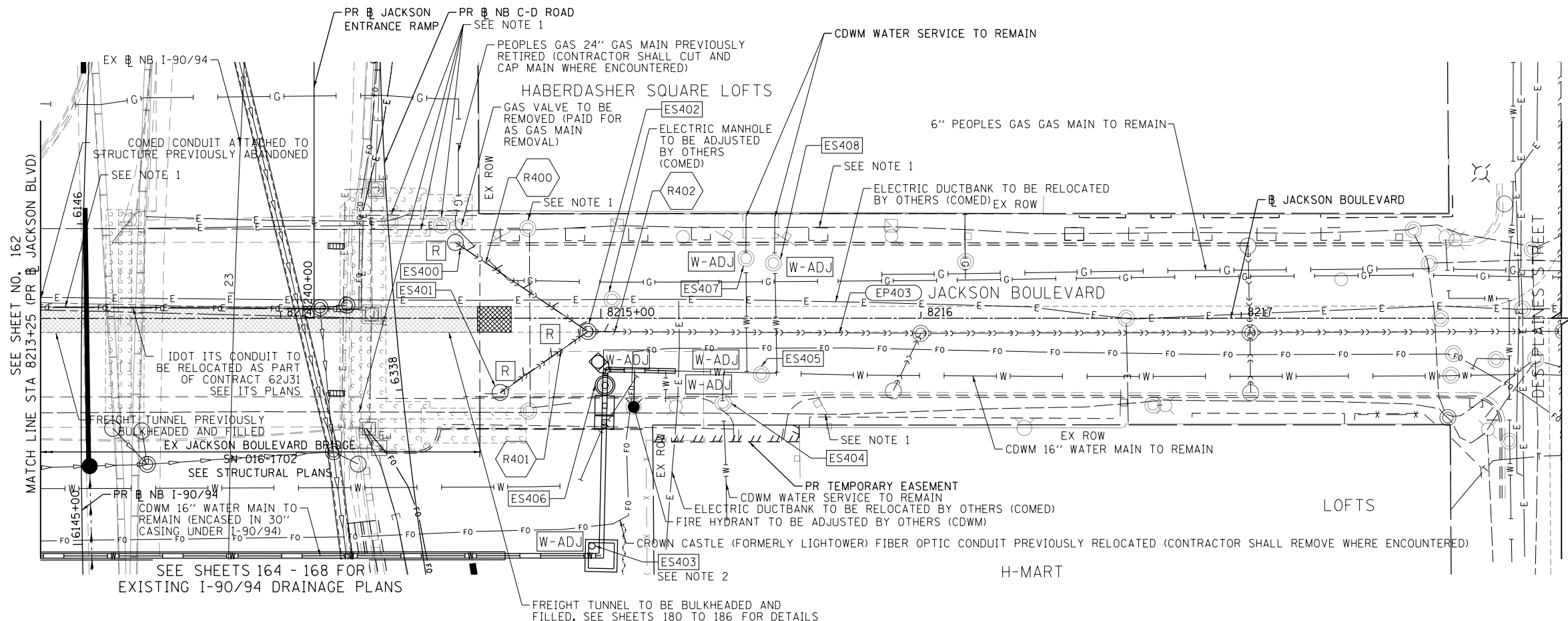
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE AND UTILITIES PLAN
 JACKSON BOULEVARD**

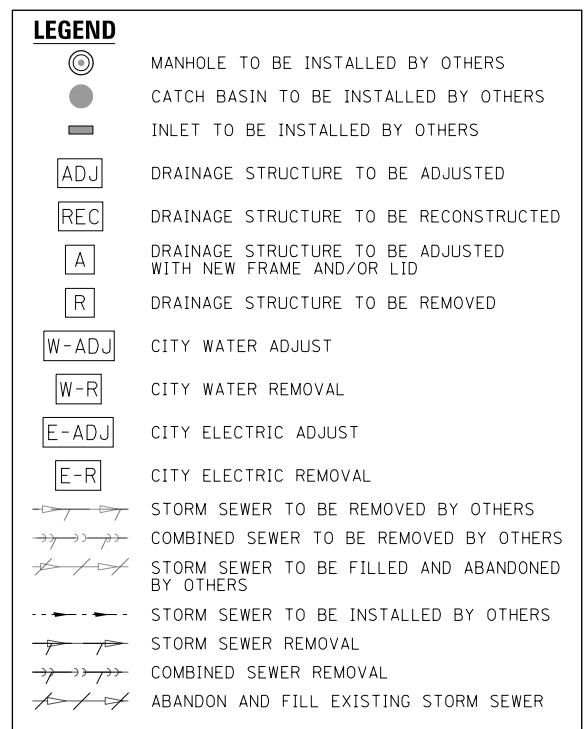
SCALE: 1"=20' SHEET 1 OF 2 SHEETS STA. 8208+75 TO STA. 8213+25

F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-15R&B-R	COOK	825	162
CONTRACT NO. 60X94			ILLINOIS FED. AID PROJECT	

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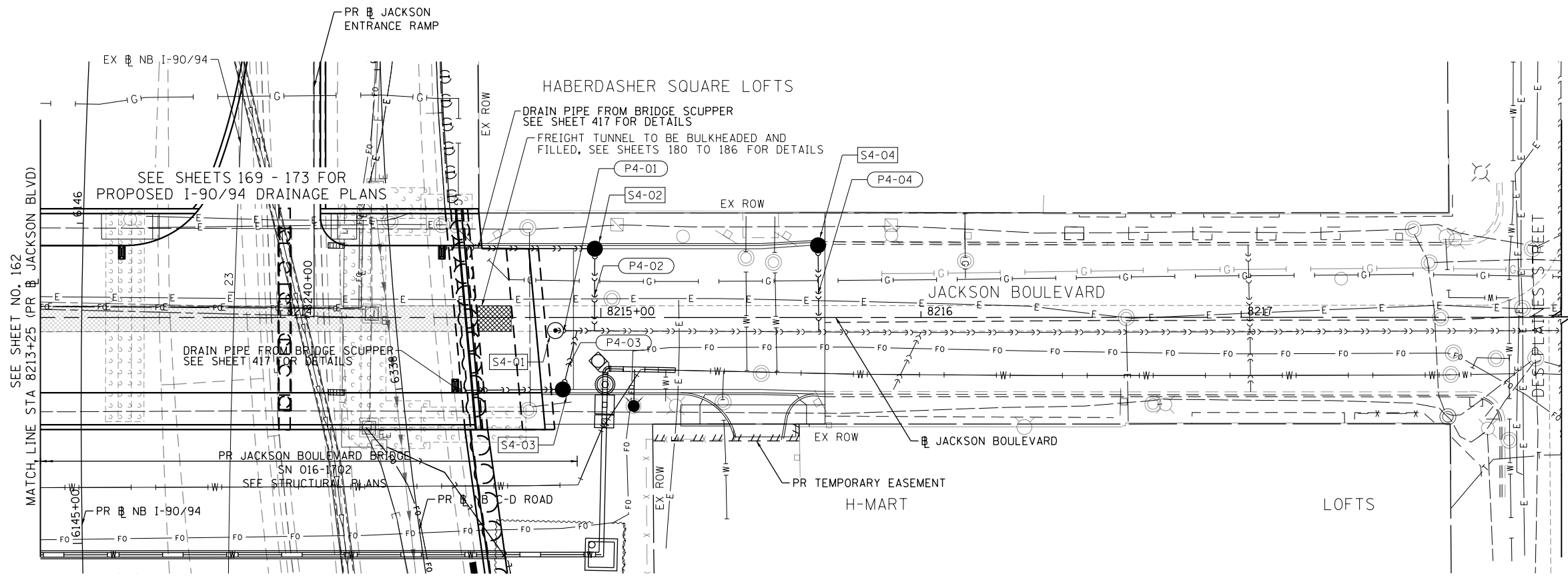


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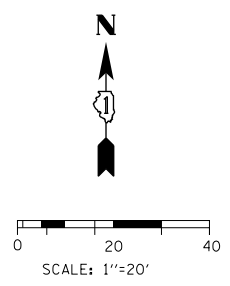
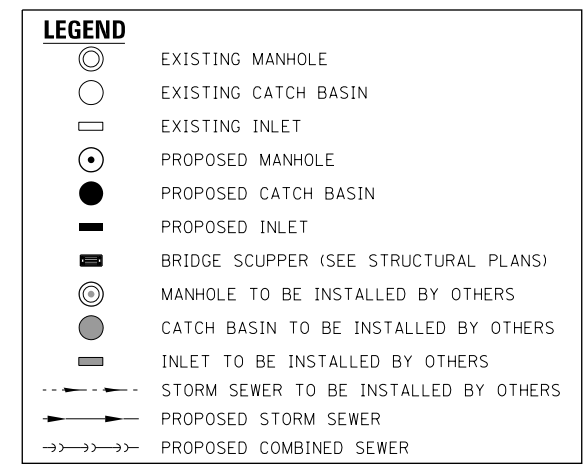


NOTES:

1. FOR ALL CITY OF CHICAGO CONDUITS, SEE LIGHTING PLANS
2. SEE SHEET 205 FOR INFORMATION ON EXISTING RISER SHAFTS



PROPOSED



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 USER NAME = vjjanachione
 PLOT SCALE = 40.0000' / in.
 PLOT DATE = 3/6/2020

DESIGNED - #DRP-03-DE
 DRAWN - #DRP-03-DR
 CHECKED - #DRP-03-CH
 DATE - 3-13-2020

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE AND UTILITIES PLAN
 JACKSON BOULEVARD**

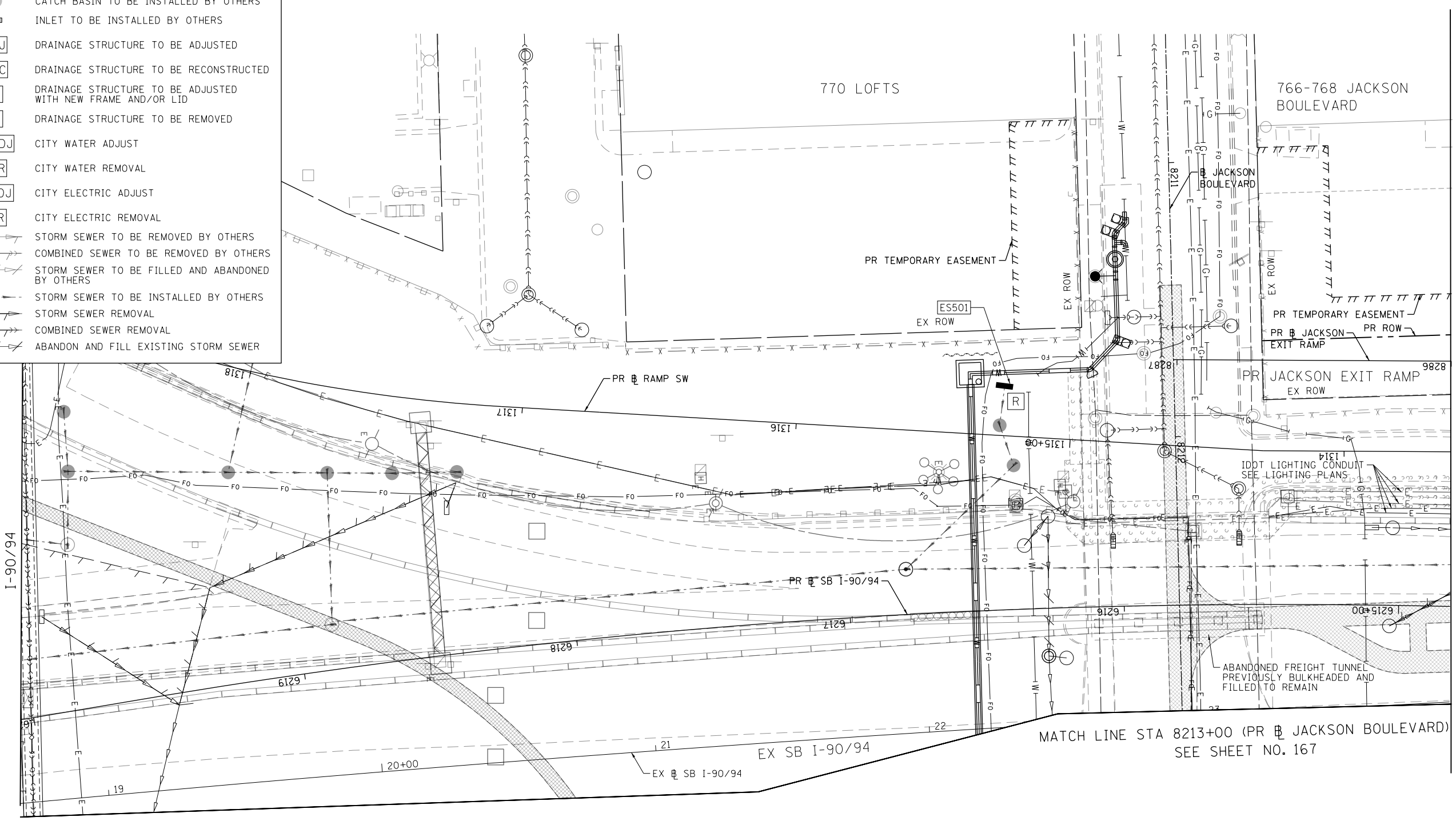
SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. 8213+25 TO STA. 8217+75

F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-15R&B-R	COOK	825	163
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				



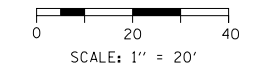
LEGEND

	MANHOLE TO BE INSTALLED BY OTHERS
	CATCH BASIN TO BE INSTALLED BY OTHERS
	INLET TO BE INSTALLED BY OTHERS
	DRAINAGE STRUCTURE TO BE ADJUSTED
	DRAINAGE STRUCTURE TO BE RECONSTRUCTED
	DRAINAGE STRUCTURE TO BE ADJUSTED WITH NEW FRAME AND/OR LID
	DRAINAGE STRUCTURE TO BE REMOVED
	CITY WATER ADJUST
	CITY WATER REMOVAL
	CITY ELECTRIC ADJUST
	CITY ELECTRIC REMOVAL
	STORM SEWER TO BE REMOVED BY OTHERS
	COMBINED SEWER TO BE REMOVED BY OTHERS
	STORM SEWER TO BE FILLED AND ABANDONED BY OTHERS
	STORM SEWER TO BE INSTALLED BY OTHERS
	STORM SEWER REMOVAL
	COMBINED SEWER REMOVAL
	ABANDON AND FILL EXISTING STORM SEWER



NOTES:

- SEE SHEETS 162 AND 163 FOR JACKSON BOULEVARD DRAINAGE REMOVALS.



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USER NAME = v1janachione
PLOT SCALE = 40.0000' / in.
PLOT DATE = 3/6/2020

DESIGNED - MRC	REVISED -
DRAWN - NLD	REVISED -
CHECKED - JMG	REVISED -
DATE - 3-13-2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING DRAINAGE REMOVAL AND UTILITIES PLAN			
I-9094			
SCALE: 1"=20'	SHEET 1	OF 5 SHEETS	STA. 8286+00 TO STA. 8287+00

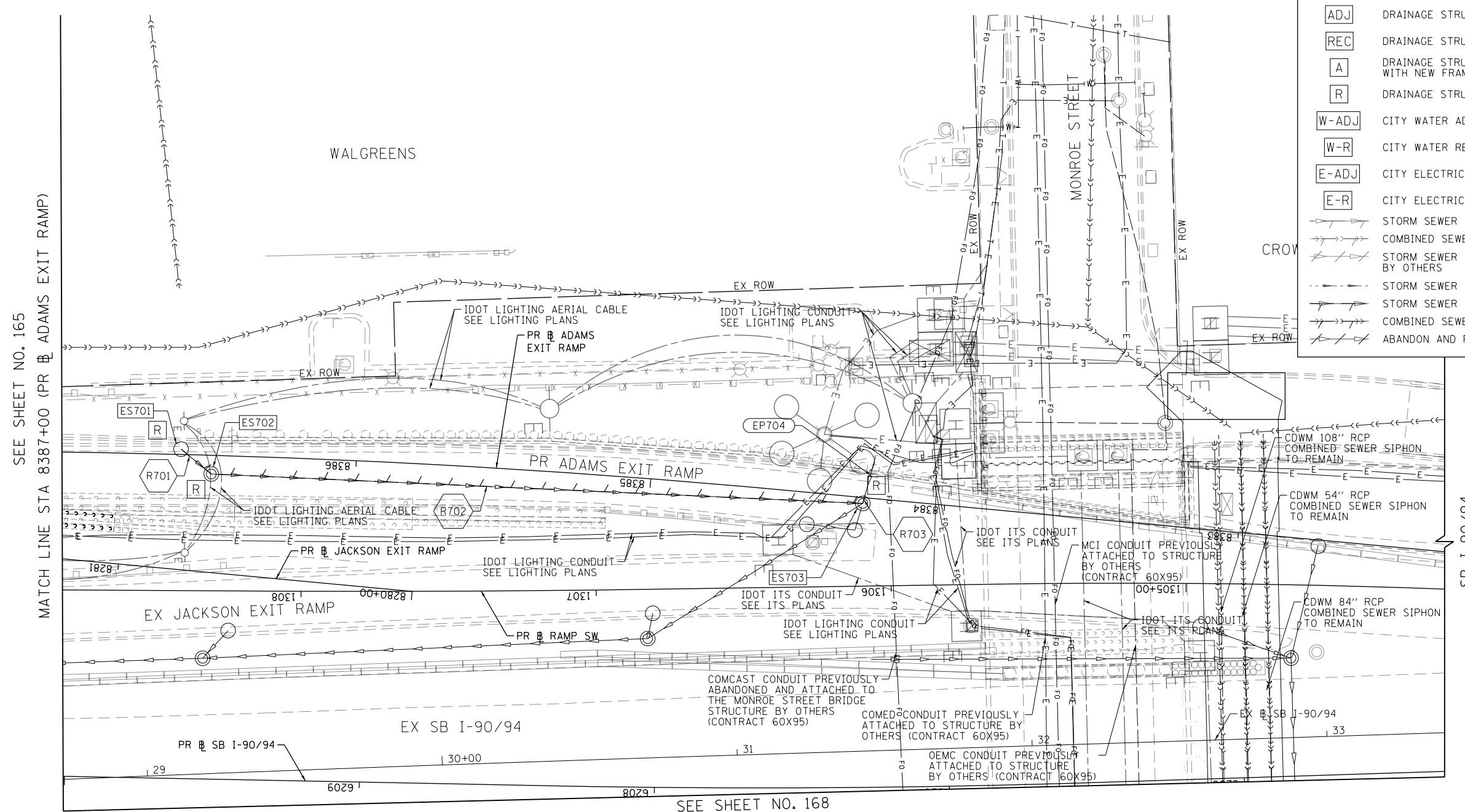
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	164
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				

MATCH LINE STA 8387+00 (PR B ADAMS EXIT RAMP) SEE SHEET NO. 165

MATCH LINE STA 8213+00 (PR B JACKSON BOULEVARD) SEE SHEET NO. 167



LEGEND	
	MANHOLE TO BE INSTALLED BY OTHERS
	CATCH BASIN TO BE INSTALLED BY OTHERS
	INLET TO BE INSTALLED BY OTHERS
	DRAINAGE STRUCTURE TO BE ADJUSTED
	DRAINAGE STRUCTURE TO BE RECONSTRUCTED
	DRAINAGE STRUCTURE TO BE ADJUSTED WITH NEW FRAME AND/OR LID
	DRAINAGE STRUCTURE TO BE REMOVED
	CITY WATER ADJUST
	CITY WATER REMOVAL
	CITY ELECTRIC ADJUST
	CITY ELECTRIC REMOVAL
	STORM SEWER TO BE REMOVED BY OTHERS
	COMBINED SEWER TO BE REMOVED BY OTHERS
	STORM SEWER TO BE FILLED AND ABANDONED BY OTHERS
	STORM SEWER TO BE INSTALLED BY OTHERS
	STORM SEWER REMOVAL
	COMBINED SEWER REMOVAL
	ABANDON AND FILL EXISTING STORM SEWER

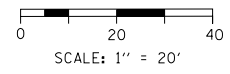


SEE SHEET NO. 165
MATCH LINE STA 8387+00 (PR ADAMS EXIT RAMP)

SEE SHEET NO. 168

NOTES:

- SEE SHEETS 160 AND 161 FOR ADAMS STREET DRAINAGE REMOVALS.



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D160X94-Sht-Drain-Rem-03.dgn	DESIGNED - MRC	REVISED -
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PLOT SCALE = 40.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 3/6/2020	DATE - 3-13-2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

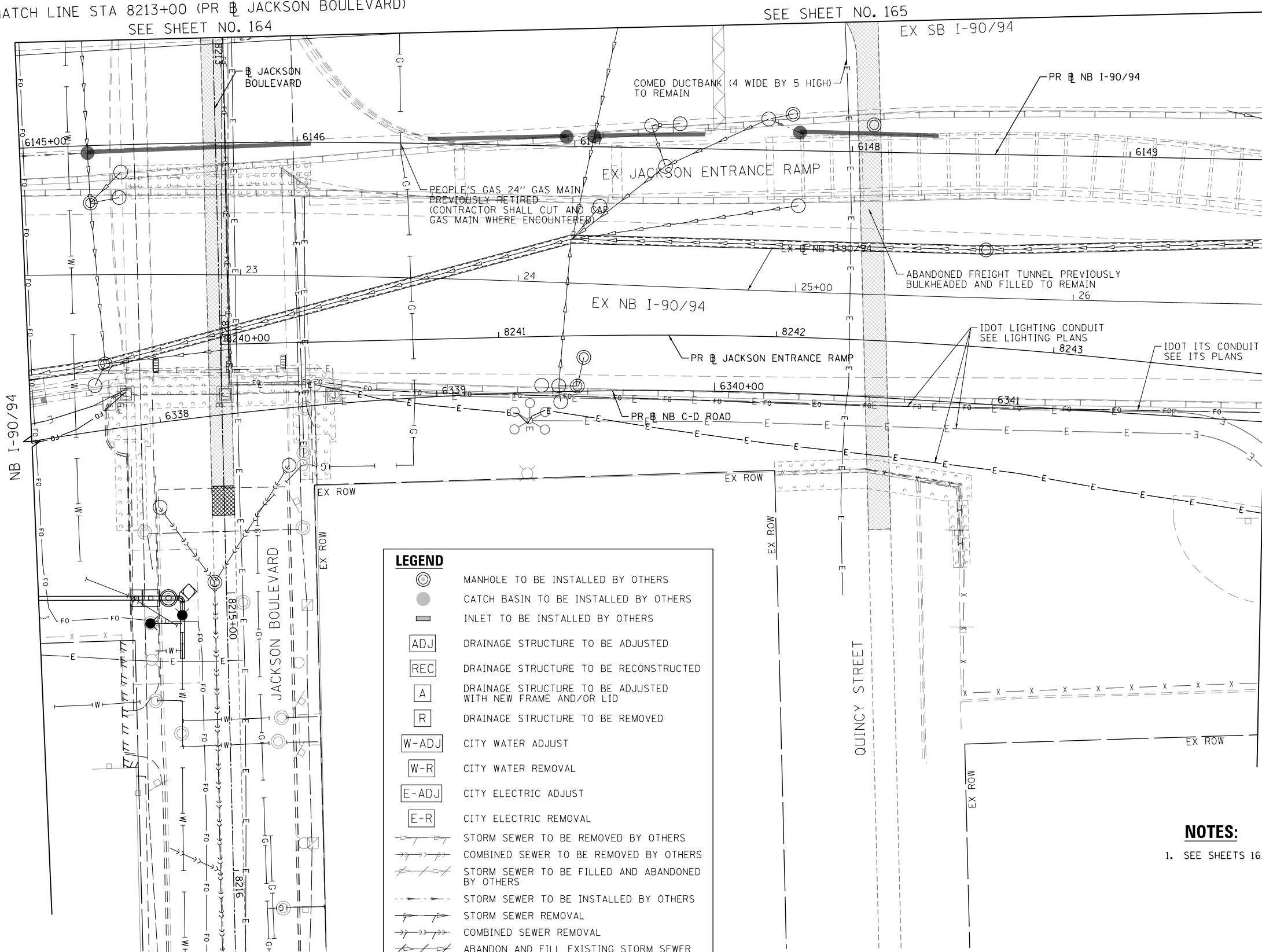
EXISTING DRAINAGE REMOVAL AND UTILITIES PLAN			
I-90/94			
SCALE: 1"=20'	SHEET 3	OF 5 SHEETS	STA. 8382+25 TO STA. 8387+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	166
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA 8213+00 (PR B JACKSON BOULEVARD)
SEE SHEET NO. 164

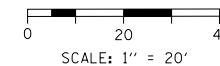
SEE SHEET NO. 165



MATCH LINE STA 6149+50 (PR B NB I-90/94)
SEE SHEET NO. 168

LEGEND	
	MANHOLE TO BE INSTALLED BY OTHERS
	CATCH BASIN TO BE INSTALLED BY OTHERS
	INLET TO BE INSTALLED BY OTHERS
	DRAINAGE STRUCTURE TO BE ADJUSTED
	DRAINAGE STRUCTURE TO BE RECONSTRUCTED
	DRAINAGE STRUCTURE TO BE ADJUSTED WITH NEW FRAME AND/OR LID
	DRAINAGE STRUCTURE TO BE REMOVED
	CITY WATER ADJUST
	CITY WATER REMOVAL
	CITY ELECTRIC ADJUST
	CITY ELECTRIC REMOVAL
	STORM SEWER TO BE REMOVED BY OTHERS
	COMBINED SEWER TO BE REMOVED BY OTHERS
	STORM SEWER TO BE FILLED AND ABANDONED BY OTHERS
	STORM SEWER TO BE INSTALLED BY OTHERS
	STORM SEWER REMOVAL
	COMBINED SEWER REMOVAL
	ABANDON AND FILL EXISTING STORM SEWER

NOTES:
1. SEE SHEETS 162 AND 163 FOR JACKSON BOULEVARD DRAINAGE REMOVALS.



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D:\60X94-Sht-Drain-Rem-04.dgn
USER NAME = vjanachione
PLOT SCALE = 40.0000' / in.
PLOT DATE = 3/6/2020

DESIGNED - MRC	REVISED -
DRAWN - NLD	REVISED -
CHECKED - JMG	REVISED -
DATE - 3-13-2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING DRAINAGE REMOVAL AND UTILITIES PLAN
I-9094**

SCALE: 1"=20' SHEET 4 OF 5 SHEETS STA. 6145+00 TO STA. 6149+50

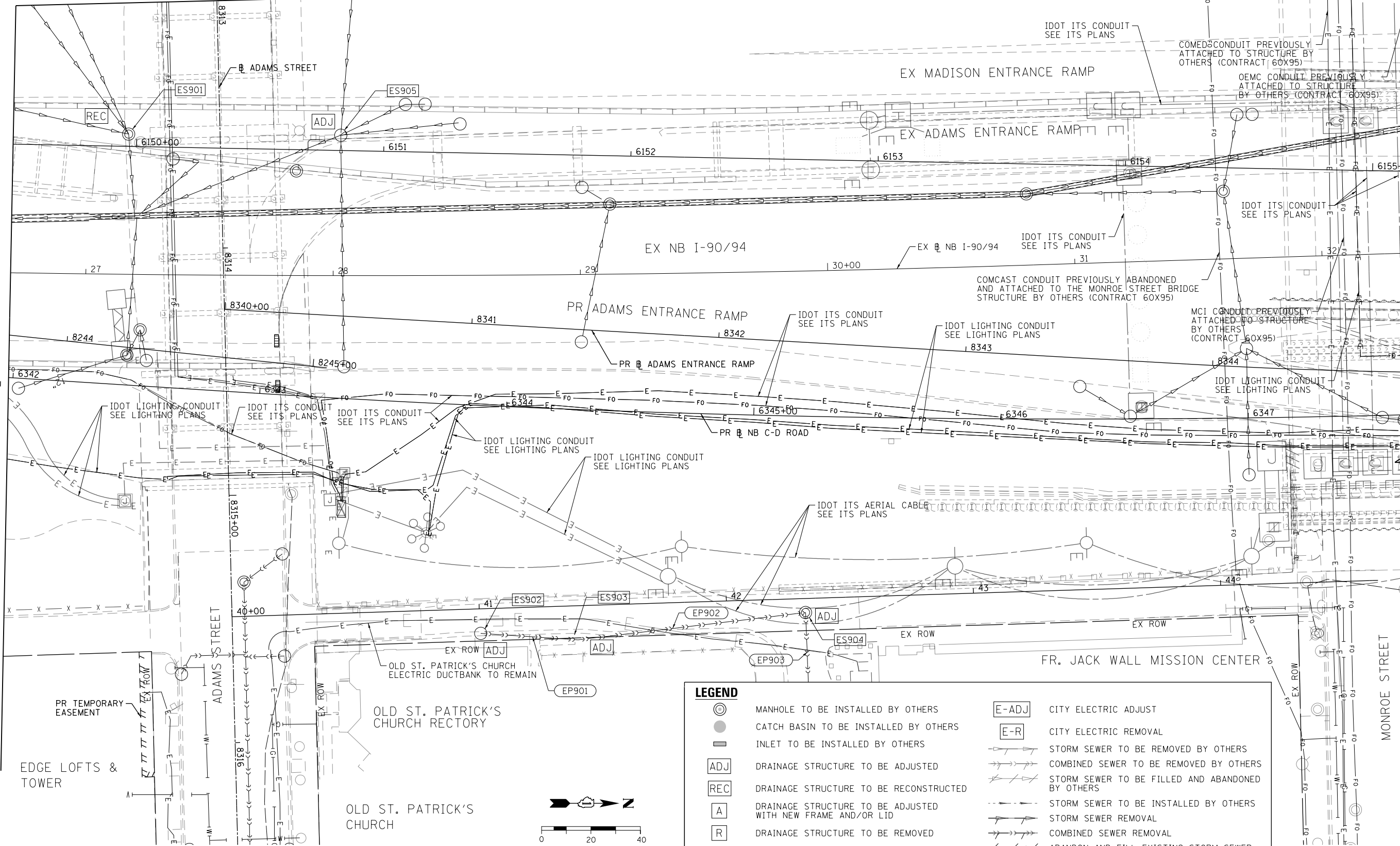
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	167
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				

SEE SHEET NO. 165
MATCH LINE STA 8313+00 (PR ADAMS STREET)

SEE SHEET NO. 166
MATCH LINE STA 8313+00 (PR ADAMS STREET)

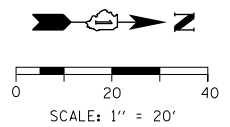
SEE SHEET NO. 167
MATCH LINE STA 6149+50 (PR NB I-90/94)

NB I-90/94



NOTES:
1. SEE SHEETS 160 AND 161 FOR ADAMS STREET DRAINAGE REMOVALS.

LEGEND	
⊙	MANHOLE TO BE INSTALLED BY OTHERS
●	CATCH BASIN TO BE INSTALLED BY OTHERS
—	INLET TO BE INSTALLED BY OTHERS
ADJ	DRAINAGE STRUCTURE TO BE ADJUSTED
REC	DRAINAGE STRUCTURE TO BE RECONSTRUCTED
A	DRAINAGE STRUCTURE TO BE ADJUSTED WITH NEW FRAME AND/OR LID
R	DRAINAGE STRUCTURE TO BE REMOVED
W-ADJ	CITY WATER ADJUST
W-R	CITY WATER REMOVAL
E-ADJ	CITY ELECTRIC ADJUST
E-R	CITY ELECTRIC REMOVAL
—	STORM SEWER TO BE REMOVED BY OTHERS
—	COMBINED SEWER TO BE REMOVED BY OTHERS
—	STORM SEWER TO BE FILLED AND ABANDONED BY OTHERS
—	STORM SEWER TO BE INSTALLED BY OTHERS
—	STORM SEWER REMOVAL
—	COMBINED SEWER REMOVAL
—	ABANDON AND FILL EXISTING STORM SEWER



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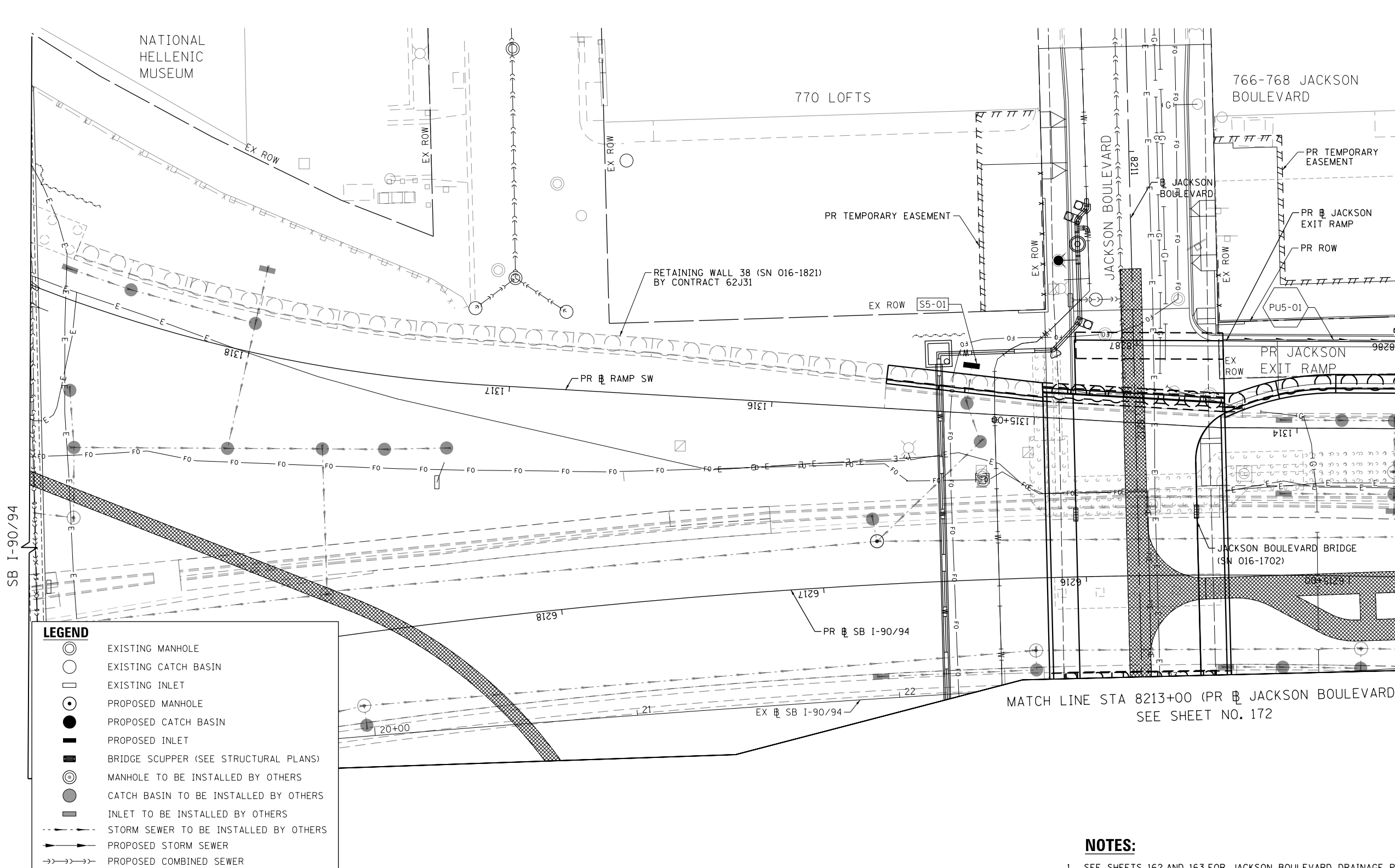
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USER NAME = v1janachione
PLOT SCALE = 40.0000' / in.
PLOT DATE = 3/6/2020

DESIGNED - MRC	REVISED -
DRAWN - NLD	REVISED -
CHECKED - JMG	REVISED -
DATE - 3-13-2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING DRAINAGE REMOVAL AND UTILITIES PLAN			
I-90/94			
SCALE: 1"=20'	SHEET 5	OF 5 SHEETS	STA. 6149+50 TO STA. 6155+12

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	168
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X94	

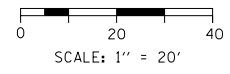


LEGEND

- ⊙ EXISTING MANHOLE
- EXISTING CATCH BASIN
- EXISTING INLET
- ⊙ PROPOSED MANHOLE
- PROPOSED CATCH BASIN
- ▬ PROPOSED INLET
- ▬ BRIDGE SCUPPER (SEE STRUCTURAL PLANS)
- ⊙ MANHOLE TO BE INSTALLED BY OTHERS
- CATCH BASIN TO BE INSTALLED BY OTHERS
- ▬ INLET TO BE INSTALLED BY OTHERS
- STORM SEWER TO BE INSTALLED BY OTHERS
- PROPOSED STORM SEWER
- PROPOSED COMBINED SEWER

NOTES:

1. SEE SHEETS 162 AND 163 FOR JACKSON BOULEVARD DRAINAGE PLAN.



FILE PATH = p:\necdm\m-n\wsl\ecom\1\local\ecom\502\502\MA\Documents\01\America\Transportation\60269938 Circle Phase\1\000 CAD\006 Roadway\Sheets\60X94_Contract\0160X94-Sht-Drain-9094-01.dgn



D160X94-Sht-Drain-9094-01.dgn	DESIGNED - MRC	REVISED -
USER NAME = vljanachione	DRAWN - NLD	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 3/6/2020	DATE - 3-13-2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

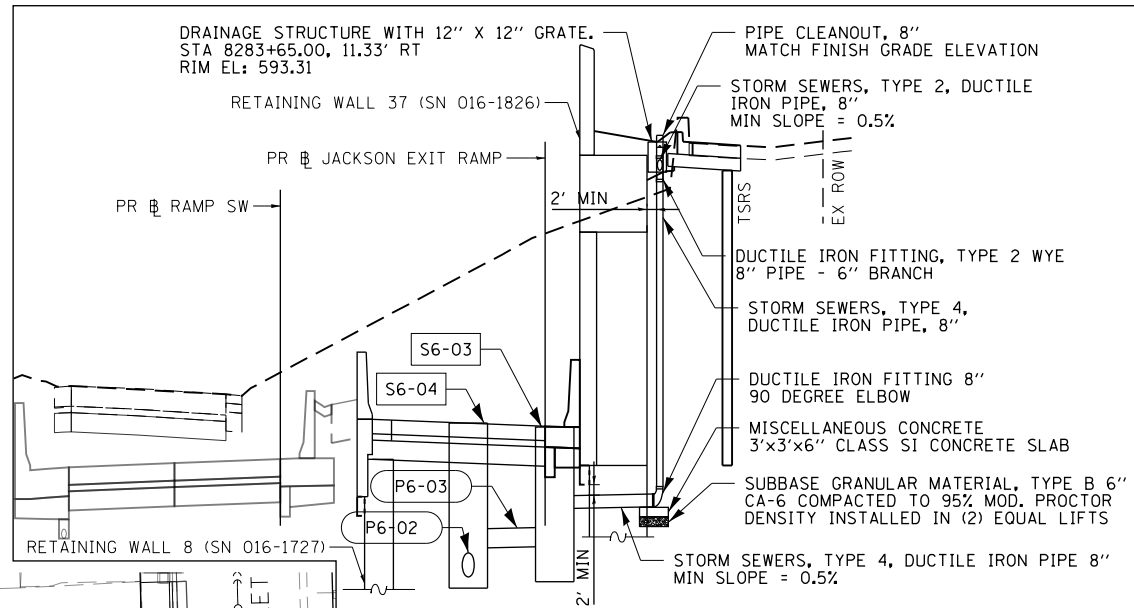
**PROPOSED DRAINAGE PLAN
I-9094**

SCALE: 1"=20' SHEET 1 OF 5 SHEETS STA. 8286+00 TO STA. 8287+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	169
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				

LEGEND

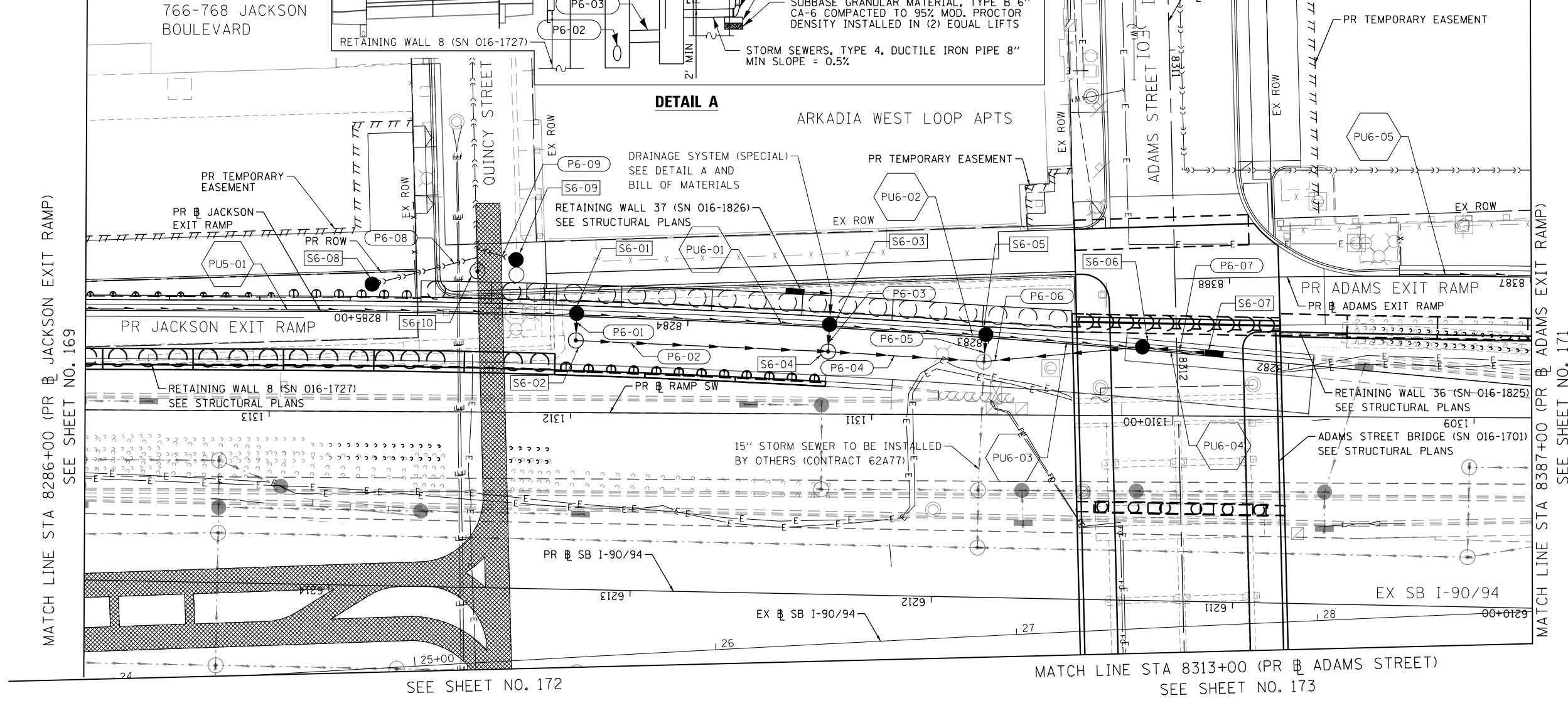
○	EXISTING MANHOLE
○	EXISTING CATCH BASIN
□	EXISTING INLET
●	PROPOSED MANHOLE
●	PROPOSED CATCH BASIN
■	PROPOSED INLET
■	BRIDGE SCUPPER (SEE STRUCTURAL PLANS)
○	MANHOLE TO BE INSTALLED BY OTHERS
●	CATCH BASIN TO BE INSTALLED BY OTHERS
■	INLET TO BE INSTALLED BY OTHERS
---	STORM SEWER TO BE INSTALLED BY OTHERS
→	PROPOSED STORM SEWER
→	PROPOSED COMBINED SEWER



BILL OF MATERIALS - DETAIL A

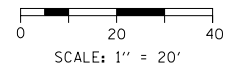
ITEM	UNIT	QUANTITY
DUCTILE IRON FITTING, TYPE 2 WYE 8" PIPE - 6" BRANCH	EACH	1
DUCTILE IRON FITTING 8" 90 DEGREE ELBOW	EACH	1
PIPE CLEANOUT, 8"	EACH	1
STORM SEWERS, TYPE 4, DUCTILE IRON PIPE 8"	FOOT	42
DRAINAGE STRUCTURE	EACH	1
SUBBASE GRANULAR MATERIAL, TYPE B 6"	SO YD	1
MISCELLANEOUS CONCRETE	CU YD	4.5

NOTE: ALL ITEMS INCLUDED IN THE COST OF DRAINAGE SYSTEM (SPECIAL)



NOTES:

- SEE SHEETS 160 AND 161 FOR ADAMS STREET DRAINAGE PLAN.



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D:\6094-Sht-Drain-9094-02.dgn
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PLOT SCALE = 40.0000' / in.
PLOT DATE = 3/6/2020

DESIGNED - MRC	REVISED -
DRAWN - NLD	REVISED -
CHECKED - JMG	REVISED -
DATE - 3-13-2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

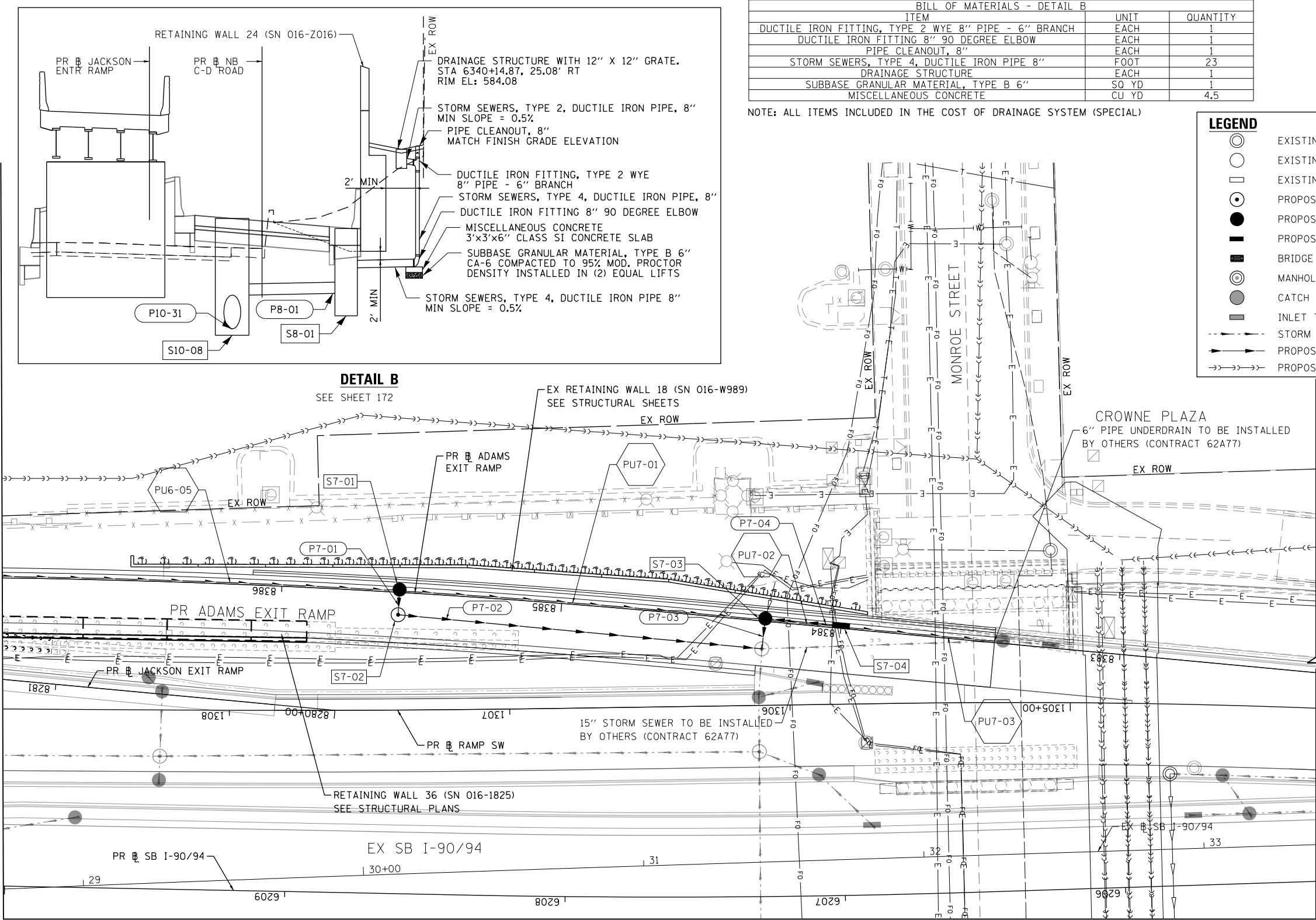
**PROPOSED DRAINAGE PLAN
I-9094**

SCALE: 1"=20' SHEET 2 OF 5 SHEETS STA. 8286+00 TO STA. 8387+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	170
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				

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SEE SHEET NO. 170
MATCH LINE STA 8387+00 (PR B ADAMS EXIT RAMP)



SEE SHEET NO. 173

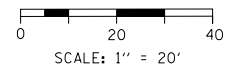
BILL OF MATERIALS - DETAIL B		
ITEM	UNIT	QUANTITY
DUCTILE IRON FITTING, TYPE 2 WYE 8" PIPE - 6" BRANCH	EACH	1
DUCTILE IRON FITTING 8" 90 DEGREE ELBOW	EACH	1
PIPE CLEANOUT, 8"	EACH	1
STORM SEWERS, TYPE 4, DUCTILE IRON PIPE 8"	FOOT	23
DRAINAGE STRUCTURE	EACH	1
SUBBASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	1
MISCELLANEOUS CONCRETE	CU YD	4.5

NOTE: ALL ITEMS INCLUDED IN THE COST OF DRAINAGE SYSTEM (SPECIAL)

LEGEND	
	EXISTING MANHOLE
	EXISTING CATCH BASIN
	EXISTING INLET
	PROPOSED MANHOLE
	PROPOSED CATCH BASIN
	PROPOSED INLET
	BRIDGE SCUPPER (SEE STRUCTURAL PLANS)
	MANHOLE TO BE INSTALLED BY OTHERS
	CATCH BASIN TO BE INSTALLED BY OTHERS
	INLET TO BE INSTALLED BY OTHERS
	STORM SEWER TO BE INSTALLED BY OTHERS
	PROPOSED STORM SEWER
	PROPOSED COMBINED SEWER

NOTES:

- SEE SHEETS 160 AND 161 FOR ADAMS STREET DRAINAGE PLAN.



D:\60X94-Sht-Drain-9094-03.dgn
USER NAME = vjjanachione
PLOT SCALE = 40.0000' / in.
PLOT DATE = 3/6/2020

DESIGNED - MRC	REVISED -
DRAWN - NLD	REVISED -
CHECKED - JMG	REVISED -
DATE - 3-13-2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED DRAINAGE PLAN
I-9094**

SCALE: 1"=20' SHEET 3 OF 5 SHEETS STA. 8382+25 TO STA. 8387+00

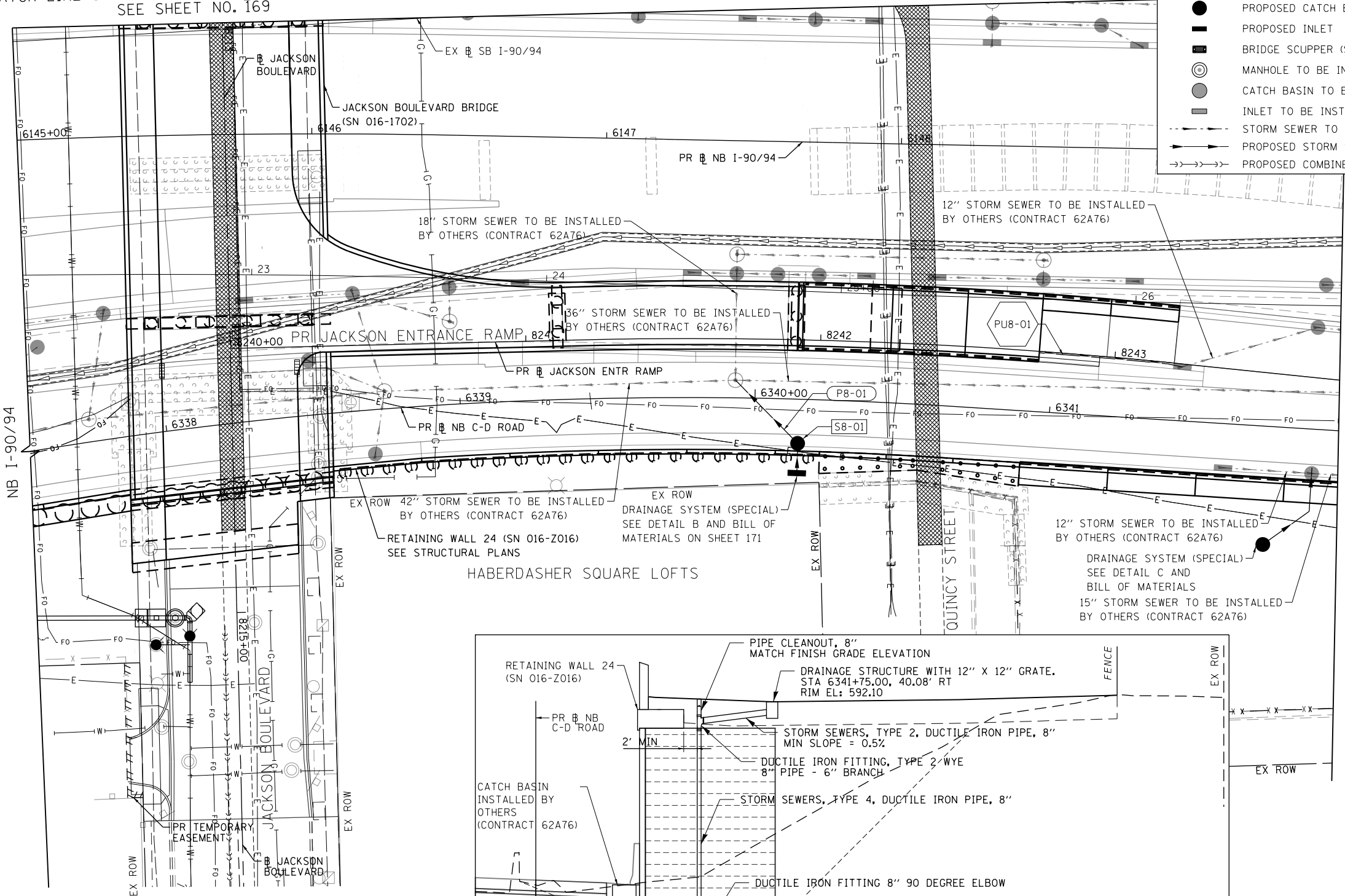
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	171
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				



LEGEND	
	EXISTING MANHOLE
	EXISTING CATCH BASIN
	EXISTING INLET
	PROPOSED MANHOLE
	PROPOSED CATCH BASIN
	PROPOSED INLET
	BRIDGE SCUPPER (SEE STRUCTURAL PLANS)
	MANHOLE TO BE INSTALLED BY OTHERS
	CATCH BASIN TO BE INSTALLED BY OTHERS
	INLET TO BE INSTALLED BY OTHERS
	STORM SEWER TO BE INSTALLED BY OTHERS
	PROPOSED STORM SEWER
	PROPOSED COMBINED SEWER

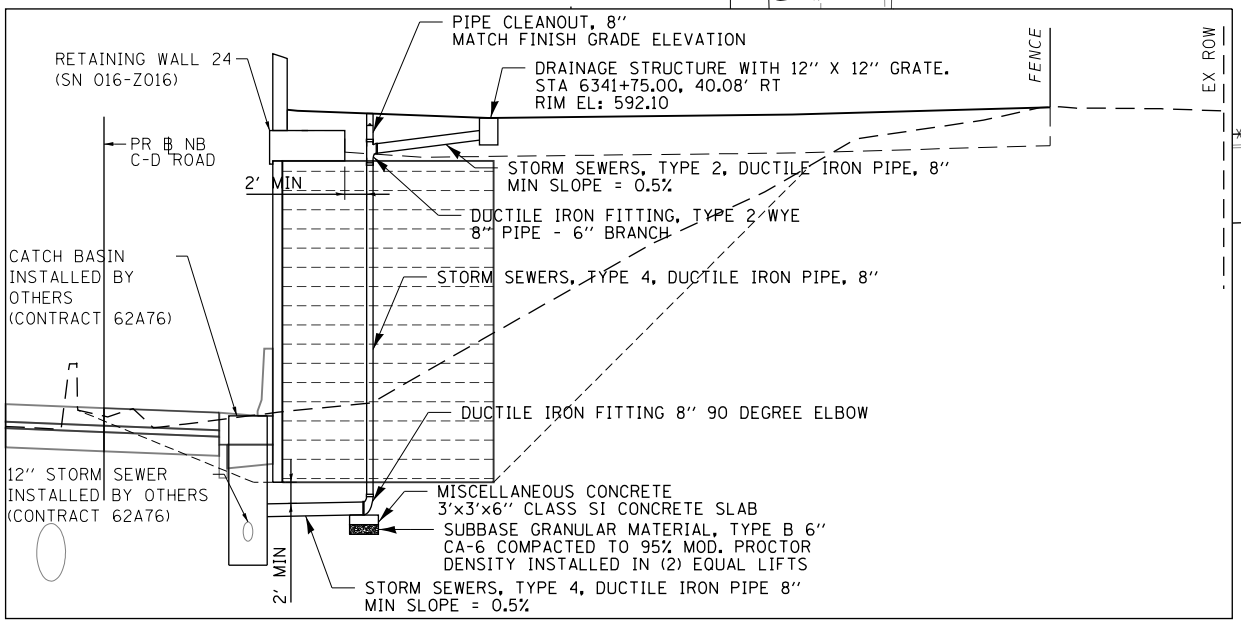
MATCH LINE STA 8213+00 (PR B JACKSON BOULEVARD)
SEE SHEET NO. 169

SEE SHEET NO. 170



MATCH LINE STA 6149+50 (PR B NB I-90/94)
SEE SHEET NO. 173

HABERDASHER SQUARE LOFTS



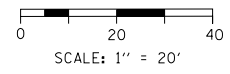
DETAIL C

BILL OF MATERIALS - DETAIL C		
ITEM	UNIT	QUANTITY
DUCTILE IRON FITTING, TYPE 2 WYE 8" PIPE - 6" BRANCH	EACH	1
DUCTILE IRON FITTING 8" 90 DEGREE ELBOW	EACH	1
PIPE CLEANOUT, 8"	EACH	1
STORM SEWERS, TYPE 4, DUCTILE IRON PIPE 8"	FOOT	44
DRAINAGE STRUCTURE	EACH	1
SUBBASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	1
MISCELLANEOUS CONCRETE	CU YD	4.5

NOTE: ALL ITEMS INCLUDED IN THE COST OF DRAINAGE SYSTEM (SPECIAL)

NOTES:

1. SEE SHEETS 162 AND 163 FOR JACKSON BOULEVARD DRAINAGE PLAN.



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D160X94-Sht-Drain-9094-04.dgn
USER NAME = vljanachione
PLOT SCALE = 40.0000' / in.
PLOT DATE = 3/6/2020

DESIGNED - MRC
DRAWN - NLD
CHECKED - JMG
DATE - 3-13-2020

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE PLAN
I-9094

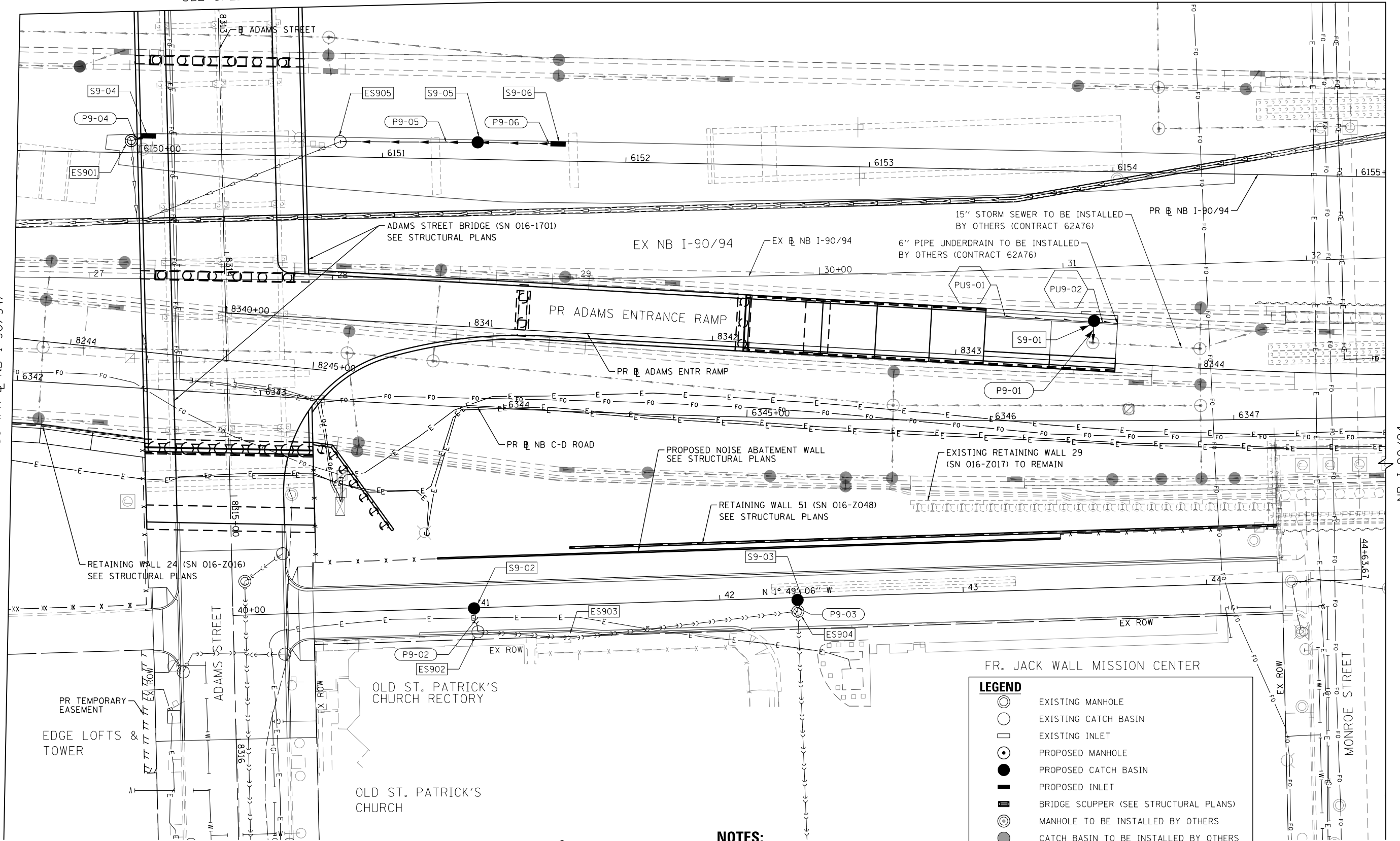
SCALE: 1"=20' SHEET 4 OF 5 SHEETS STA. 6145+00 TO STA. 6149+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	172
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				

MATCH LINE STA 8313+00 (PR B ADAMS STREET)
SEE SHEET NO. 170

SEE SHEET NO. 171

SEE SHEET NO. 172
MATCH LINE STA 6149+50 (PR B NB I-90/94)

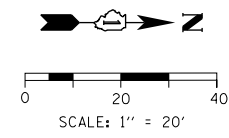


FR. JACK WALL MISSION CENTER

LEGEND

- EXISTING MANHOLE
- EXISTING CATCH BASIN
- EXISTING INLET
- PROPOSED MANHOLE
- PROPOSED CATCH BASIN
- PROPOSED INLET
- BRIDGE SCUPPER (SEE STRUCTURAL PLANS)
- ◎ MANHOLE TO BE INSTALLED BY OTHERS
- CATCH BASIN TO BE INSTALLED BY OTHERS
- INLET TO BE INSTALLED BY OTHERS
- - - - - STORM SEWER TO BE INSTALLED BY OTHERS
- - - - - PROPOSED STORM SEWER
- - - - - PROPOSED COMBINED SEWER

NOTES:
1. SEE SHEETS 160 AND 161 FOR ADAMS STREET DRAINAGE PLAN.



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D160X94-Sht-Drain-9094-05.dgn
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PLOT SCALE = 40.0000' / in.
PLOT DATE = 3/6/2020

DESIGNED - MRC
DRAWN - NLD
CHECKED - JMG
DATE - 3-13-2020

REVISED -
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REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

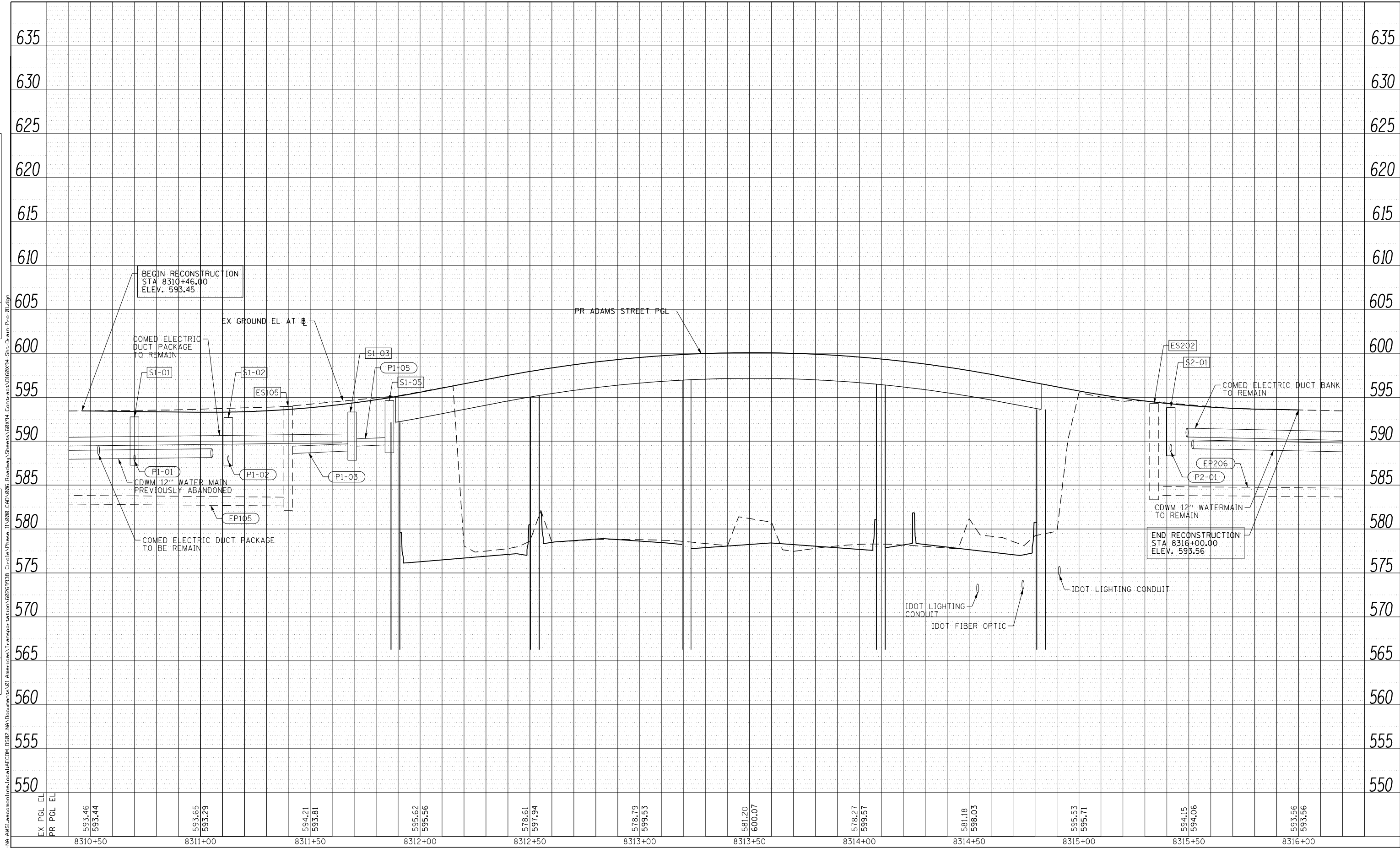
**PROPOSED DRAINAGE PLAN
I-9094**

SCALE: 1"=20' SHEET 5 OF 5 SHEETS STA. 6149+50 TO STA. 6155+12

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	173
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	ALIGNMENT	
	CADD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	BY
	STRUCTURE	
	NOT AT THIS OFFICE	
	NO.	



EX PGL EL	593.46	593.65	594.21	595.62	578.61	578.79	581.20	578.27	581.18	595.53	594.15	593.56
PR PGL EL	593.44	593.29	593.81	595.56	597.94	599.53	600.07	599.57	598.03	595.71	594.06	593.56
	8310+50	8311+00	8311+50	8312+00	8312+50	8313+00	8313+50	8314+00	8314+50	8315+00	8315+50	8316+00



D160X94-Sht-Drain-Pro-01.dgn	DESIGNED - MRC	REVISED -
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PLOT DATE = 3/6/2020	DATE - 3-13-2020	REVISED -

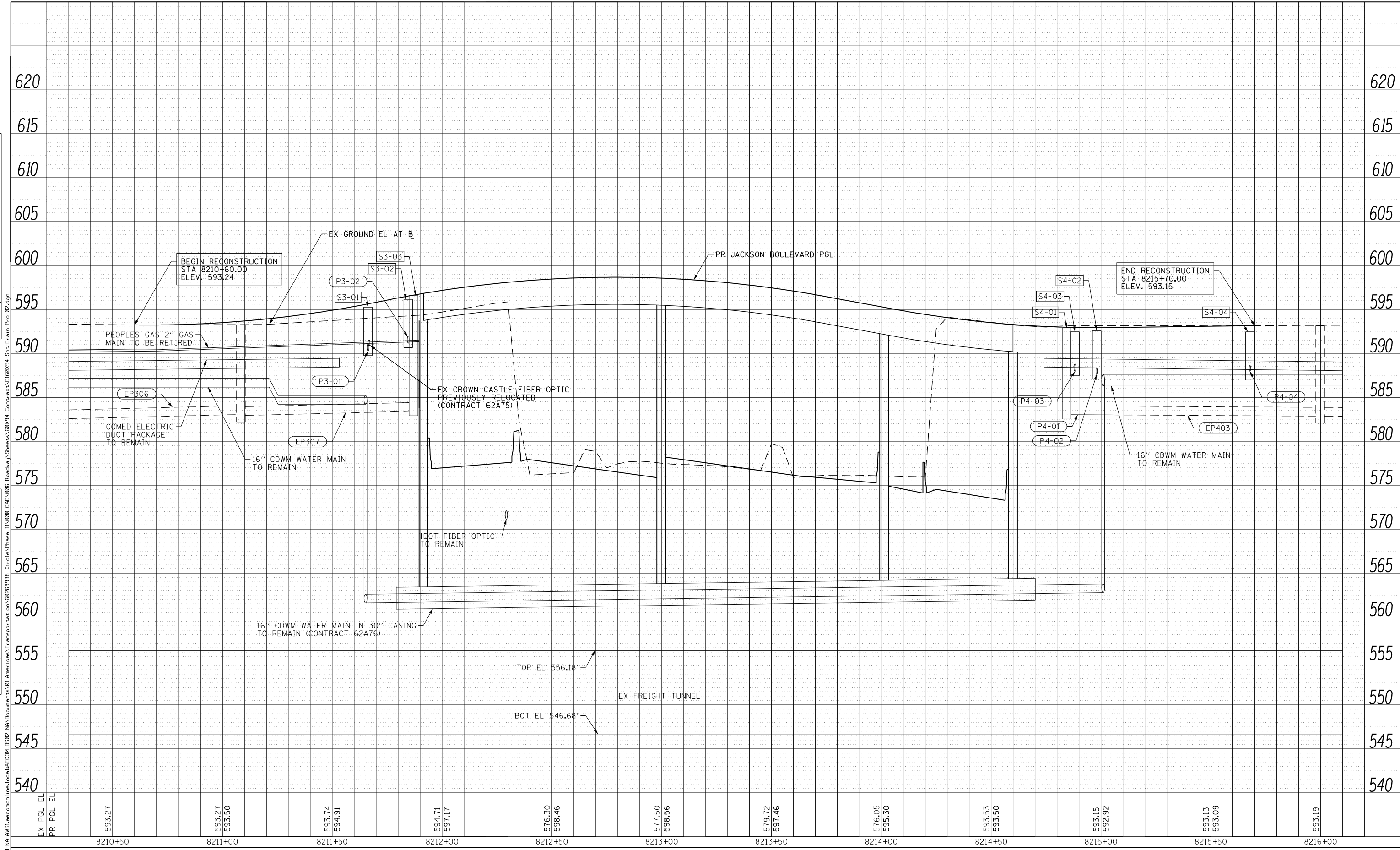
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE AND UTILITIES PROFILE ADAMS STREET	
SCALE: HORIZ: 1"=20' VERT: 1"=5'	SHEET 1 OF 6 SHEETS STA.8310+46 TO STA.8316+00

F.A.I. RTE. 90/94/290	SECTION 2014-15R&B-R	COUNTY COOK	TOTAL SHEETS 825	SHEET NO. 174
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X94	

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	ALIGNMENT	
	CADD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE	
	NOT AT THIS OFFICE	
	NO.	



D160X94-Sht-Drain-Pro-02.dgn	DESIGNED - MRC	REVISED -
USER NAME = vjjanachione	DRAWN - NLD	REVISED -
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PLOT DATE = 3/6/2020	DATE - 3-13-2020	REVISED -

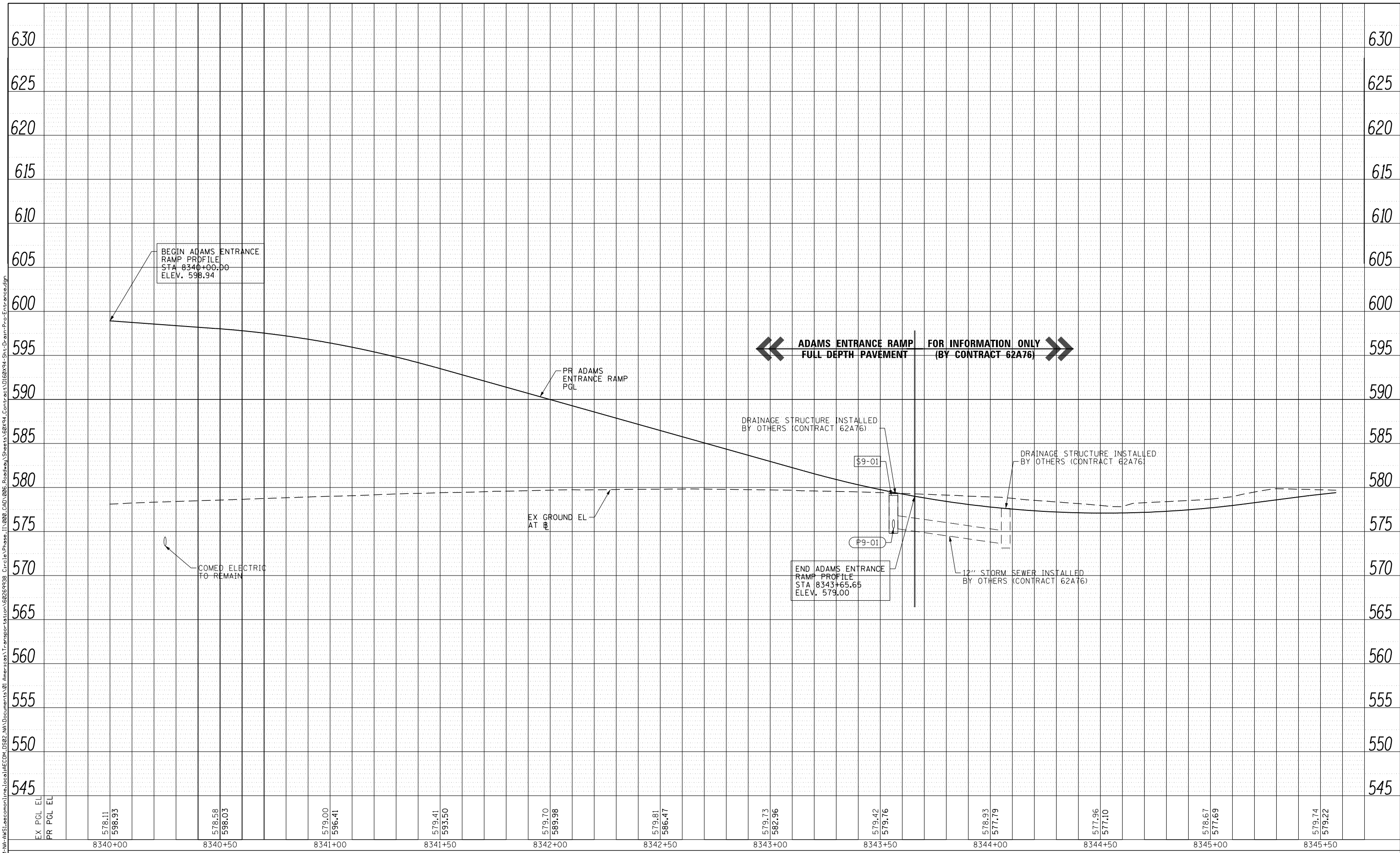
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE AND UTILITIES PROFILE			
JACKSON BOULEVARD			
SCALE: HORIZ: 1"=20'	SHEET 2	OF 6 SHEETS	STA.8210+60 TO STA.8215+70
VERT: 1"=5'			

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-15R&B-R	COOK	825	175
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
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	CADD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	GRADES	
	STRUCTURE	
	NOT AT THIS OFFICE	
	NO.	



D160X94-Sht-Drain-Pro-Entrance.dgn
 USER NAME = vjanachione
 PLOT SCALE = 40.0000' / in.
 PLOT DATE = 3/6/2020

DESIGNED - MRC
 DRAWN - NLD
 CHECKED - JMG
 DATE - 3-13-2020

REVISED -
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 REVISED -

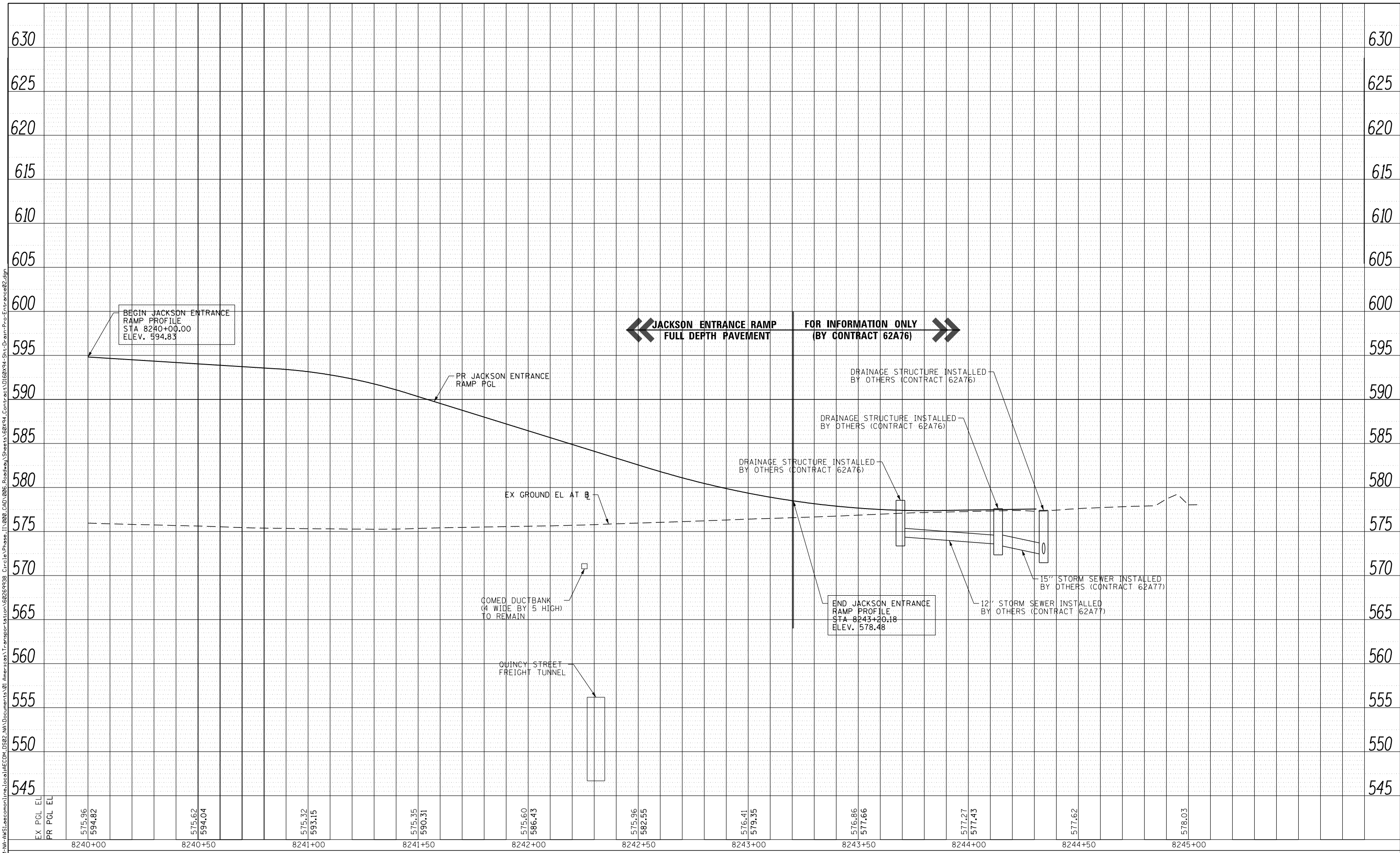
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITIES PROFILE
 ADAMS ENTRANCE RAMP
 SCALE: HORIZ: 1"=20'
 VERT: 1"=5'
 SHEET 3 OF 6 SHEETS STA.8340+00 TO STA.8345+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-15R&B-R	COOK	825	176
CONTRACT NO. 60X94			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	ALIGNED	
	CAD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	GRADES	
	STRUCTURE	
	NOT AT THIS OFFICE	
	NO.	



EX PGL EL	575.96	575.62	575.32	575.35	575.60	575.96	576.41	576.86	577.27	577.62	578.03
PR PGL EL	594.82	594.04	593.15	590.31	586.43	582.55	579.35	577.66	577.43		
	8240+00	8240+50	8241+00	8241+50	8242+00	8242+50	8243+00	8243+50	8244+00	8244+50	8245+00



D160X94-Sht-Drain-Pro-Entrance02.dgn	DESIGNED - MRC	REVISED -
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PLOT DATE = 3/6/2020	DATE - 3-13-2020	REVISED -

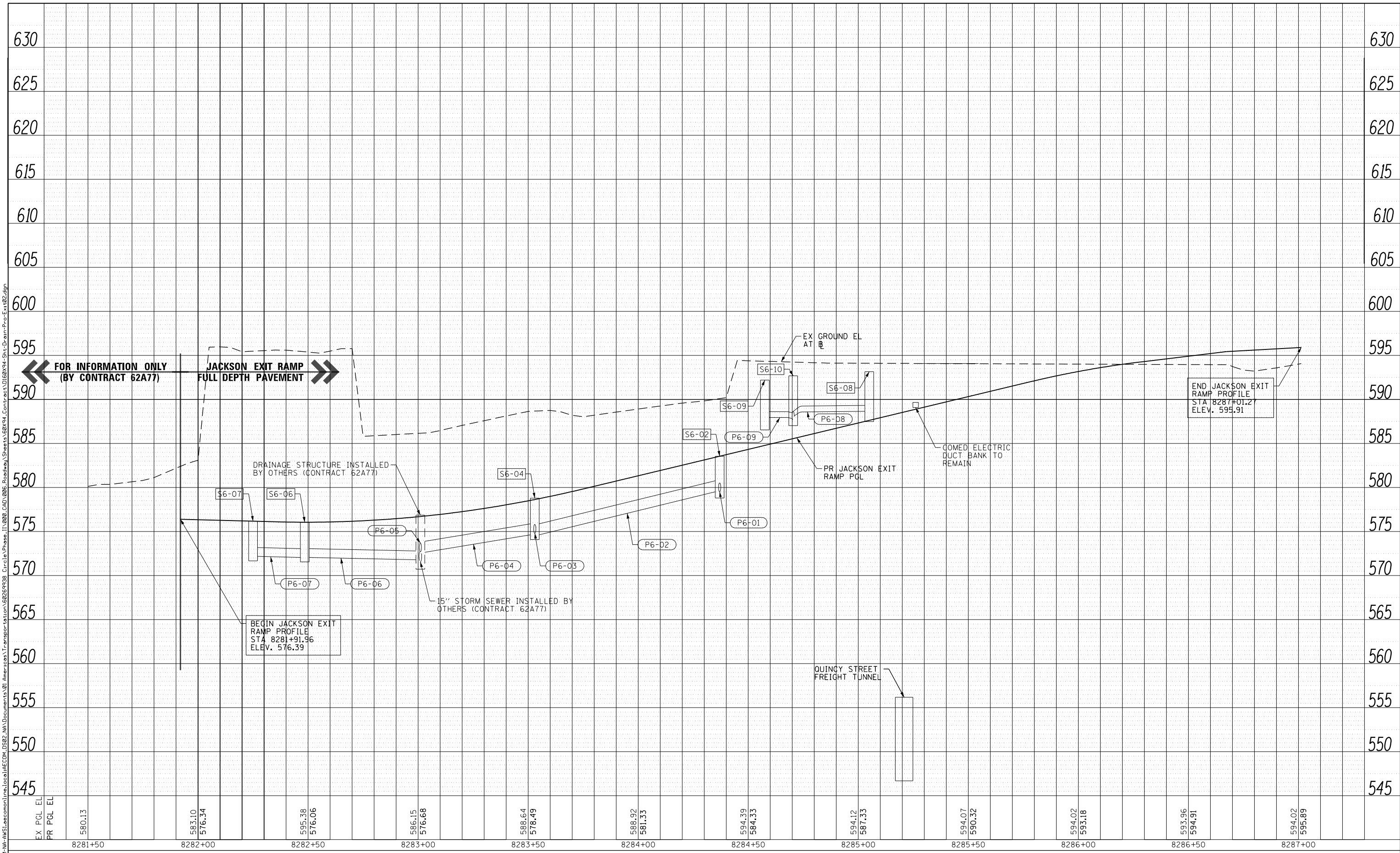
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE AND UTILITIES PROFILE JACKSON ENTRANCE RAMP			
SCALE: HORIZ: 1"=20' VERT: 1"=5'	SHEET 5	OF 6 SHEETS	TO STA.8240+00 TO STA.8243+20

F.A.I. RTE. 90/94/290	SECTION 2014-15R&B-R	COUNTY COOK	TOTAL SHEETS 825	SHEET NO. 178
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	ALIGNMENT	
	CADD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	GRADES	
	STRUCTURE	
	NOT AT THIS OFFICE	
	NO.	



EX PGL EL	580.13	583.10	583.34	595.38	576.06	586.15	576.68	588.64	578.49	588.92	581.33	594.39	584.33	594.12	587.33	594.07	590.32	594.02	593.18	593.96	594.91	594.02	595.89
PR PGL EL																							
	8281+50	8282+00	8282+50	8283+00	8283+50	8284+00	8284+50	8285+00	8285+50	8286+00	8286+50	8287+00											



D160X94-Sht-Drain-Pro-Exit02.dgn	DESIGNED - MRC	REVISED -
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PLOT SCALE = 40.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 3/6/2020	DATE - 3-13-2020	REVISED -

DESIGNED - MRC	REVISED -
DRAWN - NLD	REVISED -
CHECKED - JMG	REVISED -
DATE - 3-13-2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE AND UTILITIES PROFILE
JACKSON EXIT RAMP**

SCALE: HORIZ: 1"=20'
VERT: 1"=5'

SHEET 6 OF 6 SHEETS STA.8281+50 TO STA.8287+10

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-15R&B-R	COOK	825	179
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

SECTION 1.0 SCOPE OF WORK

A PORTION OF THE W. JACKSON BLVD. TUNNEL SHALL BE FILLED WITH A FLOWABLE FILL MATERIAL IN ACCORDANCE WITH THESE DRAWINGS. THE PORTION TO BE FILLED IS LOCATED WITHIN THE W. JACKSON BLVD. CHICAGO FREIGHT TUNNEL BETWEEN HALSTED ST. AND DES PLAINES ST.

ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE DRAWINGS.

SECTION 2.0 GENERAL SPECIFICATIONS AND INSTRUCTIONS

- 2.01 THE CONTRACTOR SHALL PROVIDE SUCH PLANS, SPECIFICATIONS, DRAWINGS, COMPLETED APPLICATION FORMS AND INFORMATION NECESSARY TO SECURE ALL PERMITS AS REQUIRED BY THE CHICAGO DEPARTMENT OF TRANSPORTATION (CDOT) FOR REGULATED WORK WITHIN THE FREIGHT TUNNEL SYSTEM. A CHICAGO FREIGHT TUNNEL TEMPORARY ACCESS AGREEMENT AND A CHICAGO FREIGHT TUNNEL INTERIOR CONSTRUCTION AND MAINTENANCE AGREEMENT SHALL BE EXECUTED ON BEHALF OF THE CONTRACTOR. A PERMIT FOR PENETRATION AND INTERIOR CONSTRUCTION IN THE CHICAGO FREIGHT TUNNEL SYSTEMS MUST BE ISSUED BY THE DIVISION OF ENGINEERING, CDOT. WORK SHALL NOT BE STARTED PRIOR TO ACQUISITION OF ALL REQUIRED PERMITS.
- 2.02 COPIES OF THE PLANS, INSTRUCTIONS AND SPECIFICATIONS SHALL BE FORWARDED TO THE CHICAGO DEPARTMENT OF TRANSPORTATION, 30 NORTH LASALLE STREET, SUITE 400, CHICAGO, ILLINOIS 60602 FOR EVALUATION AND COMMENTS. ALTERATIONS AND SUGGESTED CHANGES SHALL BE RESOLVED PRIOR TO THE START OF ANY WORK UNDER THIS PROJECT.
- 2.03 USE OF PUBLIC WAY AND/OR TEMPORARY PUBLIC WAY CLOSURE AND STREET OPENING PERMITS SHALL BE OBTAINED FROM THE CONSTRUCTION COMPLIANCE DIVISION OF INFRASTRUCTURE MANAGEMENT, DEPARTMENT OF TRANSPORTATION, PRIOR TO ANY WORK REQUIRING SUCH ACTION.

COSNTRUCTION ALONG ROADWAYS UNDER CDOT JURISDICTION SHALL BE COORDINATED WITH THE CHICAGO DEPARTMENT OF TRANSPORTATION TO INSURE THAT THE CONVENIENCE AND SAFETY OF THE GENERAL PUBLIC AND OF RESIDENTS ALONG THE ROADWAY ARE PROVIDED FOR IN AN ADEQUATE AND SATISFACTORY MANNER. AT NO TIME SHALL THE EXISTING ROADWAYS BE CLOSED TO TRAFFIC, UNLESS APPROVED BY THE ENGINEER AND THE CHICAGO DEPARTMENT OF TRANSPORTATION. DURING CONSTRUCTION OPERATIONS, ACCESS SHALL BE PROVIDED TO PRIVATE PROPERTY ALONG THE EXISTING ROADWAYS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ADEQUATE SIGNS, BARRICADES, AND WARNING DEVICES TO INFORM AND PROTECT THE PUBLIC.
- 2.04 PROJECT DATUM: ELEVATIONS SHOWN ON THESE DRAWINGS ARE REFERENCED TO CHICAGO CITY DATUM 0.00 = 579.19 MEAN SEA LEVEL, 1929.
- 2.05 ALL DIMENSIONS SHOWN ON THESE DRAWINGS ARE IN FEET AND INCHES.

SECTION 3.0 TUNNEL LOCATIONS

THE HORIZONTAL AND VERTICAL DIMENSIONS OF THE TUNNEL ARE AS ESTABLISHED IN THE CHICAGO FREIGHT TUNNEL ATLAS. DIMENSIONS ARE NOT TO BE ASSUMED OR SCALED FROM THE PLANS AND ACTUAL DIMENSIONS SHALL BE DETERMINED BY FIELD MEASUREMENTS TO BE PERFORMED BY THE CONTRACTOR.

SECTION 4.0 WORK

- 4.01 THE CONTRACTOR SHALL INVESTIGATE THE PROJECT, PLANS, SPECIFICATIONS, INSTRUCTIONS, SITE, UTILITIES, TRAFFIC CONDITIONS, MATERIAL, LABOR, EXCAVATION, RESTORATION AND REQUIRED SAFETY PRECAUTIONS INVOLVED WITH THIS PROJECT. ANY QUESTIONS OR CONCERNS THE CONTRACTOR MAY HAVE ARE TO BE DISCUSSED WITH THE ENGINEER AND CDOT PRIOR TO CONSTRUCTION.
- 4.02 THE CONTRACTOR SHALL PROVIDE ALL MATERIAL, EQUIPMENT, LABOR, INSTALLATION AND JOB SITE DELIVERY COSTS TO COMPLETE THE DESCRIBED AND ILLUSTRATED WORK SHOWN ON THESE PLANS.
- 4.03 ANY CHANGE-ORDER REQUEST MUST BE PRESENTED IN WRITING TO THE ENGINEER AND APPROVED PRIOR TO PROCEEDING WITH THE REQUESTED CHANGE. DOCUMENTATION CONCERNING ANY AND ALL CHANGE ORDERS SHALL BE REDUCED TO FORMAL RECORD, BE FILED WITH IDOT AND BE MADE AVAILABLE FOR FUTURE REFERENCE.
- 4.04 ACCUMULATION OF DEBRIS MATERIAL SHALL NOT BE ALLOWED WITHIN THE TUNNEL SITE. THIS DEBRIS MATERIAL SHALL BE REMOVED FROM THE WORK SITE AT LEAST ONCE PER WEEK. THIS PROVISION SHALL BE CONTINGENT UPON THE ORIGINAL INSPECTION OF THE WORK.
- 4.05 THE CONTRACTOR SHALL ARRANGE TO FILL ENCOUNTERED HOLES WITH SELECT BACKFILL MATERIAL, AS DIRECTED BY THE AGREEMENT FOR WORK IN THE TUNNEL. THE CONTRACTOR MAY BE REQUIRED TO REMOVE EXISTING ACCESS MATERIAL OR DEBRIS AS DIRECTED BY THE CHICAGO DEPARTMENT OF TRANSPORTATION. PAYMENT FOR THIS WORK SHALL BE ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

- 4.06 SAFE WORKING PRACTICES SHALL BE CONTINUOUSLY DEMONSTRATED BY THE CONTRACTOR. THE TUNNEL ENVIRONMENT IS TO BE CONSIDERED HOSTILE AND DUE CAUTION SHALL BE EXERCISED IN ALL MANNERS OF WORK PERFORMANCE AND INSPECTION. AS A MINIMUM, THE CONTRACTOR SHALL CONFORM TO THE SAFETY PROCEDURES AS STATED IN THE CHICAGO FREIGHT TUNNEL TEMPORARY ACCESS AGREEMENT.

THE SITE AND THE IMMEDIATELY ADJACENT AREA SHALL BE MADE SAFE FOR WORKMEN, PEDESTRIANS, INSPECTORS, CDOT REPRESENTATIVES, AND THOSE PERSONS GRANTED ACCESS AND MAINTENANCE RIGHTS IN THE TUNNEL.
- 4.07 THE ENGINEER SHALL NOT BE RESPONSIBLE NOR ASSUME LIABILITY FOR NEGLIGENT ACTS, ERRORS, OR OMISSIONS OF CONTRACTOR, ANY SUBCONTRACTOR, OR ANY OF THE CONTRACTOR'S OR SUBCONTRACTOR'S AGENTS OR EMPLOYEES, OR ANY OTHER PERSONS AT THE PROJECT SITE, OR OTHERWISE PERFORMING ANY OF THE WORK ON THE PROJECT. CONTRACTOR SHALL BE RESPONSIBLE FOR DEVELOPING AND MAINTAINING A COMPREHENSIVE SAFETY PROGRAM AT THE PROJECT SITE.
- 4.08 NEITHER THE PROFESSIONAL ACTIVITIES OF THE ENGINEER, NOR THE PRESENCE OF THE ENGINEER OR ITS EMPLOYEES OF SUBCONSULTANTS AT THE CONSTRUCTION SITE, SHALL RELIEVE ANY CONTRACTOR OF ITS OBLIGATIONS, DUTIES, OR RESPONSIBILITIES INCLUDING, BUT NOT LIMITED TO, CONSTRUCTION MEANS, METHODS, SEQUENCE, TECHNIQUES OR PROCEDURES NECESSARY FOR PERFORMING, SUPERINTENDING OR COORDINATING THE WORK OF CONSTRUCTION IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND ALL HEALTH OR SAFETY PRECAUTIONS REQUIRED BY THE CONTRACT, APPLICABLE LAW OR ANY REGULATORY AGENCY HAVING JURISDICTION OVER THE CONSTRUCTION, OR BE DEEMED TO CONFER ANY SUCH OBLIGATIONS, DUTIES OR RESPONSIBILITIES UPON THE ENGINEER. THE ENGINEER AND ITS PERSONNEL OR SUBCONTRACTORS HAVE NO AUTHORITY TO EXERCISE ANY CONTROL OVER ANY CONSTRUCTION CONTRACTOR OR OTHER ENTITY OR THEIR EMPLOYEES IN CONNECTION WITH ANY HEALTH OR SAFETY PRECAUTIONS.
- 4.09 THE CONTRACTOR SHALL RESTORE ALL DAMAGED STRUCTURES AND UTILITIES TO THE SATISFACTION OF THE OWNERS REPRESENTATIVE.
- 4.10 THE CONTRACTOR SHALL PROVIDE A MINIMUM 24 HOURS ADVANCED NOTICE PRIOR TO COMMENCEMENT OF ANY WORK WITHIN THE TUNNELS AND A MINIMUM 48 HOURS NOTICE PRIOR TO ANY PENETRATION OF THE EXISTING TUNNEL LINING. NOTICE SHALL BE GIVEN TO MR. J.J. MADIA, CDOT, AT (312) 744-3920.
- 4.11 ARRANGEMENTS OF PERIODIC INSPECTIONS DURING CONSTRUCTION SHALL BE MADE WITH CDOT, WHO SHALL DETERMINE THE FREQUENCY WITH WHICH SUCH CONSTRUCTION INSPECTIONS ARE TO BE MADE. THE CONTRACTOR SHALL ARRANGE FOR CDOT TO ACCOMPANY THE OWNER ON A FINAL INSPECTION IN COMPLIANCE WITH SECTION 9, PARAGRAPH D, OF THE TUNNEL AGREEMENT.
- 4.12 RESTORATION SHALL BE IN ACCORDANCE WITH THE RECOMMENDED PRACTICES AND REQUIREMENTS OF THE CHICAGO DEPARTMENT OF TRANSPORTATION AND THE PERMITS ISSUED.

SECTION 5.0 GENERAL NOTES FOR CONCRETE

- 5.01 FORMWORK SHALL BE DESIGNED IN ACCORDANCE WITH THE METHODOLOGY OF THE CURRENT ACI 347 "GUIDE TO FORMWORK FOR CONCRETE" FOR ANTICIPATED LOADS, LATERAL PRESSURES AND STRESSES INCLUDING THE PRESSURES RESULTING FROM PLACEMENT AND VIBRATION OF CONCRETE.
- 5.02 FORMS FOR EXPOSED SURFACES SHALL BE LINED WITH OR CONSTRUCTED OF PLYWOOD SHEATHING, TEMPERED CONCRETE FROM HARDBOARD, OTHER APPROVED CONCRETE FORM MATERIAL, OR STEEL, EXCEPT THAT STEEL LINING ON WOOD SHEATHING SHALL NOT BE USED.
- 5.03 FORMWORK FOR PARTS NOT SUPPORTING THE WEIGHT OF CONCRETE MAY BE REMOVED WHEN THE CONCRETE HAS ATTAINED SUFFICIENT STRENGTH TO RESIST DAMAGE FROM THE REMOVAL OPERATION BUT NOT BEFORE AT LEAST 24 HOURS HAS ELAPSED SINCE CONCRETE PACEMENT. SUPPORTING FORMS OR SHORES SHALL NOT BE REMOVED BEFORE THE CONCRETE STRENGTH HAS REACHED 70 PERCENT OF DESIGN STRENGTH, AS DETERMINED BY FIELD CURED CYLINDERS OR OTHER APPROVED METHODS.
- 5.04 ALL REINFORCEMENT FABRICATION, PLACEMENT AND DETAILING INCLUDING DEVELOPMENT LENGTHS, SPLICING AND CONCRETE COVER SHALL BE IN ACCORDANCE WITH THE CURRENT ACI 315 AND THE CURRENT ACI 318 "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE AND COMMENTARY" UNLESS OTHERWISE NOTED.
- 5.05 CONTRACTOR SHALL SUBMIT SHOP DRAWINGS WHICH INCLUDE REINFORCEMENT STEEL PLACEMENT DRAWINGS AND SCHEDULES TO THE ENGINEER FOR APPROVAL.
- 5.06 REINFORCEMENT BARS SHALL BE EPOXY COATED DEFORMED BILLET STEEL BARS CONFORMING TO ASTM A 615 AND ASTM A 775 OR ASTM A 934, GRADE 60 WITH Fy=60,000 PSI. ALL REINFORCEMENT ACCESSORIES SHALL BE EPOXY COATED.
- 5.07 HOOPS AND BENDS SHALL CONFORM TO ACI 315.
- 5.08 AT THE TIME OF CONCRETE PLACEMENT, ALL STEEL SHALL BE FREE FROM LOOSE, FLAKY RUST, SCALE (EXCEPT TIGHT MILL SCALE), MUD, OIL, GREASE OR ANY OTHER COATING THAT MIGHT REDUCE THE BOND WITH CONCRETE.
- 5.09 ALL STEEL SHALL BE RIGIDLY SECURED IN PLACE SO THAT IT WILL NOT BULGE FROM ITS PROPER LOCATION DURING FORMING, CONCRETE PLACEMENT AND CONSOLIDATION.

- 5.10 REINFORCEMENT LAPS SHALL BE STAGGERED.
- 5.11 STEEL BARS SHALL NOT BE WELDED.
- 5.12 REBAR COUPLERS MAY BE SUBSTITUTED FOR LAP SPLICES AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
- 5.13 ALL CONCRETE WORK SHALL CONFORM TO THE REQUIREMENTS OF THE CURRENT ACI 301 "SPECIFICATIONS FOR STRUCTURAL CONCRETE" AND THE CURRENT ACI 318 "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE." COLD WEATHER CONCRETEING SHALL BE PERFORMED IN ACCORDANCE WITH ACI 306.
- 5.14 CONTRACTOR QUALITY CONTROL PERSONNEL ASSIGNED TO CONCRETE CONSTRUCTION SHALL BE AMERICAN CONCRETE INSTITUTE (ACI) CERTIFIED WORKMEN IN ONE OF THE FOLLOWING GRADES OR SHALL HAVE WRITTEN EVIDENCE OF HAVING COMPLETED SIMILAR QUALIFICATION PROGRAMS: CONCRETE FIELD TESTING TECHNICIAN GRADE I; CONCRETE LABORATORY TESTING TECHNICIAN GRADE I OR II; CONCRETE CONSTRUCTION INSPECTOR LEVEL II; CONCRETE TRANSPORTATION CONSTRUCTION INSPECTOR; OR REINFORCED CONCRETE SPECIAL INSPECTOR JOINTLY CERTIFIED BY ACI, BUILDING OFFICIAL AND CODE ADMINISTRATORS INTERNATIONAL (BOCA), INTERNATIONAL CONFERENCE OF BUILDING OFFICIALS (ICBO), AND SOUTHERN BUILDING CODE CONGRESS INTERNATIONAL (SBCCI).
- 5.15 STRUCTURAL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH f'c OF 4000 PSI AT 28 DAYS WITH A MINIMUM SLUMP OF 1 INCH AND A MAXIMUM SLUMP OF 3 INCHES, UNLESS OTHERWISE NOTED ON DRAWINGS.
- 5.16 COMPRESSIVE STRENGTH SHALL BE DETERMINED IN ACCORDANCE WITH ASTM C 39.
- 5.17 SLUMP OF THE CONCRETE SHALL BE DETERMINED IN ACCORDANCE WITH ASTM C 143.
- 5.18 THE MAXIMUM WATER-CEMENTITIOUS MATERIALS RATIO (w/cm) BY WEIGHT FOR CONCRETE SHALL BE 0.45.
- 5.19 ALL CONCRETE SHALL BE AIR ENTRAINED TO CONTAIN BETWEEN 4 AND 7 PERCENT TOTAL AIR. AIR CONTENT SHALL BE DETERMINED IN ACCORDANCE WITH ASTM C 231.
- 5.20 WHEN A PLASTICIZING ADMIXTURE OR WHEN A TYPE F OR G HIGH RANGE WATER REDUCING ADMIXTURE CONFORMING TO ASTM C 494 IS USED TO INCREASE THE SLUMP OF CONCRETE, THE CONCRETE SHALL HAVE A SLUMP OF 2 TO 4 INCHES BEFORE THE ADMIXTURE IS ADDED AND A MAXIMUM SLUMP OF 8 INCHES AT THE POINT OF DELIVERY AFTER THE ADMIXTURE IS ADDED.
- 5.21 TOLERANCES SHALL BE AS DEFINED IN ACI 117/117R "STANDARD TOLERANCES FOR CONCRETE CONSTRUCTION AND MATERIALS."
- 5.22 CONCRETE SHALL BE COMPOSED OF PORTLAND CEMENT, POZZOLANIC MATERIAL, AGGREGATES, WATER AND ADMIXTURES AS SPECIFIED. CONCRETE MIXTURES SHALL BE PROPORTIONED IN ACCORDANCE WITH SECTION 4 OF THE CURRENT ACI 301. POZZOLAN SHALL BE USED IN ALL CONCRETE AT NO LESS THAN 15 PERCENT, BY WEIGHT, OF THE TOTAL CEMENTITIOUS MATERIAL.
- 5.23 ADMIXTURES WHICH HAVE BEEN IN STORAGE FOR LONGER THAN 6 MONTHS OR WHICH HAVE BEEN SUBJECTED TO FREEZING SHALL NOT BE USED UNLESS RETESTED AND PROVEN TO MEET THE SPECIFIED REQUIREMENTS.
- 5.24 CEMENT SHALL CONFORM TO ASTM C 150, TYPE II UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- 5.25 POZZOLAN SHALL CONFORM TO ASTM C 618 TYPES F OR N EXCEPT THAT CARBON CONTENT SHALL NOT BE MORE THAN 3 PERCENT BY WEIGHT AND LOSS ON IGNITION SHALL NOT BE MORE THAN 6 PERCENT BY WEIGHT.
- 5.26 SILICA FUME SHALL CONFORM TO ASTM C 1240.
- 5.27 FINE AND COARSE AGGREGATES SHALL CONFORM TO THE REQUIREMENTS ASTM C 33.
- 5.28 THE AIR-ENTRAINING ADMIXTURE SHALL CONFORM TO ASTM C 260 AND SHALL CONSISTENTLY CAUSE THE CONCRETE TO HAVE AN AIR CONTENT IN THE SPECIFIED RANGES UNDER FIELD CONDITIONS.
- 5.29 WATER REDUCING AND RETARDING ADMIXTURES SHALL CONFORM TO ASTM C 494, TYPE A OR D. THESE ADMIXTURES SHALL BE USED AT THE MID-RANGE OF THE MANUFACTURER'S RECOMMENDED DOSAGE UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- 5.30 HIGH-RANGE WATER REDUCING ADMIXTURE SHALL CONFORM TO ASTM C 494, TYPE F OR G AND MAY ONLY BE USED WHEN APPROVED IN WRITING BY THE ENGINEER, SUCH APPROVAL BEING CONTINGENT UPON PARTICULAR MIXTURE CONTROL OR UPON PERFORMANCE OF SEPARATE MIXTURE DESIGN STUDIES.
- 5.31 WATER FOR MIXING AND CURING SHALL BE FRESH, CLEAN, POTABLE AND FREE OF INJURIOUS AMOUNTS OF OIL, ACID, SALT, OR ALKALI, EXCEPT THAT NONPOTABLE WATER MAY BE USED IF IT MEETS THE REQUIREMENTS OF COE CRD-C 400.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FREIGHT TUNNEL BULKHEADING
GENERAL NOTES**

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	180
CONTRACT NO. 60X94			ILLINOIS FED. AID PROJECT	

GENERAL NOTES

SECTION 5.0 GENERAL NOTES FOR CONCRETE (CONTINUED)

- 5.32 EPOXY RESIN FOR USE IN REPAIRS SHALL CONFORM TO ASTM C 881, TYPE V, GRADE 2. CLASS AS APPROPRIATE TO THE EXISTING AMBIENT AND SURFACE TEMPERATURES.
- 5.33 SURFACES UPON WHICH CONCRETE IS TO BE PLACED SHALL BE CLEAN AND FREE FROM DEBRIS, FROST, ICE, AND STANDING OR RUNNING WATER.
- 5.34 ALL EMBEDDED STEEL, ANCHORS, DRAIN OUTLETS, EMBEDDED RUNGS, EMBEDDED METAL, ETC. SHALL BE FIRMLY AND SECURELY IN PLACE, CLEAN AND FREE OF OIL AND OTHER FOREIGN MATTER SUCH AS LOOSE COATINGS OR RUST, PAINT, AND SCALE BEFORE CONCRETE IS PLACED, EXCEPT AS NOTED.
- 5.35 CONCRETE SHALL BE FURNISHED FROM A READY-MIXED CONCRETE PLANT. READY-MIXED CONCRETE SHALL BE BATCHED, MIXED, AND TRANSPORTED IN ACCORDANCE WITH ASTM C 94, EXCEPT AS OTHERWISE SPECIFIED TRUCK MIXERS SHALL COMPLY WITH NRMCA TMMB 100. READY-MIX PLANT EQUIPMENT AND FACILITIES SHALL BE CERTIFIED IN ACCORDANCE WITH NRMCA OC 3. APPROVED BATCH TICKETS SHALL BE FURNISHED FOR EACH LOAD OF READY-MIXED CONCRETE. WATER SHALL NOT BE ADDED AT THE PLACING SITE UNLESS SPECIFICALLY APPROVED AND IN NO CASE SHALL IT EXCEED THE SPECIFIED W/CM.
- 5.36 MIXED CONCRETE SHALL BE DISCHARGED WITHIN 1-1/2 HOURS OR BEFORE THE MIXER DRUM HAS REVOLVED 300 REVOLUTIONS, WHICHEVER COMES FIRST AFTER THE INTRODUCTION OF THE MIXING WATER TO THE CEMENT AND AGGREGATES.
- 5.37 CONCRETE SHALL BE DEPOSITED AS CLOSE AS POSSIBLE TO ITS FINAL POSITION IN THE FORMS, AND THERE SHALL BE NO VERTICAL DROP GREATER THAN 5 FEET EXCEPT WHERE SUITABLE EQUIPMENT IS PROVIDED TO PREVENT SEGREGATION AND WHERE SPECIFICALLY AUTHORIZED
- 5.38 DEPOSITING OF CONCRETE SHALL BE SO REGULATED THAT IT WILL BE EFFECTIVELY CONSOLIDATED IN HORIZONTAL LAYERS NOT MORE THAN 18 INCHES THICK, EXCEPT THAT SLABS SHALL BE PLACED IN A SINGLE LAYER.
- 5.39 CONCRETE SHALL BE DEPOSITED CONTINUOUSLY IN ONE LAYER OR IN LAYERS SO THAT FRESH CONCRETE IS DEPOSITED ON IN-PLACE CONCRETE THAT IS STILL PLASTIC.
- 5.40 SPECIAL CARE SHALL BE USED TO ENSURE COMPLETE FILLING OF THE FORMS, ELIMINATION OF ALL VOIDS, AND COMPLETE CONSOLIDATION OF THE CONCRETE WHEN PLACING CONCRETE IN AREAS CONGESTED WITH REINFORCING BARS, EMBEDDED ITEMS, WATERSTOPS AND OTHER TIGHT SPACING.
- 5.41 IMMEDIATELY AFTER PLACING, EACH LAYER OF CONCRETE SHALL BE CONSOLIDATED BY INTERNAL VIBRATORS. THE VIBRATOR SHALL PENETRATE RAPIDLY TO THE BOTTOM OF THE LAYER AND AT LEAST 6 INCHES INTO THE PRECEDING LAYER IF THERE IS SUCH. VIBRATOR SHALL BE HELD STATIONARY UNTIL THE CONCRETE IS CONSOLIDATED AND THEN VERTICALLY WITHDRAWN SLOWLY WHILE OPERATING.
- 5.42 SPECIAL PROTECTION MEASURES SHALL BE USED IF FREEZING TEMPERATURES ARE ANTICIPATED DURING PLACING OR BEFORE THE EXPIRATION OF THE SPECIFIED CURING PERIOD. THE AMBIENT TEMPERATURE OF THE AIR WHERE CONCRETE IS TO BE PLACED AND THE TEMPERATURE OF SURFACE TO RECEIVE CONCRETE SHALL NOT BE LESS THAN 40 DEGREES F. THE TEMPERATURE OF THE CONCRETE WHEN PLACED SHALL NOT BE LESS THAN 50 DEGREES F NOR MORE THAN 75 DEGREES F. HEATING OF MIXING WATER OR AGGREGATE WILL BE REQUIRED TO REGULATE THE CONCRETE PLACING TEMPERATURE. MATERIALS ENTERING THE MIXER SHALL BE FREE FROM ICE, SNOW, OR FROZEN LUMPS. SALT, CHEMICALS OR OTHER MATERIALS SHALL NOT BE INCORPORATED IN THE CONCRETE TO PREVENT FREEZING.
- 5.43 ALL CONSTRUCTION JOINTS SHALL BE AS SHOWN ON THE DRAWINGS OR AS APPROVED BY THE ENGINEER. KEYS SHALL BE PROVIDED AT ALL CONSTRUCTION JOINTS WHERE NOTED. KEY DETAILS WILL BE AS SHOWN IN THE STANDARD DETAILS. FRESH CONCRETE SHALL NOT BE PLACED AGAINST ADJACENT HARDENED CONCRETE UNTIL IT IS AT LEAST 24 HOURS OLD.
- 5.44 CONCRETE SURFACES TO WHICH ADDITIONAL CONCRETE IS TO BE BONDED SHALL BE PREPARED FOR RECEIVING THE NEXT LIFT OR ADJACENT CONCRETE BY CLEANING WITH EITHER SANDBLASTING, HIGH-PRESSURE WATER JET, OR OTHER APPROVED METHOD. REGARDLESS OF THE METHOD USED, THE RESULTING SURFACES SHALL BE FREE FROM ALL LAITANCE AND INFERIOR CONCRETE SO THAT CLEAN, WELL BONDED COARSE AGGREGATE IS EXPOSED UNIFORMLY THROUGHOUT THE LIFT SURFACE, AND MAKES UP AT LEAST 10 PERCENT OF THE SURFACE AREA. THE EDGES OF THE COARSE AGGREGATE SHALL NOT BE UNDERCUT. THE SURFACE OF HORIZONTAL CONSTRUCTION JOINTS SHALL BE KEPT CONTINUOUSLY WET FOR THE FIRST 12 HOURS DURING THE 24-HOUR PERIOD PRIOR TO PLACING FRESH CONCRETE. THE SURFACE SHALL BE WASHED CLEAN AGAIN AS THE LAST OPERATION PRIOR TO PLACING THE NEXT LIFT. THERE SHALL BE NO STANDING WATER ON THE SURFACE UPON WHICH CONCRETE IS PLACED.
- 5.45 ALL EXPOSED EDGES SHALL BE PROVIDED WITH A 3/4 INCH CHAMFER, EXCEPT AS NOTED.
- 5.46 FORMED SURFACES SHALL BE LEFT WITH THE TEXTURE IMPARTED BY THE FORMS EXCEPT THAT DEFECTIVE SURFACES SHALL BE REPAIRED WITHIN 24 HOURS AFTER FORMS ARE REMOVED. REPAIRS SHALL BE DEMONSTRATED TO BE ACCEPTABLE AND FREE FROM CRACKS OR LOOSE OR DRUMMY AREAS AT THE COMPLETION OF THE CONTRACT. REPAIRS NOT MEETING THESE REQUIREMENTS WILL BE REJECTED AND SHALL BE REPLACED.

- 5.47 FORM TIE HOLES SHALL BE REAMED AND OTHER SIMILAR DEFECTS SHALL BE CUT OUT TO SOUND CONCRETE. THE VOID SHALL THEN BE THOROUGHLY CLEANED, THOROUGHLY WETTED, BRUSH-COATED WITH A THIN COAT OF NEAT CEMENT GROUT AND FILLED WITH MORTAR. ALL HOLES SHALL BE PACKED FULL AND SHALL BE MOIST CURED FOR AT LEAST 48 HOURS.
- 5.48 CONCRETE WITH EXCESSIVE HONEYCOMB, OR OTHER DEFECTS WHICH AFFECT THE STRENGTH OF THE MEMBER, WILL BE REJECTED.
- 5.49 ALL CONCRETE SHALL BE CURED BY AN APPROVED METHOD FOR AT LEAST 7 DAYS.
- 5.50 WHEN THE DAILY AMBIENT LOW TEMPERATURE IS LESS THAN 32 DEGREES F THE TEMPERATURE OF THE CONCRETE SHALL BE MAINTAINED ABOVE 40 DEGREES F FOR THE FIRST SEVEN DAYS AFTER PLACING. DURING THE PERIOD OF PROTECTION REMOVAL, THE AIR TEMPERATURE ADJACENT TO THE CONCRETE SURFACES SHALL BE CONTROLLED SO THAT CONCRETE NEAR THE SURFACE WILL NOT BE SUBJECTED TO A TEMPERATURE DIFFERENTIAL OF MORE THAN 25 DEGREES F AS DETERMINED BY SUITABLE TEMPERATURE MEASURING DEVICES FURNISHED BY THE CONTRACTOR, AS REQUIRED, AND INSTALLED ADJACENT TO THE CONCRETE SURFACE AND 2 INCHES INSIDE THE SURFACE OF THE CONCRETE. THE INSTALLATION OF THE THERMOMETERS SHALL BE MADE BY THE CONTRACTOR AS DIRECTED.

SECTION 6.0 GENERAL DESIGN NOTES

- 6.01 DESIGN SPECIFICATIONS
 - ACI BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE 318-19 AND COMMENTARY 318R-19
 - CHICAGO BUILDING CODE
 - AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES SEVENTEENTH EDITION
 - ANSI/AF & PA NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION (NDS-2018)
- 6.02 DESIGN STRESSES
 - EXISTING FREIGHT TUNNEL CONCRETE: f'c=2,000psi (ASSUMED)
 - CONCRETE: f'c=4000psi
 - FLOWABLE FILL: SEE SPECIAL PROVISIONS

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PLOT DATE = 3/6/2020	DATE - 3-13-2020	REVISED -

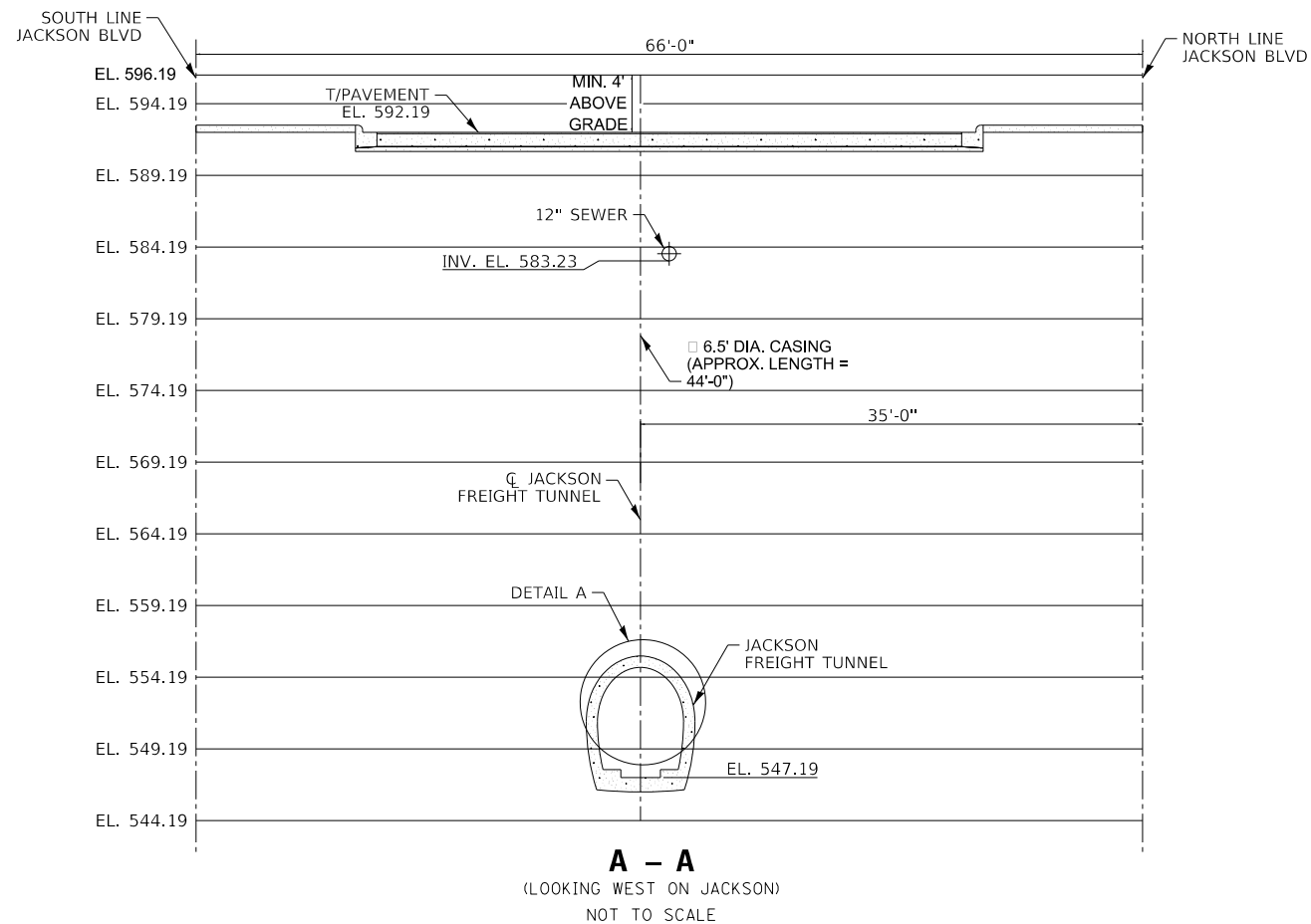
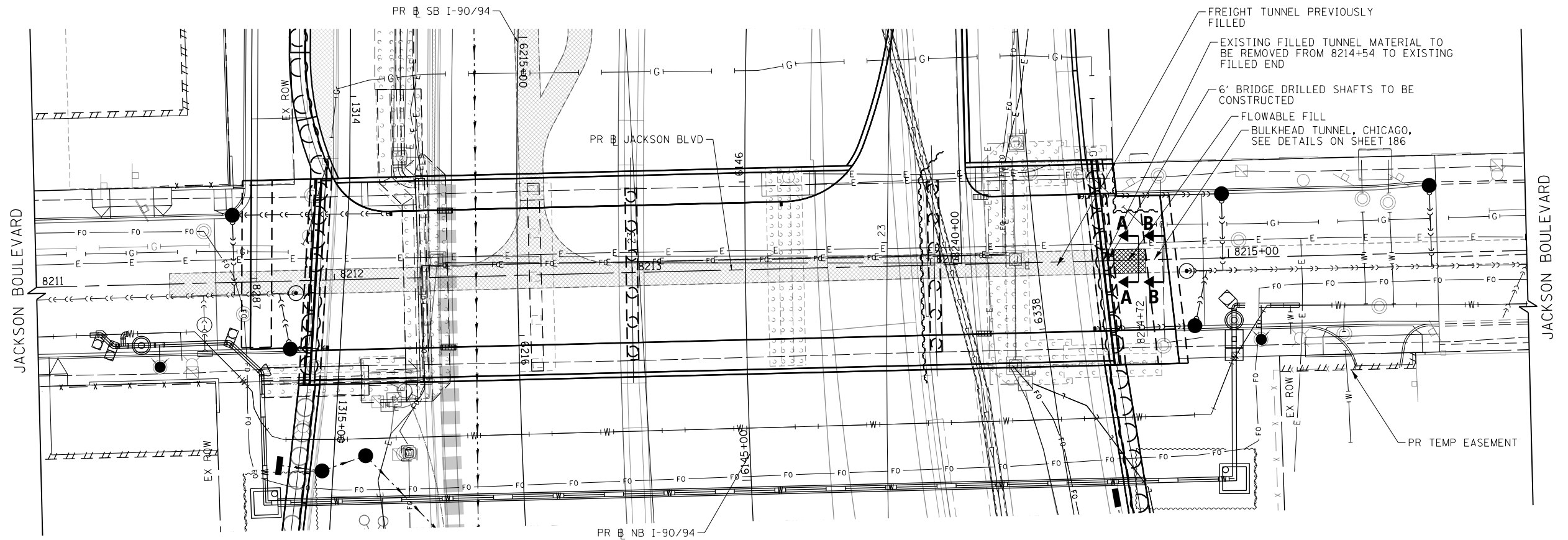
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FREIGHT TUNNEL BULKHEADING
GENERAL NOTES**

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

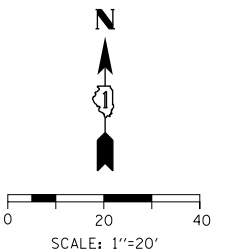
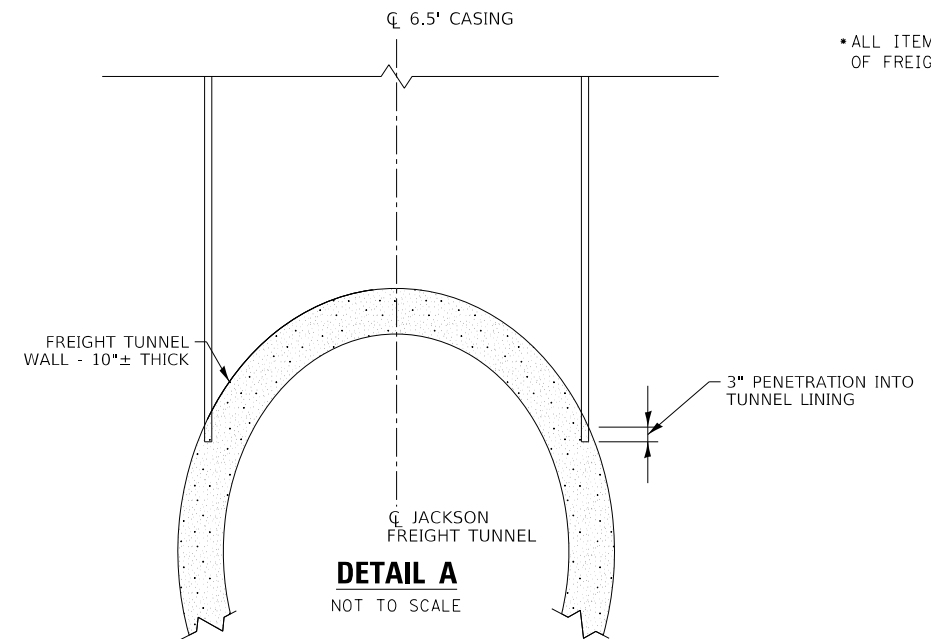
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	181
CONTRACT NO. 60X94			ILLINOIS FED. AID PROJECT	

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FREIGHT TUNNEL FILLING TOTAL BILL OF MATERIAL	
PAY ITEM	QUANTITY
• LOCATE TUNNEL, CHICAGO	1 EACH
• BULKHEAD TUNNEL, CHICAGO	1 EACH
• FLOWABLE FILL	30 CU YD
• DEBRIS REMOVAL	17 CU YD
• PERMANENT CASING	44 FT

• ALL ITEMS INCLUDED IN THE COST OF FREIGHT TUNNEL FILLING.



D160X94-SHT-TUNNEL-01.dgn
 USER NAME = v1janachione
 PLOT SCALE = 40.0000' / in.
 PLOT DATE = 4/30/2020

DESIGNED - JLV
 DRAWN - AMK
 CHECKED - JMG
 DATE - 5-1-2020

REVISED -
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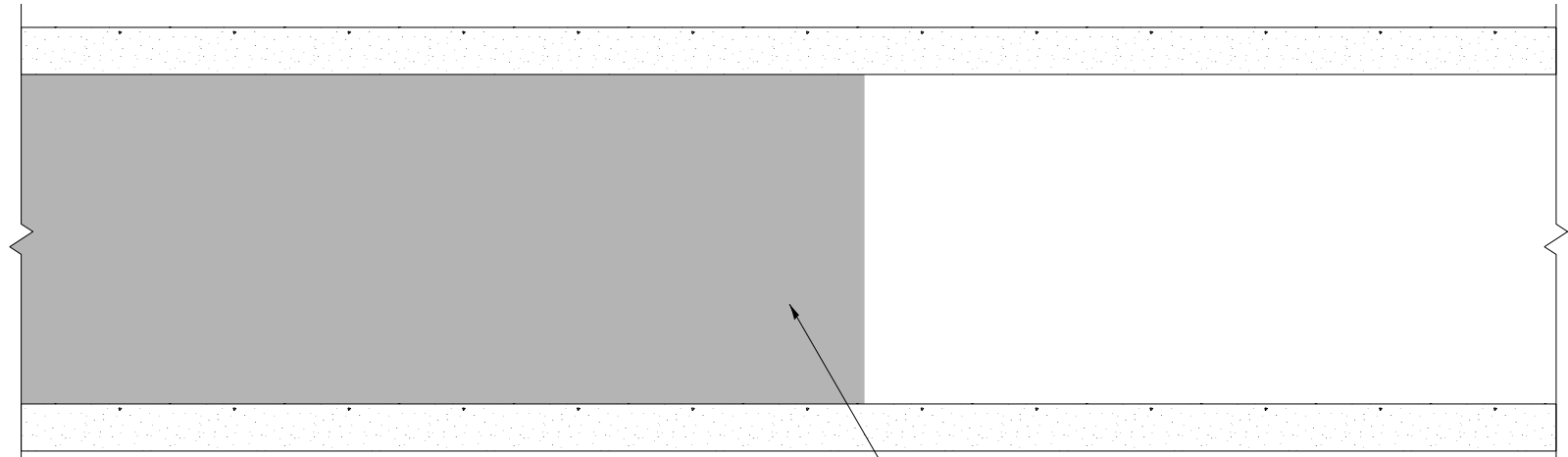
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

FREIGHT TUNNEL BULKHEADING PLAN

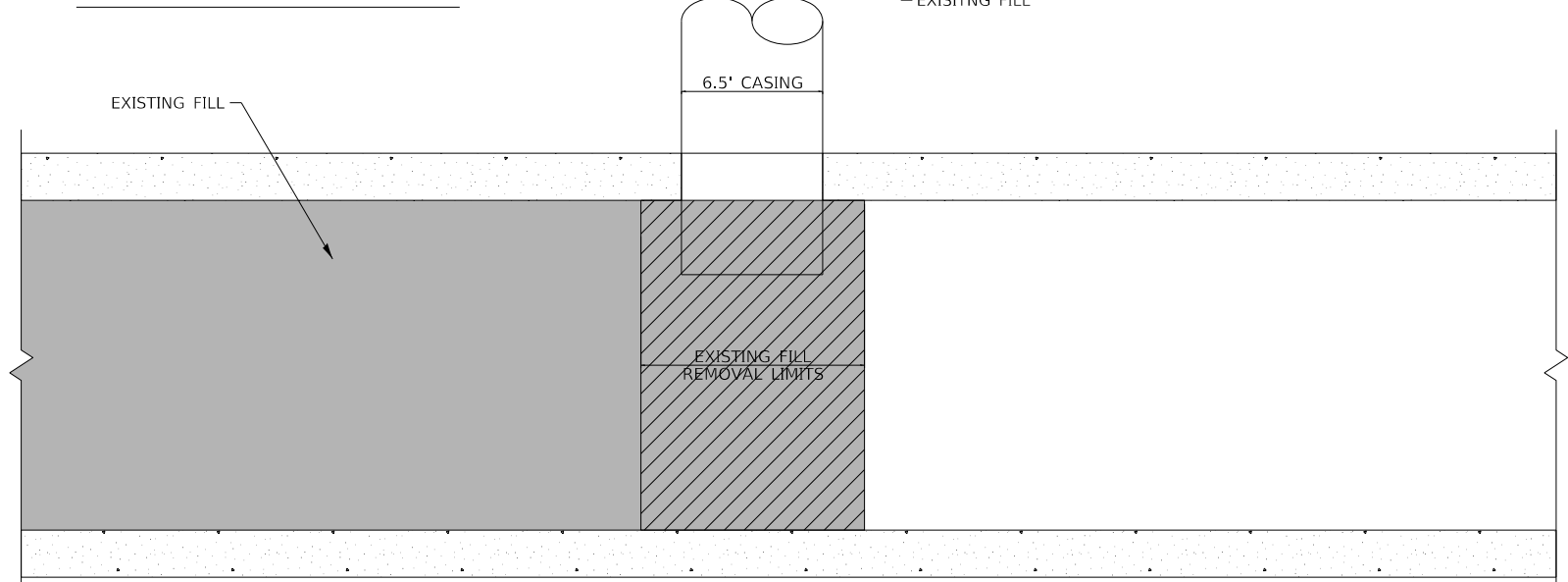
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F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				

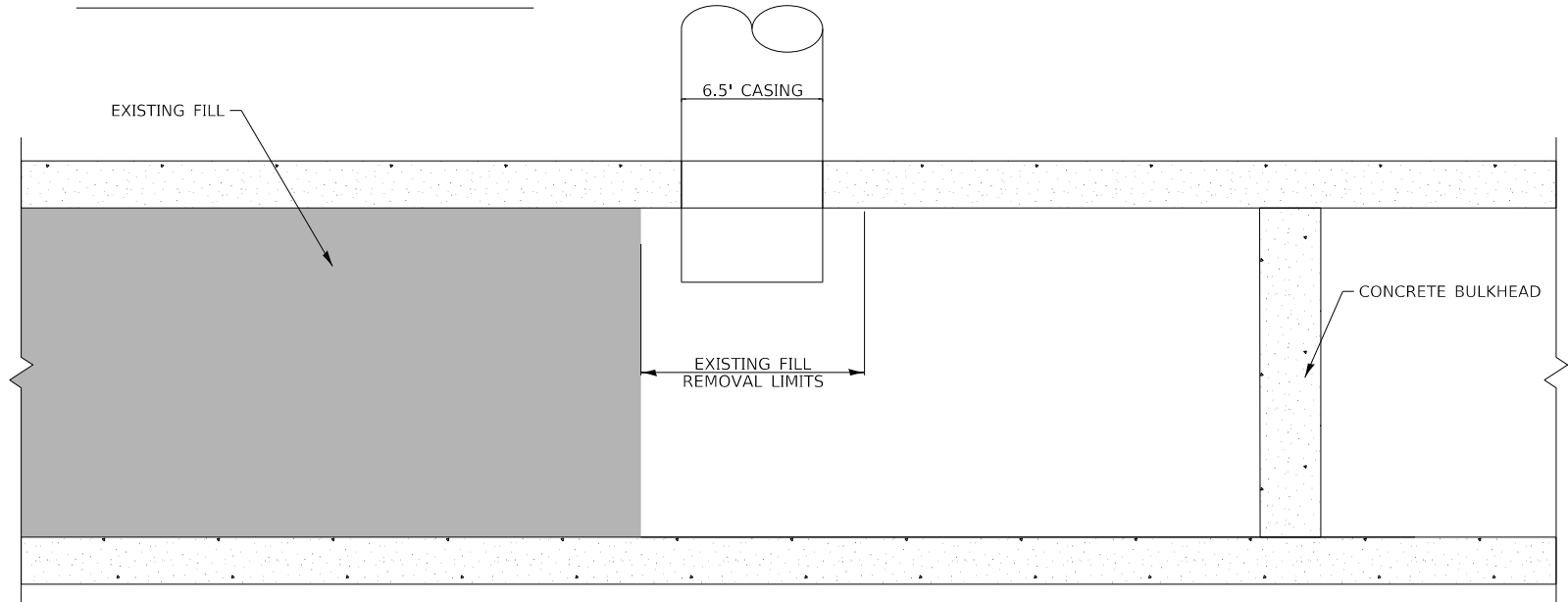
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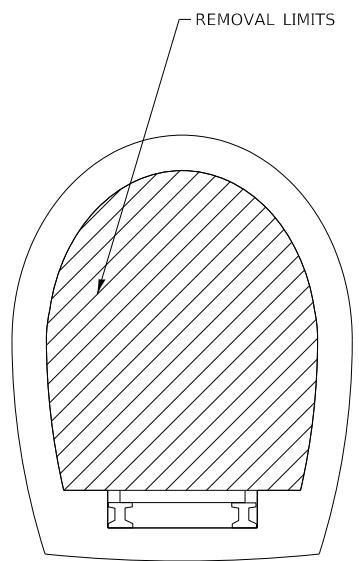
STAGE 0 – PRIOR TO WORK



STAGE 1 – CASING INSTALLATION



STAGE 2 – FILL REMOVAL AND CONCRETE BULKHEAD



STAGE 0 NOTES

1. THE BULKHEADING AND FILLING OF THE EXISTING ABANDONED FREIGHT TUNNEL SHALL BE COMPLETED PRIOR TO THE DRILLING OF ALL BRIDGE DRILLED SHAFTS AT THE JACKSON BOULEVARD BRIDGE EAST ABUTMENT.
2. CONTRACTOR TO LOCATE THE FREIGHT TUNNEL PER THE LOCATE TUNNEL, CHICAGO SPECIAL PROVISION AND SHEET 185 . AT THE LOCATION OF THE PROPOSED JACKSON BOULEVARD EAST ABUTMENT DRILLED SHAFT ANTICIPATED TO GO THROUGH THE FREIGHT TUNNEL (SEE STRUCTURAL PLANS).

STAGE 1 NOTES

1. ONCE TUNNEL HAS BEEN LOCATED, A 6.5' STEEL CASING SHALL BE DRILLED. THE CASING PIPE SHALL ADVANCE TO PARTIALLY PENETRATE AND KEY THE CASING PIPE INTO THE FREIGHT TUNNEL LINING BY NO MORE THAN 3 INCHES. THE STEEL CASING SHALL EXTEND 4' ABOVE GRADE AND SHALL BE CUT OFF ONCE WORK IS COMPLETE. SEE DETAIL A ON SHEET 182.
2. IF THERE IS LEAKING AROUND THE CASING, DRILL HOLES IN CASING AND FILL WITH GROUT.

STAGE 2 NOTES

1. REMOVE EXISTING FILLED TUNNEL MATERIAL WITHIN LIMITS SHOWN ON PLAN.
2. THE EXISTING TUNNEL SHALL BE CLEANED TO BE FREE OF DEBRIS TO PROVIDE A CLEAN CONTACT ZONE BETWEEN THE EXISTING TUNNEL LINER AND THE FILL MATERIAL. ALL EXISTING PIPES, DEBRIS AND OTHER MATERIALS SHALL BE CLEARED FROM THE CONCRETE LEDGES ON BOTH SIDES OF THE TUNNEL FLOOR TO PROVIDE A CLEAR CONTACT AREA OF THE BASE.
3. CONSTRUCT CONCRETE BULKHEAD AS DETAILED ON SHEET 186 .
4. LUMBER FOR THE CONCRETE BULKHEAD SHALL BE STRUCTURAL GRADE SOUTHERN PINE, NO. 1, OR EQUAL. UPON APPROVAL OF THE ENGINEER, THE CONTRACTOR MAY ALTER THE ORIENTATION OF THE BULKHEAD FRAMEWORK.
5. ALL MATERIAL REMOVAL SHALL BE THROUGH THE CASING INSTALLED IN STAGE 1 EXCEPT AS NOTED. FORMWORK FOR EAST SIDE OF BULKHEAD SHALL BE REMOVED THROUGH THE CITY OF CHICAGO CITY HALL (121 N. LA SALLE STREET CHICAGO, IL) ACCESS.



DI60X94-SHT-TUNNEL-02A.dgn	DESIGNED - HMA	REVISED -
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PLOT DATE = 4/30/2020	DATE - 5-1-2020	REVISED -

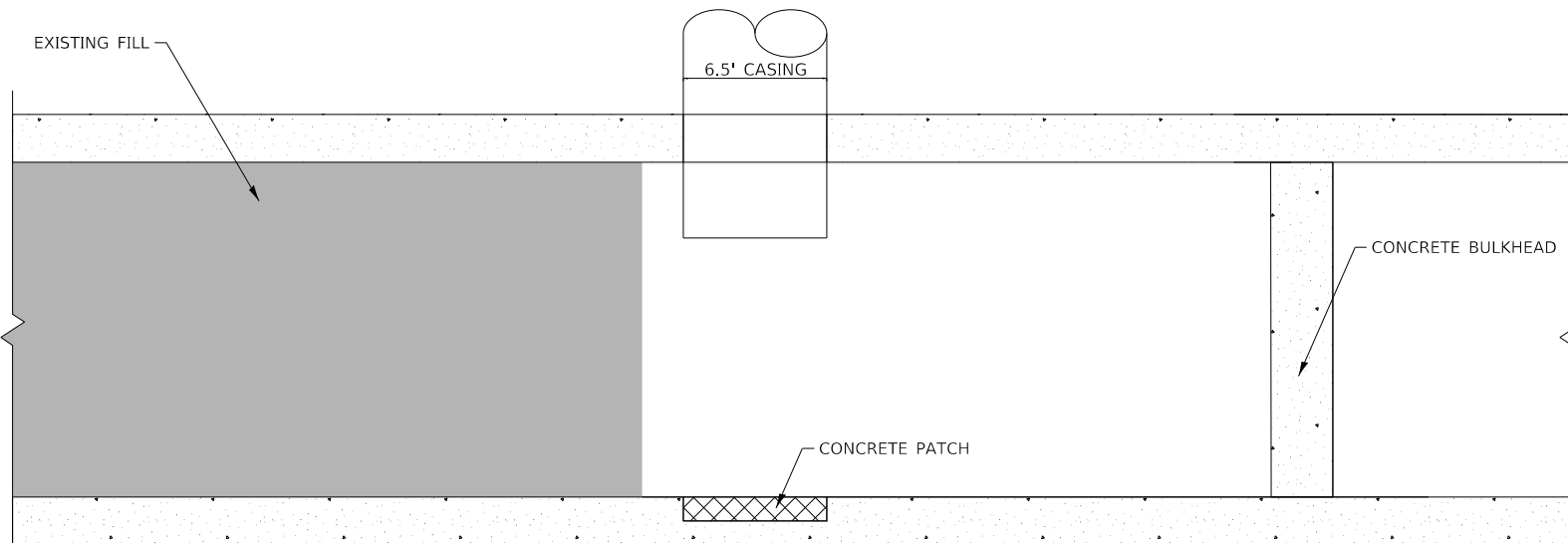
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FREIGHT TUNNEL BULKHEADING
CONSTRUCTION PROCEDURES**

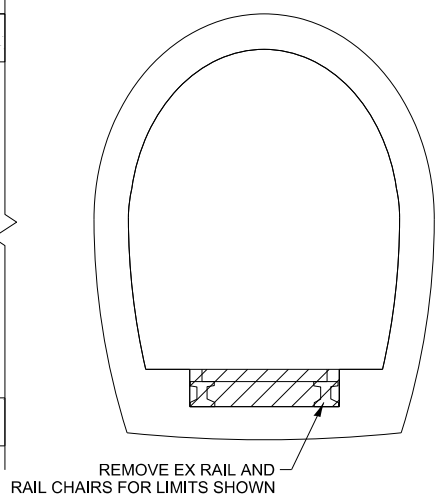
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X94	

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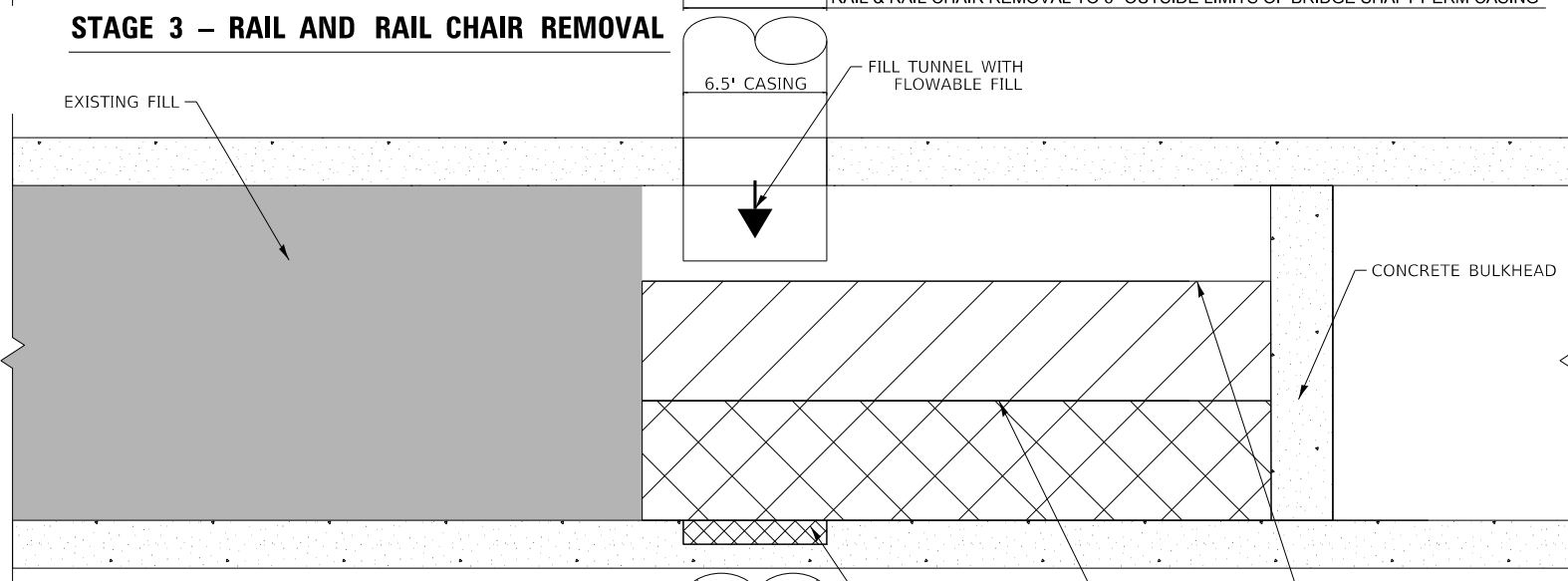


STAGE 3 – RAIL AND RAIL CHAIR REMOVAL



STAGE 3 NOTES

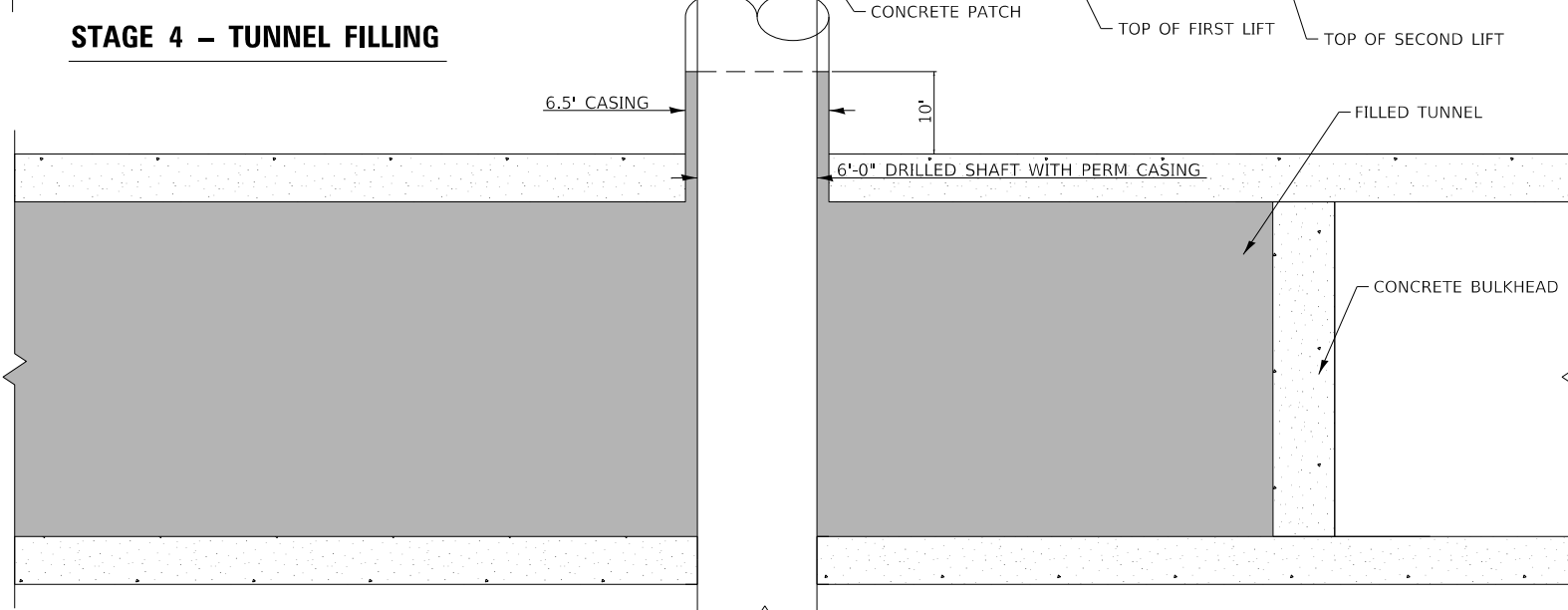
1. REMOVAL OF EXISTING FLOOR INCLUDING RAILS AND RAIL CHAIRS CANNOT TAKE PLACE UNTIL THE CONCRETE STRENGTH OF THE BULKHEAD ACHIEVES 2,000 PSI IN 2-3 DAYS AFTER PLACEMENT. CONCRETE CYLINDERS SHALL BE CAST AND BROKEN TO VERIFY THE BULKHEAD COMPRESSIVE STRENGTH. SUBMIT TEST RESULTS TO THE ENGINEER FOR REVIEW AND APPROVAL.
2. REMOVE ANY EXISTING RAILS TO 6" ON EITHER SIDE OF THE PROPOSED BRIDGE SHAFT PERMANENT CASING. SEE SPECIAL PROVISION.
3. PLACE A CLASS SI CONCRETE PATCH WHERE THE RAILS AND RAIL CHAIRS WERE REMOVED. SEE SPECIAL PROVISION.



STAGE 4 – TUNNEL FILLING

STAGE 4 NOTES

1. FILL THE TUNNEL WITH FLOWABLE FILL IN 3 EQUAL LIFTS OF 2.5 FEET. CONTRACTOR MUST WAIT A MINIMUM OF 24 HOURS BETWEEN PLACEMENTS OF FILL LIFTS. RAISE 6.5' CASING PRIOR TO POUR OF FINAL LIFT. THE FINAL LIFT SHOULD FILL THE TUNNEL TO A MINIMUM OF TEN (10) FEET ABOVE THE TOP OF THE FREIGHT TUNNEL.



STAGE 5 – DRILLED SHAFT CONSTRUCTION

STAGE 5 NOTES

1. AFTER 48 HOURS OF THE LAST FILL LIFT, THE OPERATION TO INSTALL THE PROPOSED ABUTMENT DRILLED SHAFT MAY BEGIN.
2. GROUT ANNULAR SPACE BETWEEN BRIDGE DRILLED SHAFT AND TUNNEL FILLING SHAFT. CUT OFF TOP OF OUTER CASING TO TOP OF BRIDGE DRILLED SHAFT. PROCEED WITH ADJACENT BRIDGE DRILLED SHAFT WORK.



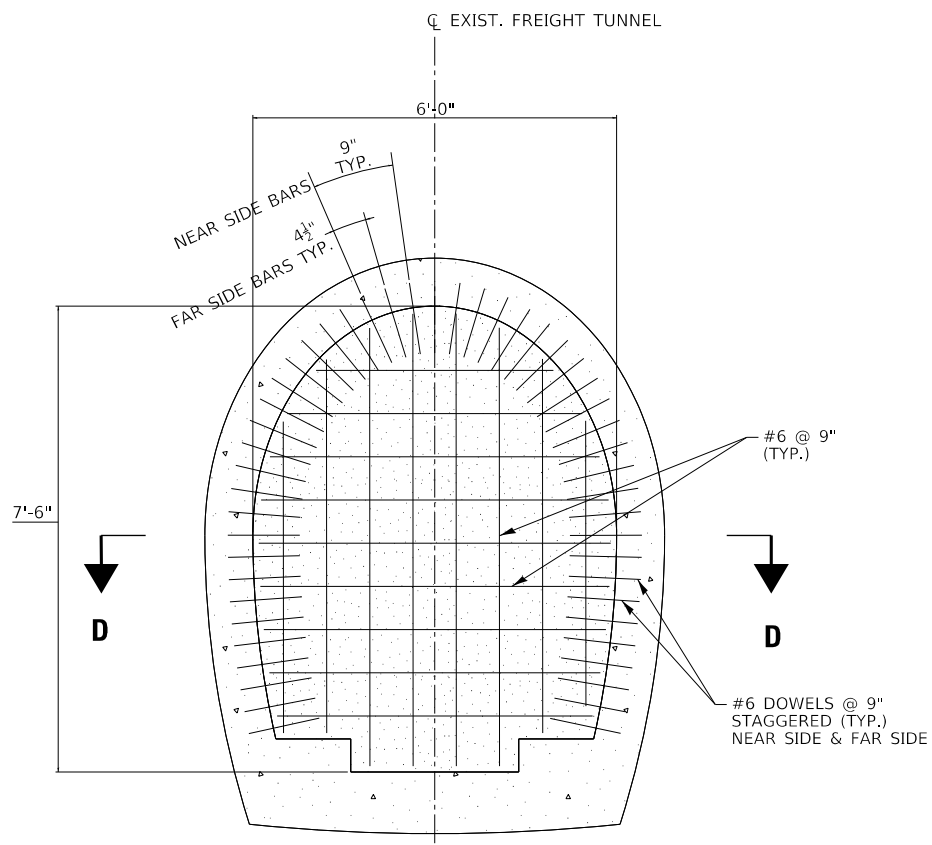
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PLOT DATE = 4/30/2020	DATE - 5-1-2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

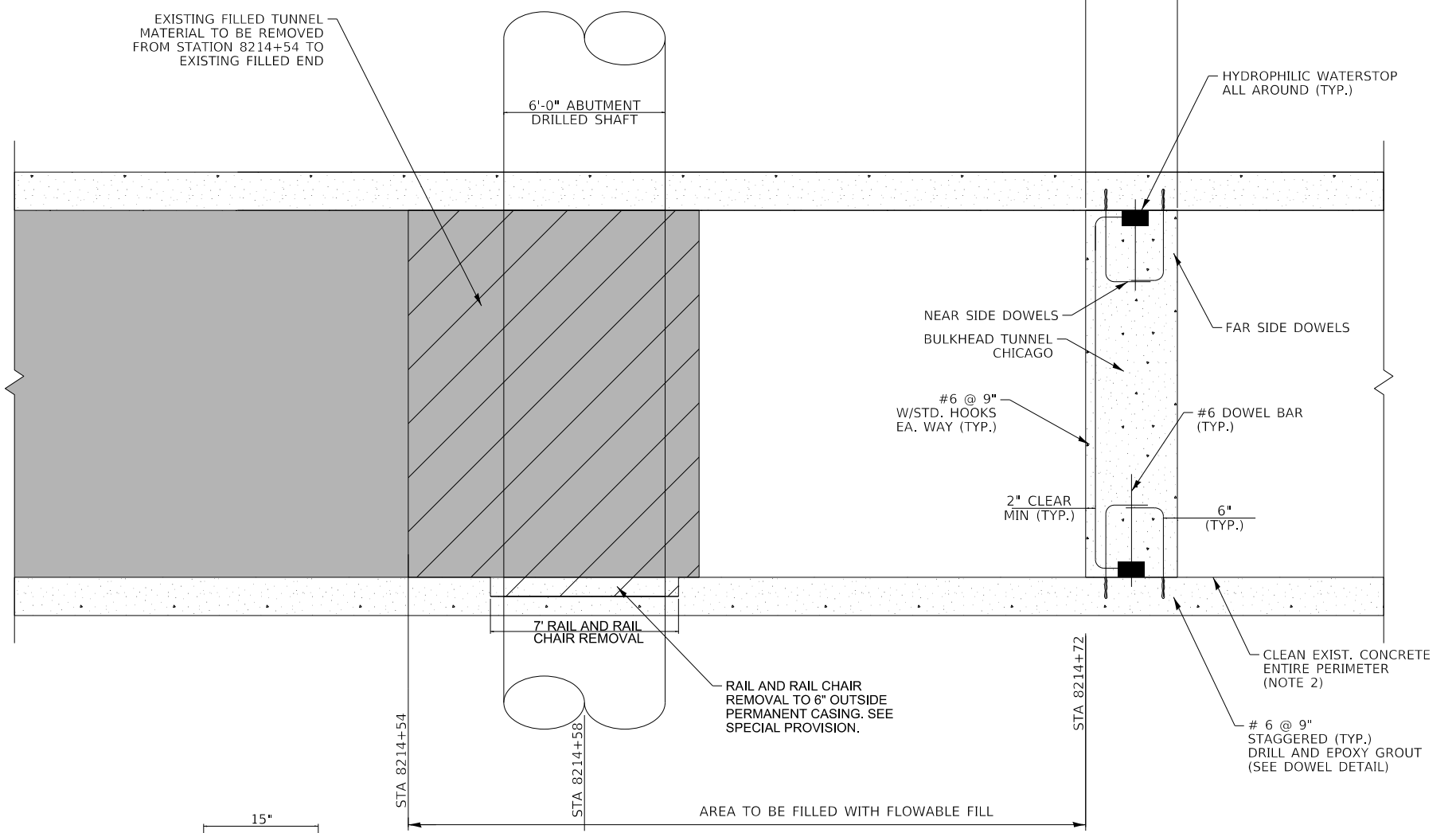
FREIGHT TUNNEL BULKHEADING CONSTRUCTION PROCEDURES	
SCALE: NONE	SHEET 5 OF 7 SHEETS
STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				

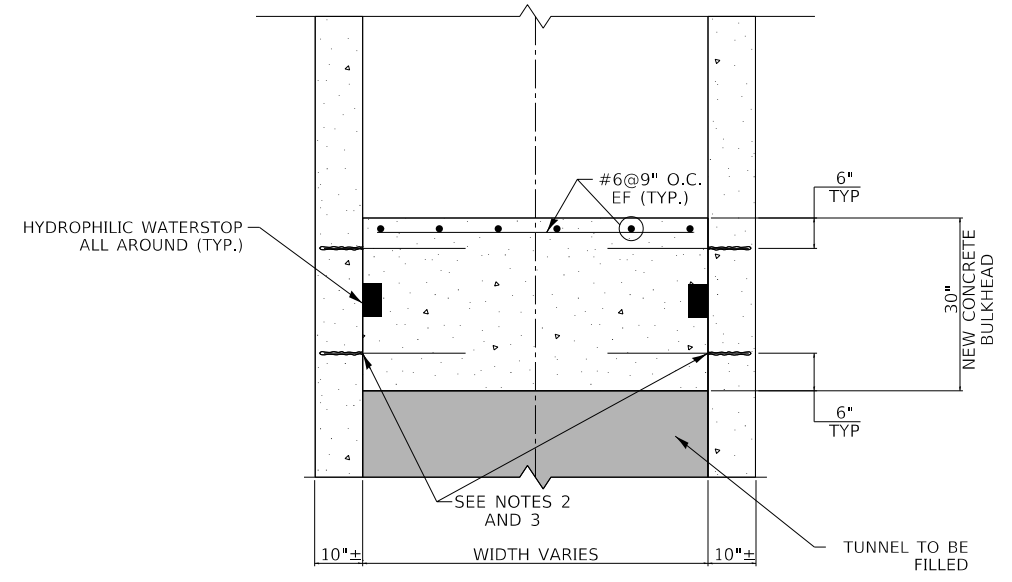
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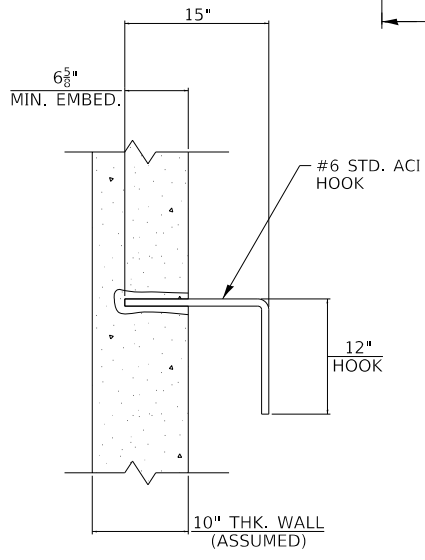
CONCRETE BULKHEAD DETAIL
(TYPICAL BULKHEAD SECTION)
NOT TO SCALE



LONGITUDINAL SECTION
LOOKING NORTH
NOT TO SCALE



D - D
NOT TO SCALE



DOWEL DETAIL
NOT TO SCALE

NOTES:

1. GROUT FOR DOWEL BARS SHALL BE HILTI HY150 EPOXY GROUT.
2. ALL SURFACES AGAINST WHICH NEW CONCRETE SHALL BE PLACED AND ALL CONSTRUCTION JOINTS SHALL BE TREATED WITH HIGH PRESSURE WATER JET BLASTING UNTIL ALL LOOSE OR DEFECTIVE CONCRETE AND ALL LAITANCE, COATINGS, STAINS, DEBRIS, AND OTHER FOREIGN MATERIALS ARE REMOVED.
3. AFTER CLEANING OF THE SURFACES HAS BEEN COMPLETED AND BEFORE NEW CONCRETE IS PLACED, A BONDING AGENT SUCH AS SIKA ARMATEC 110 EPOCEM SHALL BE APPLIED TO THE EXISTING SURFACES AGAINST WHICH CONCRETE IS TO BE PLACED.
4. HYDROPHILIC WATERSTOP SHALL BE A SWELLABLE STRIP TYPE COMPOUND OF POLYMER MODIFIED CHLOROPRENE RUBBER THAT SWELLS UPON CONTACT WITH WATER SUCH AS SIKASWELL PROFILE AS MANUFACTURED BY SIKA CORPORATION. ENDS TO BE JOINTED SHALL BE MITER CUT WITH A SHARP KNIFE OR SHEARS. THE ENDS SHALL BE ADHERED WITH CYANACRYLATE (SUPER GLUE) ADHESIVE. WATERSTOPS SHALL BE BONDED TO EXISTING CONCRETE WITH AN ADHESIVE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. WATERSTOP SHALL BE PLACED DIRECTLY PRIOR TO CLOSING FORM AND NOT ANY EARLIER. THE WATERSTOP MUST BE KEPT DRY UNTIL THE CONCRETE IS PLACED.
5. DOWEL BARS SHALL BE ANCHORED TO THE EXISTING CONCRETE TUNNEL WALLS WITH A TWO COMPONENT RESIN SYSTEM SUCH AS HILTI HIT HY 150. DOWEL BARS SHALL BE INSTALLED IN ACCORDANCE WITH THE ADHESIVE MANUFACTURER'S INSTRUCTIONS.
6. DOWEL BARS ON THE NEAR SIDE SHOULD BE LINED UP WITH THE #6 FLEXURAL STEEL AS MUCH AS PRACTICAL.



D160X94-SHT-TUNNEL-04.dgn
USER NAME = v1janachione
PLOT SCALE = 40.0000' / in.
PLOT DATE = 4/30/2020

DESIGNED - HMA
DRAWN - AMK
CHECKED - JMG
DATE - 5-1-2020

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FREIGHT TUNNEL BULKHEADING PLAN
CONCRETE BULKHEAD DETAILS**

SCALE: NONE SHEET 7 OF 7 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 60X94			ILLINOIS FED. AID PROJECT	

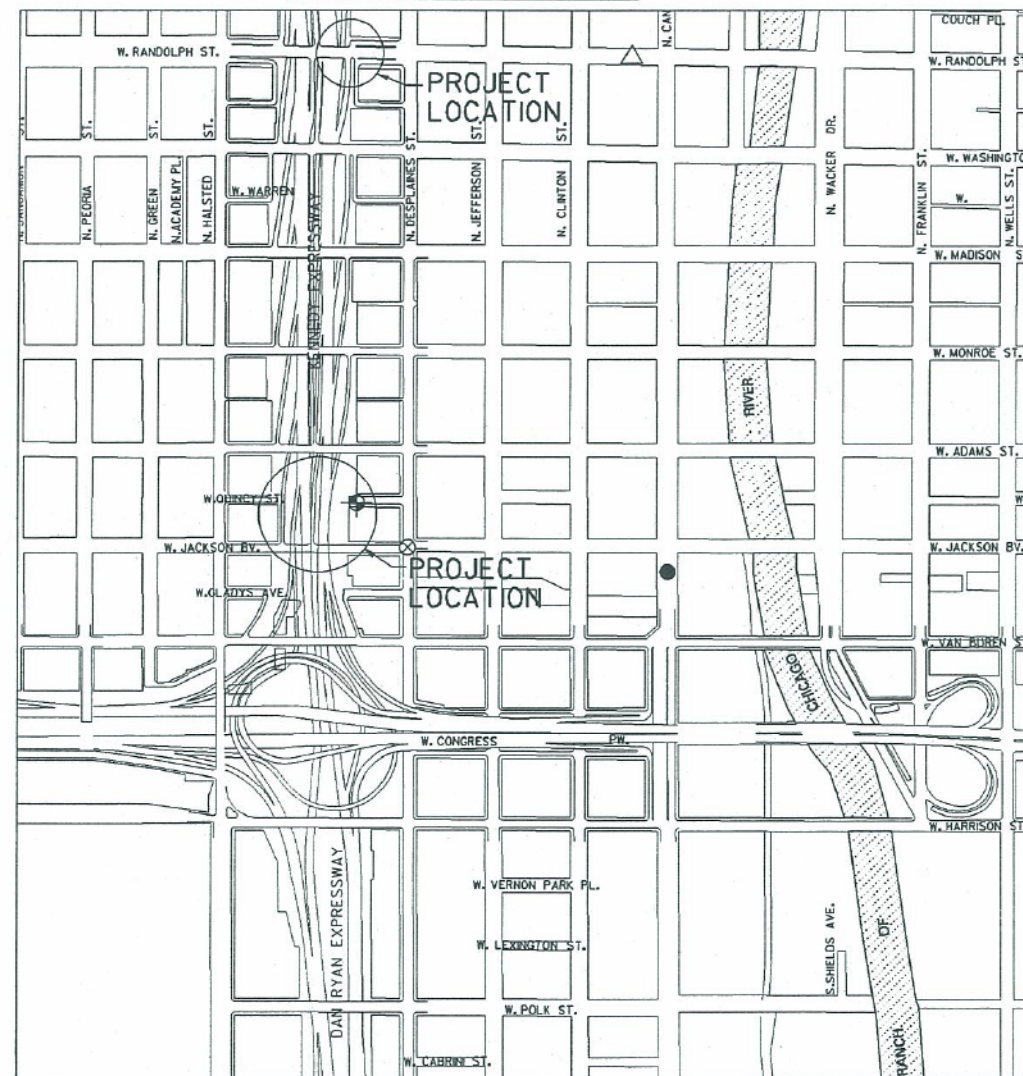
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DRAWINGS CHICAGO FREIGHT AND TROLLEY TUNNEL SYSTEMS W. JACKSON BLVD., W. QUINCY ST., AND W. RANDOLPH ST. FREIGHT TUNNEL REMEDIATION CHICAGO, ILLINOIS

LEGEND

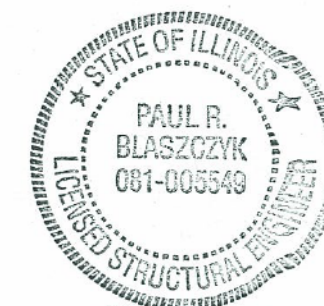
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	EXISTING C.F.T. BULKHEAD
	C.F.T. ACCESS POINT
	CECO MANHOLE OR SHAFT
	VENTILATION SHAFT
	EXISTING BORE HOLE
	PROPOSED BORE HOLE
	FREIGHT CAR
	EXISTING RAILROAD TRACKS
	C.F.T. PORTION TO BE LINED WITH CONCRETE
	C.F.T. PORTION TO BE FILLED WITH FLOWABLE FILL
	EXISTING CATCH BASIN
	EXISTING WATER VALVE IN VAULT
	EXISTING COMED MANHOLE
	EXISTING SEWER
	EXISTING WATER MAIN
	EXISTING COMED DUCT

PROJECT LOCATION



INDEX OF DRAWINGS

1001605B-G1	LEGEND, PROJECT LOCATION AND INDEX OF DRAWINGS
1001605B-G2	GENERAL NOTES - SHEET 1 OF 2
1001605B-G3	GENERAL NOTES - SHEET 2 OF 2
1001605B-C1	PLANS
1001605B-C2	SECTIONS AND DETAILS
1001605B-C3	FREIGHT TUNNEL LINING PENETRATION - PLAN AND NOTES
1001605B-C4	FREIGHT TUNNEL LINING PENETRATION - PROFILE AND DETAILS



SIGNATURE *Paul R. Blaszczyk*
EXP. DATE 11/30/04

OUC NO. 27008

REV.	BY	DATE	REVIEWED
2	MJC	9-12-03	JRM
1	MJC	5-12-03	JRM
0	MJC	4-16-03	JRM

REV. NO.	DWG. TRANSMITTAL LETTER NO.	DATE	NATURE OF REVISION	BY	CHKD.	APPD.
2		9-12-03	RECORD DRAWING	DAM	JRK	PRB
1		5-12-03	REPLACED STEEL SETS WITH CONCRETE LINING ON QUINCY & FLOWABLE FILL ON RANDOLPH	MJC	PRB	ZRM
0		4-16-03	ISSUED FOR CONSTRUCTION			

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
CHICAGO, ILLINOIS

CHICAGO FREIGHT AND TROLLEY TUNNEL SYSTEMS
W. JACKSON BLVD., W. QUINCY ST., & W. RANDOLPH ST. FREIGHT TUNNEL REMEDIATION

LEGEND
PROJECT LOCATION
AND INDEX OF DRAWINGS

PREPARED BY:
MWH

CHICAGO, ILLINOIS DATE APR. 2003 DWG. NO. 1001605B-G1

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DRAWN - MKW
CHECKED - JMG
DATE - 3-13-2020

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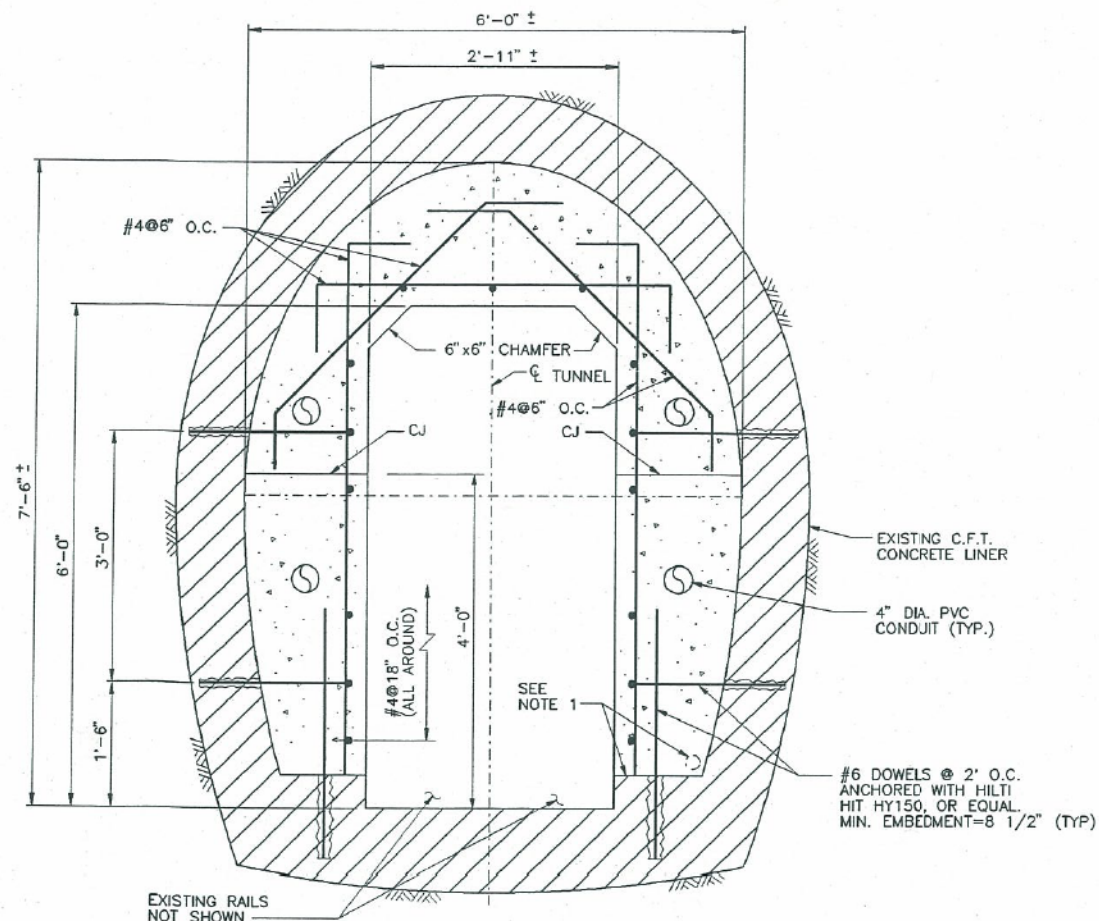
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING FREIGHT TUNNEL PLANS

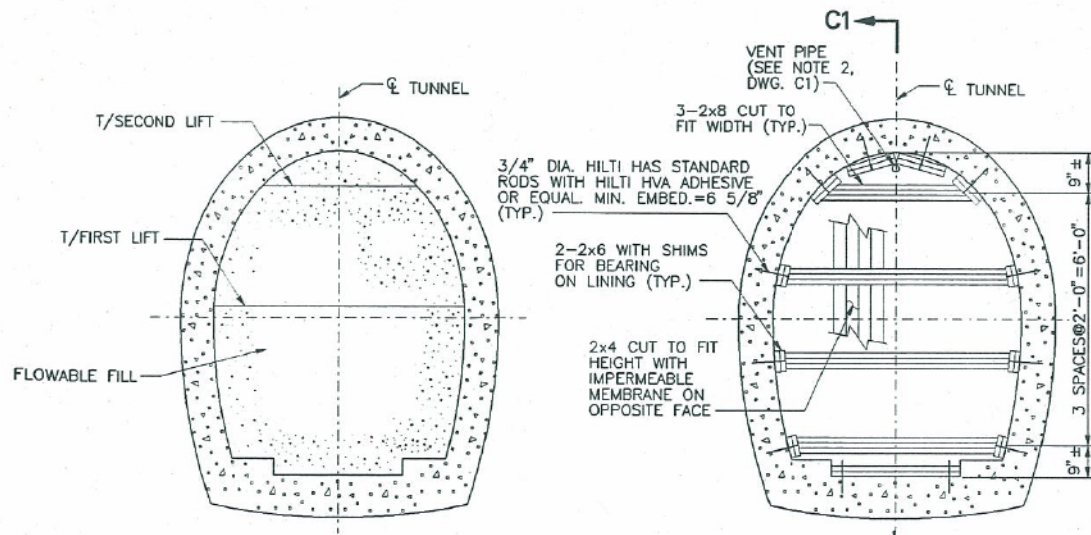
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90/94/290	2014-015R&B-R	COOK	825	187
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				

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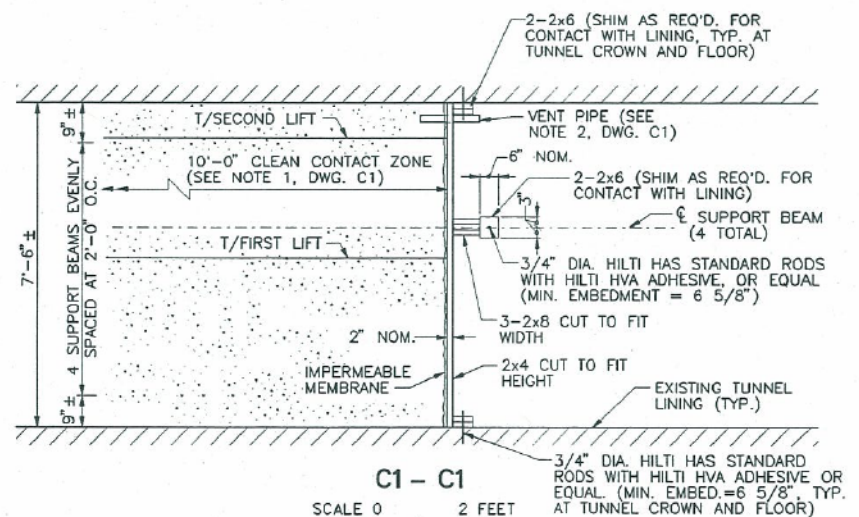


A - A
(C1)
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B - B
(C1)
SCALE 0 2 FEET

C - C
(C1)
SCALE 0 2 FEET



C1 - C1
SCALE 0 2 FEET
OUC NO. 27008

REFERENCE DRAWINGS:
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- NOTES:
- PRIOR TO CONSTRUCTION OF THE NEW CONCRETE LINER, ALL EXISTING PIPES, DEBRIS AND OTHER MATERIALS SHALL BE CLEARED FROM THE CONCRETE LEDGES ON BOTH SIDES OF THE TUNNEL FLOOR TO PROVIDE A CLEAR CONTACT AREA AT THE BASE.
 - LUMBER FOR THE NEW BULKHEAD SHOWN IN SECTION C-C SHALL BE STRUCTURAL GRADE SOUTHERN PINE NO. 1, OR EQUAL. MISCELLANEOUS FASTENERS SHALL BE USED AS REQUIRED. UPON APPROVAL OF THE ENGINEER, THE CONTRACTOR MAY ALTER THE ORIENTATION OF THE BULKHEAD FORMWORK.
 - PROVIDING TEMPORARY SHORING OF THE FREIGHT TUNNEL SHALL BE AT THE SOLE DISCRETION OF THE CONTRACTOR.

OSGN.	MJC	REVIEWED
CHKD.	PRB	CIVIL
CHKD.	MCC	ZRM
CHKD.	MJC	MECH.
CHKD.	HB	ELECT.

PROJECT MANAGER: HERSBERT BERG
FILE: cid1605bd1605b-c3.dgn

REV. NO.	DWG. TRANSMITTAL LETTER NO.	DATE	NATURE OF REVISION	BY	CHKD.	APPD.
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1		5-12-03	REPLACED STEEL SETS WITH CONCRETE LINER ON QUINCY & FLOWABLE FILL ON RANDOLPH	MJC	PRB	ZRM
		4-16-03	ISSUED FOR CONSTRUCTION			

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
CHICAGO, ILLINOIS

CHICAGO FREIGHT AND TROLLEY TUNNEL SYSTEMS
W. JACKSON BLVD., W. QUINCY ST., & W. RANDOLPH ST. FREIGHT TUNNEL REMEDIATION

SECTIONS AND DETAILS

PREPARED BY:
MWH

CHICAGO, ILLINOIS DATE APR. 2003 DWG. NO. 1001605B-C2



D160X94-SHT-EX-TUNNEL-02.dgn
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PLOT SCALE = 100.0000 / 1 in.
PLOT DATE = 3/6/2020

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DRAWN - MKW
CHECKED - JMG
DATE - 3-13-2020

REVISED -
REVISED -
REVISED -
REVISED -

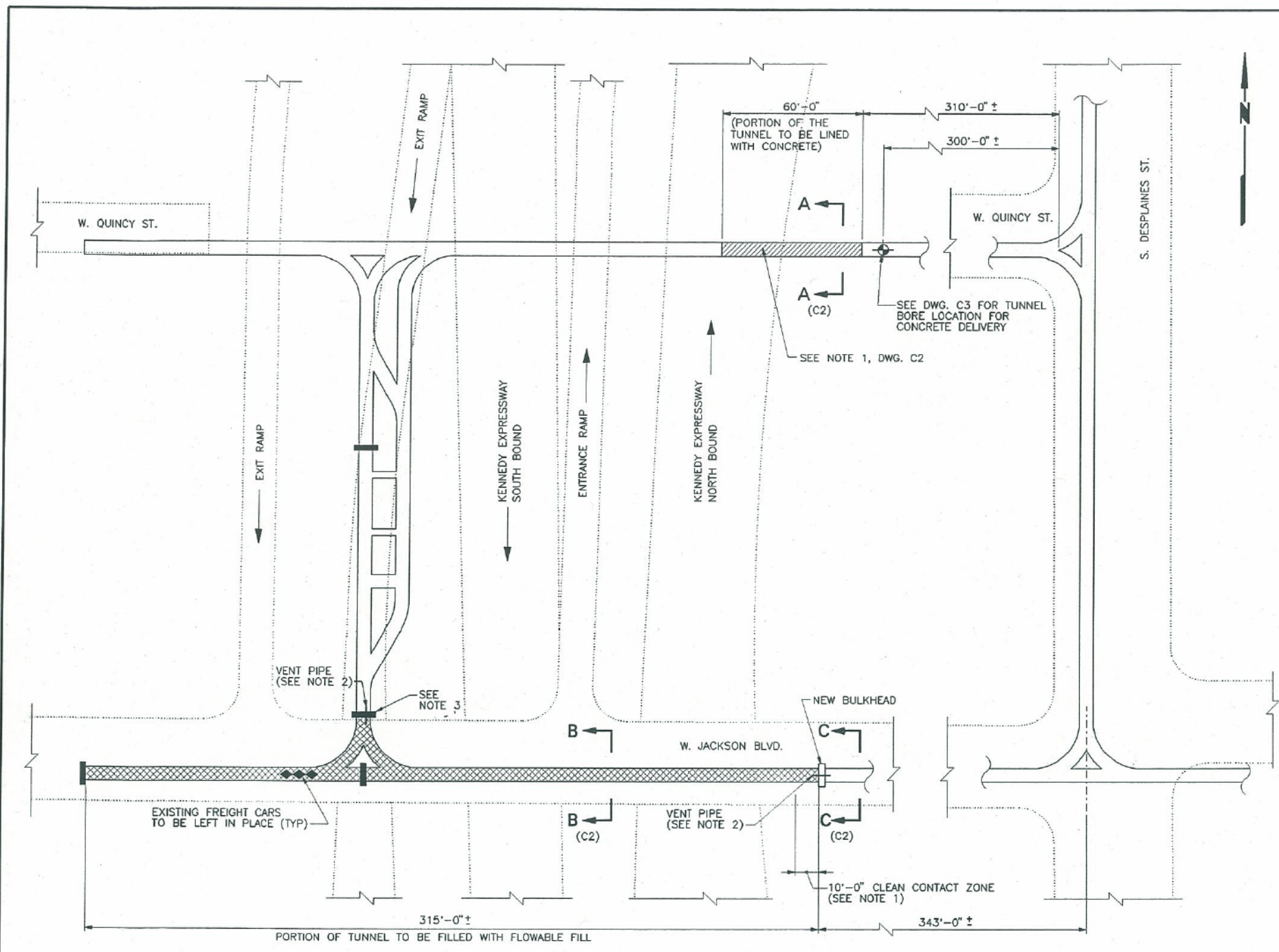
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING FREIGHT TUNNEL PLANS

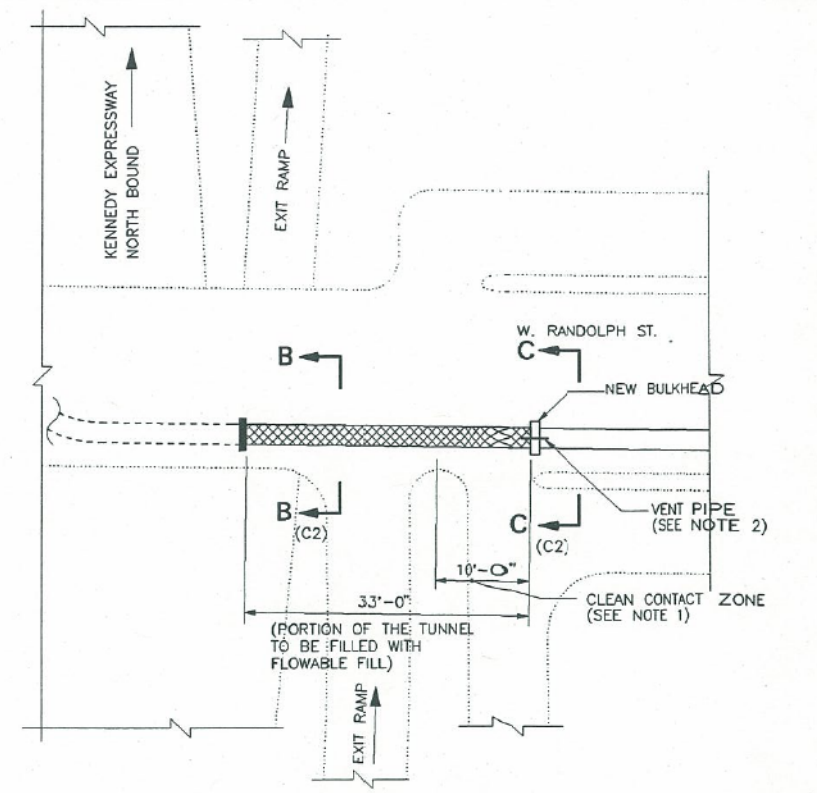
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PLAN
W. JACKSON BLVD. & W. QUINCY ST.



PLAN
W. RANDOLPH ST.

REFERENCE DRAWINGS:
WORK THIS DRAWING WITH 1001605B-C2, C3 AND C4
GENERAL NOTES 1001605B-G1

- NOTES:
1. A MINIMUM 10' LENGTH OF THE TUNNEL IMMEDIATELY WEST OF THE NEW BULKHEAD IS TO BE FREE OF DEBRIS TO PROVIDE A CLEAN CONTACT ZONE BETWEEN THE EXISTING TUNNEL LINER AND THE FILL MATERIAL.
 2. VENT PIPES SUITABLE FOR VENTING THE PORTION OF TUNNEL TO BE FILLED WITH FLOWABLE FILL SHALL BE PROVIDED AS SHOWN OR AS REQUIRED BASED ON THE ACTUAL TUNNEL PROFILE AND THE FILLING METHOD/ DELIVERY SYSTEM TO BE PROVIDED BY THE CONTRACTOR, SUBJECT TO THE APPROVAL OF THE ENGINEER. THE VENT PIPES SHALL BE CAPPED ONCE FLOWABLE FILL IS DISCHARGED THROUGH THE PIPES.
 3. THE EXISTING BULKHEAD AT THE SOUTH END OF THE TUNNEL UNDER THE SOUTHBOUND EXIT RAMP SHALL BE INVESTIGATED BY THE CONTRACTOR TO DETERMINE ITS DIMENSIONS, MATERIAL, AND OVERALL INTEGRITY. ADDITIONAL SUPPORT CONSISTING OF BEAMS SIMILAR TO THOSE PROVIDED FOR THE NEW BULKHEAD TO BE CONSTRUCTED SHALL BE PROVIDED IF THE BULKHEAD IS FOUND TO BE INADEQUATE TO RESIST THE LOADING FROM THE FLOWABLE FILL, SUBJECT TO THE APPROVAL OF THE ENGINEER.

SCALE 0 25 50 FEET

OUC NO. 27008

CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION CHICAGO, ILLINOIS	
CHICAGO FREIGHT AND TROLLEY TUNNEL SYSTEMS W. JACKSON BLVD., W. QUINCY ST., & W. RANDOLPH ST. FREIGHT TUNNEL REMEDIATION	
PLANS	
PREPARED BY: MWH	DATE: APR. 2003 DWG. NO.: 1001605B-C1

DESIGN	REVIEWED
CHKD. PRB	CIVIL ZRM
DRAWN. MKC	MEDL.
CHKD. MKC	ELECT.
SERIAL. HB	
PROJECT MANAGER: HERBERT BERG	

REV. NO.	DWG. TRANSMITTAL LETTER NO.	DATE	NATURE OF REVISION	BY	CHKD.	APPD.
2		9-12-03	RECORD DRAWING	DAM	JRK	PRB
1		5-12-03	REPLACED STEEL SETS WITH CONCRETE LINER ON QUINCY & FLOWABLE FILL ON RANDOLPH	MJC	PRB	ZRM
		4-16-03	ISSUED FOR CONSTRUCTION			

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D160X94-SHT-EX-TUNNEL-03.dgn
USER NAME = v1janachione
PLOT SCALE = 100.0000' / 1"
PLOT DATE = 3/6/2020

DESIGNED - JLV
DRAWN - MKW
CHECKED - JMG
DATE - 3-13-2020

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING FREIGHT TUNNEL PLANS

SCALE: NONE SHEET 3 OF 7 SHEETS STA. TO STA.

F.A.I. R.T.E. 90/94/290
SECTION 2014-015R&B-R
COUNTY COOK
TOTAL SHEETS 825
SHEET NO. 189
CONTRACT NO. 60X94
ILLINOIS FED. AID PROJECT

RECORD DRAWING

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SECTION 5.0 GENERAL NOTES FOR CONCRETE

- 5.22 WHEN THE AMBIENT TEMPERATURE DURING PLACING IS 40 DEGREES F OR LESS, OR IS EXPECTED TO BE AT ANY TIME WITHIN 6 HOURS AFTER PLACING, THE TEMPERATURE OF THE CONCRETE AS DELIVERED SHALL BE BETWEEN 50 AND 75 DEGREES F.
- 5.23 CONCRETE SHALL BE COMPOSED OF PORTLAND CEMENT, POZZOLANIC MATERIAL, AGGREGATES, WATER AND ADMIXTURES AS SPECIFIED. CONCRETE MIXTURES SHALL BE PROPORTIONED IN ACCORDANCE WITH SECTION 4 OF ACI 301. POZZOLAN SHALL BE USED IN ALL CONCRETE AT NO LESS THAN 15 PERCENT, BY WEIGHT, OF THE TOTAL CEMENTITIOUS MATERIAL.
- 5.24 ADMIXTURES WHICH HAVE BEEN IN STORAGE FOR LONGER THAN 6 MONTHS OR WHICH HAVE BEEN SUBJECT TO FREEZING SHALL NOT BE USED UNLESS RETESTED AND PROVEN TO MEET THE SPECIFIED REQUIREMENTS.
- 5.25 CEMENT SHALL CONFORM TO ASTM C 150, TYPE II UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- 5.26 POZZOLAN SHALL CONFORM TO ASTM C 618 TYPES F OR N EXCEPT THAT CARBON CONTENT SHALL NOT BE MORE THAN 3% BY WEIGHT AND LOSS ON IGNITION SHALL NOT BE MORE THAN 6% BY WEIGHT.
- 5.27 SILICA FUME SHALL CONFORM TO ASTM C 1240.
- 5.28 FINE AND COARSE AGGREGATES SHALL CONFORM TO THE REQUIREMENTS OF ASTM C33.
- 5.29 THE AIR-ENTRAINING ADMIXTURE SHALL CONFORM TO ASTM C 260 AND SHALL CONSISTENTLY CAUSE THE CONCRETE TO HAVE AN AIR CONTENT IN THE SPECIFIED RANGES UNDER FIELD CONDITIONS.
- 5.30 WATER REDUCER AND RETARDING ADMIXTURES SHALL CONFORM TO ASTM C 494, TYPE A OR D. THESE ADMIXTURES SHALL BE USED AT THE MID-RANGE OF THE MANUFACTURER'S RECOMMENDED DOSAGE UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- 5.31 HIGH-RANGE WATER REDUCING ADMIXTURE SHALL CONFORM TO ASTM C 494, TYPE F OR G AND MAY ONLY BE USED WHEN APPROVED IN WRITING BY THE ENGINEER, SUCH APPROVAL BEING CONTINGENT UPON PARTICULAR MIXTURE CONTROL OR UPON PERFORMANCE OF SEPARATE MIXTURE DESIGN STUDIES.
- 5.32 WATER FOR MIXING AND CURING SHALL BE FRESH, CLEAN, POTABLE AND FREE OF INJURIOUS AMOUNTS OF OIL, ACID, SALT, OR ALKALI, EXCEPT THAT NONPOTABLE WATER MAY BE USED IF IT MEETS THE REQUIREMENTS OF COE CRD-C 400.
- 5.33 EPOXY RESIN FOR USE IN REPAIRS SHALL CONFORM TO ASTM C 881, TYPE V, GRADE 2, CLASS AS APPROPRIATE TO THE EXISTING AMBIENT AND SURFACE TEMPERATURES.
- 5.34 SURFACES UPON WHICH CONCRETE IS TO BE PLACED SHALL BE CLEAN AND FREE FROM DEBRIS, FROST, ICE, AND STANDING OR RUNNING WATER.
- 5.35 ALL EMBEDDED STEEL, ANCHORS, DRAIN OUTLETS, EMBEDDED RUNGS, EMBEDDED METAL, ETC. SHALL BE FIRMLY AND SECURELY IN PLACE, CLEAN AND FREE OF OIL AND OTHER FOREIGN MATTER SUCH AS LOOSE COATINGS OR RUST, PAINT, AND SCALE BEFORE CONCRETE IS PLACED, EXCEPT AS NOTED.
- 5.36 CONCRETE SHALL BE FURNISHED FROM A READY-MIXED CONCRETE PLANT. READY-MIXED CONCRETE SHALL BE BATCHED, MIXED, AND TRANSPORTED IN ACCORDANCE WITH ASTM C 94, EXCEPT AS OTHERWISE SPECIFIED TRUCK MIXERS SHALL COMPLY WITH NRMCA TMMB 100. READY-MIX PLANT EQUIPMENT AND FACILITIES SHALL BE CERTIFIED IN ACCORDANCE WITH NRMCA QC 3. APPROVED BATCH TICKETS SHALL BE FURNISHED FOR EACH LOAD OF READY-MIXED CONCRETE. WATER SHALL NOT BE ADDED AT THE PLACING SITE UNLESS SPECIFICALLY APPROVED; AND IN NO CASE SHALL IT EXCEED THE SPECIFIED W/CM.
- 5.37 MIXED CONCRETE SHALL BE DISCHARGED WITHIN 1-1/2 HOURS OR BEFORE THE MIXER DRUM HAS REVOLVED 300 REVOLUTIONS, WHICHEVER COMES FIRST AFTER THE INTRODUCTION OF THE MIXING WATER TO THE CEMENT AND AGGREGATES.
- 5.38 CONCRETE SHALL BE DEPOSITED AS CLOSE AS POSSIBLE TO ITS FINAL POSITION IN THE FORMS, AND THERE SHALL BE NO VERTICAL DROP GREATER THAN 5 FEET EXCEPT WHERE SUITABLE EQUIPMENT IS PROVIDED TO PREVENT SEGREGATION AND WHERE SPECIFICALLY AUTHORIZED.
- 5.39 DEPOSITING OF CONCRETE SHALL BE SO REGULATED THAT IT WILL BE EFFECTIVELY CONSOLIDATED IN HORIZONTAL LAYERS NOT MORE THAN 18 INCHES THICK, EXCEPT THAT SLABS SHALL BE PLACED IN A SINGLE LAYER.
- 5.40 CONCRETE SHALL BE DEPOSITED CONTINUOUSLY IN ONE LAYER OR IN LAYERS SO THAT FRESH CONCRETE IS DEPOSITED ON IN-PLACE CONCRETE THAT IS STILL PLASTIC.
- 5.41 SPECIAL CARE SHALL BE USED TO ENSURE COMPLETE FILLING OF THE FORMS, ELIMINATION OF ALL VOIDS, AND COMPLETE CONSOLIDATION OF THE CONCRETE WHEN PLACING CONCRETE IN AREAS CONGESTED WITH REINFORCING BARS, EMBEDDED ITEMS, WATERSTOPS AND OTHER TIGHT SPACING.
- 5.42 IMMEDIATELY AFTER PLACING, EACH LAYER OF CONCRETE SHALL BE CONSOLIDATED BY INTERNAL VIBRATORS. THE VIBRATOR SHALL PENETRATE RAPIDLY TO THE BOTTOM OF THE LAYER AND AT LEAST 6 INCHES INTO THE PRECEDING LAYER IF THERE IS SUCH. VIBRATOR SHALL BE HELD STATIONARY UNTIL THE CONCRETE IS CONSOLIDATED AND THEN VERTICALLY WITHDRAWN SLOWLY WHILE OPERATING.
- 5.43 SPECIAL PROTECTION MEASURES SHALL BE USED IF FREEZING TEMPERATURES ARE ANTICIPATED BEFORE THE EXPIRATION OF THE SPECIFIED CURING PERIOD. THE AMBIENT TEMPERATURE OF THE AIR WHERE CONCRETE IS TO BE PLACED AND THE TEMPERATURE OF SURFACES TO RECEIVE CONCRETE SHALL NOT BE LESS THAN 40 DEGREES F. THE TEMPERATURE OF THE CONCRETE WHEN PLACED SHALL NOT BE LESS THAN 50 DEGREES F NOR MORE THAN 75 DEGREES F. HEATING OF MIXING WATER OR AGGREGATE WILL BE REQUIRED TO REGULATE THE CONCRETE PLACING TEMPERATURE. MATERIALS ENTERING THE MIXER SHALL BE FREE FROM ICE, SNOW, OR FROZEN LUMPS. SALT, CHEMICALS OR OTHER MATERIALS SHALL NOT BE INCORPORATED IN THE CONCRETE TO PREVENT FREEZING.

DSCH	MJC	REVIEWED
CHKD.	PRB	CIVIL ZRM
DWNL	WCC	
CHKD.	MJC	MEDL
SUBM.	HE	ELECT.
PROJECT MANAGER HERBERT BERG		

- 5.44 ALL CONSTRUCTION JOINTS SHALL BE AS SHOWN ON THE DRAWINGS OR AS APPROVED BY THE ENGINEER. KEYS SHALL BE PROVIDED AT ALL CONSTRUCTION JOINTS WHERE NOTED. KEY DETAILS WILL BE AS SHOWN IN THE STANDARD DETAILS. FRESH CONCRETE SHALL NOT BE PLACED AGAINST ADJACENT HARDENED CONCRETE UNTIL IT IS AT LEAST 24 HOURS OLD.
- 5.45 CONCRETE SURFACES TO WHICH ADDITIONAL CONCRETE IS TO BE BONDED SHALL BE PREPARED FOR RECEIVING THE NEXT LIFT OR ADJACENT CONCRETE BY CLEANING WITH EITHER SANDBLASTING, HIGH-PRESSURE WATER JET, OR OTHER APPROVED METHOD. REGARDLESS OF THE METHOD USED, THE RESULTING SURFACES SHALL BE FREE FROM ALL LAITANCE AND INFERIOR CONCRETE SO THAT CLEAN, WELL BONDED COARSE AGGREGATE IS EXPOSED UNIFORMLY THROUGHOUT THE LIFT SURFACE, AND MAKES UP AT LEAST 10 PERCENT OF THE SURFACE AREA. THE EDGES OF THE COARSE AGGREGATE SHALL NOT BE UNDERCUT. THE SURFACE OF HORIZONTAL CONSTRUCTION JOINTS SHALL BE KEPT CONTINUOUSLY WET FOR THE FIRST 12 HOURS DURING THE 24-HOUR PERIOD PRIOR TO PLACING FRESH CONCRETE. THE SURFACE SHALL BE WASHED CLEAN AGAIN AS THE LAST OPERATION PRIOR TO PLACING THE NEXT LIFT. THERE SHALL BE NO STANDING WATER ON THE SURFACE UPON WHICH CONCRETE IS PLACED.
- 5.46 ALL EXPOSED EDGES SHALL BE PROVIDED WITH A 3/4 INCH CHAMFER, EXCEPT AS NOTED.
- 5.47 FORMED SURFACES SHALL BE LEFT WITH THE TEXTURE IMPARTED BY THE FORMS EXCEPT THAT DEFECTIVE SURFACES SHALL BE REPAIRED WITHIN 24 HOURS AFTER FORMS ARE REMOVED. REPAIRS SHALL BE DEMONSTRATED TO BE ACCEPTABLE AND FREE FROM CRACKS OR LOOSE OR DRUMMY AREAS AT THE COMPLETION OF THE CONTRACT. REPAIRS NOT MEETING THESE REQUIREMENTS WILL BE REJECTED AND SHALL BE REPLACED.
- 5.48 FORM TIE HOLES SHALL BE REAMED AND OTHER SIMILAR DEFECTS SHALL BE CUT OUT TO SOUND CONCRETE. THE VOID SHALL THEN BE THOROUGHLY CLEANED, THOROUGHLY WETTED, BRUSH-COATED WITH A THIN COAT OF NEAT CEMENT GROUT AND FILLED WITH MORTAR. ALL HOLES SHALL BE PACKED FULL AND SHALL BE MOIST CURED FOR AT LEAST 48 HOURS.
- 5.49 CONCRETE WITH EXCESSIVE HONEYCOMB, OR OTHER DEFECTS WHICH AFFECT THE STRENGTH OF THE MEMBER, WILL BE REJECTED.
- 5.50 ALL CONCRETE SHALL BE CURED BY AN APPROVED METHOD FOR AT LEAST 7 DAYS.
- 5.51 WHEN THE DAILY AMBIENT LOW TEMPERATURE IS LESS THAN 32 DEGREES F THE TEMPERATURE OF THE CONCRETE SHALL BE MAINTAINED ABOVE 40 DEGREES F FOR THE FIRST SEVEN DAYS AFTER PLACING. DURING THE PERIOD OF PROTECTION REMOVAL, THE AIR TEMPERATURE ADJACENT OF THE CONCRETE SURFACES SHALL BE CONTROLLED SO THAT CONCRETE NEAR THE SURFACE WILL NOT BE SUBJECT TO A TEMPERATURE DIFFERENTIAL OF MORE THAN 25 DEGREES F AS DETERMINED BY SUITABLE TEMPERATURE MEASURING DEVICES FURNISHED BY THE CONTRACTOR, AS REQUIRED, AND INSTALLED ADJACENT OF THE CONCRETE SURFACE AND 2 INCHES INSIDE THE SURFACE OF THE CONCRETE. THE INSTALLATION OF THE THERMOMETERS SHALL BE MADE BY THE CONTRACTOR AS DIRECTED.

SECTION 6.0 GENERAL DESIGN NOTES

- 6.01 DESIGN SPECIFICATIONS
 - ACI BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE (318-02) AND COMMENTARY (318R-02)
 - CHICAGO BUILDING CODE
 - AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES-SIXTEENTH EDITION
 - ANSI/AF & PA NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION (NDS-1997)
- 6.02 DESIGN STRESSES
 - EXISTING FREIGHT TUNNEL CONCRETE: f'c=2,000psi (ASSUMED)
 - CONCRETE: f'c=4000psi
 - FLOWABLE FILL: f'c=50psi (MIN.)
- 6.03 THE TIMBER BULKHEAD SHOWN IN SECTION C-C ON DWG. C2 HAS BEEN DESIGNED FOR A STATIC FLUID PRESSURE RESULTING FROM A WATER COLUMN HEIGHT OF 5 FEET ABOVE THE TUNNEL CROWN. THE CONTRACTOR SHALL SUBMIT WRITTEN VERIFICATION TO THE ENGINEER FOR APPROVAL THAT THE FLOWABLE FILL DENSITY AND PLACEMENT PROCEDURES WILL NOT RESULT IN HIGHER PRESSURES AGAINST THE BULKHEAD.

SECTION 7.0 ABBREVIATIONS & SYMBOLS

ABT.	ABOUT	EXP.	EXPANSION	PROJ.	PROJECTION
ADD'L.	ADDITIONAL	EXP. JT.	EXPANSION JOINT	PT	POINT OF TANGENCY
AL.	ALUMINUM	EXT.	EXTERIOR	R	RADIUS OR RISER
ALT.	ALTERNATE	FDN.	FOUNDATION	R.C.	REINFORCED CONCRETE
APPROX.	APPROXIMATE	FIN.	FINISH	R.C.P.	REINFORCED CONCRETE PIPE
B/	BOTTOM OF	FL.	FLOOR	R.D.	ROOF DRAIN
BOT	BOTTOM	GA.	GAGE	REINF.	REINFORCEMENT
CC	CENTER TO CENTER	GALV.	GALVANIZED	REQ'D	REQUIRED
C.I.	CAST IRON	H.P.	HIGH POINT	R.O.W.	RIGHT OF WAY
C.I.P.	CAST-IN-PLACE	ID	INSIDE DIAMETER	V.C.P.	VITRIFIED CLAY PIPE
CJ	CONSTRUCTION JOINT	INV.	INVERT	Ø	DIAMETER
CL	CENTER LINE	JT.	JOINT	SCH.	SCHEDULE
CL	CLEAR	L	LENGTH ALONG CURVE	SECT.	SECTION
C.M.P.	CORRUGATED METAL PIPE	L.P.	LOW POINT	SH.	SHEET
COE	CORPS OF ENGINEERS	MAX.	MAXIMUM	S.S.	STAINLESS STEEL
COL.	COLUMNS	MFR	MANUFACTURER	STA.	STATION
CONC.	CONCRETE	MH	MANHOLE	STD.	STANDARD
CONT.	CONTINUOUS	MI	MALLEABLE IRON	SYM.	SYMMETRICAL
C.S.K.	COUNTERSUNK	MIN.	MINIMUM	T	CONCRETE WALL THICKNESS
CRV	CURVE	MW	MONITORING WELL	T	TANGENT LENGTH
DA	DOVETAIL ANCHORS	M.L.	MATCH LINE	T/	TOP OF
DAS	DOVETAIL ANCHOR SLOTS	NAT.	NATURAL	TI	TUNNEL INTERSECTION
DET.	DETAIL	NOM.	NOMINAL	T.B.M.	TUNNEL BORING MACHINE
DN	DOWN	N.T.S.	NOT TO SCALE	(TYP.)	TYPICAL
D.I.	DUCTILE IRON	NO.	NUMBER	T.O.R.	TOP OF ROCK
DIA.	DIAMETER	O.C.	ON CENTERS	TRC	TOP OF ROUGH CONCRETE
DEFL.	DEFLECTION	OD	OUTSIDE DIAMETER	U.N.O.	UNLESS NOTED OTHERWISE
DWG.	DRAWING	OPNG	OPENING	VERT.	VERTICAL
DWLS	DOWELS	OPP	OPPOSITE	VG	V-GROOVE
EA	EXPANSION ANCHORS	PL	PLATE	WL	WORKING LINE
E/B	EASTBOUND	PC	POINT OF CURVATURE	WP	WORKING POINT
EL.	ELEVATION	PI	POINT OF INTERSECTION	WS	WATERSTOP
EMB.	EMBEDMENT	P.O.A.	POINT ON ALIGNMENT		
EOB	END OF BORING	POT	POINT ON TANGENT		
		PRC	POINT OF REVERSE CURVE		

OUC NO. 27008

REV. NO.	DWG. TRANSMITTAL LETTER NO.	DATE	NATURE OF REVISION	BY	CHKD.	APPD.
2		9-12-03	RECORD DRAWING	DAM	JRK	PRB
1		5-12-03	REPLACED STEEL SETS WITH CONCRETE LINER ON OUNCEY & FLOWABLE FILL ON RANDOLPH	MJC	PRB	ZRM
		4-16-03	ISSUED FOR CONSTRUCTION			

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
CHICAGO, ILLINOIS

CHICAGO FREIGHT AND TROLLEY TUNNEL SYSTEMS
W. JACKSON BLVD., W. QUINCY ST., & W. RANDOLPH ST. FREIGHT TUNNEL REMEDIATION

GENERAL NOTES
SHEET 2 OF 2

PREPARED BY
 MWH

CHICAGO, ILLINOIS DATE APR. 2003 DWG. NO. 1001605B-G3

RECORD DRAWING



D:\60X94-SHT-EX-TUNNEL-04.dgn	DESIGNED - JLV	REVISED -
USER NAME = vjjanachione	DRAWN - MKW	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 3/6/2020	DATE - 3-13-2020	REVISED -

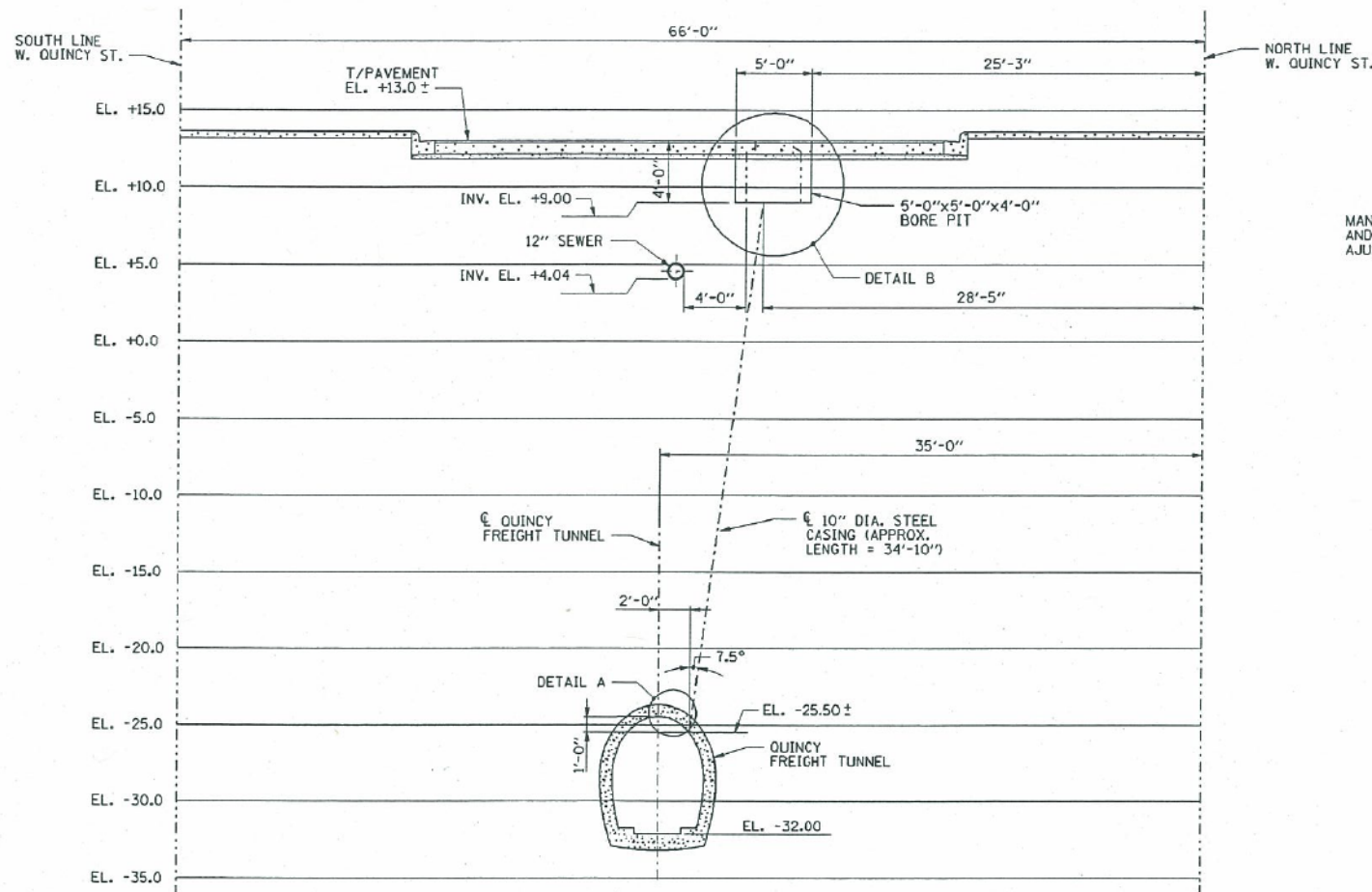
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING FREIGHT TUNNEL PLANS

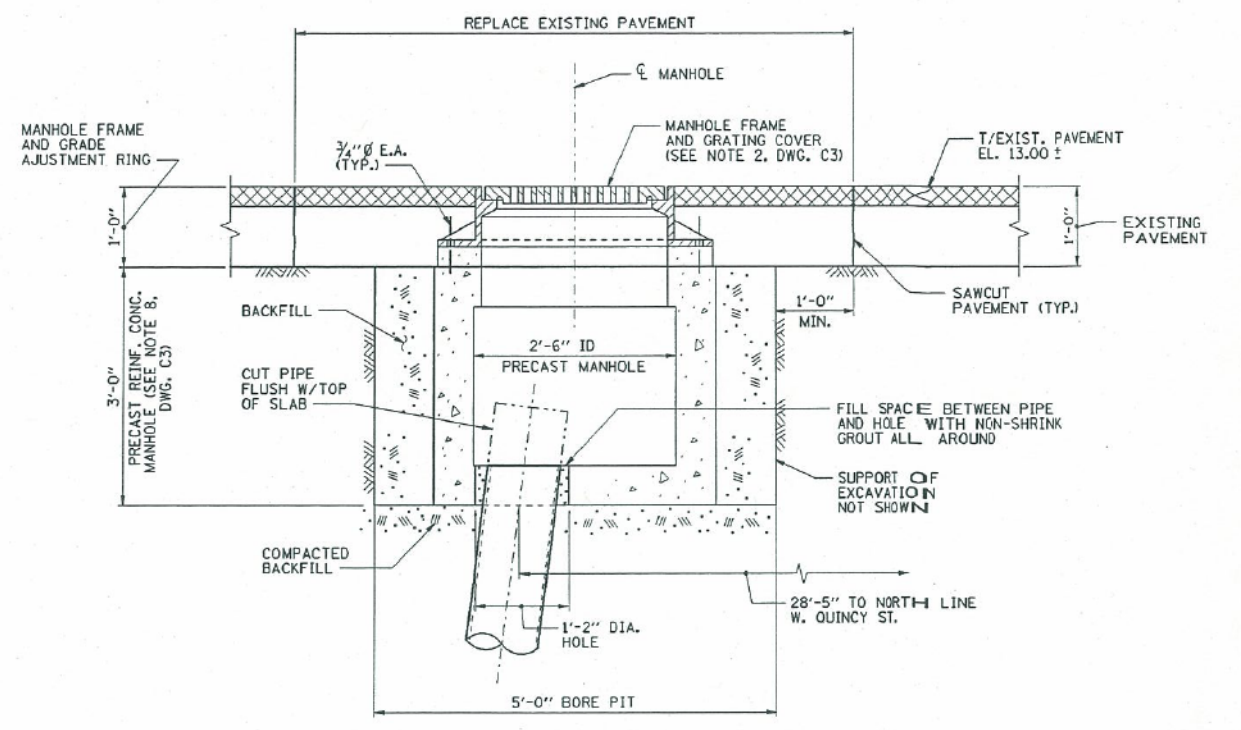
SCALE: NONE SHEET 4 OF 7 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	190
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				

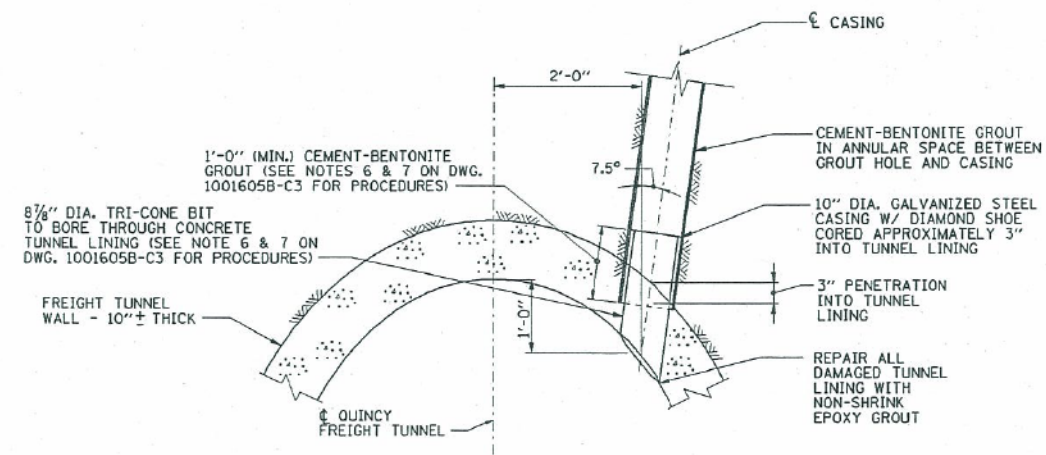
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A - A
(LOOKING WEST ON QUINCY)
(1001605B-C3)
SCALE 0 5 FEET



DETAIL B
SCALE 0 1 FOOT



DETAIL A
N.T.S.

REFERENCE DRAWINGS:
WORK THIS DRAWING WITH 1001605B-C3

OUC NO. 27008

DSGN.	DAM.	REVIEWED
CHD.	MJC	CIVIL
CHD.	HEK	MECH.
CHD.	DAM	ELECT.
SLBK.	HE	

PROJECT MANAGER: HERBERT BERG

REV. NO.	DWG. TRANSMITTAL LETTER NO.	DATE	NATURE OF REVISION	BY	CHKD.	APPD.
1		9-12-03	RECORD DRAWING	DAM	JRK	PRB
2		5-12-03	ISSUED FOR CONSTRUCTION			

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
CHICAGO, ILLINOIS

CHICAGO FREIGHT AND TROLLEY TUNNEL SYSTEMS
W. JACKSON BLVD., W. QUINCY ST., & W. RANDOLPH ST. FREIGHT TUNNEL REMEDIATION

**FREIGHT TUNNEL LINING PENETRATION
PROFILE AND DETAILS**

PREPARED BY:
MWH

CHICAGO, ILLINOIS DATE MAY 2003 DWG. NO. 1001605B-C4



D160X94-SHT-EX-TUNNEL-05.dgn
USER NAME = v1janachione
PLOT SCALE = 100.0000 / 1 in.
PLOT DATE = 3/6/2020

DESIGNED - JLV
DRAWN - MKW
CHECKED - JMG
DATE - 3-13-2020

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING FREIGHT TUNNEL PLANS

SCALE: NONE SHEET 5 OF 7 SHEETS STA. TO STA.

F.A.I. R.T.E. 90/94/290 SECTION 2014-015R&B-R COUNTY COOK TOTAL SHEETS 825 SHEET NO. 191 CONTRACT NO. 60X94 ILLINOIS FED. AID PROJECT

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION. UNAUTHORIZED DISCLOSURE IS PROHIBITED.

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OWNER: CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
BUREAU OF BRIDGES AND TRANSIT
30 N. LASALLE STREET, SUITE 500
CHICAGO, ILLINOIS 60602
1-312-744-3920

ENGINEER: MWH AMERICAS, INC.
175 WEST JACKSON BLVD., SUITE 1900
CHICAGO, ILLINOIS 60604
1-312-831-3000

SECTION 1.0 SCOPE OF WORK

A NEW CONCRETE LINER SHALL BE CONSTRUCTED WITHIN THE W. QUINCY ST. CHICAGO FREIGHT TUNNEL IN ACCORDANCE WITH THESE DRAWINGS. AS A MEANS OF DELIVERING THE CONCRETE, A STEEL CASING AND MANHOLE WILL BE INSTALLED ON QUINCY STREET TO THE FREIGHT TUNNEL. A PORTION OF THE W. JACKSON BLVD. AND W. RANDOLPH ST. CHICAGO FREIGHT TUNNELS SHALL BE FILLED WITH A FLOWABLE FILL MATERIAL IN ACCORDANCE WITH THESE DRAWINGS. THE PROJECT SITE IS LOCATED WITHIN THE W. JACKSON BLVD., W. QUINCY ST., AND W. RANDOLPH ST. CHICAGO FREIGHT TUNNELS, BETWEEN HALSTED ST. AND DESPLAINES ST.

ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE DRAWINGS.

SECTION 2.0 GENERAL SPECIFICATIONS AND INSTRUCTIONS

2.01 THE CONTRACTOR SHALL PROVIDE SUCH PLANS, SPECIFICATIONS, DRAWINGS, COMPLETED APPLICATION FORMS AND INFORMATION NECESSARY TO SECURE ALL PERMITS AS REQUIRED BY THE CHICAGO DEPARTMENT OF TRANSPORTATION (CDOT) FOR REGULATED WORK WITHIN THE FREIGHT TUNNEL SYSTEM. A CHICAGO FREIGHT TUNNEL TEMPORARY ACCESS AGREEMENT AND A CHICAGO FREIGHT TUNNEL INTERIOR CONSTRUCTION AND MAINTENANCE AGREEMENT SHALL BE EXECUTED ON BEHALF OF THE CONTRACTOR. A PERMIT FOR PENETRATION AND INTERIOR CONSTRUCTION IN THE CHICAGO FREIGHT TUNNEL SYSTEMS MUST BE ISSUED BY THE BUREAU OF BRIDGES AND TRANSIT, CDOT. WORK SHALL NOT BE STARTED PRIOR TO ACQUISITION OF ALL REQUIRED PERMITS.

2.02 COPIES OF THE PLANS, INSTRUCTIONS AND SPECIFICATIONS SHALL BE FORWARDED TO THE CHICAGO DEPARTMENT OF TRANSPORTATION, 30 NORTH LASALLE STREET, SUITE 500, CHICAGO, ILLINOIS 60602-2570 FOR EVALUATION AND COMMENTS. ALTERATIONS AND SUGGESTED CHANGES SHALL BE RESOLVED PRIOR TO THE START OF ANY WORK UNDER THIS PROJECT.

2.03 USE OF PUBLIC WAY AND/OR TEMPORARY PUBLIC WAY CLOSURE AND STREET OPENING PERMITS SHALL BE OBTAINED FROM THE CONSTRUCTION COMPLIANCE DIVISION, BUREAU OF INSPECTIONS, DEPARTMENT OF TRANSPORTATION, PRIOR TO ANY WORK REQUIRING SUCH ACTION.

CONSTRUCTION ALONG EXISTING ROADWAYS SHALL BE COORDINATED WITH THE CHICAGO DEPARTMENT OF TRANSPORTATION AND THE OWNER TO INSURE THAT THE CONVENIENCE AND SAFETY OF THE GENERAL PUBLIC AND OF RESIDENTS ALONG THE ROADWAY PROVIDED FOR IN AN ADEQUATE AND SATISFACTORY MANNER. AT NO TIME SHALL THE EXISTING ROADWAYS BE CLOSED TO TRAFFIC, UNLESS APPROVED BY THE OWNER, THE ENGINEER, AND THE CHICAGO DEPARTMENT OF TRANSPORTATION. DURING CONSTRUCTION OPERATIONS, ACCESS SHALL BE PROVIDED TO PRIVATE PROPERTY ALONG THE EXISTING ROADWAYS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ADEQUATE SIGNS, BARRICADES, AND WARNING DEVICES TO INFORM AND PROTECT THE PUBLIC. THE COST OF FURNISHING AND MAINTAINING SIGNS, BARRICADES, AND WARNING DEVICES SHALL BE INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.

2.04 PROJECT DATUM: ELEVATIONS SHOWN ON THESE DRAWINGS ARE REFERENCED TO CHICAGO CITY DATUM 0.00 = 579.48' MEAN SEA LEVEL, 1929.

2.05 ALL DIMENSIONS SHOWN ON THESE DRAWINGS ARE IN FEET AND INCHES.

SECTION 3.0 TUNNEL LOCATIONS

THE HORIZONTAL AND VERTICAL DIMENSIONS OF THE TUNNEL ARE AS ESTABLISHED IN THE CHICAGO FREIGHT TUNNEL ATLAS. DIMENSIONS ARE NOT TO BE ASSUMED OR SCALED FROM THE PLANS AND ACTUAL DIMENSIONS SHALL BE DETERMINED BY FIELD MEASUREMENTS TO BE PERFORMED BY THE CONTRACTOR.

ISSN.	CHK.	REVISED
CHD.	PRB	
DNL	WCC	ZJM
CHD.	MJC	
SUBJ.	HB	ELECT.
PROJECT MANAGER: HERBERT BERG		

SECTION 4.0 WORK

4.01 THE CONTRACTOR SHALL INVESTIGATE THE PROJECT, PLANS, SPECIFICATIONS, INSTRUCTIONS, SITE, UTILITIES, TRAFFIC CONDITIONS, MATERIAL, LABOR, EXCAVATION, RESTORATION AND REQUIRED SAFETY PRECAUTIONS INVOLVED WITH THIS PROJECT. ANY QUESTIONS OR CONCERNS THE CONTRACTOR MAY HAVE ARE TO BE DISCUSSED WITH THE OWNER AND ENGINEER PRIOR TO CONSTRUCTION.

4.02 THE CONTRACTOR SHALL PROVIDE ALL MATERIAL, EQUIPMENT, LABOR, INSTALLATION, RESTORATION, UTILITY RELOCATION CHARGES, AND JOB SITE DELIVERY COSTS TO COMPLETE THE DESCRIBED AND ILLUSTRATED WORK UNDER THIS CONTRACT.

4.03 ANY CHANGE-ORDER REQUEST MUST BE PRESENTED IN WRITING TO THE OWNER AND APPROVED PRIOR TO PROCEEDING WITH THE REQUESTED CHANGE. DOCUMENTATION CONCERNING ANY AND ALL CHANGE ORDERS SHALL BE REDUCED TO FORMAL RECORD, BE FILED WITH THE OWNER AND BE MADE AVAILABLE FOR FUTURE REFERENCE.

4.04 ACCUMULATION OF DEBRIS MATERIAL SHALL NOT BE ALLOWED WITHIN THE TUNNEL SITE. THIS DEBRIS MATERIAL SHALL BE REMOVED FROM THE WORK SITE AT LEAST ONCE PER WEEK. THIS PROVISION SHALL BE CONTINGENT UPON THE ORIGINAL INSPECTION OF THE WORK.

4.05 THE CONTRACTOR SHALL ARRANGE TO FILL ENCOUNTERED HOLES WITH SELECT BACKFILL MATERIAL, AS DIRECTED BY THE AGREEMENT FOR WORK IN THE TUNNEL. THE CONTRACTOR MAY BE REQUIRED TO REMOVE EXISTING ACCESS MATERIAL OR DEBRIS AS DIRECTED BY THE CHICAGO DEPARTMENT OF TRANSPORTATION. PAYMENT FOR THIS WORK SHALL BE A NEGOTIATED FEE PAYABLE BY THE OWNER.

4.06 SAFE WORKING PRACTICES SHALL BE CONTINUOUSLY DEMONSTRATED BY THE CONTRACTOR. THE TUNNEL ENVIRONMENT IS TO BE CONSIDERED HOSTILE AND DUE CAUTION SHALL BE EXERCISED IN ALL MANNERS OF WORK PERFORMANCE AND INSPECTION. AS A MINIMUM, THE CONTRACTOR SHALL CONFORM TO THE SAFETY PROCEDURES AS STATED IN THE CHICAGO FREIGHT TUNNEL TEMPORARY ACCESS AGREEMENT.

THE SITE AND THE IMMEDIATELY ADJACENT AREA SHALL BE MADE SAFE FOR WORKMEN, PEDESTRIANS, INSPECTORS, OWNER REPRESENTATIVES, AND THOSE PERSONS GRANTED ACCESS AND MAINTENANCE RIGHTS IN THE TUNNEL.

4.07 THE ENGINEER SHALL NOT BE RESPONSIBLE NOR ASSUME LIABILITY FOR NEGLIGENT ACTS, ERRORS, OR OMISSIONS OF CONTRACTOR, ANY SUBCONTRACTOR, OR ANY OF THE CONTRACTOR'S OR SUBCONTRACTOR'S AGENTS OR EMPLOYEES, OR ANY OTHER PERSONS AT THE PROJECT SITE, OR OTHERWISE PERFORMING ANY OF THE WORK ON THE PROJECT. CONTRACTOR SHALL BE RESPONSIBLE FOR DEVELOPING AND MAINTAINING A COMPREHENSIVE SAFETY PROGRAM AT THE PROJECT SITE.

4.08 NEITHER THE PROFESSIONAL ACTIVITIES OF THE ENGINEER, NOR THE PRESENCE OF THE ENGINEER OR ITS EMPLOYEES OR SUBCONSULTANTS AT THE CONSTRUCTION SITE, SHALL RELIEVE ANY CONTRACTOR OF ITS OBLIGATIONS, DUTIES OR RESPONSIBILITIES INCLUDING, BUT NOT LIMITED TO, CONSTRUCTION MEANS, METHODS, SEQUENCE, TECHNIQUES OR PROCEDURES NECESSARY FOR PERFORMING, SUPERINTENDING OR COORDINATING THE WORK OF CONSTRUCTION IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND ALL HEALTH OR SAFETY PRECAUTIONS REQUIRED BY THE CONTRACT, APPLICABLE LAW OR ANY REGULATORY AGENCY HAVING JURISDICTION OVER THE CONSTRUCTION, OR BE DEEMED TO CONFER ANY SUCH OBLIGATIONS, DUTIES OR RESPONSIBILITIES UPON THE ENGINEER. THE ENGINEER AND ITS PERSONNEL OR SUBCONTRACTORS HAVE NO AUTHORITY TO EXERCISE ANY CONTROL OVER ANY CONSTRUCTION CONTRACTOR OR OTHER ENTITY OR THEIR EMPLOYEES IN CONNECTION WITH ANY HEALTH OR SAFETY PRECAUTIONS.

4.09 THE CONTRACTOR SHALL RESTORE ALL DAMAGED STRUCTURES AND UTILITIES TO THE SATISFACTION OF THE OWNERS REPRESENTATIVE.

4.10 THE CONTRACTOR SHALL PROVIDE A MINIMUM 24 HOURS ADVANCED NOTICE PRIOR TO COMMENCEMENT OF ANY WORK WITHIN THE TUNNELS AND A MINIMUM 48 HOURS NOTICE PRIOR TO ANY PENETRATION OF THE EXISTING TUNNEL LINING. NOTICE SHALL BE GIVEN TO MR. JAMES J. MADIA, CDOT, AT (312) 744-3920.

4.11 ARRANGEMENTS OF PERIODIC INSPECTIONS DURING CONSTRUCTION SHALL BE MADE WITH CDOT, WHO SHALL DETERMINE THE FREQUENCY WITH WHICH SUCH CONSTRUCTION INSPECTIONS ARE TO BE MADE. THE CONTRACTOR SHALL ARRANGE FOR CDOT TO ACCOMPANY THE OWNER ON A FINAL INSPECTION IN COMPLIANCE WITH SECTION 9, PARAGRAPH D, OF THE TUNNEL AGREEMENT.

4.12 RESTORATION SHALL BE IN ACCORDANCE WITH THE RECOMMENDED PRACTICES AND REQUIREMENTS OF THE CHICAGO DEPARTMENT OF TRANSPORTATION AND THE PERMITS ISSUED.

SECTION 5.0 GENERAL NOTES FOR CONCRETE

5.01 FORMWORK SHALL BE DESIGNED IN ACCORDANCE WITH THE METHODOLOGY OF ACI 347 "GUIDE TO FORMWORK FOR CONCRETE" FOR ANTICIPATED LOADS, LATERAL PRESSURES, AND STRESSES INCLUDING THE PRESSURES RESULTING FROM PLACEMENT AND VIBRATION OF CONCRETE.

5.02 FORMS FOR EXPOSED SURFACES SHALL BE LINED WITH OR CONSTRUCTED OF PLYWOOD SHEATHING, TEMPERED CONCRETE FORM HARDBOARD, OTHER APPROVED CONCRETE FORM MATERIAL, OR STEEL, EXCEPT THAT STEEL LINING ON WOOD SHEATHING SHALL NOT BE USED.

5.03 FORMWORK FOR PARTS NOT SUPPORTING THE WEIGHT OF CONCRETE MAY BE REMOVED WHEN THE CONCRETE HAS ATTAINED SUFFICIENT STRENGTH TO RESIST DAMAGE FROM THE REMOVAL OPERATION BUT NOT BEFORE AT LEAST 24 HOURS HAS ELAPSED SINCE CONCRETE PLACEMENT. SUPPORTING FORMS OR SHORES SHALL NOT BE REMOVED BEFORE THE CONCRETE STRENGTH HAS REACHED 70 PERCENT OF DESIGN STRENGTH, AS DETERMINED BY FIELD CURED CYLINDERS OR OTHER APPROVED METHODS.

5.04 ALL REINFORCEMENT FABRICATION, PLACEMENT AND DETAILING INCLUDING DEVELOPMENT LENGTHS, SPLICING AND CONCRETE COVER SHALL BE IN ACCORDANCE WITH ACI 315 "ACI DETAILING MANUAL: SECTION DETAILS AND DETAILING OF CONCRETE REINFORCEMENT" AND ACI 318 "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE AND COMMENTARY" UNLESS OTHERWISE NOTED.

5.05 CONTRACTOR SHALL SUBMIT SHOP DRAWINGS WHICH INCLUDE REINFORCEMENT STEEL PLACEMENT DRAWINGS AND SCHEDULES TO THE ENGINEER FOR APPROVAL.

5.06 REINFORCEMENT BARS SHALL BE EPOXY COATED DEFORMED BILLET STEEL BARS CONFORMING TO ASTM A 615 AND ASTM A 775 OR ASTM A 934, GRADE 60 WITH Fy=60,000 PSI. ALL REINFORCEMENT ACCESSORIES SHALL BE EPOXY COATED.

5.07 HOOPS AND BENDS SHALL CONFORM TO ACI 315.

5.08 AT THE TIME OF CONCRETE PLACEMENT, ALL STEEL SHALL BE FREE FROM LOOSE, FLAKY RUST, SCALE (EXCEPT TIGHT MILL SCALE), MUD, OIL, GREASE OR ANY OTHER COATING THAT MIGHT REDUCE THE BOND WITH CONCRETE.

5.09 ALL STEEL SHALL BE RIGIDLY SECURED IN PLACE SO THAT IT WILL NOT MOVE OR BULGE FROM ITS PROPER LOCATION DURING FORMING, CONCRETE PLACEMENT AND CONSOLIDATION.

5.10 REINFORCEMENT LAPS SHALL BE STAGGERED.

5.11 STEEL BARS SHALL NOT BE WELDED.

5.12 REBAR COUPLERS MAY BE SUBSTITUTED FOR LAP SPLICES AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

5.13 ALL CONCRETE WORK SHALL CONFORM TO THE REQUIREMENTS OF THE CURRENT ACI 301 "STANDARD SPECIFICATION FOR STRUCTURAL CONCRETE" AND THE CURRENT ACI 318 "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE." COLD WEATHER CONCRETING SHALL BE PERFORMED IN ACCORDANCE WITH ACI 306.

5.14 CONTRACTOR QUALITY CONTROL PERSONNEL ASSIGNED TO CONCRETE CONSTRUCTION SHALL BE AMERICAN CONCRETE INSTITUTE (ACI) CERTIFIED WORKMEN IN ONE OF THE FOLLOWING GRADES OR SHALL HAVE WRITTEN EVIDENCE OF HAVING COMPLETED SIMILAR QUALIFICATION PROGRAMS: CONCRETE FIELD TESTING TECHNICIAN GRADE I; CONCRETE LABORATORY TESTING TECHNICIAN GRADE I OR II; CONCRETE CONSTRUCTION INSPECTOR LEVEL II; CONCRETE TRANSPORTATION CONSTRUCTION INSPECTOR; OR REINFORCED CONCRETE SPECIAL INSPECTOR JOINTLY CERTIFIED BY AMERICAN CONCRETE INSTITUTE (ACI), BUILDING OFFICIAL AND CODE ADMINISTRATORS INTERNATIONAL (BOCA), INTERNATIONAL CONFERENCE OF BUILDING OFFICIALS (ICBO), AND SOUTHERN BUILDING CODE CONGRESS INTERNATIONAL (SBCCI).

5.15 STRUCTURAL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH f'c OF 4000 PSI AT 28 DAYS WITH A MINIMUM SLUMP OF 1 INCH AND A MAXIMUM SLUMP OF 3 INCHES, UNLESS OTHERWISE NOTED ON THE DRAWINGS.

5.16 COMPRESSIVE STRENGTH SHALL BE DETERMINED IN ACCORDANCE WITH ASTM C 39.

5.17 SLUMP OF THE CONCRETE SHALL BE DETERMINED IN ACCORDANCE WITH ASTM C 143.

5.18 THE MAXIMUM WATER-CEMENTITIOUS MATERIALS RATIO (w/c) BY WEIGHT FOR CONCRETE SHALL BE 0.45.

5.19 ALL CONCRETE SHALL BE AIR ENTRAINED TO CONTAIN BETWEEN 4 AND 7 PERCENT TOTAL AIR. AIR CONTENT SHALL BE DETERMINED IN ACCORDANCE WITH ASTM C 231.

5.20 WHEN A PLASTICIZING ADMIXTURE OR WHEN A TYPE F OR G HIGH RANGE WATER REDUCING ADMIXTURE CONFORMING TO ASTM C 494 IS USED TO INCREASE THE SLUMP OF CONCRETE, THE CONCRETE SHALL HAVE A SLUMP OF 2 TO 4 INCHES BEFORE THE ADMIXTURE IS ADDED AND A MAXIMUM SLUMP OF 8 INCHES AT THE POINT OF DELIVERY AFTER THE ADMIXTURE IS ADDED.

5.21 TOLERANCES SHALL BE AS DEFINED IN ACI 117/117R "STANDARD TOLERANCES FOR CONCRETE CONSTRUCTION AND MATERIALS."

OUIC NO. 27008

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
CHICAGO, ILLINOIS
CHICAGO FREIGHT AND TROLLEY TUNNEL SYSTEMS
W. JACKSON BLVD., W. QUINCY ST., & W. RANDOLPH ST. FREIGHT TUNNEL REMEDIATION
GENERAL NOTES
SHEET 1 OF 2
PREPARED BY:
 MWH
CHICAGO, ILLINOIS DATE APR. 2003 DWG. NO. 1001605B-G2

REV. NO.	DWG. TRANSMITTAL LETTER NO.	DATE	NATURE OF REVISION	BY	CHKD.	APPD.
2		9-12-03	RECORD DRAWING	DAM	JRK	PRB
1		5-12-03	REPLACED STEEL SETS WITH CONCRETE LINER ON QUINCY & FLOWABLE FILL ON RANDOLPH	MJC	PRB	ZJM
		4-16-03	ISSUED FOR CONSTRUCTION			

D160X94-SHT-EX-TUNNEL-06.dgn	DESIGNED - JLV	REVISED -
USER NAME = vjjanachione	DRAWN - MKW	REVISED -
PLOT SCALE = 100.0000' / 1"	CHECKED - JMG	REVISED -
PLOT DATE = 3/6/2020	DATE - 3-13-2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

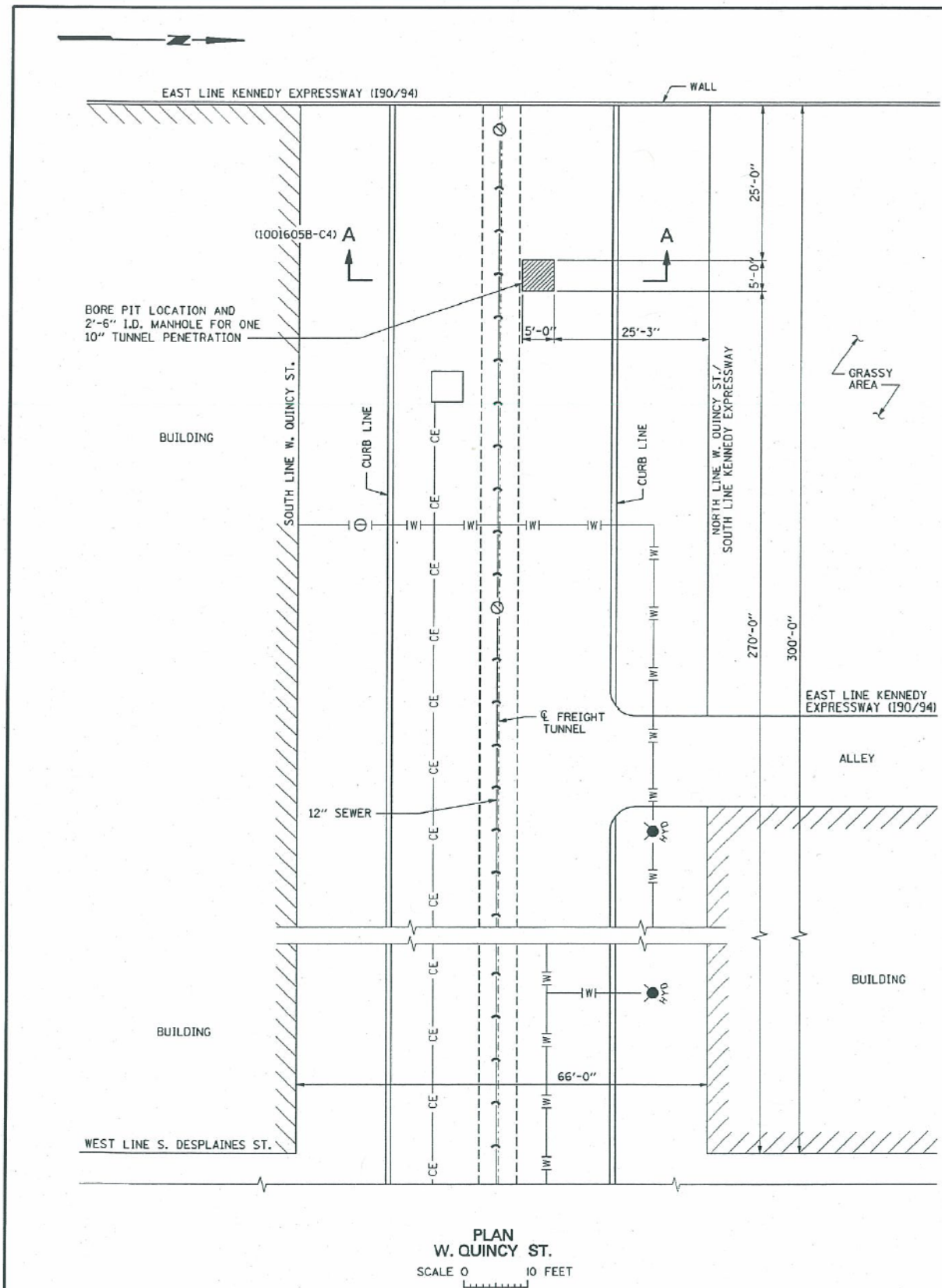
EXISTING FREIGHT TUNNEL PLANS

SCALE: NONE SHEET 6 OF 7 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2014-015R&B-R	COUNTY COOK	TOTAL SHEETS 825	SHEET NO. 192
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				



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PLAN
W. QUINCY ST.
SCALE 0 10 FEET

DESIGNED		REVIEWED	
CHKD.	MKW	CIVL	OK
DNW.	HER	MECH	
CHKD.	DAM	ELECT.	
SUBM.	HS		

PROJECT MANAGER HERBERT BERG
FILE: R:\1001605\1001605C\1001605b-c3a.dgn

REFERENCE DRAWINGS:

WORK THIS DRAWING WITH 1001605B-C1 THROUGH C3, C1, C2 AND C4

NOTES:

- "DIGGER" IS TO BE NOTIFIED 48 HOURS PRIOR TO THE START OF ANY WORK ON THIS PROJECT (1-312-744-7000). THE CONTRACTOR IS CAUTIONED TO EXPECT TO ENCOUNTER UNRECORDED UTILITIES DURING EXCAVATION. DUE CAUTION AND HAND-DIGGING SHALL BE EXERCISED IN CLOSE PROXIMITY TO INDICATED UNDERGROUND UTILITIES.
- MANHOLE FRAME AND COVER SHALL BE NEENAH FRAME R-1710 AND OPEN GRATE R-2090 TYPE A WITH LOCKING DEVICE J. THE VENT OPENINGS AT THE LOCKING DEVICE SHALL BE FILLED WITH STEEL TO PREVENT TAMPERING WITH THE LOCKING DEVICE AND UNAUTHORIZED ENTRY. THE LID SHALL BE FLUSH WITH THE SURROUNDING PAVEMENT.
- A PILOT HOLE WILL BE DRILLED FOR EACH BORE HOLE THAT WILL PENETRATE THE FREIGHT TUNNEL. THIS PILOT HOLE SHALL BE BORED TO PROVIDE PROPER BIT ALIGNMENT. THE PILOT HOLE SHALL NOT BE LESS THAN ONE AND ONE HALF INCHES (1 1/2"), NOR EXCEED THREE AND ONE HALF INCHES (3 1/2"), IN OUTSIDE DIAMETER. THE PILOT HOLE SHALL BE DRILLED WITH A ROTATING TRI-CONE BIT AND DRILL ROD EXTENSIONS OF IDENTICAL SIZE AND OUTSIDE DIAMETER. THE PILOT DRILL BIT AND ROD EXTENSIONS MAY BE LUBRICATED DURING DRILLING OPERATIONS. THE DRILL HEAD AND RODS SHALL NOT BE WITHDRAWN MORE THAN ONE BIT DIAMETER LENGTH AFTER BEING AUGERED INTO PLACE WITHOUT THE USE OF BENTONITE SLURRY, AS HEREAFTER DESCRIBED.
- THE PILOT HOLE SHALL BE DRILLED TO WITHIN A CAUTION-DISTANCE OF APPROXIMATELY FIFTEEN INCHES (15") OF THE TUNNEL CROWN. DRILLING OPERATIONS SHALL STOP AT THE CALCULATED CAUTION DISTANCE TO PREPARE FOR SOUND LEVEL MONITORING FROM WITHIN THE TUNNEL. DRILLING SHALL NOT RESUME UNTIL THE APPROXIMATE DRILL BIT LOCATION HAS BEEN ESTIMATED FROM SOUND MONITORING RESULTS, AND APPROVED BY THE ENGINEER. ANY MISALIGNED, FAILED AND ABANDONED PILOT HOLES WILL BE COMPLETELY FILLED WITH NON-SHRINK CEMENT MORTAR.
- AFTER THE ALIGNMENT OF THE PILOT HOLE HAS BEEN CONFIRMED AND APPROVED BY THE ENGINEER, THE PILOT HOLE DRILL BIT AND EXTENSION RODS SHALL BE WITHDRAWN. BORING OPERATIONS FOR THE CASING PIPE MAY THEN PROCEED. THE CASING INSTALLATION SHALL BE ACCOMPLISHED BY DRILLING AND SEATING A STEEL FLUSH JOINT CASING PIPE INTO THE FREIGHT TUNNEL LINING. CASING INSTALLATION AND BORING SHALL BE MONITORED FOR TRANSMITTED SOUND LEVEL WITHIN THE FREIGHT TUNNEL. THE CASING PIPE SHALL ADVANCE TO PARTIALLY PENETRATE AND KEY THE CASING PIPE INTO THE FREIGHT TUNNEL LINING BY NO MORE THAN THREE INCHES (3").
- THE CASING SHALL THEN BE CLEANED OUT AND THE BOTTOM OF THE CASING FILLED WITH 1-FOOT OF CEMENT-BENTONITE GROUT AT THE TUNNEL CROWN.
- UPON SET-UP OF THE BENTONITE-CEMENT GROUT, A TUNNEL LINING PENETRATION SHALL BE MADE BY BORING THROUGH THE CASING INTO THE FREIGHT TUNNEL CROWN. ALL DEBRIS ENTERING THE FREIGHT TUNNEL AS A RESULT OF THE GROUT/VENT HOLE DRILLING AND TUNNEL PENETRATION SHALL BE THOROUGHLY CLEANED IMMEDIATELY AFTER THE PENETRATION IS COMPLETE.
- PRECAST REINFORCED CONCRETE MANHOLE SECTION SHALL CONFORM TO ASTM C478.
- BACKFILL UNDER THE MANHOLE SHALL BE COMPACTED TO AT LEAST 95% OF THE MAXIMUM DENSITY DETERMINED IN ACCORDANCE WITH THE STANDARD PROCTOR TEST.
- EXISTING PAVEMENT AND ASPHALT SURFACES SHALL BE REPLACED OR REPAIRED IN ACCORDANCE WITH THE CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION STANDARDS.
- CONTRACTOR SHALL PROTECT SEWER LINES AND MANHOLES, CATCH BASINS, LATERALS AND INLETS.
- CITY OF CHICAGO - DEPARTMENT OF WATER MANAGEMENT - SEWERS SHALL BE NOTIFIED PRIOR TO THE START OF CONSTRUCTION AT (312) 747-7047.
- CONTRACTOR SHALL PROVIDE BARRICADING TO INSURE CORRECT TRAFFIC CONTROL PER THE CHICAGO DEPARTMENT OF TRANSPORTATION REGULATIONS FOR OPENINGS, CONSTRUCTION AND REPAIR IN THE PUBLIC WAY.
- CONTRACTOR SHALL MAINTAIN VEHICULAR TRAFFIC AT ALL TIMES.
- RESTORATION OF THE ROADWAY SHALL BE IN COMPLIANCE WITH CHICAGO DEPARTMENT OF TRANSPORTATION STANDARDS.
- THE UNDERGROUND UTILITY LOCATIONS SHOWN ON THIS DRAWING ARE APPROXIMATE. EXACT UTILITY LOCATIONS SHALL BE IDENTIFIED IN THE FIELD DURING A MEETING OF THE CDOT OFFICE OF UNDERGROUND COORDINATION MEMBERS WHICH SHALL BE ARRANGED BY CDOT. CONSTRUCTION SHALL NOT START UNTIL AFTER THIS MEETING HAS BEEN HELD.

OUC NO. 27008

CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION CHICAGO, ILLINOIS	
CHICAGO FREIGHT AND TROLLEY TUNNEL SYSTEMS W. JACKSON BLVD., W. QUINCY ST., & W. RANDOLPH ST. FREIGHT TUNNEL REMEDIATION	
FREIGHT TUNNEL LINING PENETRATION PLAN AND NOTES	
PREPARED BY: MWH	
CHICAGO, ILLINOIS	DATE: MAY 2003
DWG. NO. 1001605B-C3	

REV. NO.	DWG. TRANSMITTAL LETTER NO.	DATE	NATURE OF REVISION	BY	CHKD.	APPD.
1		9-12-03	RECORD DRAWING	DAM	JRK	FRB
2		5-12-03	ISSUED FOR CONSTRUCTION			

RECORD DRAWING



D160X94-SHT-EX-TUNNEL-07.dgn
USER NAME = v1janachione
PLOT SCALE = 100.0000' / in.
PLOT DATE = 3/6/2020

DESIGNED - JLV
DRAWN - MKW
CHECKED - JMG
DATE - 3-13-2020

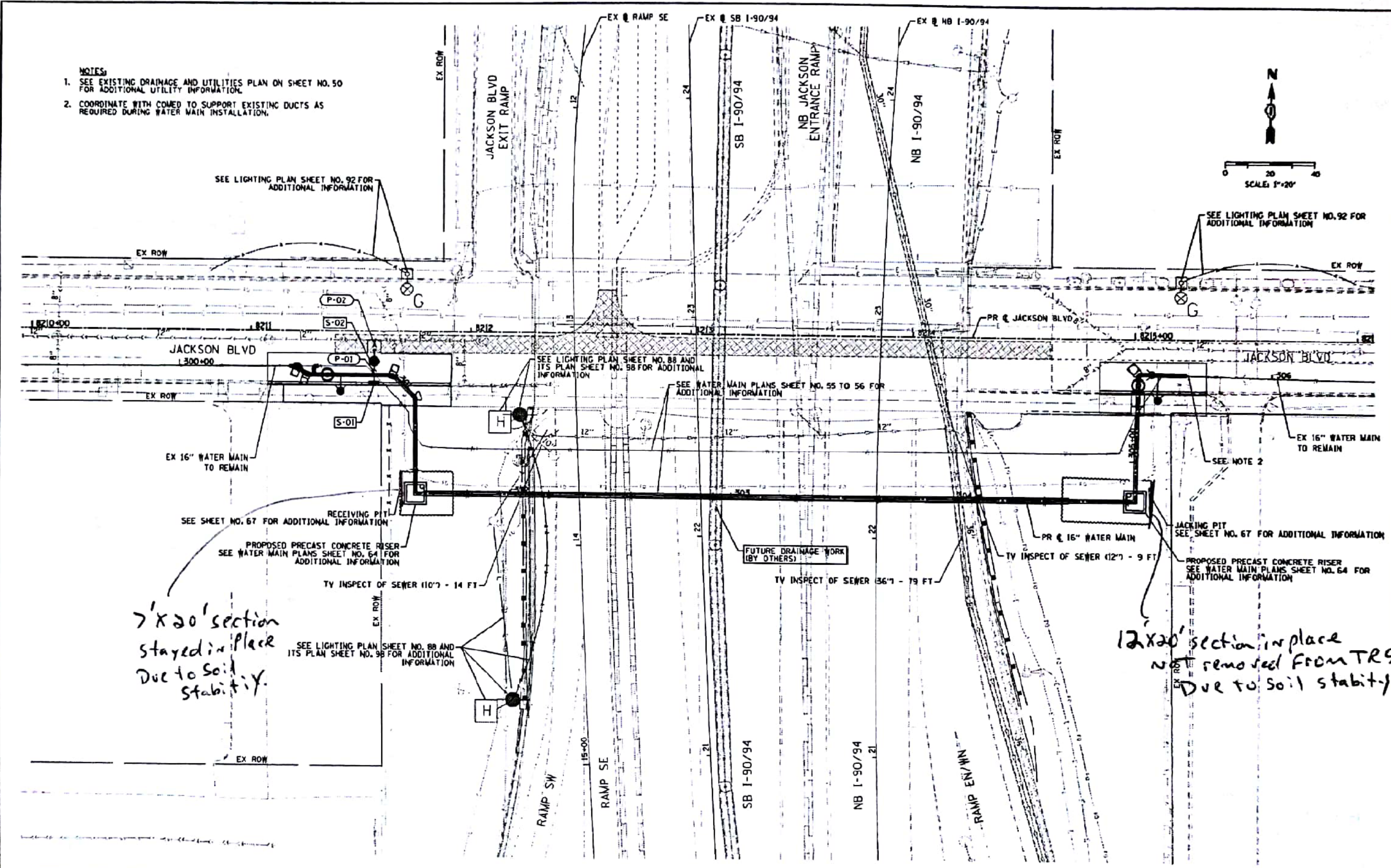
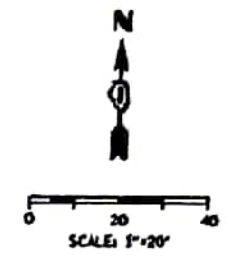
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING FREIGHT TUNNEL PLANS

SCALE: NONE SHEET 7 OF 7 SHEETS STA. TO STA.

F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	193
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				

- NOTES:**
1. SEE EXISTING DRAINAGE AND UTILITIES PLAN ON SHEET NO. 50 FOR ADDITIONAL UTILITY INFORMATION.
 2. COORDINATE WITH COMED TO SUPPORT EXISTING DUCTS AS REQUIRED DURING WATER MAIN INSTALLATION.



7'x20' section stayed in place due to soil stability.

12'x20' section in place not removed from TRS due to soil stability.



DESIGNED - AFC	REVISED -
DRAWN - AFC	REVISED -
CHECKED - WJE	REVISED -
DATE - 03/21/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE AND UTILITIES PLAN
JACKSON BOULEVARD
SCALE: 1" = 20' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-021-1	COOK	193	51
CONTRACT NO. 62AT5				



D160X94-SHT-WATERMAIN-01.dgn	DESIGNED -	REVISED -
USER NAME = v1janachione	DRAWN - NLD	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 3/6/2020	DATE - 3-13-2020	REVISED -

DESIGNED -	REVISED -
DRAWN - NLD	REVISED -
CHECKED - JMG	REVISED -
DATE - 3-13-2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING WATER MAIN PLANS
JACKSON BOULEVARD
SCALE: NONE SHEET 1 OF 17 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	194
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				

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WATER MAIN GENERAL NOTES:


1. LOCATION OF UTILITIES AND PROPERTY LINES ARE FROM THE BEST INFORMATION AVAILABLE. EXACT LOCATION AND COMPLETENESS ARE NOT GUARANTEED.
2. THE CONTRACTOR SHALL VERIFY THE LOCATION OF UNDERGROUND UTILITIES WITH THE UTILITY OWNERS PRIOR TO DOING ANY WORK IN THE VICINITY. THE CONTRACTOR SHALL COMPLY WITH REQUIREMENTS OF UTILITY OWNERS REGARDING NOTICE OF WORK AND PROTECTION OF UTILITIES. THE CONTRACTOR SHALL COMPLY WITH THE CITY OF CHICAGO, DEPARTMENT OF TRANSPORTATION DAMAGE PREVENTION PROTOCOL CITY INFRASTRUCTURE DEPARTMENTS. ALL UTILITIES SHALL BE NOTIFIED AT LEAST 48 HOURS BEFORE CONSTRUCTION. (CALL DIGGER 312-744-7000)
3. IF ANY PUBLIC OR PRIVATE UTILITIES CROSS THE WATER MAIN TRENCH AND SHALL REMAIN IN PLACE, THE CONTRACTOR SHALL PROTECT SAID UTILITY IN CONFORMANCE WITH THE SPECIAL PROVISIONS OR AS DIRECTED BY THE ENGINEER.
4. TEST PITS SHALL BE EXCAVATED IN ADVANCE OF PIPELINE CONSTRUCTION IN ORDER TO CONFIRM DEPTH AND LOCATION OF EXISTING UTILITIES AND WHEN DIRECTED BY THE ENGINEER. NO ADDITIONAL PAYMENT WILL BE MADE FOR TEST PIT EXCAVATION.
5. WORK INDICATED ON THE PLANS AND NOT REFERENCED TO A BID ITEM SHALL BE CONSIDERED INCLUDED WITHIN THE BID ITEM TO THE WORK TO WHICH IT APPLIES AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
6. WATER MAIN AND FITTINGS LOCATIONS SHOWN ON THE DRAWINGS FOR THE NEW WATER MAINS AND APPURTENANCES MAY BE CHANGED BY THE ENGINEER DUE TO FIELD CONDITIONS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR SUCH CHANGES, UNLESS PREVIOUSLY APPROVED BY THE ENGINEER.
7. THE OPERATION OF ALL VALVES REQUIRED FOR SHUTDOWN SHALL BE PERFORMED BY CHICAGO DEPARTMENT OF WATER MANAGEMENT (CDWM) FORCES PURSUANT TO A 72 HOUR ADVANCE NOTIFICATION TO THE DEPARTMENT. ANY VALVE FOUND NOT OPERABLE WILL BE REPAIRED OR REPLACED BY CDWM.
8. REMOVE AND PROPERLY DISPOSE OF ALL WATER ENTERING ANY EXCAVATION INCLUDING LEAKAGE FROM EXISTING WATER MAINS. ALL EXCAVATIONS ASSOCIATED WITH THE WATER MAIN WORK SHALL BE KEPT DRY.
9. ALL OPENINGS IN EXISTING WATER MAINS SHALL BE PLUGGED OR CAPPED WITH DUCTILE IRON FITTINGS UNTIL THE MAIN IS ABANDONED OR RECONNECTED.
10. ALL VALVE BASINS SHALL BE CONSTRUCTED OF PRE-CAST REINFORCED CONCRETE UNLESS DIRECTED OTHERWISE BY THE ENGINEER.
11. NOTES INDICATING S.N.L., E.W.L., ETC. MEAN SOUTH OF THE NORTH PROPERTY LINE, EAST OF THE WEST PROPERTY LINE, ETC. AND ARE MEASURED FROM THE NEAREST STREET.
12. IF A STANDARD MECHANICAL JOINT SLEEVE DOES NOT FIT TO MAKE CONNECTION OF THE NEW PIPE TO THE EXISTING PIPE, A TRANSITION SLEEVE MUST BE USED. NO GRINDING OF THE EXISTING PIPE IS PERMITTED.
13. ALL PIPE AND FITTINGS SHALL BE RESTRAINED MECHANICAL JOINT.
14. USE FILLER PIECES OF PIPE TO FILL THE AREA BETWEEN PIPE ENDS WHEN INSTALLING SLEEVE FITTINGS.
15. ON CONNECTIONS TO EXISTING CAST IRON PIPES, USE CAUTION WHEN INSTALLING MJ SLEEVES. SET SCREW TYPE RESTRAINT GLANDS (E.G. RETAINER GLANDS) ARE NOT ACCEPTABLE. CONSULT THE SPECIAL PROVISIONS FOR JOINT RESTRAINT REQUIREMENTS.


16. SWAB ALL PIPE AND FITTINGS WITH CHLORINE SOLUTION DURING INSTALLATION AND USE EXTRA PRECAUTION TO PREVENT SOIL AND DEBRIS FROM ENTERING THE PIPE. COMPLY WITH ALL STANDARDS AND REQUIREMENTS OF THE CDWM BUREAU OF WATER QUALITY. (312) 744-8190.
17. DE-CHLORINATION OF HEAVILY CHLORINATED WATER IS REQUIRED. THE CONTRACTOR OR SUBCONTRACTED CHLORINATOR SHALL DE-CHLORINATE AS LISTED FOR "INFORMATIONAL PURPOSES ONLY" IN APPENDIX C OF THE ANSI/AWWA STANDARD C-651-05, JUNE 1, 2005. THE CHLORINE LEVEL SHALL BE BROUGHT TO POTABLE WATER LEVELS.
18. ELEVATIONS ARE SHOWN IN THE CITY OF CHICAGO DATUM AND NAVD 88. THE CONVERSION FACTOR FROM CCD TO NAVD88 IS: NAVD 88 ELEVATION = CCD + 579.19.
19. CONTRACTOR SHALL CONSTRUCT THE IMPROVEMENTS ONLY WITHIN THE RIGHT-OF-WAY OR PERMANENT EASEMENT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL DAMAGE TO PRIVATE PROPERTY AND SHALL REPAIR SAID DAMAGE AT OWN EXPENSE TO THE SATISFACTION OF THE ENGINEER.
20. ALL HORIZONTAL AND VERTICAL BENDS, TEES, VALVES AND OTHER FITTINGS MUST BE RECORDED ON THE AS-BUILTS PREPARED BY THE CONTRACTOR AND SUBMITTED TO CDWM. LOCATIONS SHALL BE REFERENCED FROM THE RIGHT-OF-WAY LINES MEASURED FROM THE NEAREST STREETS.
21. THERE ARE SEVERAL VALVE BASIN FRAMES AND COVERS AND WATER SHUT-OFF/VALVE BOXES WITHIN THE PROPOSED IMPROVEMENT LIMITS. IT IS REQUESTED THAT ANY VERTICAL ADJUSTMENT THAT MAY BE REQUIRED TO THESE FACILITIES BE INCORPORATED INTO THE CONTRACT PLANS AND SPECIFICATIONS, AND THAT THE WORK BE PERFORMED BY IDOT'S CONTRACTOR. ADDITIONALLY, ALL CURB INSTALLATION ADJACENT TO FIRE HYDRANTS MUST BE PAINTED 'SAFETY YELLOW' FOR 15 FEET ON EACH SIDE OF THE FIRE HYDRANT EXCEPT WHERE THE 15 FOOT DIMENSION INTERSECT A CROSSWALK, DRIVEWAY OR SIMILAR FEATURE. IT IS ALSO REQUESTED THAT THE FINAL PAYMENT TO THE CONTRACTOR BE WITHHELD UNTIL THE DEPARTMENT OF WATER MANAGEMENT HAS INSPECTED AND FOUND THE ADJUSTED FACILITIES ACCEPTABLE. PLEASE CONTACT MR. ALBERT WTORKOWSKI OF THE DEPARTMENT OF WATER MANAGEMENT AT aworkowski@cityofchicago.org OR BY PHONE AT (312) 744-5070 IN ORDER TO SCHEDULE THE FINAL INSPECTION OF ANY ADJUSTED WATER FACILITIES.
22. A REPRESENTATIVE OF THE DWM MUST BE ON SITE DURING EXCAVATION AROUND THE EXISTING 16-INCH WATER MAIN AS WELL AS THE CONSTRUCTION OF THE PROPOSED 16-INCH WATER MAIN. CONTACT JOHN BARBARO AT JOHN.BARBARO@CDWRWATER.NE.I TWO WEEKS PRIOR TO THE ANTICIPATED CONSTRUCTION DATE SO A DWM REPRESENTATIVE CAN BE ASSIGNED TO THE PROJECT. FAILURE TO COMPLY WITH THIS REQUIREMENT MAY RESULT IN ADDITIONAL EXPENSES TO THE PROPOSED PROJECT TO VERIFY THAT ALL WORK CONFORMS TO DWM'S STANDARDS.
23. DWM REQUIRES 5 FEET OF COVER ON ALL PROPOSED WATER MAINS WHERE POSSIBLE. INSULATION MAY BE REQUIRED IN AREAS WHERE MINIMUM COVER CANNOT BE MET.
24. WATER MAIN CONTROL VALVE-48 INCH BUTTERFLY VALVE SHALL BE AN ADVANCE PROCUREMENT FOR CONTRACT 62A74. SEE SPECIAL PROVISIONS AND SHEET NO. 63 FOR ADDITIONAL INFORMATION.

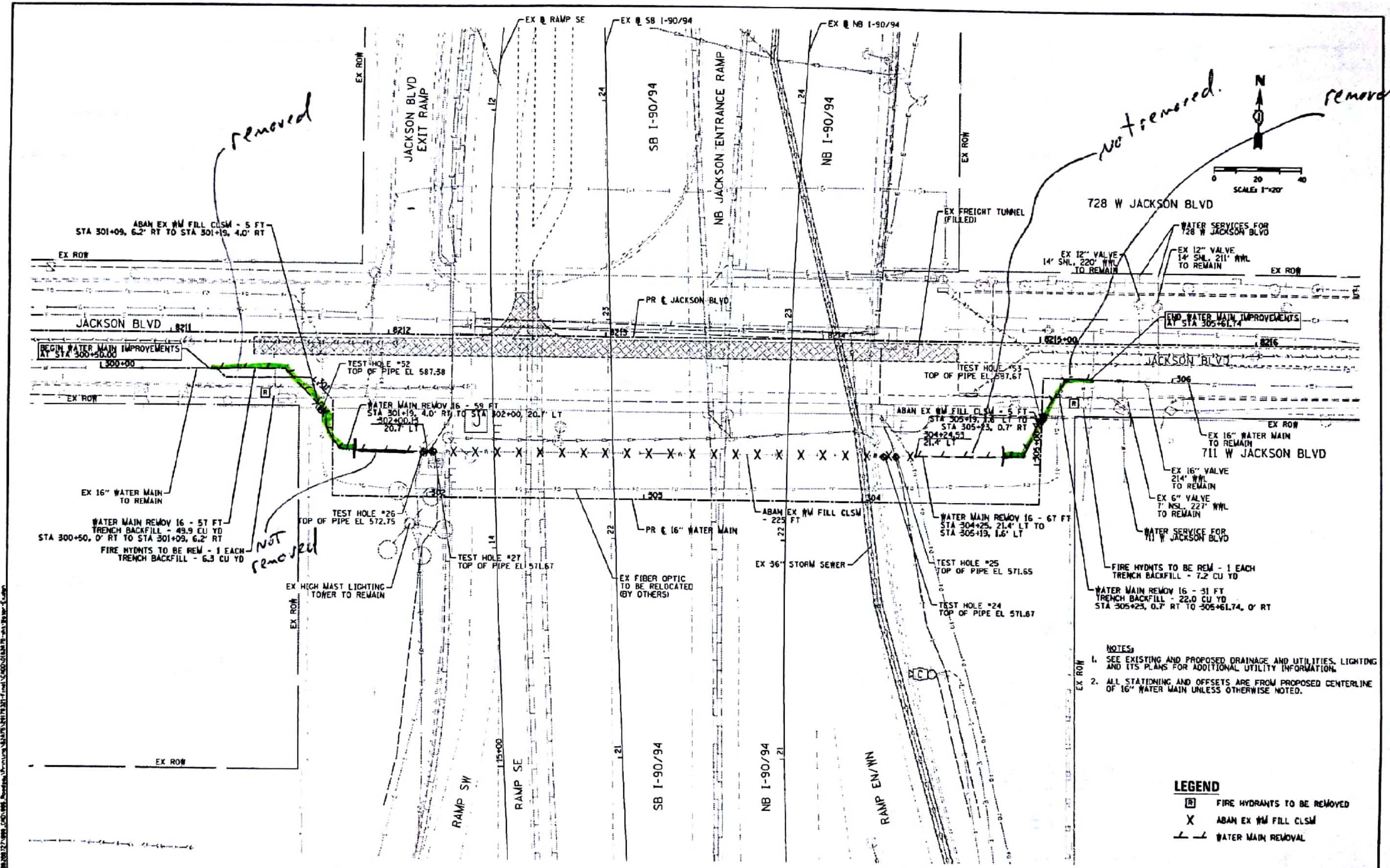
TOTAL BILL OF MATERIALS:

TRENCH BACKFILL	CU YD	207,6
CONCRETE STRUCTURES	CU YD	12
REINFORCEMENT BARS, EPOXY COATED	POUND	10890
DRILLED SHAFT IN SOIL	CU YD	56
DUCTILE IRON WATER MAIN, MECHANICAL JOINT 8"	FOOT	20
DUCTILE IRON WATER MAIN, MECHANICAL JOINT 16"	FOOT	271
WATER MAIN CONTROL VALVE-16 INCH	EACH	2
FIRE HYDRANTS TO BE REMOVED	EACH	2
FIRE HYDRANTS	EACH	2
PRECAST CONCRETE RISER	EACH	2
SLOPE INCLINOMETER	EACH	2
STEEL CASING PIPE AUGERED AND JACKED 30"	FOOT	291
CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT ENGINEERING SERVICES	L SUM	1
CONCRETE REMOVAL (SPECIAL)	CU YD	20
ABANDON EXISTING WATER MAIN, FILL WITH CLSM	FOOT	235
WATER MAIN REMOVAL, 16"	FOOT	214
DUCTILE IRON WATER MAIN, MECHANICAL JOINT 16" IN CASING	FOOT	291
WATER MAIN CONTROL VALVE-48 INCH BUTTERFLY VALVE	EACH	1

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	DIS2A75-SHT-WM-GN-01.dgn	DESIGNED - RBB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WATER MAIN GENERAL NOTES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	USER NAME = vjjanachione	DRAWN - AFC	REVISED -			90/94/290	2015-021-I	COOK	153	54
PLOT SCALE = 48.0000' / 1" =	CHECKED - MJE	REVISED -	CONTRACT NO. 62A75							
PLOT DATE = 3/20/2017	DATE - 03/21/2017	REVISED -	ILLINOIS FED. AID PROJECT							
SCALE: 1 OF 1 SHEETS STA. TO STA.										

	DIS60X94-SHT-WATERMAIN-02.dgn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING WATER MAIN PLANS JACKSON BOULEVARD	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	USER NAME = vjjanachione	DRAWN - NLD	REVISED -			90/94/290	2014-015R&B-R	COOK	825	195
PLOT SCALE = 100.0000' / 1" =	CHECKED - JMG	REVISED -	CONTRACT NO. 60X94							
PLOT DATE = 3/6/2020	DATE - 3-13-2020	REVISED -	ILLINOIS FED. AID PROJECT							
SCALE: NONE SHEET 2 OF 17 SHEETS STA. TO STA.										



DESIGNED - RDB	REVISED -
DRAWN - AFC	REVISED -
CHECKED - WJE	REVISED -
DATE - 05/21/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING WATER MAIN PLAN
JACKSON BOULEVARD

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-021-1	COOK	153	98
CONTRACT NO. 62A75				



DESIGNED -	REVISED -
DRAWN - NLD	REVISED -
CHECKED - JMG	REVISED -
DATE - 3/13/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING WATER MAIN PLANS
JACKSON BOULEVARD

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	196
CONTRACT NO. 60X94				

SCALE: NONE SHEET 3 OF 17 SHEETS STA. TO STA.

ILLINOIS FED. AID PROJECT

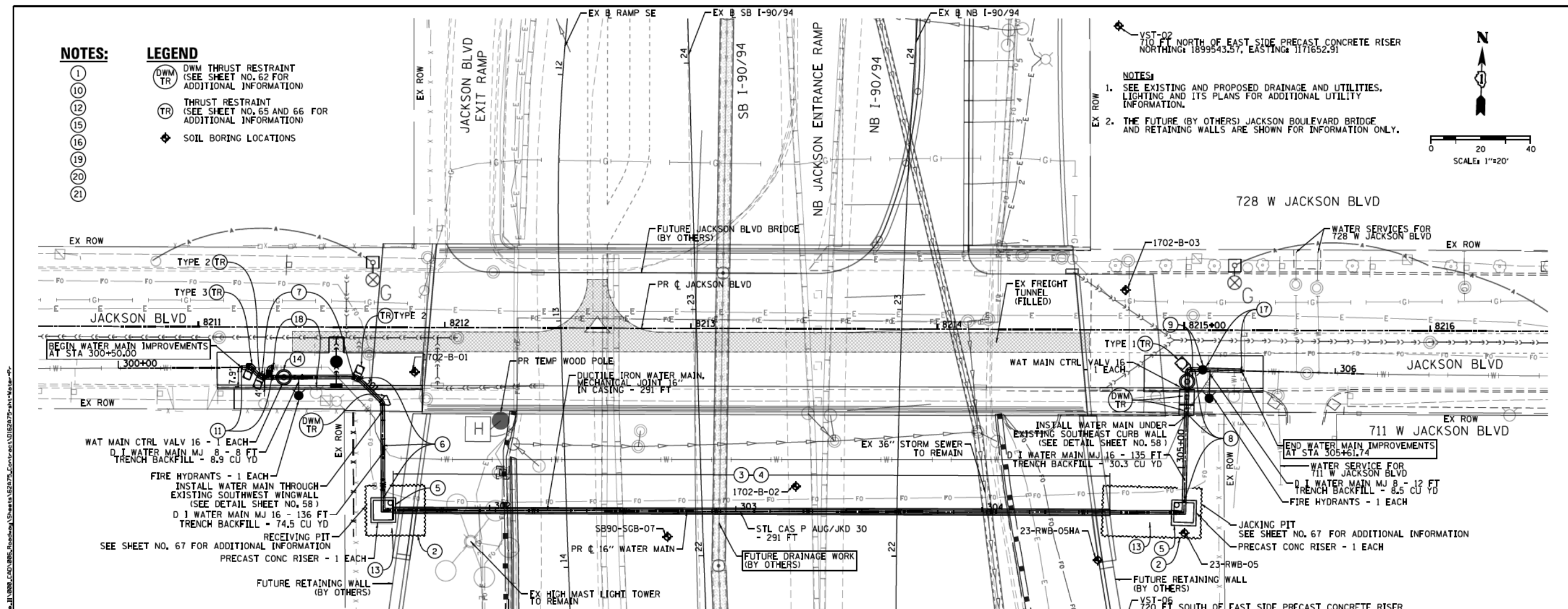
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NOTES:

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LEGEND

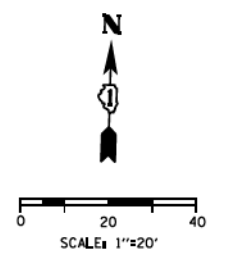
- (DWM TR) DWM THRUST RESTRAINT (SEE SHEET NO. 62 FOR ADDITIONAL INFORMATION)
- (TR) THRUST RESTRAINT (SEE SHEET NO. 65 AND 66 FOR ADDITIONAL INFORMATION)
- ◆ SOIL BORING LOCATIONS



VST-02
710 FT NORTH OF EAST SIDE PRECAST CONCRETE RISER
NORTHING: 1899543.57, EASTING: 1171652.91

NOTES:

1. SEE EXISTING AND PROPOSED DRAINAGE AND UTILITIES, LIGHTING AND ITS PLANS FOR ADDITIONAL UTILITY INFORMATION.
2. THE FUTURE (BY OTHERS) JACKSON BOULEVARD BRIDGE AND RETAINING WALLS ARE SHOWN FOR INFORMATION ONLY.



CONSTRUCTION SEQUENCING NOTES:

1. THE EXISTING 16" WATER MAIN CROSSING MUST BE KEPT IN SERVICE DURING CONSTRUCTION OF THE NEW 16" WATER MAIN CROSSING IN ORDER TO MAINTAIN THE WATER SUPPLY FROM EITHER DIRECTION TO THE DUAL WATER SERVICES FOR THE BUILDING LOCATED AT 728 W JACKSON BLVD. INTERRUPTIONS TO SERVICE SHALL ONLY BE PERMITTED FOR THE CONNECTION WORK SEQUENCES AS DESCRIBED BELOW. THE CONTRACTOR SHALL LIMIT THE SERVICE INTERRUPTIONS TO THE SPECIFIED TIME PERIODS. IF THE WORK CANNOT BE COMPLETED WITHIN THE SPECIFIED TIME PERIOD, THE CONTRACTOR SHALL WORK CONTINUOUSLY FOR AS LONG AS NECESSARY TO COMPLETE THE WORK AND RESTORE THE WATER SUPPLY TO THE SATISFACTION OF CDWM.
2. INSTALL EXCAVATION AREAS ON THE EAST AND WEST SIDES REQUIRED FOR AUGERING AND JACKING OF THE CASING PIPE AND FOR CONSTRUCTION OF THE RISER SHAFTS. PROTECT THE EXISTING ADJACENT 16" WATER MAIN SO IT IS NOT DAMAGED DURING CONSTRUCTION.
3. INSTALL 291-30" STEEL CASING PIPE BETWEEN STATIONS 301+61 AND 304+52.
4. INSTALL 16" WATER MAIN IN CASING PIPE USING CASING SPACERS.
5. CONSTRUCT BASE AND WALLS OF NEW PRE-CAST RISER SHAFTS. SEE SHEET NO. 64. INSTALL 16" PIPE AND FITTINGS AS SHOWN IN THE RISER SHAFTS. RESTRAIN TOP AND BOTTOM BASE BENDS. CONNECT RISER PIPING TO 16" WATER MAIN IN CASING PIPE WITH 16" PIPE AND 1-16" MJ SLEEVE AT EACH LOCATION. INSTALL ROOF SLAB.
6. INSTALL 16" PIPE AS SHOWN FROM THE RISER SHAFT TO THE NORTH AND WEST IN JACKSON BLVD. INSTALL 2-16" X 1/8 BENDS AT APPROXIMATELY STATIONS 300+98 AND 301+13. THE CONTRACTOR SHALL CONFIRM THE ACTUAL ELEVATION IN THE FIELD OF THE EXISTING WATER MAIN WHERE IT CROSSES THE PROPOSED WATER MAIN. THE ELEVATION OF THE PROPOSED WATER MAIN SHALL BE ADJUSTED AS NECESSARY TO CROSS OVER OR UNDER THE EXISTING WATER MAIN TO MAINTAIN A MINIMUM OF 5' OF COVER ON THE PROPOSED WATER MAIN. INSTALL ADDITIONAL BENDS AS REQUIRED TO ADJUST THE HORIZONTAL AND VERTICAL ALIGNMENT. SUPPORT AND PROTECT THE EXISTING WATER MAIN WHEN CROSSING UNDERNEATH WITH THE PROPOSED WATER MAIN. CORE THROUGH EXISTING WING WALL TO FACILITATE PIPE ROUTING (SEE DETAIL ON SHEET NO. 58). BUILD THRUST RESTRAINT.
7. INSTALL 16" PIPE AS SHOWN TO THE WEST IN JACKSON BLVD. INSTALL 1-16" X 8" MJ TEE, 8" MJ PIPE AND FIRE HYDRANT. INSTALL 1-16" MJ GATE VALVE AND 2-2" TEST TAPS AT STA 300+69. BUILD VALVE BASIN (SEE DETAILS). INSTALL 1-16" X 16" MJ TEE AT STA 300+63 FOR TEMPORARY CONNECTION TO EXISTING 16" WATER MAIN. INSTALL 1-16" X 1/8 MJ BEND AT STA 300+59 FOR PERMANENT CONNECTION. BUILD THRUST RESTRAINTS.
8. INSTALL 16" PIPE AS SHOWN FROM THE RISER SHAFT TO THE NORTH AND EAST IN JACKSON BLVD. INSTALL 1-16" X 1/4 BEND AT APPROXIMATELY STATION 305+40. THE CONTRACTOR SHALL CONFIRM THE ACTUAL ELEVATION IN THE FIELD OF THE EXISTING WATER MAIN WHERE IT CROSSES THE PROPOSED WATER MAIN. THE ELEVATION OF THE PROPOSED WATER MAIN SHALL BE ADJUSTED AS NECESSARY TO CROSS OVER OR UNDER THE EXISTING WATER MAIN TO MAINTAIN A MINIMUM OF 5' OF COVER ON THE PROPOSED WATER MAIN. INSTALL 2-16" X 1/16 MJ BEND AT STA 305+23 AND 305+29 TO ADJUST VERTICAL ALIGNMENT. INSTALL ADDITIONAL BENDS AS REQUIRED TO ADJUST THE HORIZONTAL AND VERTICAL ALIGNMENT. SUPPORT AND PROTECT THE EXISTING WATER MAIN WHEN CROSSING UNDERNEATH WITH THE PROPOSED WATER MAIN. BUILD THRUST RESTRAINTS.
9. INSTALL 1-16" GATE VALVE AND 2-2" TEST TAPS AT STA 305+35. INSTALL TEMPORARY FLUSHING HYDRANT AT END OF PIPE AND BRACE. BUILD VALVE BASIN (SEE DETAILS).
10. CONTACT CHICAGO DEPARTMENT OF WATER MANAGEMENT (CDWM) TO ARRANGE FOR THE SHUTDOWN OF THE EXISTING 16" WATER MAIN (312-744-5070). NOTE: THERE ARE ACTIVE WATER SERVICES ON THE SECTION OF WATER MAIN TO BE SHUTDOWN. THE CONNECTION WORK DESCRIBED IN THE FOLLOWING NOTE MUST BE COMPLETED WITHIN 4 HOURS OF THE SHUTDOWN.
11. CUT OUT AND REMOVE SECTION OF EXISTING 16" WATER MAIN. MAKE PERMANENT CONNECTION TO EXISTING 16" PIPE WITH 16" PIPE, 1-16" X 1/8 BEND AND 1-16" MJ SLEEVE OR TRANSITION SLEEVE IF REQUIRED. MAKE TEMPORARY CONNECTION TO EXISTING 16" WATER MAIN CROSSING WITH 16" PIPE, 1-16" X 1/4 BEND AND 1-16" MJ SLEEVE OR TRANSITION SLEEVE IF REQUIRED AND TEMPORARILY BRACE.
12. CONTACT CHICAGO DEPARTMENT OF WATER MANAGEMENT (CDWM) TO ARRANGE FOR OPENING CLOSED VALVES TO FILL, FLUSH AND RESTORE SERVICE TO THE EXISTING 16" WATER MAIN (312-744-5070).
13. BEFORE THE NEW 16" WATER MAIN CAN BE FILLED, FLUSHED, AND PRESSURE TESTED, THE EXCAVATION AREA MUST BE BACKFILLED AROUND THE RISER SHAFT AND ALL PIPE STRUCTURAL RESTRAINT SYSTEMS MUST BE IN PLACE.
14. SLOWLY OPEN NEW 16" MJ GATE VALVE (NOTE 7) AND THOROUGHLY FLUSH THE NEW 16" WATER MAIN FROM WEST TO EAST TO REMOVE ALL AIR.
15. PRESSURE TEST AND DISINFECT THE NEW 16" WATER MAIN IN ACCORDANCE WITH CDWM REQUIREMENTS AND THE CONTRACT DOCUMENTS.
16. AFTER APPROVAL OF THE PRESSURE TEST AND DISINFECTION BY CDWM, MAKE FINAL CONNECTIONS. CONTACT CDWM TO ARRANGE FOR THE SHUTDOWN OF THE EXISTING 16" WATER MAIN (312-744-5070). NOTE: THERE ARE ACTIVE WATER SERVICES ON THE SECTION OF WATER MAIN TO BE SHUTDOWN. THE CONNECTION WORK DESCRIBED IN THE FOLLOWING NOTES MUST BE COMPLETED WITHIN 4 HOURS OF THE SHUTDOWN.
17. REMOVE TEMPORARY FLUSHING HYDRANT (NOTE 9), CUT OUT EXISTING 16" PIPE AND REMOVE EXISTING FIRE HYDRANT. INSTALL 1-16" X 8" MJ TEE, 8" MJ PIPE AND FIRE HYDRANT. CONNECT WITH 16" PIPE AND 1-16" MJ SLEEVE OR TRANSITION SLEEVE IF REQUIRED.
18. REMOVE AND SALVAGE 16" X 1/4 BEND AND 1-16" MJ SLEEVE OR TRANSITION SLEEVE INSTALLED ON THE TEMPORARY CONNECTION TO THE EXISTING 16" MAIN (NOTE 11). PLUG THE 16" X 16" TEE WITH 1-16" MJ PLUG. REMOVE EXISTING FIRE HYDRANT.
19. CONTACT CHICAGO DEPARTMENT OF WATER MANAGEMENT (CDWM) TO ARRANGE FOR OPENING ANY REMAINING VALVES THAT WERE SHUTDOWN (312-744-5070). CONTRACTOR TO ASSIST WITH FLUSHING AS NECESSARY.
20. REMOVE OR ABANDON THE EXISTING 16" WATER MAIN AS SHOWN ON THE DRAWINGS ON SHEET NO. 55.
21. RESTORE ALL WATER MAIN TRENCHES PER THE DETAILED DRAWINGS.

	DESIGNED - RBB DRAWN - AFC CHECKED - MJE DATE - 4/21/2017	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED WATER MAIN PLAN JACKSON BOULEVARD	F.A.I. R.T.E. 90/94/290	SECTION 2015-021-I	COUNTY COOK	TOTAL SHEETS 153	SHEET NO. 56
	PLOT SCALE = 48.0000' / 1"	DATE - 4/21/2017			SCALE: 1" = 20'	SHEET 1 OF 1 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 62A75

	DESIGNED - DRAWN - NLD CHECKED - JMG DATE - 3-13-2020	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING WATER MAIN PLANS JACKSON BOULEVARD	F.A.I. R.T.E. 90/94/290	SECTION 2014-015R&B-R	COUNTY COOK	TOTAL SHEETS 825	SHEET NO. 197
	PLOT SCALE = 100.0000' / 1"	DATE - 3-13-2020			SCALE: NONE	SHEET 4 OF 17 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 60X94

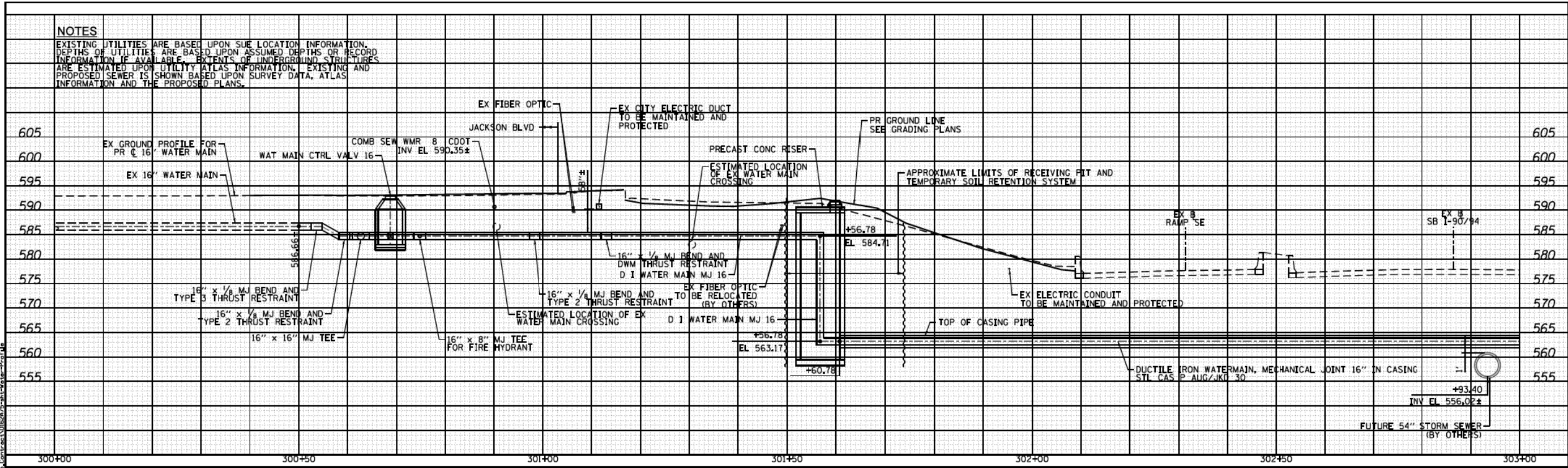
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NOTES

EXISTING UTILITIES ARE BASED UPON SUE LOCATION INFORMATION. DEPTHS OF UTILITIES ARE BASED UPON ASSUMED DEPTHS OR RECORD INFORMATION IF AVAILABLE. EXTENTS OF UNDERGROUND STRUCTURES ARE ESTIMATED UPON UTILITY ATLAS INFORMATION. EXISTING AND PROPOSED SEWER IS SHOWN BASED UPON SURVEY DATA, ATLAS INFORMATION AND THE PROPOSED PLANS.

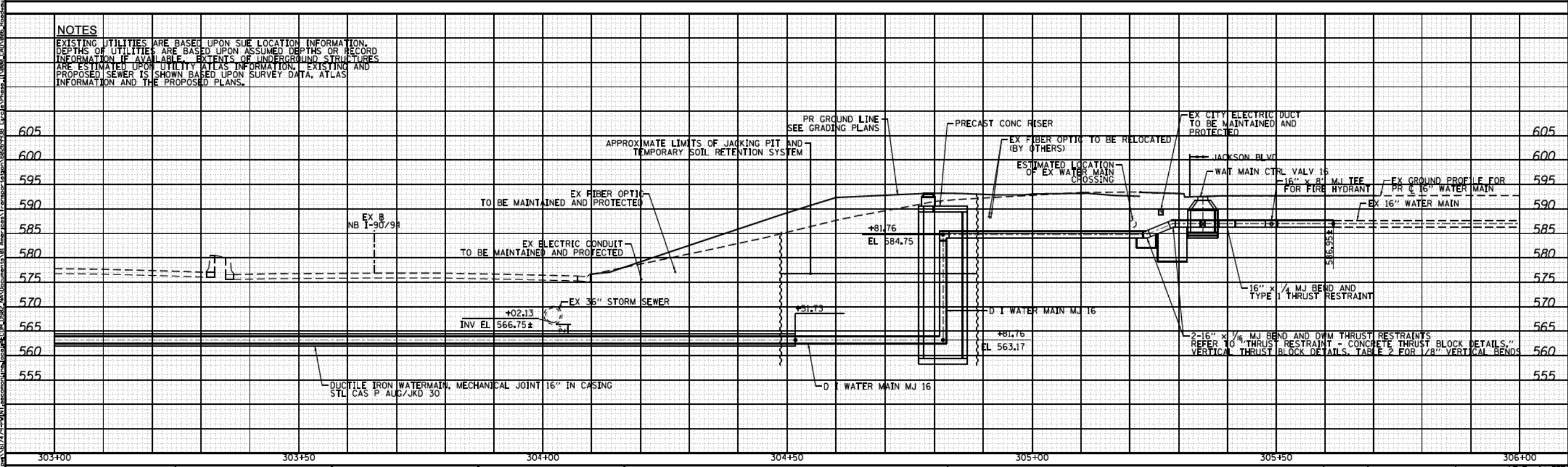
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NOTES

EXISTING UTILITIES ARE BASED UPON SUE LOCATION INFORMATION. DEPTHS OF UTILITIES ARE BASED UPON ASSUMED DEPTHS OR RECORD INFORMATION IF AVAILABLE. EXTENTS OF UNDERGROUND STRUCTURES ARE ESTIMATED UPON UTILITY ATLAS INFORMATION. EXISTING AND PROPOSED SEWER IS SHOWN BASED UPON SURVEY DATA, ATLAS INFORMATION AND THE PROPOSED PLANS.

DATE	
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<p>303 EAST Wacker Drive, Suite 1400 Chicago, IL 60601-3000 Phone: (312) 375-1700 Fax: (312) 375-4800</p>	D162475-sht-Water-Profile USER NAME = Chau PLOT SCALE = 28.0000' / in. PLOT DATE = 3/20/2017	DESIGNED - RBB DRAWN - AFC CHECKED - MJE DATE - 03/21/2017	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WATER MAIN PROFILE JACKSON BOULEVARD	F.A.I. RTE. 90/94/290 SECTION 2015-021-1 COUNTY COOK TOTAL SHEETS 153 SHEET NO. 57 CONTRACT NO. 62A75
	SCALE: 1" = 10' SHEET 1 OF 1 SHEETS STA. TO STA.				ILLINOIS FED. AID PROJECT	



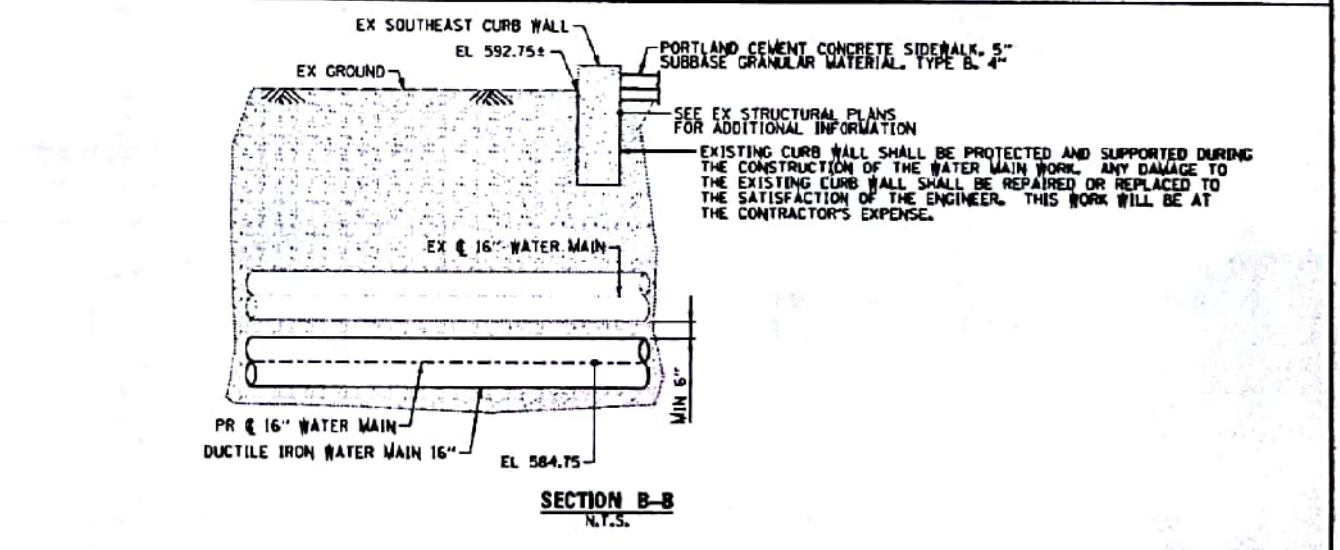
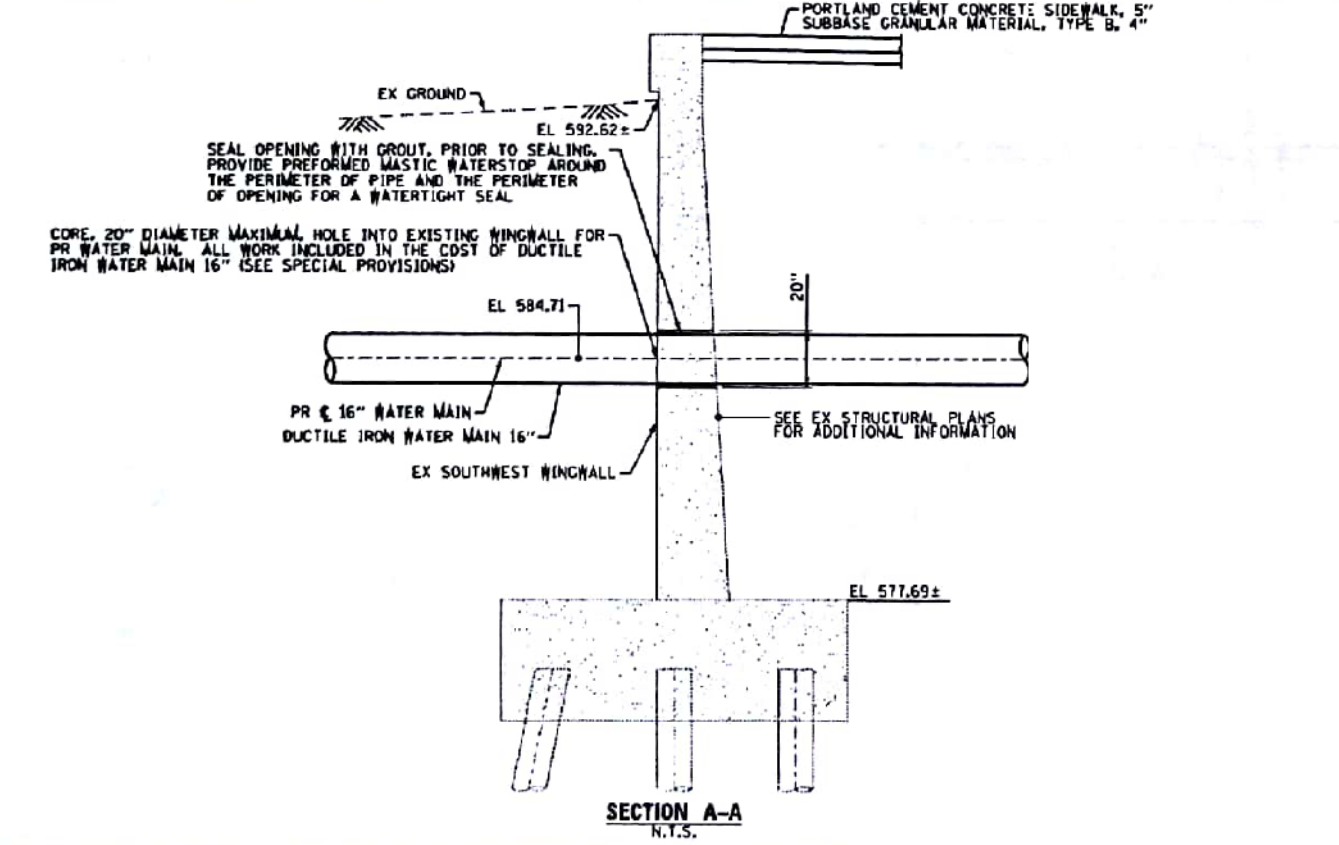
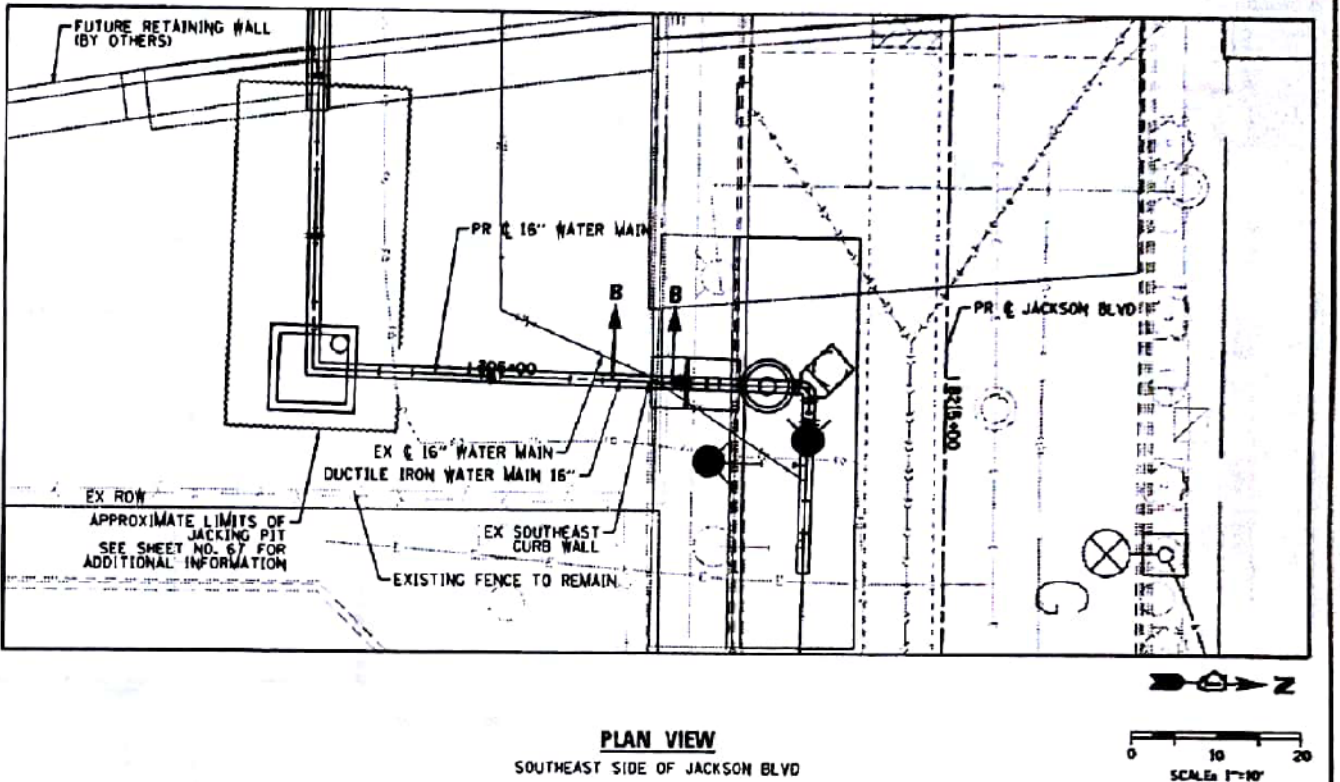
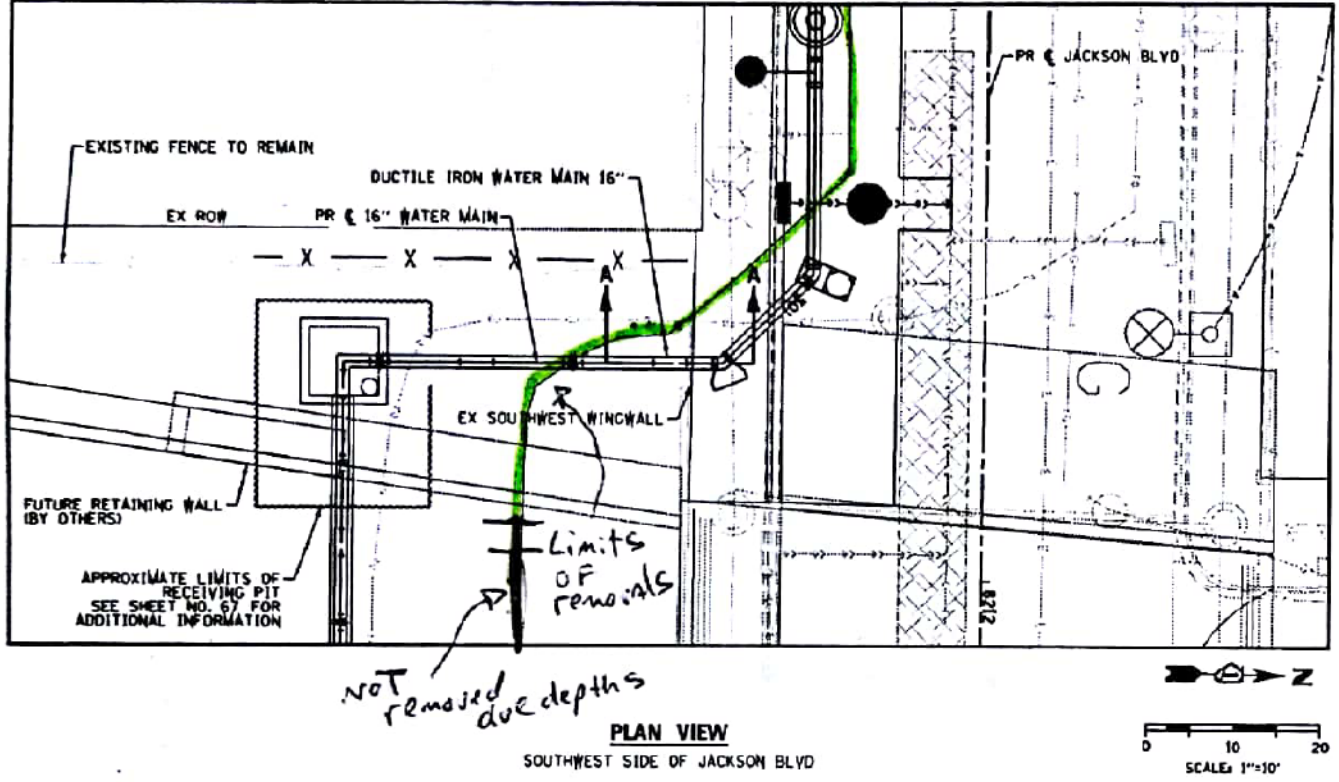
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PLOT DATE = 3/6/2020	DATE - 3-13-2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: NONE	SHEET 5	OF 17	SHEETS	STA. TO STA.
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EXISTING WATER MAIN PLANS
 JACKSON BOULEVARD

F.A.I. RTE. 90/94/290	SECTION 2014-015R&B-R	COUNTY COOK	TOTAL SHEETS 825	SHEET NO. 198
ILLINOIS FED. AID PROJECT				CONTRACT NO. 60X94



- NOTES:**
- CONTRACTOR SHALL LOCATE EXISTING VERTICAL AND HORIZONTAL REINFORCING BARS IN THE WINGWALL BY NONDESTRUCTIVE METHODS, PER EXISTING PLAN INFORMATION. EXISTING HORIZONTAL AND VERTICAL WALL REINFORCING BARS ARE SPACED AT APPROXIMATELY 12" CENTERS. EXISTING WINGWALL IS APPROXIMATELY 2' THICK AT THE BASE AND APPROXIMATELY 1.42' THICK AT THE TOP.
 - PRIOR TO DRILLING 20" DIAMETER MAXIMUM HOLE IN THE EXISTING WINGWALL, CONTRACTOR SHALL IDENTIFY REINFORCING BARS THAT ARE IMPACTED DUE TO DRILLING OPERATION AND SUBMIT HIS PROPOSED DRILLING PLAN TO THE ENGINEER FOR REVIEW AND APPROVAL. CONTRACTOR SHALL LOCATE THE PROPOSED DRILLED HOLE SUCH THAT IT MINIMIZES NUMBERS OF BARS TO BE CUT BY DRILLING OPERATION. CONTRACTOR SHALL NOT DAMAGE EXISTING WINGWALL DURING CONSTRUCTION.
 - ANNULAR SPACE BETWEEN PROPOSED WATER MAIN AND CORE HOLE SHALL BE GROUTED WITH APPROVED NON-SHRINK GROUT. PRIOR TO GROUTING PROVIDE PREFORMED MASTIC WATERSTOP AROUND PIPE AND OPENING FOR A WATERTIGHT SEAL.

AECOM <small>1000 N. MICHIGAN AVE. SUITE 1000 CHICAGO, IL 60611-4000 TEL: 312.467.4000 FAX: 312.467.4000</small>	0162079-SHT-01-DET-06.dgn USER NAME = vjjanachione PLOT SCALE = 20.0000' / in. PLOT DATE = 3/28/2017	DESIGNED - RBB/ATB DRAWN - AFC CHECKED - JJC DATE - 05/21/2017	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	JACKSON BOULEVARD - WATER MAIN DETAILS WATER MAIN CROSSING AT WINGWALL/CURB WALL	F.A.I. R.T.E. 90/94/290 SECTION 2015-021-1 COUNTY COOK TOTAL SHEETS 153 SHEETS NO. 88 CONTRACT NO. 62AT5	SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.
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D160X94-SHT-WATERMAIN-06.dgn USER NAME = vjjanachione PLOT SCALE = 100.0000' / in. PLOT DATE = 3/6/2020	DESIGNED - DRAWN - NLD CHECKED - JMG DATE - 3-13-2020	REVISED - REVISED - REVISED - REVISED -
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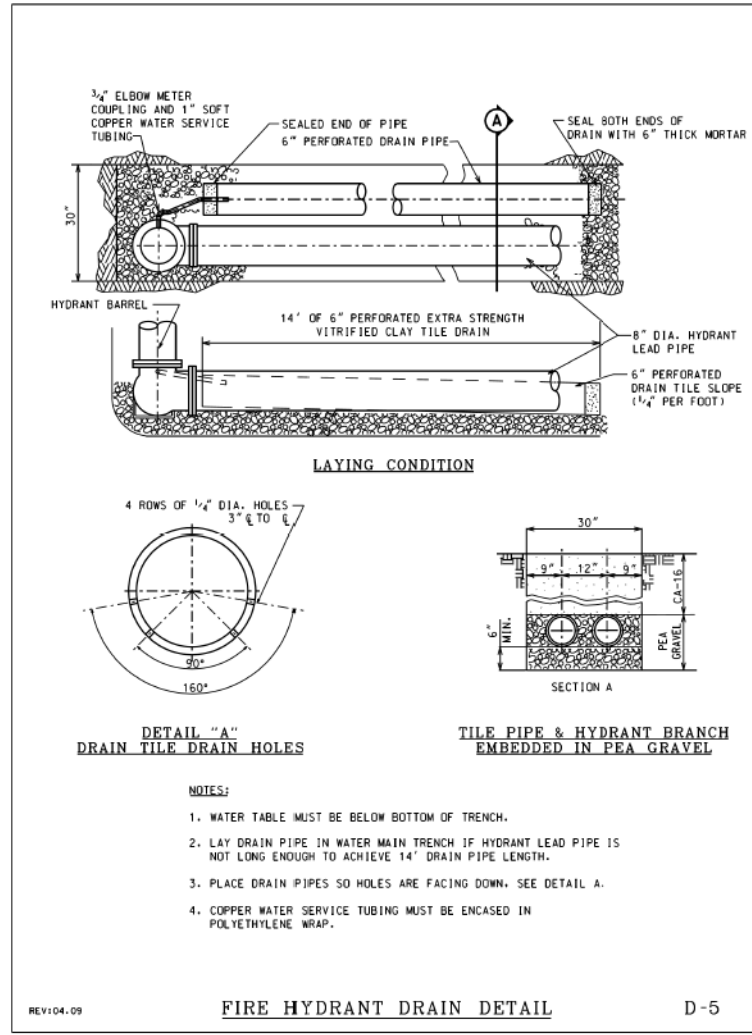
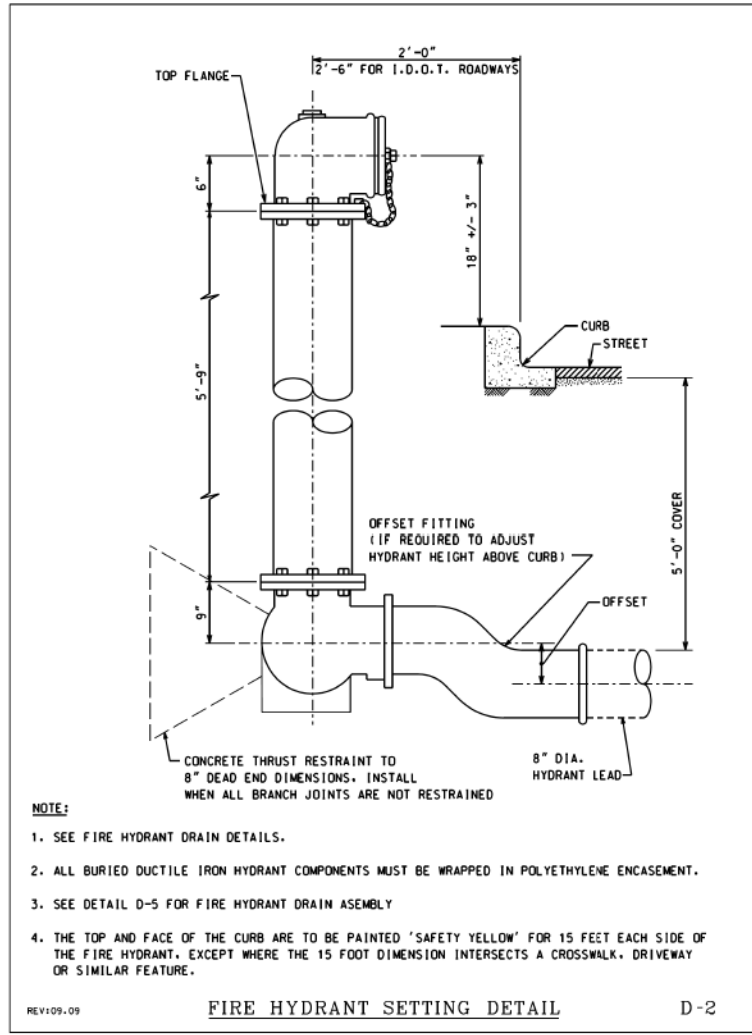
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SCALE: NONE SHEET 6 OF 17 SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT
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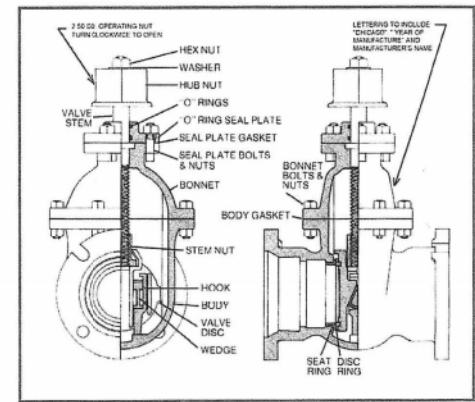
EJIW Gate Valves, Series N

City of Chicago Specification

engineered designed constructed for a position of trust

SERIES N GATE VALVES:

The Chicago Gate Valve is manufactured according to City of Chicago specifications in sizes 3" to 16" inclusive. It has double disc construction with parallel seats; a V-type gate spreading mechanism which is actuated when the wedging piece comes in contact with a lug at the bottom of the valve body. The wedge is thus restrained from further movement and the discs being forced downward over the wedges are forced to spread.



SIZE	CAT #
3"	3N22
4"	4N22
6"	6N22
8"	8N22
12"	12N22
16"	16N22

	3"	4"	6"	8"	12"	16"
Mechanical Joint End						
Overall Length	10 5/8	13 1/8	13 3/4	15 1/4	16 1/2	23 1/4
Laying Length	5 5/8	8 1/8	8 3/4	10 1/4	11 1/2	16 1/4
Centerline to Top of Stem	13 1/8	15 3/8	20	23 1/4	31	36 5/8
Number of Turns to Open	7	9	14	18	43	50

EJIW products are available throughout the United States. Call 800-344-3549 for information or service requests. email: ejisales@ejw.com website: www.ejw.com

EJIW
We Cover the Infrastructure®

AECOM <small>303 EAST WACKER DRIVE, SUITE 1400 CHICAGO, IL 60601-5076 PHONE (312) 375-7700 FAX (312) 375-6800</small>	D162A75-SHT-WH-DET-01.dgn	DESIGNED - RBB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WATER MAIN DETAILS	F.A.I. RTE. 90/94/290	SECTION 2015-021-I	COUNTY COOK	TOTAL SHEETS 153	SHEET NO. 59
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TranSystems	D160X94-SHT-WATERMAIN-07.dgn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING WATER MAIN PLANS JACKSON BOULEVARD	F.A.I. RTE. 90/94/290	SECTION 2014-015R&B-R	COUNTY COOK	TOTAL SHEETS 825	SHEET NO. 200
	USER NAME = v1janachione PLOT SCALE = 100.0000' / in. PLOT DATE = 3/6/2020	DRAWN - NLD	REVISED -			SCALE: NONE SHEET 7 OF 17 SHEETS STA. TO STA.	CONTRACT NO. 60X94 ILLINOIS FED. AID PROJECT			