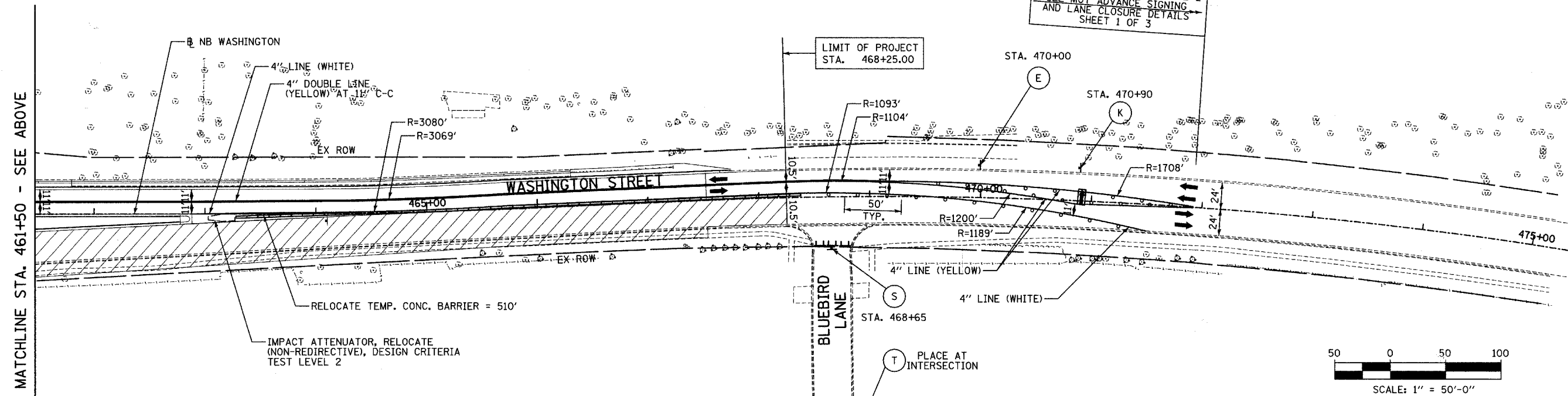
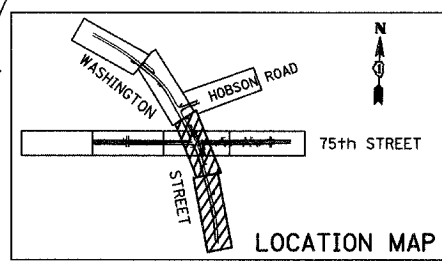


- LEGEND:**
- CONSTRUCTION ZONE
  - TEMPORARY PAVEMENT
  - TRAFFIC MOVEMENT
  - TEMPORARY SIGN (SEE M.O.T. SIGNING LEGEND)
  - TYPE II BARRICADES OR DRUMS W/ MONO-DIRECTIONAL STEADY BURNING LIGHT
  - TYPE III BARRICADE W/2 FLASHING BIDIRECTIONAL LIGHTS
  - TEMPORARY CONCRETE BARRIER
  - ARROW BOARD
  - M.O.T. APPURTENANCES REMAINING FROM PREVIOUS STAGES



**NOTE:**  
SOME TEMPORARY M.O.T. SIGNING REMAINS FROM PREVIOUS STAGES - SEE PREVIOUS STAGE OR STAGES FOR SIGN TYPE AND LOCATION.



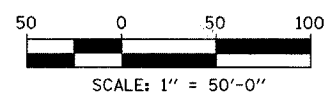
REVISIONS	
NAME	DATE

INTERSECTION IMPROVEMENT  
WASHINGTON STREET - 75th STREET  
MOT PLAN - STAGE 2  
WASHINGTON STREET  
SHEET 2 OF 5  
STA. 448+50 TO STA. 467+55

CONSULTANT  
**TYLIN INTERNATIONAL**

City of **Naperville**

DRAWN	SHEET NO.
CHECKED:	
APPROVED:	
DATE: APRIL 11, 2008	
SCALE:	
JOB NO.: P-91-494-00	PROJECT NO.: M-CMM-7003 (985)

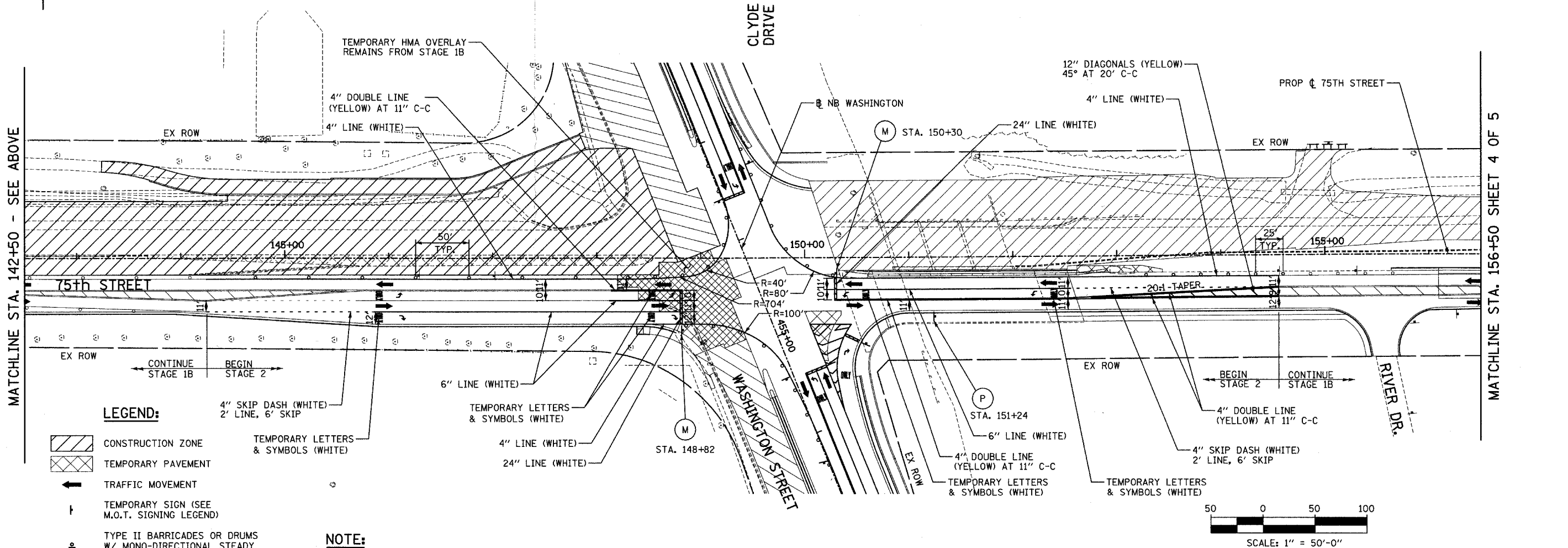
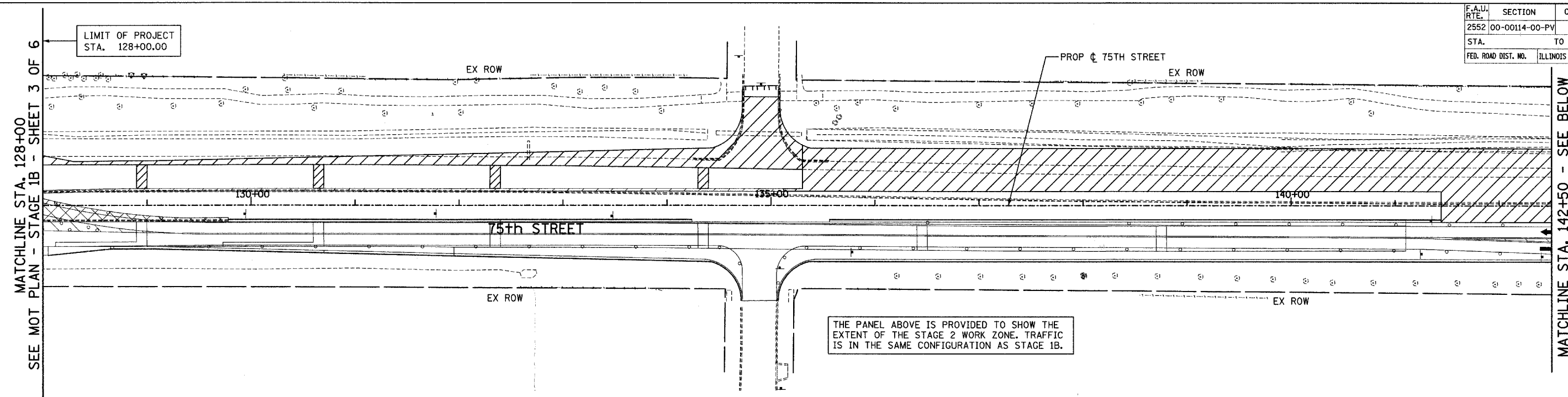


MATCHLINE STA. 461+50 - SEE ABOVE

MATCHLINE STA. 448+50 - SEE SHEET 1 OF 4

MATCHLINE STA. 461+50 - SEE BELOW

4/11/2008 2:27:32 PM P:\902417\road\5\mot\stage2\02.dwg



MATCHLINE STA. 142+50 - SEE ABOVE

MATCHLINE STA. 142+50 - SEE BELOW

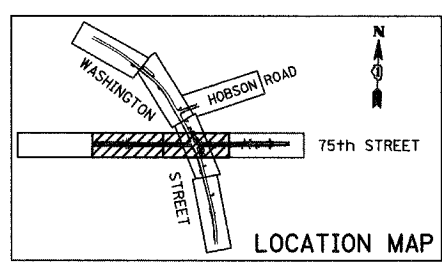
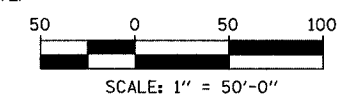
MATCHLINE STA. 156+50 SHEET 4 OF 5

**LEGEND:**

- CONSTRUCTION ZONE
- TEMPORARY PAVEMENT
- TRAFFIC MOVEMENT
- TEMPORARY SIGN (SEE M.O.T. SIGNING LEGEND)
- TYPE II BARRICADES OR DRUMS W/ MONO-DIRECTIONAL STEADY BURNING LIGHT
- TYPE III BARRICADE W/2 FLASHING BIDIRECTIONAL LIGHTS
- TEMPORARY CONCRETE BARRIER
- ARROW BOARD
- M.O.T. APPURTENANCES REMAINING FROM PREVIOUS STAGES

**NOTE:**

SOME TEMPORARY M.O.T. SIGNING REMAINS FROM PREVIOUS STAGES - SEE PREVIOUS STAGE OR STAGES FOR SIGN TYPE AND LOCATION.



REVISIONS	
NAME	DATE

INTERSECTION IMPROVEMENT  
 WASHINGTON STREET - 75th STREET  
 MOT PLAN - STAGE 2  
 75th STREET  
 SHEET 3 OF 5  
 STA. 128+00 TO STA. 156+50  
 CONSULTANT  
**TYLIN** INTERNATIONAL

City of **Naperville**

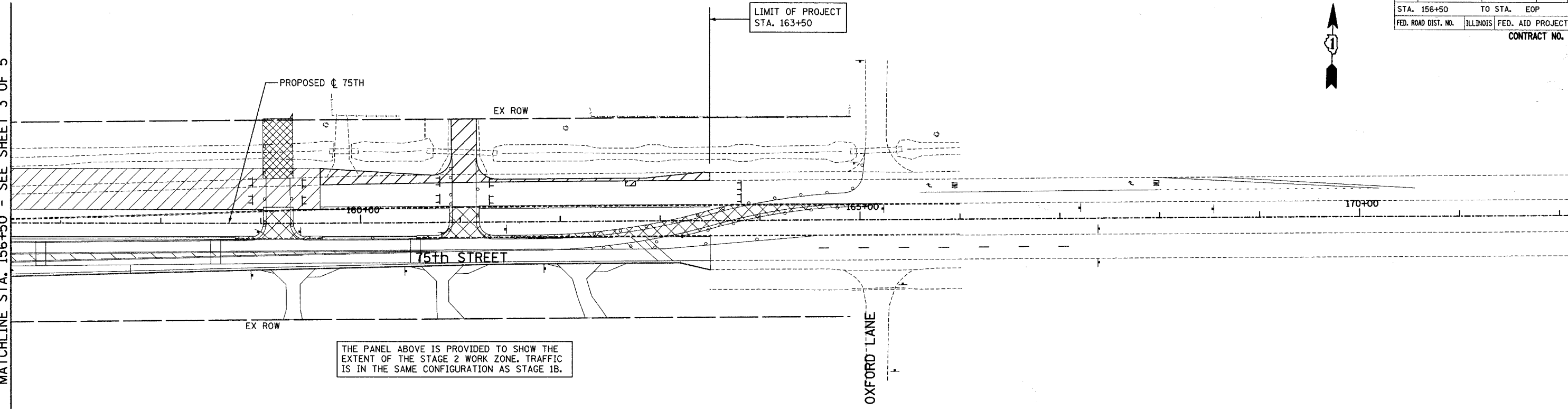
DRAWN	SHEET NO.
CHECKED	
APPROVED	
DATE: APRIL 11, 2008	
SCALE:	
JOB NO. P-91-494-00	PROJECT NO. M-CMM-7003 (985)

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F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00114-00-PV	DUPAGE	563	104
STA. 156+50	TO STA. EOP			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 63024				



MATCHLINE STA. 156+50 - SEE SHEET 3 OF 5

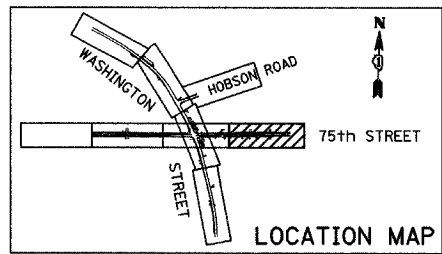
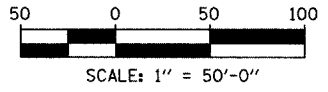


THE PANEL ABOVE IS PROVIDED TO SHOW THE EXTENT OF THE STAGE 2 WORK ZONE. TRAFFIC IS IN THE SAME CONFIGURATION AS STAGE 1B.

**LEGEND:**

- CONSTRUCTION ZONE
- TEMPORARY PAVEMENT
- TRAFFIC MOVEMENT
- TEMPORARY SIGN (SEE M.O.T. SIGNING LEGEND)
- TYPE II BARRICADES OR DRUMS W/ MONO-DIRECTIONAL STEADY BURNING LIGHT
- TYPE III BARRICADE W/2 FLASHING BIDIRECTIONAL LIGHTS
- TEMPORARY CONCRETE BARRIER
- ARROW BOARD
- M.O.T. APPURTENANCES REMAINING FROM PREVIOUS STAGES

**NOTE:**  
SOME TEMPORARY M.O.T. SIGNING REMAINS FROM PREVIOUS STAGES - SEE PREVIOUS STAGE OR STAGES FOR SIGN TYPE AND LOCATION.



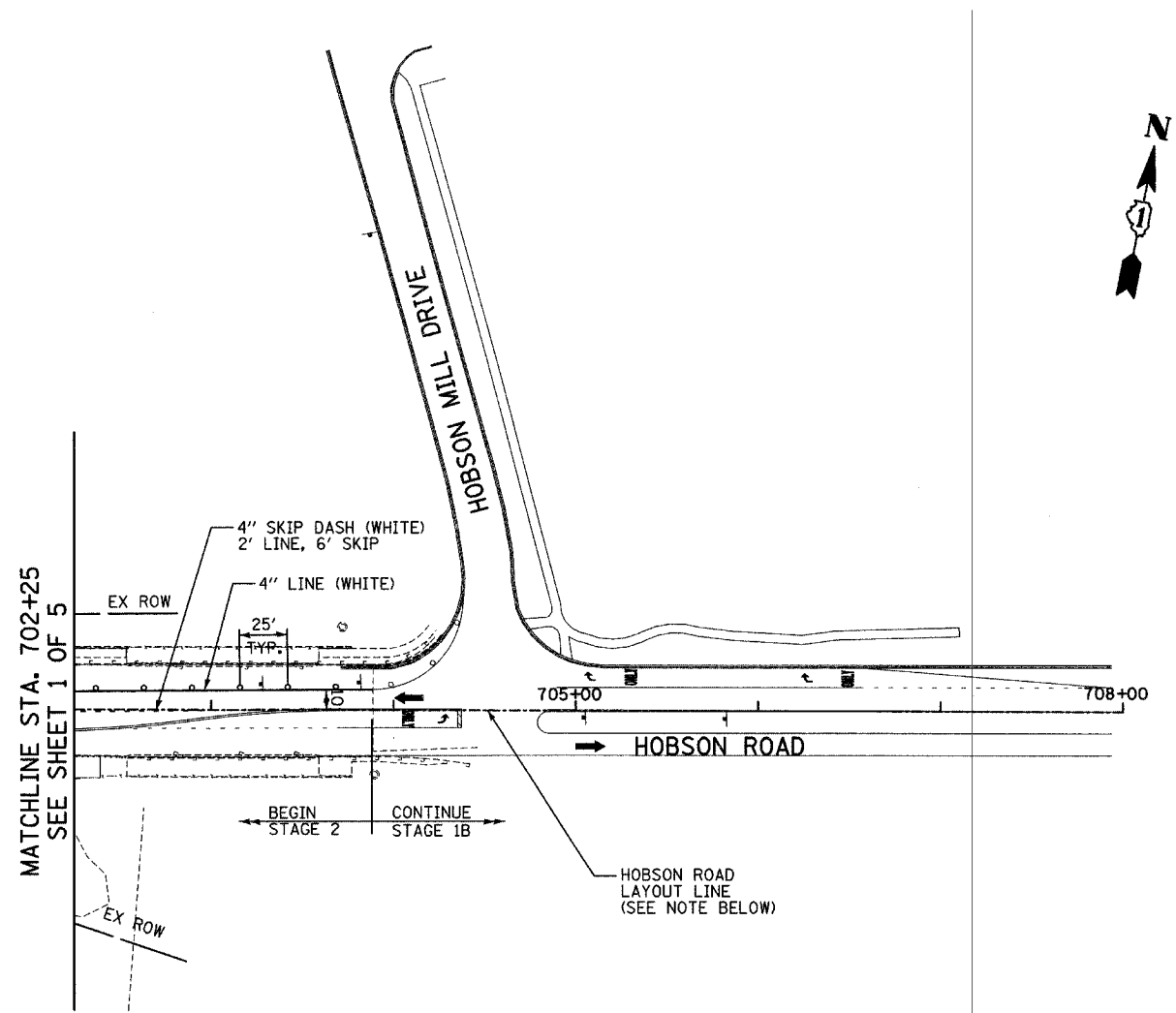
REVISIONS	
NAME	DATE

**INTERSECTION IMPROVEMENT**  
**WASHINGTON STREET - 75th STREET**  
**MOT PLAN - STAGE 2**  
**75th STREET**  
 SHEET 4 OF 5  
 STA. 156+50 TO 163+50  
 CONSULTANT  
**TYLIN INTERNATIONAL**









City of **Naperville**

DRAWN:	SHEET NO.
CHECKED:	
APPROVED:	
DATE: APRIL 11, 2008	
SCALE:	
JOB NO.: P-9J-494-00	PROJECT NO.: M-CMM-7003 (985)

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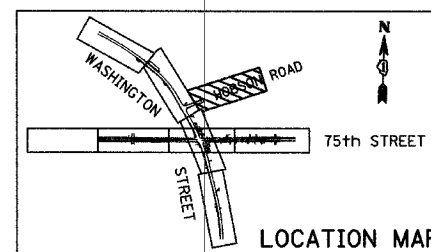
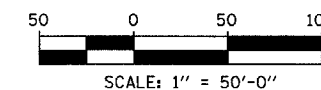


**LEGEND:**

-  CONSTRUCTION ZONE
-  TEMPORARY PAVEMENT
-  TRAFFIC MOVEMENT
-  TEMPORARY SIGN (SEE M.O.T. SIGNING LEGEND)
-  TYPE II BARRICADES OR DRUMS W/ MONO-DIRECTIONAL STEADY BURNING LIGHT
-  TYPE III BARRICADE W/2 FLASHING BIDIRECTIONAL LIGHTS
-  TEMPORARY CONCRETE BARRIER
-  ARROW BOARD


**NOTES:**

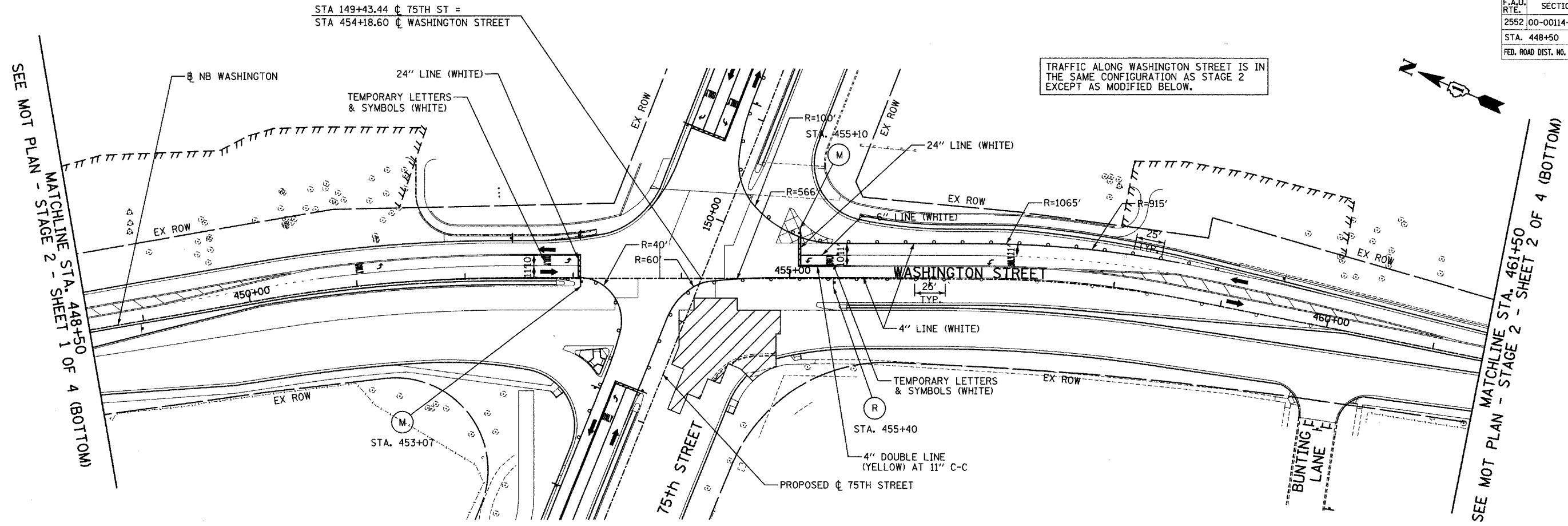
1. THE HOBSON ROAD LAYOUT LINE IS PROVIDED FOR CONTRACTOR CONVENIENCE ONLY. THE LINE IS TIED TO THE HOBSON ROAD CENTERLINE TO THE WEST. HOWEVER, THE LINE IS NOT TIED TO THE EAST.
2. SOME TEMPORARY M.O.T. SIGNING REMAINS FROM PREVIOUS STAGES - SEE PREVIOUS STAGE OR STAGES FOR SIGN TYPE AND LOCATION.



REVISIONS	
NAME	DATE

**INTERSECTION IMPROVEMENT**  
**WASHINGTON STREET - 75th STREET**  
**MOT PLAN - STAGE 2**  
**WASHINGTON STREET (HOBSON RD)**  
 SHEET 5 OF 5  
 STA. 702+25 TO STA. 708+00  
 CONSULTANT  
**TYLIN INTERNATIONAL**

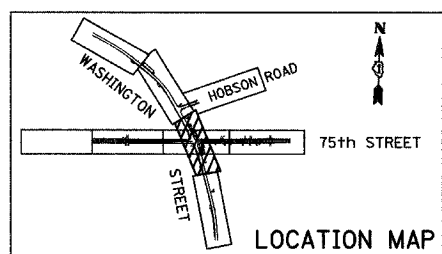
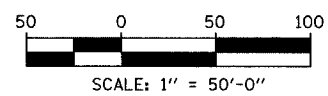
City of	 <b>Naperville</b>	DRAWN: _____ SHEET NO. _____
CHECKED: _____	APPROVED: _____	DATE: APRIL 11, 2008
JOB NO. P-91-494-00	PROJECT NO. M-CMM-7003 (985)	4/11/2008 2:27:37 PM



**LEGEND:**

- CONSTRUCTION ZONE
- TEMPORARY PAVEMENT
- TRAFFIC MOVEMENT
- TEMPORARY SIGN (SEE M.O.T. SIGNING LEGEND)
- TYPE II BARRICADES OR DRUMS W/ MONO-DIRECTIONAL STEADY BURNING LIGHT
- TYPE III BARRICADE W/2 FLASHING BIDIRECTIONAL LIGHTS
- TEMPORARY CONCRETE BARRIER
- ARROW BOARD
- M.O.T. APPURTENANCES REMAINING FROM PREVIOUS STAGES

**NOTE:**  
SOME TEMPORARY M.O.T. SIGNING REMAINS FROM PREVIOUS STAGES - SEE PREVIOUS STAGE OR STAGES FOR SIGN TYPE AND LOCATION.



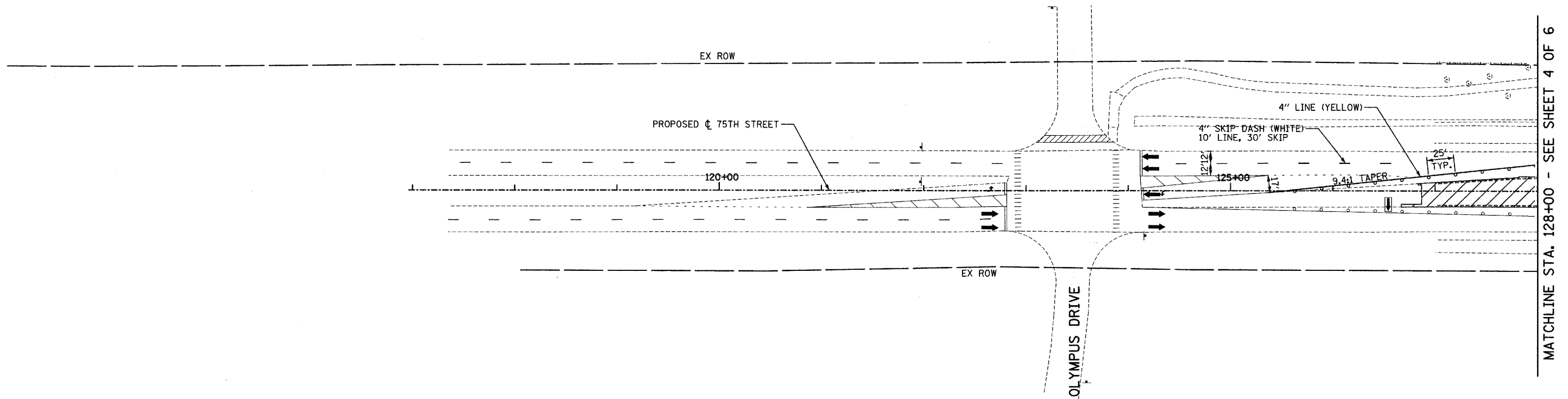
REVISIONS	
NAME	DATE

**INTERSECTION IMPROVEMENT**  
**WASHINGTON STREET - 75th STREET**  
**MOT PLAN - STAGE 2A**  
**WASHINGTON STREET**  
 SHEET 1 OF 4  
 STA. 448+50 TO STA. 467+55  
 CONSULTANT  
**TYLIN INTERNATIONAL**

City of **Naperville**

DRAWN:	SHEET NO.:
CHECKED:	
APPROVED:	
DATE: APRIL 11, 2008	
SCALE:	
JOB NO: P-91-494-00	PROJECT NO: M-CMM-7003 (985)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00114-00-PV	DuPAGE	563	107
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 63024				



MATCHLINE STA. 128+00 - SEE SHEET 4 OF 6

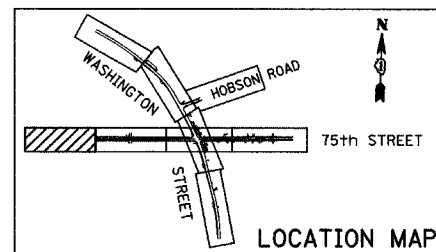
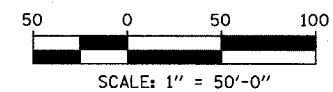


**LEGEND:**

- CONSTRUCTION ZONE
- TEMPORARY PAVEMENT
- TRAFFIC MOVEMENT
- TEMPORARY SIGN (SEE M.O.T. SIGNING LEGEND)
- TYPE II BARRICADES OR DRUMS W/ MONO-DIRECTIONAL STEADY BURNING LIGHT
- TYPE III BARRICADE W/2 FLASHING BIDIRECTIONAL LIGHTS
- TEMPORARY CONCRETE BARRIER
- ARROW BOARD
- M.O.T. APPURTENANCES REMAINING FROM PREVIOUS STAGES

**NOTE:**

SOME TEMPORARY M.O.T. SIGNING REMAINS FROM PREVIOUS STAGES - SEE PREVIOUS STAGE OR STAGES FOR SIGN TYPE AND LOCATION.



REVISIONS	
NAME	DATE

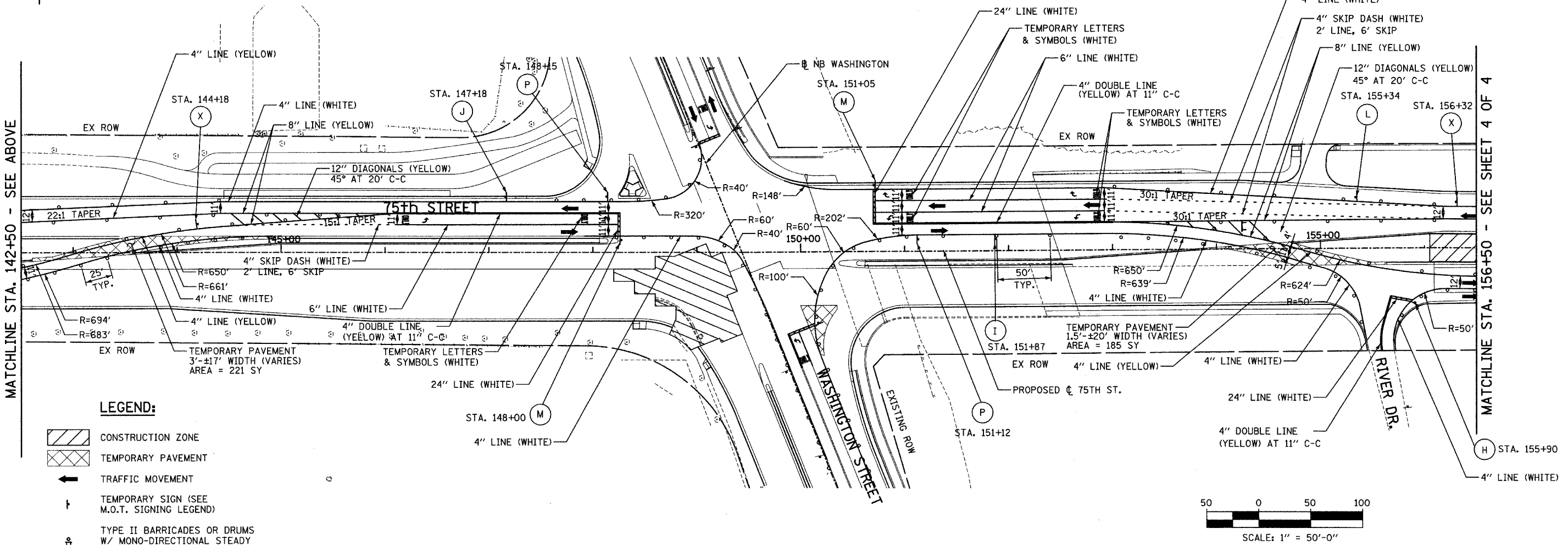
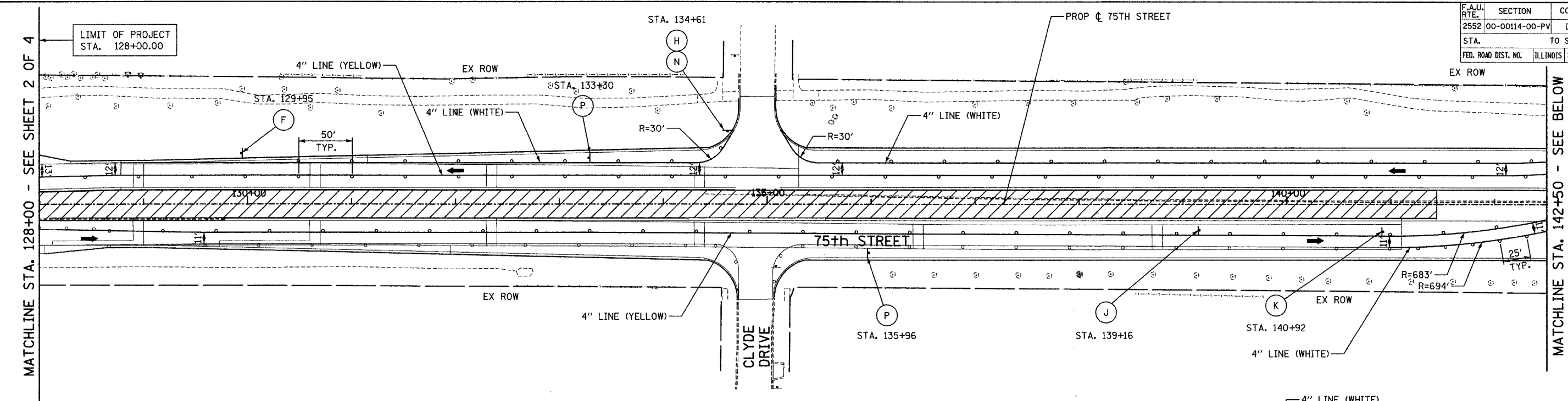
**INTERSECTION IMPROVEMENT**  
**WASHINGTON STREET - 75th STREET**  
**MOT PLAN - STAGE 2A**  
**75th STREET**  
 SHEET 2 OF 4  
 STA. 117+00 TO STA. 128+00  
 CONSULTANT  
**TYLIN INTERNATIONAL**

City of 	SHEET NO. DRAWN: CHECKED: APPROVED: DATE: APRIL 11, 2008 SCALE: JOB NO.: P-91-494-00 PROJECT NO.: M-CMM-7003 (985)
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00114-00-PV	DUPAGE	563	108
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 63024

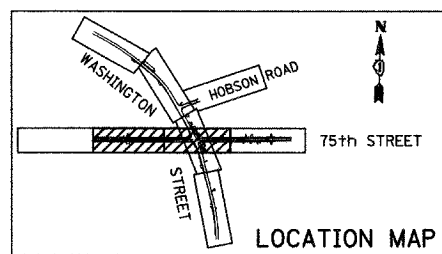


**LEGEND:**

- CONSTRUCTION ZONE
- TEMPORARY PAVEMENT
- TRAFFIC MOVEMENT
- TEMPORARY SIGN (SEE M.O.T. SIGNING LEGEND)
- TYPE II BARRICADES OR DRUMS W/ MONO-DIRECTIONAL STEADY BURNING LIGHT
- TYPE III BARRICADE W/2 FLASHING BIDIRECTIONAL LIGHTS
- TEMPORARY CONCRETE BARRIER
- ARROW BOARD
- M.O.T. APPURTENANCES REMAINING FROM PREVIOUS STAGES

**NOTE:**

SOME TEMPORARY M.O.T. SIGNING REMAINS FROM PREVIOUS STAGES - SEE PREVIOUS STAGE OR STAGES FOR SIGN TYPE AND LOCATION.



REVISIONS	
NAME	DATE

INTERSECTION IMPROVEMENT  
 WASHINGTON STREET - 75th STREET  
 MOT PLAN - STAGE 2A  
 75th STREET  
 SHEET 3 OF 4  
 STA. 128+00 TO STA. 156+50

CONSULTANT  
**TYLIN** INTERNATIONAL

City of **Naperville**

DRAWN: \_\_\_\_\_ SHEET NO. \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 APPROVED: \_\_\_\_\_  
 DATE: APRIL 11, 2008  
 SCALE: \_\_\_\_\_  
 JOB NO.: P-9I-494-00 PROJECT NO.: M-CMM-7003 (985)

MATCHLINE STA. 128+00 - SEE SHEET 2 OF 4

MATCHLINE STA. 142+50 - SEE BELOW

MATCHLINE STA. 142+50 - SEE ABOVE

MATCHLINE STA. 156+50 - SEE SHEET 4 OF 4

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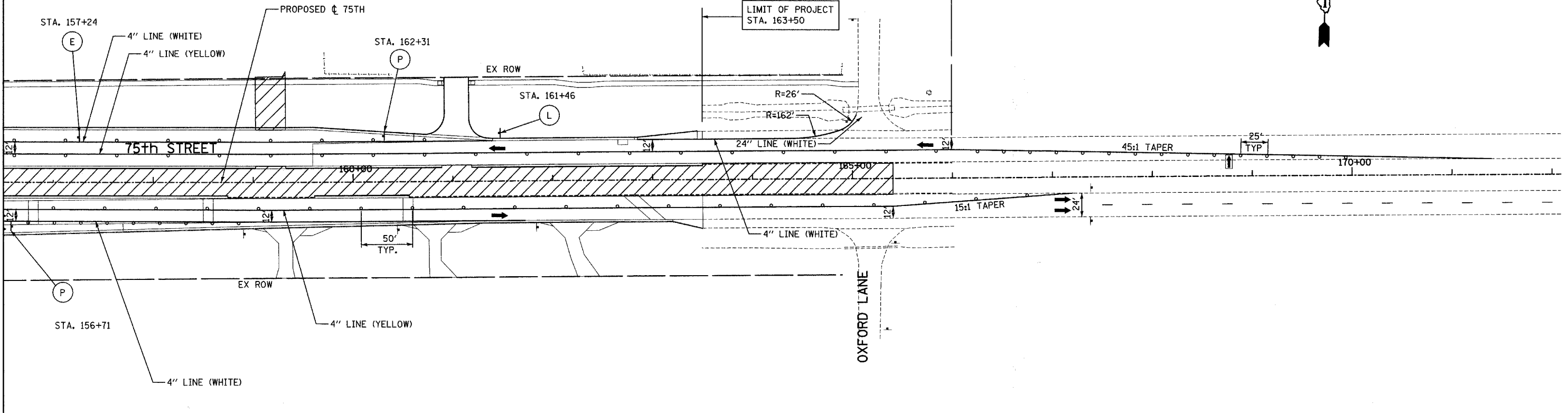
F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00114-00-PV	DUPAGE	563	109
STA. 156+50		TO STA. EOP		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
<b>CONTRACT NO. 63024</b>				



ADVANCE SIGNING  
PER HWY STD 701601 FOR  
APPROACH TO LANE CLOSURE  
LANE CLOSURE  
PER HWY STD 701601

LIMIT OF PROJECT  
STA. 163+50

MATCHLINE STA. 156+50 - SEE SHEET 3 OF 4

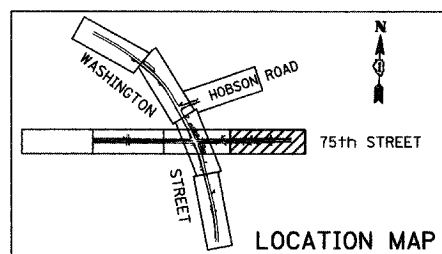
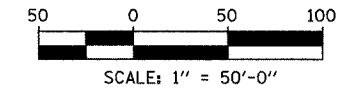


**LEGEND:**

- CONSTRUCTION ZONE
- TEMPORARY PAVEMENT
- TRAFFIC MOVEMENT
- TEMPORARY SIGN (SEE M.O.T. SIGNING LEGEND)
- TYPE II BARRICADES OR DRUMS W/ MONO-DIRECTIONAL STEADY BURNING LIGHT
- TYPE III BARRICADE W/2 FLASHING BIDIRECTIONAL LIGHTS
- TEMPORARY CONCRETE BARRIER
- ARROW BOARD
- M.O.T. APPURTENANCES REMAINING FROM PREVIOUS STAGES

**NOTE:**

SOME TEMPORARY M.O.T. SIGNING REMAINS FROM PREVIOUS STAGES - SEE PREVIOUS STAGE OR STAGES FOR SIGN TYPE AND LOCATION.



REVISIONS	
NAME	DATE

INTERSECTION IMPROVEMENT  
WASHINGTON STREET - 75th STREET  
MOT PLAN - STAGE 2A  
75th STREET  
SHEET 4 OF 4  
STA. 156+50 TO 163+50

CONSULTANT  
**TYLIN** INTERNATIONAL

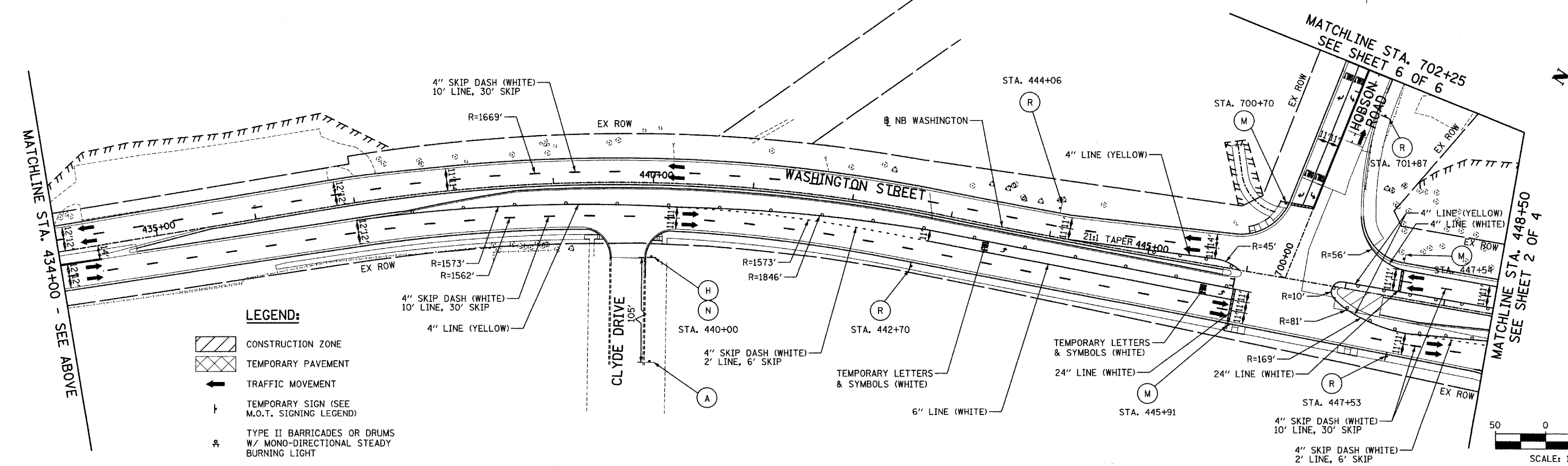
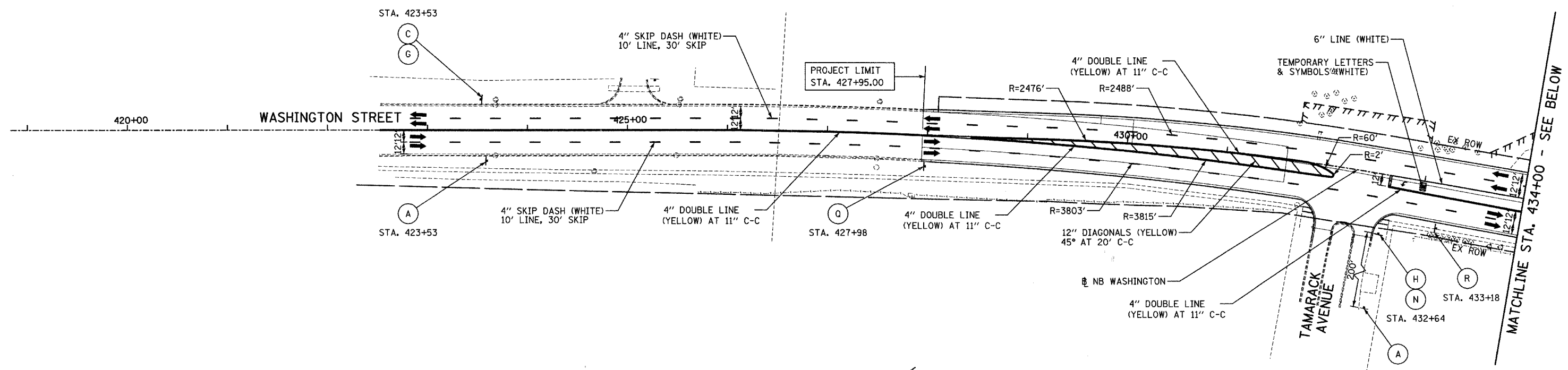
City of **Naperville**

DRAWN	SHEET NO.
CHECKED	
APPROVED	
DATE: APRIL 11, 2008	
SCALE:	
JOB NO: P-9I-494-00	PROJECT NO: M-CMM-7003 (985)

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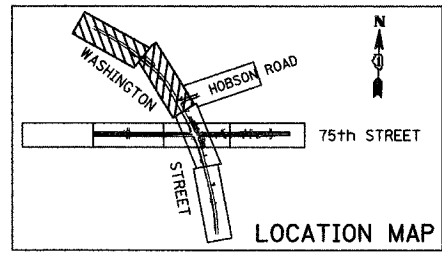
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00114-00-PV	DuPAGE	563	110
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 63024



- LEGEND:**
- CONSTRUCTION ZONE
  - TEMPORARY PAVEMENT
  - TRAFFIC MOVEMENT
  - TEMPORARY SIGN (SEE M.O.T. SIGNING LEGEND)
  - TYPE II BARRICADES OR DRUMS W/ MONO-DIRECTIONAL STEADY BURNING LIGHT
  - TYPE III BARRICADE W/2 FLASHING BIDIRECTIONAL LIGHTS
  - TEMPORARY CONCRETE BARRIER
  - ARROW BOARD
  - M.O.T. APPURTENANCES REMAINING FROM PREVIOUS STAGES

**NOTE:**  
SOME TEMPORARY M.O.T. SIGNING REMAINS FROM PREVIOUS STAGES - SEE PREVIOUS STAGES FOR SIGN TYPE AND LOCATION

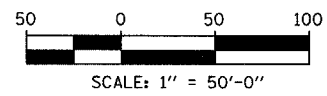


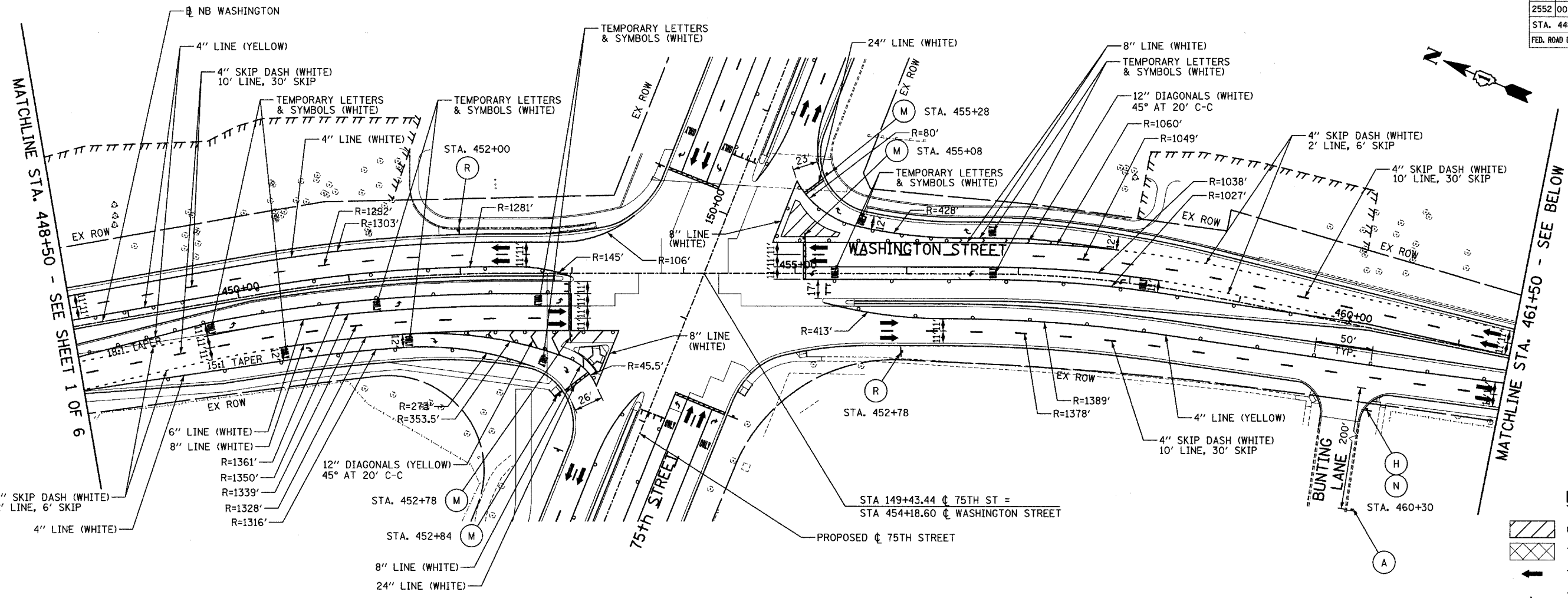
REVISIONS	
NAME	DATE

INTERSECTION IMPROVEMENT  
WASHINGTON STREET - 75th STREET  
MOT PLAN - STAGE 3  
WASHINGTON STREET  
SHEET 1 OF 6  
STA. 426+04.578 TO STA. 448+50  
CONSULTANT  
**TYLIN** INTERNATIONAL

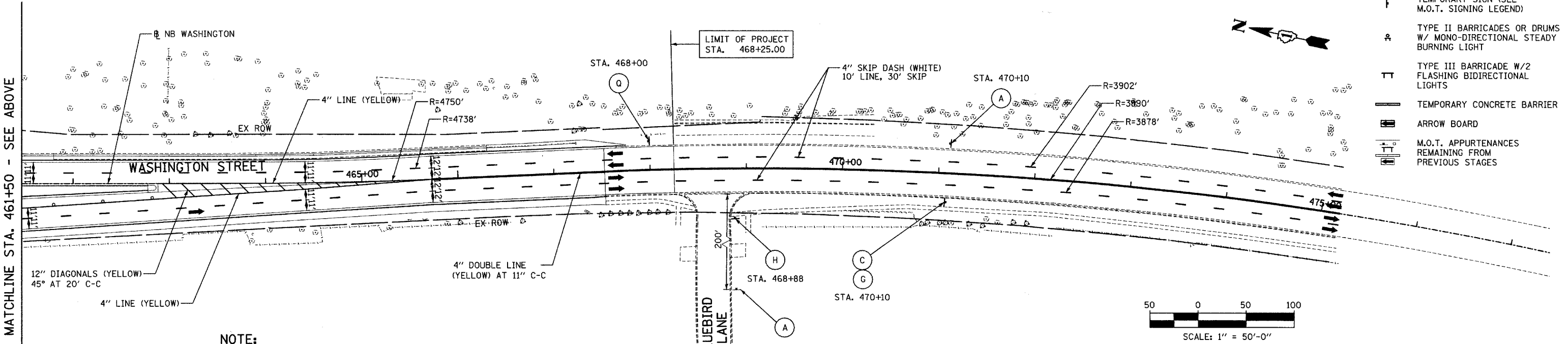
City of **Naperville**

DRAWN	SHEET NO.
CHECKED	
APPROVED	
DATE: APRIL 11, 2008	
SCALE	
JOB NO. P-91-494-00	PROJECT NO. M-CMM-7003 (985)

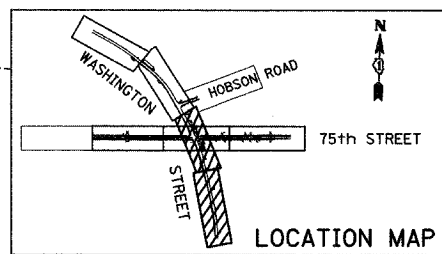
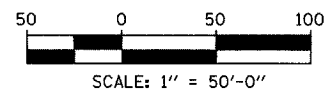




- LEGEND:**
- CONSTRUCTION ZONE
  - TEMPORARY PAVEMENT
  - TRAFFIC MOVEMENT
  - TEMPORARY SIGN (SEE M.O.T. SIGNING LEGEND)
  - TYPE II BARRICADES OR DRUMS W/ MONO-DIRECTIONAL STEADY BURNING LIGHT
  - TYPE III BARRICADE W/2 FLASHING BIDIRECTIONAL LIGHTS
  - TEMPORARY CONCRETE BARRIER
  - ARROW BOARD
  - M.O.T. APPURTENANCES REMAINING FROM PREVIOUS STAGES



**NOTE:**  
SOME TEMPORARY M.O.T. SIGNING REMAINS FROM PREVIOUS STAGES - SEE PREVIOUS STAGE OR STAGES FOR SIGN TYPE AND LOCATION.



REVISIONS	
NAME	DATE

INTERSECTION IMPROVEMENT  
WASHINGTON STREET - 75th STREET  
MOT PLAN - STAGE 3  
WASHINGTON STREET  
SHEET 2 OF 6  
STA. 448+50 TO STA. 467+55

CONSULTANT  
**TYLIN INTERNATIONAL**

City of **Naperville**

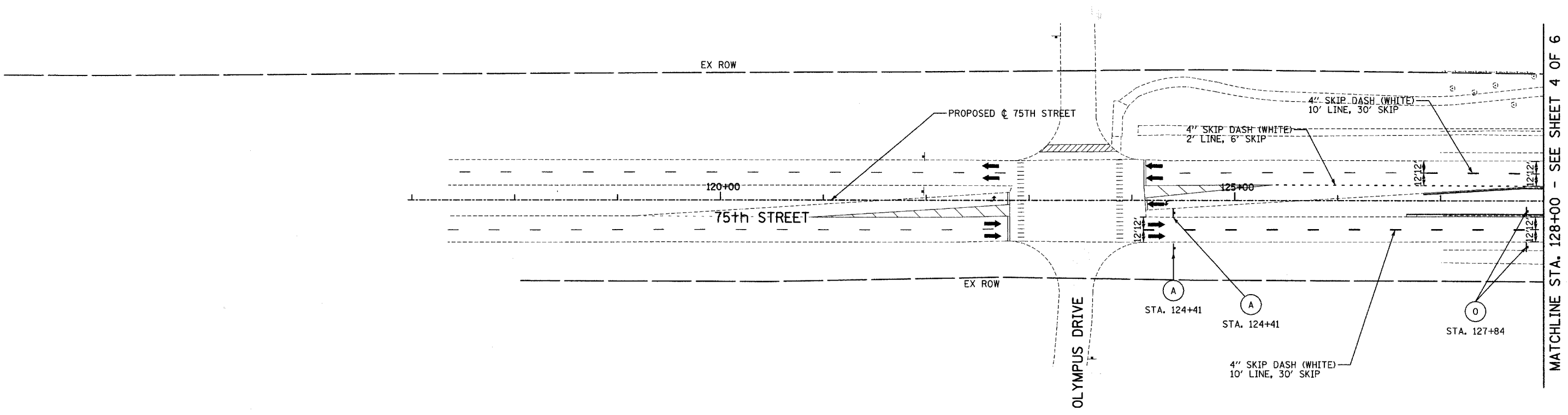
DRAWN:	SHEET NO.
CHECKED:	
APPROVED:	
DATE: APRIL 11, 2008	
SCALE:	
JOB NO.: P-91-494-00	PROJECT NO.: M-CMM-7003 (985)

MATCHLINE STA. 461+50 - SEE ABOVE

MATCHLINE STA. 448+50 - SEE SHEET 1 OF 6

MATCHLINE STA. 461+50 - SEE BELOW

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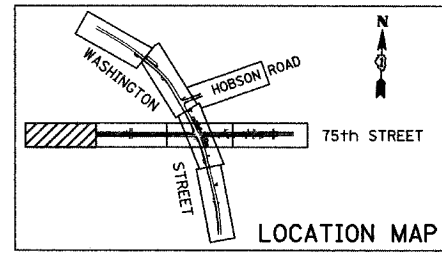
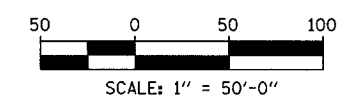
MATCHLINE STA. 128+00 - SEE SHEET 4 OF 6



**LEGEND:**

- CONSTRUCTION ZONE
- TEMPORARY PAVEMENT
- TRAFFIC MOVEMENT
- TEMPORARY SIGN (SEE M.O.T. SIGNING LEGEND)
- TYPE II BARRICADES OR DRUMS W/ MONO-DIRECTIONAL STEADY BURNING LIGHT
- TYPE III BARRICADE W/2 FLASHING BIDIRECTIONAL LIGHTS
- TEMPORARY CONCRETE BARRIER
- ARROW BOARD
- M.O.T. APPURTENANCES REMAINING FROM PREVIOUS STAGES

**NOTE:**  
SOME TEMPORARY M.O.T. SIGNING REMAINS FROM PREVIOUS STAGES - SEE PREVIOUS STAGE OR STAGES FOR SIGN TYPE AND LOCATION.



REVISIONS	
NAME	DATE

**INTERSECTION IMPROVEMENT**  
**WASHINGTON STREET - 75th STREET**  
**MOT PLAN - STAGE 3**  
**75th STREET**  
 SHEET 3 OF 6  
 STA. 117+00 TO STA. 128+00

CONSULTANT  
**TYLIN INTERNATIONAL**

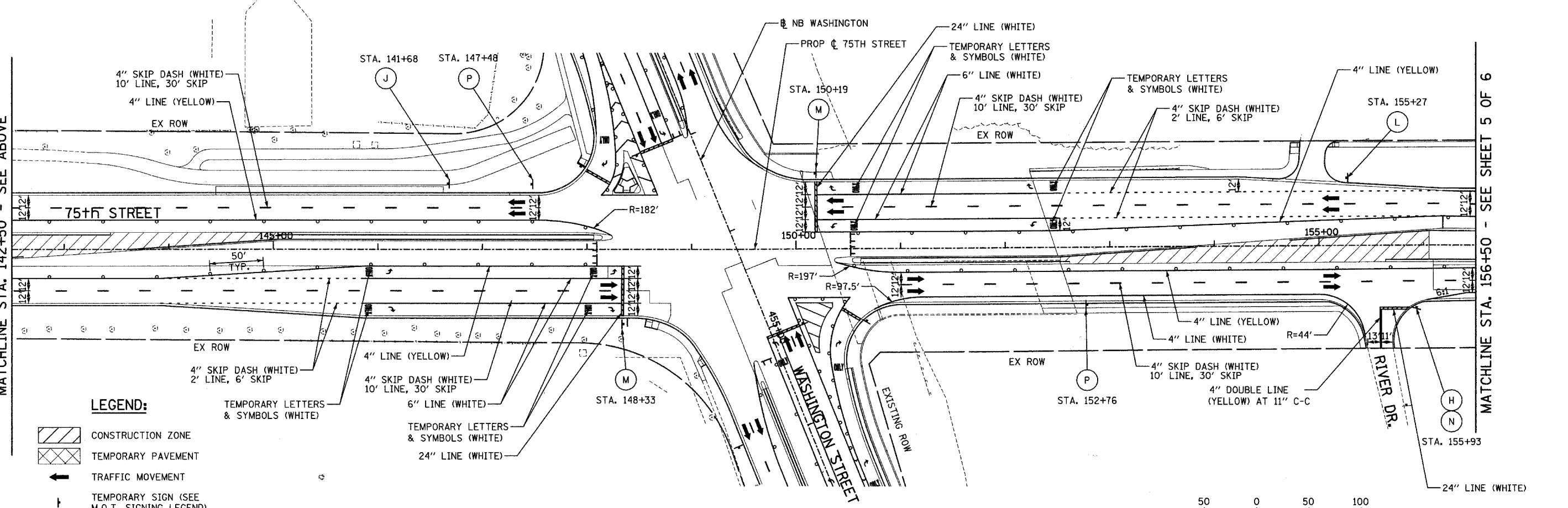
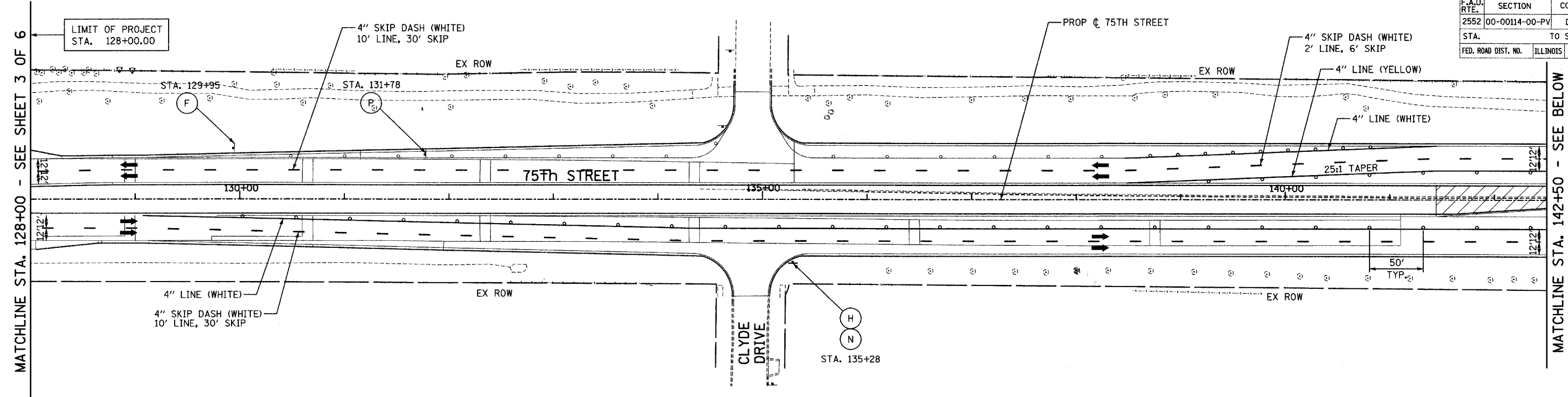
City of **Naperville**

DRAWN:	SHEET NO.
CHECKED:	
APPROVED:	
DATE: APRIL 11, 2008	
SCALE:	
JOB NO.: P-91-494-00	PROJECT NO.: M-CMM-7003 (985)

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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00114-00-PV	DUPAGE	563	113
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 63024

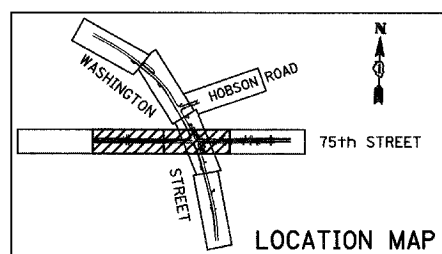
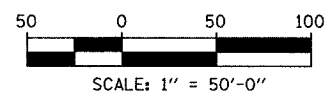


**LEGEND:**

- CONSTRUCTION ZONE
- TEMPORARY PAVEMENT
- TRAFFIC MOVEMENT
- TEMPORARY SIGN (SEE M.O.T. SIGNING LEGEND)
- TYPE II BARRICADES OR DRUMS W/ MONO-DIRECTIONAL STEADY BURNING LIGHT
- TYPE III BARRICADE W/2 FLASHING BIDIRECTIONAL LIGHTS
- TEMPORARY CONCRETE BARRIER
- ARROW BOARD
- M.O.T. APPURTENANCES REMAINING FROM PREVIOUS STAGES

**NOTE:**

SOME TEMPORARY M.O.T. SIGNING REMAINS FROM PREVIOUS STAGES - SEE PREVIOUS STAGE OR STAGES FOR SIGN TYPE AND LOCATION.



REVISIONS	
NAME	DATE

INTERSECTION IMPROVEMENT  
 WASHINGTON STREET - 75th STREET  
 MOT PLAN - STAGE 3  
 75th STREET  
 SHEET 4 OF 6  
 STA. 128+00 TO STA. 156+50

CONSULTANT  
**TYLIN** INTERNATIONAL

City of **Naperville**

DRAWN: \_\_\_\_\_ SHEET NO. \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 APPROVED: \_\_\_\_\_  
 DATE: APRIL 11, 2008  
 SCALE: \_\_\_\_\_  
 JOB NO.: P-91-494-00 PROJECT NO.: M-CMM-7003 (985)

MATCHLINE STA. 142+50 - SEE ABOVE

MATCHLINE STA. 128+00 - SEE SHEET 3 OF 6

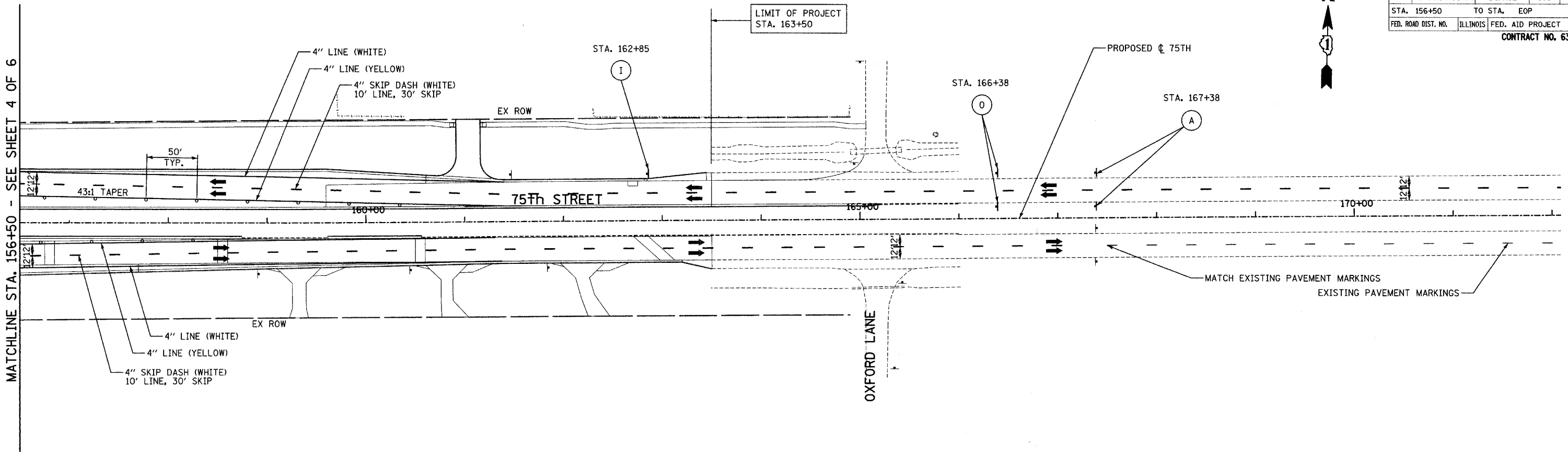
MATCHLINE STA. 142+50 - SEE BELOW

MATCHLINE STA. 156+50 - SEE SHEET 5 OF 6



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F.A.B. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00114-00-PV	DuPAGE	563	114
STA. 156+50	TO STA. EOP			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
<b>CONTRACT NO. 63024</b>				

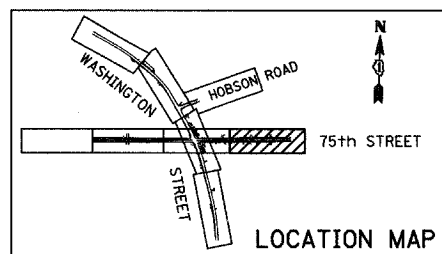
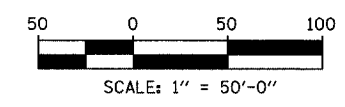


MATCHLINE STA. 156+50 - SEE SHEET 4 OF 6

**LEGEND:**

- CONSTRUCTION ZONE
- TEMPORARY PAVEMENT
- TRAFFIC MOVEMENT
- TEMPORARY SIGN (SEE M.O.T. SIGNING LEGEND)
- TYPE II BARRICADES OR DRUMS W/ MONO-DIRECTIONAL STEADY BURNING LIGHT
- TYPE III BARRICADE W/2 FLASHING BIDIRECTIONAL LIGHTS
- TEMPORARY CONCRETE BARRIER
- ARROW BOARD
- M.O.T. APPURTENANCES REMAINING FROM PREVIOUS STAGES

**NOTE:**  
SOME TEMPORARY M.O.T. SIGNING REMAINS FROM PREVIOUS STAGES - SEE PREVIOUS STAGE OR STAGES FOR SIGN TYPE AND LOCATION.



REVISIONS	
NAME	DATE

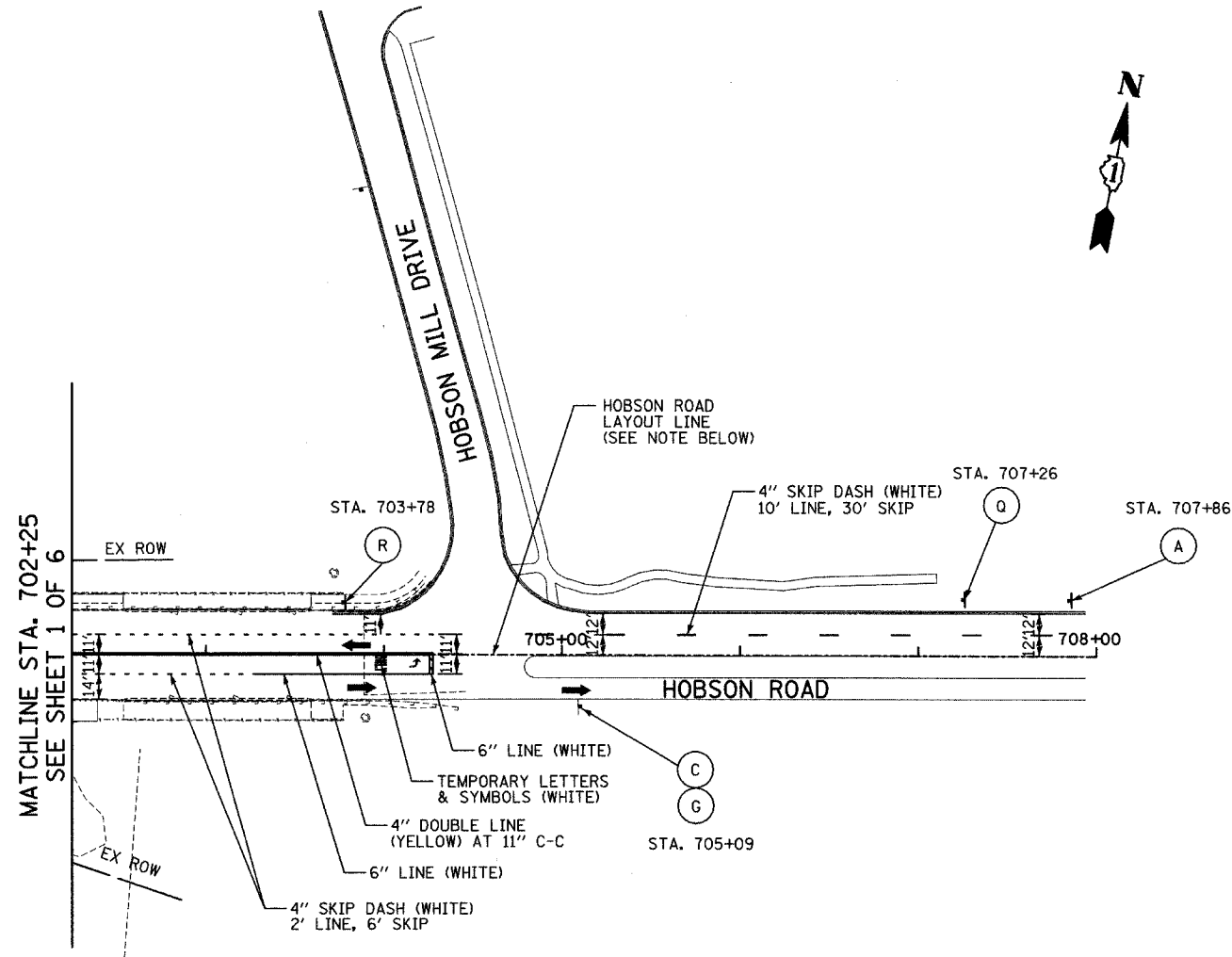
**INTERSECTION IMPROVEMENT**  
**WASHINGTON STREET - 75th STREET**  
**MOT PLAN - STAGE 3**  
**75th STREET**  
 SHEET 5 OF 6  
 STA. 156+50 TO 163+50

CONSULTANT  
**TYLIN INTERNATIONAL**

City of **Naperville**

DRAWN:	SHEET NO.
CHECKED:	
APPROVED:	
DATE: APRIL 11, 2008	
SCALE:	
JOB NO.: P-91-494-00	PROJECT NO.: M-CMM-7003 (985)

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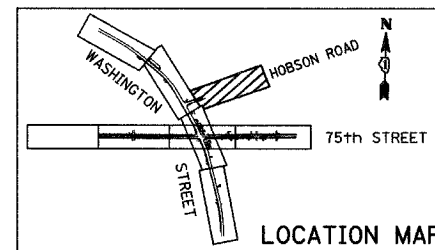
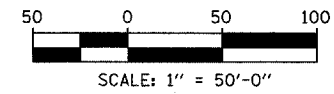


**LEGEND:**

- CONSTRUCTION ZONE
- TEMPORARY PAVEMENT
- TRAFFIC MOVEMENT
- TEMPORARY SIGN (SEE M.O.T. SIGNING LEGEND)
- TYPE II BARRICADES OR DRUMS W/ MONO-DIRECTIONAL STEADY BURNING LIGHT
- TYPE III BARRICADE W/2 FLASHING BIDIRECTIONAL LIGHTS
- TEMPORARY CONCRETE BARRIER
- ARROW BOARD

**NOTES:**

1. THE HOBSON ROAD LAYOUT LINE IS PROVIDED FOR CONTRACTOR CONVENIENCE ONLY. THE LINE IS TIED TO THE HOBSON ROAD CENTERLINE TO THE WEST. HOWEVER, THE LINE IS NOT TIED TO THE EAST.
2. SOME TEMPORARY M.O.T. SIGNING REMAINS FROM PREVIOUS STAGES - SEE PREVIOUS STAGE OR STAGES FOR SIGN TYPE AND LOCATION.



REVISIONS	
NAME	DATE

**INTERSECTION IMPROVEMENT**  
 WASHINGTON STREET - 75th STREET  
**MOT PLAN - STAGE 3**  
 WASHINGTON STREET (HOBSON RD)  
 SHEET 6 OF 6  
 STA. 702+25 TO STA. 708+00  
 CONSULTANT  
**TYLIN INTERNATIONAL**

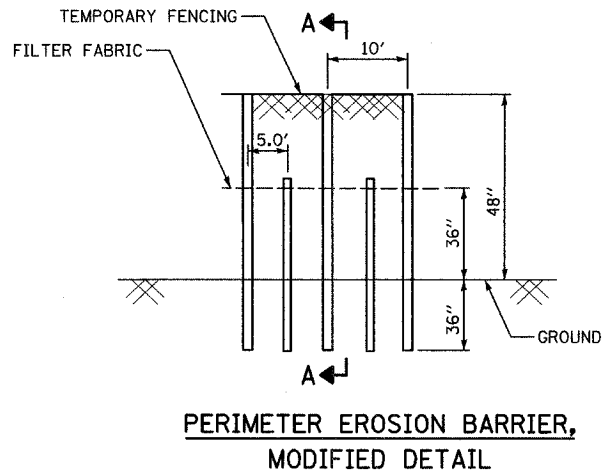
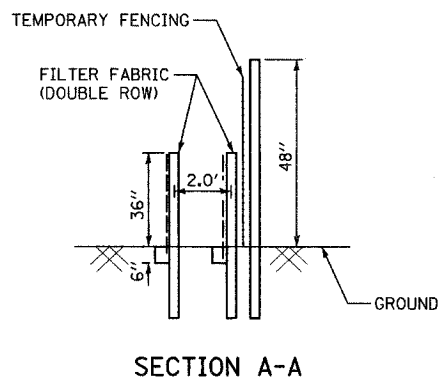
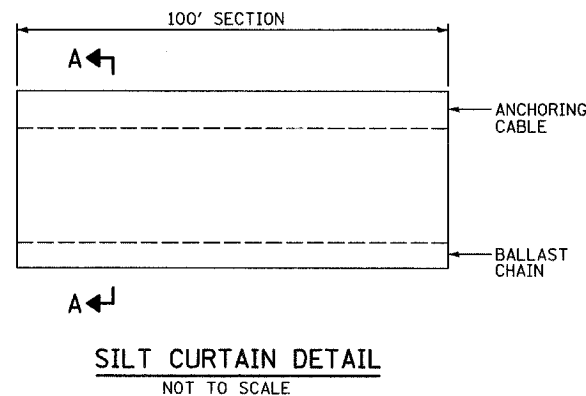
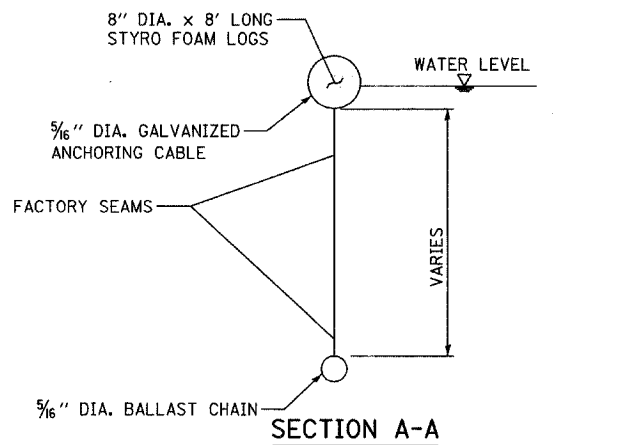
City of **Naperville**

DRAWN:	SHEET NO.
CHECKED:	
APPROVED:	
DATE: APRIL 11, 2008	
SCALE:	
JOB NO: P-91-494-00	PROJECT NO: M-CMM-7003 (985)

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**EROSION CONTROL GENERAL NOTES:**

1. THE SURFACE OF STRIPPED OR DISTURBED AREAS SHALL BE PERMANENTLY OR TEMPORARILY STABILIZED WITHIN 14 DAYS AFTER FINAL GRADE IS REACHED OR WHEN LEFT IDLE FOR MORE THAN 14 DAYS. TEMPORARY EROSION CONTROL AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED CONTINUOUSLY UNTIL PERMANENT SOIL EROSION CONTROL MEASURES HAVE BEEN ADEQUATELY ESTABLISHED.
2. STOCKPILES OF SOIL SHALL NOT BE LOCATED IN SPECIAL MANAGEMENT AREAS.
3. IF A STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN 3 DAYS, THEN EROSION AND SEDIMENT CONTROL SHALL BE PROVIDED FOR SUCH STOCKPILE.
4. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL STABILIZATION IS ACHIEVED WITH PERMANENT SOIL STABILIZATION MEASURES. TRAPPED SEDIMENT AND OTHER DISTURBED SOILS RESULTING FROM TEMPORARY MEASURES SHALL BE PROPERLY DISPOSED OF AND THE AREA PERMANENTLY STABILIZED.
5. INLET FILTERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REPAIRS SHALL BE MADE IMMEDIATELY. WHEN CLOGGING OCCURS, INLET FILTERS SHALL BE CLEANED OR REPLACED AS DIRECTED BY THE ENGINEER.
6. UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS IN THE ILLINOIS URBAN MANUAL REVISED FEBRUARY 2002.
7. THE KANE-DUPAGE SOIL AND WATER CONSERVATION DISTRICT (KDSWCD) MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRE-CONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITIES, AND ONE WEEK PRIOR TO FINAL INSPECTION.
8. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
9. PRIOR TO COMMENCING LAND DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS (INCLUDING, BUT NOT LIMITED TO, ADDITIONAL PHASES OF DEVELOPMENT AND OFF-SITE BORROW OR WASTE AREAS) A SUPPLEMENTARY EROSION CONTROL PLAN SHALL BE SUBMITTED TO THE OWNER FOR REVIEW BY THE KDSWCD.
10. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY KDSWCD.
11. DURING DEWATERING OPERATIONS, WATER WILL BE PUMPED INTO SEDIMENT BASINS OR SILT TRAPS. DEWATERING DIRECTLY INTO FIELD TILES OR STORMWATER STRUCTURES IS PROHIBITED.
12. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INFORM ANY SUB-CONTRACTORS, WHO MAY PERFORM WORK ON THIS PROJECT, OF THE REQUIREMENTS OF IMPLEMENTING AND MAINTAINING THESE EROSION CONTROL PLANS AND THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT REQUIREMENTS SET FORTH BY THE ILLINOIS EPA.
13. ALL ADJACENT STREETS MUST BE KEPT CLEAR OF DEBRIS, INSPECTED DAILY AND CLEANED WHEN NECESSARY BY THE CONTRACTOR.
14. ALL DISTURBED AREAS AND WORK AREAS MUST BE ISOLATED FROM CREEK FLOWS AT ALL TIMES. THE DIVERSION/ISOLATION OF THE CREEK FLOWS MUST BE CONSTRUCTED FROM NON-ERODIBLE MATERIALS. THE KDSWCD MUST BE IN AGREEMENT WITH OVERALL EXACT METHOD OF DIVERSION/ISOLATION PRIOR TO COMMENCEMENT OF CONSTRUCTION.
15. REFER TO STRUCTURAL SHEET - GEN NOTES, SHT INDEX, BILL OF MATERIAL - FOR CONSTRUCTION SEQUENCE FOR THE REPLACEMENT OF THE BRIDGE OVER THE WEST BRANCH DUPAGE RIVER.
16. THE SIDE SLOPES MUST BE GRADED, RESEEDED AND STABILIZED WITH AN APPROPRIATE EROSION CONTROL BLANKET PRIOR TO ACCEPTING FLOWS. THE BOTTOM OF THE SWALE MUST BE BROUGHT BACK TO ITS ORIGINAL GRADE AND STABLE ENOUGH TO ACCEPT FLOWS.
17. THE EROSION CONTROL BLANKET FOR THIS PROJECT SHALL BE EXCELSIOR BLANKET, AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR "EROSION CONTROL BLANKET".



- PERIMETER EROSION BARRIER, MODIFIED DETAIL**
1. TEMPORARY FENCE SHALL BE FASTENED SECURELY TO THE FENCE POSTS WITH WIRE TIES.
  2. FILTER FABRIC SHALL BE FASTENED SECURELY TO THE TEMPORARY FENCE WITH WIRE TIES, SEE STD 280001.

Route: 75th Street at Washington Street  
Section: 00-00114-00-PV

Soil Stabilization Chart

Erosion Control / Sediment Control	Jan 1	Feb 2	Mar 3	April 4	May 5	June 6	July 7	Aug 8	Sept 9	Oct 10	Nov 11	Dec 12
<b>Temp Erosion Control Seeding and Blanket</b> Early spring - Sept 30 (oats to July 1st) application: 100 lb / acre												
<b>Permanent Vegetation Seeding</b> Spring: Early Spring - June 1 Class 2A: Apr 1 - June 15 & Aug 1 - Nov 1 Fall: Aug 1 - Sept 1 Class 4 & 4B: May 15 - June 30 & Oct 15 - Dec 1 Dormant: Nov 1 - March 15												
<b>Perennial Plants</b> Bulbs: Oct 15 - Nov 16 Ornamental Herbaceous, Prairie, Wetland Emergent & Sedge Meadow Plants: May 1 - June 15 or Aug 15 - Sept 15 Woodland Type Plants: April 1 - May 15												
<b>Tree/Shrub Planting</b> Spring planting of balled and burlapped & container stock time soil can be worked until the plant is not dormant Seedlings, broadleaf evergreens, vines & willow, poplar, oak, alder, birch, hawthorn, red maple, cherry & pear only in spring Evergreens Spring: workable soil - April 30 Bare root plant material: spring (35 deg F min) - May 15 Fall planting of balled and burlapped: dormant - soil workable Evergreen Fall: Sept 1 - <del>Oct 1</del> October 15												
<b>Fertilizer</b> March 1 - May 30 or Aug 1 - Sept 30												
<b>Sediment Control Silt Fence, Silt Curtain: year round</b>												


**PERIMETER EROSION BARRIER/SEDIMENT CONTROL, SILT FENCE MAINTENANCE**

1. PERIMETER EROSION BARRIER/SEDIMENT CONTROL, SILT FENCE SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REPAIRS SHALL BE MADE IMMEDIATELY.
2. SHOULD THE FABRIC DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER IS STILL NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY.
3. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY HALF THE HEIGHT OF THE BARRIER.
4. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE OR FILTER BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM WITH THE EXISTING GRADE, PREPARED AND SEEDDED.

REVISIONS	
NAME	DATE

INTERSECTION IMPROVEMENT  
WASHINGTON STREET - 75th STREET  
EROSION CONTROL  
GENERAL NOTES AND DETAILS  
SHEET 1 OF 2

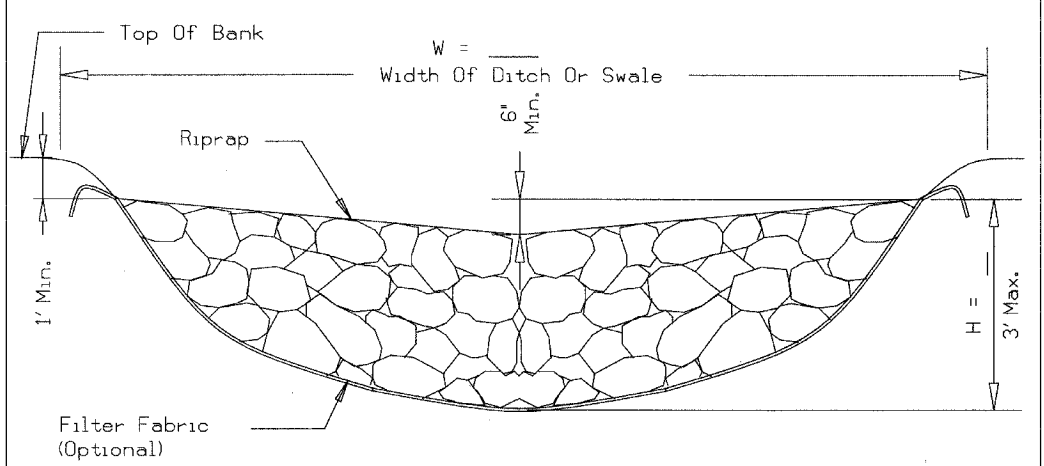
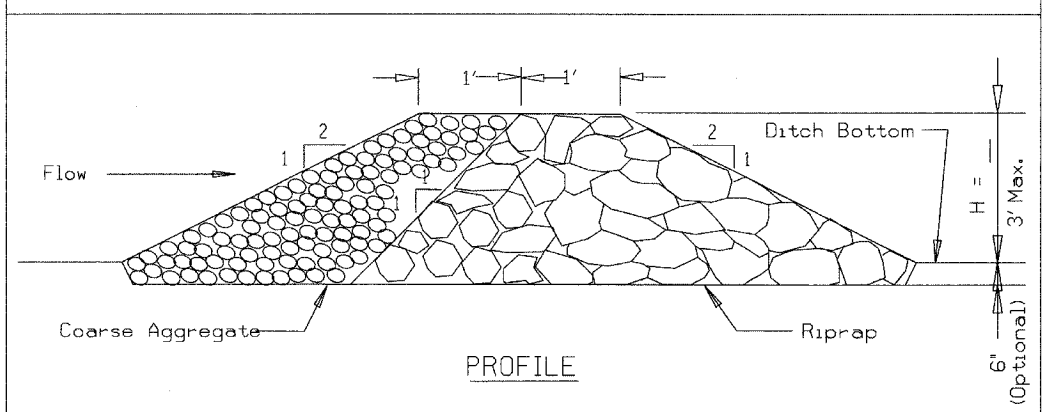
CONSULTANT  
**TYLIN INTERNATIONAL**

City of  **Naperville**

DRAWN: \_\_\_\_\_ SHEET NO. \_\_\_\_\_  
CHECKED: \_\_\_\_\_  
APPROVED: \_\_\_\_\_  
DATE: APRIL 11, 2008  
SCALE: NONE  
JOB NO.: P-91-494-00 PROJECT NO.: M-CMM-7003 (985)



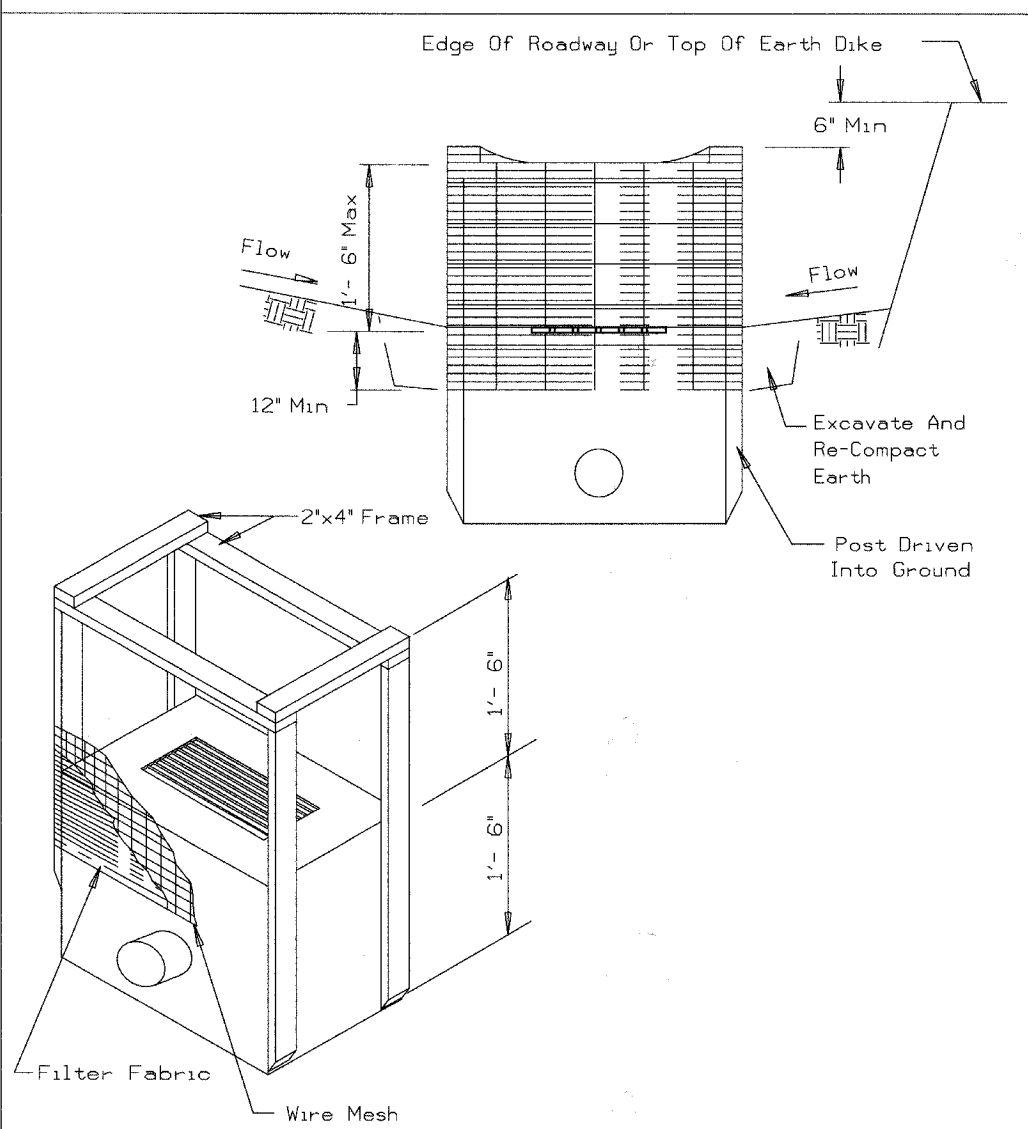
### ROCK CHECK DAM - RIPRAP



- NOTES:**
- Filter fabric shall meet the requirements of material specification 592 GEOTEXTILE, Table 1 or 2, Class I, II, or IV and shall be placed over the cleared area prior to the placing of rock.
  - Coarse aggregate shall meet one of the following IDOT gradations, CA-1, CA-2, CA-3, or CA-4.
  - Riprap shall meet IDOT gradation RR-3 or RR-4 and meet Quality Designation A.
  - Coarse aggregate and riprap shall be placed according to construction specification 25 ROCKFILL using placement Method 1 and Class III compaction.
  - For added stability, the base of the dam may be keyed 6 inches into the soil.
  - See plans for spacing of dams and H dimensions.
  - Maximum drainage area to each dam is 10 acres.
  - ROCK CHECK DAM-COARSE AGGREGATE IL-605CA may be used for drainage areas under 2 acres.


REFERENCE Project _____	 <p><b>NRCS</b> Natural Resources Conservation Service</p>	STANDARD DWG. NO. IL-605R
Designed _____ Date _____		SHEET 1 OF 1
Checked _____ Date _____		DATE 1-29-99
Approved _____ Date _____		

### INLET PROTECTION - FABRIC DROP PLAN

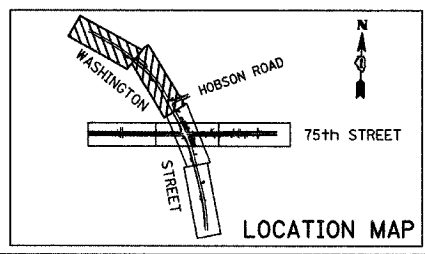
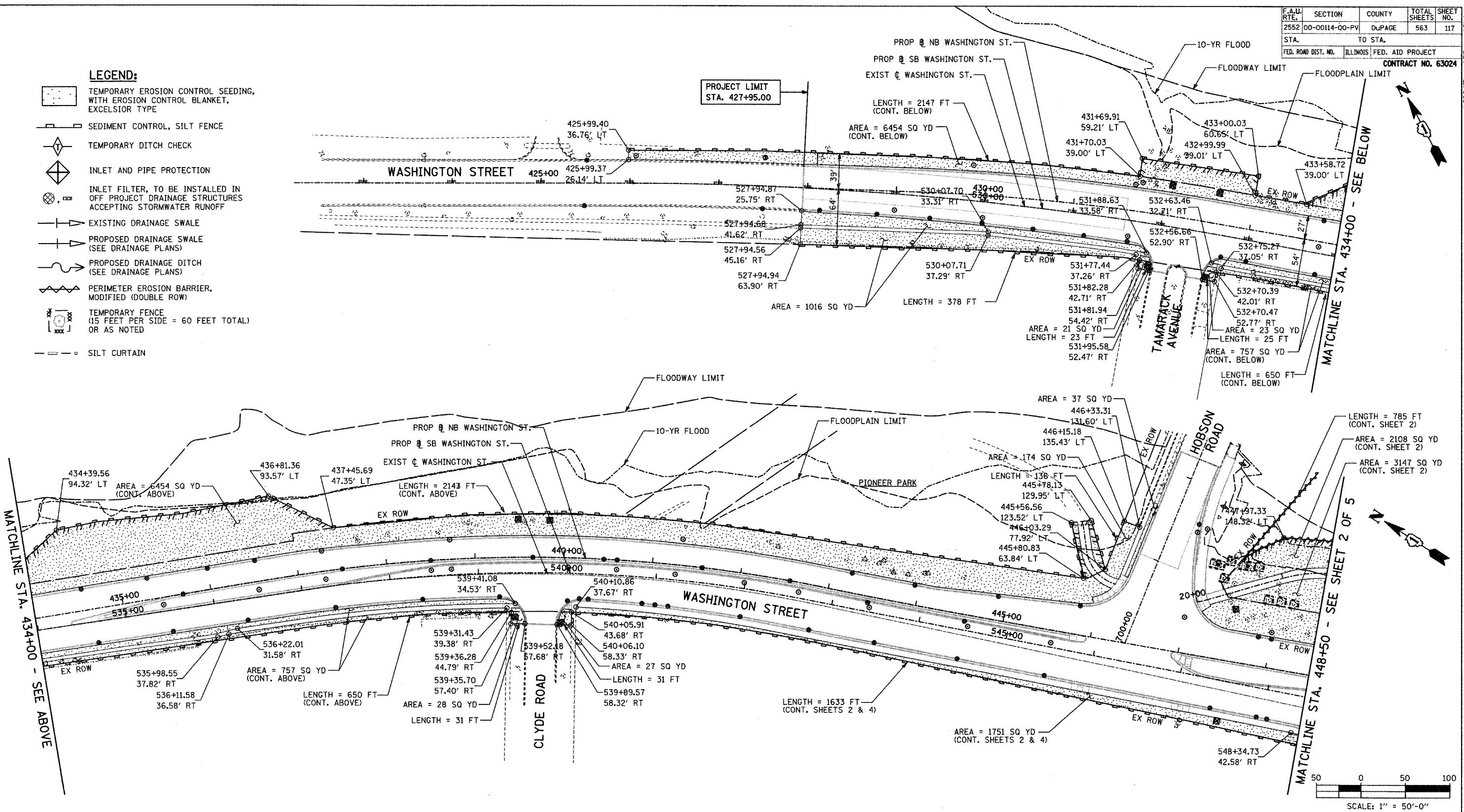


- NOTES:**
- Filter fabric shall meet the requirement of material specification 592 GEOTEXTILE table 1 or 2, class , with an EOS of at least 30 for nonwoven and 50 for woven.
  - The wire mesh shall have a maximum opening of at least 6 inches.
  - Limit drainage area to the inlet protection to 1 acre.

REFERENCE Project _____	 <p><b>NRCS</b> Natural Resources Conservation Service</p>	STANDARD DWG. NO. IL-560
Designed _____ Date _____		SHEET 1 OF 1
Checked _____ Date _____		DATE 6-29-93
Approved _____ Date _____		

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	REVISIONS																							
	NAME	DATE																						

- LEGEND:**
- TEMPORARY EROSION CONTROL SEEDING, WITH EROSION CONTROL BLANKET, EXCELSIOR TYPE
  - SEDIMENT CONTROL, SILT FENCE
  - TEMPORARY DITCH CHECK
  - INLET AND PIPE PROTECTION
  - INLET FILTER, TO BE INSTALLED IN OFF PROJECT DRAINAGE STRUCTURES ACCEPTING STORMWATER RUNOFF
  - EXISTING DRAINAGE SWALE
  - PROPOSED DRAINAGE SWALE (SEE DRAINAGE PLANS)
  - PROPOSED DRAINAGE DITCH (SEE DRAINAGE PLANS)
  - PERIMETER EROSION BARRIER, MODIFIED (DOUBLE ROW)
  - TEMPORARY FENCE (15 FEET PER SIDE = 60 FEET TOTAL) OR AS NOTED
  - SILT CURTAIN



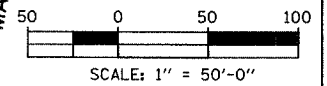
REVISIONS	
NAME	DATE

INTERSECTION IMPROVEMENT  
 WASHINGTON STREET - 75th STREET  
 EROSION CONTROL  
 WASHINGTON STREET  
 SHEET 1 OF 5  
 STA. 426+04.578 TO STA. 448+50

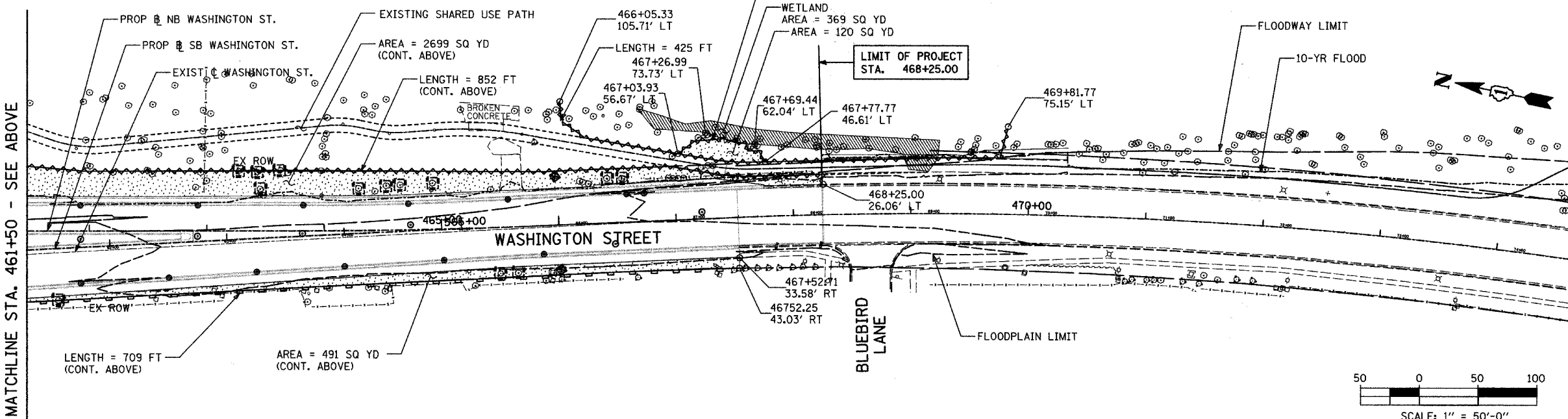
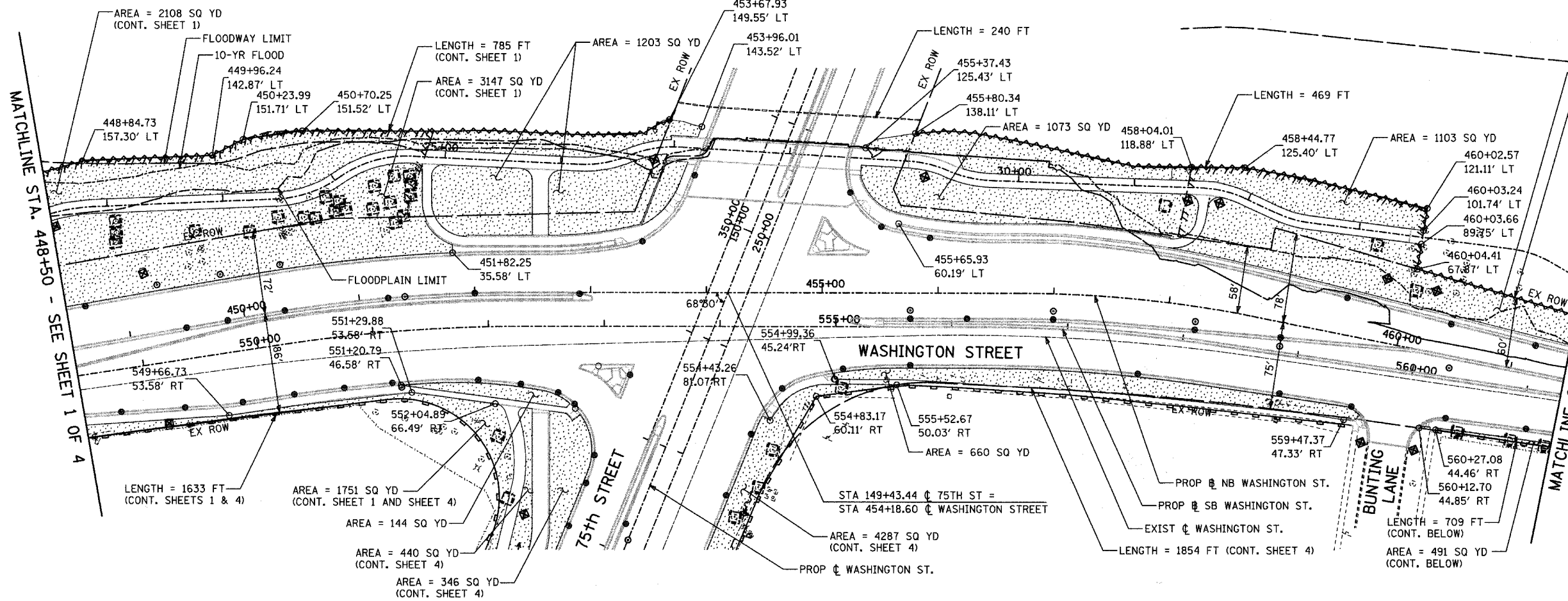
CONSULTANT  
**TYLIN INTERNATIONAL**

City of **Naperville**

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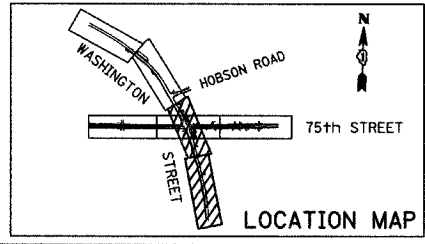
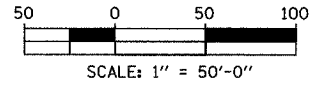


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00114-00-PV	DUPAGE	563	118
STA. 448+50		TO STA. 467+55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	CONTRACT NO. 63024	



**LEGEND:**

- TEMPORARY EROSION CONTROL SEEDING, WITH EROSION CONTROL BLANKET, EXCELSIOR TYPE
- SEDIMENT CONTROL, SILT FENCE
- TEMPORARY DITCH CHECK
- INLET AND PIPE PROTECTION
- INLET FILTER, TO BE INSTALLED IN OFF PROJECT DRAINAGE STRUCTURES ACCEPTING STORMWATER RUNOFF
- EXISTING DRAINAGE SWALE
- PROPOSED DRAINAGE SWALE (SEE DRAINAGE PLANS)
- PROPOSED DRAINAGE DITCH (SEE DRAINAGE PLANS)
- PERIMETER EROSION BARRIER, MODIFIED (DOUBLE ROW)
- TEMPORARY FENCE (15 FEET PER SIDE = 60 FEET TOTAL) OR AS NOTED
- SILT CURTAIN



REVISIONS	
NAME	DATE

INTERSECTION IMPROVEMENT  
 WASHINGTON STREET - 75th STREET  
 EROSION CONTROL  
 WASHINGTON STREET  
 SHEET 2 OF 5  
 STA. 448+50 TO STA. 467+55  
 CONSULTANT  
 TYLIN INTERNATIONAL

City of **Naperville**

DRAWN: \_\_\_\_\_ SHEET NO. \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
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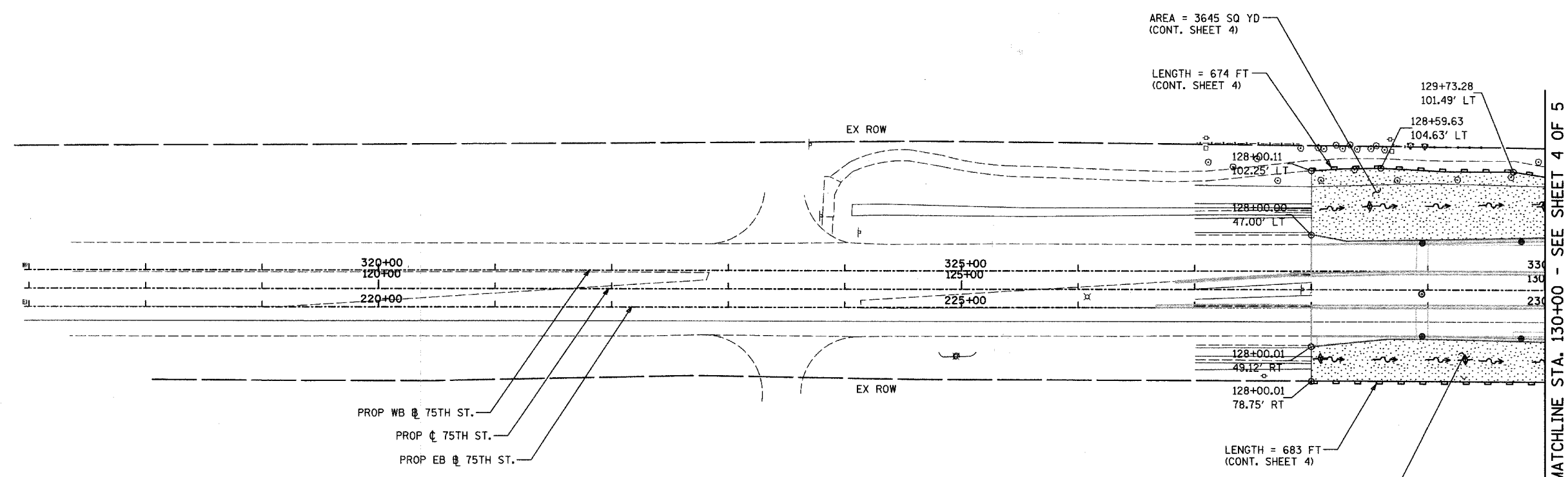
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MATCHLINE STA. 448+50 - SEE SHEET 1 OF 4

MATCHLINE STA. 461+50 - SEE BELOW












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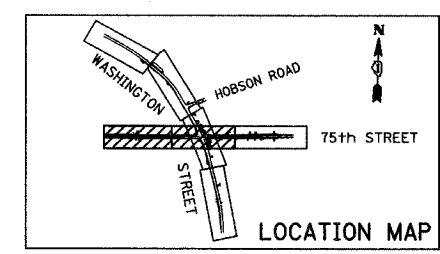
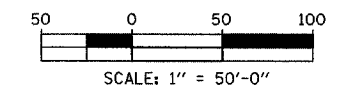
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00114-00-PV	DuPAGE	563	119
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	CONTRACT NO. 63024	



MATCHLINE STA. 130+00 - SEE SHEET 4 OF 5


**LEGEND:**

-  TEMPORARY EROSION CONTROL SEEDING, WITH EROSION CONTROL BLANKET, EXCELSIOR TYPE
-  SEDIMENT CONTROL, SILT FENCE
-  TEMPORARY DITCH CHECK
-  INLET AND PIPE PROTECTION
-  INLET FILTER, TO BE INSTALLED IN OFF PROJECT DRAINAGE STRUCTURES ACCEPTING STORMWATER RUNOFF
-  EXISTING DRAINAGE SWALE
-  PROPOSED DRAINAGE SWALE (SEE DRAINAGE PLANS)
-  PROPOSED DRAINAGE DITCH (SEE DRAINAGE PLANS)
-  PERIMETER EROSION BARRIER, MODIFIED (DOUBLE ROW)
-  TEMPORARY FENCE (15 FEET PER SIDE = 60 FEET TOTAL) OR AS NOTED
-  SILT CURTAIN



REVISIONS	
NAME	DATE

**INTERSECTION IMPROVEMENT**  
**WASHINGTON STREET - 75th STREET**  
**EROSION CONTROL**  
**75th STREET**  
 SHEET 3 OF 5  
 STA. 117+00 TO STA. 130+00  
 CONSULTANT  
**TYLIN INTERNATIONAL**

City of  **Naperville**

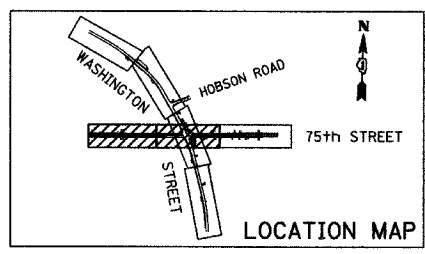
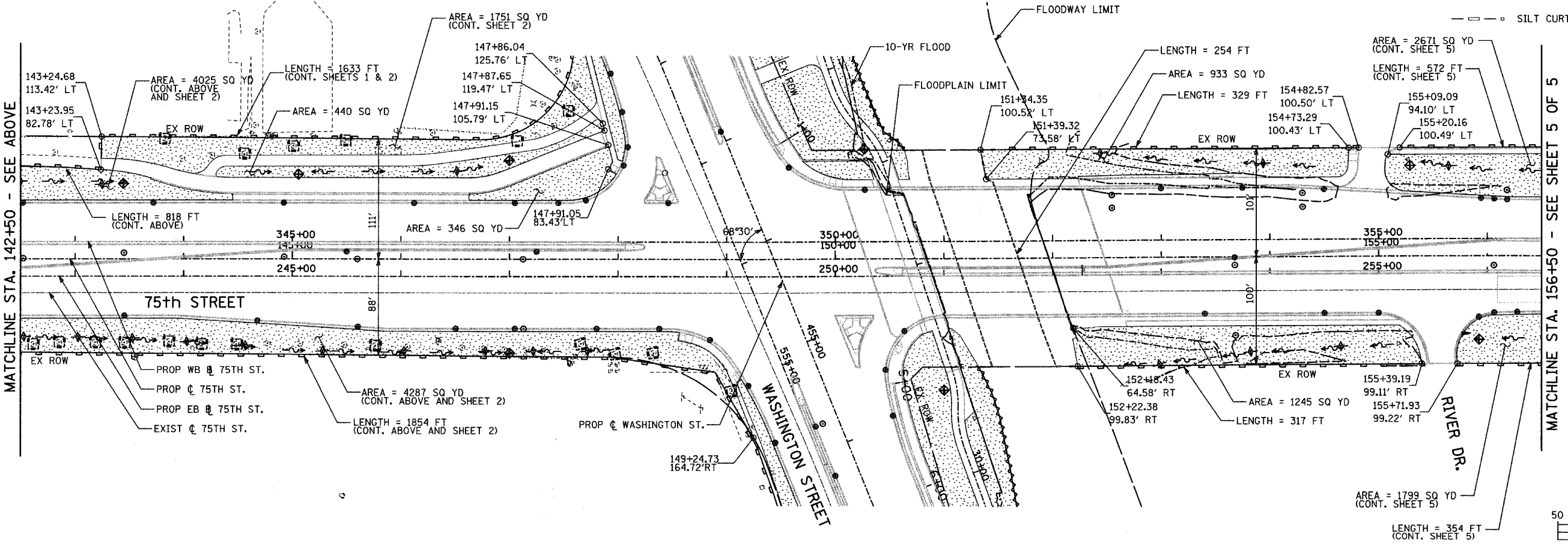
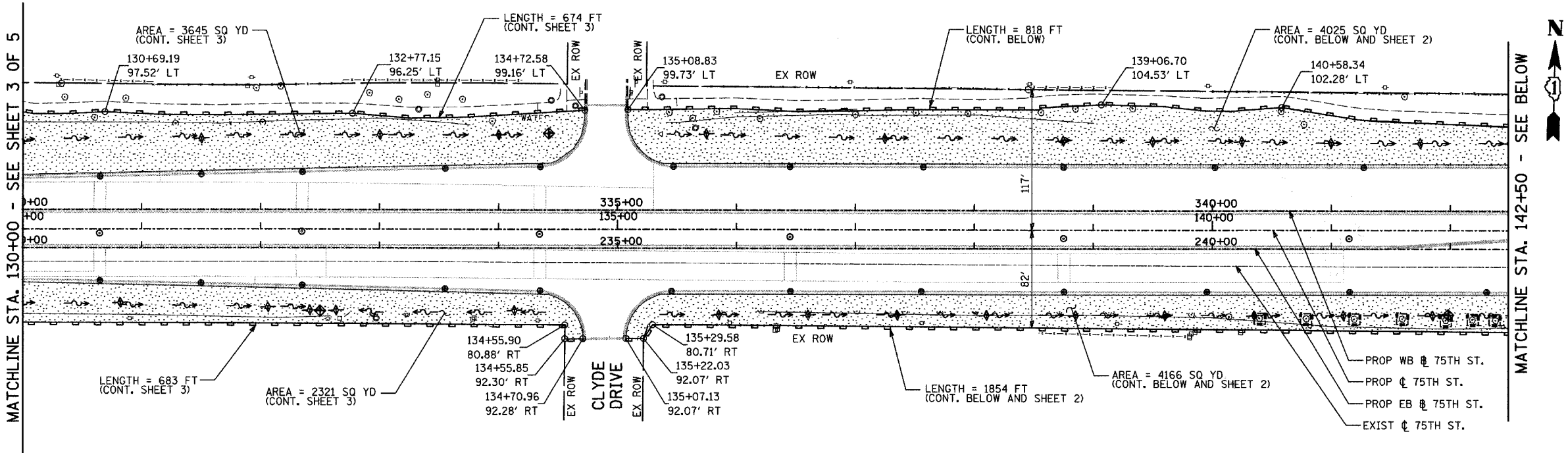
DRAWN:	SHEET NO.
CHECKED:	
APPROVED:	
DATE: APRIL 11, 2008	
SCALE:	
JOB NO.: P-91-494-00	PROJECT NO.: M-CMM-7003 (985)

4/11/2008 10:34:43 AM

F.A.U. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552 00-00114-00-PV	DUPAGE	563	120
STA.	TO STA.		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		
CONTRACT NO. 63024			

**LEGEND:**

- TEMPORARY EROSION CONTROL SEEDING, WITH EROSION CONTROL BLANKET, EXCELSIOR TYPE
- SEDIMENT CONTROL, SILT FENCE
- TEMPORARY DITCH CHECK
- INLET AND PIPE PROTECTION
- INLET FILTER, TO BE INSTALLED IN OFF PROJECT DRAINAGE STRUCTURES ACCEPTING STORMWATER RUNOFF
- EXISTING DRAINAGE SWALE
- PROPOSED DRAINAGE SWALE (SEE DRAINAGE PLANS)
- PROPOSED DRAINAGE DITCH (SEE DRAINAGE PLANS)
- PERIMETER EROSION BARRIER, MODIFIED (DOUBLE ROW)
- TEMPORARY FENCE (15 FEET PER SIDE = 60 FEET TOTAL) OR AS NOTED
- SILT CURTAIN



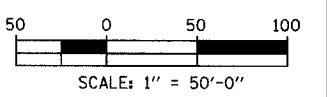
REVISIONS	
NAME	DATE

INTERSECTION IMPROVEMENT  
 WASHINGTON STREET - 75th STREET  
 EROSION CONTROL  
 75th STREET  
 SHEET 4 OF 5  
 STA. 128+00 TO STA. 156+50

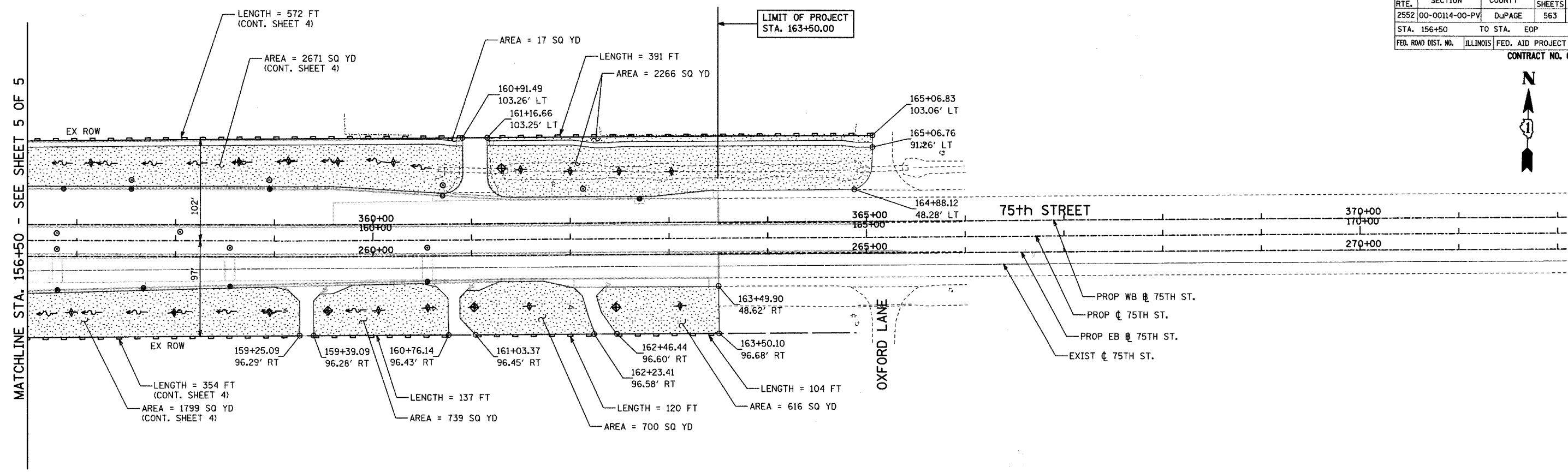
CONSULTANT  
 TYLIN INTERNATIONAL

City of **Naperville**

DRAWN: \_\_\_\_\_ SHEET NO. \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 APPROVED: \_\_\_\_\_  
 DATE: APRIL 11, 2008  
 SCALE: \_\_\_\_\_  
 JOB NO.: P-91-494-00 PROJECT NO.: M-CMM-7003 (985)



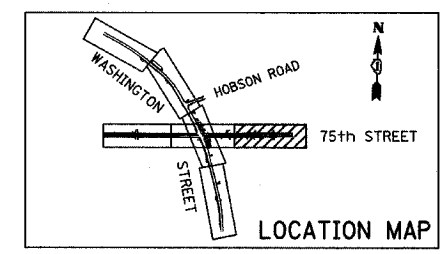
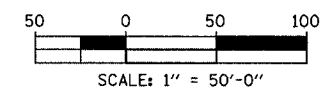
F.A.B. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00114-00-PV	DuPAGE	563	121
STA. 156+50		TO STA. EOP		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		CONTRACT NO. 63024	



MATCHLINE STA. 156+50 - SEE SHEET 5 OF 5

**LEGEND:**

- TEMPORARY EROSION CONTROL SEEDING, WITH EROSION CONTROL BLANKET, EXCELSIOR TYPE
- SEDIMENT CONTROL, SILT FENCE
- TEMPORARY DITCH CHECK
- INLET AND PIPE PROTECTION
- INLET FILTER, TO BE INSTALLED IN OFF PROJECT DRAINAGE STRUCTURES ACCEPTING STORMWATER RUNOFF
- EXISTING DRAINAGE SWALE
- PROPOSED DRAINAGE SWALE (SEE DRAINAGE PLANS)
- PROPOSED DRAINAGE DITCH (SEE DRAINAGE PLANS)
- PERIMETER EROSION BARRIER, MODIFIED (DOUBLE ROW)
- TEMPORARY FENCE (15 FEET PER SIDE = 60 FEET TOTAL) OR AS NOTED
- SILT CURTAIN



REVISIONS	
NAME	DATE

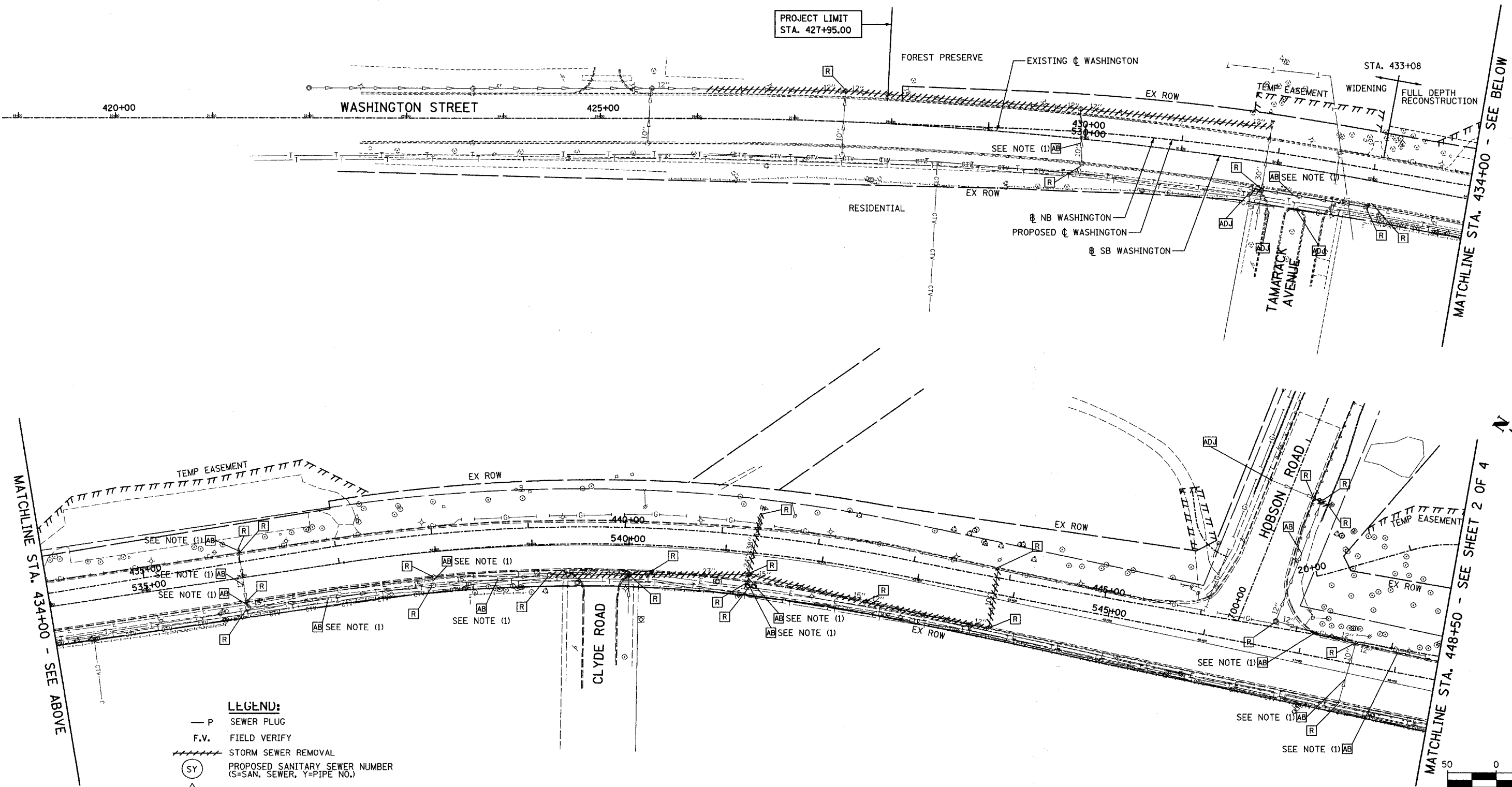
**INTERSECTION IMPROVEMENT**  
**WASHINGTON STREET - 75th STREET**  
**EROSION CONTROL**  
**75th STREET**  
 SHEET 5 OF 5  
 STA. 156+50 TO EOP  
 CONSULTANT  
**TYLIN INTERNATIONAL**

City of **Naperville**

DRAWN:	SHEET NO.:
CHECKED:	
APPROVED:	
DATE: APRIL 11, 2008	
SCALE:	
JOB NO.: P-91-494-00	PROJECT NO.: M-CMM-7003 (985)

4/11/2008 10:3:46 AM

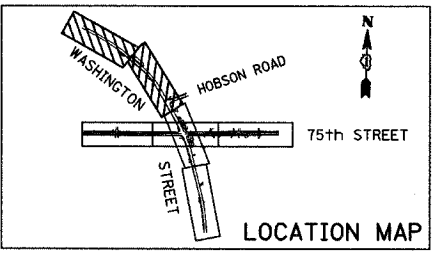
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00114-00-PV	DuPAGE	563	122
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 63024				



- LEGEND:**
- P SEWER PLUG
  - F.V. FIELD VERIFY
  - //// STORM SEWER REMOVAL
  - (SY) PROPOSED SANITARY SEWER NUMBER (S=SAN. SEWER, Y=PIPE NO.)
  - △(SY) PROPOSED STRUCTURE NUMBER (S=SAN. SEWER, Y=STRUCTURE NO.)

**NOTES:**


1. ABANDONED SEWER TO BE FILLED WITH CONTROLLED LOW STRENGTH MATERIAL. SEE SCHEDULE FOR DETAILS.



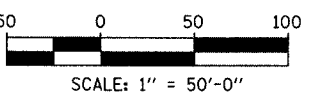
REVISIONS	
NAME	DATE

INTERSECTION IMPROVEMENT  
 WASHINGTON STREET - 75th STREET  
 EXISTING UTILITIES AND  
 DRAINAGE REMOVAL PLAN  
 WASHINGTON STREET  
 SHEET 1 OF 4  
 STA. 426+04.578 TO STA. 448+50

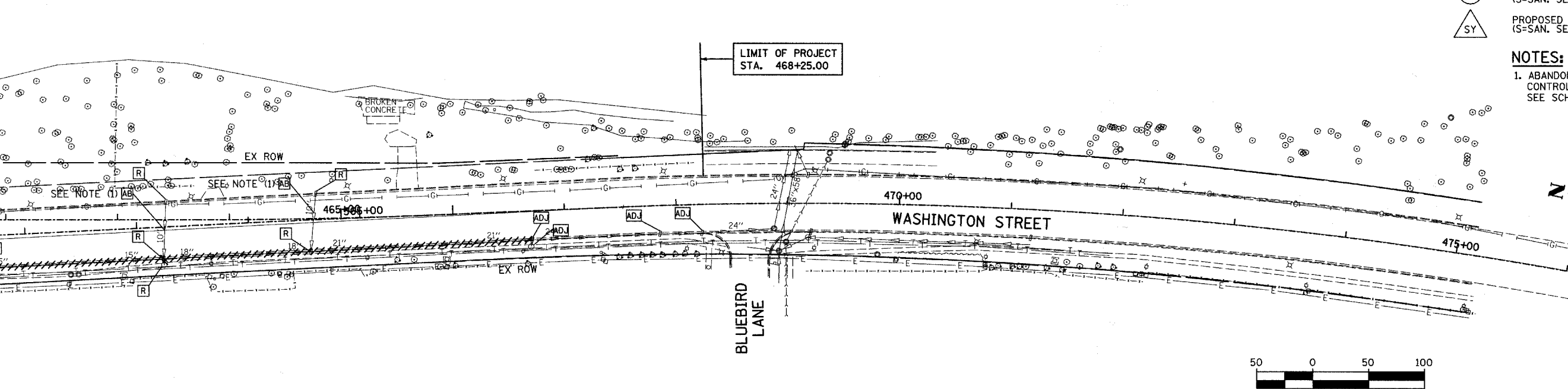
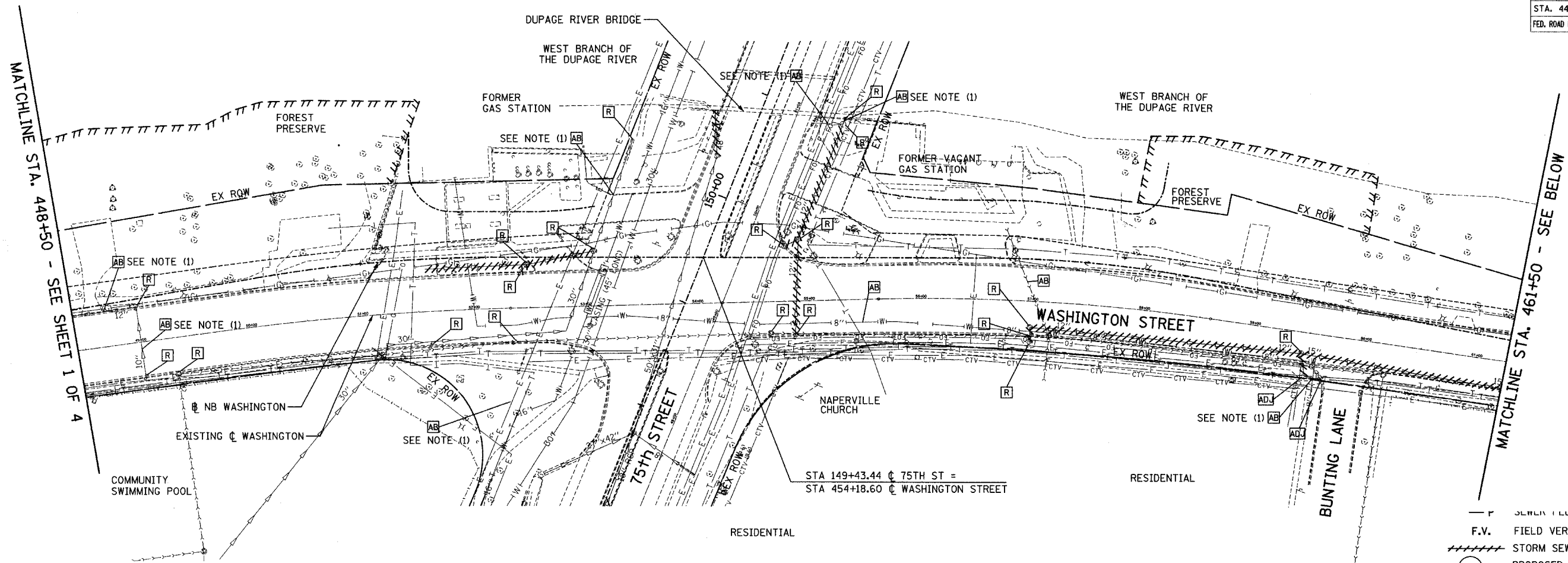
CONSULTANT  
**TYLIN INTERNATIONAL**

City of  **Naperville**

DRAWN	SHEET NO.
CHECKED	
APPROVED	
DATE: APRIL 11, 2008	
SCALE	
JOB NO.: P-91-494-00	PROJECT NO.: M-CMM-7003 (985)

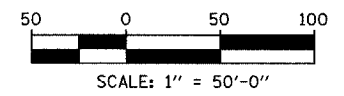


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00114-00-PV	DUPAGE	563	123
STA. 448+50		TO STA. 467+55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 63024				



- F.V. FIELD VERIFY
- STORM SEWER REMOVAL
- (SY) PROPOSED SANITARY SEWER NUMBER (S=SAN. SEWER, Y=PIPE NO.)
- (SY) PROPOSED STRUCTURE NUMBER (S=SAN. SEWER, Y=STRUCTURE NO.)

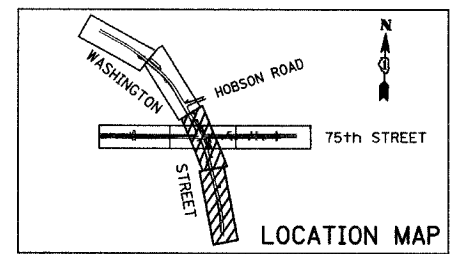
**NOTES:**  
 1. ABANDONED SEWER TO BE FILLED WITH CONTROLLED LOW STRENGTH MATERIAL. SEE SCHEDULE FOR DETAILS.



MATCHLINE STA. 461+50 - SEE ABOVE

MATCHLINE STA. 448+50 - SEE SHEET 1 OF 4


MATCHLINE STA. 461+50 - SEE BELOW



REVISIONS	
NAME	DATE

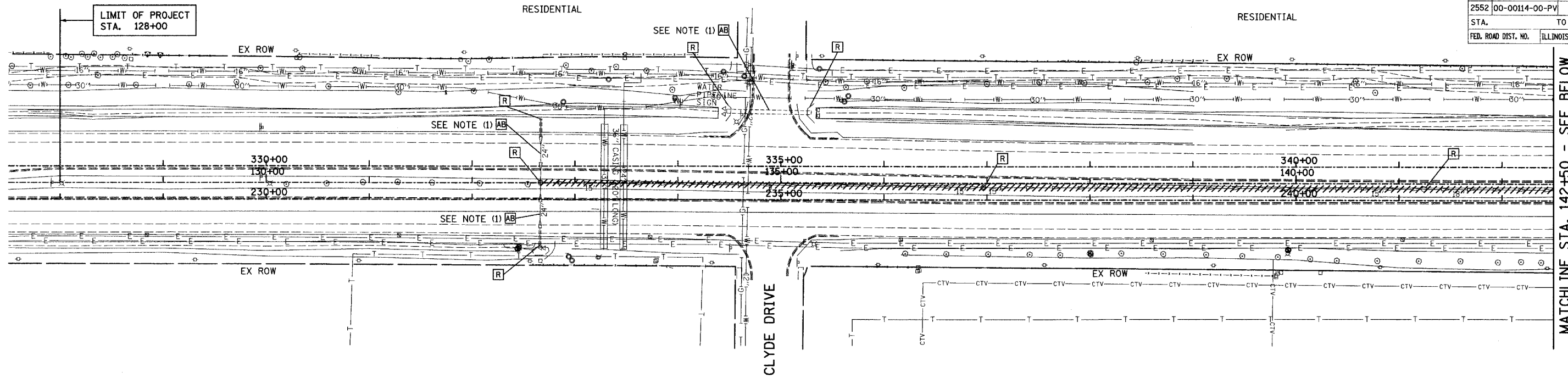
INTERSECTION IMPROVEMENT  
 WASHINGTON STREET - 75th STREET  
 EXISTING UTILITIES AND  
 DRAINAGE REMOVAL PLAN  
 WASHINGTON STREET  
 SHEET 2 OF 4  
 STA. 448+50 TO STA. 467+55

CONSULTANT  
**TYLIN INTERNATIONAL**

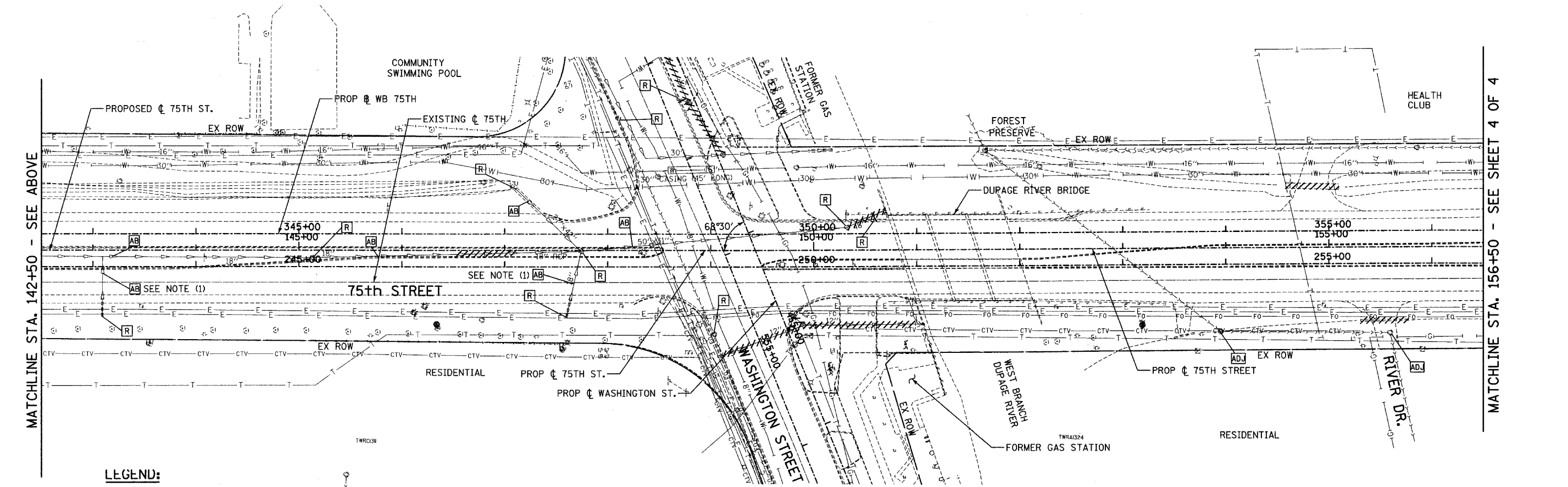
City of  **Naperville**

DRAWN: \_\_\_\_\_ SHEET NO. \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 APPROVED: \_\_\_\_\_  
 DATE: APRIL 11, 2008  
 SCALE: \_\_\_\_\_  
 JOB NO.: P-9J-494-00 PROJECT NO.: M-CMM-7003 (985)



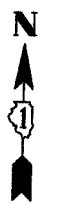


MATCHLINE STA. 142+50 - SEE BELOW



MATCHLINE STA. 142+50 - SEE ABOVE

MATCHLINE STA. 156+50 - SEE SHEET 4 OF 4

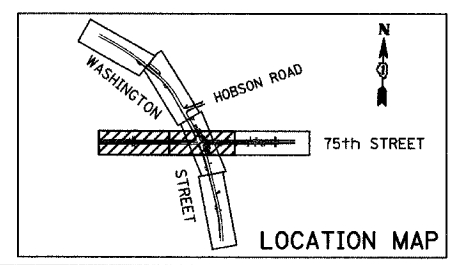
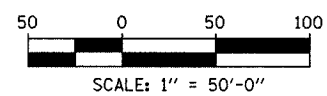


**LEGEND:**

- P SEWER PLUG
- F.V. FIELD VERIFY
- //// STORM SEWER REMOVAL
- (SY) PROPOSED SANITARY SEWER NUMBER (S=SAN. SEWER, Y=PIPE NO.)
- (SY) PROPOSED STRUCTURE NUMBER (S=SAN. SEWER, Y=STRUCTURE NO.)

**NOTES:**

1. ABANDONED SEWER TO BE FILLED WITH CONTROLLED LOW STRENGTH MATERIAL. SEE SCHEDULE FOR DETAILS.



REVISIONS	
NAME	DATE

**INTERSECTION IMPROVEMENT  
 WASHINGTON STREET - 75th STREET  
 EXISTING UTILITIES AND  
 DRAINAGE REMOVAL PLAN  
 75th STREET**  
 SHEET 3 OF 4  
 STA. 128+00 TO STA. 156+50

CONSULTANT  
**TYLIN INTERNATIONAL**

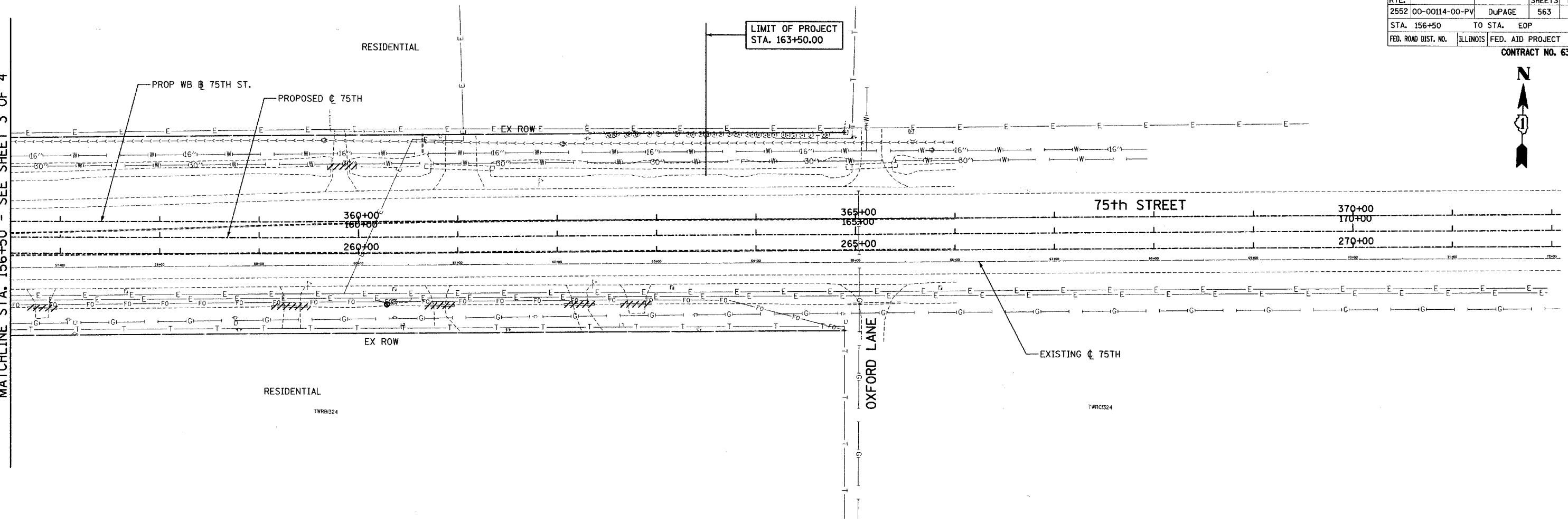
City of **Naperville**

DRAWN	SHEET NO.
CHECKED	
APPROVED	
DATE: APRIL 11, 2008	
SCALE	
JOB NO. P-91-494-00	PROJECT NO. M-CMM-7003 (985)

F.A.B. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00114-00-PV	DUPAGE	563	125
STA. 156+50	TO STA. EOP			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 63024				

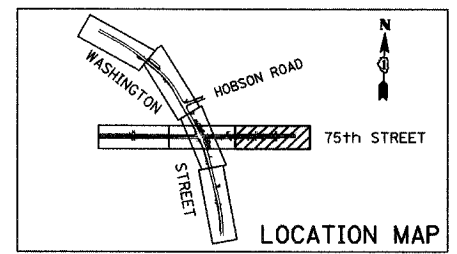
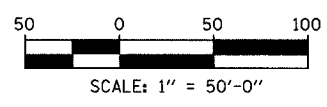


MATCHLINE STA. 156+50 - SEE SHEET 3 OF 4



- LEGEND:**
- P SEWER PLUG
  - F.V. FIELD VERIFY
  - //// STORM SEWER REMOVAL
  - (SY) PROPOSED SANITARY SEWER NUMBER (S=SAN. SEWER, Y=PIPE NO.)
  - (SY) PROPOSED STRUCTURE NUMBER (S=SAN. SEWER, Y=STRUCTURE NO.)

- NOTES:**
- ABANDONED SEWER TO BE FILLED WITH CONTROLLED LOW STRENGTH MATERIAL. SEE SCHEDULE FOR DETAILS.



REVISIONS	
NAME	DATE

**INTERSECTION IMPROVEMENT**  
**WASHINGTON STREET - 75th STREET**  
**EXISTING UTILITIES AND**  
**DRAINAGE REMOVAL PLAN**  
**75th STREET**  
 SHEET 4 OF 4  
 STA. 156+50 TO EOP

CONSULTANT  
**TYLIN INTERNATIONAL**

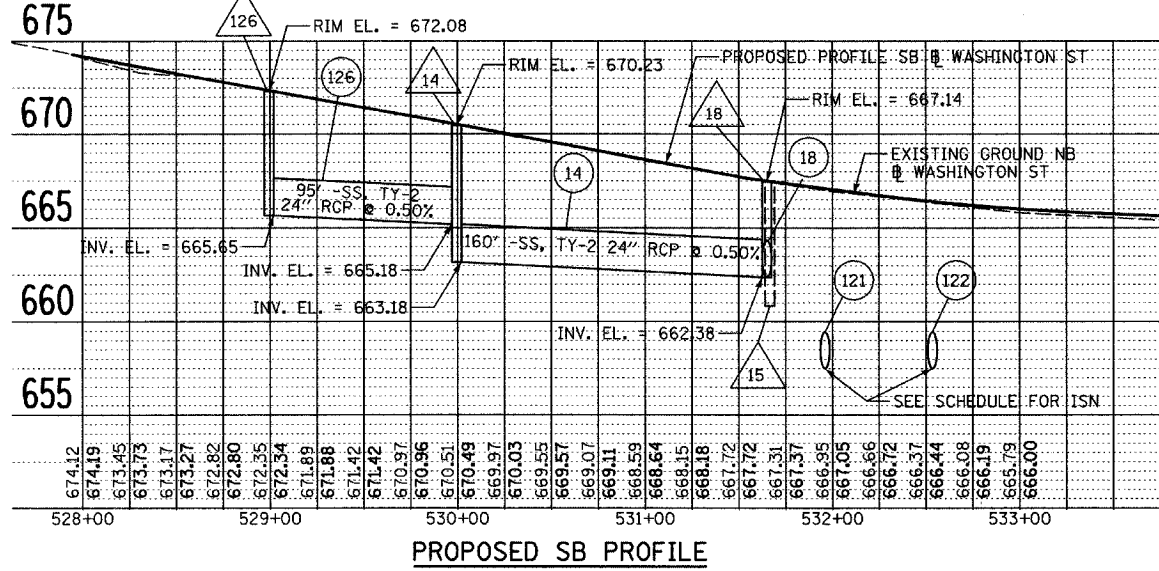
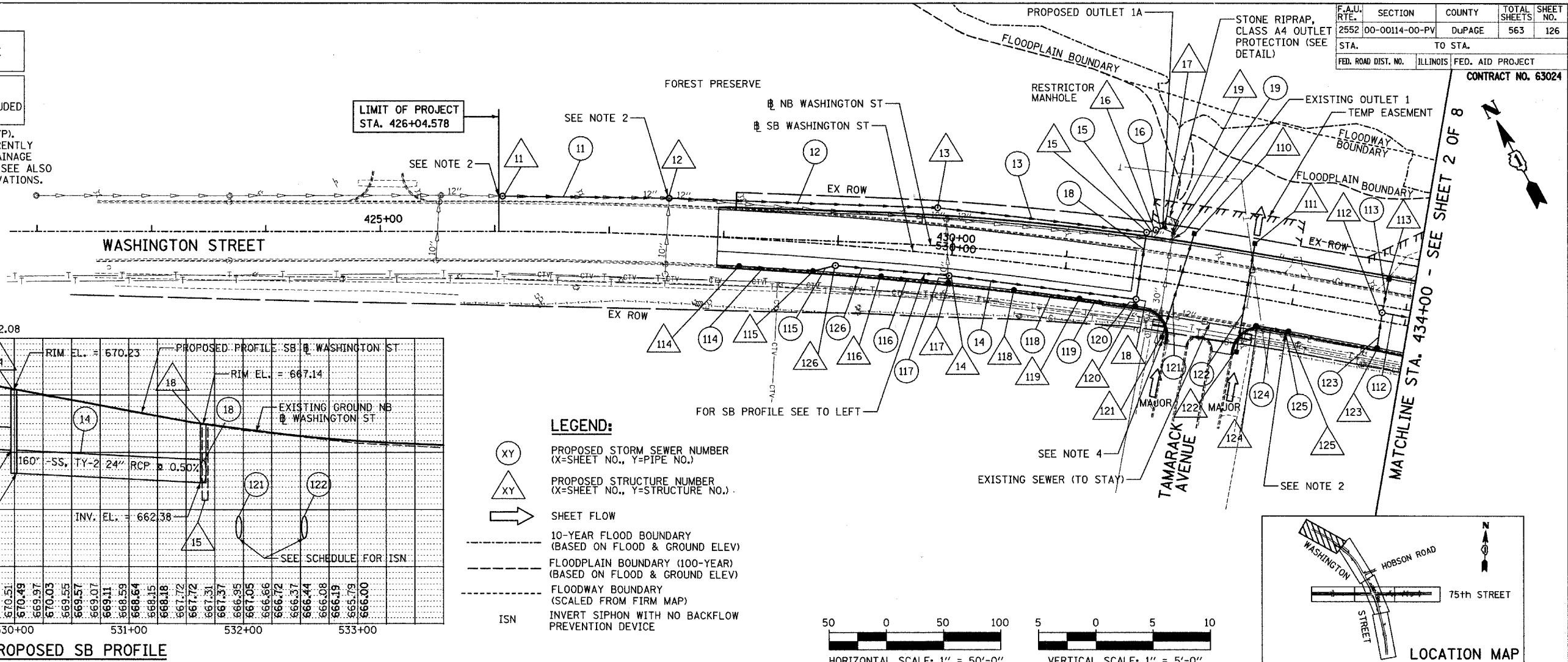
City of **Naperville**

DRAWN:	SHEET NO.
CHECKED:	
APPROVED:	
DATE: APRIL 11, 2008	
SCALE:	
JOB NO.: P-91-494-00	PROJECT NO.: M-CMM-7003 (985)

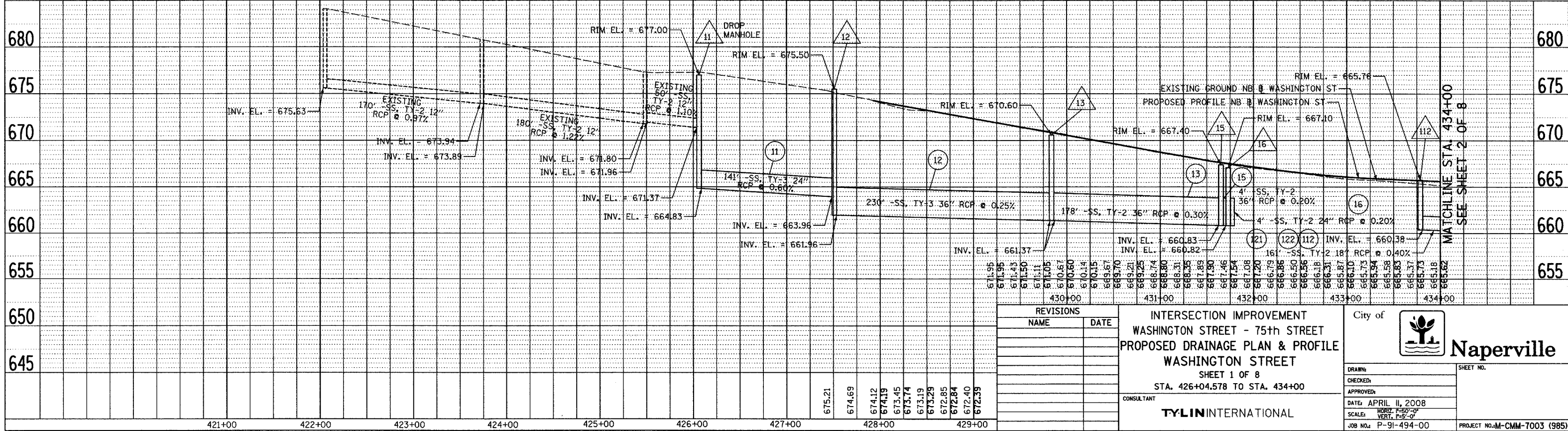
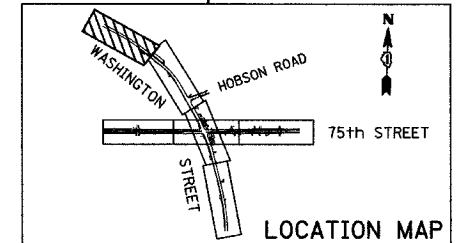
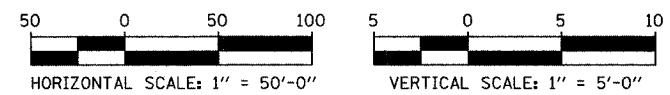
**NOTES:**

1. CONNECT PROPOSED CULVERT TO EXISTING CULVERT. THE COST SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF CULVERT INSTALLATION.
2. CONNECT THE EXISTING SEWER TO PROPOSED STRUCTURE OR PROPOSED SEWER TO EXISTING STRUCTURE. THE COST SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF DRAINAGE STRUCTURE INSTALLATION.
3. IDOT STANDARD 542546 FLUSH INLET BOX FOR MEDIAN (TYP). ALL OVERLAND FLOW (MAJOR) DRAINAGE SYSTEM THAT CURRENTLY DRAINS TO THE RIVER SHALL BE COLLECTED BY THESE DRAINAGE STRUCTURES. SEE DRAINAGE DETAIL SHEET FOR DETAILS, SEE ALSO DRAINAGE SCHEDULES FOR SIZES, INVERTS AND RIM ELEVATIONS.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00114-00-PV	DuPAGE	563	126
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 63024				



- LEGEND:**
- XY PROPOSED STORM SEWER NUMBER (X=SHEET NO., Y=PIPE NO.)
  - XY PROPOSED STRUCTURE NUMBER (X=SHEET NO., Y=STRUCTURE NO.)
  - SHEET FLOW
  - 10-YEAR FLOOD BOUNDARY (BASED ON FLOOD & GROUND ELEV)
  - FLOODPLAIN BOUNDARY (100-YEAR) (BASED ON FLOOD & GROUND ELEV)
  - FLOODWAY BOUNDARY (SCALED FROM FIRM MAP)
  - ISN INVERT SIPHON WITH NO BACKFLOW PREVENTION DEVICE



**REVISIONS**

NAME	DATE

**INTERSECTION IMPROVEMENT  
WASHINGTON STREET - 75th STREET  
PROPOSED DRAINAGE PLAN & PROFILE  
WASHINGTON STREET  
SHEET 1 OF 8  
STA. 426+04.578 TO STA. 434+00**

CONSULTANT: **TYLIN INTERNATIONAL**

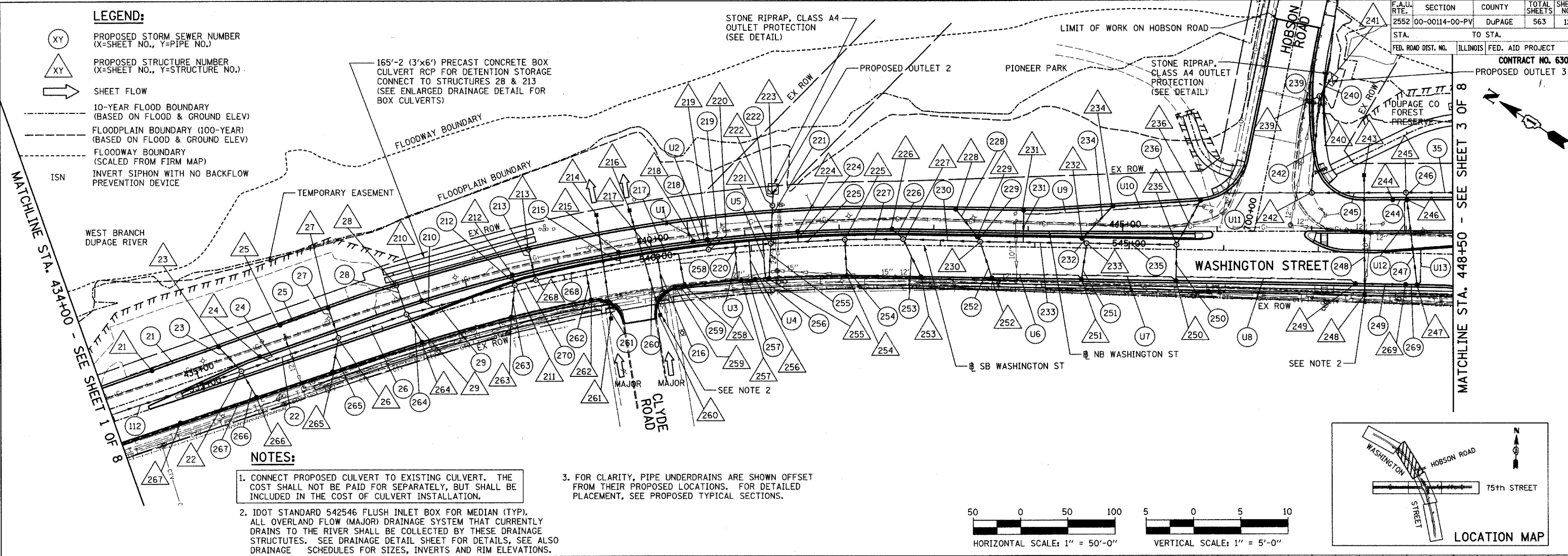
City of **Naperville**

DRAWN:   
CHECKED:   
APPROVED:   
DATE: APRIL 11, 2008  
SCALE: HORIZ. 1"=50'-0"  
VERT. 1"=5'-0"  
JOB NO.: P-91-494-00 PROJECT NO.: M-CMM-7003 (985)

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00114-00-PV	DUPAGE	563	127
STA.	TO STA.		CONTRACT NO. 63024	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	PROPOSED OUTLET 3	

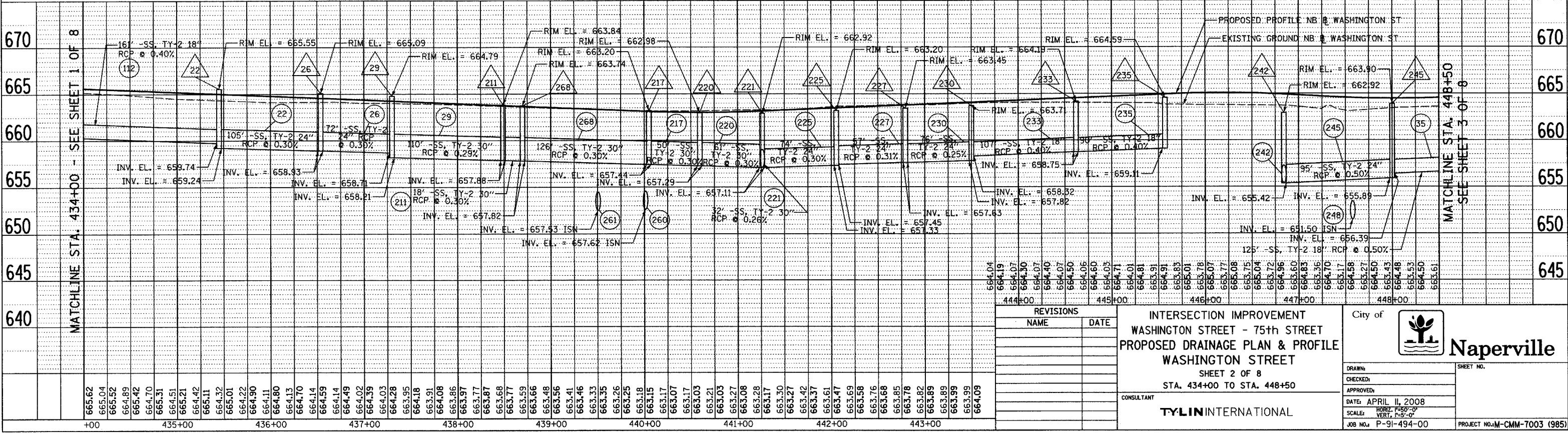
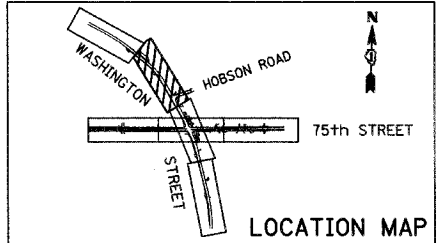
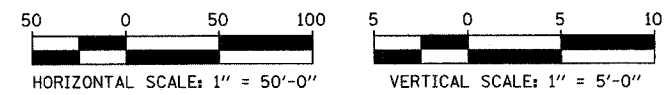
**LEGEND:**

- (XY) PROPOSED STORM SEWER NUMBER (X=SHEET NO., Y=PIPE NO.)
- (XY) PROPOSED STRUCTURE NUMBER (X=SHEET NO., Y=STRUCTURE NO.)
- SHEET FLOW
- 10-YEAR FLOOD BOUNDARY (BASED ON FLOOD & GROUND ELEV)
- FLOODPLAIN BOUNDARY (100-YEAR) (BASED ON FLOOD & GROUND ELEV)
- FLOODWAY BOUNDARY (SCALED FROM FIRM MAP)
- ISN INVERT SIPHON WITH NO BACKFLOW PREVENTION DEVICE



**NOTES:**

1. CONNECT PROPOSED CULVERT TO EXISTING CULVERT. THE COST SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF CULVERT INSTALLATION.
2. IDOT STANDARD 542546 FLUSH INLET BOX FOR MEDIAN (TYP). ALL OVERLAND FLOW (MAJOR) DRAINAGE SYSTEM THAT CURRENTLY DRAINS TO THE RIVER SHALL BE COLLECTED BY THESE DRAINAGE STRUCTURES. SEE DRAINAGE DETAIL SHEET FOR DETAILS, SEE ALSO DRAINAGE SCHEDULES FOR SIZES, INVERTS AND RIM ELEVATIONS.
3. FOR CLARITY, PIPE UNDERDRAINS ARE SHOWN OFFSET FROM THEIR PROPOSED LOCATIONS. FOR DETAILED PLACEMENT, SEE PROPOSED TYPICAL SECTIONS.



REVISIONS	
NAME	DATE

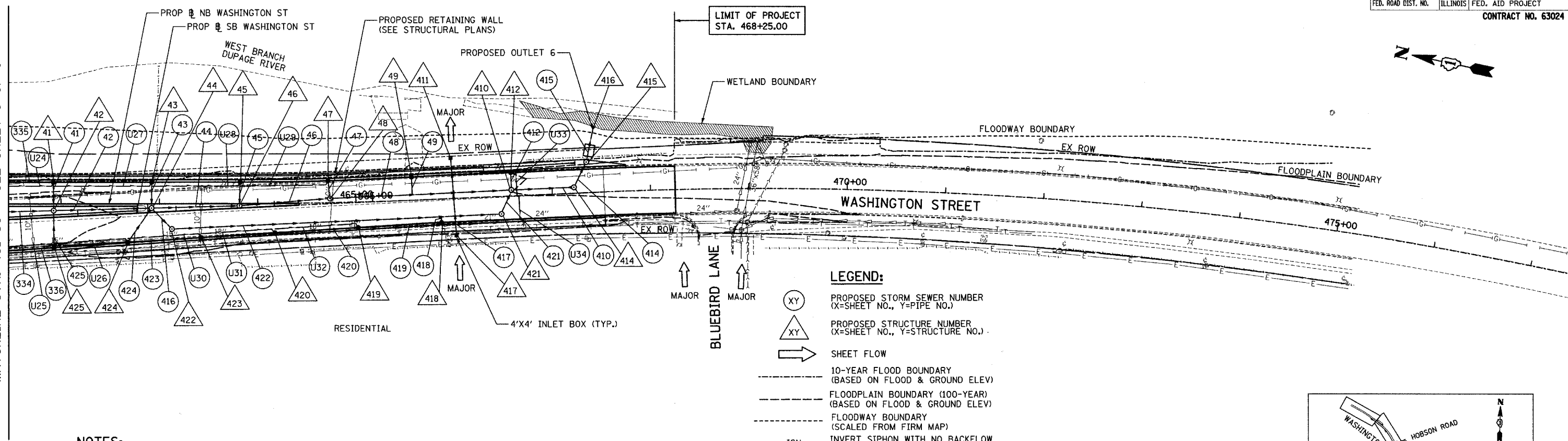
**INTERSECTION IMPROVEMENT  
WASHINGTON STREET - 75th STREET  
PROPOSED DRAINAGE PLAN & PROFILE  
WASHINGTON STREET  
SHEET 2 OF 8  
STA. 434+00 TO STA. 448+50**

City of **Naperville**

DATE: APRIL 11, 2008  
SCALE: HORIZ. 1"=50'-0"  
VERT. 1"=5'-0"  
JOB NO. P-91-494-00  
PROJECT NO. M-CMM-7003 (985)

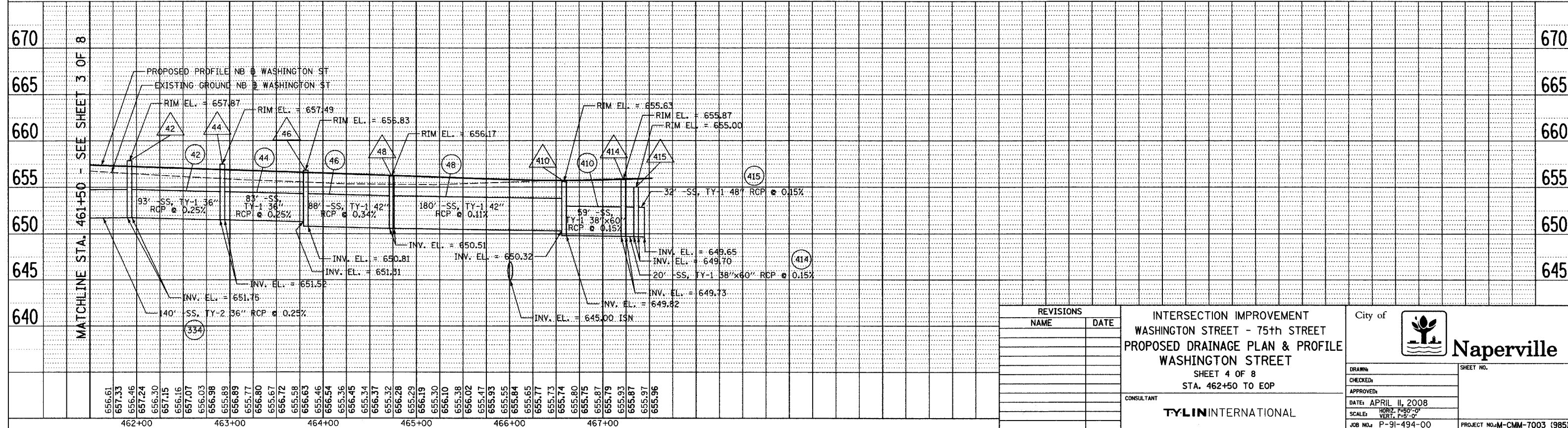
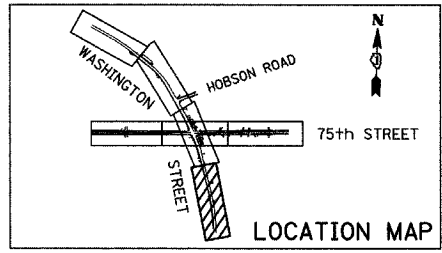
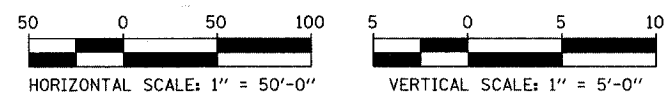


MATCHLINE STA. 461+50 - SEE SHEET 3 OF 8



**NOTES:**  
 1. FOR CLARITY, PIPE UNDERDRAINS ARE SHOWN OFFSET FROM THEIR PROPOSED LOCATIONS. FOR DETAILED PLACEMENT, SEE PROPOSED TYPICAL SECTIONS.

- LEGEND:**
- (XY) PROPOSED STORM SEWER NUMBER (X=SHEET NO., Y=PIPE NO.)
  - △(XY) PROPOSED STRUCTURE NUMBER (X=SHEET NO., Y=STRUCTURE NO.)
  - ➔ SHEET FLOW
  - 10-YEAR FLOOD BOUNDARY (BASED ON FLOOD & GROUND ELEV)
  - FLOODPLAIN BOUNDARY (100-YEAR) (BASED ON FLOOD & GROUND ELEV)
  - FLOODWAY BOUNDARY (SCALED FROM FIRM MAP)
  - ISN INVERT SIPHON WITH NO BACKFLOW PREVENTION DEVICE



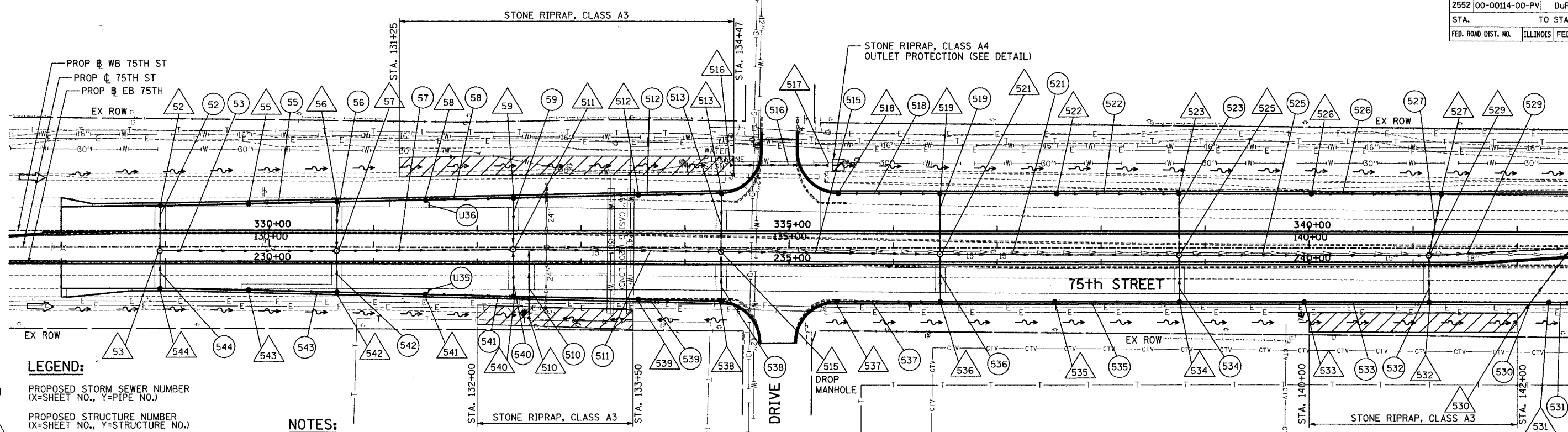
REVISIONS	
NAME	DATE

INTERSECTION IMPROVEMENT  
 WASHINGTON STREET - 75th STREET  
 PROPOSED DRAINAGE PLAN & PROFILE  
 WASHINGTON STREET  
 SHEET 4 OF 8  
 STA. 462+50 TO EOP

CONSULTANT  
**TYLIN INTERNATIONAL**

City of **Naperville**

DRAWN: \_\_\_\_\_ SHEET NO. \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 APPROVED: \_\_\_\_\_  
 DATE: APRIL 11, 2008  
 SCALE: HORIZ. 1"=50'-0"  
 VERT. 1"=5'-0"  
 JOB NO.: P-91-494-00 PROJECT NO.: M-CMM-7003 (985)

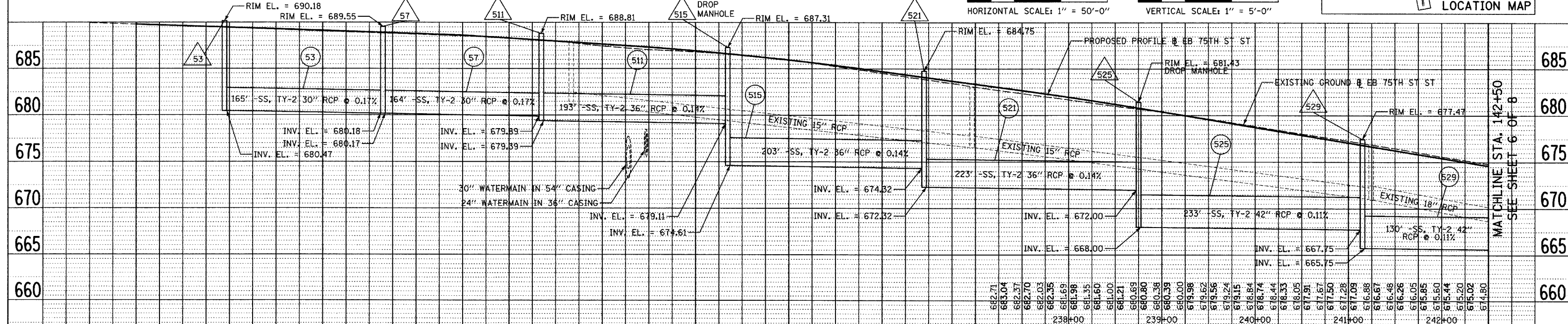
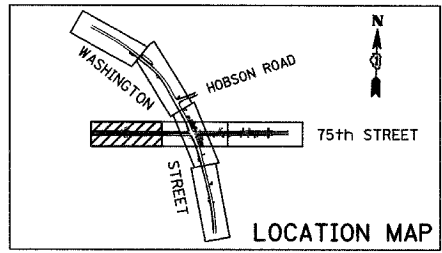
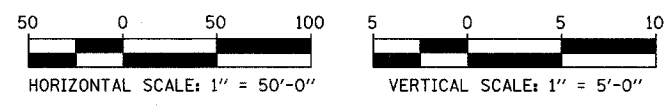


**LEGEND:**

- (XY) PROPOSED STORM SEWER NUMBER (X=SHEET NO., Y=PIPE NO.)
- (XY) PROPOSED STRUCTURE NUMBER (X=SHEET NO., Y=STRUCTURE NO.)
- SHEET FLOW
- - - - - 10-YEAR FLOOD BOUNDARY (BASED ON FLOOD & GROUND ELEV.)
- - - - - FLOODPLAIN BOUNDARY (100-YEAR) (BASED ON FLOOD & GROUND ELEV.)
- - - - - FLOODWAY BOUNDARY (SCALED FROM FIRM MAP)
- ISN INVERT SIPHON WITH NO BACKFLOW PREVENTION DEVICE

**NOTES:**

1. CONNECT THE EXISTING SEWER TO THE PROPOSED SEWER. THE COST SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF SEWER INSTALLATION OF THE SIZE AND TYPE SHOWN ON PLANS.
2. ALL PROPOSED DITCHES AND SWALES SHALL BE SEEDED USING NATIVE VEGETATION SUCH AS IDOT CLASS 4A, 4B OR 5A SEEDING MIXTURES UNLESS NOTED OTHERWISE.
3. FOR CLARITY, PIPE UNDERDRAINS ARE SHOWN OFFSET FROM THEIR PROPOSED LOCATIONS. FOR DETAILED PLACEMENT, SEE PROPOSED TYPICAL SECTIONS.



MATCHLINE STA. 142+50  
SEE SHEET 6 OF 8

REVISIONS	
NAME	DATE

INTERSECTION IMPROVEMENT  
WASHINGTON STREET - 75th STREET  
PROPOSED DRAINAGE PLAN & PROFILE  
75th STREET  
SHEET 5 OF 8  
STA. 127+50 TO STA. 142+50

City of **Naperville**

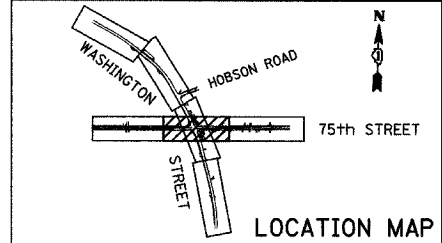
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 CHECKED: \_\_\_\_\_  
 APPROVED: \_\_\_\_\_  
 DATE: APRIL 11, 2008  
 SCALE: HORIZ. 1"=50'-0"  
 VERT. 1"=5'-0"  
 JOB NO. P-91-494-00 PROJECT NO. M-CMM-7003 (985)

689.88	689.80	689.70	689.60	689.55	689.46	689.36	689.26	689.16	689.07	688.98	688.88	688.75	688.65	688.56	688.46	688.36	688.26	688.16	688.06	687.96	687.86	687.76	687.66	687.56	687.46	687.36	687.26	687.16	687.06	686.96	686.86	686.76	686.66	686.56	686.46	686.36	686.26	686.16	686.06	685.96	685.86	685.76	685.66	685.56	685.46	685.36	685.26	685.16	685.06	684.96	684.86	684.76	684.66	684.56	684.46	684.36	684.26	684.16	684.06	683.96	683.86	683.76	683.66	683.56	683.46	683.36	683.26	683.16	683.06	682.96	682.86	682.76	682.66	682.56	682.46	682.36	682.26	682.16	682.06	681.96	681.86	681.76	681.66	681.56	681.46	681.36	681.26	681.16	681.06	680.96	680.86	680.76	680.66	680.56	680.46	680.36	680.26	680.16	680.06	679.96	679.86	679.76	679.66	679.56	679.46	679.36	679.26	679.16	679.06	678.96	678.86	678.76	678.66	678.56	678.46	678.36	678.26	678.16	678.06	677.96	677.86	677.76	677.66	677.56	677.46	677.36	677.26	677.16	677.06	676.96	676.86	676.76	676.66	676.56	676.46	676.36	676.26	676.16	676.06	675.96	675.86	675.76	675.66	675.56	675.46	675.36	675.26	675.16	675.06	674.96	674.86	674.76	674.66	674.56	674.46	674.36	674.26	674.16	674.06
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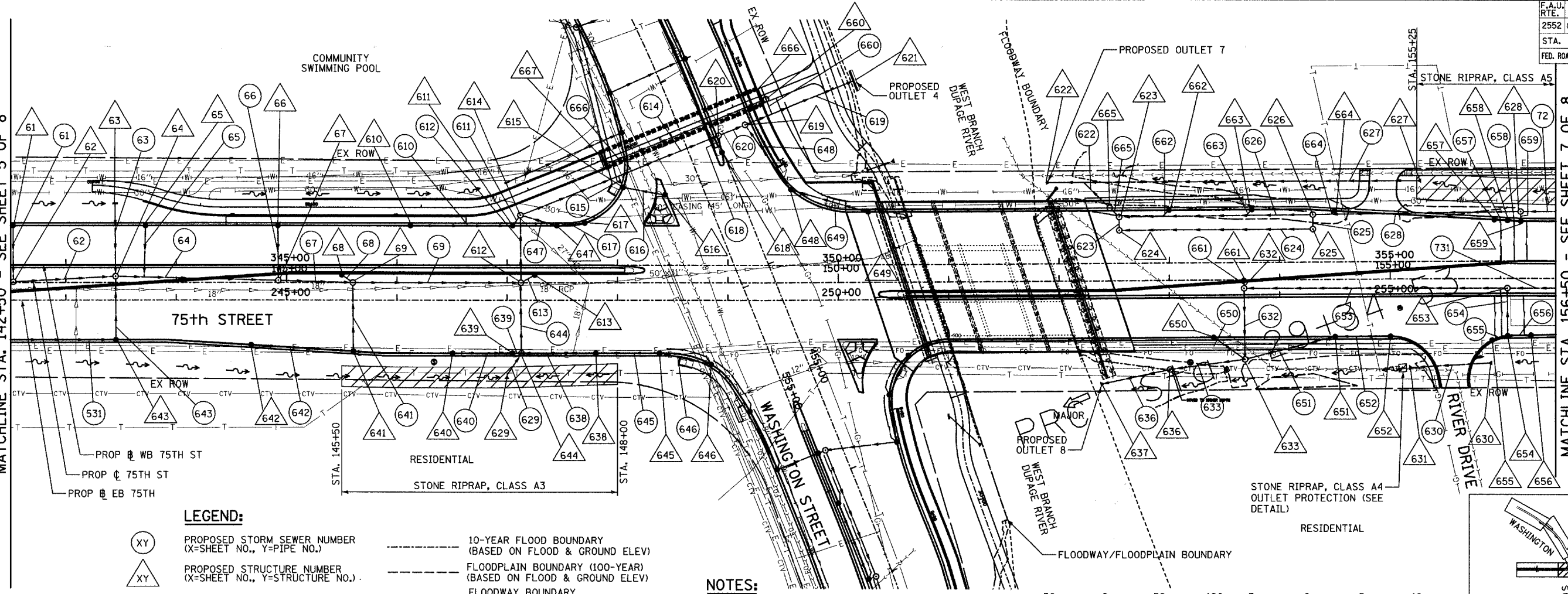
SEE SHEET 8 OF 8

U37 U38 U39  
U40 U41 U42



MATCHLINE STA. 142+50 - SEE SHEET 5 OF 8

MATCHLINE STA. 156+50 - SEE SHEET 7 OF 8

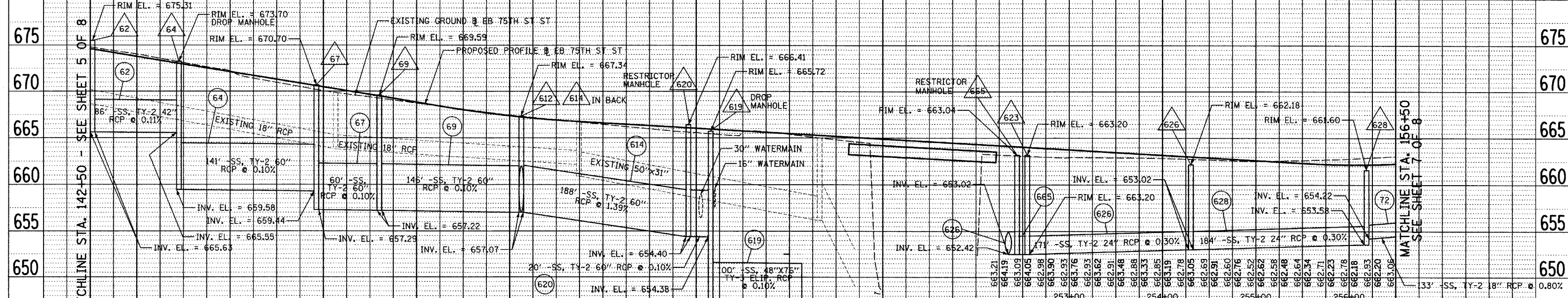
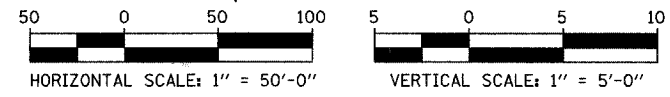


**LEGEND:**

- PROPOSED STORM SEWER NUMBER (X=SHEET NO., Y=PIPE NO.)
- PROPOSED STRUCTURE NUMBER (X=SHEET NO., Y=STRUCTURE NO.)
- SHEET FLOW
- 10-YEAR FLOOD BOUNDARY (BASED ON FLOOD & GROUND ELEV)
- FLOODPLAIN BOUNDARY (100-YEAR) (BASED ON FLOOD & GROUND ELEV)
- FLOODWAY BOUNDARY (SCALED FROM FIRM MAP)
- INVERT SIPHON WITH NO BACKFLOW PREVENTION DEVICE

**NOTES:**

- FOR CLARITY, PIPE UNDERDRAINS ARE SHOWN OFFSET FROM THEIR PROPOSED LOCATIONS. FOR DETAILED PLACEMENT, SEE PROPOSED TYPICAL SECTIONS.



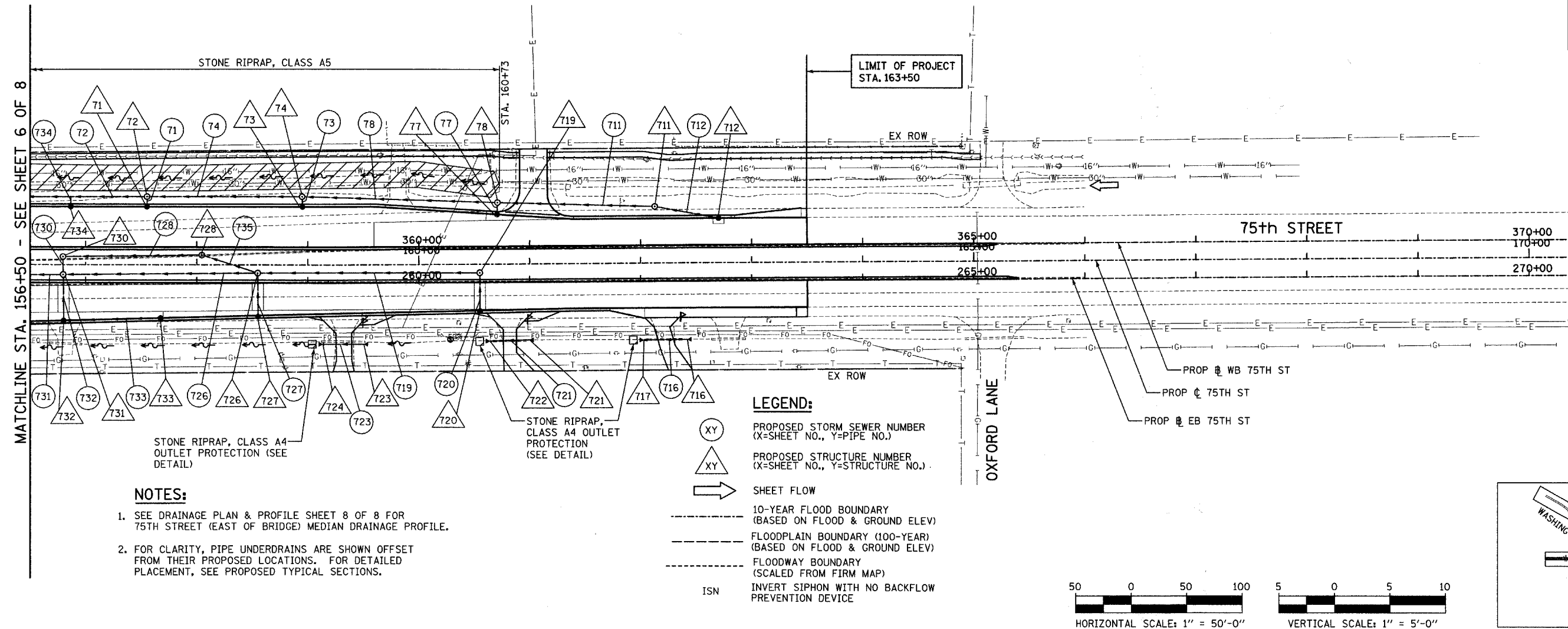
MATCHLINE STA. 142+50 - SEE SHEET 5 OF 8

MATCHLINE STA. 156+50 - SEE SHEET 7 OF 8

<b>REVISIONS</b> NAME      DATE		INTERSECTION IMPROVEMENT WASHINGTON STREET - 75th STREET PROPOSED DRAINAGE PLAN & PROFILE 75th STREET SHEET 6 OF 8 STA. 142+50 TO STA. 156+50	City of  <b>Naperville</b>
CHECKED: _____ APPROVED: _____			
DATE: APRIL 11, 2008 SCALE: HORIZ. 1" = 50'-0" VERT. 1" = 5'-0"			
CONSULTANT <b>TYLIN INTERNATIONAL</b>			
JOB NO.: P-91-494-00		SHEET NO. _____ PROJECT NO.: M-CMM-7003 (985)	

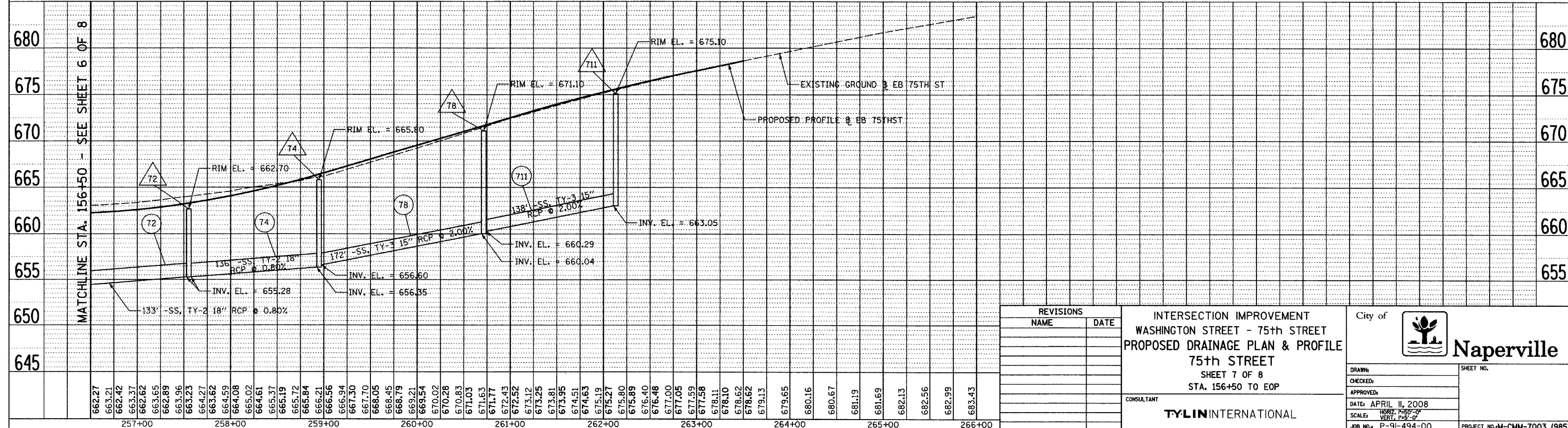
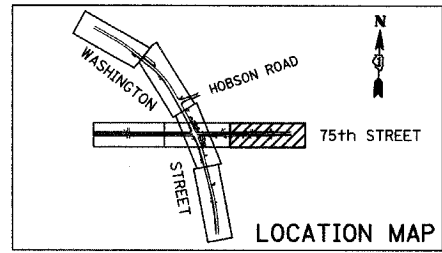
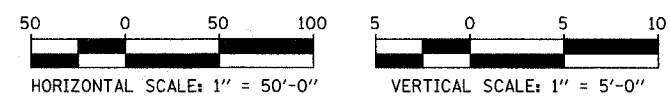


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00114-00-PV	DUPAGE	563	132
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 63024				




- NOTES:**
- SEE DRAINAGE PLAN & PROFILE SHEET 8 OF 8 FOR 75TH STREET (EAST OF BRIDGE) MEDIAN DRAINAGE PROFILE.
  - FOR CLARITY, PIPE UNDERDRAINS ARE SHOWN OFFSET FROM THEIR PROPOSED LOCATIONS. FOR DETAILED PLACEMENT, SEE PROPOSED TYPICAL SECTIONS.

- LEGEND:**
- (XY) PROPOSED STORM SEWER NUMBER (X=SHEET NO., Y=PIPE NO.)
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  - FLOODWAY BOUNDARY (SCALED FROM FIRM MAP)
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REVISIONS	
NAME	DATE

INTERSECTION IMPROVEMENT  
 WASHINGTON STREET - 75th STREET  
 PROPOSED DRAINAGE PLAN & PROFILE  
 75th STREET  
 SHEET 7 OF 8  
 STA. 156+50 TO EOP

City of  **Naperville**

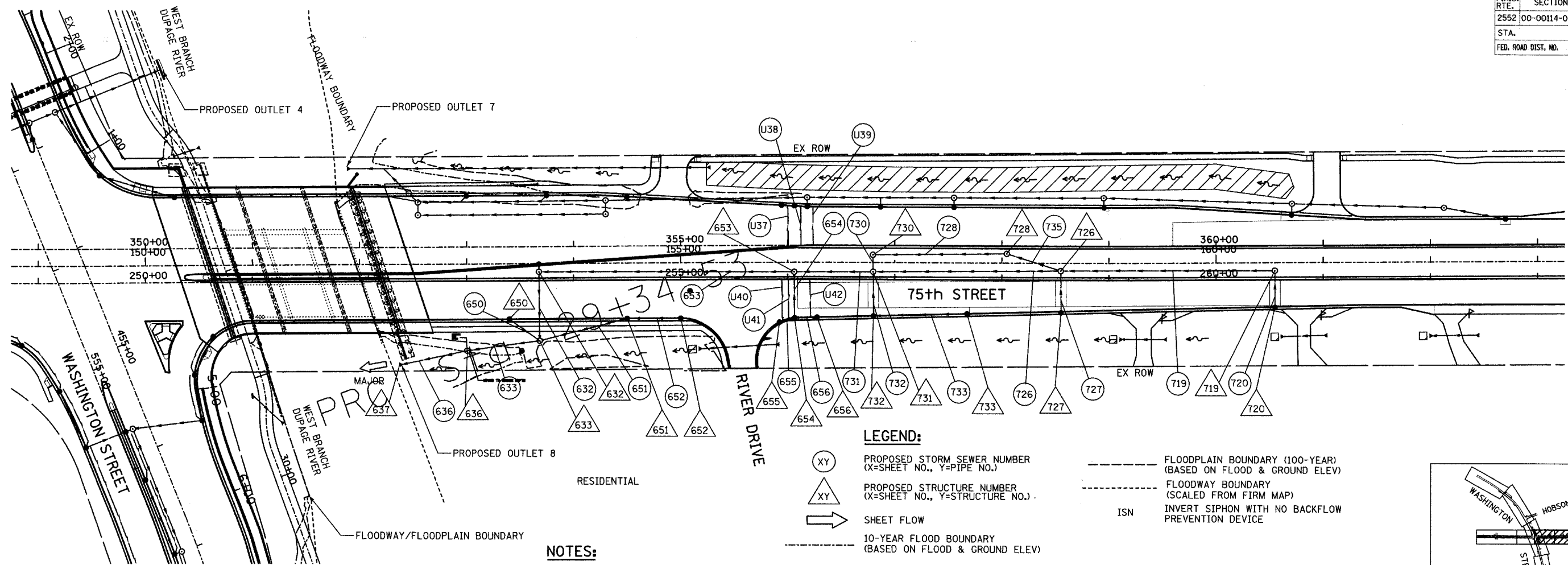
CONTRACT NO. 63024

DATE: APRIL 11, 2008

SCALE: HORIZ. 1"=50'-0" VERT. 1"=5'-0"

JOB NO. P-91-494-00 PROJECT NO. M-CMM-7003 (985)

TYLIN INTERNATIONAL

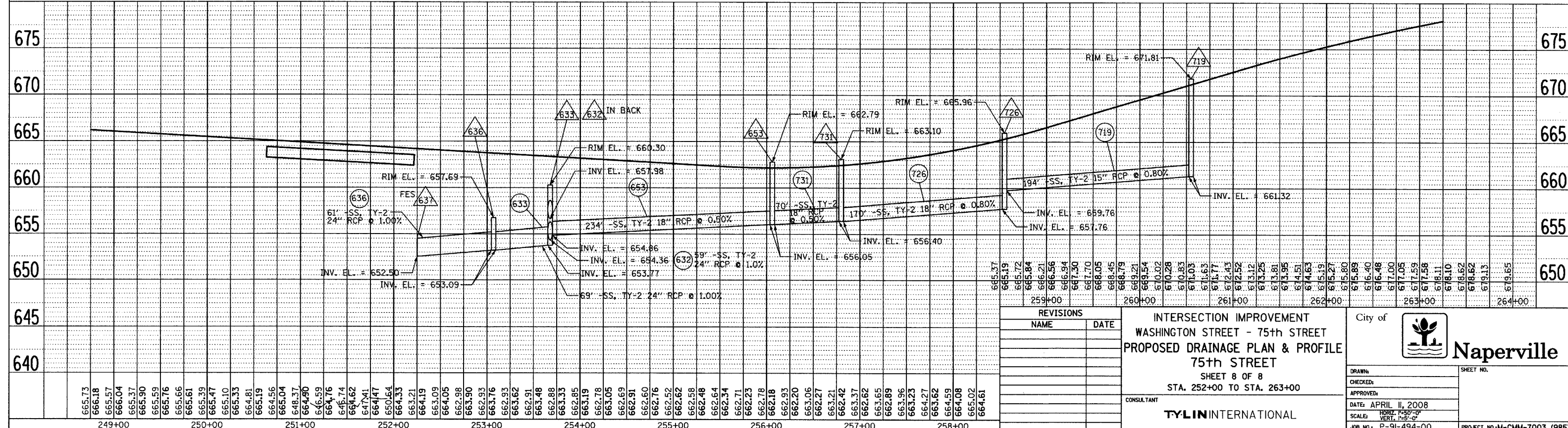
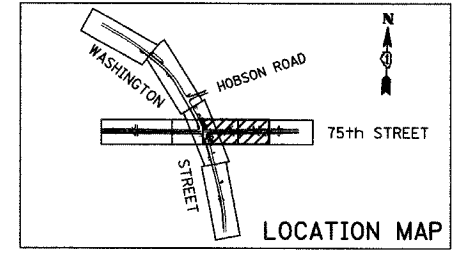
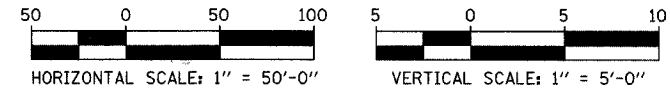


**LEGEND:**

- (XY) PROPOSED STORM SEWER NUMBER (X=SHEET NO., Y=PIPE NO.)
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**NOTES:**

- FOR CLARITY, PIPE UNDERDRAINS ARE SHOWN OFFSET FROM THEIR PROPOSED LOCATIONS. FOR DETAILED PLACEMENT, SEE PROPOSED TYPICAL SECTIONS.



<b>REVISIONS</b> NAME DATE		<b>INTERSECTION IMPROVEMENT</b> <b>WASHINGTON STREET - 75th STREET</b> <b>PROPOSED DRAINAGE PLAN &amp; PROFILE</b> <b>75th STREET</b> SHEET 8 OF 8 STA. 252+00 TO STA. 263+00	City of <b>Naperville</b>
DRAWN: _____ CHECKED: _____ APPROVED: _____ DATE: APRIL 11, 2008 SCALE: HORIZ. 1"=50'-0" VERT. 1"=5'-0"			
CONSULTANT <b>TYLIN INTERNATIONAL</b>		JOB NO. P-91-494-00	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00114-00-PV	DUPAGE	563	134
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
<b>CONTRACT NO. 63024</b>				

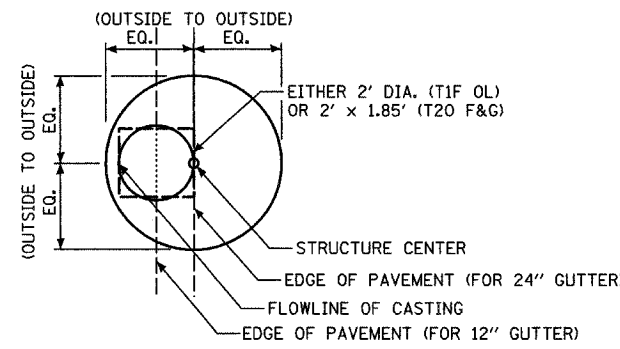
**GENERAL NOTES:**

- BEFORE FINAL ACCEPTANCE OF THE PROJECT, ALL PROPOSED STORM SEWER LINES SHALL BE CLEANED AS DIRECTED BY THE ENGINEER. THE COST FOR THIS WORK IS CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE BID FOR STORM SEWERS OF THE TYPE, CLASS AND DIAMETER SPECIFIED.
- REMOVAL OF COMBINED OR SANITARY SEWERS WILL BE PAID AT THE CONTRACT UNIT PRICE PER FOOT FOR "STORM SEWER REMOVAL", OF THE DIAMETER SPECIFIED.
- WHERE EXISTING STORM SEWERS THAT ARE TO BE REMOVED AND ARE CONNECTED TO ANOTHER STRUCTURE OR SEWER THAT IS TO REMAIN IN PLACE, THE OPENING SHALL BE PLUGGED WITH CLASS SI CONCRETE. THE PLUGS SHALL BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE UNIT BID PRICE FOR "STORM SEWER REMOVAL" OF THE DIAMETER SPECIFIED.
- TEMPORARY STORM SEWER PLUGS INSTALLED AND REMOVED IN THE CONTRACT FOR STAGING PURPOSES WILL NOT BE PAID SEPARATELY, BUT WILL BE INCIDENTAL TO THE COST OF THE PROPOSED STORM SEWER
- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2007; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2008; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" (IMUTCD); THE "STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS" (SSTCI); THE "DETAILS" IN THE PLANS AND THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS.
- ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS AND SPECIAL PROVISIONS SHALL BE INTERPRETED AS THE LATEST IDOT STANDARDS.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, CABLE AND GAS FACILITIES AND THE CITY OF NAPERVILLE (48-HOUR ADVANCE NOTIFICATION IS REQUIRED).
- ALL STORM SEWER CONNECTIONS WITH PIPES 27 INCHES IN DIAMETER AND SMALLER SHALL BE MADE WITH PRECAST "TEE" OR "WYE" PIPES. FOR PROPOSED STORM SEWER PIPES LARGER THAN 27 INCHES IN DIAMETER, OPENINGS OF THE SPECIFIED DIAMETER SHALL BE MADE IN THE PIPE AT THE TIME IT IS MANUFACTURED. PRECAST "TEE" AND "WYE" PIPE CONNECTIONS FOR PROPOSED STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE STORM SEWERS, OF THE TYPE AND SIZE SPECIFIED.
- HORIZONTAL CONTROL IS ILLINOIS STATE PLANE COORDINATES (NORTH AMERICAN DATUM 83 - NAD 83). VERTICAL CONTROL IS NGVD 29.
- STORM SEWER, WATER MAIN GRADE, IS TO BE USED AT LOCATIONS WHERE LATERAL SEPARATION BETWEEN THE SEWER AND WATER MAIN IS LESS THAN 10 FEET AND THE WATER MAIN INVERT IS LESS THAN 18 INCHES ABOVE THE STORM SEWER CROWN.
- STORM SEWER, RUBBER GASKET IS TO BE USED AT LOCATIONS WHERE THE WATER MAIN CROSSES BELOW THE SEWER, REGARDLESS OF VERTICAL SEPARATION OR WHERE THE BOTTOM OF THE WATER MAIN IS LESS THAN 18 INCHES ABOVE THE TOP OF THE SEWER.
- A "BOXED" NOTE INDICATES AN ITEM OF WORK THAT IS NOT PAID FOR SEPARATELY, BUT IS PAID FOR AS PART OF ANOTHER ITEM LISTED IN THE SUMMARY OF QUANTITIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF TREES AND SHRUBS IN ACCORDANCE WITH ARTICLE 201.05 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".
- DIMENSIONS: IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
- IN LOCATIONS WHERE EXISTING DRAINAGE STRUCTURES, EXISTING STORM SEWERS AND EXISTING FLARED END SECTIONS ARE IN CONFLICT WITH THE INSTALLATION OF THE PROPOSED DRAINAGE STRUCTURES AND STORM SEWERS, REMOVAL OF THE EXISTING ITEMS SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF DRAINAGE STRUCTURES OR STORM SEWERS, OF THE TYPE AND SIZE SPECIFIED.
- THE LOCATIONS OF EXISTING DRAINAGE STRUCTURES, STORM AND SANITARY SEWERS, WATER SERVICE LINES AND OTHER UTILITY LINES ARE APPROXIMATE, AND IDOT DOES NOT GUARANTEE THEIR ACCURACY. THEIR EXACT HORIZONTAL AND VERTICAL LOCATIONS ARE TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR AT HIS OWN EXPENSE. THE CONTRACTOR SHALL CONTACT J.U.L.I.E. PRIOR TO CONSTRUCTION AND COORDINATE ACTIVITIES WITH THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE.
- ANY EXISTING OR PROPOSED STORM SEWER DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPLACED TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
- ANY ABANDONED UTILITY OR SEWER ENCOUNTERED DURING CONSTRUCTION OR ANY EXISTING UTILITY OR SEWER ABANDONED AS PART OF THE CONSTRUCTION THAT IS NOT BEING FILLED WITH C.L.S.M., AS PER PLAN, SHALL BE PLUGGED AS DIRECTED BY THE ENGINEER AND ABANDONED IN PLACE. THIS WORK SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
- DURING CONSTRUCTION OPERATIONS, IF ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, THE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL UTILITY STRUCTURES SHALL BE FREE FROM DIRT AND DEBRIS. THE WORK SPECIFIED ABOVE WILL NOT BE PAID SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
- THE CONTRACTOR SHALL MAINTAIN THE SURFACE DRAINAGE OF ALL ROADWAYS DURING CONSTRUCTION OF THIS PROJECT. WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS, AND CATCH BASINS. HE SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE THE SAME. HE SHALL PROVIDE AND MAINTAIN A PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET AND BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL SUCH TIME AS THE PERMANENT CONNECTIONS WITH SEWERS ARE BUILT AND IN SERVICE. THIS WORK SHALL BE INCLUDED IN THE COST OF THE CONTRACT.

- ALL HYDRANTS AND AUXILIARY VALVES, FRAMES, GRATES, LIDS AND BOXES REMOVED FROM EXISTING WATER SERVICE OR SEWER STRUCTURES WHICH ARE TO BE ABANDONED OR ADJUSTED WITH A NEW OR DIFFERENT FRAME AND LID SHALL BE RETURNED TO THE APPLICABLE AGENCY. ALL HYDRANTS TO BE REMOVED SHALL BE REMOVED TO A MINIMUM DEPTH OF 3' FEET BELOW GRADE AND PLUGGED.
- STORM SEWER SHALL BE BACKFILLED IN ACCORDANCE WITH ARTICLE 550.07 (METHOD 1) OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". ALL TRENCH BACKFILL QUANTITIES FOR STORM SEWER HAVE BEEN COMPUTED AND SHALL BE PAID FOR IN ACCORDANCE WITH THE STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS BUREAU OF CONSTRUCTION TRENCH BACKFILL TABLE, WHICH IS BASED ON INVERT DEPTH FROM EXISTING PAVEMENT. ANY TRENCH BACKFILL REQUIRED IN EXCESS OF THE COMPUTED QUANTITY, INCLUDING BEDDING MATERIAL, SHALL BE INCLUDED IN THE COST OF TRENCH BACKFILL.
- STORM SEWERS TO BE REMOVED SHALL NOT BE SALVAGED FOR RE-USE ON THIS PROJECT.
- THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS THAT WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S OWN EXPENSE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL AND CLEAN UP OF MUD AND OTHER DEBRIS TRACKED ON ALL STREETS LEADING TO THE PROJECT SITE CAUSED BY THE CONSTRUCTION OPERATIONS. THE CLEAN UP IS AT THE DISCRETION OF AND MUST BE DONE TO THE SATISFACTION OF THE ENGINEER.
- ALL TRENCHES, HOLES OR OTHER EXCAVATIONS REQUIRED FOR UTILITY INSTALLATION SHOULD BE BACK-FILLED, STABILIZED AT THE END OF EACH WORKING DAY. NO EXCAVATION SHOULD BE OPENED MORE THAN WHAT CAN BE STABILIZED BY THE END OF THE SAME DAY. IF AN EXCAVATION MUST BE LEFT UNSTABILIZED OR OPEN OVERNIGHT, SOIL EROSION AND SAFETY PROTECTION MEASURES SHALL BE INSTALLED.
- ALL WASTE GENERATED AS A RESULT OF CONSTRUCTION ACTIVITIES (CONCRETE TRUCK WASHOUT, CHEMICALS, LITTER, SANITARY WASTE OR ANY OTHER WASTE) SHALL BE PROPERLY DISPOSED OF AND BE PREVENTED FROM BEING CARRIED OFF THE SITE BY EITHER WIND OR WATER.
- NO WORK SHALL BE PERFORMED IN FLOWING WATER. WORK IN AND NEAR THE CRITICAL AREAS SHOULD BE ISOLATED FROM CONCENTRATED FLOWS OR STREAM FLOW. ONCE WORK IN THIS AREA BEGINS, PRIORITY SHALL BE GIVEN THE COMPLETION OF THE WORK AND FINAL STABILIZATION OF ALL DISTURBED AREAS.

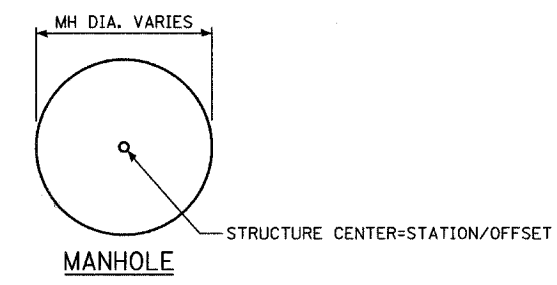
**DRAINAGE SCHEDULE NOTES:**

- INDICATES MANHOLE, TYPE A, TYPE 1 FRAME, CLOSED LID, WITH RESTRICTOR PLATE.
- INDICATES CATCH BASIN TYPE A WITH FLAT SLAB TOP.
- INDICATES MANHOLE TYPE A WITH FLAT SLAB TOP, IDOT STANDARD 602601.
- INDICATES SEWER LATERAL WITH 45° CONNECTION. SEE SHEET "DETAIL OF STORM SEWER CONNECTIONS TO SEWER."
- FES=FLARED END SECTION, ES=END SECTION. SIZE NOTED IN SCHEDULE IS GIVEN IN INCHES.
- SEE THE DRAINAGE & UTILITY PLANS FOR LOCATION OF ALL STRUCTURES.
- CATCH BASIN STATIONS AND OFFSETS ARE MEASURED TO EDGE OF PAVEMENT. (SEE BELOW)
- THE STATION/OFFSET/ELEVATION NOTED FOR ALL DRAINAGE STRUCTURES LOCATED IN THE CURB LINE AND/OR SHOULDER REFER TO THE POSITION OF THE ADJACENT PROPOSED EDGE OF PAVEMENT OR EDGE OF SHOULDER AS APPLICABLE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE OFFSET NECESSARY FOR THE STRUCTURES TO SET THE FRAME AND GRATE IN THE PROPOSED LOCATION. THE STATION/OFFSET FOR ALL OTHER DRAINAGE STRUCTURES ARE DIMENSIONED TO THE CENTER OF STRUCTURE AND ELEVATION TO TOP OF GRATE.

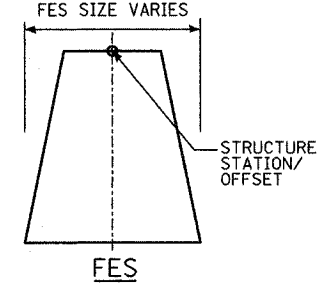


**CATCH BASIN**  
(PRECAST REINFORCED CONCRETE SECTION)

(PRECAST REINFORCED CONCRETE SECTION)  
(9) MANHOLE STATIONS AND OFFSETS ARE MEASURED TO CENTER OF STRUCTURE. (SEE BELOW)



(10) FLARED END SECTION STATIONS AND OFFSETS ARE MEASURED TO CENTER OF STRUCTURE. (SEE BELOW)




- INDICATES FLUSH INLET BOX FOR MEDIAN, IDOT STANDARD 542546
- ECCENTRIC CONES SHALL BE ROTATED SUCH THAT THE MANHOLE COVER IS IN THE CENTER OF THE TRAFFIC LANE.
- INDICATES REINFORCED CONCRETE END SECTION, CAST IN PLACE, IDOT STANDARD 542101-01.
- INDICATES REINFORCED CONCRETE END SECTION, CAST IN PLACE, IDOT STANDARD 542106-01.
- INDICATES REINFORCED CONCRETE END SECTION, CAST IN PLACE (SEE DRAINAGE DETAILS-END SECTION DETAIL)

REVISIONS	
NAME	DATE

INTERSECTION IMPROVEMENT  
WASHINGTON STREET - 75th STREET  
**DRAINAGE GENERAL NOTES**  
SHEET 1 OF 1

CONSULTANT  
**TYLIN INTERNATIONAL**

City of  **Naperville**

DRAWN: \_\_\_\_\_ SHEET NO. \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 APPROVED: \_\_\_\_\_  
 DATE: APRIL 11, 2008  
 SCALE: NONE  
 JOB NO.: P-91-494-00 PROJECT NO.: M-CMM-7003 (985)

### DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NUMBER	STATION	OFFSET	STRUCTURE TYPE		DIA. (FT)	FRAME & LID	TOP OF FRAME	N INV.	E INV.	S INV.	W INV.
			MH/FES/SHW	CB							
11	426+07.83	29.3 LT			5	T1F CL	677.00			664.83	
12	427+51.30	31.7 LT	A		5	T1F CL	675.50	663.96		661.96	
13	429+85.20	32.8 LT	A		5	T1F CL	670.60	661.37		661.37	
14	529+99.48	18.1 RT	A		5	T1F CL	670.23	665.18	665.70	663.18	665.70
15	431+66.56	29.6 LT	A		7	T1F CL	667.40	660.83		660.83	661.84
16	431+74.34	32.8 LT	A(1)		6	T1F CL	667.10	660.82		660.82	
17	431+81.97	36.3 LT	ES(13)		24	GRATE	N/A	660.81			
18	531+64.90	18.1 RT	A		5	T1F CL	667.14	662.91	662.38		662.58
19	431+89.01	35.0 LT	FES (5)		24	GRATE	N/A				659.50
110	432+07.39	34.5 LT		INL(11)	4x4	F&G SPL	662.00				657.50
111	432+60.45	34.6 LT		INL(11)	4x4	F&G SPL	662.00				657.50
112	433+80.00	6.0 RT	A		4	T1F CL	665.76		660.54	660.38	660.44
113	433+81.00	24.0 LT		A	4	T20 F&G	665.22				660.80
114	528+15.00	24.2 RT		A	4	T20 F&G	673.74			668.43	
115	528+80.00	24.3 RT		A	4	T20 F&G	672.39	667.82		667.82	
116	529+40.00	24.2 RT		A	4	T20 F&G	671.24			666.28	
117	529+99.47	24.0 RT		A	4	T20 F&G	670.14	665.72	665.72		
118	530+57.50	24.1 RT		A	4	T20 F&G	669.07			663.60	
119	531+15.50	24.3 RT		A	4	T20 F&G	667.96	663.06		663.06	
120	531+64.99	24.0 RT		A	4	T20 F&G	667.02	662.60	662.60		
121	531+92.30	47.5 RT		INL(11)	4x4	F&G SPL	665.50		658.50		
122	532+59.44	49.7 RT		INL(11)	4x4	F&G SPL	665.50		658.50		
123	533+80.20	24.0 RT		A	4	T20 F&G	665.13		660.71		
124	532+72.60	24.3 RT		A	4	T20 F&G	665.73			661.34	
125	533+01.46	24.0 RT		A	4	T20 F&G	665.51	661.09			661.09
126	528+99.31	18.2 RT	A		5	T1F CL	672.08	667.66		666.83	
21	434+56.00	24.0 LT		A	4	T20 F&G	664.91			660.89	
22	435+45.00	8.3 RT	A		5	T1F CL	665.55	659.74	659.87	659.24	659.72
23	435+31.00	24.0 LT		A	4	T20 F&G	664.60	660.18			660.18
24	435+68.48	0.00 RT		A	4	T20 F&G	664.93				660.51
25	436+00.00	24.0 LT		A	4	T20 F&G	664.32			660.66	
26	436+53.72	9.2 RT	A		5	T1F CL	665.09	658.93	659.87	658.93	659.29
27	436+54.00	24.0 LT		A	4	T20 F&G	664.58	660.16			660.16
28	437+29.54	23.2 LT	A		4	T1F CL	664.91		660.10		660.10
29	437+30.01	9.3 RT	A		7	T1F CL	664.79	658.71	660.39	658.21	658.73
210	437+50.00	0.00 RT		A	4	T20 F&G	664.18				659.76
211	538+47.24	6.6 LT	A(12)		7	T1F CL	663.84	657.88	659.27	657.88	658.27
212	438+50.00	0.00 RT		A	4	T20 F&G	663.77				659.35
213	438+72.49	22.0 LT	A		4	T1F CL	664.29		658.14		658.14
214	439+49.18	43.1 LT		INL(11)	4x4	F&G SPL	661.00				652.96
215	439+65.00	0.00 RT		A	4	T20 F&G	663.29				658.87
216	439+83.72	41.9 LT		INL(11)	4x4	F&G SPL	661.00				652.94
217	540+00.75	6.5 LT	A(12)		5	T1F CL	663.20	657.44		657.44	657.64
218	440+45.00	0.00 RT		A	4	T20 F&G	663.03			658.61	
219	440+60.00	0.00 RT		A	4	T20 F&G	663.02	658.50			658.50
220	540+55.07	6.5 LT	A(12)		5	T1F CL	662.98	657.29	658.43	657.29	
221	541+20.95	6.5 LT	A(12)		5	T1F CL	662.92	657.11	657.11	657.11	656.93
222	441+31.49	29.3 LT	A(1)		6	T1F CL	663.90		657.02		657.02
223	441+33.13	43.8 LT	ES(13)		30	GRATE	N/A				656.92
224	441+56.00	0.00 RT		A	4	T20 F&G	663.29				658.87
225	541+99.09	6.5 LT	A(12)		5	T1F CL	663.20	657.33		657.45	657.31
226	442+56.00	0.00 RT		A	4	T20 F&G	663.70				659.28
227	542+60.61	6.5 LT	A(12)		8	T1F CL	663.45	657.63	659.17	657.63	657.74
228	443+23.04	22.0 LT		A	4	T20 F&G	663.98				659.56

### STORM SEWER AND CULVERT SCHEDULE

PIPE NUMBER	UPSTREAM STATION	DOWNSTREAM STATION	TYPE	DIA. (IN)	LENGTH (FT)	SLOPE (%)	T.B. (CU.YD)
11	426+07.83	427+51.30	3	24	141	0.60	
12	427+51.30	429+85.20	3	36	230	0.25	
13	429+85.20	431+66.56	2	36	178	0.30	
14	529+99.48	531+64.90	2	24	160	0.50	18.6
15	431+66.56	431+74.34	2	36	4	0.20	
16	431+74.34	431+81.97	2	24	4	0.20	
17	NOT USED	-					
18	531+64.90	431+66.56	2	24	54	1.00	11.1
19	431+89.01	431+89.01	2	30	6	1.00	2.8
110	NOT USED	-					
111	NOT USED	-					
112	433+80.00	435+45.00	2	18	161	0.40	49.4
113	433+81.00	433+80.00	2	12	26	1.00	5.6
114	528+15.00	528+80.00	2	12	61	1.00	14.4
115	528+80.00	528+99.31	2	12	16	1.00	3.1
116	529+40.00	529+99.47	2	12	56	1.00	12.0
117	529+99.47	529+99.48	2	12	2	1.00	0.3
118	530+57.50	531+15.50	2	12	54	1.00	13.9
119	531+15.50	531+64.99	2	12	46	1.00	8.9
120	531+64.99	531+64.90	2	12	2	1.00	0.3
121	531+92.30	432+07.39	2	30	107	0.93	29.7
122	532+59.44	432+60.45	2	30	107	0.93	30.3
123	533+80.20	433+80.00	2	12	27	1.00	5.8
124	532+72.60	533+01.46	2	12	25	1.00	4.3
125	533+01.46	532+99.07	2	12	2	1.00	0.3
126	528+99.31	529+99.48	2	24	95	0.50	11.0
21	434+56.00	435+31.00	2	12	71	1.00	10.8
22	435+45.00	436+53.72	2	24	105	0.30	
23	435+31.00	435+45.00	2	12	31	1.00	7.3
24	435+68.48	435+76.86	2	12	10	1.00	1.9
25	436+00.00	436+54.00	2	12	50	1.00	6.6
26	436+53.72	437+30.01	2	24	72	0.30	
27	436+54.00	436+53.72	2	12	29	1.00	6.2
28	437+30.01	437+29.54	2	12	29	1.00	5.6
29	437+30.01	538+47.24	2	30	110	0.29	41.6
210	437+50.00	437+59.63	2	12	13	1.00	2.2
211	538+47.24	538+69.87	2	30	18	0.30	5.9
212	438+50.00	538+47.24	2	12	8	1.00	1.6
213	438+72.49	538+47.24	2	12	29	1.00	8.1
214	NOT USED	-					
215	439+65.00	439+65.12	2	12	11	1.00	1.9
216	540+00.82	540+00.75	2	18	36	1.00	8.3
217	540+00.75	540+55.07	2	30	50	0.30	14.7
218	440+45.00	440+60.00	2	12	11	1.00	1.9
219	440+60.00	540+55.07	2	12	7	1.00	1.4
220	540+55.07	541+20.95	2	30	61	0.30	17.9
221	541+20.95	441+31.49	2	30	35	0.26	20.0
222	441+31.49	441+33.13	2	30	10	1.00	
223	NOT USED	-					
224	441+56.00	441+55.71	2	12	10	1.00	1.9
225	541+99.09	541+20.95	2	24	74	0.30	23.9
226	442+56.00	542+60.61	2	12	11	1.00	1.9
227	542+60.61	541+99.09	2	24	57	0.31	20.1
228	443+23.04	543+39.07	2	12	33	1.00	6.4


SEE "DRAINAGE GENERAL NOTES" FOR DRAINAGE SCHEDULE NOTES.

REVISIONS	
NAME	DATE

INTERSECTION IMPROVEMENT  
WASHINGTON STREET - 75th STREET

**DRAINAGE SCHEDULE**  
SHEET 1 OF 7

CONSULTANT  
**TYLIN INTERNATIONAL**

City of  **Naperville**

DRAWN: \_\_\_\_\_ SHEET NO. \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 APPROVED: \_\_\_\_\_  
 DATE: APRIL 11, 2008  
 SCALE: NONE  
 JOB NO.: P-91-494-00 PROJECT NO.: M-CMM-7003 (985)

### DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NUMBER	STATION	OFFSET	STRUCTURE TYPE		DIA. (FT)	FRAME & LID	TOP OF FRAME	N INV.	E INV.	S INV.	W INV.
			MH/FES/SHW	CB							
229	543+39.07	10.0 LT		A	4	T20 F&G	663.82		659.23		659.23
230	543+42.05	5.0 LT	A(12)		6	T1F CL	663.71	657.82	659.21	658.32	658.19
231	443+95.00	22.0 LT		A	4	T20 F&G	663.84				659.42
232	544+50.00	10.0 LT		A	4	T20 F&G	664.28		659.26		659.26
233	544+54.82	5.0 LT	A(12)		6	T1F CL	664.19	658.75	659.23	658.75	658.59
234	444+90.00	27.0 LT		A	4	T20 F&G	664.12				659.70
235	545+50.00	5.0 LT	A(12)		5	T1F CL	664.59	659.11	659.40		659.01
236	455+82.73	32.9 LT		A	4	T20 F&G	664.32				659.90
237	NOT USED										
238	701+55.72	27.5 RT		A	4	T20 F&G	662.05				657.63
239	701+46.47	29.2 RT	A		5	T1F CL	662.09		657.58	654.94	654.94
240	701+45.76	38.1 RT	A(1)		6	T1F CL	662.05	654.87		654.87	
241	701+71.64	45.2 RT	FES (5)		36	GRATE	N/A	654.80			
242	446+84.25	40.6 LT	A		5	T1F CL	662.92		655.42	655.42	
243	447+55.72	59.1 LT		INL(11)	4x4	F&G SPL	659.50				650.70
244	447+86.00	33.0 LT	A		4	T1F CL	663.77			659.35	
245	448+00.00	40.6 LT	A		5	T1F CL	663.90	655.89		659.39	657.60
246	448+01.00	33.0 LT		A	4	T20 F&G	663.76	659.24	657.64		657.64
247	548+05.00	33.0 RT		A	4	T20 F&G	663.36	658.51	658.51		
248	547+49.73	45.3 RT		INL(11)	4x4	F&G SPL	663.00		651.50		
249	547+39.98	33.0 RT		A	4	T20 F&G	663.50			659.08	
250	545+50.00	33.0 RT		A	4	T20 F&G	663.77		659.35		
251	544+50.00	33.0 RT		A	4	T20 F&G	663.35		658.93		
252	543+55.00	33.0 RT		A	4	T20 F&G	662.95		658.53		
253	542+80.00	33.0 RT		A	4	T20 F&G	662.52		658.10		
254	542+00.01	31.8 RT		A	4	T20 F&G	662.13		657.71		
255	541+16.28	30.0 RT		A	4	T20 F&G	661.89	657.27	657.27		
256	541+01.29	29.7 RT		A	4	T20 F&G	661.89	657.38		657.38	
257	540+86.28	29.5 RT		A	4	T20 F&G	661.91			657.49	
258	540+24.62	28.3 RT		A	4	T20 F&G	662.12	657.42	657.42		
259	540+14.42	28.2 RT		A	4	T20 F&G	662.17			657.75	
260	539+93.88	55.1 RT		INL(11)	4x4	F&G SPL	662.00		653.50		
261	539+40.35	49.9 RT		INL(11)	4x4	F&G SPL	662.00		653.50		
262	539+23.23	26.7 RT		A	4	T20 F&G	662.59		658.17		
263	538+35.20	25.5 RT		A	4	T20 F&G	662.99		658.57		
264	537+35.20	24.3 RT		A	4	T20 F&G	663.44		659.02		
265	536+35.20	24.0 RT		A	4	T20 F&G	664.06		659.64		
266	535+50.20	24.0 RT		A	4	T20 F&G	664.42		660.00		660.00
267	534+65.20	24.0 RT		A	4	T20 F&G	664.77			660.81	
268	538+69.87	6.5 LT	A(12)		6	T1F CL	663.74	657.82	657.85	657.82	
269	547+93.00	33.0 RT		A	4	T20 F&G	663.37	658.59		658.59	
270	NOT USED										
271	NOT USED										
272	NOT USED										
273	NOT USED										
31	448+49.55	130.6 LT	FES (5)		12	GRATE	N/A				655.00
32	448+52.13	105.4 LT		INL	2	T8 F&G	657.00		655.25		
33	448+66.00	33.0 LT		A	4	T20 F&G	663.98		659.56		
34	449+49.00	0.00 RT		A	4	T20 F&G	665.05			660.63	
35	449+30.00	40.6 LT	A		5	T1F CL	664.80	657.02	657.02	657.02	657.88
36	449+85.00	0.00 RT		A	4	T20 F&G	665.23	660.31	660.31		
37	449+85.32	40.2 LT	A		5	T1F CL	665.70	657.27	658.47	657.27	659.95
38	450+35.00	0.00 LT		A	4	T20 F&G	665.48		658.24		658.24
39	450+36.95	40.0 LT	A		5	T1F CL	666.40	657.51		657.78	657.88

### STORM SEWER AND CULVERT SCHEDULE

PIPE NUMBER	UPSTREAM STATION	DOWNSTREAM STATION	TYPE	DIA. (IN)	LENGTH (FT)	SLOPE (%)	T.B. (CU.YD)
229	543+39.07	543+42.05	2	12	2	1.00	0.4
230	543+42.05	542+60.61	2	24	76	0.25	26.8
231	443+95.00	543+87.65	2	12	33	1.00	7.1
232	544+50.00	544+54.82	2	12	3	1.00	0.7
233	544+54.82	543+42.05	2	18	107	0.40	38.7
234	444+90.00	544+50.00	2	12	44	1.00	9.5
235	545+50.00	544+54.82	2	18	90	0.40	32.6
236	455+82.73	545+50.00	2	12	50	1.00	10.8
237	NOT USED	-					
238	701+55.72	701+46.47	2	12	5	1.00	0.9
239	701+46.47	701+45.76	2	12	7	1.00	5.1
240	701+45.76	701+71.64	2	24	14	0.50	
241	NOT USED	-					
242	446+84.25	701+46.47	2	24	96	0.50	67.7
243	NOT USED	-					
244	447+86.00	448+01.00	2	12	11	1.00	1.9
245	448+00.00	446+84.25	2	24	95	0.50	38.1
246	448+01.00	448+00.00	2	12	4	1.00	1.4
247	548+05.00	448+01.00	2	12	87	1.00	24.2
248	547+49.73	447+55.72	2	36	125	0.64	140.9
249	547+39.98	547+93.00	2	12	49	1.00	9.5
250	545+50.00	545+50.00	2	12	34	1.00	8.0
251	544+50.00	544+54.82	2	12	34	1.00	8.0
252	543+55.00	543+42.05	2	12	34	1.00	8.0
253	542+80.00	542+60.61	2	12	36	1.00	8.5
254	542+00.01	541+99.09	2	12	40	1.00	10.3
255	541+16.28	541+20.95	2	15	34	1.00	9.6
256	541+01.29	541+16.28	2	15	11	1.00	2.1
257	540+86.28	541+01.29	2	15	11	1.00	1.8
258	540+24.62	540+22.98	2	15	33	1.00	6.3
259	540+14.42	540+24.62	2	15	6	1.00	1.1
260	539+93.88	439+83.72	2	24	109	0.50	106.5
261	539+40.35	439+49.18	2	24	113	0.50	106.5
262	539+23.23	539+23.68	2	12	30	1.00	5.2
263	538+35.20	538+47.24	2	12	30	1.00	7.1
264	537+35.20	437+30.01	2	12	29	1.00	7.5
265	536+35.20	436+53.72	2	12	35	1.00	9.0
266	535+50.20	435+45.00	2	12	28	1.00	7.2
267	534+65.20	535+50.20	2	12	81	1.00	12.3
268	538+69.87	540+00.75	2	30	126	0.30	37.3
269	547+93.00	548+05.00	2	12	8	1.00	1.7
270	437+29.54	437+29.71	2	12	4	1.00	1.2
271	437+29.71	437+30.02	2	12	3	1.00	
272	438+72.01	438+72.30	2	12	3	1.00	
273	438+72.30	438+72.49	2	12	4	1.00	1.4
31	NOT USED	-					
32	448+52.13	448+49.55	2	12	22	1.00	
33	448+66.00	448+66.01	2	12	6	1.00	1.8
34	449+49.00	449+85.00	2	12	32	1.00	6.2
35	449+30.00	448+00.00	2	18	125	0.50	
36	449+85.00	449+85.32	2	12	36	1.00	9.3
37	449+85.32	449+30.00	2	18	51	0.50	
38	450+35.00	450+36.95	2	12	36	1.00	29.7
39	450+36.95	449+85.32	2	18	48	0.50	


SEE "DRAINAGE GENERAL NOTES" FOR DRAINAGE SCHEDULE NOTES.

REVISIONS	
NAME	DATE

INTERSECTION IMPROVEMENT  
WASHINGTON STREET - 75th STREET

**DRAINAGE SCHEDULE**  
SHEET 2 OF 7

CONSULTANT  
**TYLIN INTERNATIONAL**

City of	 <b>Naperville</b>
DRAWN:	
CHECKED:	SHEET NO.
APPROVED:	
DATE: APRIL 11, 2008	
SCALE: NONE	
JOB NO: P-91-494-00	PROJECT NO: M-CMM-7003 (985)

### DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NUMBER	STATION	OFFSET	STRUCTURE TYPE		DIA. (FT)	FRAME & LID	TOP OF FRAME	N INV.	E INV.	S INV.	W INV.
			MH/FES/SHW	CB							
310	451+25.00	0.00 RT		A	4	T20 F&G	665.93		658.81		658.81
311	451+25.14	40.0 LT	A		5	T1F CL	667.10	658.22			658.44
312	452+00.00	0.00 LT		A	4	T20 F&G	666.30	659.17			659.17
313	451+39.34	134.6 LT	FES (5)		36	GRATE	N/A				650.00
314	455+24.26	86.9 LT		A	4	T20 F&G	664.10			659.68	
315	453+54.13	115.5 LT		INL	2	T8 F&G	651.80		650.05		
316	453+55.55	139.8 LT	FES (5)		12	GRATE	N/A				649.80
317	455+89.24	100.2 LT		INL	2	T8 F&G	652.20		650.35		
318	456+20.00	115.0 LT	FES (5)		12	GRATE	N/A				650.00
319	455+51.00	57.4 LT		A	4	T20 F&G	664.40	659.32		659.32	
320	455+93.00	47.8 LT		A	4	T20 F&G	664.72	659.00			659.00
321	455+75.99	15.0 RT	A(12)		4	T1F CL	665.06		658.38	655.40	659.14
322	456+99.97	15.0 RT	A(12)		4	T1F CL	663.59	654.87		654.62	658.98
323	458+03.99	89.1 LT		INL	2	T8 F&G	651.80		650.05		
324	458+01.96	115.1 LT	FES (5)		12	GRATE	N/A				649.80
325	458+24.66	13.0 RT	A(12)		5	T1F CL	661.21	654.20		653.70	656.35
326	459+00.00	12.9 RT		A	4	T20 F&G	659.73				655.31
327	459+00.72	20.6 RT	A		5	T1F CL	660.33	653.46	655.27	652.96	654.04
328	NOT USED										
329	NOT USED										
330	459+50.00	31.7 LT		A	4	T20 F&G	659.46				655.04
331	459+80.87	54.7 LT		INL(11)	4x4	F&G SPL	653.50				645.21
332	460+24.47	52.5 LT		INL(11)	4x4	F&G SPL	653.50				645.21
333	460+42.27	27.0 LT		A	4	T20 F&G	657.31				652.89
334	460+47.75	10.3 RT	A		5	T1F CL	658.44	652.60	652.55	652.11	652.20
335	461+17.27	23.3 LT		A	4	T20 F&G	657.06			652.64	
336	561+04.13	31.9 RT		A	4	T20 F&G	656.83			652.41	
337	560+34.10	33.0 RT		A	4	T20 F&G	657.05	652.59	652.59		
338	560+10.87	64.8 RT		INL(11)	4x4	F&G SPL	657.25		645.90		
339	559+65.21	64.3 RT		INL(11)	4x4	F&G SPL	657.25		645.90		
340	559+52.25	34.9 RT		A	4	T20 F&G	657.79			653.37	
341	558+89.25	33.0 RT		A	4	T20 F&G	658.83		654.41		
342	458+25.11	20.0 RT		A	4	T20 F&G	660.97		656.38		656.38
343	557+64.25	33.0 RT		A	4	T20 F&G	661.39		656.97		
344	457+00.00	22.0 RT		A	4	T20 F&G	663.43	659.01	659.01		
345	456+25.00	22.0 RT		A	4	T20 F&G	664.60			659.66	
346	455+76.00	22.0 RT		A	4	T20 F&G	664.97		659.17		659.17
347	555+64.25	33.0 RT		A	4	T20 F&G	663.94	659.53	659.53		
348	555+06.25	36.4 RT		A	4	T20 F&G	664.50			660.08	
349	552+28.16	49.6 RT		A	4	T20 F&G	664.63	660.21			658.49
350	451+39.40	0.00 RT	DROP		6	T1F CL	666.00		653.00	658.60	659.42
351	551+90.00	45.7 RT		A	4	T20 F&G	664.38		659.88	659.88	
352	551+13.11	44.0 RT		A	4	T20 F&G	663.94		659.52		
353	550+70.00	44.0 RT		A	4	T20 F&G	663.75	659.33			
354	550+25.00	44.0 RT		A	4	T20 F&G	663.67	659.01	658.93	658.93	
355	549+80.00	44.0 RT		A	4	T20 F&G	663.84			659.42	
356	549+30.00	40.9 RT		A	4	T20 F&G	663.68	658.52	658.52		
357	548+75.01	36.3 RT		A	4	T20 F&G	663.46			659.04	
358	549+14.09	78.5 RT		INL(11)	4x4	F&G SPL	664.40		655.00		
359	449+19.99	55.0 LT		INL(11)	4x4	F&G SPL	661.00				653.00
360	551+21.09	48.4 RT	A		5	T1F CL	664.00		659.54		
361	552+30.96	162.7 RT		INL	2	T8F&G	664.00		659.58		
362	458+29.00	29.0 LT		INL	2	T8F&G	651.50	650.15			
41	461+92.27	22.0 LT		A	4	T20 F&G	656.83	651.93			651.93

### STORM SEWER AND CULVERT SCHEDULE

PIPE NUMBER	UPSTREAM STATION	DOWNSTREAM STATION	TYPE	DIA. (IN)	LENGTH (FT)	SLOPE (%)	T.B. (CU.YD)
310	451+25.00	451+25.14	2	12	37	1.00	30.5
311	451+25.14	450+36.95	2	15	87	0.50	
312	452+00.00	451+39.40	2	12	57	1.00	45.1
313	451+39.40	451+39.34	3	36	130	0.50	93.9
314	455+24.26	455+51.00	3	12	36	1.00	7.7
315	453+54.13	453+55.55	2	12	21	1.00	
316	NOT USED	-					
317	455+89.24	456+20.00	2	12	35	1.00	
318	NOT USED	-					
319	455+51.00	455+93.00	2	12	32	1.00	9.6
320	455+93.00	455+75.99	2	12	62	1.00	23.7
321	455+75.99	456+99.97	2	15	120	0.44	130.4
322	456+99.97	458+24.66	2	18	119	0.35	107.3
323	458+03.99	458+01.96	2	12	23	1.00	
324	NOT USED	-					
325	458+24.66	459+00.72	2	24	71	0.34	54.2
326	459+00.00	459+00.72	2	12	4	1.00	0.9
327	459+00.72	460+47.75	2	30	143	0.25	
328	NOT USED	-					
329	NOT USED	-					
330	459+50.00	458+52.96	2	12	9	1.00	8.1
331	NOT USED	-					
332	NOT USED	-					
333	460+42.27	460+47.75	2	12	34	1.00	8.7
334	460+47.75	461+92.54	2	36	140	0.25	44.9
335	461+17.27	461+92.27	2	12	71	1.00	13.8
336	561+04.13	561+74.13	2	12	66	1.00	12.8
337	560+34.10	460+47.75	2	12	39	1.00	10.8
338	560+10.87	460+24.47	3	36	146	0.50	160.4
339	559+65.21	459+80.87	3	36	149	0.50	160.4
340	559+52.25	560+34.10	2	12	78	1.00	13.5
341	558+89.25	459+00.72	2	12	37	1.00	10.3
342	458+25.11	458+24.66	2	12	3	1.00	0.6
343	557+64.25	458+25.11	2	12	59	1.00	11.4
344	457+00.00	456+99.97	2	12	3	1.00	0.6
345	456+25.00	457+00.00	2	12	65	1.00	14.0
346	455+76.00	455+75.99	2	12	3	1.00	1.1
347	555+64.25	455+76.00	2	12	36	1.00	10.0
348	555+06.25	555+64.25	2	12	55	1.00	9.5
349	552+28.16	551+90.00	2	12	33	1.00	6.4
350	551+21.09	451+39.40	2	36	76	1.00	15.7
351	551+90.00	452+00.00	2	12	71	1.00	24.2
352	551+13.11	451+25.00	2	12	71	1.00	22.7
353	550+70.00	550+25.00	2	12	40	1.00	7.8
354	550+25.00	450+35.00	2	12	69	1.00	23.5
355	549+80.00	550+25.00	2	12	41	1.00	8.0
356	549+30.00	449+30.00	2	12	64	1.00	20.5
357	548+75.01	549+30.00	2	12	52	1.00	11.2
358	549+14.09	449+19.99	2	30	134	1.50	122.3
359	449+40.38	449+30.00	2	12	13	1.00	
360	449+85.32	449+85.37	2	12	5	1.00	
361	552+30.96	552+28.16	2	12	109	1.00	
362	458+29.00	458+03.99	2	12	23	0.43	
41	461+92.27	461+92.54	2	12	25	1.00	7.5


SEE "DRAINAGE GENERAL NOTES" FOR DRAINAGE SCHEDULE NOTES.

REVISIONS	
NAME	DATE

INTERSECTION IMPROVEMENT  
WASHINGTON STREET - 75th STREET

**DRAINAGE SCHEDULE**  
SHEET 3 OF 7

CONSULTANT  
**TYLIN INTERNATIONAL**

City of  **Naperville**

DRAWN: \_\_\_\_\_ SHEET NO. \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 APPROVED: \_\_\_\_\_  
 DATE: APRIL 11, 2008  
 SCALE: NONE  
 JOB NO.: P-91-494-00 PROJECT NO.: M-CMM-7003 (985)


**DRAINAGE STRUCTURE SCHEDULE**

**STORM SEWER AND CULVERT SCHEDULE**

STRUCTURE NUMBER	STATION	OFFSET	STRUCTURE TYPE		DIA. (FT)	FRAME & LID	TOP OF FRAME	N INV.	E INV.	S INV.	W INV.
			MH/FES/SHW	CB							
42	461+92.54	6.8 RT	A		5	T1F CL	657.87	651.87	651.68	651.76	651.42
43	462+92.27	22.0 LT		A	4	T20 F&G	656.48				652.06
44	462+92.02	4.4 RT	A		8	T1F CL	657.49	651.60	651.85	651.52	651.60
45	463+82.27	22.0 LT		A	4	T20 F&G	656.16				651.74
46	463+81.41	2.2 RT	A		6	T1F CL	656.83	651.31	651.54	650.81	
47	464+72.01	22.3 LT		A	4	T20 F&G	655.84				651.42
48	464+73.58	4.3 LT	A		6	T1F CL	656.17	650.51	651.28	650.51	
49	465+57.36	23.7 LT		A	4	T20 F&G	655.52				651.10
410	466+58.60	6.0 LT	A		8	T1F CL	655.63	650.32	650.78	649.82	650.32
411	465+98.25	41.6 LT		INL(11)	4x4	F&G SPL	652.50				645.26
412	466+58.60	24.0 LT		A	4	T20 F&G	655.34				650.92
413	NOT USED										
414	467+22.22	6.0 LT	A		8	T1F CL	655.87	649.73	649.73		
415	467+35.81	31.4 LT	A(1)		8	T1F CL	655.00		649.53		649.71
416	467+44.81	66.5 LT	ES(14)		48	GRATE	N/A				649.65
417	466+00.89	37.7 RT		INL(11)	4x4	F&G SPL	655.00		645.63		
418	465+86.28	24.0 RT		A	4	T20 F&G	655.41	649.89	649.89		
419	564+84.13	25.6 RT		A	4	T20 F&G	655.65	650.71		650.71	
420	563+99.13	27.1 RT		A	4	T20 F&G	655.94			651.52	
421	466+47.57	18.0 RT	A		4	T1F CL	655.38	650.55	650.55		
422	562+94.76	18.0 RT	A		4	T1F CL	656.49		653.75	651.21	
423	563+24.13	28.3 RT		A	4	T20 F&G	656.18	651.76			
424	562+49.13	29.5 RT		A	4	T20 F&G	656.39		651.97	651.97	
425	561+74.13	30.7 RT		A	4	T20 F&G	656.62	651.75	651.75		
51	NOT USED										
52	128+95.17	40.0 LT		A	4	T20 F&G	688.96			684.54	
53	128+94.66	3.5 RT	A		5	T1F CL	690.18	684.15	680.47	684.27	
54	NOT USED										
55	129+80.17	41.6 LT		A	4	T20 F&G	688.46		684.04		
56	130+65.18	43.5 LT		A	4	T20 F&G	688.07			683.22	683.22
57	130+64.63	3.5 RT	A		5	T1F CL	689.55	682.79	679.17	683.10	680.18
58	131+50.19	45.3 LT		A	4	T20 F&G	687.67		683.25		
59	132+35.19	47.2 LT		A	4	T20 F&G	687.25			682.44	682.44
510	132+50.00	65.7 RT	FES (5)		24	GRATE	N/A	683.96			
511	132+34.61	2.0 RT	A		7	T1F CL	688.81	682.00	679.39	682.39	679.89
512	133+55.19	50.2 LT		A	4	T20 F&G	686.27		681.69		
513	134+35.21	51.7 LT		A	4	T20 F&G	685.35			680.93	680.93
514	NOT USED										
515	134+34.58	4.0 RT			8	T1F CL	687.31	680.41	677.10	680.96	679.11
516	134+46.91	78.8 LT	FES (5)		36 EQ	GRATE	N/A		680.37		
517	135+34.09	79.1 LT	FES (5)		36 EQ	GRATE	N/A				679.93
518	135+47.19	52.0 LT		A	4	T20 F&G	684.17		679.56		
519	136+45.06	52.0 LT		A	4	T20 F&G	683.04			678.62	678.62
520	NOT USED										
521	136+45.03	6.0 RT	A		7	T1F CL	684.75	678.08	674.81	678.48	676.81
522	137+57.19	52.0 LT		A	4	T20 F&G	681.74		676.74		
523	138+75.03	52.0 LT		A	4	T20 F&G	680.02			675.60	675.60
524	NOT USED										
525	138+75.03	7.0 RT	DROP		8	T1F CL	681.43	675.06	670.50	675.18	674.50
526	140+02.19	52.0 LT		A	4	T20 F&G	677.92		672.65		
527	141+27.19	52.0 LT		A	4	T20 F&G	675.86			671.44	671.44
528	NOT USED										
529	141+15.03	7.0 RT	A		8	T1F CL	677.47	670.88	665.75	671.22	667.75
530	141+98.18	71.0 RT	FES (5)		18	GRATE	N/A	672.97			

PIPE NUMBER	UPSTREAM STATION	DOWNSTREAM STATION	TYPE	DIA. (IN)	LENGTH (FT)	SLOPE (%)	T.B. (CU.YD)
42	461+92.54	462+92.02	1	36	93	0.25	26.5
43	462+92.27	462+92.02	2	12	21	1.00	5.0
44	462+92.02	463+81.41	1	36	83	0.25	20.3
45	463+82.27	463+81.41	2	12	20	1.00	4.3
46	463+81.41	464+73.58	1	42	88	0.34	18.8
47	464+72.01	464+73.58	2	12	14	1.00	2.7
48	464+73.58	466+58.60	1	42	180	0.11	38.9
49	465+57.36	465+57.42	2	12	16	1.00	2.1
410	466+58.60	467+22.22	1	38x60	59	0.15	30.5
411	NOT USED	-					
412	466+58.60	466+58.60	2	12	14	1.00	2.7
413	NOT USED	-					
414	467+22.22	467+35.81	1	38x60	20	0.15	
415	467+35.81	467+44.81	1	48	32	0.15	
416	462+92.02	562+94.76	2	12	25	1.00	
417	466+00.89	465+98.25	3	36	86	0.49	
418	465+86.28	465+86.27	2	12	4	1.00	
419	564+84.13	465+86.28	2	12	82	1.00	21.1
420	563+99.13	564+84.13	2	12	81	1.00	15.7
421	466+47.57	466+58.60	2	15	23	0.50	5.4
422	562+94.76	466+47.57	2	38x60	333	0.17	85.9
423	563+24.13	562+49.13	2	12	71	1.00	12.3
424	562+49.13	462+92.02	2	12	37	1.00	9.5
425	561+74.13	461+92.54	2	12	33	1.00	9.9
51	NOT USED	-					
52	128+95.17	128+94.66	2	12	39	1.00	10.0
53	128+94.66	130+64.63	2	30	165	0.17	
54	NOT USED	-					
55	129+80.17	130+65.18	2	12	82	1.00	15.9
56	130+65.18	130+64.63	2	12	43	1.00	13.8
57	130+64.63	132+34.61	2	30	164	0.17	
58	131+50.19	132+35.19	2	12	81	1.00	15.7
59	132+35.19	132+34.61	2	12	44	1.00	14.1
510	132+50.00	132+50.00	2	24	64	1.00	44.5
511	132+34.61	134+34.58	2	36	193	0.14	
512	133+55.19	134+35.21	2	12	76	1.00	14.7
513	134+35.21	134+34.58	2	12	52	1.00	15.5
514	NOT USED	-					
515	134+34.58	136+45.03	2	36	203	0.14	
516	134+46.91	135+34.09	1	29x45	88	0.50	
517	NOT USED	-					
518	135+47.19	136+45.06	2	12	94	1.00	18.2
519	136+45.06	136+45.03	2	12	54	1.00	16.1
520	NOT USED	-					
521	136+45.03	138+75.03	2	36	223	0.14	
522	137+57.19	138+75.03	2	12	114	1.00	24.5
523	138+75.03	138+75.03	2	12	54	1.00	15.0
524	NOT USED	-					
525	138+75.03	141+15.03	2	42	233	0.11	
526	140+02.19	141+27.19	2	12	121	1.00	25.8
527	141+27.19	141+15.03	2	12	56	1.00	16.7
528	NOT USED	-					
529	141+15.03	142+52.44	2	42	130	0.11	
530	141+98.18	142+52.44	2	18	85	1.00	8.8

SEE "DRAINAGE GENERAL NOTES" FOR DRAINAGE SCHEDULE NOTES.

<b>REVISIONS</b> NAME      DATE      		INTERSECTION IMPROVEMENT WASHINGTON STREET - 75th STREET  <b>DRAINAGE SCHEDULE</b> SHEET 4 OF 7		City of  <b>Naperville</b>
DRAWING: _____ CHECKED: _____ APPROVED: _____ DATE: APRIL 11, 2008 SCALE: NONE JOB NO: P-91-494-00		CONSULTANT <b>TYLIN INTERNATIONAL</b>		SHEET NO. _____ PROJECT NO: M-CMM-7003 (985)

### DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NUMBER	STATION	OFFSET	STRUCTURE TYPE		DIA. (FT)	FRAME & LID	TOP OF FRAME	N INV.	E INV.	S INV.	W INV.
			MH/FES/SHW	CB							
531	142+30.47	52.0 RT		A	4	T20 F&G	674.15		668.94		
532	141+15.47	52.0 RT		A	4	T20 F&G	676.05	671.63			671.63
533	139+95.47	52.0 RT		A	4	T20 F&G	678.03		672.79		
534	138+75.47	52.0 RT		A	4	T20 F&G	680.01	675.59			675.59
535	137+55.47	52.0 RT		A	4	T20 F&G	681.84		674.43		
536	136+45.47	52.0 RT		A	4	T20 F&G	683.32	678.90			678.90
537	135+45.47	52.0 RT		A	4	T20 F&G	684.64		679.86		
538	134+35.01	51.7 RT		A	4	T20 F&G	685.85	681.39			681.39
539	133+55.00	51.2 RT		A	4	T20 F&G	686.57		682.15		
540	132+35.01	47.2 RT		A	4	T20 F&G	687.43	682.80			682.80
541	131+50.01	45.3 RT		A	4	T20 F&G	688.03		683.61		
542	130+65.01	43.4 RT		A	4	T20 F&G	688.36	683.46			683.46
543	129+80.01	41.6 RT		A	4	T20 F&G	688.69		684.27		
544	128+95.01	40.0 RT		A	4	T20 F&G	689.01	684.59			
61	142+52.19	52.0 LT		A	4	T20 F&G	673.80			669.38	
62	142+52.44	0.6 LT	A		8	T1F CL	675.31	668.91	665.63	672.12	665.63
63	143+44.56	72.0 LT		INL	2	T8 F&G	670.43			666.01	
64	143+45.07	5.7 LT	DROP		7	T1F CL	673.70	665.42	659.58	667.30	665.55
65	143+72.19	52.0 LT		A	4	T20 F&G	671.82			667.40	
66	144+92.19	52.0 LT		A	4	T20 F&G	669.83			665.41	
67	144+92.56	1.9 LT	A		7	T1F CL	670.70	664.96	657.29		659.44
68	145+50.00	7.0 LT		A	4	T20 F&G	669.66			665.24	
69	145+60.01	0.00 RT	A(12)		8	T1F CL	669.59	665.17	657.21	663.46	657.22
610	146+12.19	52.0 LT		C	2	T20 F&G	667.85		662.38		
611	147+05.00	52.0 LT		C	2	T20 F&G	666.67		663.34		663.34
612	147+12.53	0.00 RT	A(12)		4	T1F CL	667.46	657.07	662.61	658.28	657.07
613	147+24.99	7.0 LT		A	4	T20 F&G	667.13				662.71
614	147+80.47	0.00 RT	A		8	T1F CL	666.81	657.02	660.87	657.02	663.26
615	148+05.08	87.0 LT		A	4	T20 F&G	664.60	660.72		660.72	
616	148+42.70	80.2 LT		A	4	T20 F&G	665.64	661.22			
617	147+70.34	54.5 LT		A	4	T20 F&G	665.81				661.39
618	148+94.64	118.5 LT		A	4	T20 F&G	666.38	661.96			
619	149+15.57	143.4 LT	DROP		9	T1F CL	665.72	647.60	654.38	654.38	
620	148+91.58	133.7 LT	A(1)		8	T1F CL	666.41	654.40		654.40	
621	150+15.67	182.5 LT	ES(15)		48X76	GRATE	N/A			647.50	
622	151+97.00	90.0 LT	FES (5)		48 EQ	GRATE	N/A		652.26		
623	152+54.83	58.0 LT	A		6	T1F CL	663.20	652.49	652.49	652.49	
624	152+54.83	46.0 LT	A		5	T1F CL	663.50	652.57	652.57		
625	154+30.35	46.0 LT	A		4	T1F CL	662.50	657.74			652.91
626	154+30.35	59.0 LT	A		5	T1F CL	662.18		653.00	657.83	653.00
627	155+27.30	89.4 LT	FES (5)		48 EQ	GRATE	N/A				655.52
628	156+18.52	60.8 LT	A		5	T1F CL	661.60		654.22	656.85	653.56
629	146+99.92	86.3 RT	FES (5)		18	GRATE	N/A	663.32			
630	155+88.09	76.9 RT	FES (5)		18	GRATE	N/A				657.70
631	155+20.27	80.5 RT	FES (5)		18	GRATE	N/A		656.67		
632	153+67.68	7.6 RT	A		5	T1F CL	664.02	659.15	653.71	653.71	
633	153+68.02	72.1 RT	A		5	T1F CL	660.30	653.77	656.15		653.77
634	NOT USED										
635	NOT USED										
636	153+00.00	81.0 RT	A(1)		6	T1F CL	657.69		653.09		653.09
637	152+38.14	93.7 RT	FES (5)		24	GRATE	652.50		652.82		
638	147+80.47	64.0 RT		A	4	T20 F&G	665.64		659.54		659.54
639	147+05.00	64.0 RT		A	4	T20 F&G	666.05		661.63		661.63
640	146+50.47	64.0 RT		A	4	T20 F&G	666.94		662.14		

### STORM SEWER AND CULVERT SCHEDULE

PIPE NUMBER	UPSTREAM STATION	DOWNSTREAM STATION	TYPE	DIA. (IN)	LENGTH (FT)	SLOPE (%)	T.B. (CU.YD)
531	142+30.47	143+45.47	2	12	111	1.00	8.8
532	141+15.47	141+15.03	2	12	41	1.00	32.2
533	139+95.47	141+15.47	2	12	116	1.00	8.8
534	138+75.47	138+75.03	2	12	41	1.00	32.2
535	137+55.47	138+75.47	2	12	116	1.00	14.3
536	136+45.47	136+45.03	2	12	42	1.00	26.7
537	135+45.47	136+45.47	2	12	96	1.00	8.3
538	134+35.01	134+34.58	2	12	43	1.00	21.1
539	133+55.00	134+35.01	2	12	76	1.00	7.1
540	132+35.01	132+34.61	2	12	41	1.00	24.2
541	131+50.01	132+35.01	2	12	81	1.00	7.0
542	130+65.01	130+64.63	2	12	36	1.00	24.2
543	129+80.01	130+65.01	2	12	81	1.00	6.2
544	128+95.01	128+94.66	2	12	32	1.00	12.1
61	142+52.19	142+52.44	2	12	47	1.00	13.1
62	142+52.44	143+45.07	2	42	86	0.11	95.1
63	143+44.56	143+45.07	2	12	61	1.00	19.2
64	143+45.07	144+92.56	2	60	141	0.10	416.0
65	143+72.19	143+70.99	2	12	45	1.00	45.8
66	144+92.19	144+92.56	2	12	45	1.00	10.6
67	144+92.56	145+60.01	2	60	60	0.10	136.8
68	145+50.00	145+60.01	2	12	7	1.00	1.2
69	145+60.01	147+12.53	2	60	146	0.10	288.6
610	146+12.19	147+05.00	2	12	96	1.00	16.6
611	147+05.00	147+80.47	2	12	8	1.00	1.1
612	147+12.53	147+80.47	2	60	54	0.10	99.5
613	147+24.99	147+12.53	2	12	10	1.00	1.9
614	147+80.47	149+15.57	2	60	188	0.10	179.6
615	148+05.08	148+00.95	2	12	9	1.00	1.2
616	148+42.70	148+05.08	2	12	38	1.00	5.8
617	147+70.34	147+45.00	2	12	22	1.00	4.7
618	148+94.64	148+91.58	2	12	14	1.00	2.7
619	149+15.57	150+15.67	3	48x76	100	0.10	236.4
620	148+91.58	149+15.57	3	60	20	0.10	
621	NOT USED	-					
622	152+46.32	152+24.81	2	24	26	0.30	34.7
623	152+54.83	152+54.83	2	12	8	0.30	10.4
624	154+30.35	152+54.83	2	48	172	1.00	250.8
625	154+30.35	152+54.83	2	12	9	1.00	7.1
626	154+30.35	152+54.83	2	24	171	0.30	221.3
627	155+27.30	151+97.00	1	38x60	330	1.00	
628	156+18.52	154+30.35	2	24	184	0.30	185.7
629	146+99.92	147+13.00	2	24	22	1.00	
630	155+88.09	155+20.27	1	24	68	1.53	
631	NOT USED	-					
632	153+67.68	153+68.02	2	24	60	1.00	72.7
633	153+68.02	153+00.00	2	24	69	1.00	
634	NOT USED	-					
635	NOT USED	-					
636	153+00.00	152+38.14	2	24	61	1.00	
637	NOT USED	-					
638	147+80.47	147+13.00	2	12	64	1.00	
639	147+05.00	147+13.00	2	12	4	1.00	0.8
640	146+50.47	147+05.00	2	12	51	1.00	9.9


SEE "DRAINAGE GENERAL NOTES" FOR DRAINAGE SCHEDULE NOTES.

REVISIONS	
NAME	DATE

INTERSECTION IMPROVEMENT  
WASHINGTON STREET - 75th STREET

**DRAINAGE SCHEDULE**  
SHEET 5 OF 7

CONSULTANT  
**TYLIN INTERNATIONAL**

City of  **Naperville**

DRAWN:	SHEET NO.
CHECKED:	
APPROVED:	
DATE: APRIL 11, 2008	
SCALE: NONE	
JOB NO.: P-91-494-00	PROJECT NO.: M-CMM-7003 (985)



DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NUMBER	STATION	OFFSET	STRUCTURE TYPE		DIA. (FT)	FRAME & LID	TOP OF FRAME	N INV.	E INV.	S INV.	W INV.
			MH/FES/SHW	CB							
641	145+60.47	62.4 RT		A	4	T20 F&G	668.45	664.03			664.03
642	144+68.00	56.7 RT		A	4	T20 F&G	670.12		664.92		
643	143+45.47	52.0 RT		A	4	T20 F&G	672.25	667.83			667.83
644	147+13.00	64.0 RT	A		5	T1F CL	666.20	658.90	658.90	663.10	661.59
645	148+38.00	64.0 RT		A	4	T20 F&G	665.32		660.08		660.08
646	148+84.79	74.1 RT		A	4	T20 F&G	664.94				660.52
647	147+45.00	52.0 LT		A	4	T20 F&G	666.24		661.17		661.17
648	149+57.72	84.9 LT		A	4	T20 F&G	665.40		659.29		659.29
649	150+27.53	64.0 LT		A	4	T20 F&G	664.40				659.98
650	153+39.88	52.0 RT		A	4	T20 F&G	662.75			658.33	
651	154+49.98	52.0 RT		A	4	T20 F&G	662.13		656.96		656.96
652	154+99.98	52.0 RT		A	4	T20 F&G	661.84				657.42
653	156+06.06	8.9 RT	A		6	T1F CL	662.79		656.05	656.38	656.05
654	156+06.06	52.2 RT		A	4	T20 F&G	661.39	656.78	656.83		656.78
655	155+92.06	56.1 RT		A	4	T20 F&G	661.31		656.89		
656	156+27.76	51.6 RT		A	4	T20 F&G	661.43				657.01
657	155+94.67	53.5 LT		A	4	T20 F&G	661.48		657.06		
658	156+06.67	52.7 LT		A	4	T20 F&G	661.49		656.98		656.98
659	156+18.52	52.0 LT		A	4	T20 F&G	663.01	656.90			656.90
660	149+31.24	169.3 LT		C	2	T8F&G	650.96		648.05	648.05	
661	153+67.65	0.5 RT		A	4	T20 F&G	663.60				659.18
662	153+00.12	64.0 LT		A	4	T20 F&G	662.79			658.37	
663	153+75.12	64.0 LT		A	4	T20 F&G	662.37			657.95	
664	154+50.12	62.4 LT		A	4	T20 F&G	661.98			657.56	
665	152+46.32	66.5 LT	A(1)		6	T1F CL	663.04			652.47	
666	149+30.78	169.1 LT		TD	14		650.96				
667	147+84.99	110.9 LT		TD	14		651.34	648.60			
71	157+55.18	52.0 LT		A	4	T20 F&G	662.62	658.20			
72	157+55.18	61.1 LT	A		4	T1F CL	662.70	655.28	658.13	655.28	
73	158+95.21	52.0 LT		A	4	T20 F&G	665.71	661.29			
74	158+94.84	61.2 LT	A		4	T1F CL	665.80	656.60	661.23	656.35	
75	NOT USED										
76	NOT USED										
77	160+70.79	44.6 LT		A	4	T20 F&G	670.96	666.54			
78	160+71.25	55.2 LT	A		4	T1F CL	671.10		660.29	666.47	660.04
79	NOT USED										
710	NOT USED										
711	162+13.05	50.6 LT	A		4	T1F CL	675.10		671.45		663.05
712	162+70.46	40.0 LT		A	4	T20 F&G	676.42				672.00
713	NOT USED										
714	NOT USED										
715	NOT USED										
716	162+41.57	68.7 RT	FES (5)		18	GRATE	N/A				672.12
717	162+02.54	69.0 RT	FES (5)		18	GRATE	N/A		671.37		
718	NOT USED										
719	160+54.88	7.5 RT	A		5	T1F CL	671.81			665.91	659.31
720	160+54.86	41.9 RT		A	4	T20 F&G	670.63	666.21			
721	160+99.67	68.2 RT	FES (5)		18	GRATE	N/A				667.75
722	160+63.67	69.1 RT	FES (5)		18	GRATE	N/A		666.70		
723	159+50.00	71.3 RT	FES (5)		18	GRATE	N/A				662.84
724	159+13.80	71.1 RT	FES (5)		18	GRATE	N/A		662.05		
725	NOT USED										
726	158+54.96	7.2 RT	A		8	T1F CL	665.96	658.31	657.76	659.95	657.76
727	158+55.32	46.4 RT		A	4	T20 F&G	664.71	660.29			

STORM SEWER AND CULVERT SCHEDULE

PIPE NUMBER	UPSTREAM STATION	DOWNSTREAM STATION	TYPE	DIA. (IN)	LENGTH (FT)	SLOPE (%)	T.B. (CU.YD)
641	145+60.47	145+60.01	2	12	57	1.00	14.6
642	144+68.00	145+60.47	2	12	89	1.00	19.1
643	143+45.47	143+45.07	2	12	53	1.00	14.7
644	147+13.00	147+12.53	2	15	62	1.00	54.7
645	148+38.00	147+80.47	2	12	54	1.00	13.9
646	148+84.79	148+38.00	2	12	44	1.00	8.5
647	147+45.00	147+80.47	2	12	30	1.00	9.0
648	149+57.72	149+15.57	2	12	67	1.00	44.5
649	150+27.53	149+57.72	2	12	69	1.00	14.8
650	153+39.88		2	12	35	1.00	2.5
651	154+49.98	153+68.02	2	12	81	1.00	17.9
652	154+99.98	154+49.98	2	12	46	1.00	9.9
653	156+06.06	153+67.68	2	18	234	0.50	
654	156+06.06	156+06.06	2	15	40	1.00	12.2
655	155+92.06	156+06.06	2	15	11	1.00	2.1
656	156+27.76	156+06.06	2	15	18	1.00	3.1
657	155+94.67	156+06.67	2	15	8	1.00	1.4
658	156+06.67	156+18.52	2	15	8	1.00	2.2
659	156+18.52	156+18.52	2	15	5	1.00	1.4
660	149+31.24	148+91.58	2	15	10	1.00	
661	153+67.65	153+67.68	2	12	3	1.00	0.6
662	153+00.12	152+94.33	2	12	7	1.00	4.9
663	153+75.12	153+69.75	2	12	6	1.00	3.8
664	154+50.12	154+46.89	2	12	3	1.00	1.1
665	152+54.83	152+46.32	2	24	10	1.00	
666	147+84.99	149+31.24	2	12	158	1.00	
667	NOT USED	-					
71	157+55.18	157+55.18	2	12	5	1.00	0.3
72	157+55.18	156+18.52	2	18	133	0.80	
73	158+95.21	158+94.84	2	12	6	1.00	0.3
74	158+94.84	157+55.18	2	18	136	0.80	
75	NOT USED	-					
76	NOT USED	-					
77	160+70.79	160+71.25	2	12	7	1.00	0.3
78	160+71.25	158+94.84	3	15	172	2.00	
79	NOT USED	-					
710	NOT USED	-					
711	162+13.05	160+71.25	3	15	138	2.00	
712	162+70.46	162+13.05	2	12	55	1.00	1.2
713	NOT USED	-					
714	NOT USED	-					
715	NOT USED	-					
716	162+41.57	162+02.54	1	18	40	1.92	
717	NOT USED	-					
718	NOT USED	-					
719	160+54.88	158+54.96	2	15	194	0.80	
720	160+54.86	160+54.88	2	12	30	1.00	
721	160+99.67	160+63.67	1	18	36	2.92	
722	NOT USED	-					
723	159+50.00	159+13.80	1	18	37	2.15	
724	NOT USED	-					
725	NOT USED	-					
726	158+54.96	156+79.80	2	18	170	0.80	
727	158+55.32	158+54.96	2	12	34	1.00	8.7

SEE "DRAINAGE GENERAL NOTES" FOR DRAINAGE SCHEDULE NOTES.


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00114-00-PV	DUPAGE	563	140
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 63024				

REVISIONS	
NAME	DATE

INTERSECTION IMPROVEMENT  
WASHINGTON STREET - 75th STREET

DRAINAGE SCHEDULE  
SHEET 6 OF 7

CONSULTANT  
**TYLIN INTERNATIONAL**

City of  **Naperville**

DRAWN	SHEET NO.
CHECKED	
APPROVED	
DATE: APRIL 11, 2008	
SCALE: NONE	
JOB NO: P-91-494-00	PROJECT NO: M-CMM-7003 (985)

### DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NUMBER	STATION	OFFSET	STRUCTURE TYPE		DIA. (FT)	FRAME & LID	TOP OF FRAME	N INV.	E INV.	S INV.	W INV.
			MH/FES/SHW	CB							
728	158+04.59	8.8 LT	A		4	T1F CL	664.87		657.84		656.75
729	NOT USED										
730	156+79.60	7.3 LT	A		4	T1F CL	663.19		656.51	656.51	
731	156+79.80	8.6 RT	A		4	T1F CL	663.10	656.40	656.40	656.92	656.40
732	156+80.35	50.2 RT		A	4	T20 F&G	661.72	657.30	657.30		
733	157+67.61	48.7 RT					662.82				658.14
734	156+86.56	52.0 LT		A	4	T20 F&G	661.83	657.41			
735	NOT USED										

### STORM SEWER AND CULVERT SCHEDULE

PIPE NUMBER	UPSTREAM STATION	DOWNSTREAM STATION	TYPE	DIA. (IN)	LENGTH (FT)	SLOPE (%)	T.B. (CU.YD)
728	158+04.59	156+79.60	2	48	121	1.00	
729	NOT USED	-					
730	156+79.60	156+79.80	2	12	13	1.00	
731	156+79.80	156+06.06	2	18	70	0.50	
732	156+80.35	156+79.80	2	12	38	1.00	10.6
733	157+67.61	156+80.35	2	12	84	1.00	16.3
734	156+86.56	156+86.54	2	12	7	1.00	0.5
735	158+54.96	158+04.59	2	12	47	1.00	

SEE "DRAINAGE GENERAL NOTES" FOR DRAINAGE SCHEDULE NOTES.

### PIPE UNDERDRAIN SCHEDULE

PIPE	OUTLET STRUCTURE	LENGTH	ORIENTATION
U1	218	25	TRANSVERSE
U2	219	25	TRANSVERSE
U3	257	43	TRANSVERSE
U4	256	43	TRANSVERSE
U5	255	44	TRANSVERSE
U6	251	98	LONGITUDINAL
U7	250	103	LONGITUDINAL
U8	249	193	LONGITUDINAL
U9	234	98	LONGITUDINAL
U10	236	96	LONGITUDINAL
U11	242	92	TRANSVERSE *
U12	246	36	TRANSVERSE
U13	247	40	TRANSVERSE
U14	646	41	LONGITUDINAL
U15	348	57	LONGITUDINAL
U16	347	58	LONGITUDINAL
U17	343	197	LONGITUDINAL
U18	345	33	LONGITUDINAL
U19	344	43	LONGITUDINAL
U20	342	72	LONGITUDINAL
U21	343	121	LONGITUDINAL
U22	340	37	TRANSVERSE
U23	330	41	TRANSVERSE
U24	41	77	LONGITUDINAL
U25	425	72	LONGITUDINAL
U26	424	77	LONGITUDINAL
U27	43	102	LONGITUDINAL
U28	45	92	LONGITUDINAL
U29	47	91	LONGITUDINAL
U30	423	76	LONGITUDINAL
U31	420	76	LONGITUDINAL
U32	419	86	LONGITUDINAL
U33	412	28	TRANSVERSE
U34	**	27	TRANSVERSE
U35	541	4	TRANSVERSE
U36	58	4	TRANSVERSE
U37	657	41	TRANSVERSE
U38	658	40	TRANSVERSE
U39	659	39	TRANSVERSE
U40	655	42	TRANSVERSE
U41	654	40	TRANSVERSE
U42	656	39	TRANSVERSE
U43	319	33	LONGITUDINAL

**NOTE:**

FOR CONNECTION TO STRUCTURE, ALL PIPE UNDERDRAIN LENGTHS SHOWN INCLUDE 3' OF PIPE UNDERDRAIN 6" (SPECIAL). CONNECTION (CORE DRILL) IS INCLUDED IN THE COST OF PIPE UNDERDRAIN 6" (SPECIAL).

FOR CLARITY, PIPE UNDERDRAINS ARE SHOWN OFFSET FROM THEIR PROPOSED LOCATIONS. FOR DETAILED PLACEMENT, SEE PROPOSED TYPICAL SECTIONS.

\* INDICATES TRANSVERSE ACROSS HOBSON

\*\* EXISTING 4' DIA STRUCTURE 466+71.0, 26' RT

### BACKFLOW PREVENTION DEVICE SCHEDULE

OUTLET	STRUCTURE NUMBER	STATION	OFFSET	DIA. (IN)
1A	17	431+81.97	29.58 LT	19x30
2	223	441+33.13	43.8 LT	24x38
3	241	701+71.64	29.17 RT	24
4	621	150+15.67	143.4 LT	48x76
5	NO OUTLET	-	- -	-
6	416	467+44.81	66.5 LT	38x60
7	665	152+46.32	66.5 LT	24
8	637	152+38.14	0 0	24


**NOTE:**

BACKFLOW PREVENTION SHALL BE TIDEFLEX OR APPROVED EQUAL

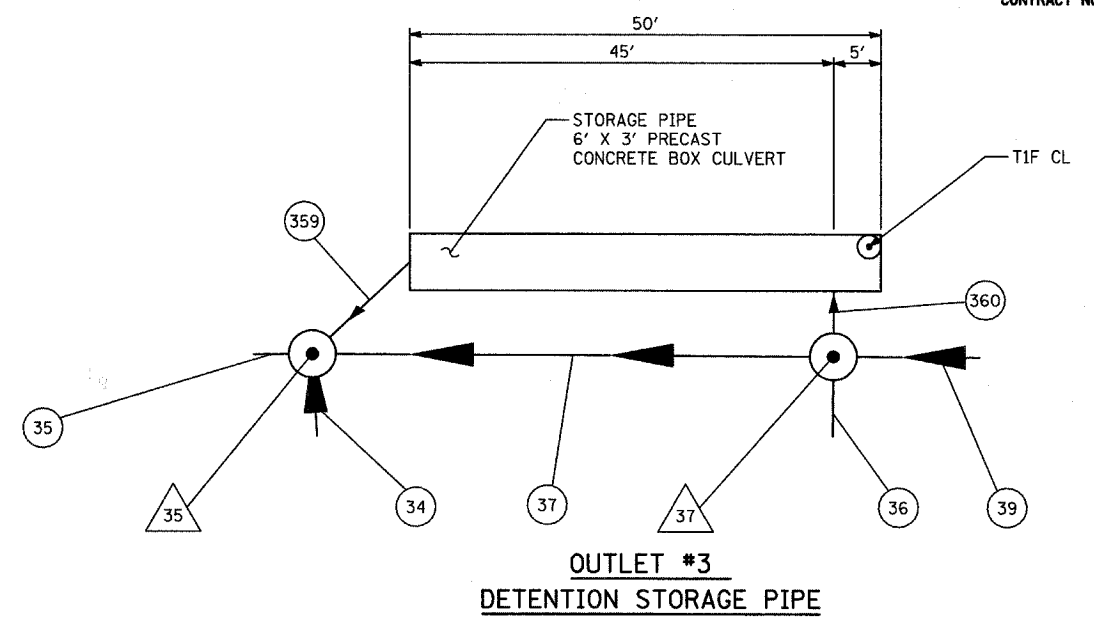
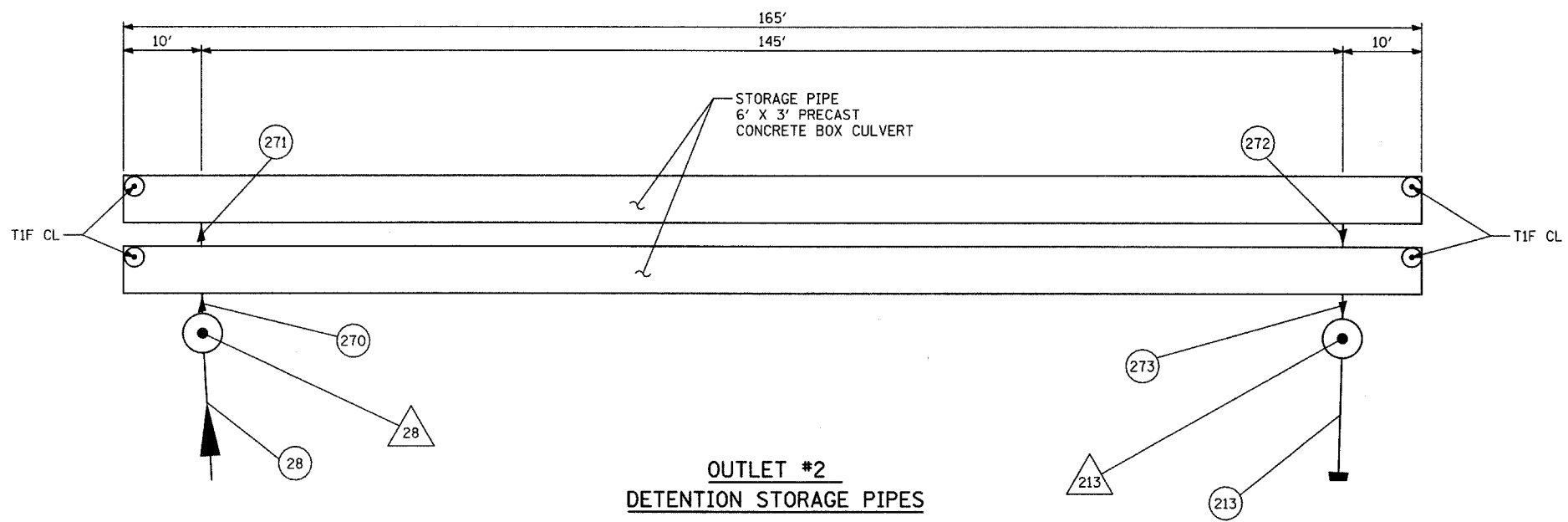
REVISIONS	
NAME	DATE

**INTERSECTION IMPROVEMENT**  
**WASHINGTON STREET - 75th STREET**  
  
**DRAINAGE SCHEDULE**  
 SHEET 7 OF 7

CONSULTANT  
**TYLIN INTERNATIONAL**

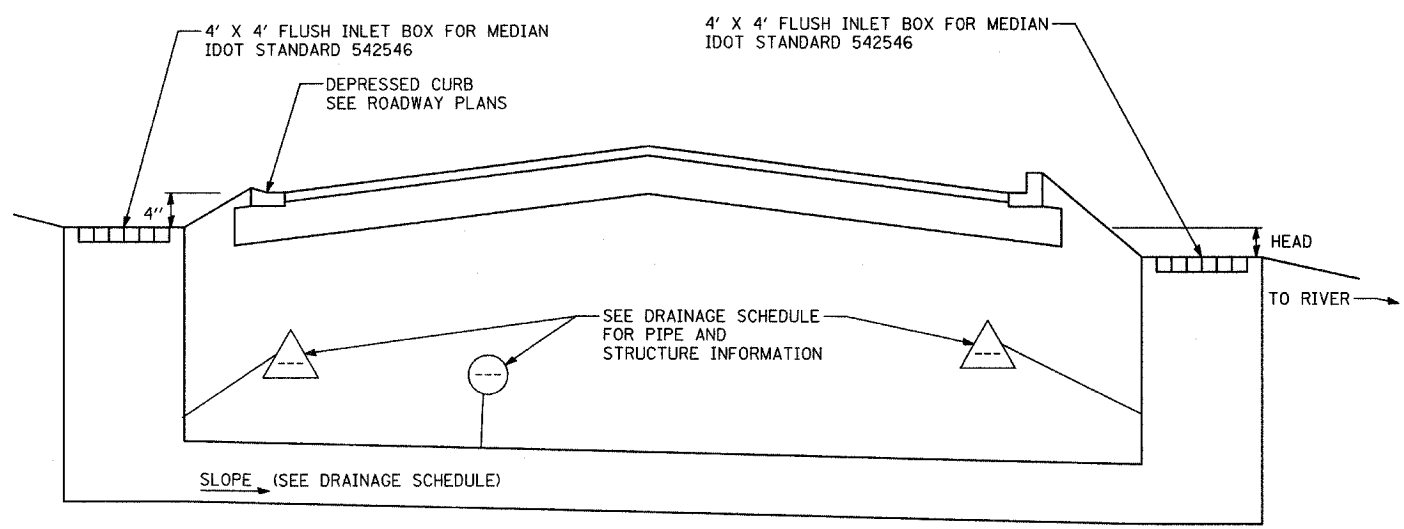
City of  **Naperville**

DRAWN: \_\_\_\_\_ SHEET NO. \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 APPROVED: \_\_\_\_\_  
 DATE: APRIL 11, 2008  
 SCALE: NONE  
 JOB NO.: P-91-494-00 PROJECT NO.: M-CMM-7003 (985)



**NOTE: DETENTION STORAGE PIPES**

THE END CAPS FOR THE STORAGE PIPES SHALL BE DESIGNED AND FURNISHED BY THE PRECAST MANUFACTURER. THIS WORK SHALL BE INCLUDED IN THE PRICE OF THE 6' X 3' PRECAST CONCRETE BOX CULVERT ITEM.



REVISIONS	
NAME	DATE

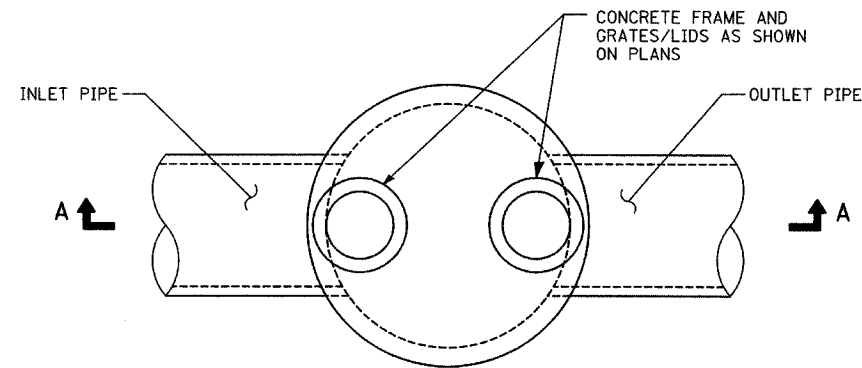
INTERSECTION IMPROVEMENT  
WASHINGTON STREET - 75th STREET

**DRAINAGE DETAILS  
BOX CULVERTS AND SIPHONS**

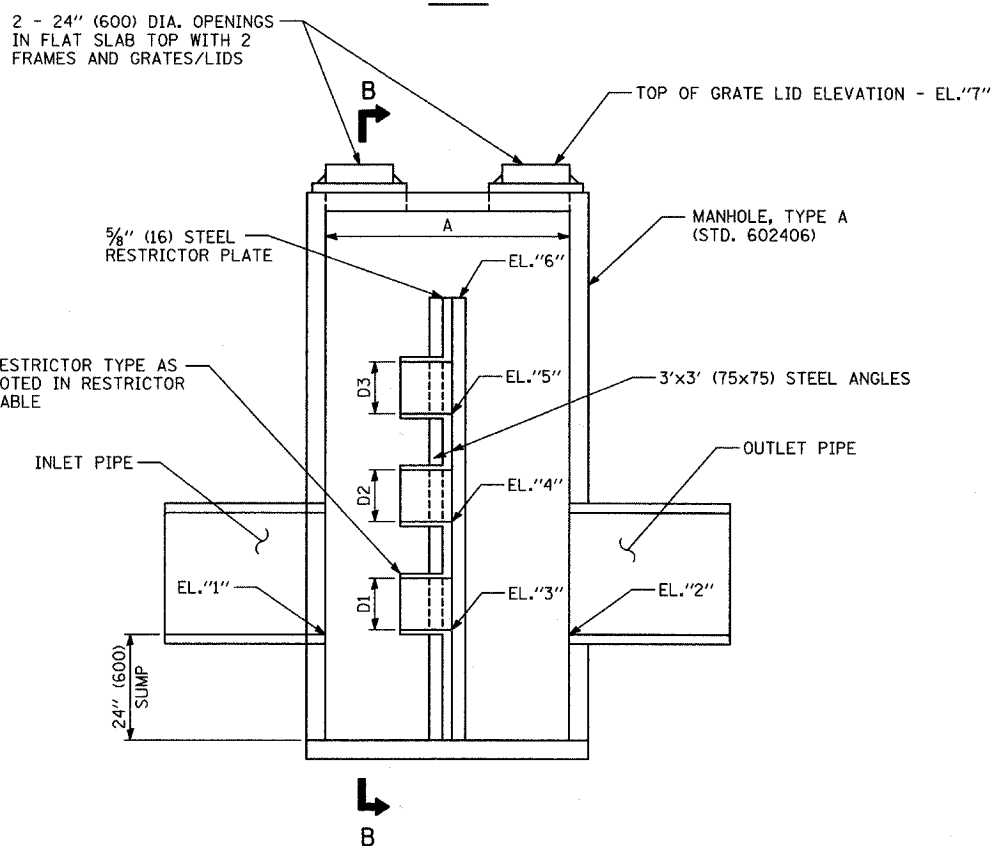
CONSULTANT  
**TYLIN INTERNATIONAL**

City of **Naperville**

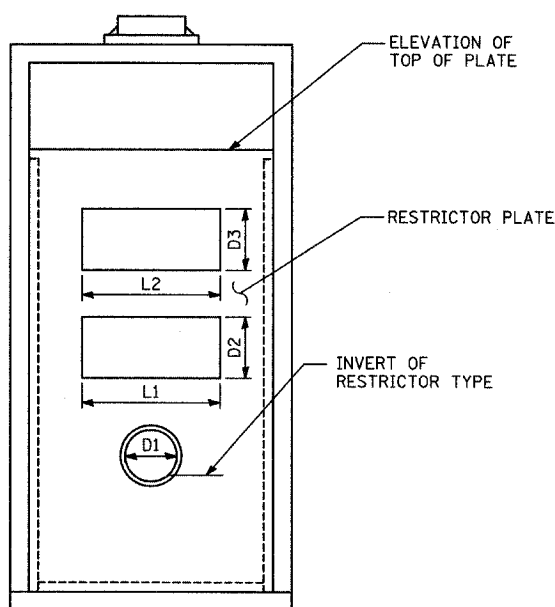
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APPROVED:	
DATE: APRIL 11, 2008	
SCALE:	
JOB NO.: P-91-494-00	PROJECT NO.: M-CMM-7003 (985)



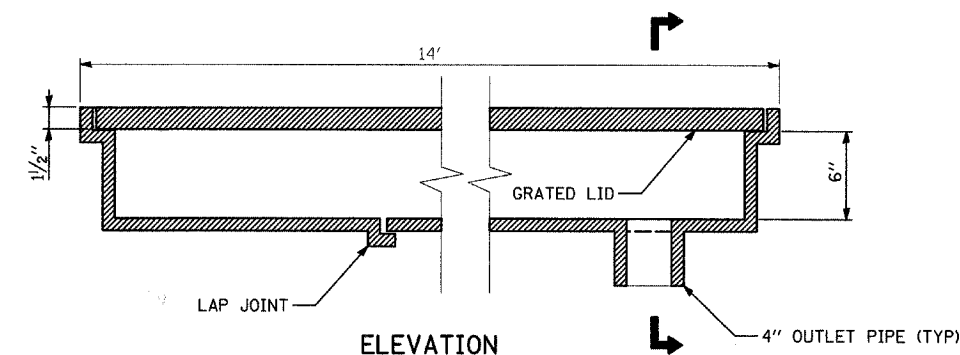
**PLAN**



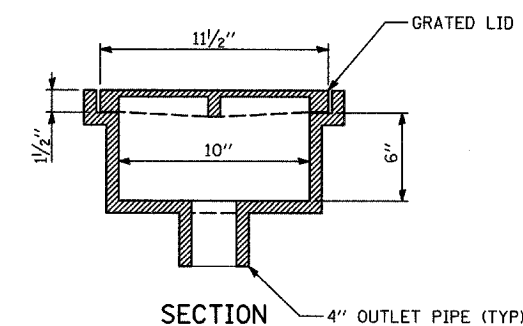
**SECTION A-A**



**SECTION B-B**



**ELEVATION**



**SECTION**


**TRENCH DRAIN NOTES:**

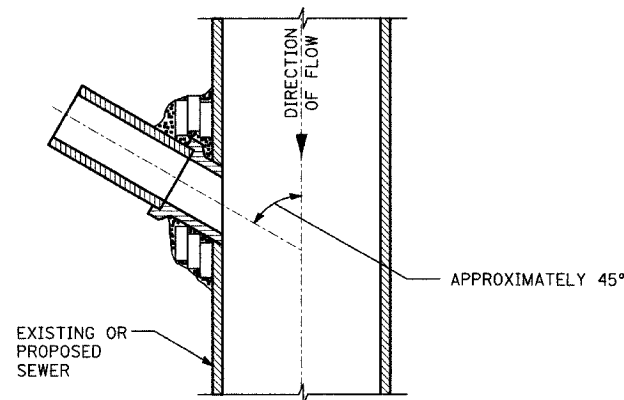
1. TRENCH DRAINS SHALL BE NEENAH FOUNRY NO. R-4996-A1 OR APPROVED EQUIVALENT.
2. TRENCH DRAIN GRATES SHALL BE NEENAH FOUNRY TYPE Q OR APPROVED EQUIVALENT APPROPRIATE FOR USE ON A PEDESTRIAN/BICYCLE FACILITY.
3. THE TRENCH DRAIN, GRATE, AND INSTALLATION SHALL BE PAID FOR AT THE CONTRACT PRICE FOR "TRENCH DRAINS".
4. TRENCH DRAINS ARE TO BE CONNECTED TO THE ADJACENT 12" STORM SEWER. ANY ADDITIONAL PIPE LENGTH, COUPLERS, OR ANY OTHER MATERIALS NECESSARY TO MAKE THE CONNECTION SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE TRENCH DRAINS.

**TRENCH DRAIN DETAIL**

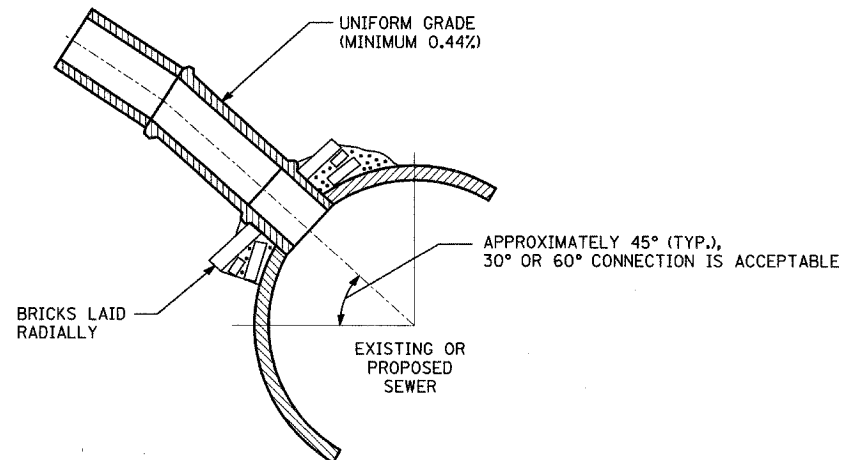
**RESTRICTOR-PLATE MANHOLE SCHEDULE**

STRUCTURE NUMBER	STATION	OFFSET	RESTRICTOR TYPE	FRAME & GRATE	DIMENSIONS						ELEVATIONS (FT)						
					A (FT)	D1 (IN)	D2 (IN)	D3 (IN)	L1 (IN)	L2 (IN)	1	2	3	4	5	6	7
16	431+74.34	32.77 LT	2	T1F CL	6	16	-	-	-	-	660.82	660.82	660.82	-	-	665.39	667.50
222	441+31.49	29.32 RT	2	T1F CL	6	13	1	5	47 <sup>7</sup> / <sub>32</sub>	55 <sup>5</sup> / <sub>16</sub>	657.02	657.02	657.02	659.66	659.96	660.94	663.00
240	701+45.76	38.07 RT	2	T1F CL	6	8	1	3	14 <sup>3</sup> / <sub>16</sub>	17	654.87	654.87	654.87	658.10	658.63	659.20	663.78
415	467+35.81	31.36 LT	2	T1F CL	8	12	1	12 <sup>7</sup> / <sub>16</sub>	68 <sup>3</sup> / <sub>16</sub>	68 <sup>3</sup> / <sub>16</sub>	649.52	649.50	649.52	654.29	654.53	655.73	656.50
620	148+91.58	133.69 LT	2	T1F CL	8	24	8 <sup>7</sup> / <sub>16</sub>	9	43 <sup>7</sup> / <sub>16</sub>	45 <sup>7</sup> / <sub>16</sub>	661.82	661.82	661.82	659.05	659.92	626.16	664.00
636	152+69.53	89.15 RT	2	T1F CL	6	8	1	1	14 <sup>3</sup> / <sub>16</sub>	25 <sup>3</sup> / <sub>16</sub>	652.19	652.19	652.19	657.81	658.33	659.93	664.00
665	152+46.32	66.50 LT	2	T1F CL	6	8	1	3	14 <sup>3</sup> / <sub>16</sub>	30 <sup>3</sup> / <sub>16</sub>	652.42	652.42	652.42	655.68	656.21	658.16	664.00

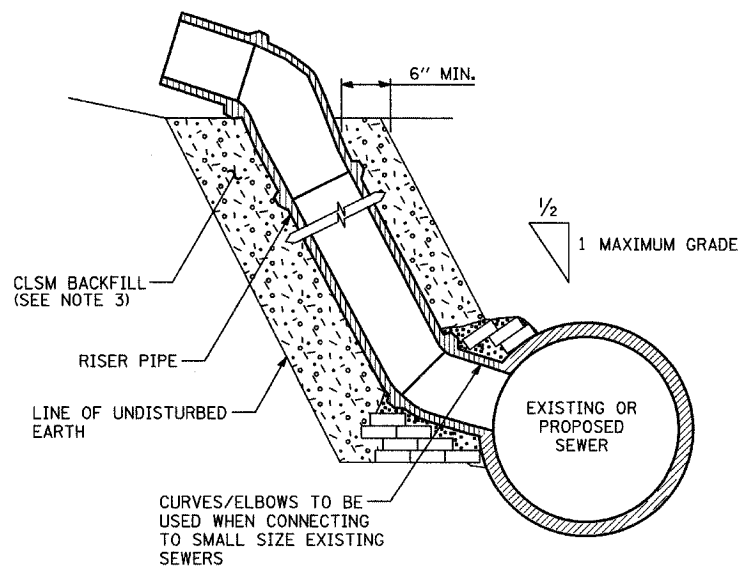
<b>REVISIONS</b> NAME      DATE		INTERSECTION IMPROVEMENT WASHINGTON STREET - 75th STREET  <b>DRAINAGE DETAILS          RESTRICTOR MANHOLES          AND TRENCH DRAINS</b>	City of
			 <b>Naperville</b>
			DRAWN: NSB
			CHECKED:
			APPROVED:
			DATE: APRIL 11, 2008
		SCALE: NONE	
		CONSULTANT	SHEET NO.
		<b>TYLIN INTERNATIONAL</b>	
		JOB NO.: P-91-494-00	PROJECT NO.: M-CMM-7003 (985)



**PLAN VIEW  
DETAIL 1**



**SECTION VIEW  
DETAIL 2**



**SECTION VIEW  
DETAIL 3**

**DETAILS OF PROPOSED STORM SEWER CONNECTIONS  
TO EXISTING/PROPOSED SEWERS**

**NOTES:**

**DESCRIPTION:**

ALL CATCH BASIN CONNECTIONS SHALL BE 12 INCH STORM SEWER PIPE, UNLESS SHOWN OR SPECIFIED OTHERWISE ON PLAN SHEETS.

**CONSTRUCTION METHODS:**

1. CONNECTION TO PROPOSED STORM SEWER: WHERE A STORM SEWER CONNECTION IS TO BE MADE TO A PROPOSED STORM SEWER, A "Y" BRANCH SECTION OR A SECTION WITH AN OPENING MADE IN THE PIPE AT THE TIME IT IS MANUFACTURED OF THE PROPER DIAMETER SHALL BE INSTALLED IN THE SEWER AT THE JUNCTION PROVIDING THE TYPE OF PIPE USED IS MANUFACTURED WITH "Y" BRANCHES OR WITH OPENING MADE IN THE PIPE.

THE JUNCTION OF THE PROPOSED STORM SEWER CONNECTION WITH THE PROPOSED STORM SEWER SHALL BE CONSTRUCTED AS FOLLOWS:

- a. SIMILAR TO DETAIL 1 AND DETAIL 2 TO THE LEFT EXCEPT NO BRICK WILL BE REQUIRED IF SECTIONS WITH "Y" BRANCHES OR SECTIONS WITH OPENINGS MADE IN THE PIPE ARE USED.
- b. SAME AS DETAIL 3 TO THE LEFT.

2. CONNECTION TO EXISTING SEWER: WHERE A STORM SEWER CONNECTION IS TO BE MADE TO AN EXISTING SEWER, A CIRCULAR OPENING SHALL BE MADE IN THE EXISTING SEWER OF THE SAME SIZE AS THE EXTERNAL DIAMETER OF THE PROPOSED STORM SEWER CONNECTION.

IF THE EXISTING SEWER PIPE IS DAMAGED BY THE CONTRACTOR IN MAKING THIS CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THIS SECTION OF PIPE WITH A PIPE EQUAL TO AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER. THE CONTRACTOR SHALL DO THIS WORK IN A CAREFUL WORKMANLIKE MANNER WITHOUT EXTRA COMPENSATION.

THE JOINT BETWEEN THE EXISTING SEWER AND THE PROPOSED SEWER SHALL BE COMPLETELY SEALED WITH BRICK AS SHOWN ABOVE. BRICK GRADE SW, OR CONCRETE BUILDING BRICK GRADE A, SHALL BE LAID IN MORTAR THE SAME AS SPECIFIED FOR BRICK MASONRY UNDER ARTICLE 602.05 OF THE STANDARD SPECIFICATIONS.

3. ALL CLSM REQUIRED SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF "STORM SEWER" OF THE TYPE AND SIZE INDICATED ON PLANS.

**BASIS OF PAYMENT:**

ALL FITTINGS SUCH AS ELBOWS AND CURVES SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER LINEAR FOOT OF ADJACENT STORM SEWER MEASURED IN PLACE.


THE COST OF MAKING ALL JUNCTIONS WITH EXISTING OR PROPOSED SEWERS, MANHOLES OR CATCH BASINS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER LINEAR FOOT FOR "STORM SEWER" OF THE TYPE AND SIZE INDICATED ON PLANS.

REVISIONS	
NAME	DATE

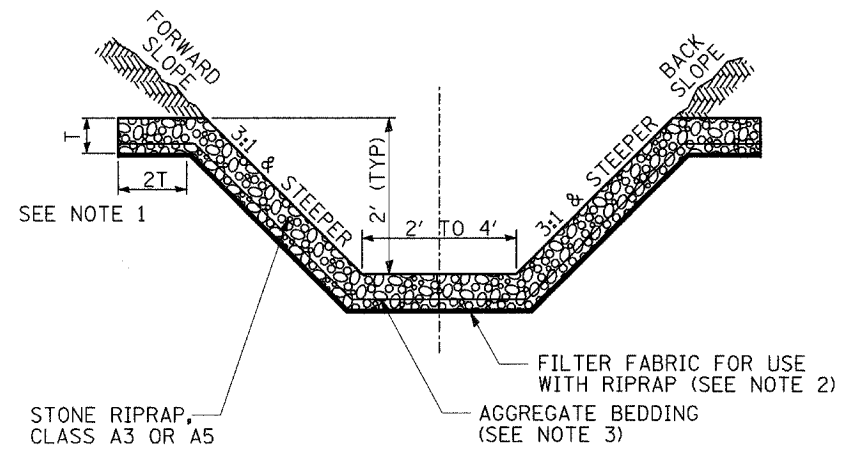
**INTERSECTION IMPROVEMENT  
WASHINGTON STREET - 75th STREET**

**DETAIL OF STORM SEWER  
CONNECTIONS TO SEWERS**

CONSULTANT  
**TYLIN INTERNATIONAL**

City of  **Naperville**

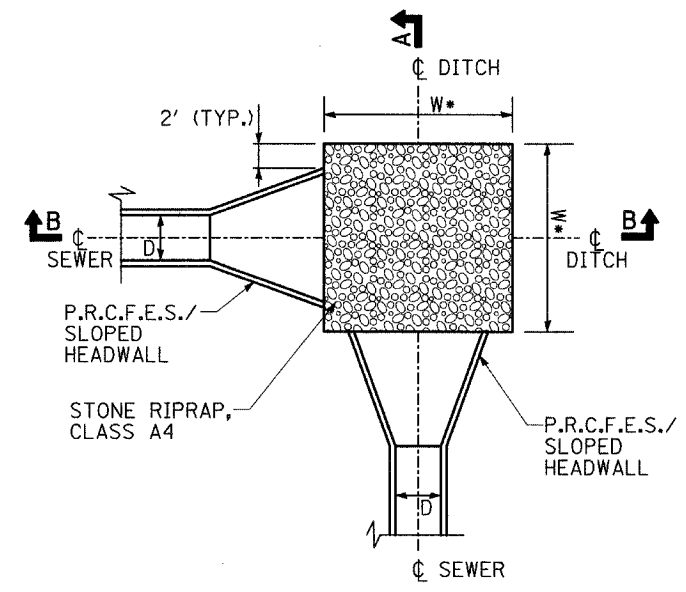
DRAWN: BK	SHEET NO.
CHECKED: DA	
APPROVED:	
DATE: APRIL 11, 2008	
SCALE: NONE	
JOB NO.: P-91-494-00	PROJECT NO.: M-CMM-7003 (985)



**TYPICAL DITCH CROSS SECTION WITH RIPRAP**

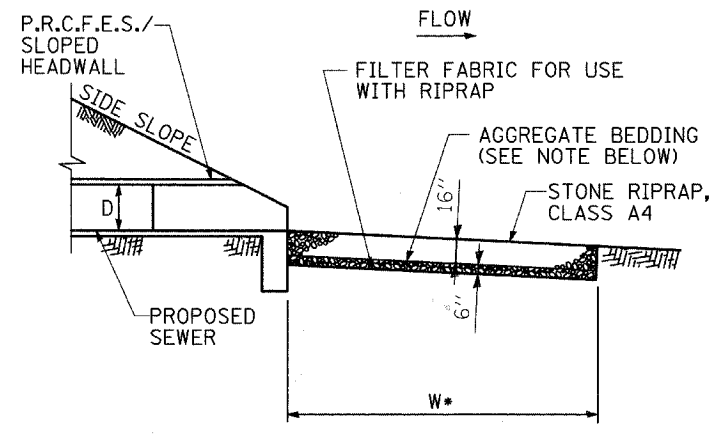
**NOTES:**

1. STONE RIPRAP, CLASS A3 SHALL HAVE A THICKNESS OF 8". STONE RIPRAP, CLASS A5 SHALL HAVE A THICKNESS OF 22".
2. FILTER FABRIC TO BE USED WITH STONE RIPRAP, CLASS A5.
3. AGGREGATE BEDDING SHALL BE USED WITH STONE RIPRAP, CLASS A5 AT A THICKNESS OF 8". BEDDING SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF "STONE RIPRAP, CLASS A5".



**PLAN**  
\*W-SEE BELOW FOR DIMENSIONS, SEE DRAINAGE SCHEDULE FOR PIPE DIAMETERS.

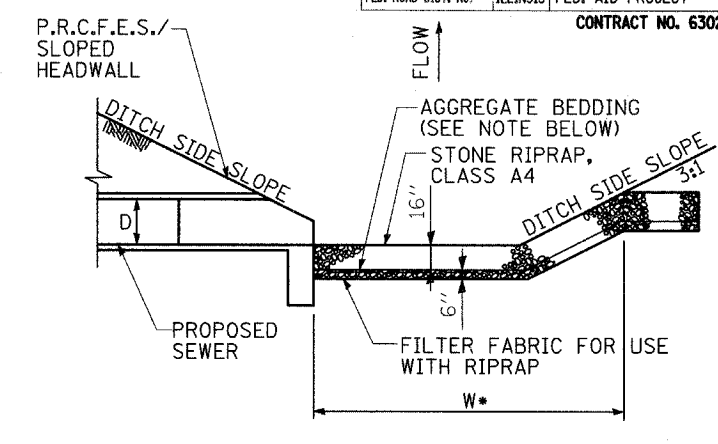
PIPE DIAM. (IN)	*RIPRAP DIMENSION (FT)	AREA (SY)
12"	7 X 7	5.5
15"	7 X 7	5.5
18"	7 X 7	5.5
36"	11 X 11	13.5
48"	7 X 50	39.0



**SECTION A-A**

OUTLET IN LINE WITH FLOW

**RIPRAP DETAILS**

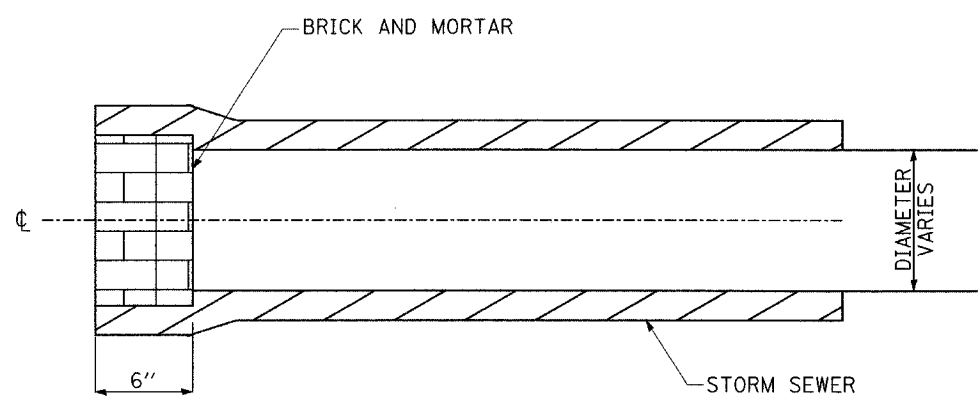


**SECTION B-B**

OUTLET PERPENDICULAR TO FLOW

**NOTES:**

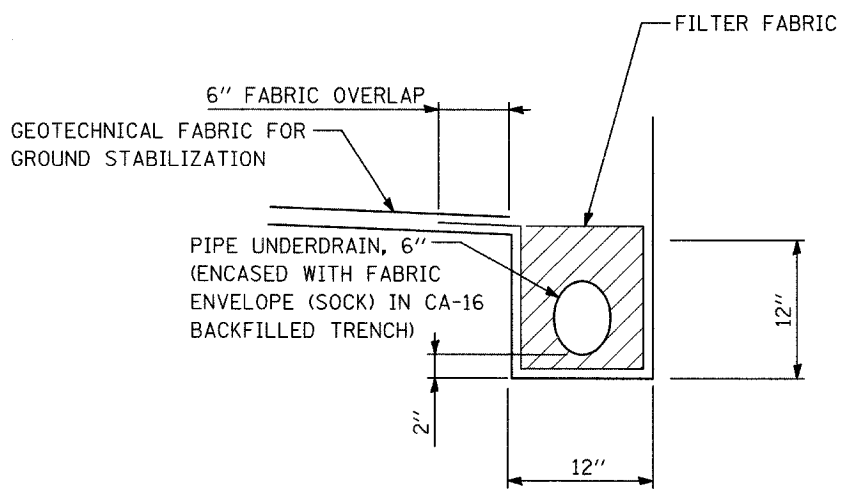
AGGREGATE BEDDING SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF "STONE RIPRAP, CLASS A4"



**STORM SEWER PLUG**

**NOTES:**

1. THIS WORK CONSISTS OF FURNISHING BRICKS AND MORTAR AS SHOWN AND AS DIRECTED BY THE ENGINEER AT LOCATIONS SHOWN IN THE PLANS TO PLUG THE EXISTING AND/OR PROPOSED STORM SEWER LATERAL STUBS.
2. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT INCLUDED IN COST OF SEWER REMOVAL/INSTALLATION AS PER ARTICLE 550.05 OF THE STANDARD SPECIFICATIONS.
3. ALL ABANDONED SEWER WITHIN THE RIGHT-OF-WAY AND AS INDICATED ON PLANS SHALL BE FILLED WITH CONTROLLED LOW STRENGTH MATERIAL (CLSM) AS PER SPECIFICATIONS WITH BOTH ENDS PLUGGED. THE COST SHALL BE PAID FOR IN CU. YD. OF CLSM AND AS SHOWN IN SCHEDULE.



**PIPE UNDERDRAIN DETAIL**


**NOTES:**

- (1) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION SHALL BE PLACED SUCH THAT IT EXTENDS TO THE EDGE OF THE TRENCH AND OVERLAPS THE FILTER FABRIC BY A MINIMUM OF 6". AT NO TIME SHALL THE GEOTECHNICAL FABRIC FOR GROUND STABILIZATION BE OVER OR COVER THE UNDERDRAIN TRENCH.
- (2) NO CONSTRUCTION TRAFFIC SHALL BE ALLOWED ON THE TRENCH UNTIL THE COMPACTED SUB-BASE GRANULAR MATERIAL, TYPE B 12" IS PROVIDED.
- (3) FILTER FABRIC, FABRIC ENVELOPE, AND CA-16 AGGREGATE ARE INCLUDED IN THE UNIT COST OF PIPE UNDERDRAINS 6".
- (4) CONTRACTOR SHALL FLUSH PIPE UNDERDRAIN WITH WATER TO INSURE UNDERDRAIN IS FUNCTIONING PROPERLY PRIOR TO THE PLACEMENT OF THE SUB-BASE GRANULAR MATERIAL, TYPE B 12". PRIOR TO COMMENCING THIS WORK, THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH HIS APPROACH AND METHODS FOR COMPLETING THIS WORK, FOR THE ENGINEER'S REVIEW AND APPROVAL. THE COST OF FLUSHING THE PIPE IS INCLUDED IN THE UNIT COST OF PIPE UNDERDRAINS 6".

REVISIONS	
NAME	DATE

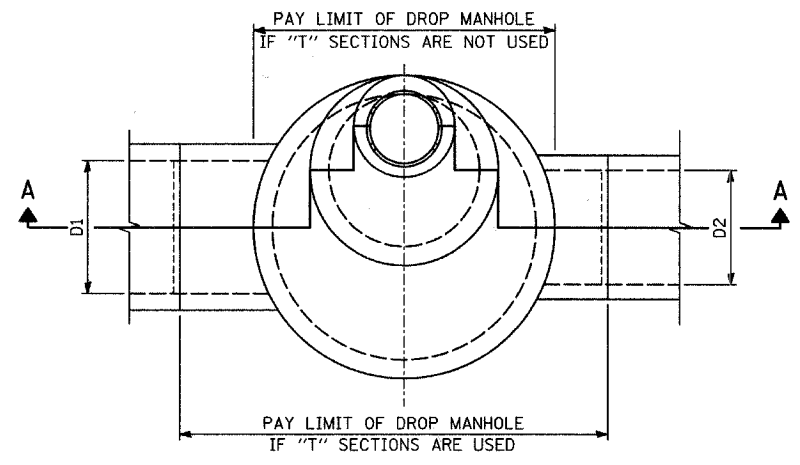
INTERSECTION IMPROVEMENT  
WASHINGTON STREET - 75th STREET  
DRAINAGE DETAILS -  
RIPRAP, SEWER PLUG,  
AND PIPE UNDERDRAINS 6"

CONSULTANT  
**TYLIN INTERNATIONAL**

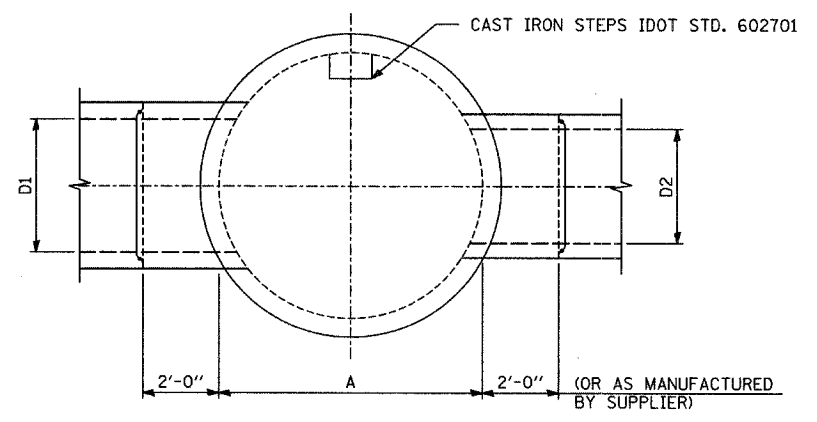
City of  **Naperville**

DRAWN: \_\_\_\_\_ SHEET NO. \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 APPROVED: \_\_\_\_\_  
 DATE: APRIL 11, 2008  
 SCALE: NONE  
 JOB NO.: P-91-494-00 PROJECT NO.: M-CMM-7003 (985)

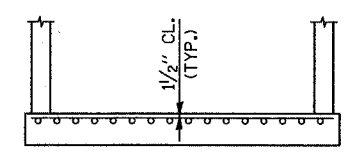
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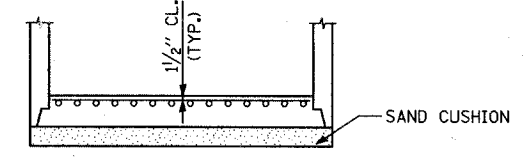
**PLAN VIEW**



**SECTIONAL PLAN**

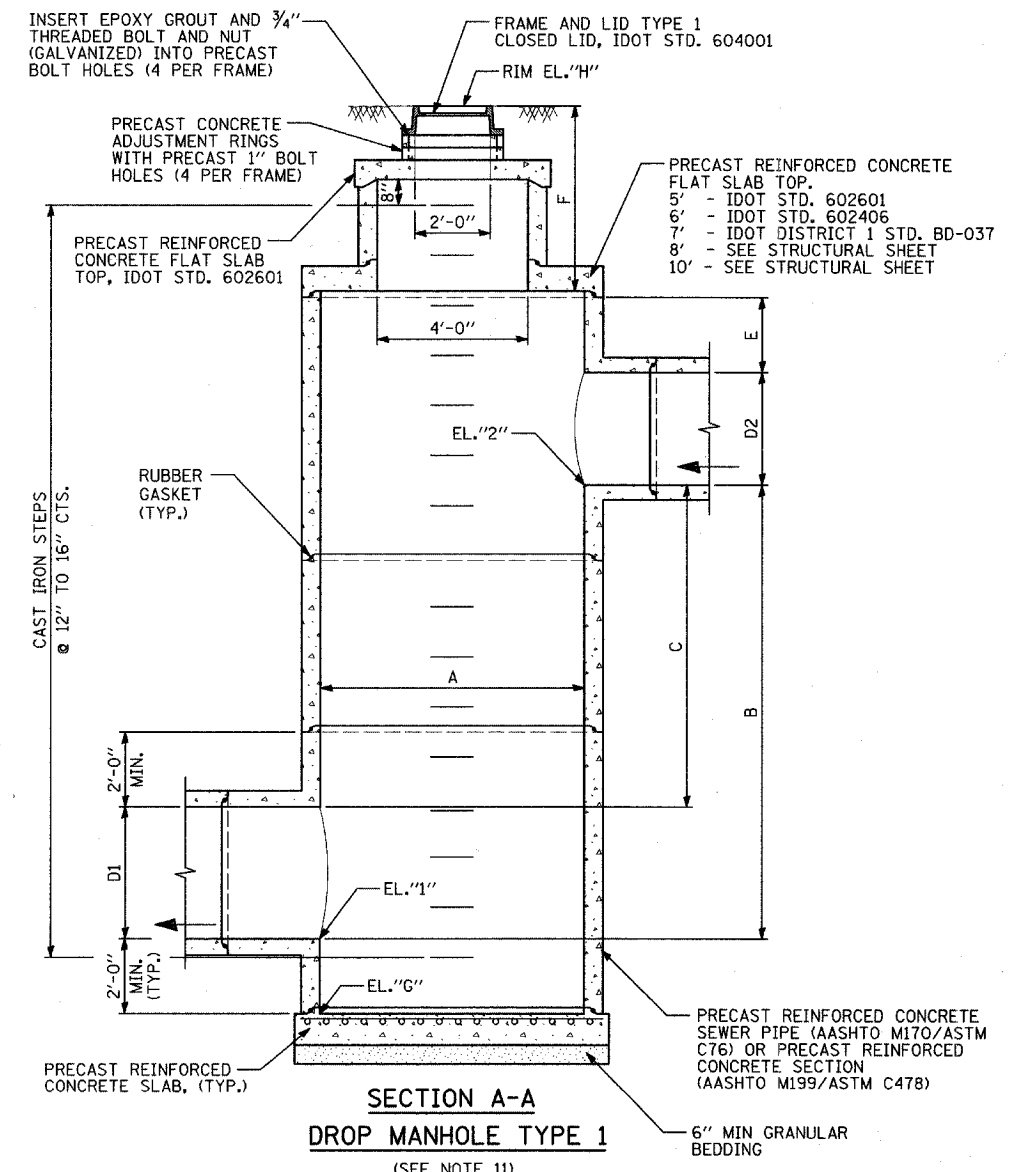


REINFORCED CAST-IN-PLACE CLASS X CONCRETE

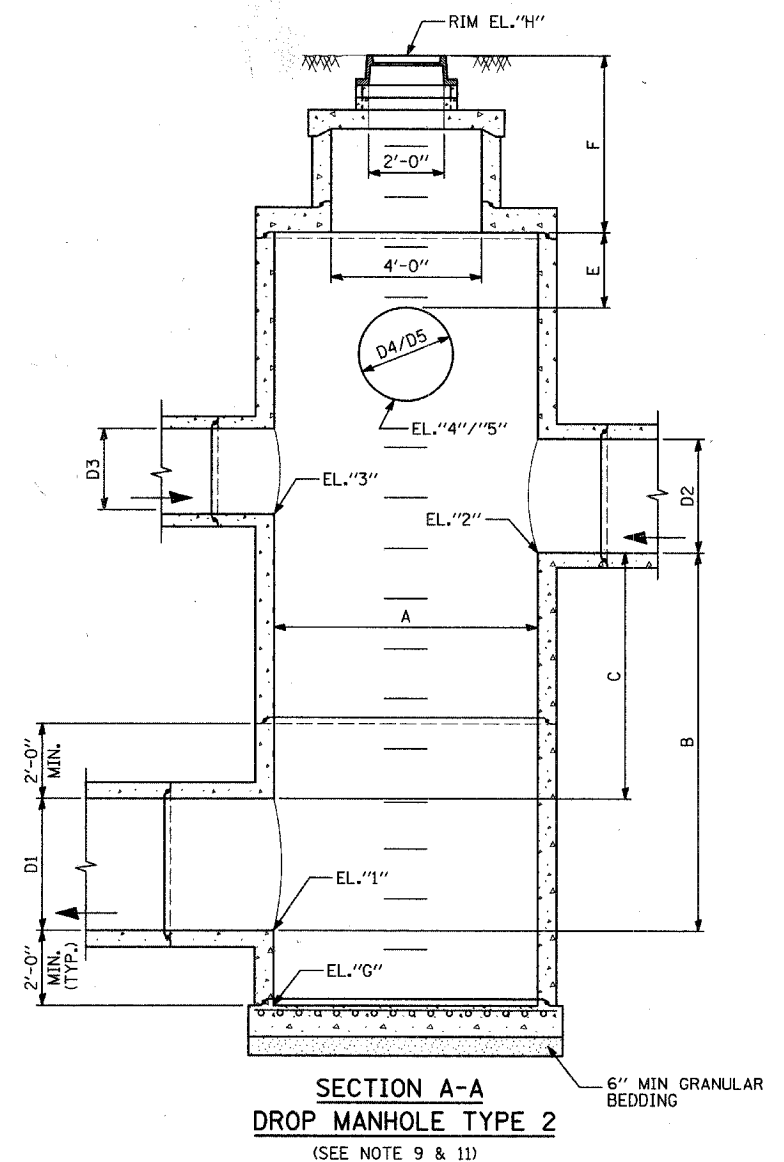


PREFABRICATED REINFORCED CONCRETE SLAB WHEN THE PRECAST REINFORCED CONCRETE SECTIONS ALTERNATE IS USED WITH SAND CUSHION

**ALTERNATE BOTTOM SLAB**



**SECTION A-A  
DROP MANHOLE TYPE 1  
(SEE NOTE 11)**



**SECTION A-A  
DROP MANHOLE TYPE 2  
(SEE NOTE 9 & 11)**

**NOTES:**

- 1) ALL DIMENSIONS ARE INSIDE DIMENSIONS.
- 2) UTILIZE PIPE "T" SECTIONS WHENEVER AVAILABLE.
- 3) PRESET PIPE OPENINGS IN PRECAST REINFORCED CONCRETE SECTIONS IF "T" SECTIONS AND SPECIAL FITTINGS ARE NOT AVAILABLE.
- 4) ROTATE FLAT SLAB AND MANHOLE RISER SO STEPS AVOID STORM SEWER OPENINGS.
- 5) CAST IRON STEPS SHALL BE GRAY IRON CONFORMING TO THE REQUIREMENTS OF ARTICLE 1006.14 OF THE STANDARD SPECIFICATIONS. STEPS SHALL BE EMBEDDED INTO THE WALL A MINIMUM OF THREE (3) INCHES. STEPS SHALL NOT BE EXTENDED ON THE OUTSIDE.
- 6) JOINT CONFIGURATION AND DIMENSIONS OF FLAT SLAB TOP SHALL MATCH AND FIT THE RISER JOINT DETAIL.
- 7) LIFTING DEVICES SHALL BE APPROVED BY THE ENGINEER.
- 8) ALL WORK SHALL BE AS PER AASHTO REQUIREMENTS. ASTM IS LISTED AS SUPPLEMENTARY.
- 9) SIMILAR TO TYPE 1, ALSO WITH SEWERS D3, D4 AND D5.
- 10) SIMILAR TO TYPE 1, ALSO WITH SEWERS D3, D4, D5 AND LOWER D2.
- 11) DROP MANHOLE TYPE 1 AND TYPE 3 ARE NOT USED ON THIS PROJECT.


**DROP MANHOLE SCHEDULE**

STRUCT NUMBER	TYPE	LOCATION	STATION	OFFSET	DIMENSIONS										ELEVATIONS (FT)							
					A (FT)	B (FT)	C (FT)	D1 (IN)	D2 (IN)	D3 (IN)	D4 (IN)	D5 (IN)	E (FT)	F (FT)	1	2	3	4	5	G	H	
11	1	WASH ST.	426+07.83	29.3 LT	5	6.54	4.54	24	12	-	-	-	2	2.63	664.83	671.37	-	-	-	662.83	677.00	
515	2	75TH ST.	134+34.58	4.00 RT	8	4.50	1.50	36	36	-	12	12	2	3.20	674.61	679.11	-	680.41	680.96	672.61	687.31	
525	2	75TH ST.	138+75.03	7.00 RT	8	4.00	0.50	42	36	-	12	12	2	2.65	668.00	672.00	-	675.06	675.18	666.00	681.43	
64	2	75TH ST.	143+45.07	5.70 LT	7	5.97	0.97	60	42	-	12	12	2	4.43	659.58	665.55	-	665.42	667.30	657.58	673.70	
619	2	75TH ST.	149+15.57	143.4 LT	9	6.78	2.88	48X76	60	-	12	-	-	4.34	647.60	654.38	-	661.80	-	645.60	665.72	

REVISIONS	
NAME	DATE

INTERSECTION IMPROVEMENT  
WASHINGTON STREET - 75th STREET  
DRAINAGE STRUCTURE DETAILS  
DROP MANHOLE  
SHEET 4A OF 4

CONSULTANT  
**TYLIN INTERNATIONAL**

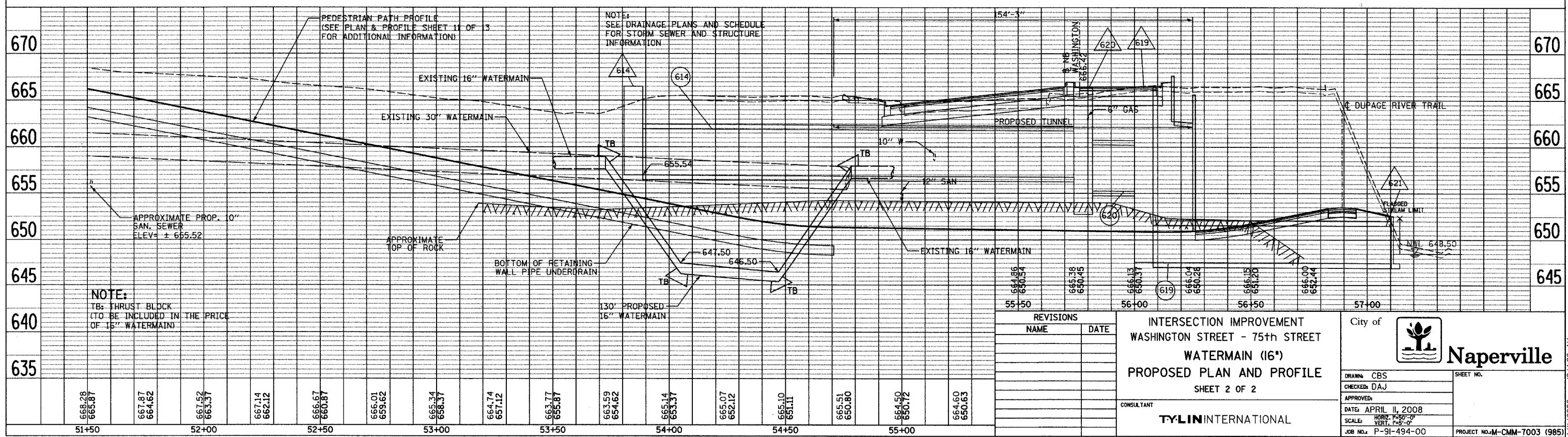
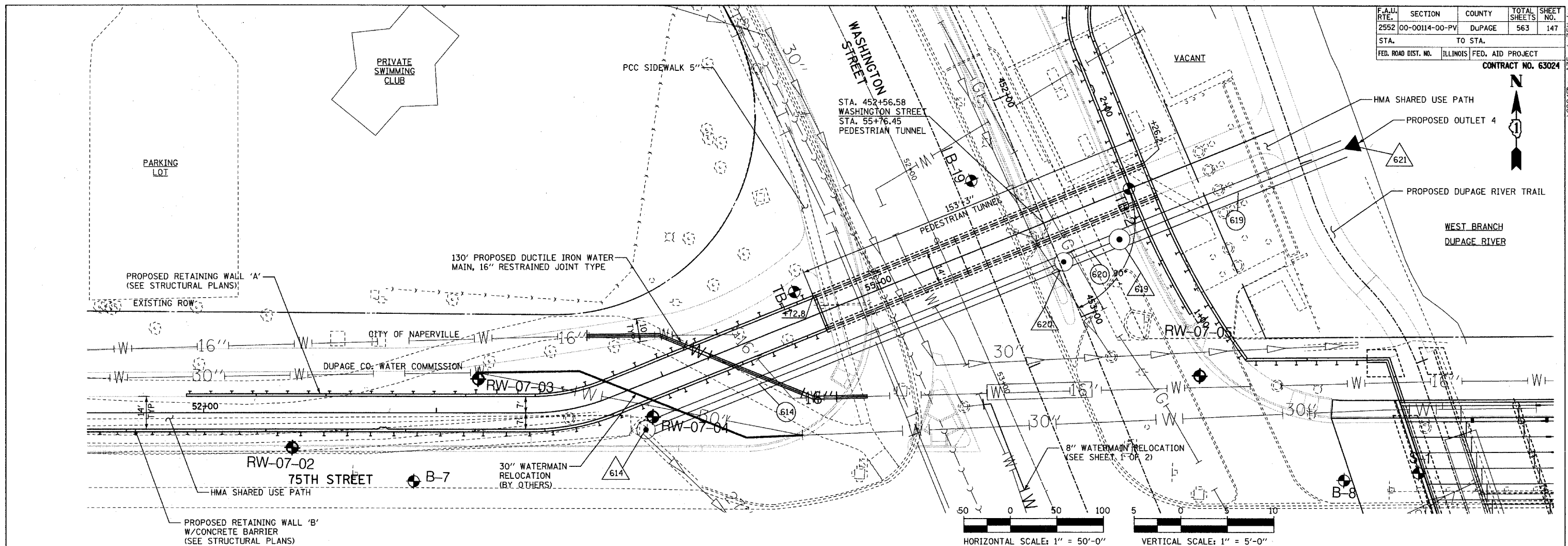
City of  **Naperville**

DRAWN: \_\_\_\_\_ SHEET NO. \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 APPROVED: \_\_\_\_\_  
 DATE: APRIL 11, 2008  
 SCALE: \_\_\_\_\_  
 JOB NO.: P-91-494-00 PROJECT NO.: M-CMM-7003 (985)





F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00114-00-PV	DUPAGE	563	147
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 63024				



**NOTE:**  
TB: THRUST BLOCK  
(TO BE INCLUDED IN THE PRICE OF 16" WATERMAIN)

**NOTE:**  
SEE DRAINAGE PLANS AND SCHEDULE FOR STORM SEWER AND STRUCTURE INFORMATION

REVISIONS	
NAME	DATE

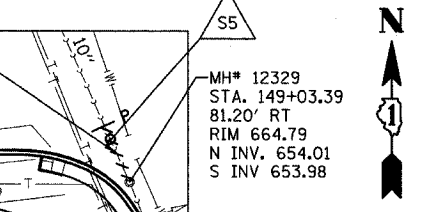
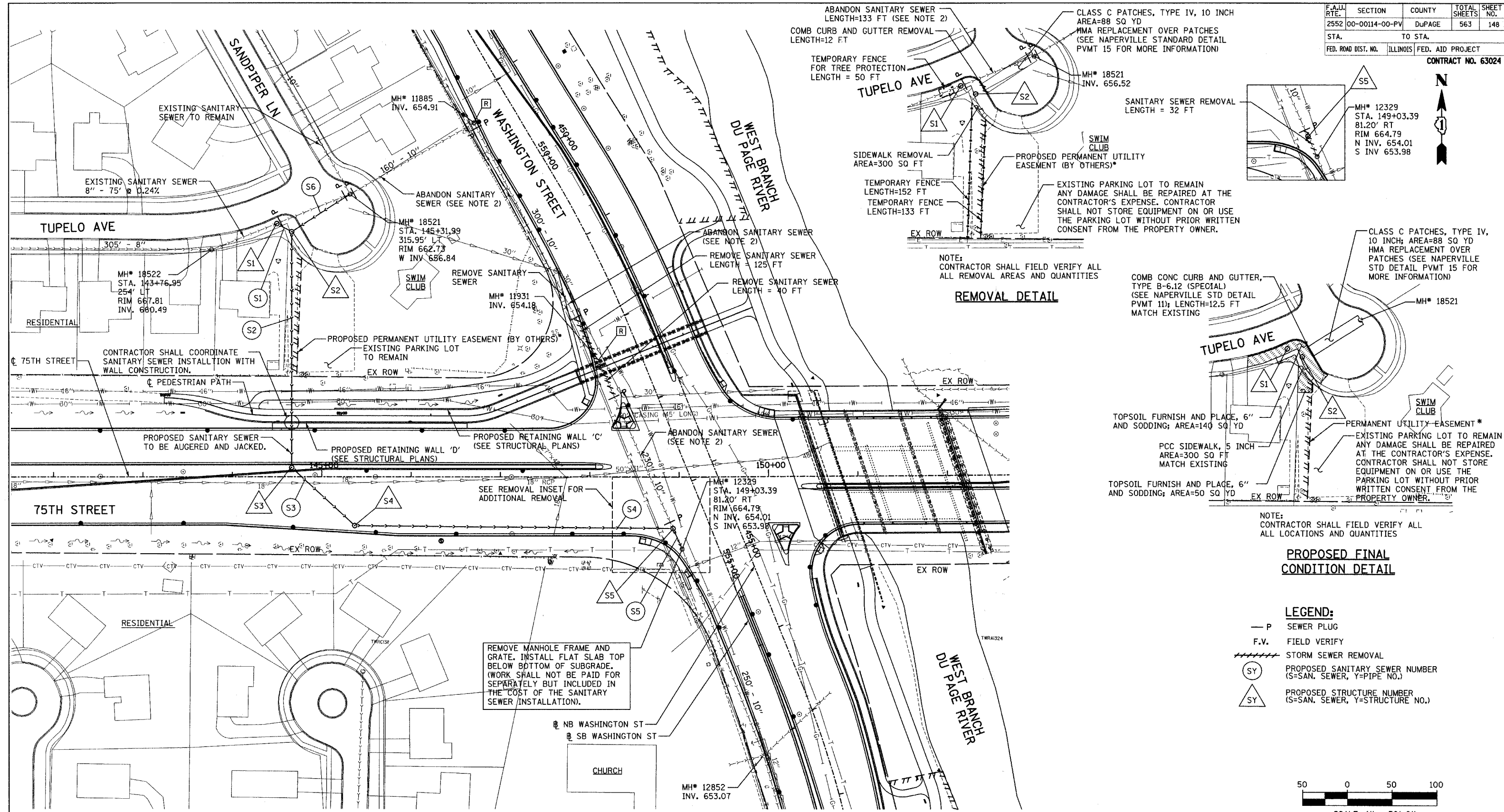
**INTERSECTION IMPROVEMENT  
WASHINGTON STREET - 75th STREET  
WATERMAIN (16")  
PROPOSED PLAN AND PROFILE  
SHEET 2 OF 2**

CONSULTANT  
**TYLIN INTERNATIONAL**

City of **Naperville**

DRAWN: CBS  
CHECKED: DAJ  
APPROVED: \_\_\_\_\_  
DATE: APRIL 11, 2008  
SCALE: HORIZ. 1"=50'-0"  
VERT. 1"=5'-0"  
JOB NO.: P-91-494-00  
PROJECT NO.: M-CMM-7003 (985)

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00114-00-PV	DuPAGE	563	148
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 63024				



NOTE:  
CONTRACTOR SHALL FIELD VERIFY ALL  
ALL REMOVAL AREAS AND QUANTITIES

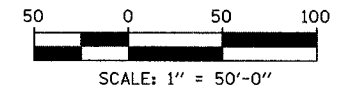
**REMOVAL DETAIL**

COMB CONC CURB AND GUTTER,  
TYPE B-6.12 (SPECIAL)  
(SEE NAPERVILLE STD DETAIL  
PVMT 11); LENGTH=12.5 FT  
MATCH EXISTING

NOTE:  
CONTRACTOR SHALL FIELD VERIFY ALL  
ALL LOCATIONS AND QUANTITIES

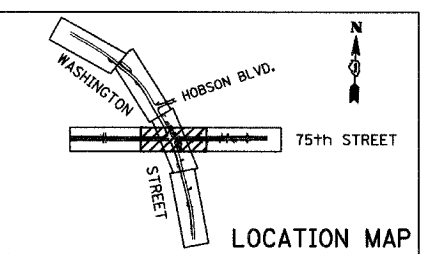
**PROPOSED FINAL  
CONDITION DETAIL**

- LEGEND:**
- P SEWER PLUG
  - F.V. FIELD VERIFY
  - //// STORM SEWER REMOVAL
  - (SY) PROPOSED SANITARY SEWER NUMBER  
(S=SAN. SEWER, Y=PIPE NO.)
  - (SY) PROPOSED STRUCTURE NUMBER  
(S=SAN. SEWER, Y=STRUCTURE NO.)



- NOTES:**
- CONNECT EXISTING SANITARY SEWER TO PROPOSED STRUCTURE. COST SHALL NOT BE PAID FOR SEPARATELY, BUT INCLUDED IN COST OF PROPOSED STRUCTURE INSTALLATION.
  - ABANDONED SANITARY SEWER TO BE FILLED WITH CONTROLLED LOW STRENGTH MATERIAL.
  - PROPOSED MANHOLE STATIONS AND OFFSETS ARE MEASURED TO THE CENTER OF THE STRUCTURE. STATION AND OFFSET PROVIDED FROM PROPOSED C 75TH STREET.

- PROPOSED RIM ELEVATIONS GIVEN AT THE CENTER OF THE PROPOSED STRUCTURE. CONTRACTOR TO FIELD VERIFY AND ADJUST AS NECESSARY. COST OF ADJUSTMENT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STRUCTURE.
- ALL SANITARY SEWER WORK SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE CITY OF NAPERVILLE STANDARDS. SEE CITY OF NAPERVILLE PUBLIC UTILITIES DETAILS SHEETS 1 AND 2.




REVISIONS	
NAME	DATE

INTERSECTION IMPROVEMENT  
WASHINGTON STREET - 75th STREET

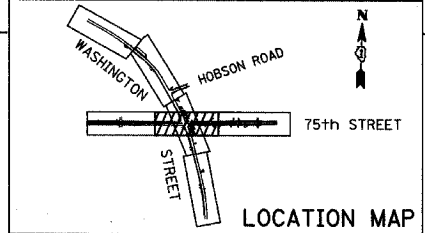
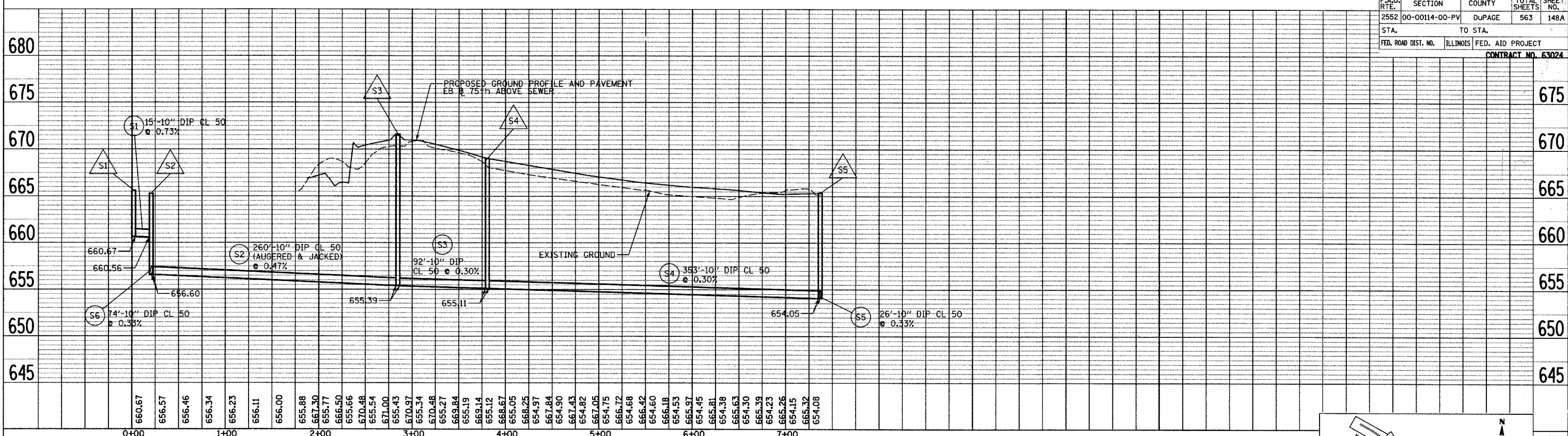
**PROPOSED SANITARY  
SEWER RELOCATION**

SHEET 1 OF 1

CONSULTANT  
**TYLIN INTERNATIONAL**

City of  **Naperville**

DRAWN: CBS  
CHECKED: DAJ  
APPROVED:  
DATE: APRIL 11, 2008  
SCALE: 1"=50'  
JOB NO.: P-91-494-00  
PROJECT NO.: M-CMM-7003 (985)



SANITARY STRUCTURE SCHEDULE

STRUCTURE NUMBER	STATION	OFFSET	STRUCTURE TYPE		DIA. (FT.)	FRAME & LID	TOP OF FRAME	N INV.	E INV.	S INV.	W INV.
			MH/FES/SHW	CB							
S1	144+26.67	274.08 LT	S		4	TIF CL	F.V.		660.67		660.67
S2	144+65.59	274.30 LT	DRP		4	TIF CL	F.V.	656.60		656.60	660.56
S3	144+66.42	10.29 RT	S		4	TIF CL	671.60	655.39		655.39	
S4	145+36.81	54.88 RT	S		4	TIF CL	669.02		655.11		655.11
S5	148+93.09	58.00 RT	S		4	TIF CL	665.36		654.05		654.05
S6	NOT USED	-	-								

SANITARY SEWER SCHEDULE

PIPE NUMBER	UPSTREAM STATION	DOWNSTREAM STATION	TYPE	DIA. (IN.)	LENGTH (FT)	SLOPE (%)	T.B. (CU.YD)
S1	144+26.67	144+65.59	DIP	10	15	0.73	5.6
S2	144+65.59	144+66.42	DIP(A&J)	10	260	0.47	-
S3	144+66.42	145+36.81	DIP	10	92	0.30	167.3
S4	145+36.81	148+93.09	DIP	10	353	0.30	549.8
S5	148+93.1	149+03.4	DIP	10	26	0.33	34.1
S6	145+31.99	144+65.59	DIP	10	74	0.33	27.4

**LEGEND:**  
 - P SEWER PLUG  
 F.V. FIELD VERIFY  
 STORM SEWER REMOVAL  
 (SY) PROPOSED SANITARY SEWER NUMBER (S=SAN. SEWER, Y=PIPE NO.)  
 (SY) PROPOSED STRUCTURE NUMBER (S=SAN. SEWER, Y=STRUCTURE NO.)

REVISIONS	
NAME	DATE

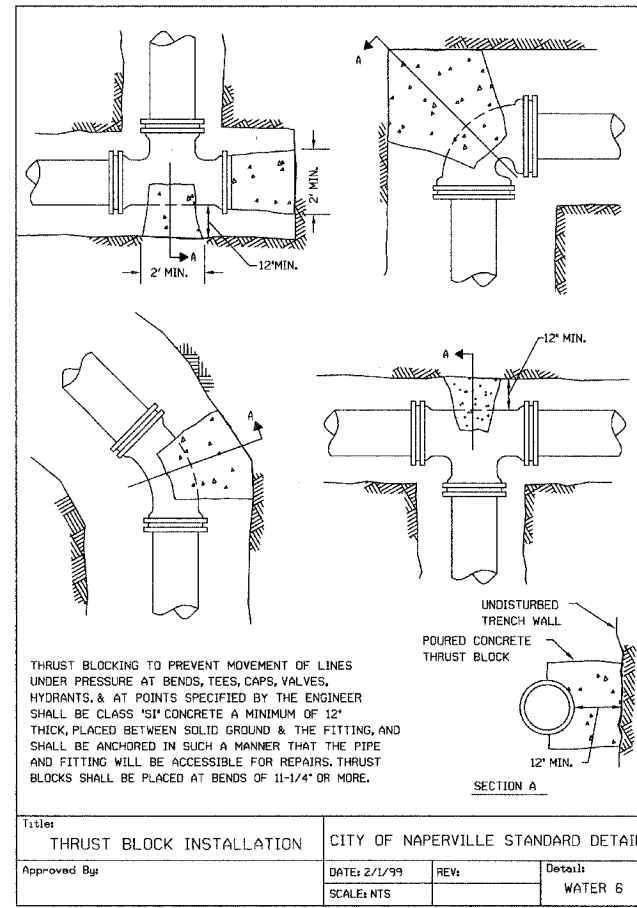
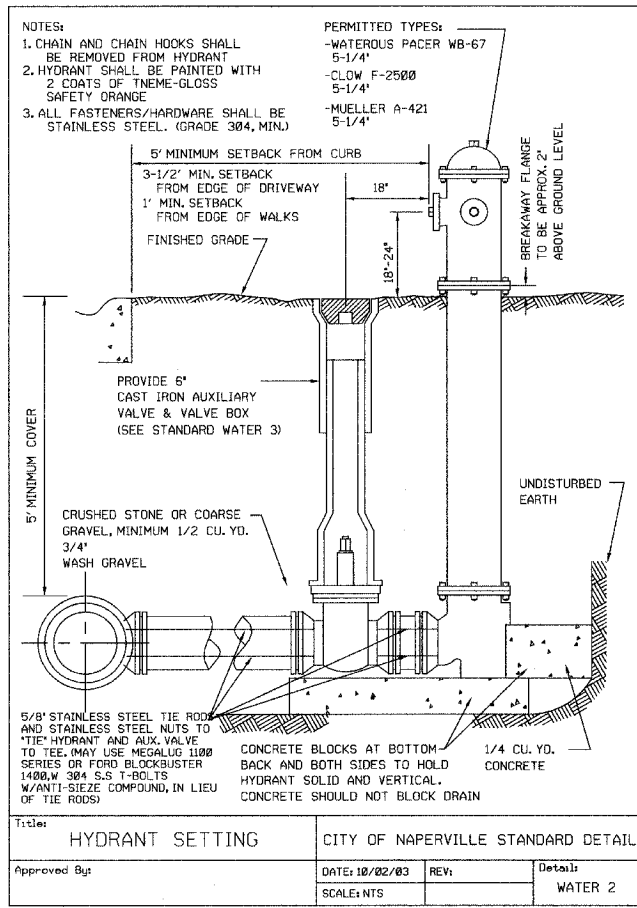
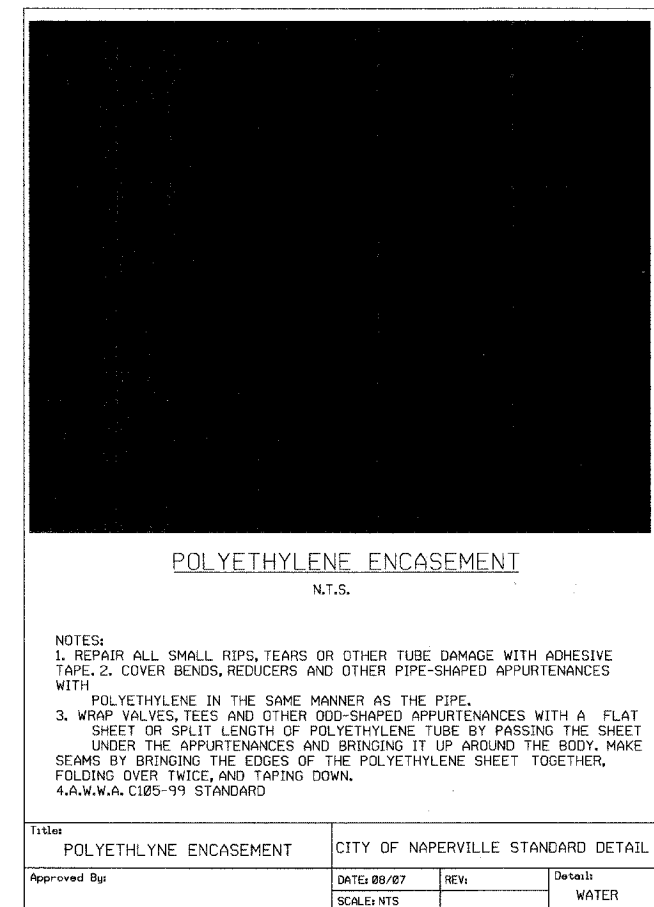
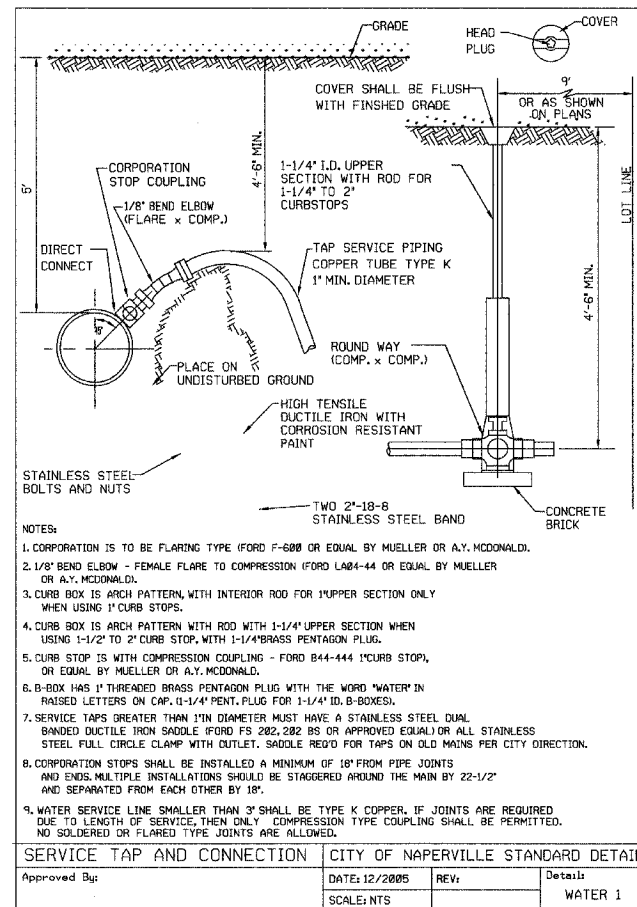
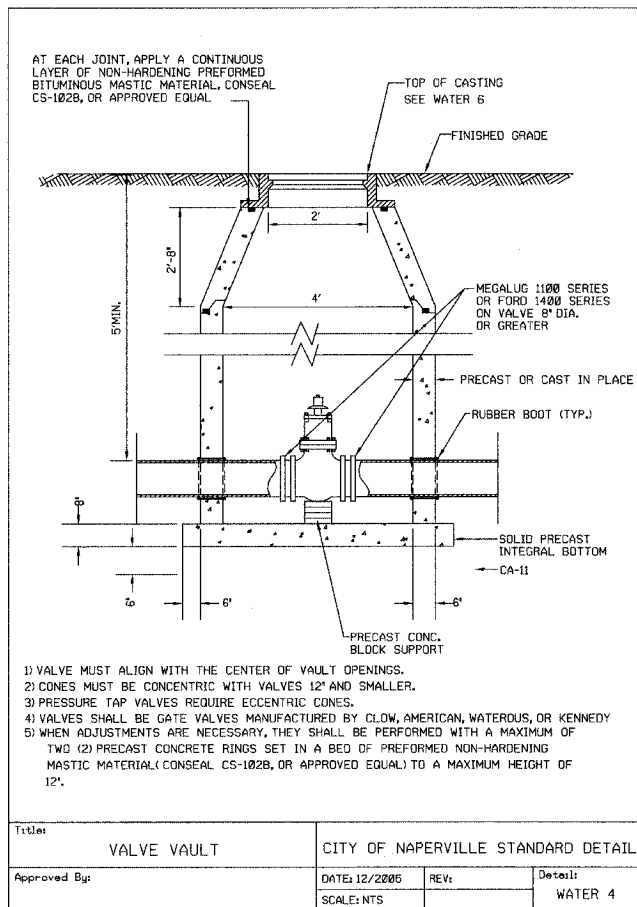
INTERSECTION IMPROVEMENT  
 WASHINGTON STREET - 75th STREET  
 SANITARY SEWER RELOCATION  
 SEWER PROFILES & SCHEDULES  
 SHEET 2 OF 2

CONSULTANT  
**TYLIN** INTERNATIONAL

City of **Naperville**

DRAWN: CBS  
 CHECKED: DAJ  
 APPROVED:  
 DATE: APRIL 11, 2008  
 SCALE:  
 JOB NO.: P-91-494-00 PROJECT NO.: M-CMM-7003 (985)

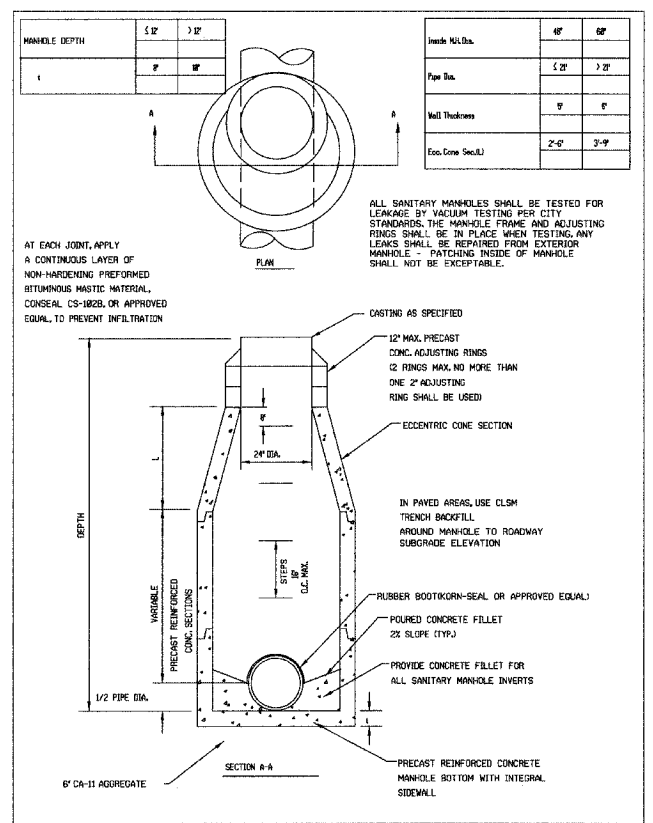
10:43:35 AM 4/11/2008



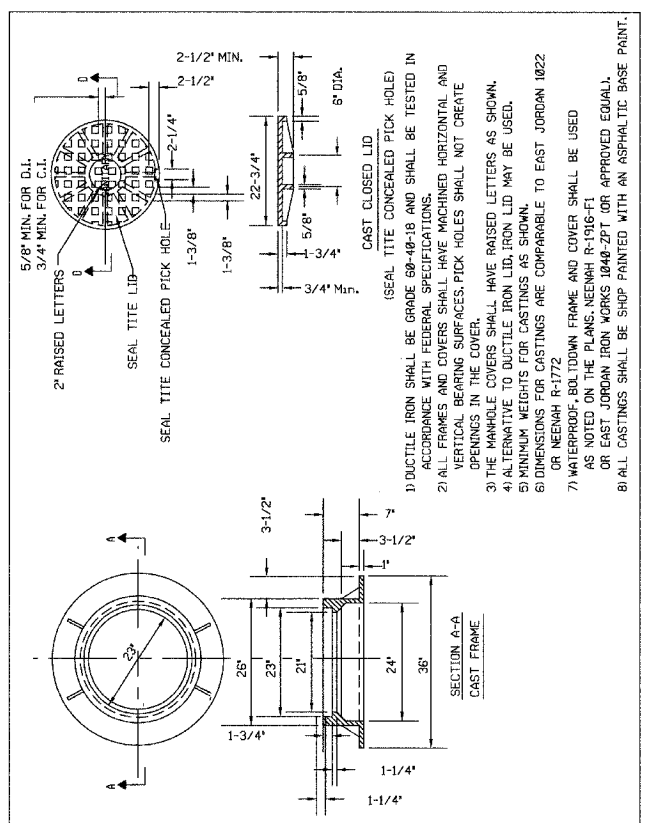
<b>REVISIONS</b> NAME      DATE		INTERSECTION IMPROVEMENT WASHINGTON STREET - 75th STREET CITY OF NAPERVILLE PUBLIC UTILITIES STANDARD DETAILS SHEET 1 OF 2	City of  <b>Naperville</b>
CONSULTANT <b>TYLIN INTERNATIONAL</b>		DRAWN: _____ CHECKED: _____ APPROVED: _____ DATE: APRIL 11, 2008 SCALE: _____	SHEET NO. _____ PROJECT NO.: P-91-494-00      PROJECT NO.-M-CMM-7003 (985)

4/11/2008 10:43:39 AM  
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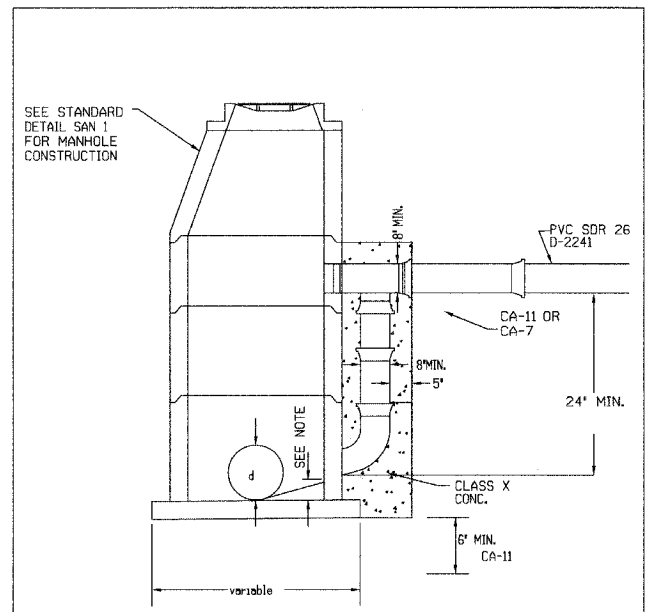
F.A.U. RT#	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00114-00-PV	DuPAGE	563	150
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 63024				



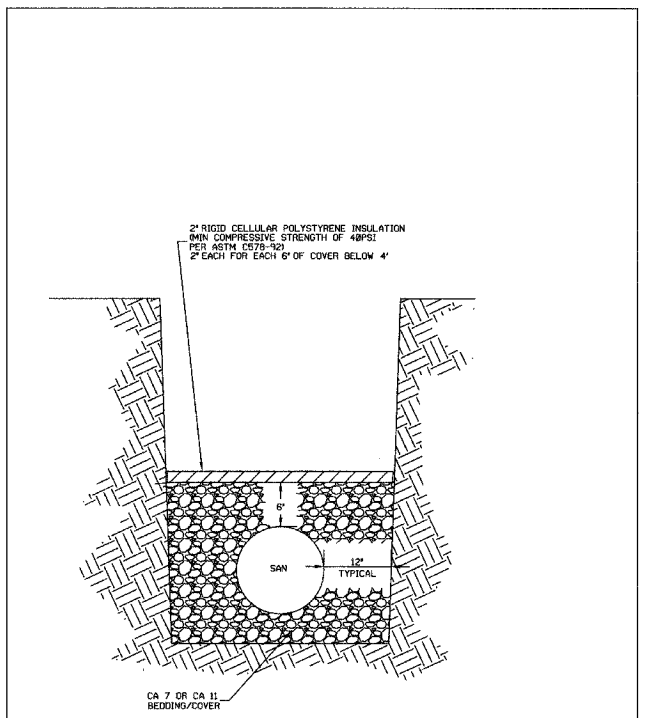
Title	SANITARY SEWER MANHOLE	CITY OF NAPERVILLE STANDARD DETAIL
Approved By:	DATE: 2/1/99	REV: SAN 1
SCALE: NTS		



Title	SANITARY MANHOLE FRAME & COVER	CITY OF NAPERVILLE STANDARD DETAIL
Approved By:	DATE: 9/15/99	REV: SAN 3
SCALE: NTS		



Title	SANITARY DROP CONNECTION MANHOLE	CITY OF NAPERVILLE STANDARD DETAIL
Approved By:	DATE: 12/2005	REV: SAN 2A
SCALE: NTS		



Title	PIPE INSULATION DETAIL	CITY OF NAPERVILLE STANDARD DETAIL
Approved By:	DATE: 10-24-05	REV: SAN
SCALE: NTS		

REVISIONS	
NAME	DATE

**INTERSECTION IMPROVEMENT**  
**WASHINGTON STREET - 75th STREET**  
**CITY OF NAPERVILLE**  
**PUBLIC UTILITIES**  
**STANDARD DETAILS**  
**SHEET 2 OF 2**

**TYLIN INTERNATIONAL**

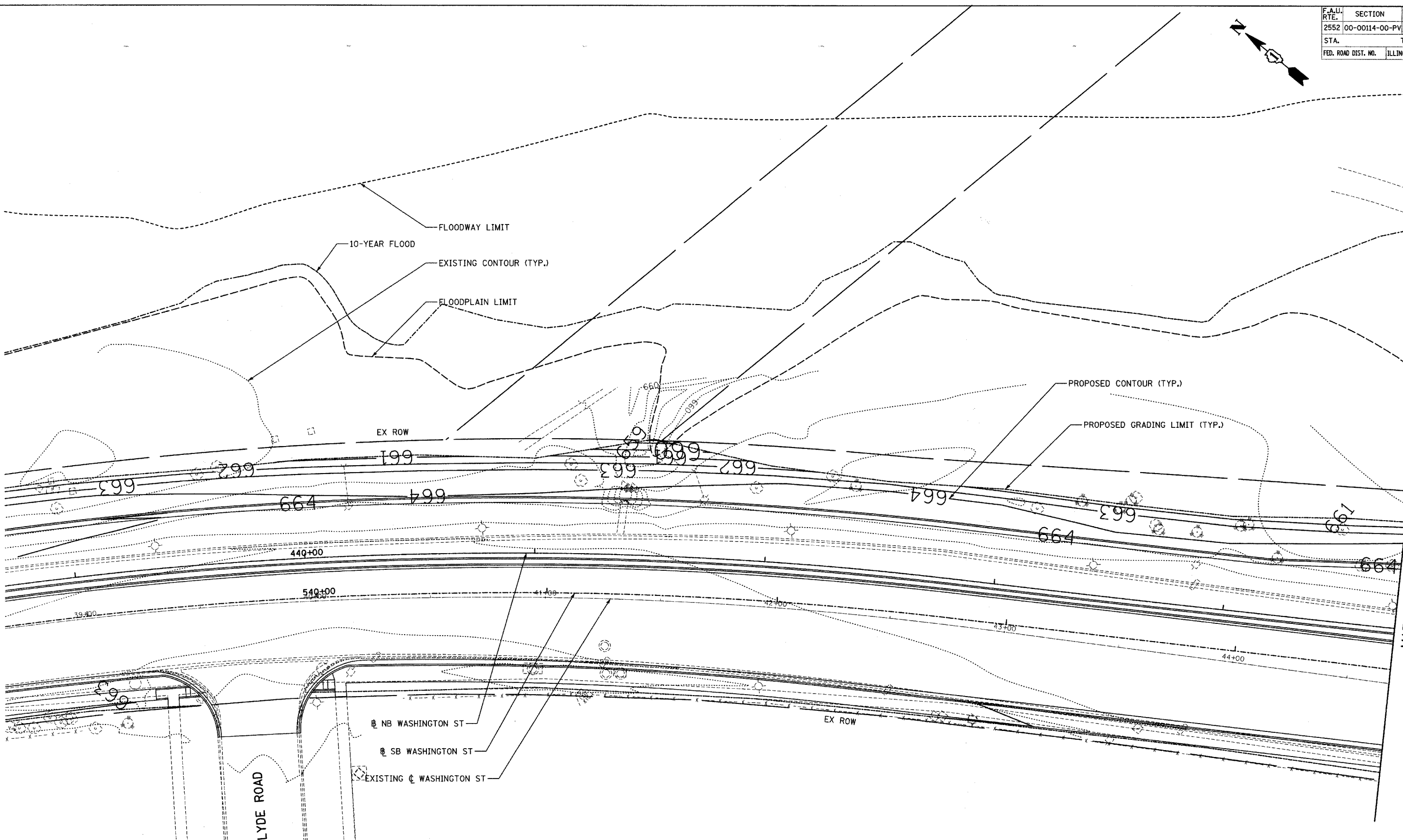
City of **Naperville**

DRAWN: \_\_\_\_\_ SHEET NO. \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 APPROVED: \_\_\_\_\_  
 DATE: APRIL 11, 2008  
 SCALE: \_\_\_\_\_  
 JOB NO.: P-91-494-00 PROJECT NO.: M-CMM-7003 (985)

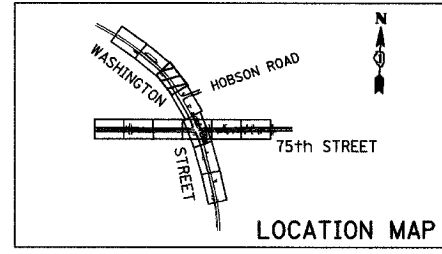
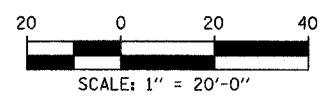
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00114-00-PV	DuPAGE	563	151
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 63024



MATCHLINE STA. 444+75 - SEE SHEET 2 OF 7



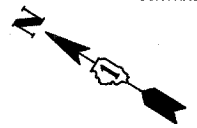
REVISIONS	
NAME	DATE

INTERSECTION IMPROVEMENT  
WASHINGTON STREET - 75th STREET  
GRADING PLAN  
WASHINGTON STREET  
SHEET 1 OF 7  
STA. 438+70 TO STA. 444+75  
CONSULTANT  
**TYLIN** INTERNATIONAL

City of **Naperville**

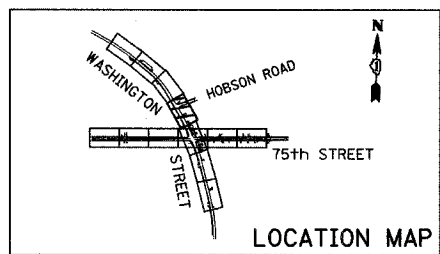
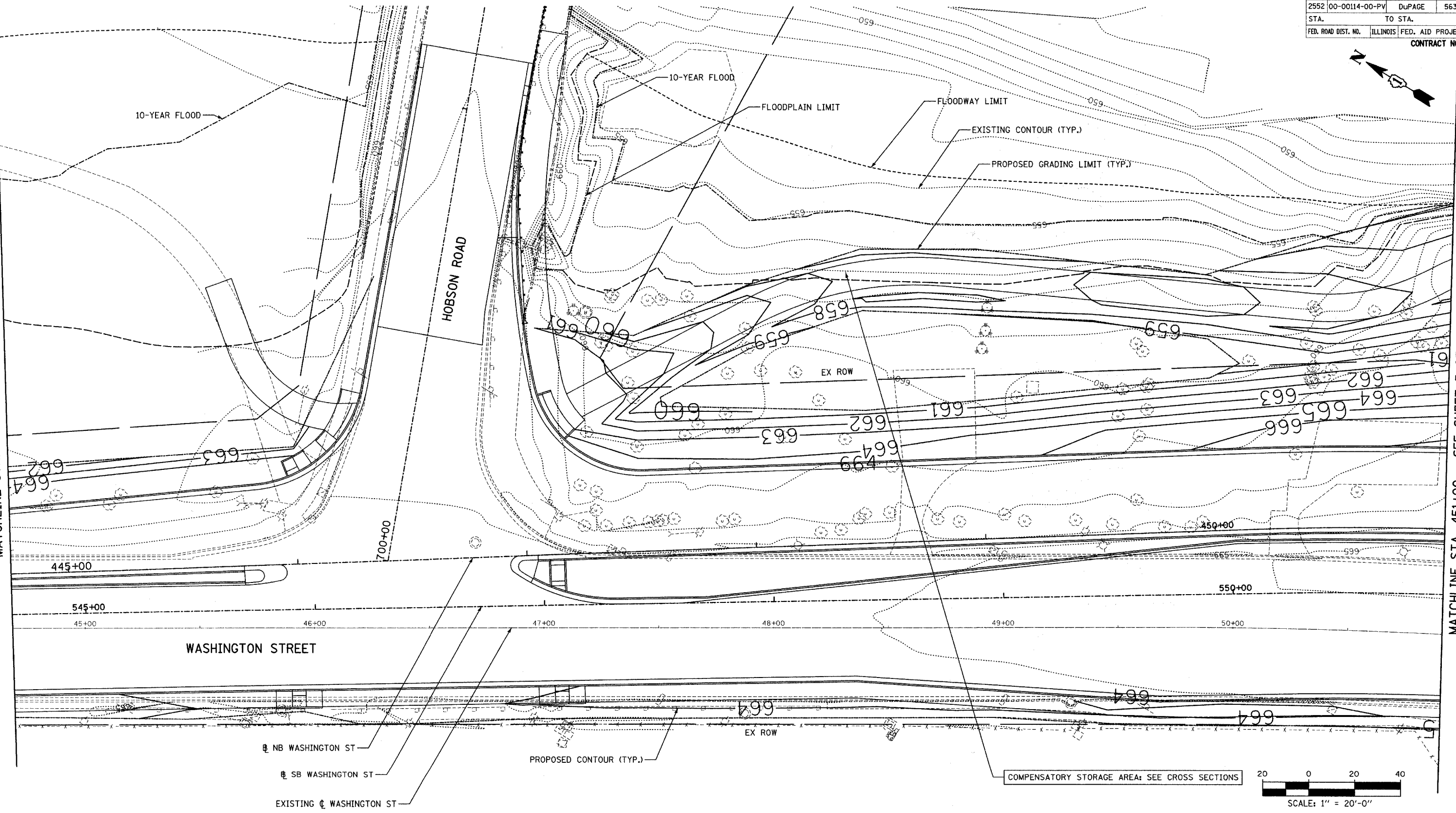
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CHECKED:	
APPROVED:	
DATE: APRIL 11, 2008	
SCALE: 1" = 20'-0"	
JOB NO.: P-91-494-00	PROJECT NO.: M-CMM-7003 (985)

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00114-00-PV	DuPAGE	563	152
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 63024				



MATCHLINE STA. 444+75 - SEE SHEET 1 OF 7


MATCHLINE STA. 451+00 - SEE SHEET 3 OF 7



REVISIONS	
NAME	DATE

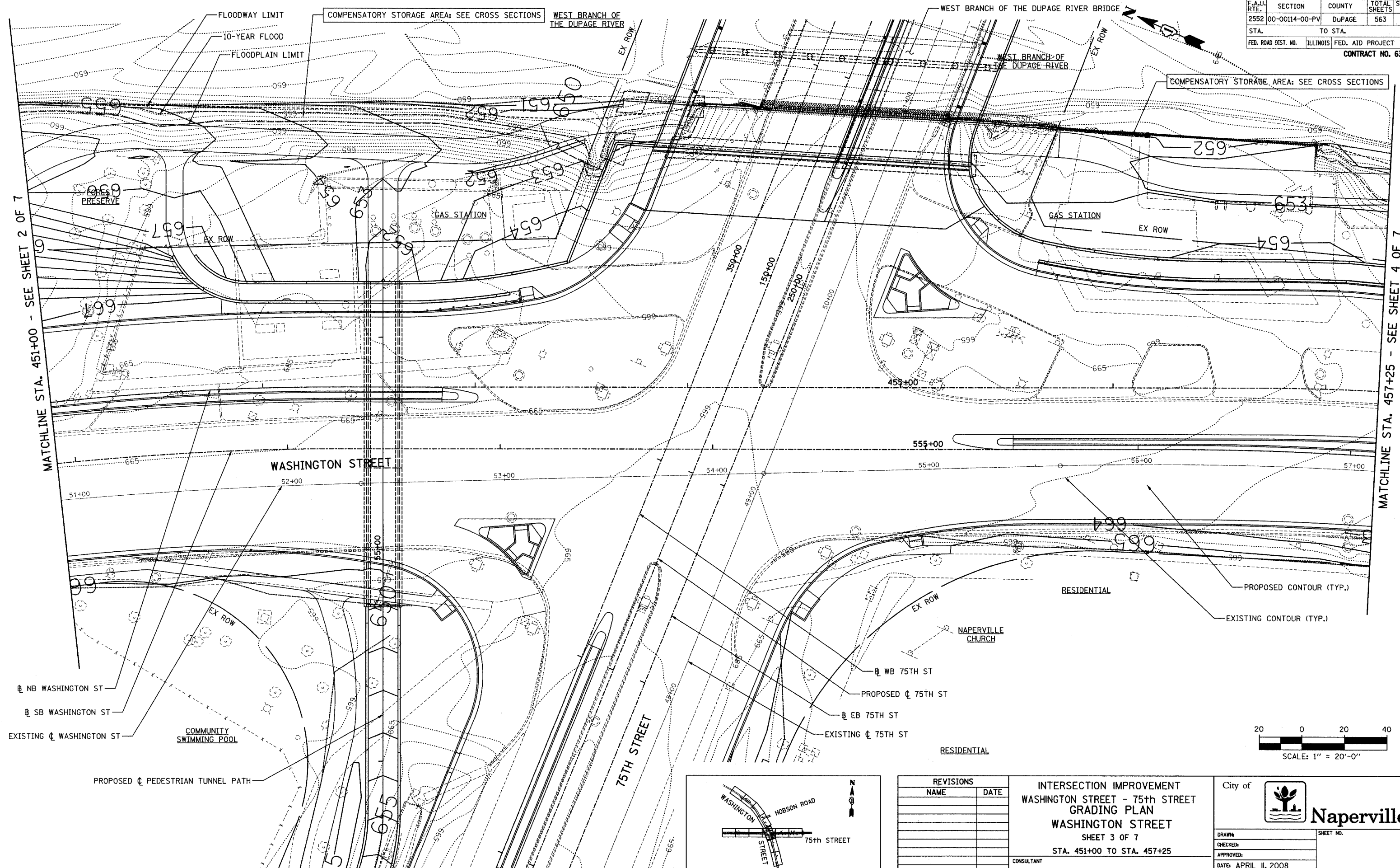
INTERSECTION IMPROVEMENT  
 WASHINGTON STREET - 75th STREET  
 GRADING PLAN  
 WASHINGTON STREET  
 SHEET 2 OF 7  
 STA. 444+75 TO STA. 451+00

CONSULTANT  
**TYLIN** INTERNATIONAL

City of  **Naperville**

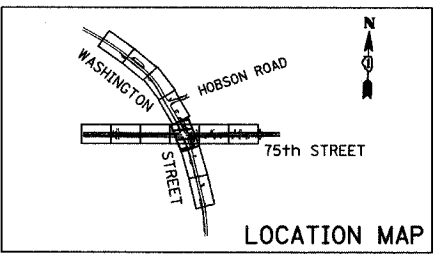
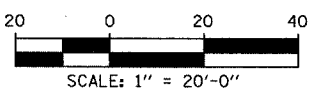
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 CHECKED: \_\_\_\_\_  
 APPROVED: \_\_\_\_\_  
 DATE: APRIL 11, 2008  
 SCALE: 1" = 20'-0"  
 JOB NO.: P-91-494-00 PROJECT NO.: M-CMM-7003 (985)

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00114-00-PV	DUPAGE	563	153
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 63024				



MATCHLINE STA. 451+00 - SEE SHEET 2 OF 7

MATCHLINE STA. 457+25 - SEE SHEET 4 OF 7



REVISIONS	
NAME	DATE

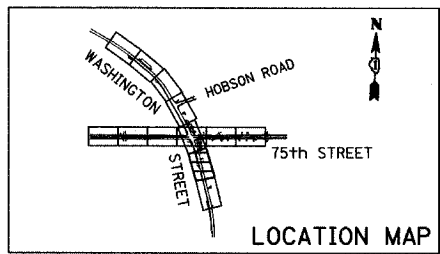
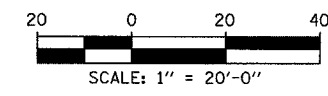
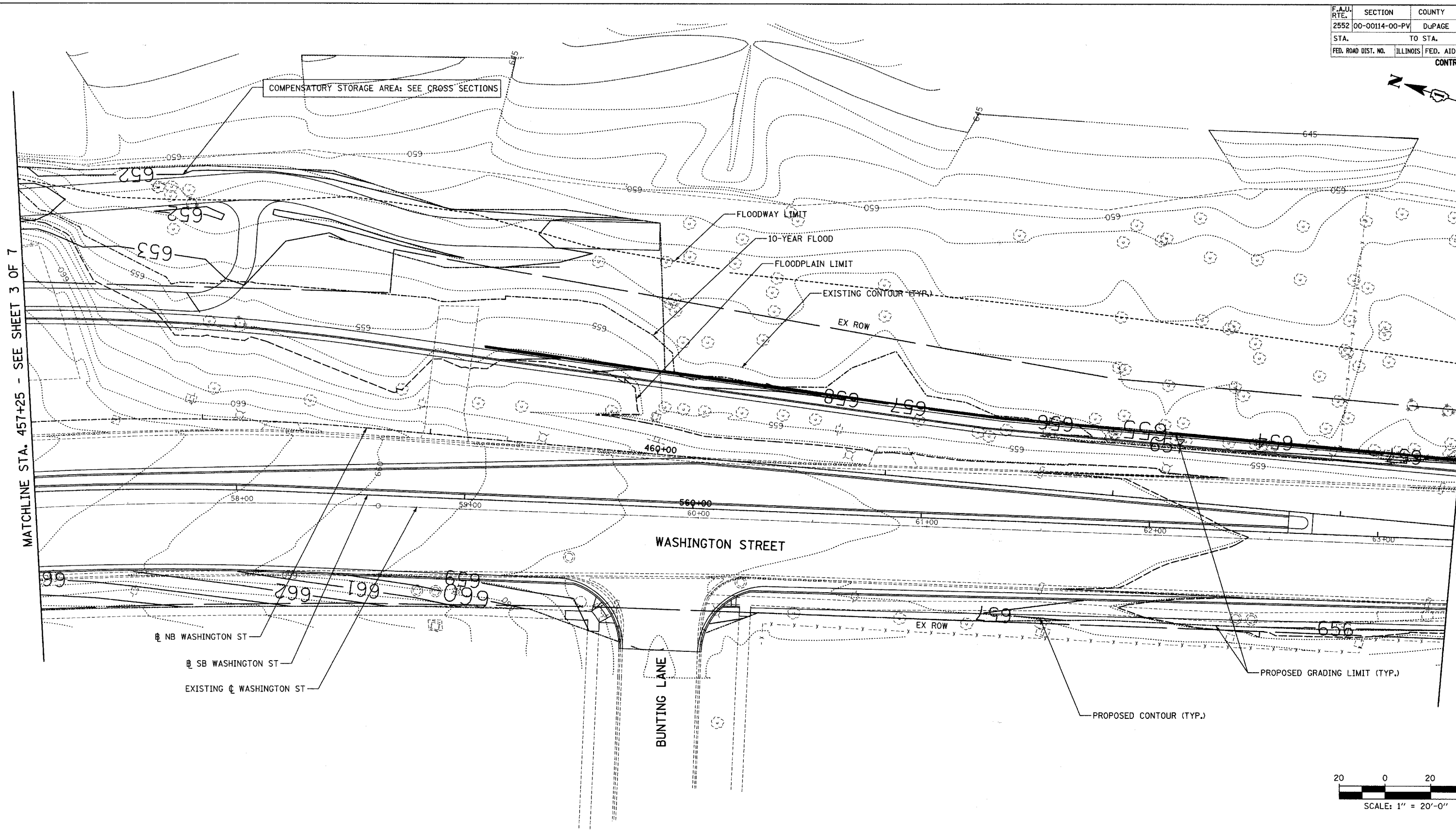
**INTERSECTION IMPROVEMENT**  
**WASHINGTON STREET - 75th STREET**  
**GRADING PLAN**  
**WASHINGTON STREET**  
 SHEET 3 OF 7  
 STA. 451+00 TO STA. 457+25  
 CONSULTANT  
**TYLIN INTERNATIONAL**

City of **Naperville**

DRAWN:	SHEET NO.:
CHECKED:	
APPROVED:	
DATE: APRIL 11, 2008	
SCALE: 1" = 20'-0"	
JOB NO.: P-91-494-00	PROJECT NO.: M-CMM-7003 (985)




F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00114-00-PV	DuPAGE	583	154
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 63024				



REVISIONS	
NAME	DATE

INTERSECTION IMPROVEMENT  
 WASHINGTON STREET - 75th STREET  
 GRADING PLAN  
 WASHINGTON STREET  
 SHEET 4 OF 7  
 STA. 457+25 TO STA. 463+50  
 CONSULTANT  
**TYLIN** INTERNATIONAL

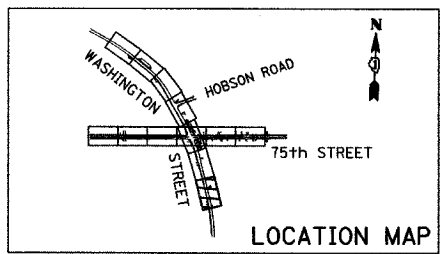
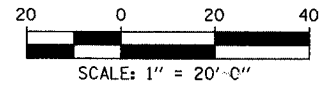
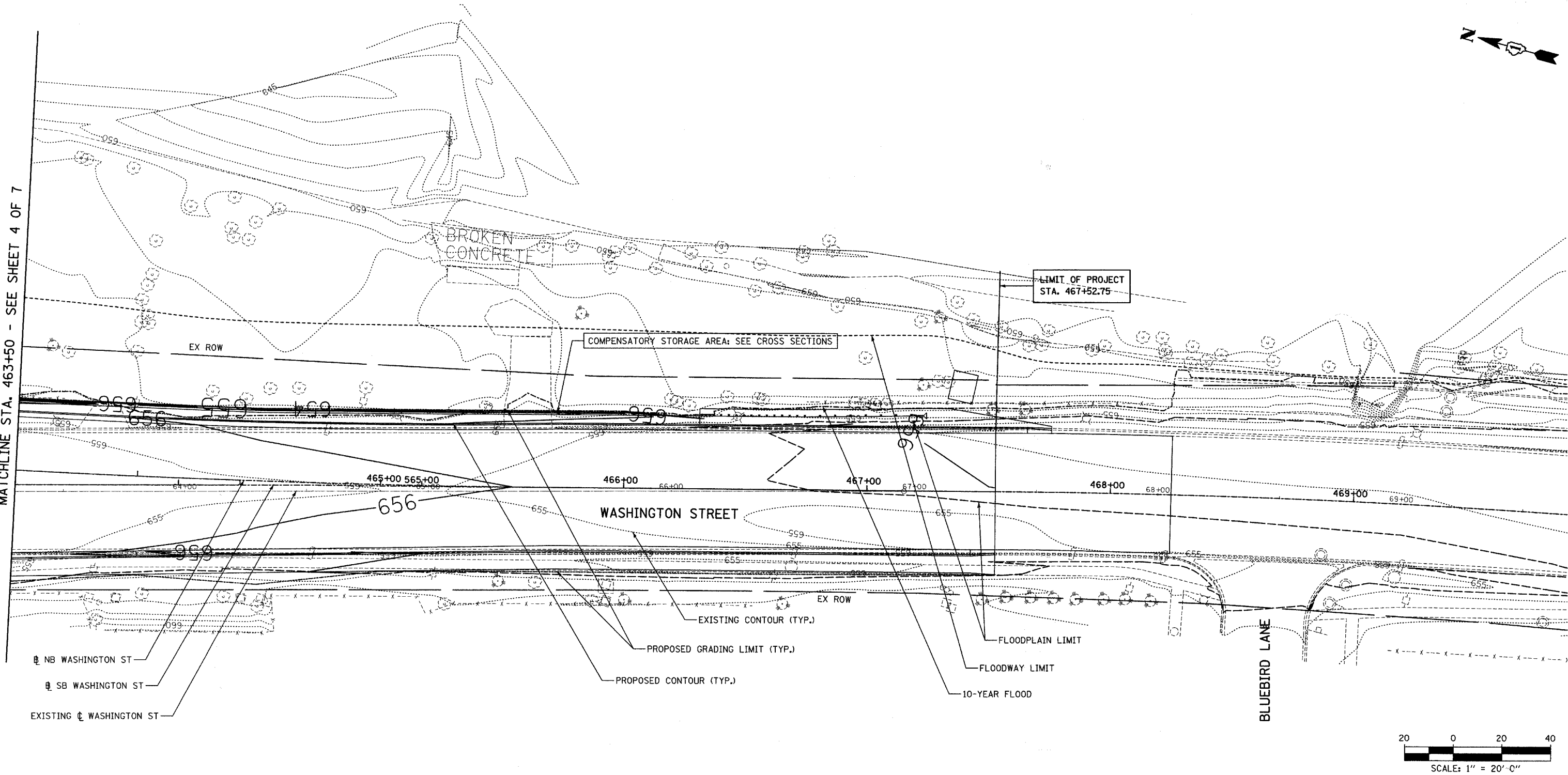
City of  **Naperville**

DRAWN: \_\_\_\_\_ SHEET NO. \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 APPROVED: \_\_\_\_\_  
 DATE: APRIL 11, 2008  
 SCALE: 1" = 20'-0"  
 JOB NO.: P-91-494-00 PROJECT NO.: M-CMM-7003 (985)

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00114-00-PV	DuPAGE	563	155
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 63024				



MATCHLINE STA. 463+50 - SEE SHEET 4 OF 7



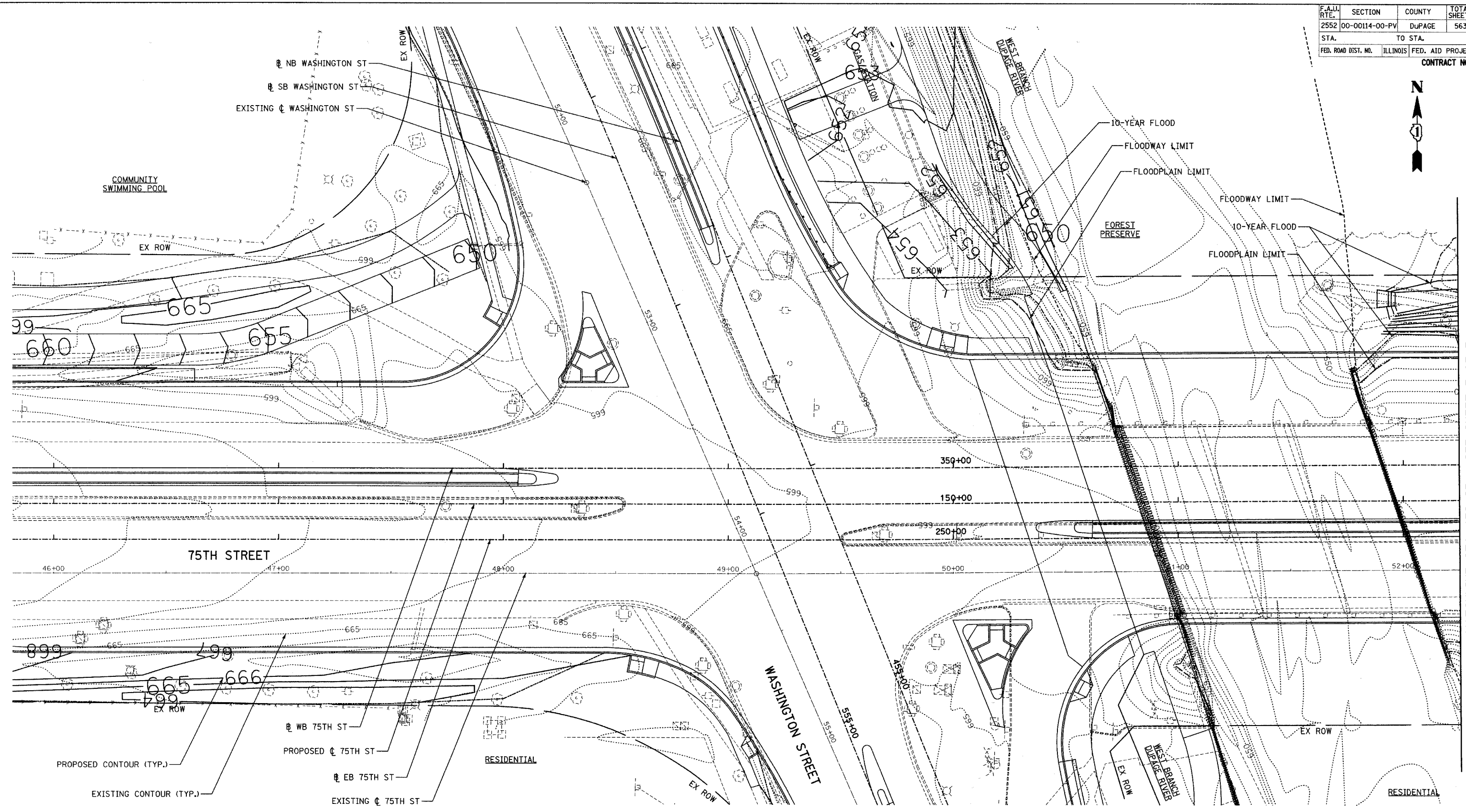
REVISIONS	
NAME	DATE

**INTERSECTION IMPROVEMENT**  
**WASHINGTON STREET - 75th STREET**  
**GRADING PLAN**  
**WASHINGTON STREET**  
 SHEET 5 OF 7  
 STA. 463+50 TO STA. 469+70  
 CONSULTANT  
**TYLIN INTERNATIONAL**

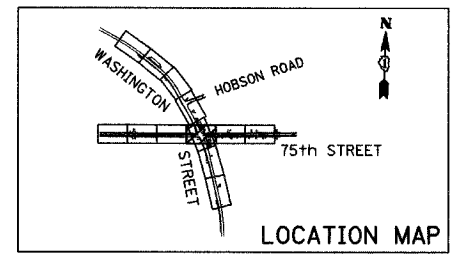
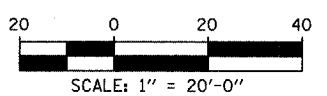
City of **Naperville**

DRAWN:	SHEET NO.
CHECKED:	
APPROVED:	
DATE: APRIL 11, 2008	
SCALE: 1" = 20'-0"	
JOB NO.: P-9I-494-00	PROJECT NO.: M-CMM-7003 (985)

F.A.I.D. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00114-00-PV	DuPAGE	563	156
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 63024				



MATCHLINE STA. 152+25 - SEE SHEET 7 OF 7



REVISIONS	
NAME	DATE

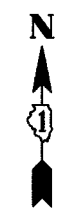
**INTERSECTION IMPROVEMENT**  
**WASHINGTON STREET - 75th STREET**  
**GRADING PLAN**  
**75TH STREET**  
 SHEET 6 OF 7  
 STA. 145+80 TO STA. 152+25  
 CONSULTANT  
**TYLIN INTERNATIONAL**

City of **Naperville**

DRAWN	SHEET NO.
CHECKED	
APPROVED	
DATE: APRIL 11, 2008	
SCALE: 1" = 20'-0"	
JOB NO.: P-91-494-00	PROJECT NO.: M-CMM-7003 (985)

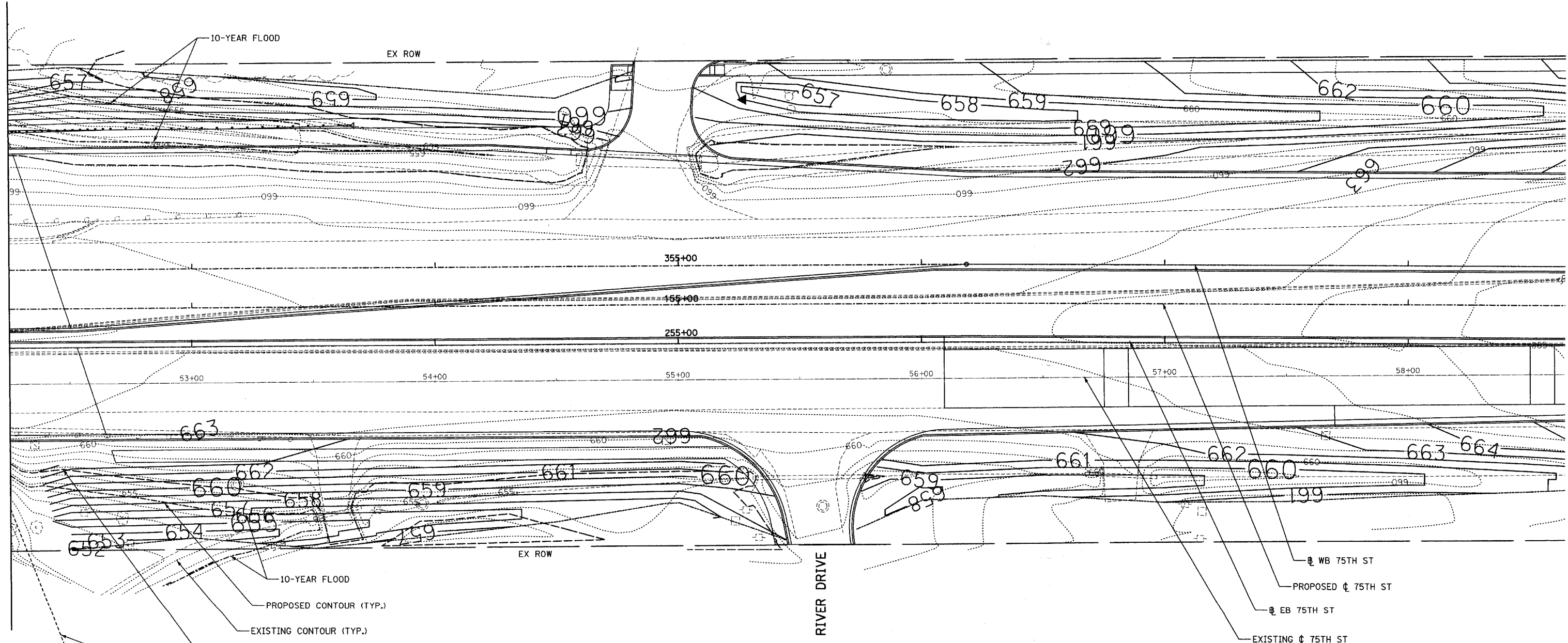
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00114-00-PV	DuPAGE	563	157
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

**CONTRACT NO. 63024**

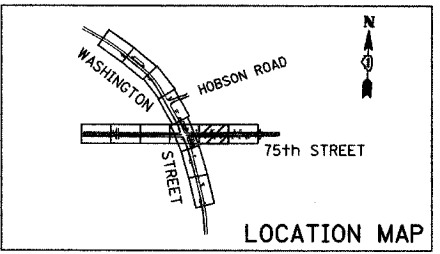
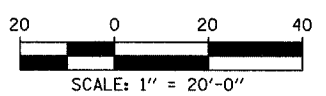


MATCHLINE STA. 152+25 - SEE SHEET 6 OF 7

HEALTH CLUB



- 10-YEAR FLOOD
- PROPOSED CONTOUR (TYP.)
- EXISTING CONTOUR (TYP.)
- FLOODPLAIN LIMIT
- FLOODWAY LIMIT
- RESIDENTIAL



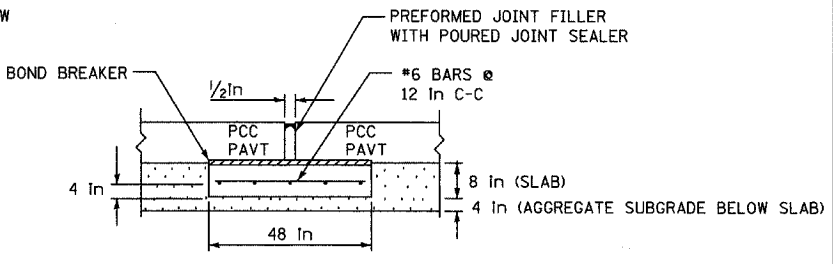
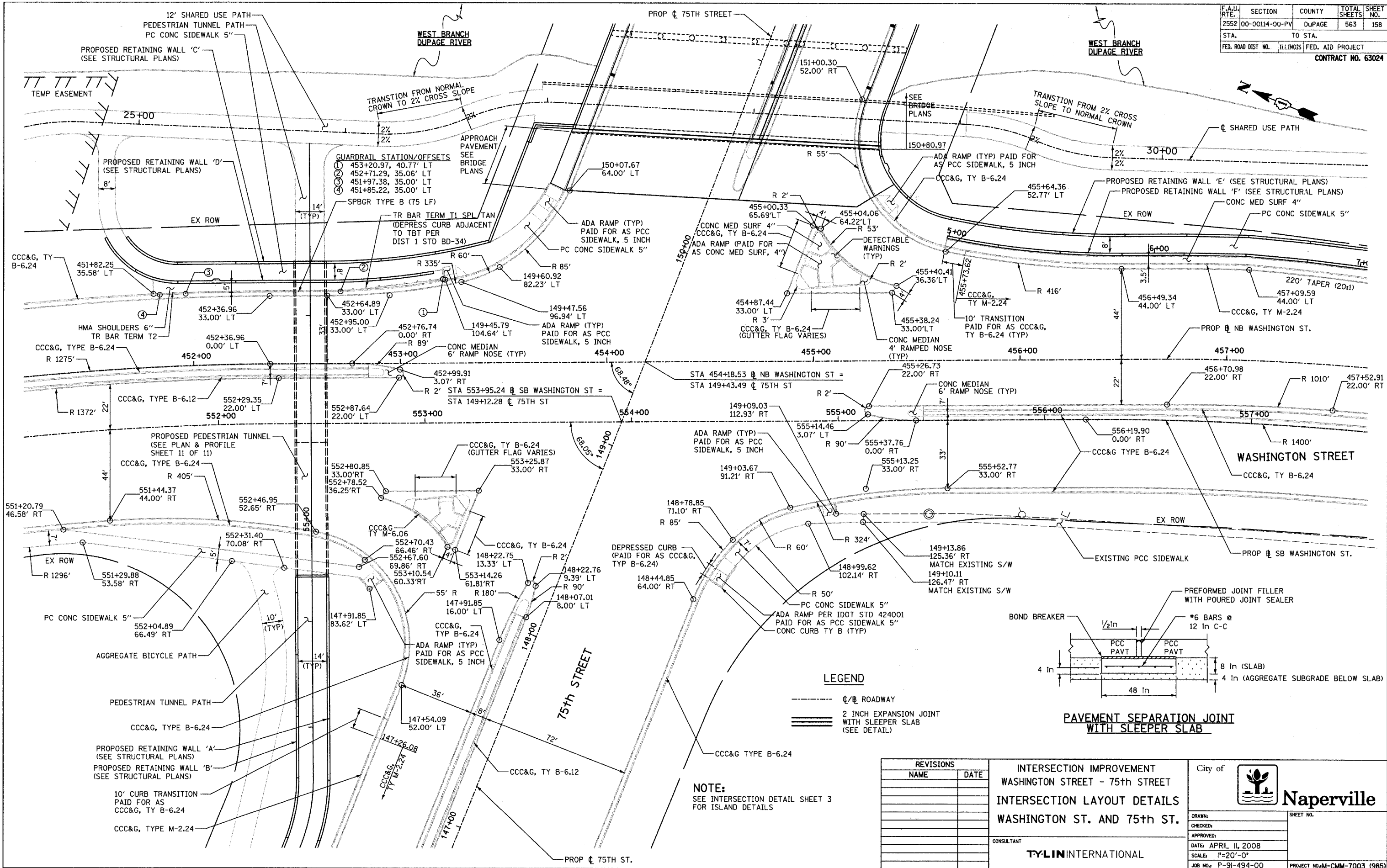
REVISIONS	
NAME	DATE

**INTERSECTION IMPROVEMENT**  
**WASHINGTON STREET - 75th STREET**  
**GRADING PLAN**  
**75th STREET**  
 SHEET 7 OF 7  
 STA. 152+25 TO STA. 158+65  
 CONSULTANT  
**TYLIN INTERNATIONAL**

City of **Naperville**

DRAWN:	SHEET NO.
CHECKED:	
APPROVED:	
DATE: APRIL 11, 2008	
SCALE: 1" = 20'-0"	
JOB NO.: P-91-494-00	PROJECT NO.: M-CMM-7003 (985)

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00114-00-PV	DUPAGE	563	158
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 63024				



**LEGEND**


- C/Ø ROADWAY
- ==== 2 INCH EXPANSION JOINT WITH SLEEPER SLAB (SEE DETAIL)

**NOTE:**  
SEE INTERSECTION DETAIL SHEET 3 FOR ISLAND DETAILS

REVISIONS	
NAME	DATE

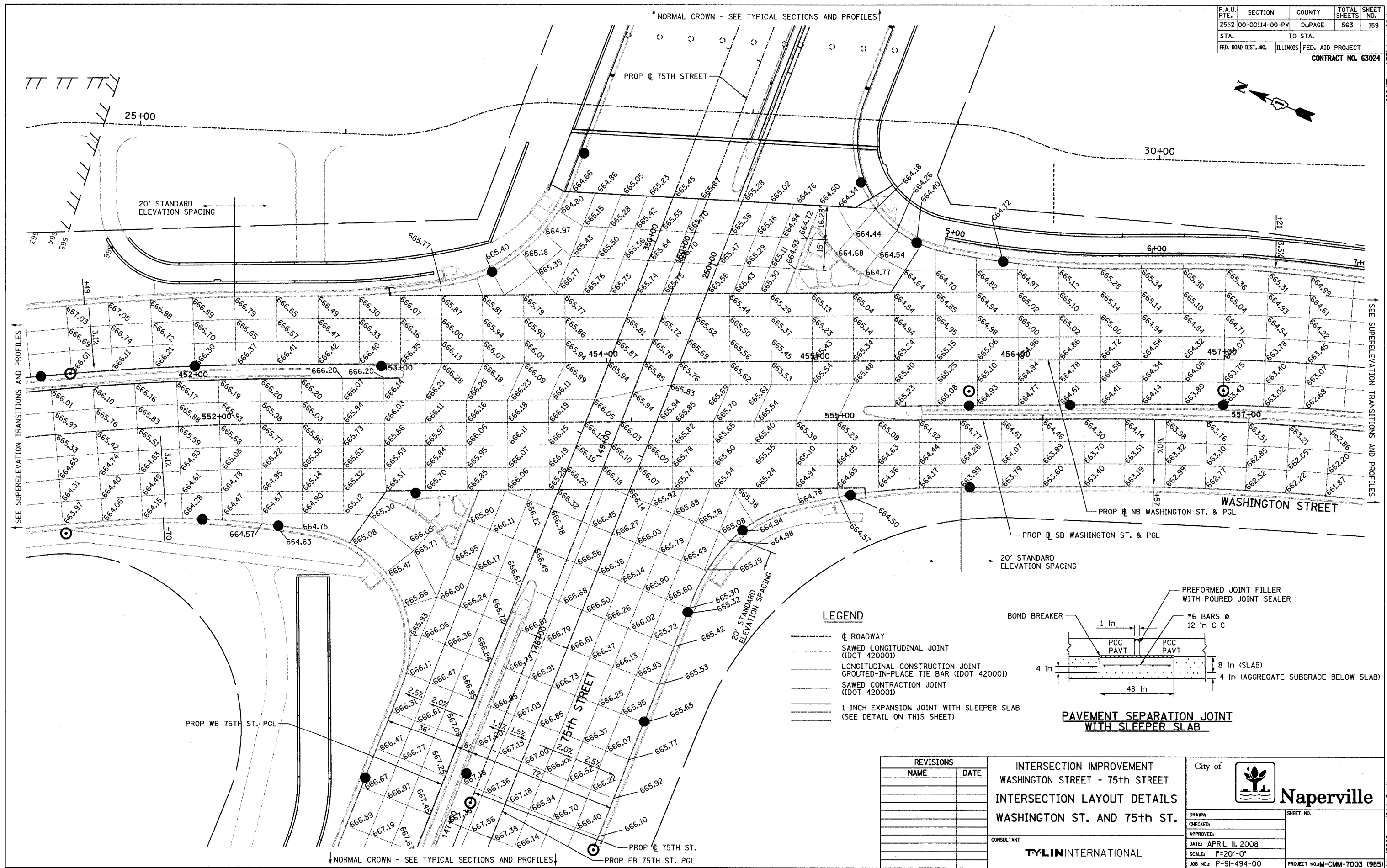
INTERSECTION IMPROVEMENT  
WASHINGTON STREET - 75th STREET  
INTERSECTION LAYOUT DETAILS  
WASHINGTON ST. AND 75th ST.

CONSULTANT  
**TYLIN INTERNATIONAL**

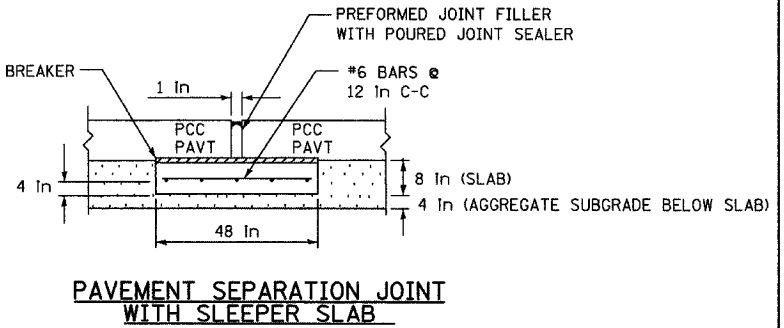
City of  **Naperville**

DRAWN: \_\_\_\_\_ SHEET NO. \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 APPROVED: \_\_\_\_\_  
 DATE: APRIL 11, 2008  
 SCALE: 1"=20'-0"  
 JOB NO.: P-91-494-00 PROJECT NO.: M-CMM-7003 (985)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00114-00-PV	DUPAGE	563	159
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 63024				



- LEGEND**
- ROADWAY
  - SAWED LONGITUDINAL JOINT (IDOT 420001)
  - LONGITUDINAL CONSTRUCTION JOINT
  - GROUTED-IN-PLACE TIE BAR (IDOT 420001)
  - SAWED CONTRACTION JOINT (IDOT 420001)
  - 1 INCH EXPANSION JOINT WITH SLEEPER SLAB (SEE DETAIL ON THIS SHEET)



REVISIONS	
NAME	DATE

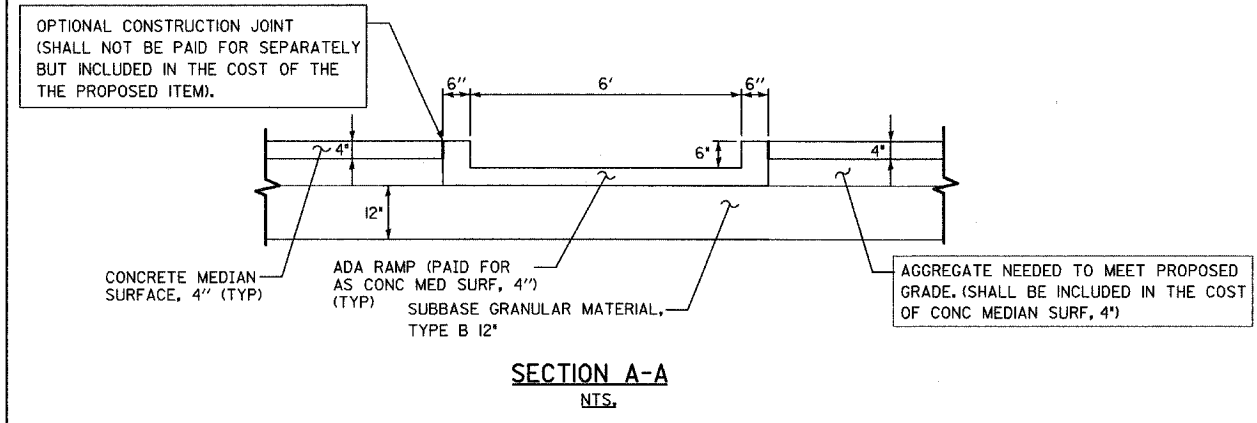
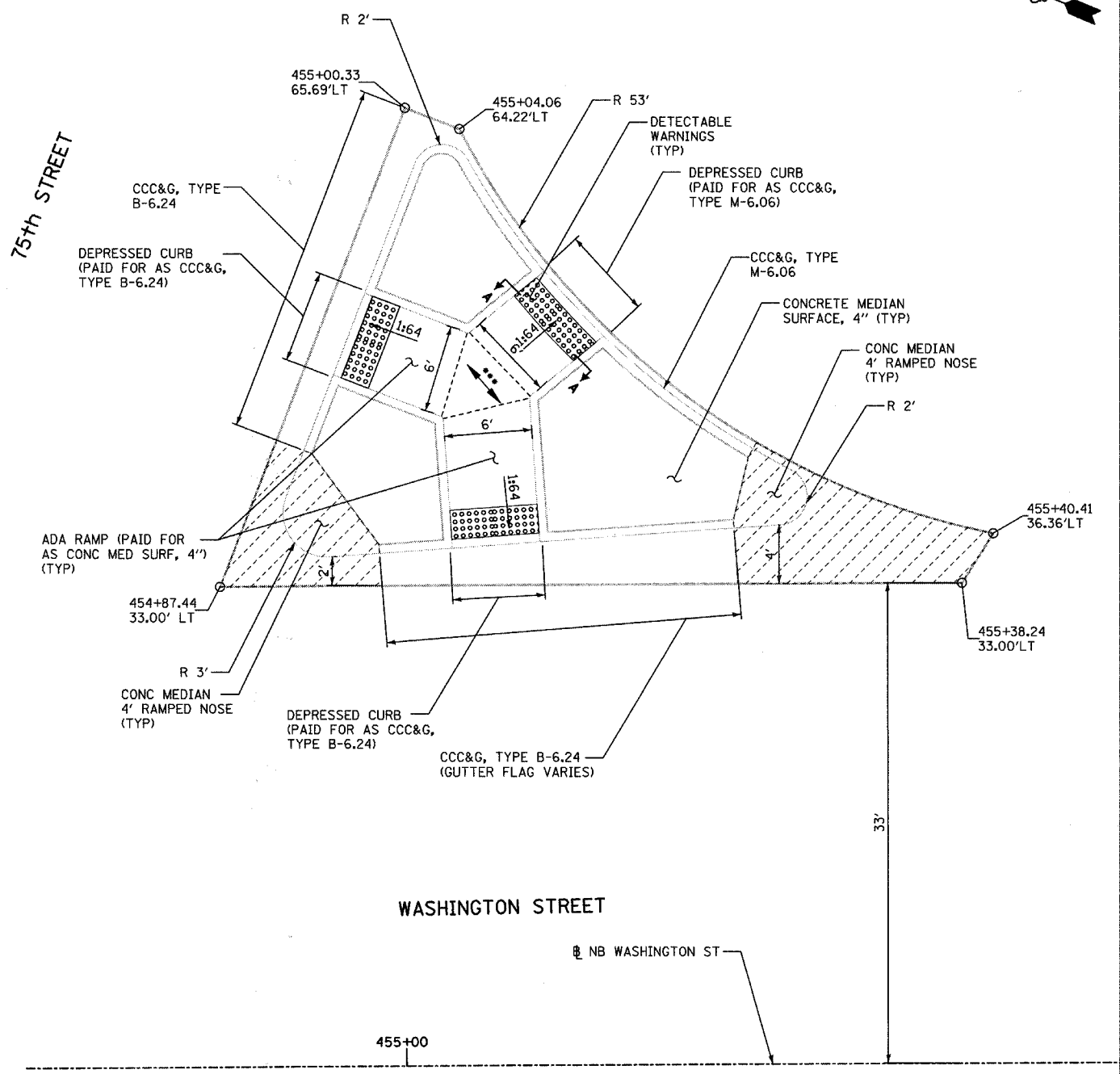
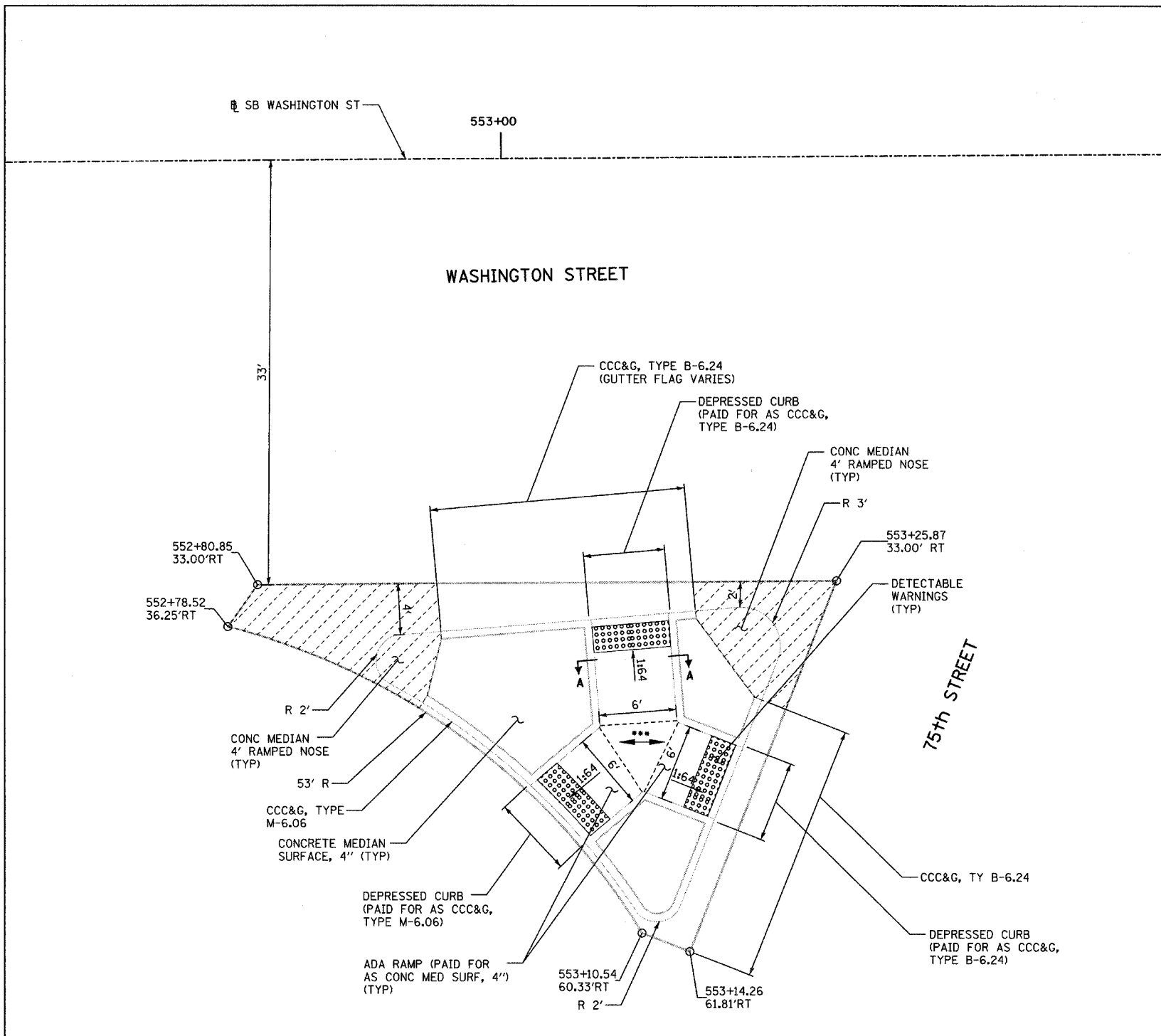
INTERSECTION IMPROVEMENT  
 WASHINGTON STREET - 75th STREET  
 INTERSECTION LAYOUT DETAILS  
 WASHINGTON ST. AND 75th ST.

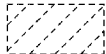
CONSULTANT  
**TYLIN INTERNATIONAL**

City of **Naperville**

DRAWN: \_\_\_\_\_ SHEET NO. \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 APPROVED: \_\_\_\_\_  
 DATE: APRIL 11, 2008  
 SCALE: 1"=20'-0"  
 JOB NO.: P-91-494-00 PROJECT NO.: M-CMM-7003 (985)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00114-00-PV	DUPAGE	563	160
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 63024				




**LEGEND:**  
 CONCRETE MEDIAN (PAY LIMIT PER IDOT STANDARD 606301)

REVISIONS	
NAME	DATE

**INTERSECTION IMPROVEMENT**  
**WASHINGTON STREET - 75th STREET**  
**INTERSECTION LAYOUT DETAILS**  
**TRAFFIC ISLAND DETAILS**  
**WASHINGTON ST. AND 75th ST.**

CONSULTANT  
**TYLIN INTERNATIONAL**

City of  **Naperville**

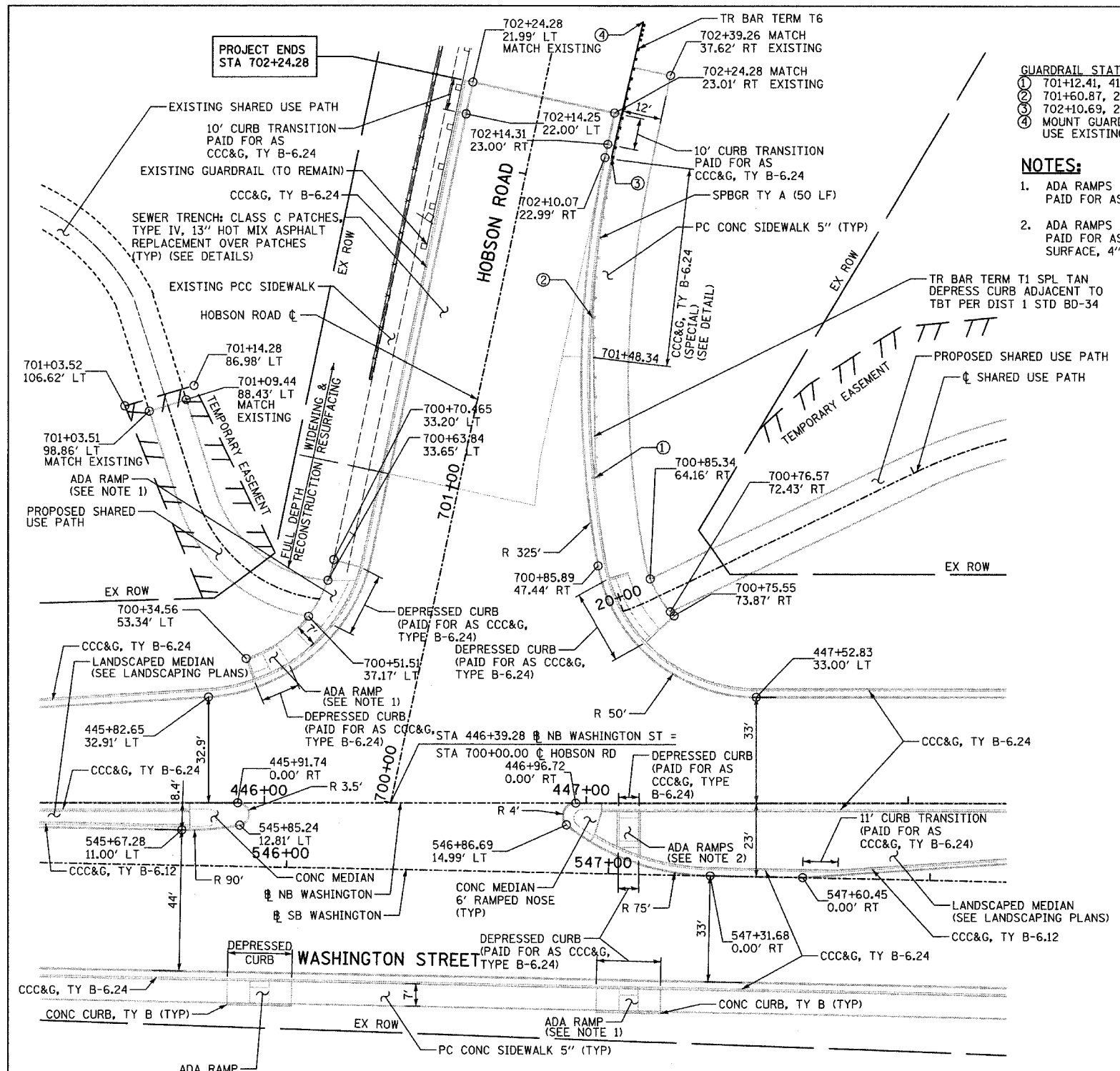
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CHECKED: JPM  
APPROVED:  
DATE: APRIL 11, 2008  
SCALE: 1"=5'-0"  
JOB NO.: P-91-494-00

SHEET NO.  
PROJECT NO.: M-CMM-7003 (985)

4/11/2008 10:45 AM

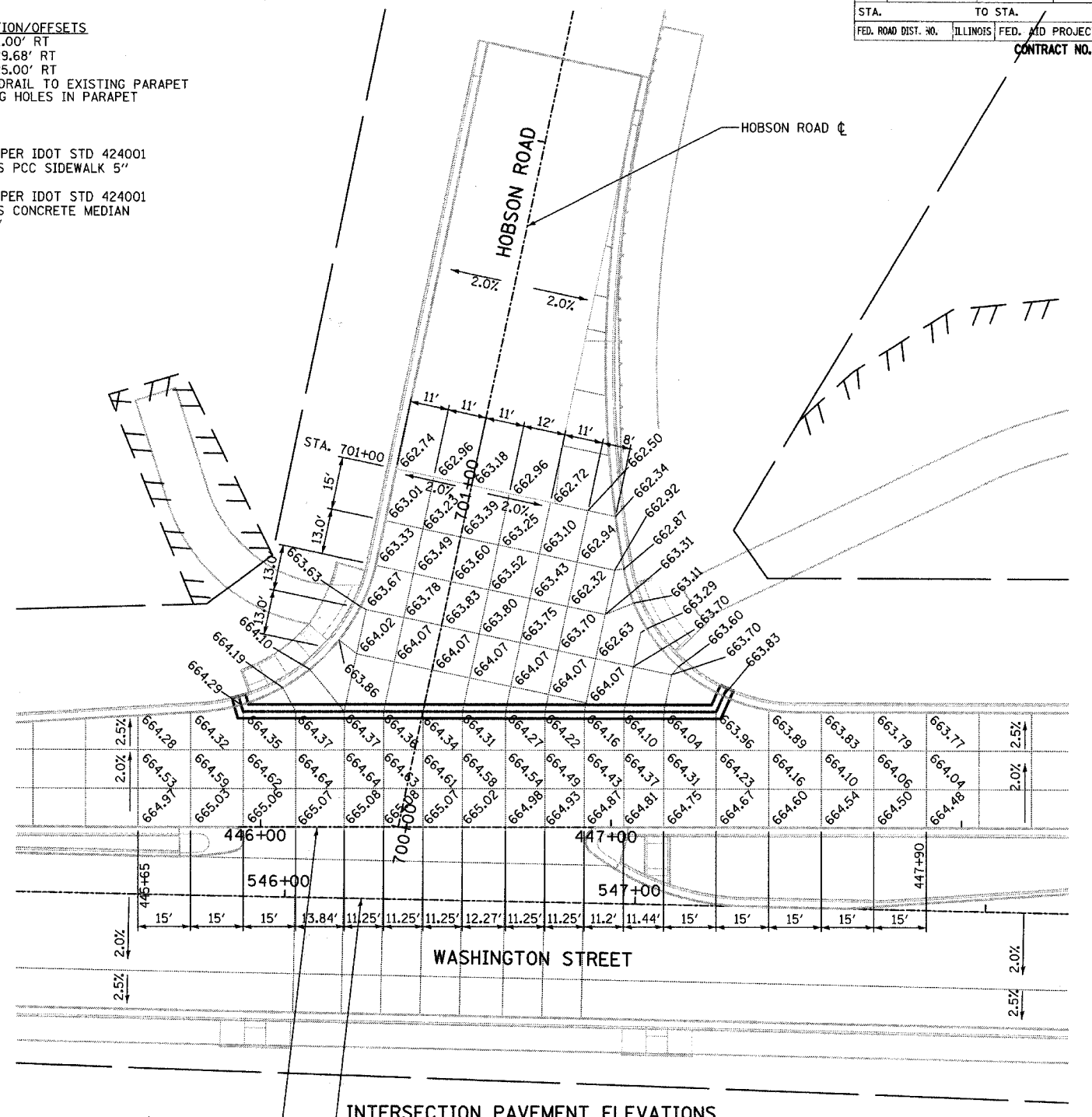
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00114-00-PV	DuPAGE	563	161
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 63024



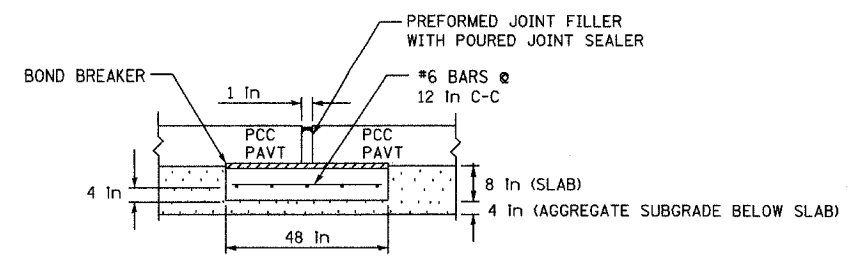
- GUARDRAIL STATION/OFFSETS**
- 701+12.41, 41.00' RT
  - 701+60.87, 29.68' RT
  - 702+10.69, 25.00' RT
  - MOUNT GUARDRAIL TO EXISTING PARAPET USE EXISTING HOLES IN PARAPET

- NOTES:**
- ADA RAMPS PER IDOT STD 424001 PAID FOR AS PCC SIDEWALK 5"
  - ADA RAMPS PER IDOT STD 424001 PAID FOR AS CONCRETE MEDIAN SURFACE, 4"



INTERSECTION PAVEMENT ELEVATIONS

INTERSECTION LAYOUT PLAN



PAVEMENT SEPARATION JOINT WITH SLEEPER SLAB


**LEGEND**

- C ROADWAY
- SAWED LONGITUDINAL JOINT (IDOT 420001)
- LONGITUDINAL CONSTRUCTION JOINT GROUTED-IN-PLACE TIE BAR (IDOT 420001)
- SAWED CONTRACTION JOINT (IDOT 420001)
- 1 INCH EXPANSION JOINT WITH SLEEPER SLAB (SEE DETAIL ON THIS SHEET)

REVISIONS	
NAME	DATE

INTERSECTION IMPROVEMENT  
 WASHINGTON STREET - 75th STREET  
 INTERSECTION LAYOUT DETAILS  
 WASHINGTON ST. AND HOBSON RD.

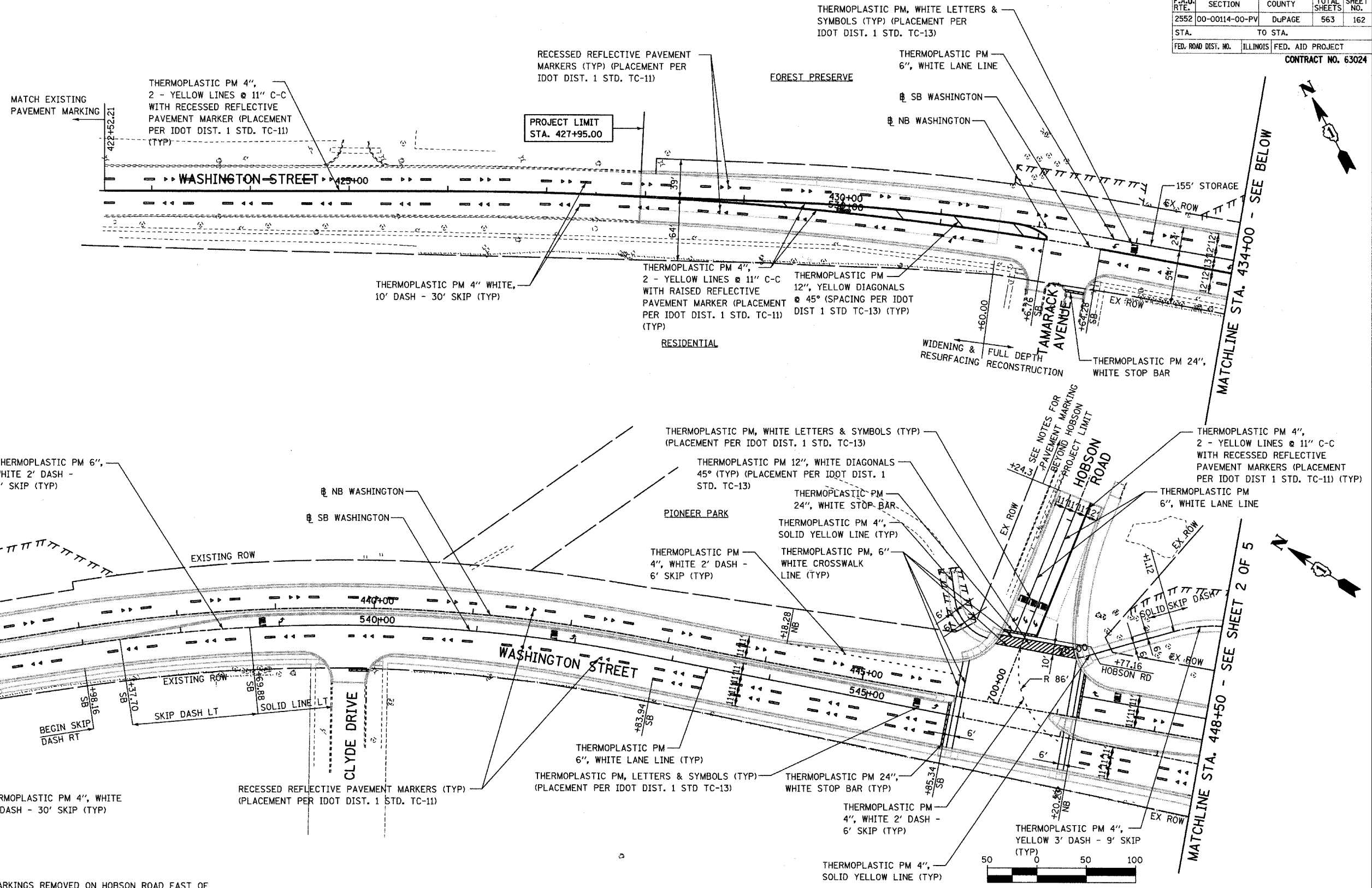
CONSULTANT  
**TYLIN INTERNATIONAL**

City of  **Naperville**

DRAWN: \_\_\_\_\_ SHEET NO. \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 APPROVED: \_\_\_\_\_  
 DATE: APRIL 11, 2008  
 SCALE: 1"=20'-0"  
 JOB NO.: P-91-494-00 PROJECT NO.: M-CMM-7003 (985)

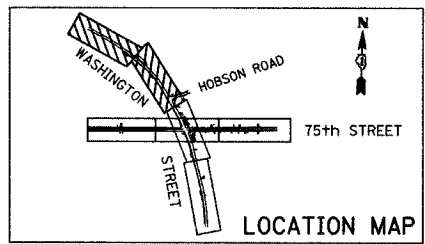


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00114-00-PV	DUPAGE	563	162
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
		CONTRACT NO. 63024		




**NOTES:**

- PAVEMENT MARKINGS REMOVED ON HOBSON ROAD EAST OF STA. 702+24.3 FOR MAINTENANCE OF TRAFFIC SHALL BE REPLACED TO MATCH EXISTING CONDITIONS. FINAL PAVEMENT MARKING LAYOUT SHALL APPROVED BY THE ENGINEER. PAVEMENT MARKINGS ON THE HOBSON ST BRIDGE SHALL BE PREFORMED PLASTIC, TYPE B AND RAISED REFLECTIVE PAVEMENT MARKERS (BRIDGE). ALL OTHER PAVEMENT MARKINGS SHALL BE THERMOPLASTIC AND RECESSED REFLECTIVE PAVEMENT MARKERS.
- PAVEMENT MARKING QUANTITY HAS BEEN PROVIDED TO RESTRIPE HOBSON ROAD FOR APPROXIMATELY 500 FT EAST OF STA. 702+24.3.



REVISIONS	
NAME	DATE

INTERSECTION IMPROVEMENT  
 WASHINGTON STREET - 75th STREET  
 PAVEMENT MARKING PLAN  
 WASHINGTON STREET  
 SHEET 1 OF 5  
 STA. 426+04.578 TO STA. 448+50  
 CONSULTANT  
**TYLIN INTERNATIONAL**

City of  **Naperville**

DRAWN: \_\_\_\_\_ SHEET NO. \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 APPROVED: \_\_\_\_\_  
 DATE: APRIL 11, 2008  
 SCALE: \_\_\_\_\_  
 JOB NO.: P-91-494-00 PROJECT NO.: M-CMM-7003 (985)

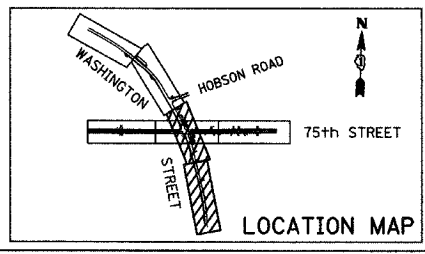
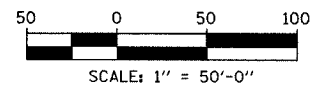
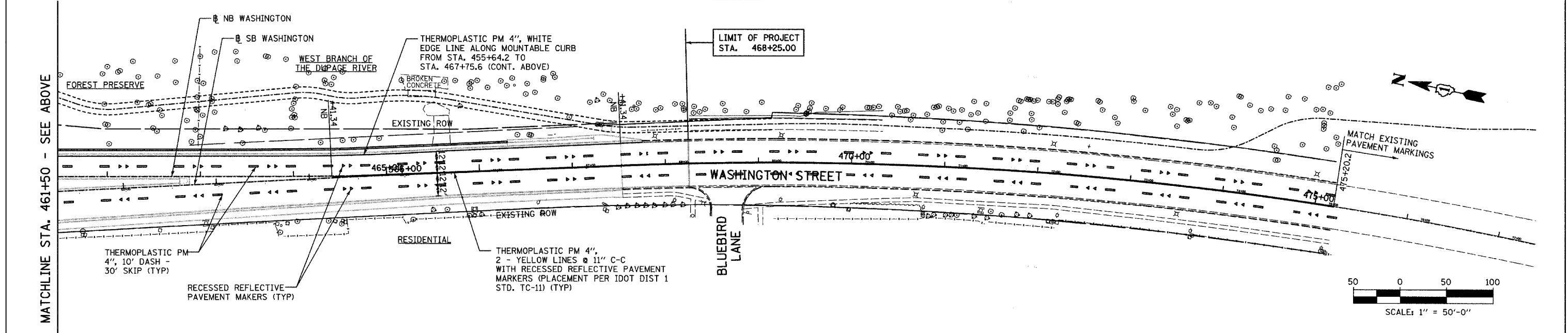
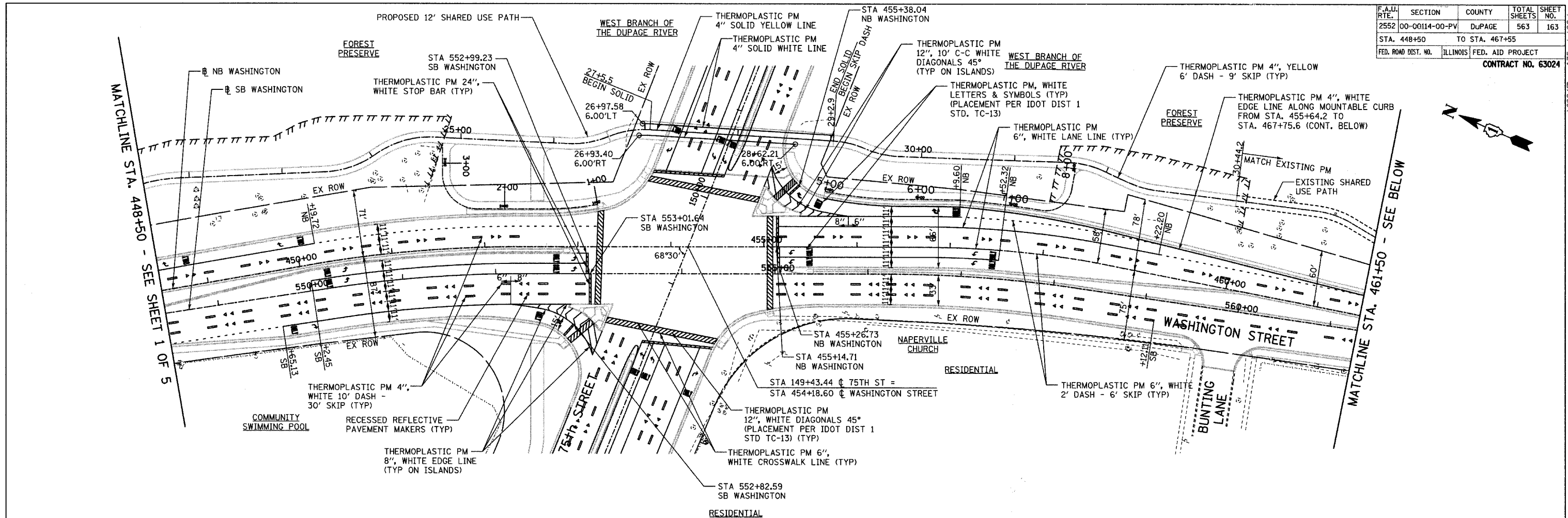
MATCHLINE STA. 434+00 - SEE ABOVE

MATCHLINE STA. 434+00 - SEE BELOW

MATCHLINE STA. 448+50 - SEE SHEET 2 OF 5

4/11/2008 10:45:21 AM

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00114-00-PV	DuPAGE	563	163
STA. 448+50		TO STA. 467+55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 63024				



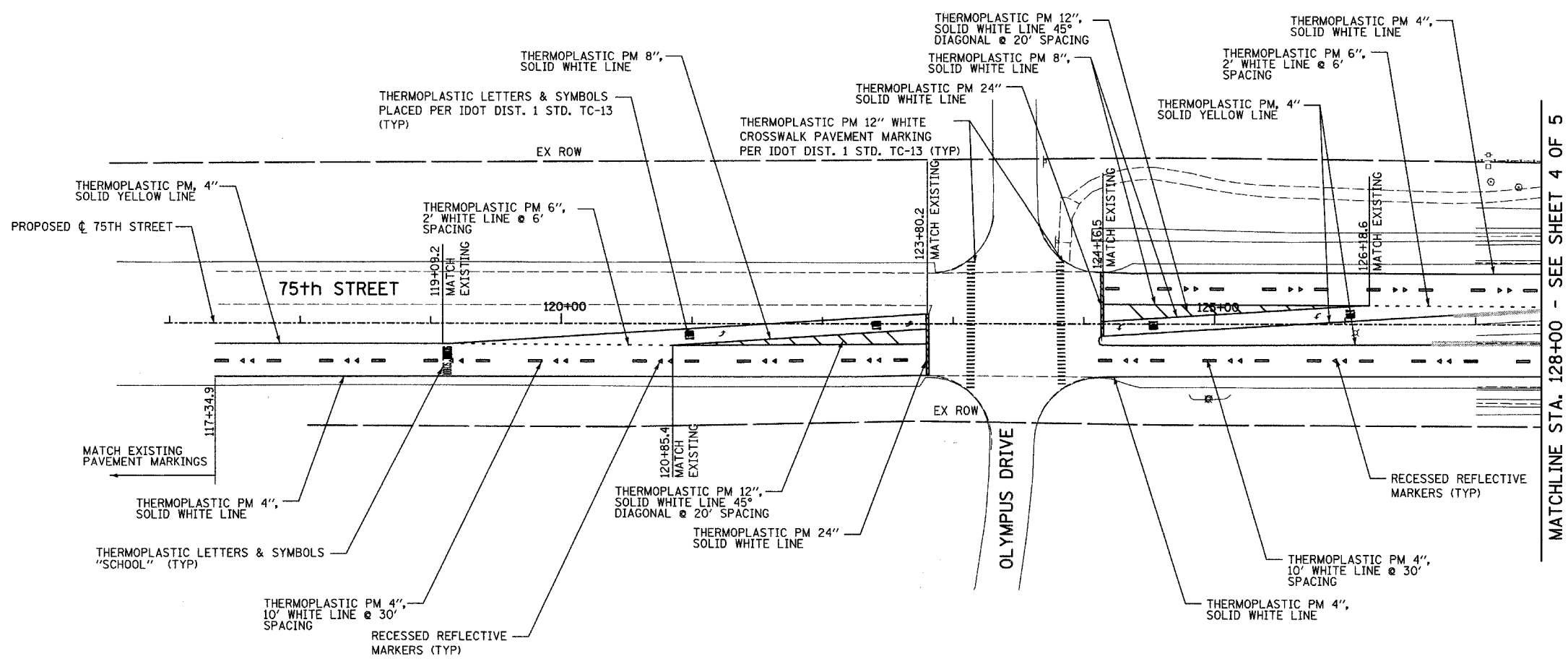
REVISIONS	
NAME	DATE

**INTERSECTION IMPROVEMENT**  
**WASHINGTON STREET - 75th STREET**  
**PAVEMENT MARKING PLAN**  
**WASHINGTON STREET**  
 SHEET 2 OF 5  
 STA. 448+50 TO STA. 475+20  
 CONSULTANT  
**TYLIN INTERNATIONAL**

City of **Naperville**

DRAWN:	SHEET NO.
CHECKED:	
APPROVED:	
DATE: APRIL 11, 2008	
SCALE:	
JOB NO.: P-91-494-00	PROJECT NO.: M-CMM-7003 (985)

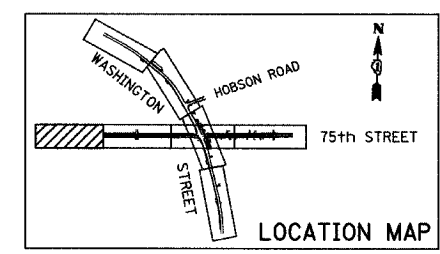
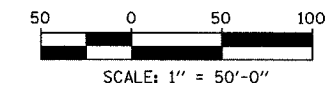
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00114-00-PV	DuPAGE	563	164
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 63024				



MATCHLINE STA. 128+00 - SEE SHEET 4 OF 5



**NOTE:**  
CONTRACTOR SHALL MATCH EXISTING PAVEMENT MARKING LOCATION FOR ALL MARKINGS DEPICTED ON THIS SHEET.



REVISIONS	
NAME	DATE

**INTERSECTION IMPROVEMENT  
WASHINGTON STREET - 75th STREET  
PAVEMENT MARKING PLAN  
75th STREET  
SHEET 3 OF 5  
STA. 117+00 TO STA. 128+00**

CONSULTANT  
**TYLIN INTERNATIONAL**

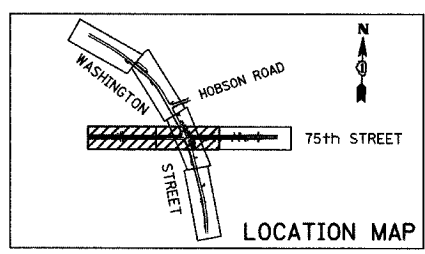
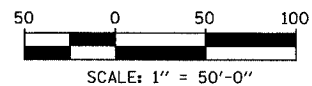
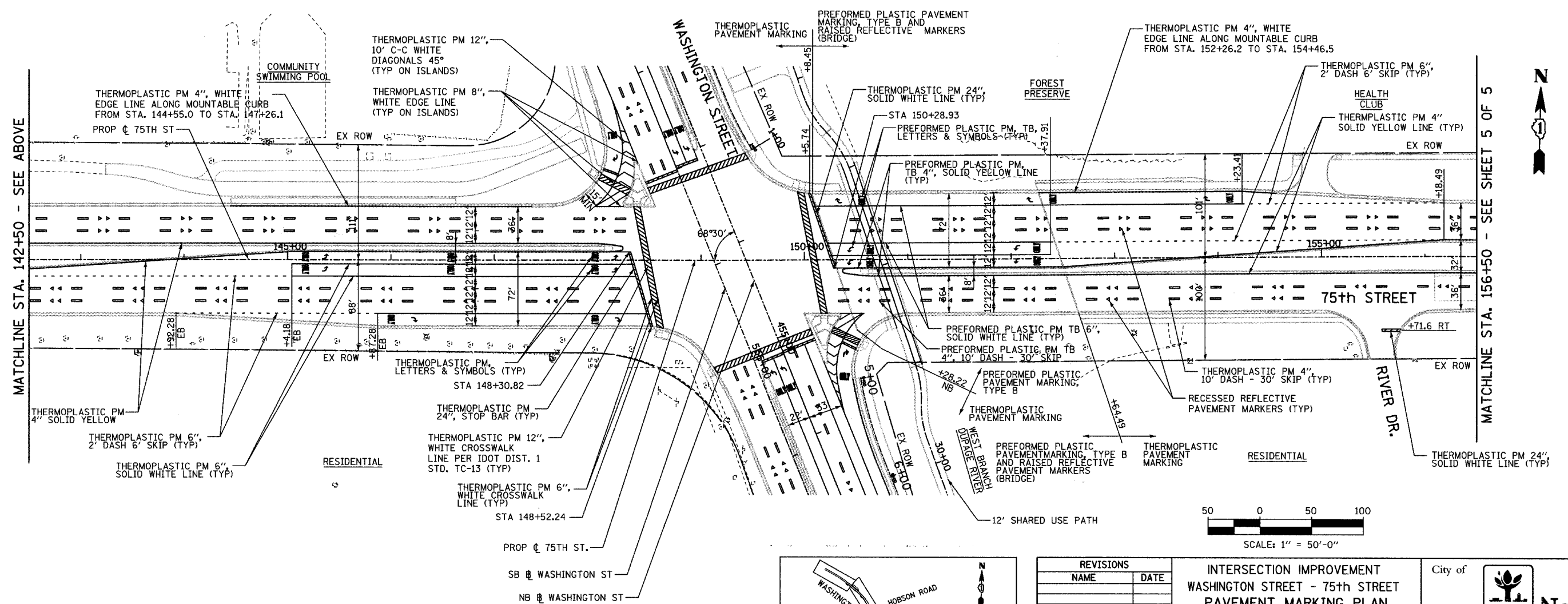
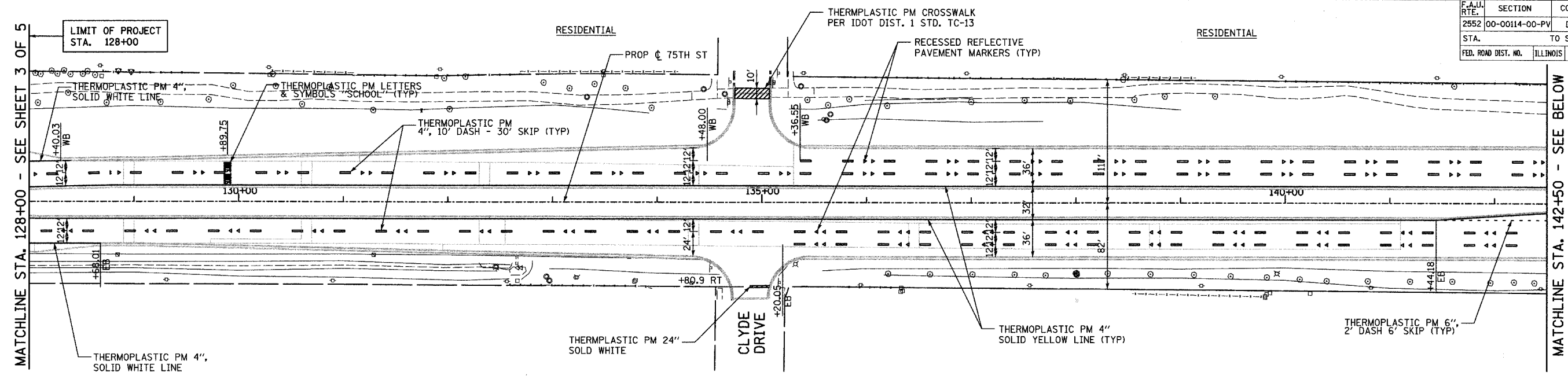
City of **Naperville**

DRAWN:	SHEET NO.
CHECKED:	
APPROVED:	
DATE: APRIL 11, 2008	
SCALE:	
JOB NO.: P-91-494-00	PROJECT NO.: M-CMM-7003 (985)

PL602417.dwg 10/13/07 10:45:56 AM


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00114-00-PV	DUPAGE	563	165
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 63024



REVISIONS	
NAME	DATE

INTERSECTION IMPROVEMENT  
 WASHINGTON STREET - 75th STREET  
 PAVEMENT MARKING PLAN  
 75th STREET  
 SHEET 4 OF 5  
 STA. 128+00 TO STA. 156+50  
 CONSULTANT  
**TYLIN INTERNATIONAL**

City of  **Naperville**

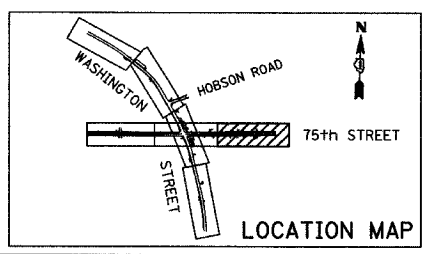
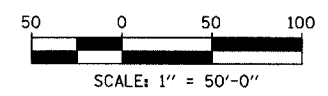
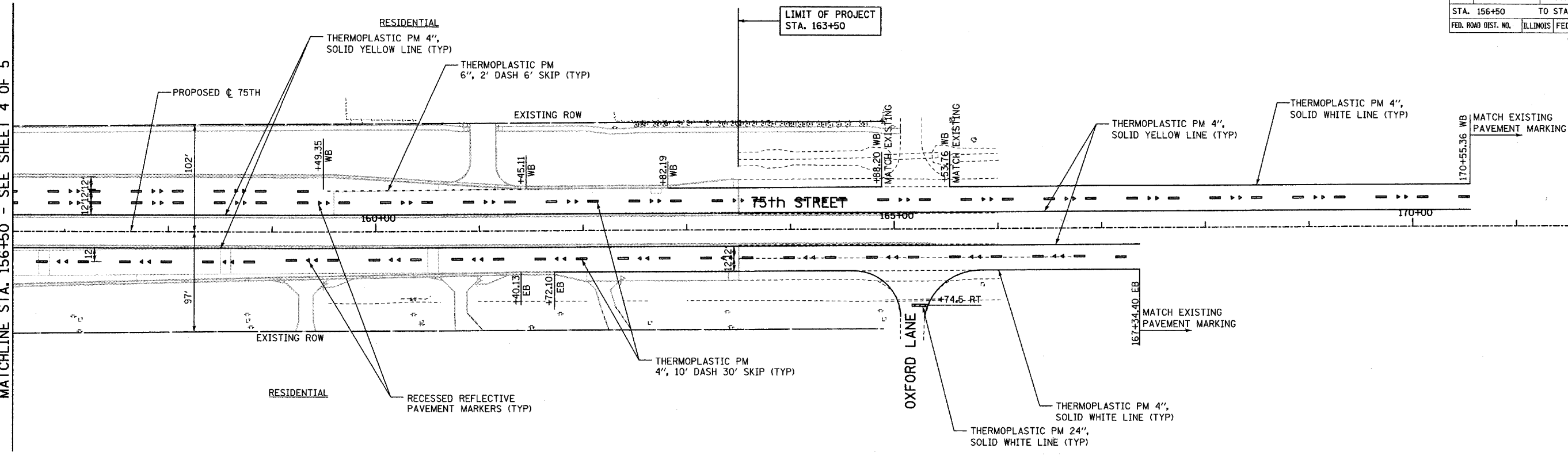
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 APPROVED: \_\_\_\_\_  
 DATE: APRIL 11, 2008  
 SCALE: \_\_\_\_\_  
 JOB NO.: P-91-494-00 PROJECT NO.: M-CMM-7003 (985)

4/11/2008 10:45:51 AM

F.A.B. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00114-00-PV	DuPAGE	563	166
STA. 156+50	TO STA. EOP			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 63024				



MATCHLINE STA. 156+50 - SEE SHEET 4 OF 5



REVISIONS	
NAME	DATE

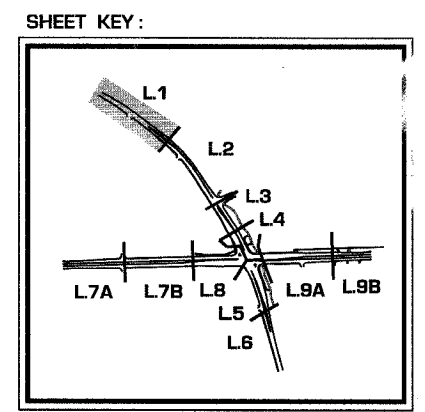
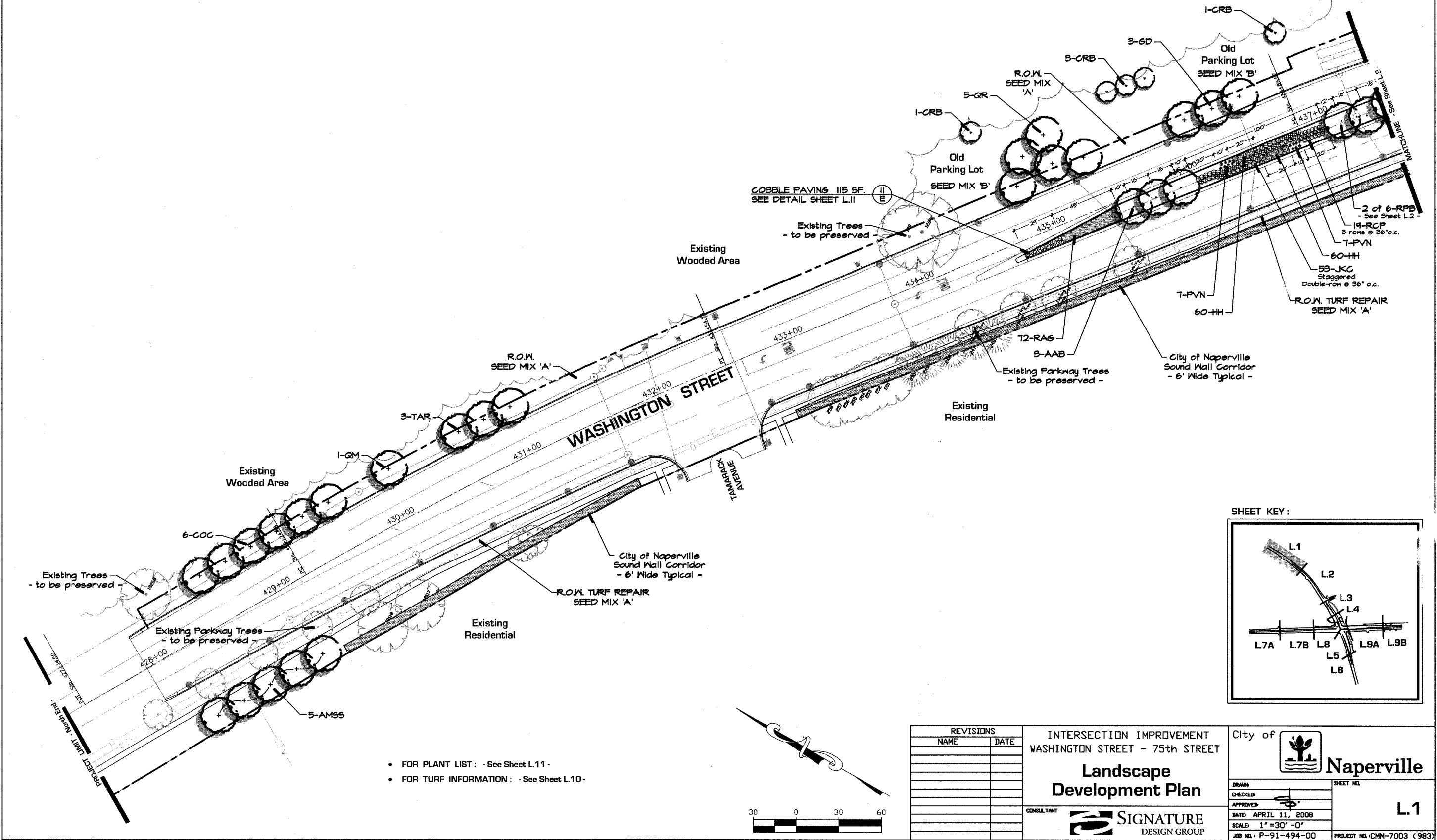
**INTERSECTION IMPROVEMENT**  
**WASHINGTON STREET - 75th STREET**  
**PAVEMENT MARKING PLAN**  
**75th STREET**  
 SHEET 5 OF 5  
 STA. 156+50 TO EOP  
 CONSULTANT  
**TYLIN INTERNATIONAL**

City of **Naperville**

DRAWN:	SHEET NO.:
CHECKED:	
APPROVED:	
DATE: APRIL 11, 2008	
SCALE:	
JOB NO. P-91-494-00	PROJECT NO. M-CMM-7003 (985)

4/11/2008 10:44:59 AM

F.A.U. NO.	SECTION	COUNTY	TOTAL SHEET NO.
2552-00-00114-00-PV	DUPAGE	563	167
STA.	TO STA.		
FED. ROAD NO.	ILLINOIS FED. AID PROJECT		




- FOR PLANT LIST : - See Sheet L.11 -
- FOR TURF INFORMATION : - See Sheet L.10 -

REVISIONS	
NAME	DATE

INTERSECTION IMPROVEMENT  
WASHINGTON STREET - 75th STREET

**Landscape  
Development Plan**

CONSULTANT  
**SIGNATURE  
DESIGN GROUP**

City of  **Naperville**

DRAWN: \_\_\_\_\_ SHEET NO. **L.1**

CHECKED: \_\_\_\_\_

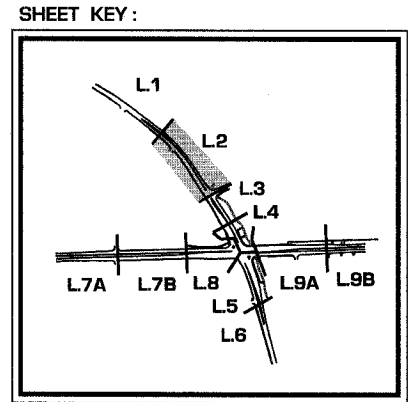
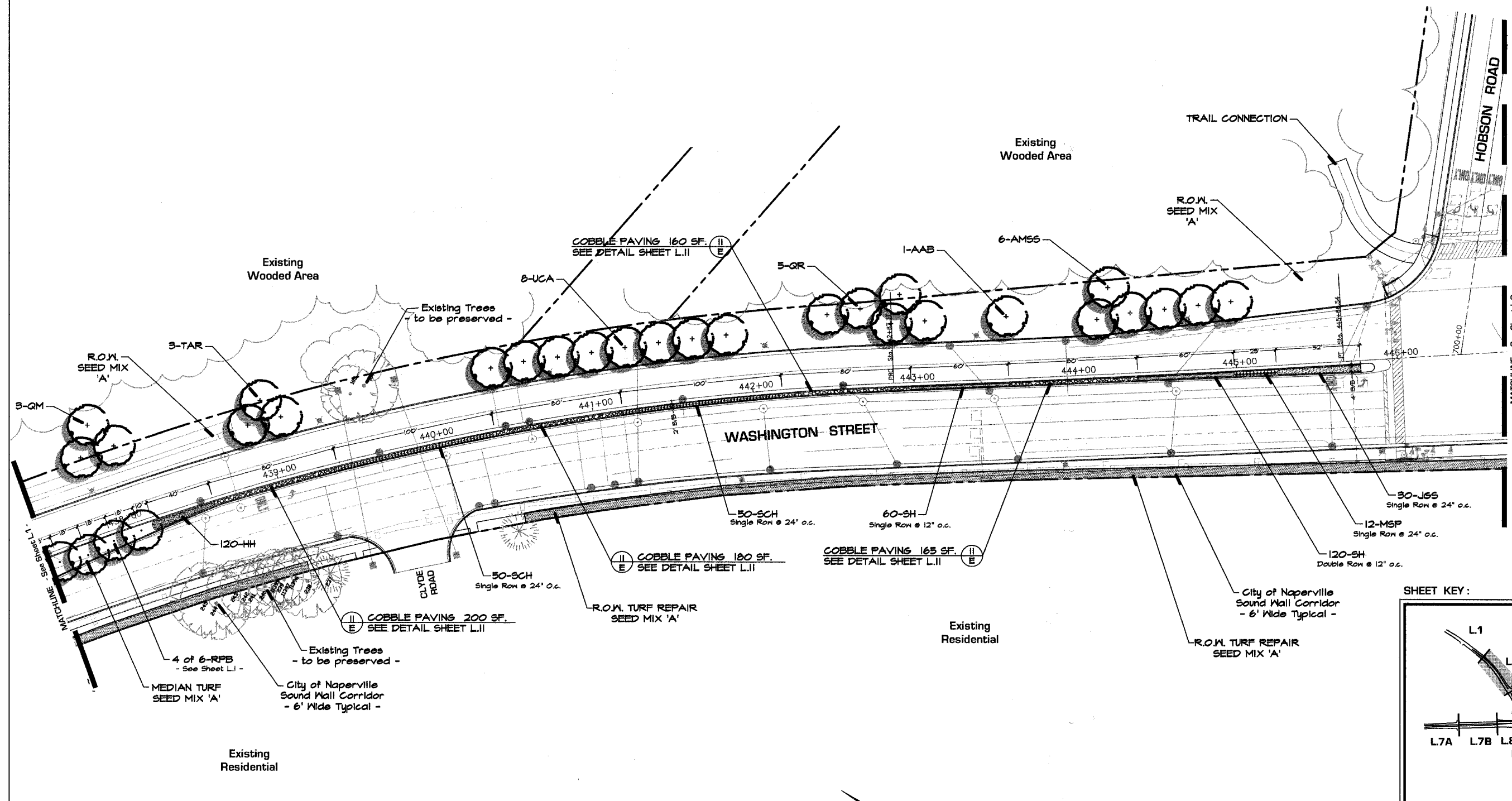
APPROVED: \_\_\_\_\_

DATE: APRIL 11, 2008

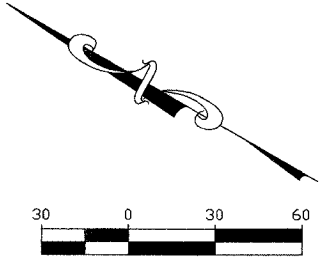
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JOB NO.: P-91-494-00 PROJECT NO.: CHM-7003 (983)

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552 00-00114-00-PV	DUPAGE	ILLINOIS	563	168
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



- FOR PLANT LIST: - See Sheet L.11 -
- FOR TURF INFORMATION: - See Sheet L.10 -




REVISIONS	
NAME	DATE

INTERSECTION IMPROVEMENT  
WASHINGTON STREET - 75th STREET

### Landscape Development Plan

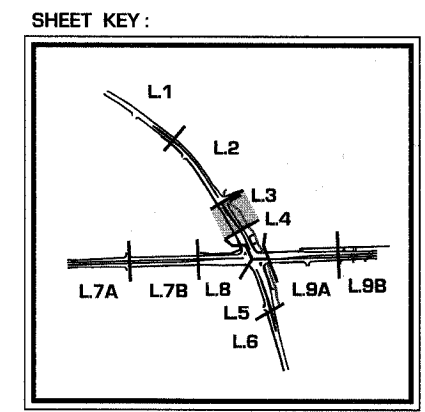
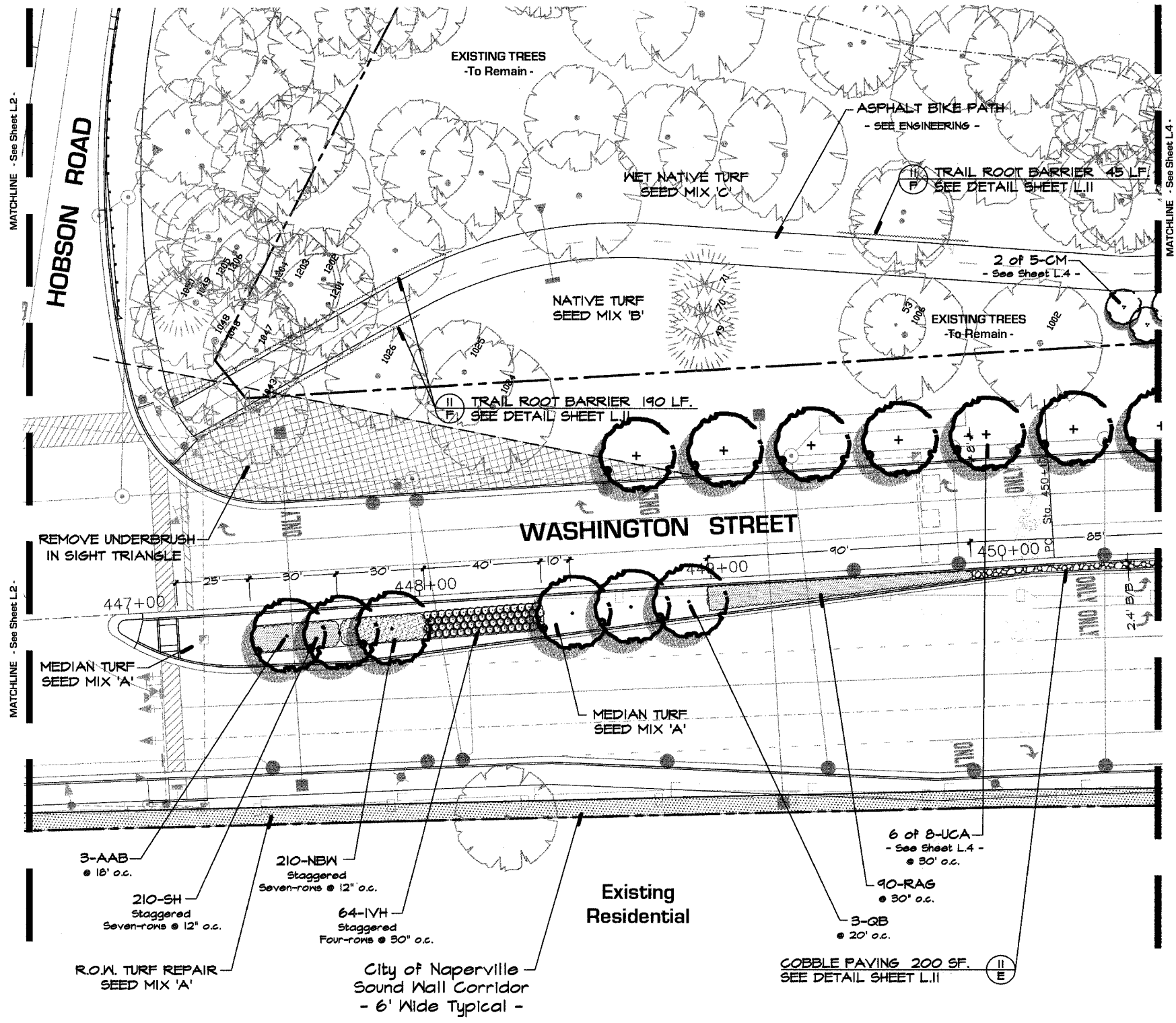
CONSULTANT  
**SIGNATURE DESIGN GROUP**

City of  **Naperville**

DATE: APRIL 11, 2008  
SCALE: 1"=30'-0"  
JOB NO.: P-91-494-00

SHEET NO.  
**L2**

PROJECT NO.: CMM-7003 (983)



REVISIONS	
NAME	DATE

INTERSECTION IMPROVEMENT  
WASHINGTON STREET - 75th STREET

City of  **Naperville**

DRAWN	SHEET NO.
CHECKED	<b>L3</b>
APPROVED	
DATE	PROJECT NO. CMM-7003 (983)
SCALE: 1"=20'-0"	
JOB NO. P-91-494-00	

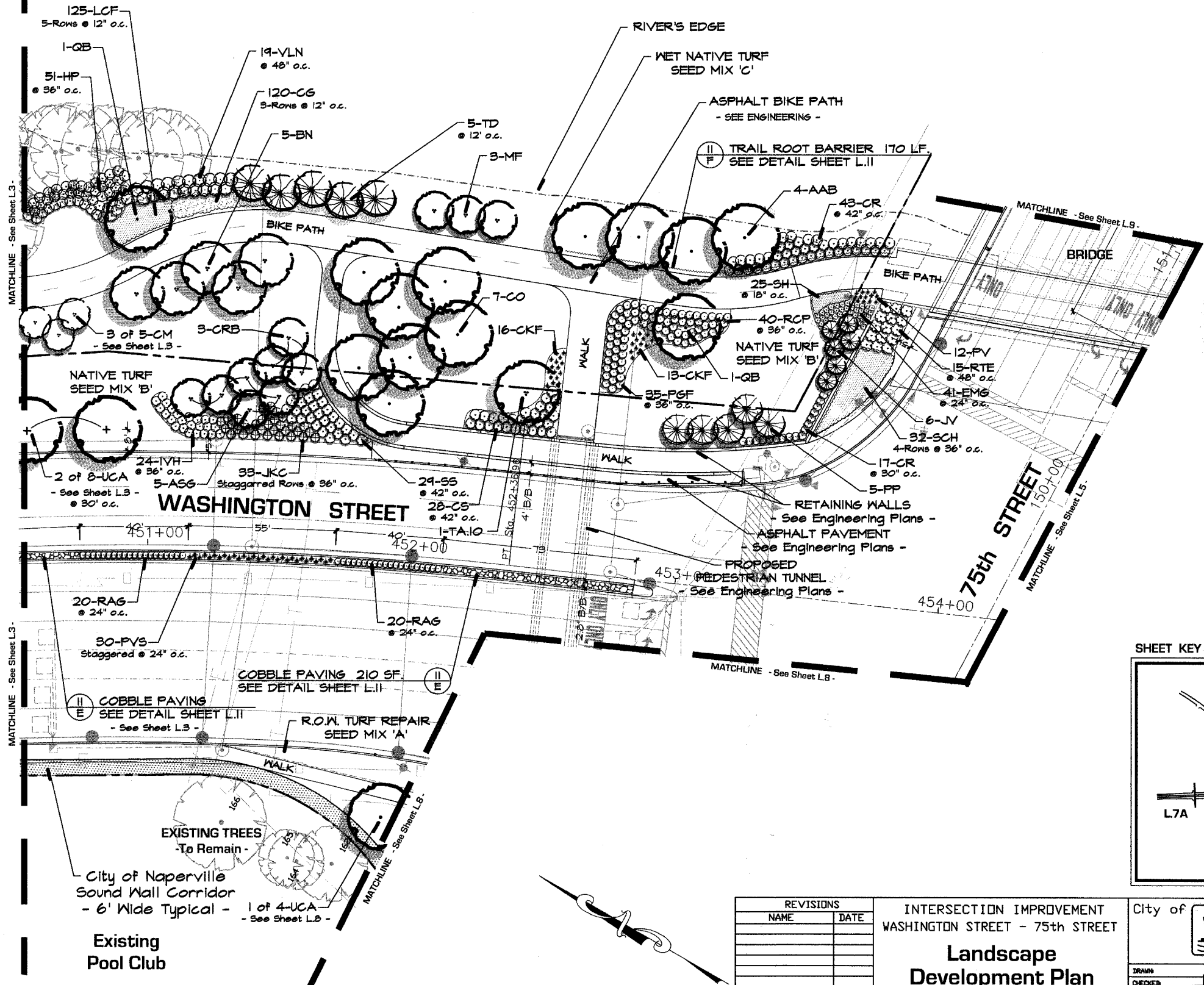
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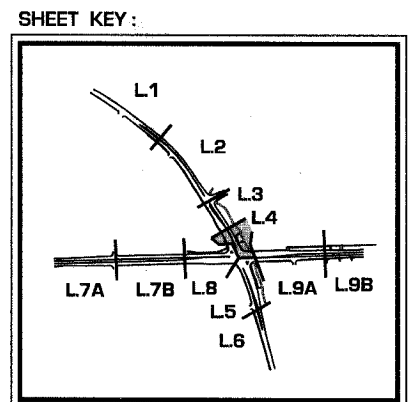


FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	-00114-00-PV	DuPAGE	563	170
STA.	TO STA.			
FEB. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

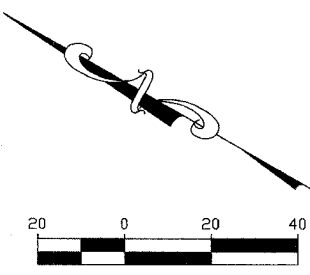
West Branch of DuPage River



- FOR PLANT LIST : - See Sheet L.11 -
- FOR TURF INFORMATION : - See Sheet L.10 -



Existing Pool Club  
 City of Naperville  
 Sound Wall Corridor  
 - 6' Wide Typical -



REVISIONS	
NAME	DATE

INTERSECTION IMPROVEMENT  
 WASHINGTON STREET - 75th STREET

**Landscape  
 Development Plan**

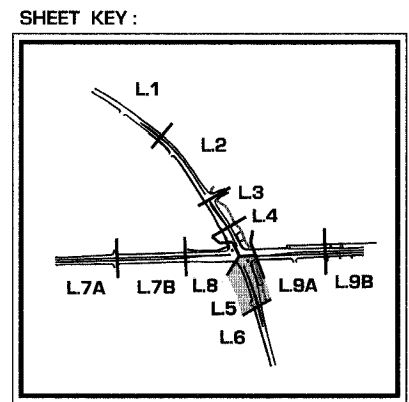
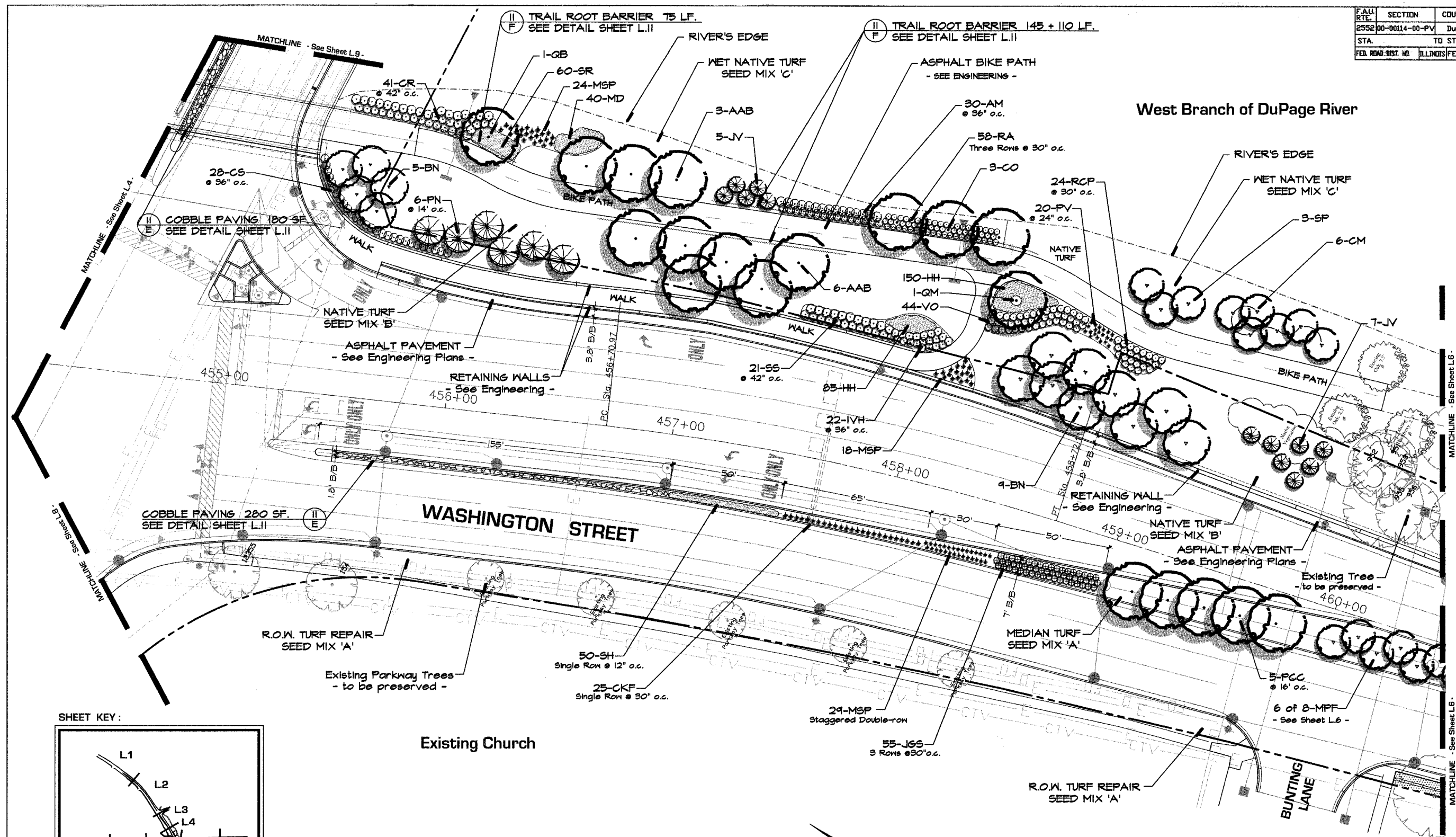
CONSULTANT  
 SIGNATURE  
 DESIGN GROUP

City of **Naperville**

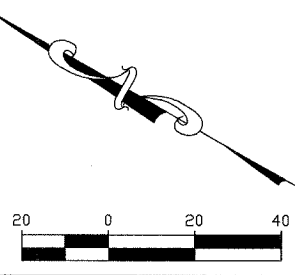
DRAWN: SHEET NO.  
 CHECKED:   
 APPROVED:   
 DATE: APRIL 11, 2008  
 SCALE: 1"=20'-0"  
 JOB NO.: P-91-494-00 PROJECT NO.: CMM-7003 (983)

**L4**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEET SHEETS NO.
2552	00-00114-00-PV	DUPAGE	563 171
STA.	TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	



- FOR PLANT LIST: - See Sheet L.11 -
- FOR TURF INFORMATION: - See Sheet L.10 -



REVISIONS	
NAME	DATE

INTERSECTION IMPROVEMENT  
WASHINGTON STREET - 75th STREET

### Landscape Development Plan

CONSULTANT **SIGNATURE DESIGN GROUP**

City of **Naperville**

DRAMA: \_\_\_\_\_ SHEET NO. **L5**

CHECKED: \_\_\_\_\_

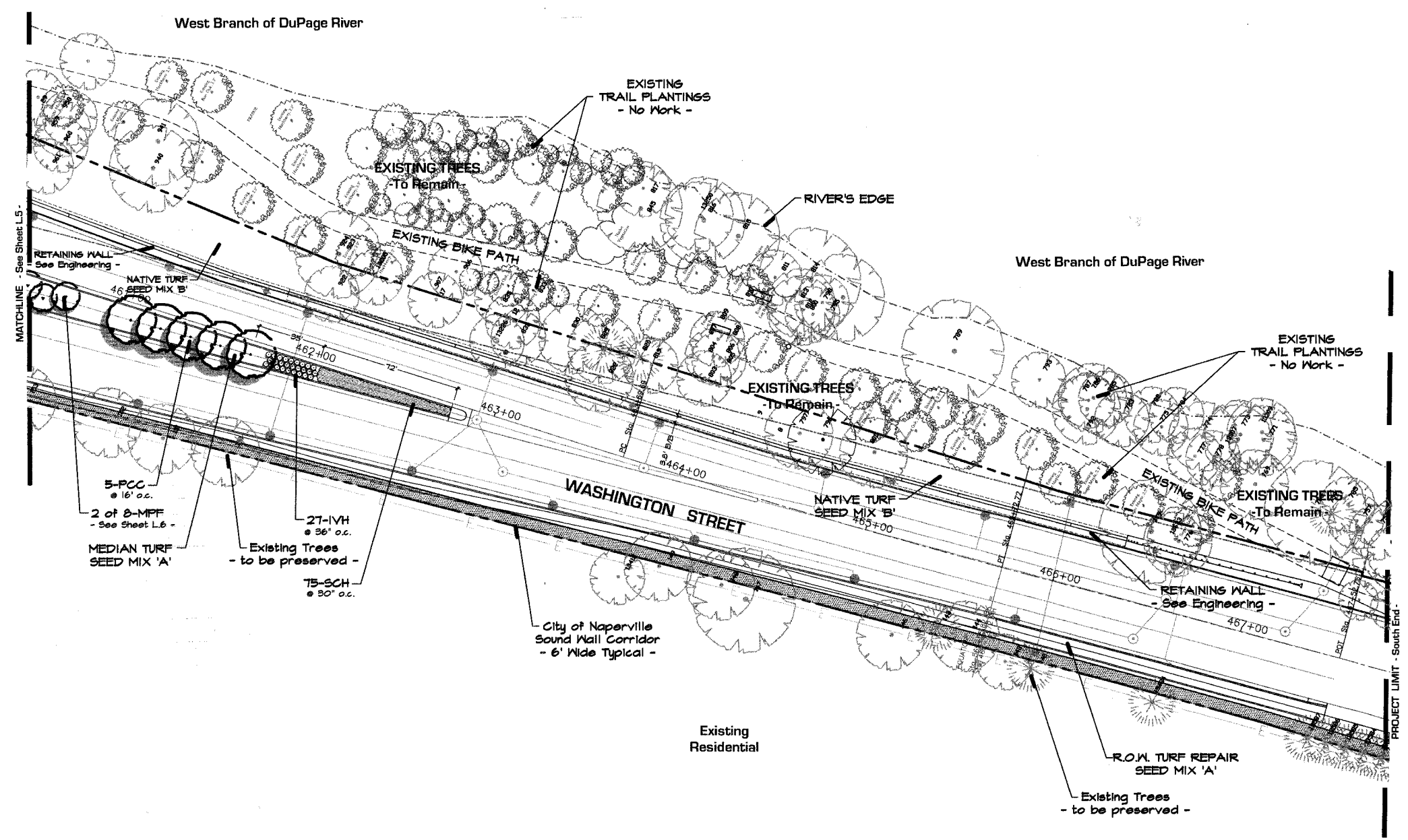
APPROVED: \_\_\_\_\_

DATE: APRIL 11, 2008

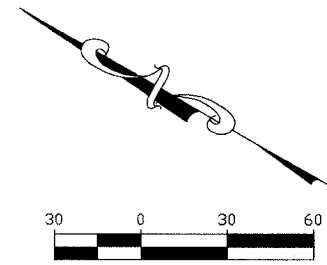
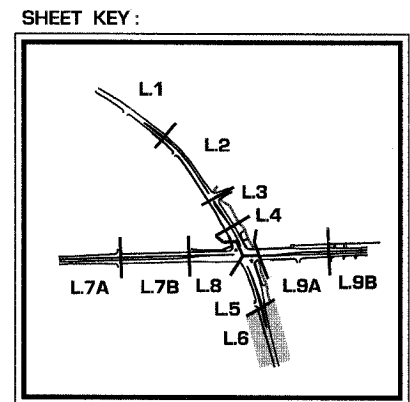
SCALE: 1"=20'-0"

JOB NO.: P-91-494-00 PROJECT NO.: CMM-7003 (9)

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2532	00-00114-00-PV	DuPAGE	563	172
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



- FOR PLANT LIST : - See Sheet L.11 -
- FOR TURF INFORMATION : - See Sheet L.10 -




REVISIONS	
NAME	DATE

INTERSECTION IMPROVEMENT  
WASHINGTON STREET - 75th STREET

**Landscape Development Plan**

CONSULTANT **SIGNATURE DESIGN GROUP**

City of  **Naperville**

DRAWN: \_\_\_\_\_ SHEET NO. **L.6**

CHECKED: \_\_\_\_\_

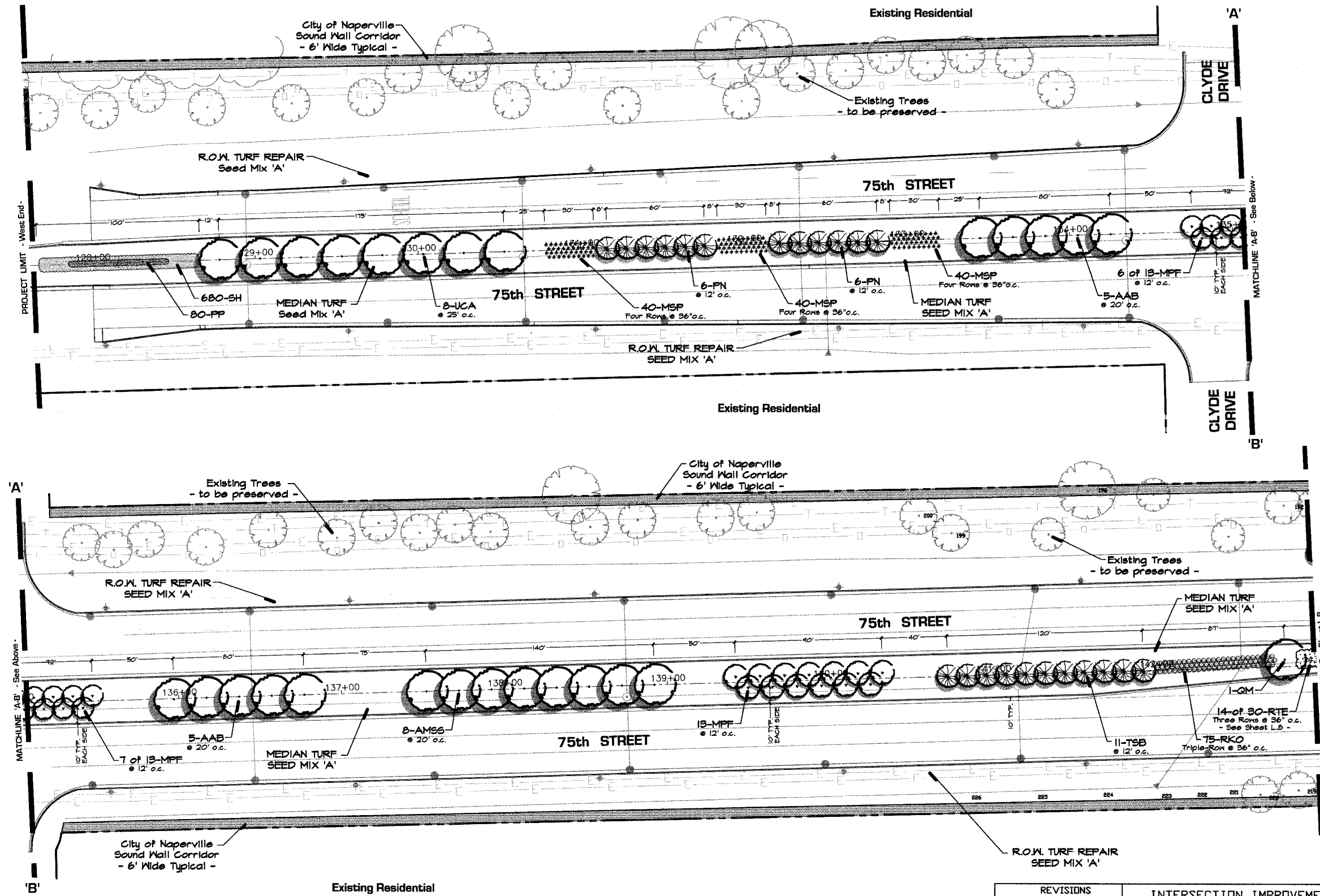
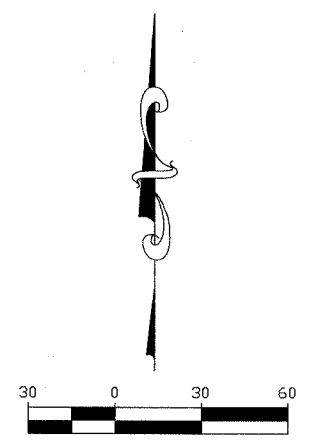
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DATE: APRIL 11, 2008

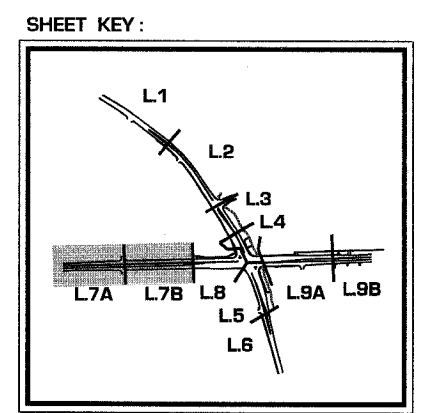
SCALE: 1"=30'-0"

JOB NO.: P-91-494-00 PROJECT NO.: CMM-7003 (983)

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00114-00-PV	DuPAGE	563	173
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



- FOR PLANT LIST : - See Sheet L.11 -
- FOR TURF INFORMATION : - See Sheet L.10 -




REVISIONS	
NAME	DATE

INTERSECTION IMPROVEMENT  
WASHINGTON STREET - 75th STREET

### Landscape Development Plan

CONSULTANT **SIGNATURE DESIGN GROUP**

City of  **Naperville**

DRAWN: \_\_\_\_\_ SHEET NO. **L.7**

CHECKED: \_\_\_\_\_

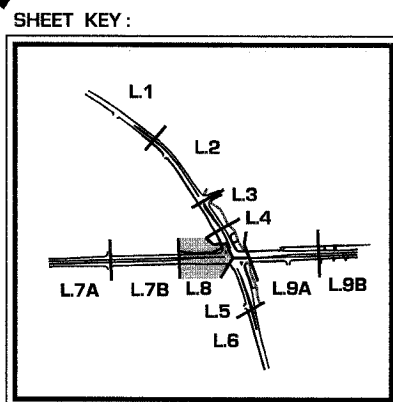
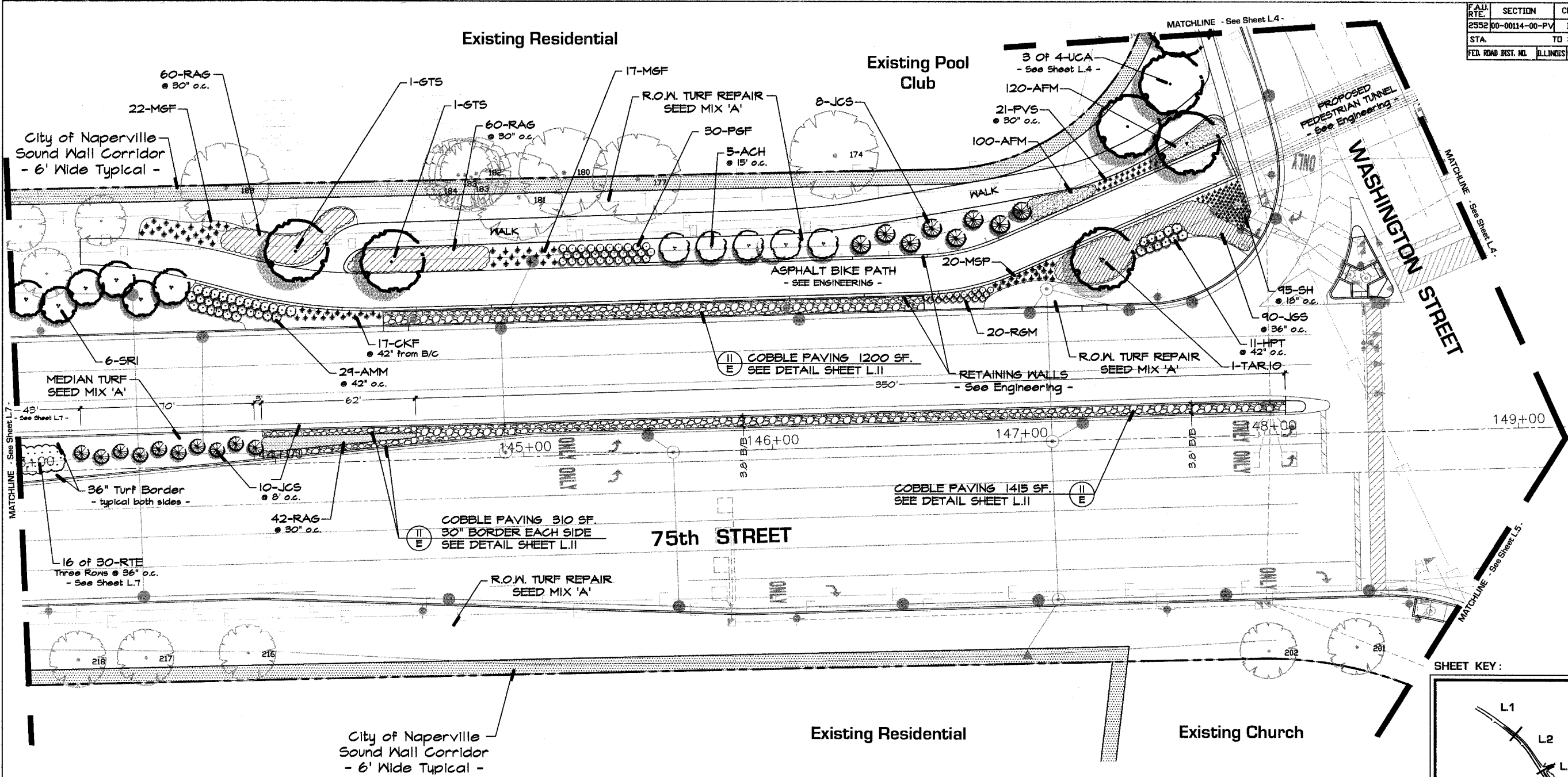
APPROVED: \_\_\_\_\_

DATE: APRIL 11, 2008

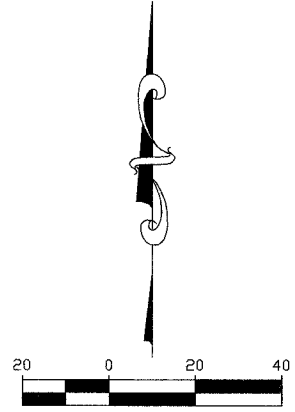
SCALE: 1"=30'-0"

JOB NO.: P-91-494-00 PROJECT NO.: CMM-7003 (983)

F.A.U. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2532	00-00114-00-PV	DUPAGE	563	174
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



- FOR PLANT LIST: - See Sheet L.11 -
- FOR TURF INFORMATION: - See Sheet L.10 -




REVISIONS	
NAME	DATE

INTERSECTION IMPROVEMENT  
WASHINGTON STREET - 75th STREET

**Landscape Development Plan**

CONSULTANT  
**SIGNATURE DESIGN GROUP**

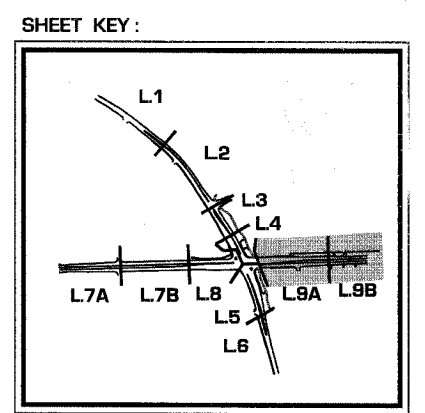
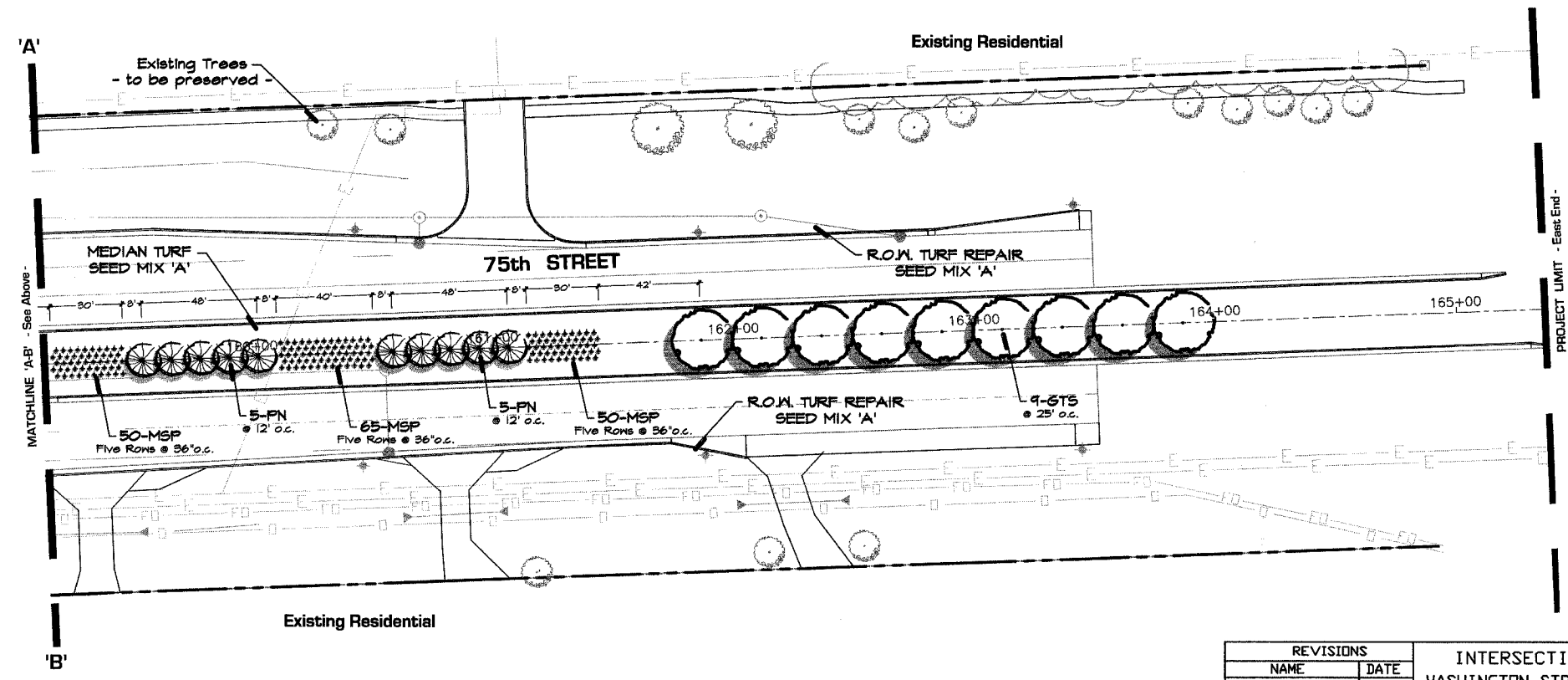
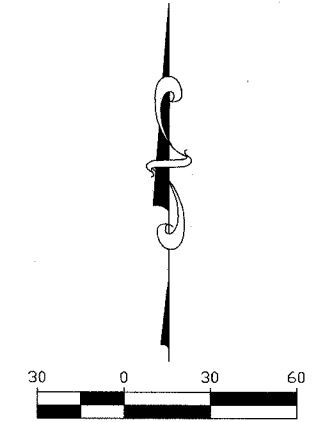
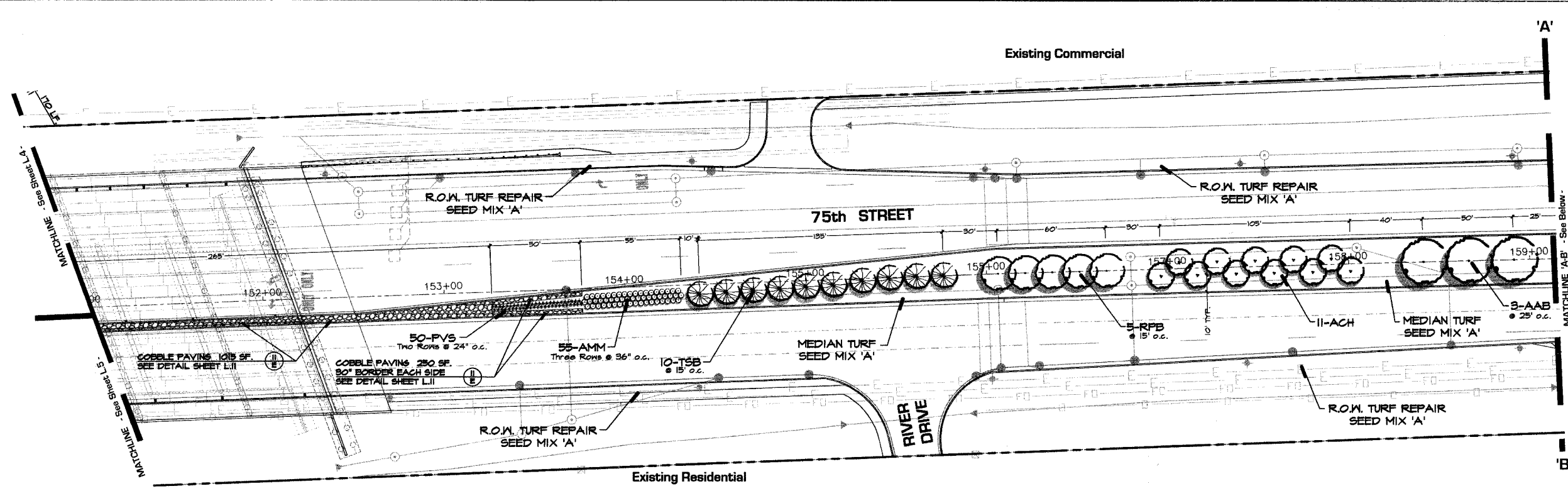
City of  **Naperville**

DATE: APRIL 11, 2008  
SCALE: 1" = 20' - 0"  
JOB NO.: P-91-494-00

SHEET NO.  
**L.8**

PROJECT NO. CHM-7003 (983)

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
2552 00-00114-00-PV	DUPAGE	ILLINOIS	563 175
STA.	TO STA.		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		




- FOR PLANT LIST: - See Sheet L.11 -
- FOR TURF INFORMATION: - See Sheet L.10 -

REVISIONS	
NAME	DATE

INTERSECTION IMPROVEMENT  
WASHINGTON STREET - 75th STREET

**Landscape  
Development Plan**

CONSULTANT  
**SIGNATURE  
DESIGN GROUP**

City of  **Naperville**

DRAWN: \_\_\_\_\_ SHEET NO. **L.9**

CHECKED: \_\_\_\_\_

APPROVED: \_\_\_\_\_

DATE: APRIL 11, 2008

SCALE: 1"=30'-0"

JOB NO.: P-91-494-00 PROJECT NO.: CMM-7003 (983)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00114-00-PV	DuPAGE	563	176
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

**TURF LEGEND :**

**SEED MIX 'A'**

**IDOT 2A**  
Salt Tolerant Roadside Mixture

30%	Inferno Tall Fescue or Tarheel II Tall Fescue	60#
30%	Fults Puccinellia Distans	60#
15%	Audubon Red Fescue	30#
15%	Rescue 911 Hard Fescue	30#
10%	Perennial Ryegrass	20#
		TOTAL 200# / A

**SEED MIX 'B'**

**IDOT CLASS 4**  
Native Grass Mixture

30%	Annual Rye	25#
30%	Spring Oats	25#
18%	Perennial Ryegrass	15#
6%	Little Blue Stem	5#
6%	Side Oats Gamma	5#
5%	Big Blue Stem	4#
3%	Indian Grass	2#
1%	Prairie Switchgrass	1#
1%	Wild Rye	1#
		TOTAL 83# / A

**SEED MIX 'C'**

**MODIFIED IDOT BLEND (Mesic to Wet Native Grasses)**  
IDOT Class 4 - "Native Grass Mixture"

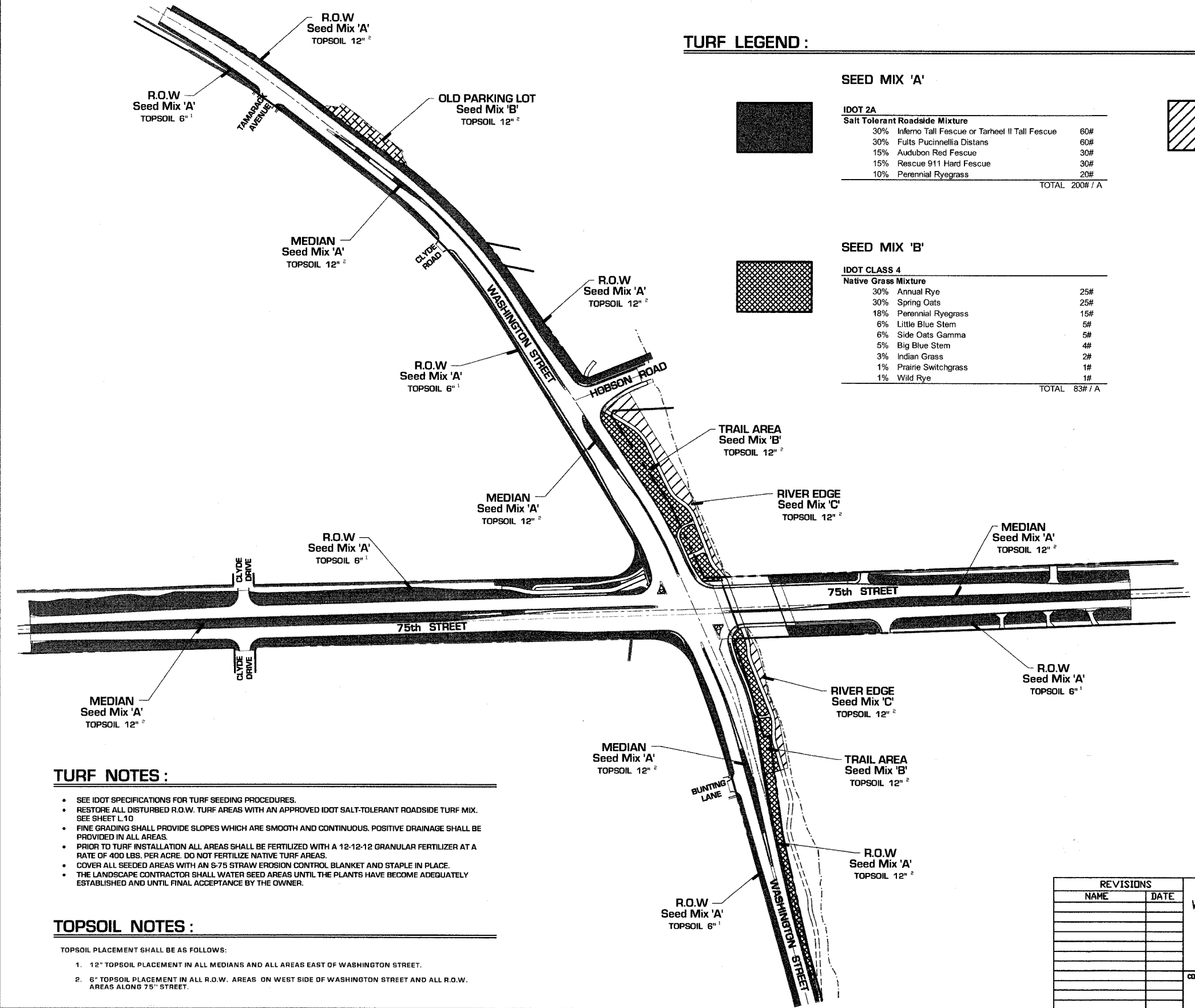
30%	Annual Rye	25#
30%	Spring Oats	25#
18%	Perennial Ryegrass	15#
6%	Little Blue Stem	5#
6%	Side Oats Gamma	5#
5%	Big Blue Stem	4#
3%	Indian Grass	2#
1%	Prairie Switchgrass	1#
1%	Wild Rye	1#
		83# / A

**IDOT Class 4B - (Wetland Grass & Sedges Only)**  
10.72% Wetland Grasses (below)

		6#
		6# / A

**Species**

Blue Joint Grass	12%	
Sedge	6%	
Awl-Fruited Sedge	6%	
Sedge	6%	
Sedge	6%	
Needle Spike Rush	3%	
Blunt Spike Rush	3%	
Manna Grass	14%	
Common Rush	6%	
Slender Rush	6%	
Rush	6%	
Rice Cut Grass	10%	
Hard-Stemmed Bulrush	3%	
Dark Green Rush	3%	
River Bulrush	3%	
Softstem Bulrush	3%	
Grass	4%	
		TOTAL 89# / A

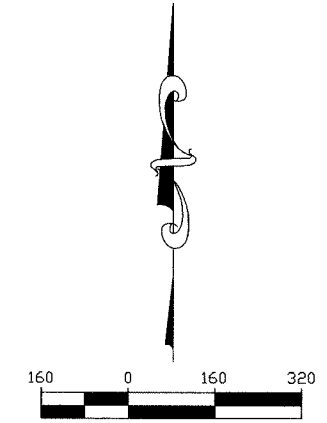


**TURF NOTES :**

- SEE IDOT SPECIFICATIONS FOR TURF SEEDING PROCEDURES.
- RESTORE ALL DISTURBED R.O.W. TURF AREAS WITH AN APPROVED IDOT SALT-TOLERANT ROADSIDE TURF MIX. SEE SHEET L-10
- FINE GRADING SHALL PROVIDE SLOPES WHICH ARE SMOOTH AND CONTINUOUS. POSITIVE DRAINAGE SHALL BE PROVIDED IN ALL AREAS.
- PRIOR TO TURF INSTALLATION ALL AREAS SHALL BE FERTILIZED WITH A 12-12-12 GRANULAR FERTILIZER AT A RATE OF 400 LBS. PER ACRE. DO NOT FERTILIZE NATIVE TURF AREAS.
- COVER ALL SEEDED AREAS WITH AN S-75 STRAW EROSION CONTROL BLANKET AND STAPLE IN PLACE.
- THE LANDSCAPE CONTRACTOR SHALL WATER SEED AREAS UNTIL THE PLANTS HAVE BECOME ADEQUATELY ESTABLISHED AND UNTIL FINAL ACCEPTANCE BY THE OWNER.

**TOPSOIL NOTES :**

- TOPSOIL PLACEMENT SHALL BE AS FOLLOWS:
1. 12" TOPSOIL PLACEMENT IN ALL MEDIANS AND ALL AREAS EAST OF WASHINGTON STREET.
  2. 6" TOPSOIL PLACEMENT IN ALL R.O.W. AREAS ON WEST SIDE OF WASHINGTON STREET AND ALL R.O.W. AREAS ALONG 75th STREET.



REVISIONS	
NAME	DATE

INTERSECTION IMPROVEMENT  
WASHINGTON STREET - 75th STREET

**TURF & TOPSOIL  
EXHIBIT**

CONSULTANT

**SIGNATURE  
DESIGN GROUP**

City of **Naperville**

DRAWN \_\_\_\_\_ SHEET NO. **L.10**

CHECKED \_\_\_\_\_

APPROVED \_\_\_\_\_

DATE: APRIL 11, 2008

SCALE: 1"=160'-0"

JOB NO.: P-91-494-00 PROJECT NO.: CMM-7003 (983)

# PLANT MATERIAL LEGEND :

Code	Scientific Name	Common Name	Size	Qty	Remarks
<b>SHADE TREES</b>					
AAB	Acer x freemanii 'Autumn Blaze'	Autumn Blaze Maple	3.0"	33	B&B
AMSS	Acer nyvabei 'Morton'	State Street Maple	3.0"	19	B&B
BN	Betula nigra	River Birch	10'	19	B&B multi-stem
CO	Celtis occidentalis	Common Hackberry	3.0"	10	B&B
COC	Celtis occidentalis 'Chicagoland'	Chicagoland Hackberry	3.0"	6	B&B
GD	Gymnocladus dioica	Kentucky Coffeetree	3.0"	3	B&B
GTS	Gleditsia triacanthos var. inermis 'Skyline'	Skyline Honeylocust	3.0"	11	B&B
PCC	Pyrus calleryana 'Chanticleer'	Chanticleer Pear	2.5"	10	B&B
QB	Quercus bicolor	Swamp White Oak	3.0"	6	B&B
QM	Quercus macrocarpa	Bur Oak	3.0"	6	B&B
QR	Quercus rubra	Red Oak	2.5"	10	B&B
RPB	Robinia pseudocacia 'Benjamin'	Chicago Blues Black Locust	2.5"	11	B&B
TA.10	Tilia americana	American Linden	10'	1	B&B multi-stem
TAR	Tilia americana 'Redmond'	Redmond American Linden	3.0"	6	B&B
TAR.10	Tilia americana 'Redmond'	Redmond American Linden	10'	1	B&B multi-stem
TD	Taxodium distichum	Baldypress	3.0"	5	B&B
TSB	Taxodium distichum 'Shawnee Brave'	Shawnee Brave Baldypress	3.0"	21	B&B
UCA	Ulmus carpinifolia 'Morton'	Accolade Elm	2.5"	28	B&B

Code	Scientific Name	Common Name	Size	Qty	Remarks
<b>ORNAMENTAL TREES</b>					
ACH	Acer campestre	Hedge Maple	6'	16	B&B multi-stem
ASG	Amelanchier x grandiflora	Apple Serviceberry	7'	5	B&B multi-stem
CM	Cornus mas	Corneliancherry Dogwood	6'	11	B&B multi-stem
CRB	Cercis canadensis	Eastern Redbud	6'	8	B&B multi-stem
MF	Malus floribunda	Japanese Flowering Crab	7'	3	B&B multi-stem
MFP	Malus 'Prairifire'	Prairifire Flowering Crab	3.0"	34	B&B
SP	Syringa pekinensis	Peking Lilac	2.5"	3	B&B
SRI	Syringa reticulata 'Ivory Silk'	Ivory Silk Tree Lilac	2.5"	6	B&B

Code	Scientific Name	Common Name	Size	Qty	Remarks
<b>EVERGREEN TREES</b>					
JCS	Juniperus chinensis 'Spartan'	Spartan Juniper	6'	18	B&B
JV	Juniperus virginiana	Eastern Redcedar	6'	18	B&B
PN	Pinus nigra	Austrian Pine	7'	28	B&B
PP	Picea pungens	Colorado Spruce	8'	5	B&B

Code	Scientific Name	Common Name	Size	Qty	Remarks
<b>EVERGREEN SHRUBS</b>					
JGS	Juniperus chinensis var. sargentii	Green Sargent Juniper	18"	175	5 Gallon Container
JKC	Juniperus chinensis 'Kallays Compacta'	Kallays Compact Juniper	18"	86	5 Gallon Container

Code	Scientific Name	Common Name	Size	Qty	Remarks
<b>ORNAMENTAL SHRUBS</b>					
AM	Aronia melanocarpa	Black Chokeberry	36"	30	B&B
AMM	Aronia melanocarpa 'Morton'	Iroquois Beauty Chokeberry	30"	84	B&B
CR	Cornus racemosa	Gray Dogwood	36"	101	5 Gallon Container
CS	Cornus sericea	Redosier Dogwood	36"	56	B&B
HP	Hydrangea paniculata	Panicle Hydrangea	36"	51	B&B
HPT	Hydrangea paniculata 'Tardiva'	Tardiva Hydrangea	30"	11	B&B
IVH	Itea virginica 'Little Henry'	Little Henry Sweetpire	24"	137	5 Gallon Container
PGF	Potentilla fruticosa 'Gold Finger'	Gold Finger Potentilla	18"	65	5 Gallon Container
RA	Rhus aromatica	Fragrant Sumac	18"	58	2 Gallon Container
RAG	Rhus aromatica 'Gro-low'	Gro-Low Fragrant Sumac	18"	364	2 Gallon Container
RCP	Rhus copallina 'Prairie Flame'	Prairie Flame Shining Sumac	24"	83	5 Gallon Container
RGM	Ribes alpinum 'Green Mound'	Green Mound Alpine Currant	18"	20	5 Gallon Container
RKO	Rosa 'Knockout'	Knockout Shrub Rose	18"	75	5 Gallon Container
RTE	Rhus typhina 'Balltiger'	Tiger Eyes Cutleaf Sumac	36"	45	5 Gallon Container
SCH	Symphoricarpos x chenautilii 'Hancock'	Hancock Coralberry	24"	207	B&B
SS	Sorbia alniifolia	Ural Falsepirca	24"	50	5 Gallon Container
VLN	Viburnum lantago	Nannyberry Viburnum	60"	19	B&B
VO	Viburnum opulus	Eur. Cranberrybush Viburnum	36"	44	B&B

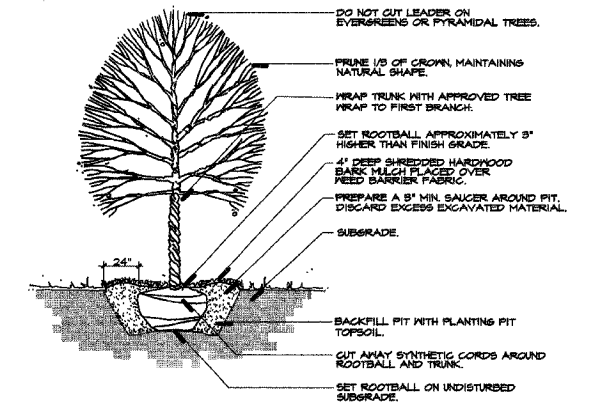
Code	Scientific Name	Common Name	Size	Qty	Remarks
<b>PERENNIALS AND ORNAMENTAL GRASSES</b>					
AFM	Achillea filipendulina 'Moonshine'	Moonshine Yarrow	1G	220	Container
CKF	Calamagrostis acutiflora 'Karl Forester'	Karl Forester Feather Reed Grass	2G	71	Container
CG	Chelone glabra	Turtlehead	1G	120	Container
EMG	Eupatorium maculatum 'Gateway'	Spotted Joe-Pye Weed	1G	41	Container
HH	Hemerocallis 'Hyperion'	Hyperion Daylily	1G	475	Container
LCF	Lobelia cardinalis	Cardinal Flower	1G	125	Container
MD	Monarda didyma	Bee Balm	1G	40	Container
MGF	Miscanthus sinensis 'Grosse Fontane'	Gross Fontane Jap. Silver Grass	2G	39	Container
MSP	Miscanthus sinensis 'Purpurascens'	Purple Maiden Grass	2G	388	Container
NBW	Nepeta x faassenii 'Blue Wonder'	Blue Wonder Catmint	1G	210	Container
PV	Panicum virgatum	Switch Grass	3G	32	Container
PVN	Panicum virgatum 'Northwind'	Northwind Switch Grass	2G	14	Container
PVS	Panicum virgatum 'Shenendoah'	Shenendoah Switch Grass	1G	101	Container
PPP	Polygonum polymorphum	Giant White Fleecce Flower	2G	80	Container
SH	Sporobolus heterolepis	Prairie Dropseed	1G	1240	Container
SR	Solidago rugosa	Goldenrod	1G	60	Container

Code	Scientific Name	Common Name	Size	Qty	Remarks
<b>MISCELLANEOUS</b>					
	Shredded Hardwood Bark Mulch	Shredded Hardwood Bark Mulch	CY	220	See Notes
	Compost	Compost	CY	50	See Notes
	Cobble Stone Paving	Cobble Stone	SF	5,525	See Detail 11.E
	Biobarrier	Tree Root Barrier	LF	735	See Detail 11.F

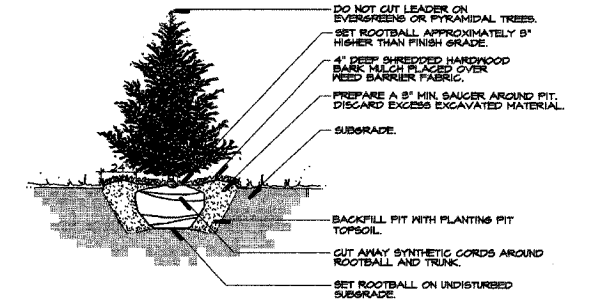
# GENERAL NOTES :

- FOR TURF SEEDING INFORMATION SEE SHEET L.10
- SEE IDOT SPECIFICATIONS FOR PLANT INSTALLATION PROCEDURES.
- PREPARE PERENNIAL AND ORNAMENTAL GRASS BEDS WITH 1 CY. MUSHROOM COMPOST PER 100 SF. ROTOTILLED TO AN 8" DEPTH.
- WEED BARRIER FABRIC SHALL BE PLACED AROUND ALL PLANTS STAPLED IN PLACE AND COVERED WITH MULCH IN THE ENTIRE MULCHED BED OR SAUCER AREA SPECIFIED. FABRIC AND MULCH SHALL EXTEND 24" MINIMUM FROM THE CENTER OF THE PLANTS TO THE EDGE OF THE BEDS.
- MULCH ALL TREES AND SHRUB BEDS WITH A MINIMUM OF FOUR INCHES SHREDDED HARDWOOD BARK MULCH.
- MULCH ALL PERENNIAL AND ORNAMENTAL GRASS BEDS WITH A MINIMUM OF TWO INCHES SHREDDED HARDWOOD BARK MULCH.
- ALL BED LINES AND TREE SAUCERS REQUIRE A 4" DEEP SPADED EDGE BETWEEN LAWN AND MULCH AREAS.
- PLANT MATERIAL SIZING, BRANCHING AND BALL SIZES SHALL CONFORM TO THE "AMERICAN STANDARDS FOR NURSERY STOCK" (LATEST EDITION) BY THE AMERICAN ASSOCIATION OF NURSERYMAN, INC.
- PLANT MATERIAL SHALL BE NURSERY GROWN AND BE EITHER BALLED AND BURLAPPED OR CONTAINER GROWN. SIZES AND SPREADS ON PLANT LIST REPRESENT MINIMUM REQUIREMENTS.
- QUANTITY LISTS ARE SUPPLIED AS A CONVENIENCE. CONTRACTOR SHALL VERIFY ALL QUANTITIES, AND IN CASE OF A DISCREPANCY, THE PLAN SHALL PREVAIL.
- THE LANDSCAPE CONTRACTOR SHALL ADJUST PLANT LOCATIONS IN FIELD TO MAINTAIN APPROPRIATE SPACING.
- TREES SHALL BE INSTALLED A MINIMUM OF 5 FEET HORIZONTALLY FROM UNDERGROUND ELECTRICAL FEEDERS, SANITARY SEWERS, SANITARY SERVICES, WATER MAINS, AND WATER SERVICES. TREES SHALL BE INSTALLED A MINIMUM OF TEN (10) FEET HORIZONTALLY FROM UTILITY STRUCTURES AND APPURTENANCES, INCLUDING, BUT NOT LIMITED TO, MANHOLES, VALVE VAULTS, VALVE BOXES AND FIRE HYDRANTS.
- APPROVAL OF THE LANDSCAPE ARCHITECT IS REQUIRED WHEN FIELD ADJUSTMENTS TO BE IMPLEMENTED DO NOT CONFORM TO THE INTENT OF THE PLANS.
- CONTRACTOR SHALL REPORT ANY DISCREPANCIES IN THE FIELD TO THE LANDSCAPE ARCHITECT AND/OR OWNER.
- THE LANDSCAPE CONTRACTOR SHALL VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO DIGGING. IS REQUIRED TO CONTACT J.U.L.I.E. (1.800.892.0123), AND ANY OTHER PUBLIC OR PRIVATE AGENCY NECESSARY FOR UTILITY LOCATION 48 HOURS PRIOR TO CONSTRUCTION.
- WHERE UNDERGROUND UTILITIES EXIST, ALL FIELD ADJUSTMENTS MUST BE APPROVED BY THE LANDSCAPE ARCHITECT.
- THE LANDSCAPE CONTRACTOR SHALL WATER PLANT MATERIAL, SEED AND SOD AREAS UNTIL THE PLANTS HAVE BECOME ADEQUATELY ESTABLISHED AND UNTIL FINAL ACCEPTANCE BY THE OWNER. OWNER TO PROVIDE ALL SUPPLEMENTAL WATERING AND PROPER CARE AND MAINTENANCE OF ALL PLANT MATERIALS, SEED AND SOD AREAS AFTER ACCEPTANCE OF LANDSCAPE CONTRACTORS WORK.
- NO PLANTS ARE TO BE CHANGED OR SUBSTITUTED WITHOUT THE APPROVAL OF THE LANDSCAPE ARCHITECT AND THE CITY OF NAPERVILLE.
- LANDSCAPE CONTRACTOR SHALL WARRANT ALL MATERIAL AND LABOR FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE AND SHALL REPAIR ANY DEFECTS AND REPLACE ALL DEAD PLANT MATERIAL AS REQUIRED DURING THE WARRANTY PERIOD.**

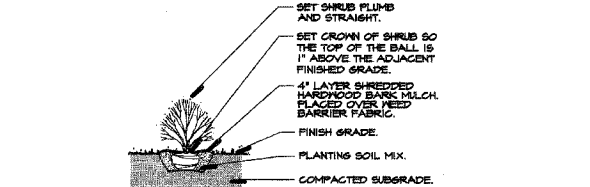
FAU. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
2552	00-00114-00-PV	DUPAGE	563 177
STA.	TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	



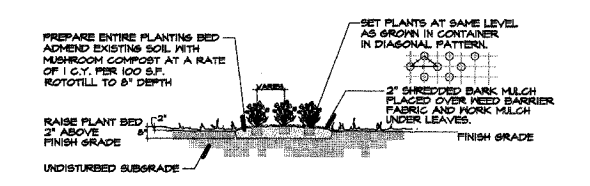
11 A Typical Tree Planting Detail NTS



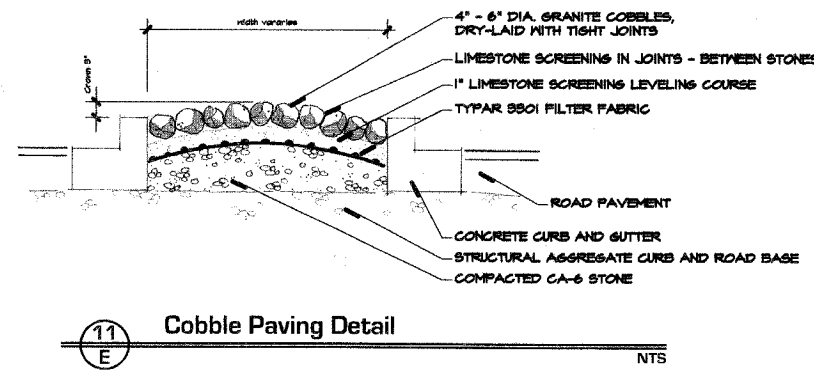
11 B Typical Evergreen Planting Detail NTS



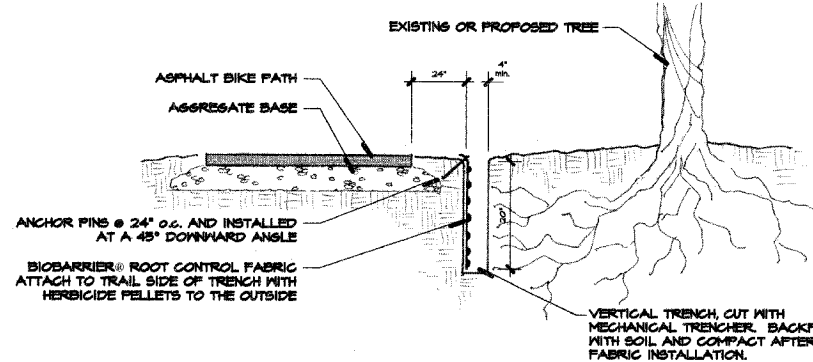
11 C Typical Shrub Planting Detail NTS



11 D Typical Perennial Planting Detail NTS



11 E Cobble Paving Detail NTS



11 F Trail Root Barrier NTS

REVISIONS		INTERSECTION IMPROVEMENT WASHINGTON STREET - 75th STREET	City of Naperville
NAME	DATE		
		<b>Landscape Plant Legend, Notes and Details</b>	SHEET NO.  <b>L.11</b>
CONSULTANT SIGNATURE DESIGN GROUP		DATE: APRIL 11, 2008	SCALE: N. T. S.
		JOB NO.: P-91-494-00	PROJECT NO.: CMM-7003 (983)



EXISTING SIGN SCHEDULE

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00114-00-PV	DUPAGE	563	178
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 63024				

SIGN NO.	ALIGNMENT	SIGN INFORMATION						EXISTING SUPPORT TYPE	SIGN DESCRIPTION
		EX. STATION	OFFSET	TYPE	WIDTH (FT)	HEIGHT (FT)	AREA (FT)		
1	NB WASHINGTON BASELINE	429+56.30	27.5 LT	1	2.5	2.0	5.0	LIGHT POLE	"NAPERVILLE PATROLLED BY COMMUNITY RADIO WATCH"
2	NB WASHINGTON BASELINE	429+56.30	27.5 LT	1	1.0	2.0	2.0	LIGHT POLE	"PARKING PROHIBITED 2AM-5AM ALL CITY STREETS CITY ORDINANCE"
3	NB WASHINGTON BASELINE	428+15.10	34.2 LT	1	2.5	3.0	7.5	LIGHT POLE	R2-1 (40)
4	NB WASHINGTON BASELINE	428+15.10	34.2 LT	1	2.0	2.0	4.0	LIGHT POLE	R8-3A
5	NB WASHINGTON BASELINE	434+10.55	29.8 LT	1	2.5	2.0	5.0	WOOD SIGN SUPPORT	"ALCOHOLIC BEVERAGES PROHIBITED"
6	NB WASHINGTON BASELINE	434+10.55	29.8 LT	1	2.5	2.0	5.0	WOOD SIGN SUPPORT	"PARK HOURS"
7	NB WASHINGTON BASELINE	437+00.41	28.3 LT	1	2.5	2.0	5.0	WOOD SIGN SUPPORT	"ALCOHOLIC BEVERAGES PROHIBITED"
8	NB WASHINGTON BASELINE	437+00.41	28.3 LT	1	2.5	2.0	5.0	WOOD SIGN SUPPORT	"PARK HOURS"
9	NB WASHINGTON BASELINE	442+10.43	14.3 LT	1	3.0	3.0	9.0	LIGHT POLE	R3-2 (MODIFIED)
10	NB WASHINGTON BASELINE	442+10.43	14.3 LT	1	2.5	0.8	1.9	LIGHT POLE	"CLYDE DR"
11	NB WASHINGTON BASELINE	443+41.92	13.2 LT	1	2.5	3.0	7.5	LIGHT POLE	R2-1 (40)
12	NB WASHINGTON BASELINE	443+41.92	13.2 LT	1	2.0	2.0	4.0	LIGHT POLE	R8-3A
13	NB WASHINGTON BASELINE	445+94.07	21.3 LT	1	2.5	3.0	7.5	WOOD POLE	R10-15
14	NB WASHINGTON BASELINE	445+94.07	21.3 LT	1	1.5	2.0	3.0	WOOD POLE	R14-1
15	NB WASHINGTON BASELINE	445+94.07	21.3 LT	1	1.8	1.3	2.2	WOOD POLE	M6-6L
16	NB WASHINGTON BASELINE	445+94.07	21.3 LT	1	5.0	1.5	7.5	WOOD POLE	"HOBSON RD"
17	NB WASHINGTON BASELINE	445+94.07	21.3 LT	1	0.8	1.0	0.8	WOOD POLE	10-4B
18	NB WASHINGTON BASELINE	446+13.58	35.2 LT	1	2.5	2.5	6.3	TELESCOPING STEEL	R1-1 (FOLDING)
19	NB WASHINGTON BASELINE	446+30.45	83.1 LT	1	2.5	2.5	6.3	TELESCOPING STEEL	W11-1
20	NB WASHINGTON BASELINE	446+51.17	182.2 LT	1	1.0	3.0	3.0	TELESCOPING STEEL	OM-3L
21	NB WASHINGTON BASELINE	446+51.17	182.2 LT	1	2.0	2.5	5.0	TELESCOPING STEEL	D9-2/D9-2A
22	NB WASHINGTON BASELINE	446+51.17	182.2 LT	1	2.0	2.0	4.0	TELESCOPING STEEL	M1-5 (DUPAGE COUNTY 2)
23	NB WASHINGTON BASELINE	446+51.17	182.2 LT	1	1.5	0.5	0.8	TELESCOPING STEEL	"END"
24	NB WASHINGTON BASELINE	446+64.53	246.7 LT	1	3.0	2.5	7.5	TELESCOPING STEEL	R3-8
25	NB WASHINGTON BASELINE	446+64.53	246.7 LT	1	2.0	1.5	3.0	TELESCOPING STEEL	"WEST BRANCH DUPAGE RIVER"
26	NB WASHINGTON BASELINE	446+64.53	246.7 LT	1	1.0	3.0	3.0	TELESCOPING STEEL	OM-3R
27	NB WASHINGTON BASELINE	446+86.94	73.2 LT	1	2.0	1.5	3.0	TELESCOPING STEEL	"WEST BRANCH DUPAGE RIVER"
28	NB WASHINGTON BASELINE	446+86.94	73.2 LT	1	2.0	2.0	4.0	TELESCOPING STEEL	M1-5 (DUPAGE COUNTY 2)
29	NB WASHINGTON BASELINE	446+86.94	73.2 LT	1	1.5	0.5	0.8	TELESCOPING STEEL	"BEGIN"
30	NB WASHINGTON BASELINE	447+10.82	22.9 LT	1	2.5	3.0	7.5	WOOD POLE	R10-15
31	NB WASHINGTON BASELINE	447+10.82	22.9 LT	1	2.5	3.0	7.5	WOOD POLE	R10-15
32	NB WASHINGTON BASELINE	447+10.82	22.9 LT	1	0.8	1.0	0.8	WOOD POLE	R10-4B
33	NB WASHINGTON BASELINE	447+20.23	5.2 LT	1	2.5	2.5	6.3	TELESCOPING STEEL	R1-1 (FOLDING)
34	NB WASHINGTON BASELINE	447+20.23	5.2 LT	1	2.5	2.5	6.3	TELESCOPING STEEL	R1-1 (FOLDING)
35	NB WASHINGTON BASELINE	447+41.97	0.6 LT	1	2.5	2.5	6.3	TELESCOPING STEEL	W11-1
36	NB WASHINGTON BASELINE	452+15.24	9.6 RT	1	2.5	3.0	7.5	LIGHT POLE	R2-1 (40)
37	NB WASHINGTON BASELINE	452+15.24	9.6 RT	1	2.0	2.0	4.0	LIGHT POLE	R8-3A
38	NB WASHINGTON BASELINE	453+11.54	25.6 LT	1	3.0	2.0	6.0	TELESCOPING STEEL	"NO TRESSPASSING CITY OF NAPERVILLE"
39	NB WASHINGTON BASELINE	453+60.02	3.0 RT	1	5.0	1.5	7.5	MAST ARM	"75TH ST"
40	NB WASHINGTON BASELINE	453+60.02	3.0 RT	1	2.0	1.5	3.0	MAST ARM	R14-1
41	NB WASHINGTON BASELINE	453+60.02	3.0 RT	1	1.8	1.3	2.2	MAST ARM	M6-3
42	NB WASHINGTON BASELINE	453+60.02	3.0 RT	1	1.0	1.5	1.5	MAST ARM	"MAIN STEM WASHINGTON ST"
43	NB WASHINGTON BASELINE	453+60.02	3.0 RT	1	1.0	1.5	1.5	MAST ARM	"NO MOTOR VEHICLES"
44	NB WASHINGTON BASELINE	453+60.02	3.0 RT	1	0.8	1.0	0.8	MAST ARM	R10-3B
45	NB WASHINGTON BASELINE	453+89.73	18.2 LT	1	2.0	2.5	5.0	SIGNAL POST	R10-10L
46	NB WASHINGTON BASELINE	453+89.73	18.2 LT	1	2.5	2.0	5.0	SIGNAL POST	"NORTH CENTRAL COLLEGE"
47	NB WASHINGTON BASELINE	453+89.73	18.2 LT	1	2.5	3.0	7.5	SIGNAL POST	D9-2/D9-2A
48	NB WASHINGTON BASELINE	453+89.73	18.2 LT	1	2.5	2.5	6.3	SIGNAL POST	R1-1 (FOLDING)
49	NB WASHINGTON BASELINE	453+89.73	18.2 LT	1	2.5	2.5	6.3	SIGNAL POST	R1-1 (FOLDING)
50	NB WASHINGTON BASELINE	454+40.76	19.0 LT	1	2.0	2.5	5.0	SIGNAL POST	R10-10L
51	NB WASHINGTON BASELINE	454+40.76	19.0 LT	1	2.0	2.5	5.0	SIGNAL POST	R4-7
52	NB WASHINGTON BASELINE	454+93.82	22.6 LT	1	5.0	1.5	7.5	MAST ARM	"WASHINGTON ST"
53	NB WASHINGTON BASELINE	454+93.82	22.6 LT	1	3.0	2.5	7.5	MAST ARM	"NAPERVILLE CHRISTIAN CHURCH" (DOUBLE SIDED)
54	NB WASHINGTON BASELINE	454+93.82	22.6 LT	1	0.8	1.0	0.8	MAST ARM	R10-3B


NOTE:

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REVISIONS	
NAME	DATE

INTERSECTION IMPROVEMENT  
WASHINGTON STREET - 75th STREET  
EXISTING SIGN SCHEDULE  
75TH AND WASHINGTON  
SHEET 1 OF 3

CONSULTANT  
**TYLIN INTERNATIONAL**

City of  **Naperville**

DRAWN: \_\_\_\_\_ SHEET NO. \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 APPROVED: \_\_\_\_\_  
 DATE: APRIL 11, 2008  
 SCALE: \_\_\_\_\_  
 JOB NO.: P-91-494-00 PROJECT NO.: M-CMM-7003 (985)

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**EXISTING SIGN SCHEDULE**

SIGN NO.	ALIGNMENT	SIGN INFORMATION						EXISTING SUPPORT TYPE	SIGN DESCRIPTION
		EX. STATION	OFFSET	TYPE	WIDTH (FT)	HEIGHT (FT)	AREA (FT)		
109	75TH ST CENTERLINE	134+89.70	5.0 RT	1	1.5	2.0	3.0	TELESCOPING STEEL	R6-2R
110	75TH ST CENTERLINE	134+89.70	5.0 RT	1	1.5	2.0	3.0	TELESCOPING STEEL	R6-2R
111	75TH ST CENTERLINE	135+16.00	116.0 LT	1	2.0	2.0	4.0	TELESCOPING STEEL	"CHILDREN AT PLAY"
112	75TH ST CENTERLINE	135+16.84	76.8 RT	1	2.5	2.5	6.3	TELESCOPING STEEL	R1-1
113	75TH ST CENTERLINE	135+56.18	56.1 RT	1	3.0	3.0	9.0	TELESCOPING STEEL	"PAVEMENT NARROWS"
114	75TH ST CENTERLINE	135+56.18	56.1 RT	1	3.5	1.0	3.5	TELESCOPING STEEL	W16-2A (1500 FT)
115	75TH ST CENTERLINE	135+57.45	14.6 RT	1	3.0	3.0	9.0	TELESCOPING STEEL	"PAVEMENT NARROWS"
116	75TH ST CENTERLINE	135+57.45	14.6 RT	1	3.5	1.0	3.5	TELESCOPING STEEL	W16-2A (1500 FT)
117	75TH ST CENTERLINE	143+04.26	60.5 RT	2	2.5	4.0	10.0	TELESCOPING STEEL	"DOWNTOWN NAPERVILLE" (ARROW) - RELOCATE
118	75TH ST CENTERLINE	144+09.10	7.2 RT	1	2.0	2.0	4.0	TELESCOPING STEEL	"LEFT TURN LANE"
119	75TH ST CENTERLINE	145+91.36	43.5 LT	2	3.5	4.0	14.0	TELESCOPING STEEL	R2-1 (45)
120	75TH ST CENTERLINE	147+07.60	57.4 RT	1	2.5	2.5	6.3	TELESCOPING STEEL	W11-1
121	75TH ST CENTERLINE	150+02.41	14.2 RT	1	1.5	2.0	3.0	TELESCOPING STEEL	R6-2R
122	75TH ST CENTERLINE	150+38.94	14.4 RT	1	1.5	2.0	3.0	TELESCOPING STEEL	R6-2R
123	75TH ST CENTERLINE	150+96.82	50.7 RT	1	2.0	1.5	3.0	TELESCOPING STEEL	"WEST BRANCH DUPAGE RIVER"
124	75TH ST CENTERLINE	153+26.31	37.5 LT	1	2.0	1.5	3.0	TELESCOPING STEEL	"WEST BRANCH DUPAGE RIVER"
125	75TH ST CENTERLINE	153+26.31	37.5 LT	1	1.0	3.0	3.0	TELESCOPING STEEL	OM-3R
126	75TH ST CENTERLINE	153+42.25	54.8 RT	1	3.0	3.0	9.0	TELESCOPING STEEL	W11-3
127	75TH ST CENTERLINE	153+87.69	5.9 RT	1	2.0	2.0	4.0	TELESCOPING STEEL	"LEFT TURN LANE"
128	75TH ST CENTERLINE	154+29.88	42.2 LT	2	2.5	4.0	10.0	TELESCOPING STEEL	"DOWNTOWN NAPERVILLE" (ARROW) - RELOCATE
129	75TH ST CENTERLINE	154+88.14	6.1 RT	1	1.5	2.0	3.0	TELESCOPING STEEL	R6-2R
130	75TH ST CENTERLINE	155+44.73	8.2 RT	1	1.5	2.0	3.0	TELESCOPING STEEL	R6-2R
131	75TH ST CENTERLINE	155+71.37	68.4 RT	1	2.5	2.5	6.3	TELESCOPING STEEL	R1-1
132	75TH ST CENTERLINE	156+25.03	44.0 LT	1	2.0	2.5	5.0	TELESCOPING STEEL	"DO NOT DRIVE ON SHOULDER"
133	75TH ST CENTERLINE	158+65.71	50.7 LT	1	2.0	2.5	5.0	TELESCOPING STEEL	"DO NOT DRIVE ON SHOULDER"
134	75TH ST CENTERLINE	160+86.97	70.6 LT	1	2.5	2.5	6.3	TELESCOPING STEEL	R1-1
135	75TH ST CENTERLINE	160+86.97	70.6 LT	1	2.5	3.0	7.5	TELESCOPING STEEL	R3-5R
136	75TH ST CENTERLINE	160+92.48	2.3 LT	1	2.0	2.5	5.0	TELESCOPING STEEL	R6-2R
137	75TH ST CENTERLINE	162+61.90	56.7 RT	1	2.0	2.5	5.0	TELESCOPING STEEL	"DO NOT DRIVE ON SHOULDER"
138	SHARED USE PATH			1	1.5	1.5	2.3	WOOD SIGN SUPPORT	"STOP AHEAD"
139	SHARED USE PATH			1	2.0	2.0	4.0	WOOD SIGN SUPPORT	R5-3
140	SHARED USE PATH			1	2.0	1.5	3.0	TELESCOPING STEEL	D11-1
141	SHARED USE PATH	SAME AS ABOVE		1	1.5	0.8	1.1	TELESCOPING STEEL	"DUPAGE RIVER TRAIL"
142	SHARED USE PATH	SAME AS ABOVE		1	1.0	0.8	0.8	TELESCOPING STEEL	M7-1
143	SHARED USE PATH	SAME AS ABOVE		1	2.0	1.5	3.0	TELESCOPING STEEL	D11-1
144	SHARED USE PATH	SAME AS ABOVE		1	1.5	0.8	1.1	TELESCOPING STEEL	"DUPAGE RIVER TRAIL"
145	SHARED USE PATH	SAME AS ABOVE		1	1.0	0.8	0.8	TELESCOPING STEEL	M7-1
146	SHARED USE PATH	SAME AS ABOVE		1	0.8	1.0	0.8	TELESCOPING STEEL	"BIKE ILLINOIS"
147	SHARED USE PATH			1	1.5	1.5	2.3	TELESCOPING STEEL	R1-1

**NOTE:**


THE CITY OF NAPERVILLE MAY REMOVE ANY/ALL WAYFINDING AND GUIDE SIGNS, WITHIN THE PROJECT LIMITS, THAT ARE SUITABLE FOR REUSE. QUANTITY FOR "REMOVE SIGN PANEL" OF THE TYPE SPECIFIED, HAS BEEN PROVIDED FOR THE CONTRACTOR TO REMOVE AND DISPOSE OF ANY REMAINING SIGNS NOT TO BE RELOCATED, AS DIRECTED BY THE ENGINEER. THE CITY OF NAPERVILLE WILL REPLACE ALL WAYFINDING AND GUIDE SIGNS, FOLLOWING THE COMPLETION OF THE PROJECT.

REVISIONS	
NAME	DATE

**INTERSECTION IMPROVEMENT**  
**WASHINGTON STREET - 75th STREET**  
**EXISTING SIGN SCHEDULE**  
**75TH AND WASHINGTON**  
 SHEET 3 OF 3

CONSULTANT  
**TYLIN INTERNATIONAL**

City of



Naperville

DRAWN:	SHEET NO.:
CHECKED:	
APPROVED:	
DATE: APRIL 11, 2008	
SCALE:	
JOB NO.: P-91-494-00	PROJECT NO.: M-CMM-7003 (985)

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①  
D9-2  
24" X 24"



②  
D9-2A  
24" X 6"



③  
M1-6  
30"



④  
M1-6  
24"



⑤  
M4-11  
24" X 6"



⑥  
M4-12  
24" X 6"



②⑤  
SPECIALTY SIGN  
30" X 48" PANEL  
WHITE AND BROWN LETTERS  
WHITE BACKGROUND  
BROWN BORDER



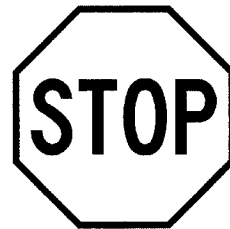
②⑧  
W9-2L  
30" X 30"



③②  
R TYPE (SPECIALTY)  
30" X 6" PANEL  
3" D BLACK LETTERS  
WHITE BACKGROUND  
BLACK BORDER



⑦  
R1-1  
30" X 30"



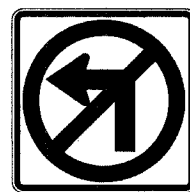
⑧  
R1-1  
36" X 36"



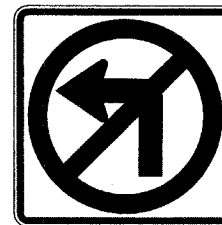
⑨  
R2-1  
24" X 30"



⑩  
R2-1  
36" X 48"



⑪  
R3-2  
30" X 30"



⑫  
R3-2  
36" X 36"



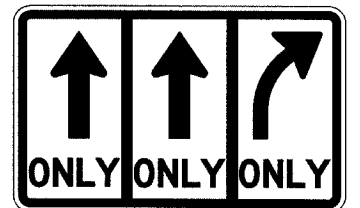
②⑥  
OM-3L  
12" X 36"



②⑨  
W16-9p  
24" X 12"



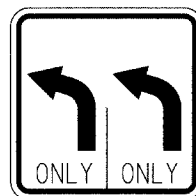
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R TYPE (SPECIALTY)  
48" X 6" PANEL  
3" D BLACK LETTERS  
WHITE BACKGROUND  
BLACK BORDER



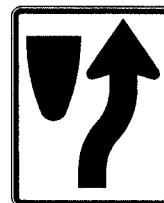
③④  
R TYPE (SPECIALTY)  
48" X 30" PANEL  
4" D BLACK LETTERS  
WHITE BACKGROUND  
BLACK BORDER



⑬  
R3-5L  
30" X 36"



⑭  
R3-8 (MODIFIED)  
30" X 30"



⑮  
R4-7  
24" X 30"



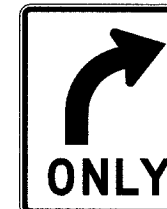
⑯  
R6-1R  
36" X 12"



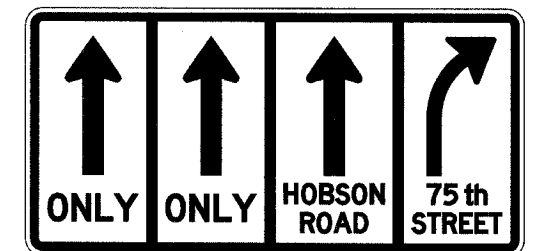
⑰  
R10-11a  
24" X 30"



⑱  
S1-1  
36" X 36"



③⑩  
R3-5R  
30" X 36"



③⑤  
R TYPE (SPECIALTY)  
72" X 36" PANEL  
(SEE DETAIL FOR LETTERS)  
WHITE BACKGROUND  
BLACK BORDER



⑲  
W4-7  
30" X 30"



⑳  
W9-1R  
36" X 36"



㉑  
W9-2L  
36" X 36"



㉒  
W11-1  
30" X 30"



㉓  
W14-4  
30" X 30"



②④  
W-TYPE (SPECIALTY)  
30" X 30" PANEL  
4" C BLACK LETTERS  
YELLOW BACKGROUND  
BLACK BORDER



②⑦  
W9-1R  
30" X 30"




③①  
R3-7R  
30" X 30"

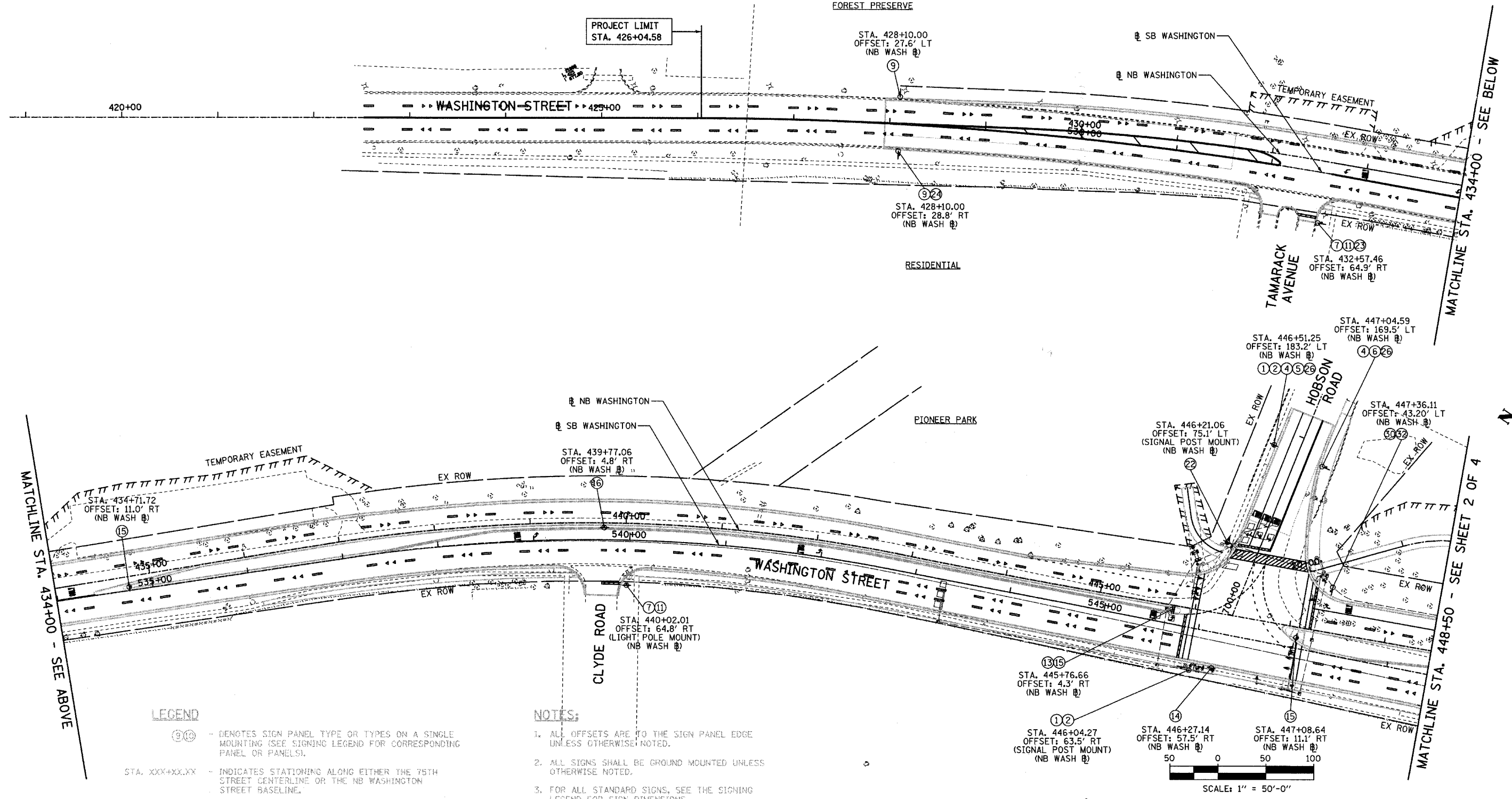
REVISIONS	
NAME	DATE

INTERSECTION IMPROVEMENT  
WASHINGTON STREET - 75th STREET  
PROPOSED SIGNING LEGEND  
75TH AND WASHINGTON  
SHEET 1 OF 1

CONSULTANT  
**TYLIN** INTERNATIONAL

City of  **Naperville**

DRAWN: \_\_\_\_\_ SHEET NO. \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 APPROVED: \_\_\_\_\_  
 DATE: APRIL 11, 2008  
 SCALE: N.T.S.  
 JOB NO.: P-91-494-00 PROJECT NO.: M-CMM-7003 (985)

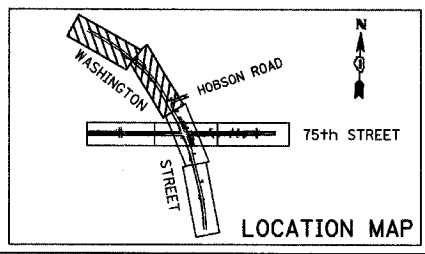


**LEGEND**

- (9) - DENOTES SIGN PANEL TYPE OR TYPES ON A SINGLE MOUNTING (SEE SIGNING LEGEND FOR CORRESPONDING PANEL OR PANELS).
- STA. XXX+XX.XX - INDICATES STATIONING ALONG EITHER THE 75th STREET CENTERLINE OR THE NB WASHINGTON STREET BASELINE.
- OFFSET: XX.X' RT OR LT - INDICATES OFFSET FROM EITHER THE 75th STREET CENTERLINE OR THE NB WASHINGTON STREET BASELINE.
- (SIGNAL POST MOUNT) - INDICATES MOUNTING TYPE; IF IT IS NOT DENOTED, THE PANEL IS GROUND MOUNTED.
- (75th ST) - DENOTES THE ALIGNMENT BEING USED FOR STATIONING AND OFFSET.

**NOTES:**

1. ALL OFFSETS ARE TO THE SIGN PANEL EDGE UNLESS OTHERWISE NOTED.
2. ALL SIGNS SHALL BE GROUND MOUNTED UNLESS OTHERWISE NOTED.
3. FOR ALL STANDARD SIGNS, SEE THE SIGNING LEGEND FOR SIGN DIMENSIONS.



REVISIONS	
NAME	DATE

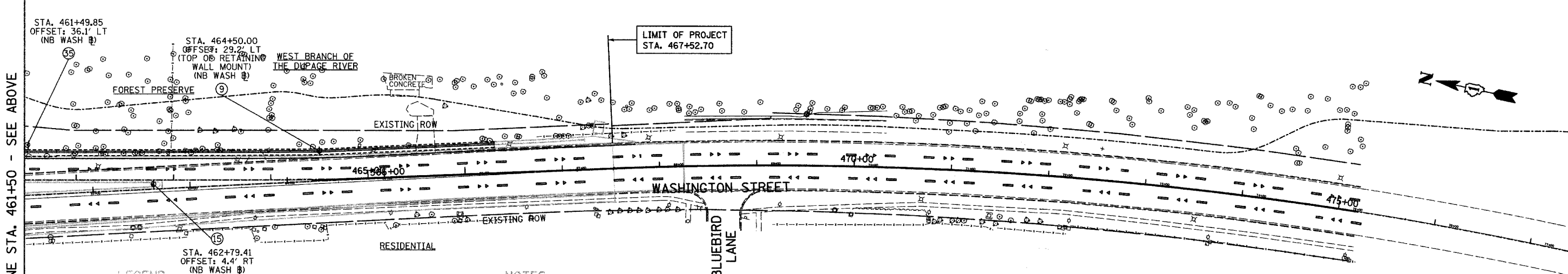
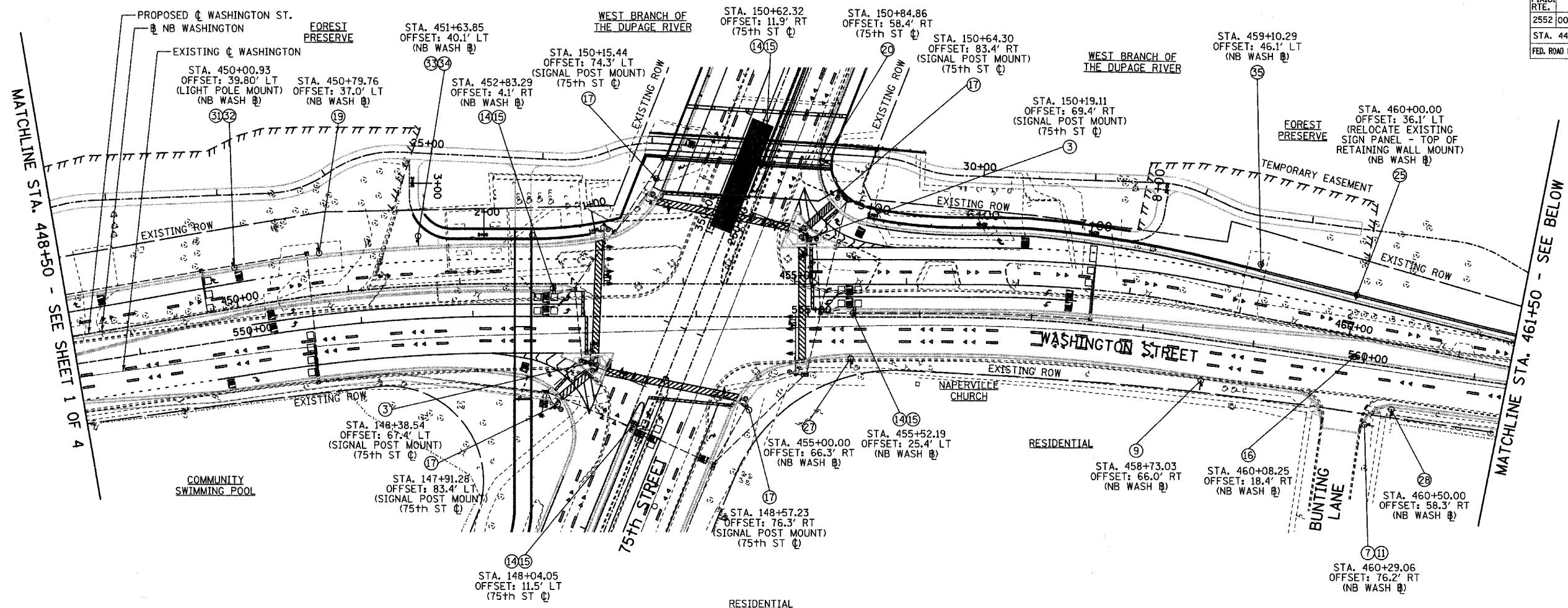
**INTERSECTION IMPROVEMENT**  
**WASHINGTON STREET - 75th STREET**  
**PROPOSED SIGNING PLAN**  
**WASHINGTON STREET**  
 SHEET 1 OF 4  
 STA. 426+04.58 TO STA. 448+50.00  
 CONSULTANT  
**TYLIN INTERNATIONAL**

City of **Naperville**

DRAWN:	SHEET NO.:
CHECKED:	
APPROVED:	
DATE: APRIL 11, 2008	
SCALE:	
JOB NO. P-91-494-00	PROJECT NO. M-CMM-7003 (985)

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F.A.U. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00114-00-PV	DuPAGE	563	183
STA. 448+50		TO STA. 467+55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 63024				

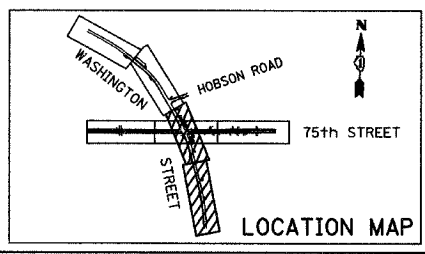
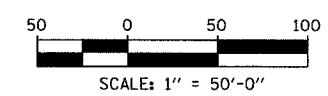


**LEGEND**

- (9) - DENOTES SIGN PANEL TYPE OR TYPES ON A SINGLE MOUNTING (SEE SIGNING LEGEND FOR CORRESPONDING PANEL OR PANELS).
- STA. XXX+XX.XX - INDICATES STATIONING ALONG EITHER THE 75TH STREET CENTERLINE OR THE NB WASHINGTON STREET BASELINE.
- OFFSET: XX.X' RT OR LT - INDICATES OFFSET FROM EITHER THE 75TH STREET CENTERLINE OR THE NB WASHINGTON STREET BASELINE.
- (SIGNAL POST MOUNT) - INDICATES MOUNTING TYPE; IF IT IS NOT DENOTED, THE PANEL IS GROUND MOUNTED.
- (75th ST @) - DENOTES THE ALIGNMENT BEING USED FOR STATIONING AND OFFSET.

**NOTES:**


1. ALL OFFSETS ARE TO THE SIGN PANEL EDGE UNLESS OTHERWISE NOTED.
2. ALL SIGNS SHALL BE GROUND MOUNTED UNLESS OTHERWISE NOTED.
3. FOR ALL STANDARD SIGNS, SEE THE SIGNING LEGEND FOR SIGN DIMENSIONS.



REVISIONS	
NAME	DATE

INTERSECTION IMPROVEMENT  
 WASHINGTON STREET - 75th STREET  
 PROPOSED SIGNING PLAN  
 WASHINGTON STREET  
 SHEET 2 OF 4  
 STA. 448+50.00 TO STA. 467+52.70

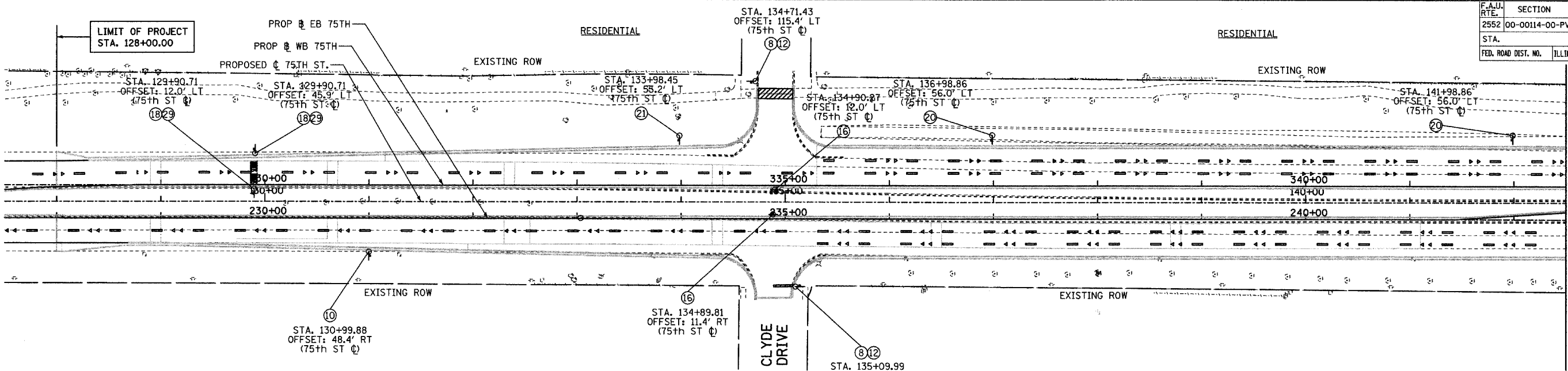
CONSULTANT  
**TYLIN INTERNATIONAL**

City of  **Naperville**

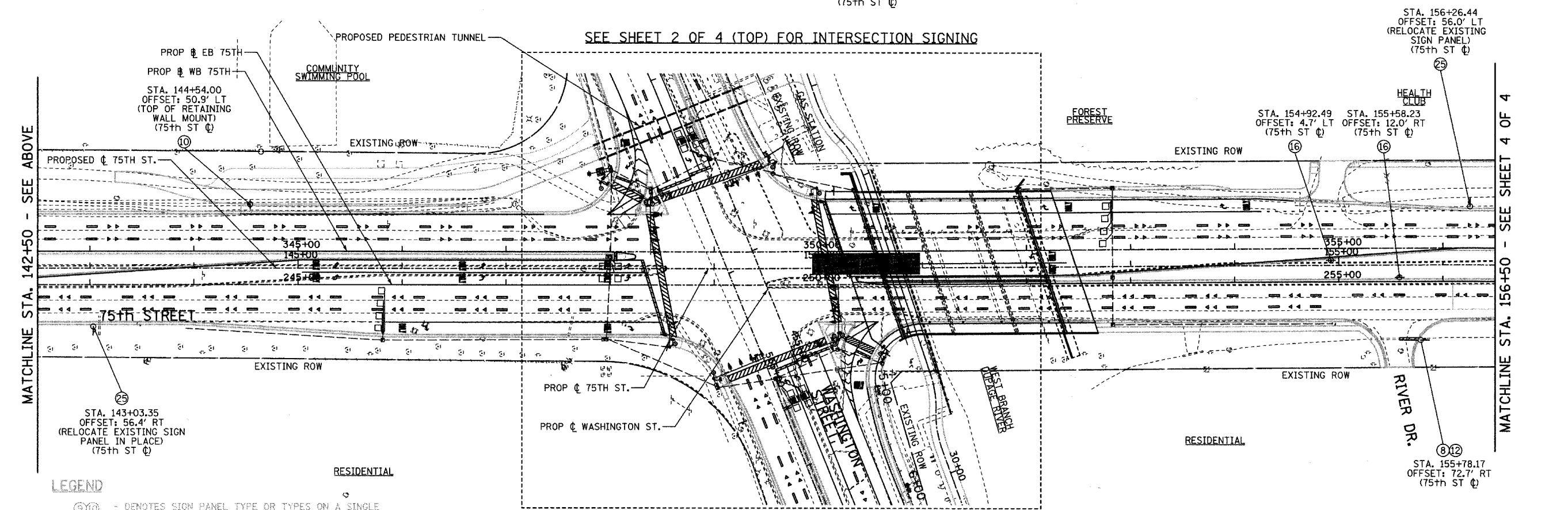
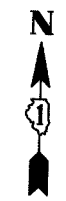
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 CHECKED: \_\_\_\_\_  
 APPROVED: \_\_\_\_\_  
 DATE: APRIL 11, 2008  
 SCALE: \_\_\_\_\_  
 JOB NO.: P-91-494-00 PROJECT NO.: M-CMM-7003 (985)

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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00114-00-PV	DUPAGE	563	184
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 63024				



MATCHLINE STA. 142+50 - SEE BELOW



MATCHLINE STA. 156+50 - SEE SHEET 4 OF 4

LIMIT OF PROJECT  
STA. 128+00.00

SEE SHEET 2 OF 4 (TOP) FOR INTERSECTION SIGNING

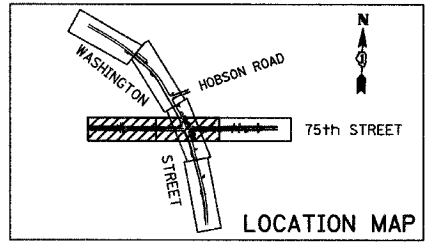
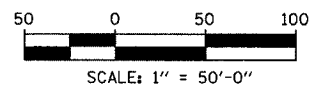
MATCHLINE STA. 142+50 - SEE ABOVE

**LEGEND**

- (S) - DENOTES SIGN PANEL TYPE OR TYPES ON A SINGLE MOUNTING (SEE SIGNING LEGEND FOR CORRESPONDING PANEL OR PANELS).
- STA. XXX+XX.XX - INDICATES STATIONING ALONG EITHER THE 75TH STREET CENTERLINE OR THE NB WASHINGTON STREET BASELINE.
- OFFSET: XX.X' RT OR LT - INDICATES OFFSET FROM EITHER THE 75TH STREET CENTERLINE OR THE NB WASHINGTON STREET BASELINE.
- (SIGNAL POST MOUNT) - INDICATES MOUNTING TYPE; IF IT IS NOT DENOTED, THE PANEL IS GROUND MOUNTED.
- (75th ST C) - DENOTES THE ALIGNMENT BEING USED FOR STATIONING AND OFFSET.

**NOTES:**

1. ALL OFFSETS ARE TO THE SIGN PANEL EDGE UNLESS OTHERWISE NOTED.
2. ALL SIGNS SHALL BE GROUND MOUNTED UNLESS OTHERWISE NOTED.
3. FOR ALL STANDARD SIGNS, SEE THE SIGNING LEGEND FOR SIGN DIMENSIONS.



REVISIONS	
NAME	DATE

**INTERSECTION IMPROVEMENT**  
**WASHINGTON STREET - 75th STREET**  
**PROPOSED SIGNING PLAN**  
**75th STREET**  
 SHEET 3 OF 4  
 STA. 128+00.00 TO STA. 156+50.00  
 CONSULTANT  
**TYLIN INTERNATIONAL**

City of **Naperville**

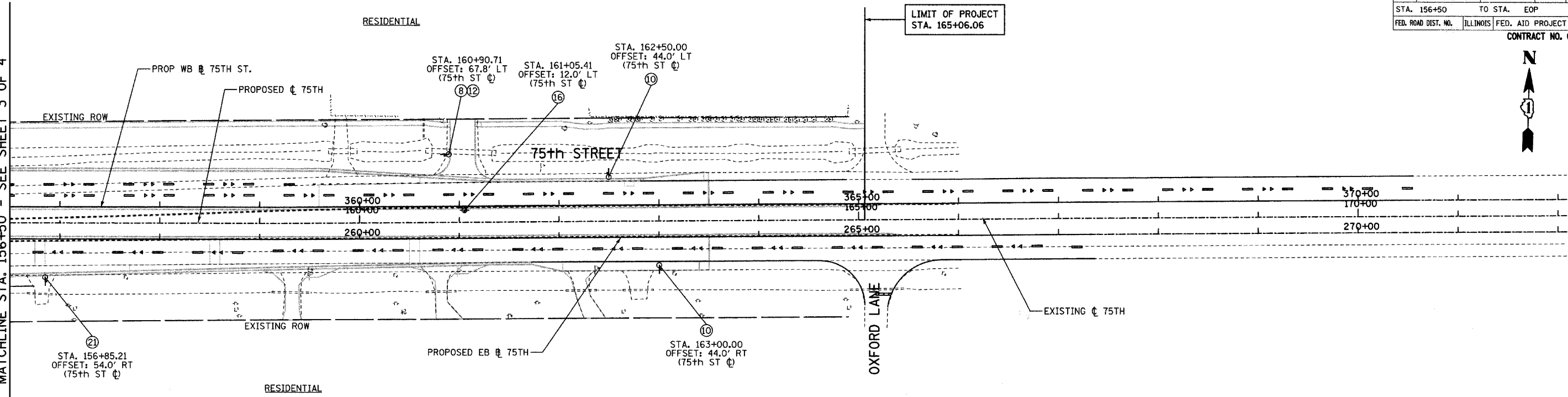
DRAWN: _____	SHEET NO. _____
CHECKED: _____	
APPROVED: _____	
DATE: APRIL 11, 2008	
SCALE: _____	
JOB NO.: P-91-494-00	PROJECT NO.: M-CMM-7003 (985)

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F.A.B. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00114-00-PV	DuPAGE	563	185
STA. 156+50	TO STA.	EOP		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 63024				



MATCHLINE STA. 156+50 - SEE SHEET 3 OF 4

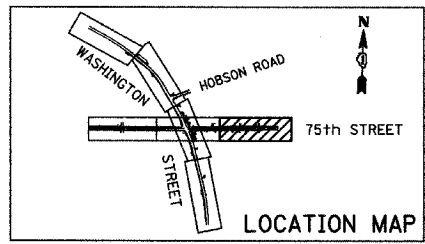
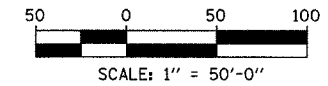


**LEGEND**

- (10) - DENOTES SIGN PANEL TYPE OR TYPES ON A SINGLE MOUNTING (SEE SIGNING LEGEND FOR CORRESPONDING PANEL OR PANELS).
- STA. XXX+XX.XX - INDICATES STATIONING ALONG EITHER THE 75TH STREET CENTERLINE OR THE NB WASHINGTON STREET BASELINE.
- OFFSET: XX.X' RT OR LT - INDICATES OFFSET FROM EITHER THE 75TH STREET CENTERLINE OR THE NB WASHINGTON STREET BASELINE.
- (SIGNAL POST MOUNT) - INDICATES MOUNTING TYPE; IF IT IS NOT DENOTED, THE PANEL IS GROUND MOUNTED.
- (75th ST) - DENOTES THE ALIGNMENT BEING USED FOR STATIONING AND OFFSET.

**NOTES:**

1. ALL OFFSETS ARE TO THE SIGN PANEL EDGE UNLESS OTHERWISE NOTED.
2. ALL SIGNS SHALL BE GROUND MOUNTED UNLESS OTHERWISE NOTED.
3. FOR ALL STANDARD SIGNS, SEE THE SIGNING LEGEND FOR SIGN DIMENSIONS.



REVISIONS	
NAME	DATE

**INTERSECTION IMPROVEMENT**  
**WASHINGTON STREET - 75th STREET**  
**PROPOSED SIGNING PLAN**  
**75th STREET**  
 SHEET 4 OF 4  
 STA. 156+50.00 TO 165+06.06  
 CONSULTANT  
**TYLIN INTERNATIONAL**

City of **Naperville**

DRAWN:	SHEET NO.:
CHECKED:	
APPROVED:	
DATE: APRIL 11, 2008	
SCALE:	
JOB NO.: P-91-494-00	PROJECT NO.: M-CMM-7003 (985)

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PROPOSED SIGNING SCHEDULE


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00114-00-PV	DuPAGE	563	186
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 63024				

SIGN NO.	ALIGNMENT	SIGN INFORMATION						SUPPORT INFORMATION			SIGN DESCRIPTION	
		PROP. STATION	OFFSET	TYPE	WIDTH (FT)	HEIGHT (FT)	AREA (FT)	TYPE	POST QUANTITY	POST LENGTH (FT)		BASE FOR TELES. STEEL (EACH)
1	NB WASHINGTON BASELINE	428+10.00	27.6' LT	1	2.0	2.5	5.0	TELESCOPING STEEL	1	14.5		R2-1-"SPEED LIMIT 40"
2	NB WASHINGTON BASELINE	428+10.00	28.8' RT	1	2.0	2.5	5.0	TELESCOPING STEEL	1	18.1		R2-1-"SPEED LIMIT 40"
3	NB WASHINGTON BASELINE	428+10.00	28.8' RT	1	2.5	2.5	9.0	MOUNTED WITH ABOVE				W-TYPE (SPECIALTY) - "HIDDEN ENTRANCE AHEAD"
4	NB WASHINGTON BASELINE	432+57.46	64.9' RT	1	2.5	2.5	6.25	TELESCOPING STEEL	1	20.5		R1-1
5	NB WASHINGTON BASELINE	432+57.46	64.9' RT	1	2.5	2.5	6.25	MOUNTED WITH ABOVE				R3-2
6	NB WASHINGTON BASELINE	432+57.46	64.9' RT	1	2.5	2.5	6.25	MOUNTED WITH ABOVE				W14-4
7	NB WASHINGTON BASELINE	434+71.72	11.0' RT	1	2.0	2.5	5.0	TELESCOPING STEEL	1	14.5		R4-7
8	NB WASHINGTON BASELINE	439+77.06	4.8' RT	1	3.0	1.0	3.0	TELESCOPING STEEL	1	13.0		R6-1R
9	NB WASHINGTON BASELINE	440+02.01	64.8' RT	1	2.5	2.5	6.25	LIGHT POLE MOUNT				R1-1
10	NB WASHINGTON BASELINE	440+02.01	64.8' RT	1	2.5	2.5	6.25	MOUNTED WITH ABOVE				R3-2
11	NB WASHINGTON BASELINE	445+76.66	4.3' RT	1	2.5	3.0	7.5	TELESCOPING STEEL	1	17.5		R3-5L
12	NB WASHINGTON BASELINE	445+76.66	4.3' RT	1	2.0	2.5	5.0	MOUNTED WITH ABOVE				R4-7
13	NB WASHINGTON BASELINE	445+96.25	62.7' RT	1	2.0	2.0	4.0	SIGNAL POST MOUNT				D9-2
14	NB WASHINGTON BASELINE	445+96.25	62.7' RT	1	2.0	0.5	1.0	MOUNTED WITH ABOVE				D9-2A
15	NB WASHINGTON BASELINE	446+21.06	75.1' LT	1	2.5	2.5	6.25	SIGNAL POST MOUNT				W11-1
16	NB WASHINGTON BASELINE	446+27.14	57.5' RT	1	2.5	2.5	6.25	TELESCOPING STEEL	1	9.5	1	R3-8 (MODIFIED)
17	NB WASHINGTON BASELINE	446+51.25	183.2' LT	1	2.0	2.0	4.0	TELESCOPING STEEL	1	17.0		M1-6 - "DU PAGE COUNTY 2"
18	NB WASHINGTON BASELINE	446+51.25	183.2' LT	1	2.0	0.5	1.0	MOUNTED WITH ABOVE				M4-11 - "END"
19	NB WASHINGTON BASELINE	446+51.25	183.2' LT	1	2.0	2.0	4.0	MOUNTED WITH ABOVE				D9-2
20	NB WASHINGTON BASELINE	446+51.25	183.2' LT	1	2.0	0.5	1.0	MOUNTED WITH ABOVE				D9-2A
21	NB WASHINGTON BASELINE	446+51.25	183.2' LT	1	1.0	3.0	3.0	MOUNTED WITH ABOVE				OM-3L
22	NB WASHINGTON BASELINE	447+04.59	169.5' LT	1	2.0	2.0	4.0	TELESCOPING STEEL	1	9.5	1	M1-6 - "DU PAGE COUNTY 2"
23	NB WASHINGTON BASELINE	447+04.59	169.5' LT	1	2.0	0.5	1.0	MOUNTED WITH ABOVE				M4-12 - "BEGIN"
24	NB WASHINGTON BASELINE	447+04.59	169.5' LT	1	1.0	3.0	3.0	MOUNTED WITH ABOVE				OM-3L
25	NB WASHINGTON BASELINE	447+08.64	11.1' RT	1	2.0	2.5	5.0	TELESCOPING STEEL	1	14.5		R4-7
26	NB WASHINGTON BASELINE	447+23.57	55.9' LT	1	2.0	2.5	5.0	SIGNAL POST MOUNT				R10-11a
27	NB WASHINGTON BASELINE	447+36.11	43.2' LT	1	2.5	3.0	7.5	TELESCOPING STEEL	1	15.5		R3-5R
28	NB WASHINGTON BASELINE	447+36.11	43.2' LT	1	2.5	0.5	1.25	MOUNTED WITH ABOVE				R TYPE (SPECIALTY)-"HOBSON ROAD"
29	NB WASHINGTON BASELINE	450+00.93	39.8' LT	1	2.5	2.5	6.25	TELESCOPING STEEL	1	15.0		R3-7R
30	NB WASHINGTON BASELINE	450+00.93	39.8' LT	1	2.5	0.5	1.25	MOUNTED WITH ABOVE				R TYPE (SPECIALTY)-"HOBSON ROAD"
31	NB WASHINGTON BASELINE	450+79.76	37.0' LT	1	2.5	2.5	6.25	TELESCOPING STEEL	1	15.6		W4-7
32	NB WASHINGTON BASELINE	451+63.85	40.1' LT	2	4.0	2.5	10.0	TELESCOPING STEEL	1	15.0		R TYPE (SPECIALTY)
33	NB WASHINGTON BASELINE	451+63.85	40.1' LT	1	4.0	0.5	2.0	MOUNTED WITH ABOVE				R TYPE (SPECIALTY)-"HOBSON ROAD"
34	NB WASHINGTON BASELINE	452+83.29	4.1' RT	1	2.5	2.5	6.25	TELESCOPING STEEL	1	17.0		R3-8 (MODIFIED)
35	NB WASHINGTON BASELINE	452+83.29	4.1' RT	1	2.0	2.5	5.0	MOUNTED WITH ABOVE				R4-7
36	NB WASHINGTON BASELINE	455+00.00	66.3' RT	1	2.5	2.5	6.25	TELESCOPING STEEL	1	15.6		W9-1R
37	NB WASHINGTON BASELINE	455+52.19	25.4' LT	1	2.5	2.5	6.25	TELESCOPING STEEL	1	17.0		R3-8 (MODIFIED)
38	NB WASHINGTON BASELINE	455+52.19	25.4' LT	1	2.0	2.5	5.0	MOUNTED WITH ABOVE				R4-7
39	NB WASHINGTON BASELINE	458+73.03	66.0' RT	1	2.0	2.5	5.0	TELESCOPING STEEL	1	14.5		R2-1-"SPEED LIMIT 40"
40	NB WASHINGTON BASELINE	459+10.29	46.1' LT	2	6.0	3.0	18.0	WOOD SIGN SUPPORT	2	39.0		R TYPE (SPECIALTY)
41	NB WASHINGTON BASELINE	460+00.00	36.1' LT	2	2.5	4.0	10.0	TELESCOPING STEEL	1	11.0	1	RELOCATED EXISTING SIGN PANEL - "DOWNTOWN NAPERVILLE WITH UP ARROW"
42	NB WASHINGTON BASELINE	460+08.25	18.4' RT	1	3.0	1.0	3.0	TELESCOPING STEEL	1	13.0		R6-1R
43	NB WASHINGTON BASELINE	460+29.06	76.2' RT	1	2.5	2.5	6.25	TELESCOPING STEEL	1	17.0		R1-1
44	NB WASHINGTON BASELINE	460+29.06	76.2' RT	1	2.5	2.5	6.25	MOUNTED WITH ABOVE				R3-2
45	NB WASHINGTON BASELINE	460+50.00	58.3' RT	1	2.5	2.5	6.25	TELESCOPING STEEL	1	10.6	1	W9-2L
46	NB WASHINGTON BASELINE	461+49.85	36.1' LT	2	6.0	3.0	18.0	WOOD SIGN SUPPORT	2	36.5		R TYPE (SPECIALTY)
47	NB WASHINGTON BASELINE	462+79.41	4.4' RT	1	2.0	2.5	5.0	TELESCOPING STEEL	1	14.5		R4-7
48	NB WASHINGTON BASELINE	464+50.00	29.2' LT	1	2.0	2.5	5.0	TELESCOPING STEEL	1	9.5	1	R2-1-"SPEED LIMIT 40"
49	75TH ST CENTERLINE	129+90.71	12.0' LT	1	3.0	3.0	9.0	TELESCOPING STEEL	1	16.0		S1-1
50	75TH ST CENTERLINE	129+90.71	12.0' LT	1	2.0	1.0	2.0	MOUNTED WITH ABOVE				W16-9b - "AHEAD"
51	75TH ST CENTERLINE	129+90.71	45.9' LT	1	3.0	3.0	9.0	TELESCOPING STEEL	1	16.0		S1-1
52	75TH ST CENTERLINE	129+90.71	45.9' LT	1	2.0	1.0	2.0	MOUNTED WITH ABOVE				W16-9b - "AHEAD"
53	75TH ST CENTERLINE	130+99.98	48.4' RT	2	3.0	4.0	12.0	TELESCOPING STEEL	1	16.0		R2-1 -"SPEED LIMIT 45"
54	75TH ST CENTERLINE	133+98.45	55.2' LT	1	3.0	3.0	9.0	TELESCOPING STEEL	1	16.3		W9-2L

REVISIONS	
NAME	DATE

INTERSECTION IMPROVEMENT  
WASHINGTON STREET - 75th STREET  
PROPOSED SIGNING SCHEDULE  
75TH AND WASHINGTON  
SHEET 1 OF 2

CONSULTANT  
**TYLIN INTERNATIONAL**

City of  **Naperville**

DRAWN: \_\_\_\_\_ SHEET NO. \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 APPROVED: \_\_\_\_\_  
 DATE: APRIL 11, 2008  
 SCALE: \_\_\_\_\_  
 JOB NO: P-91-494-00 PROJECT NO: M-CMM-7003 (985)

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PROPOSED SIGNING SCHEDULE


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00114-00-PV	DuPAGE	563	187
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 63024				

SIGN NO.	ALIGNMENT	SIGN INFORMATION						SUPPORT INFORMATION			SIGN DESCRIPTION	
		PROP. STATION	OFFSET	TYPE	WIDTH (FT)	HEIGHT (FT)	AREA (FT)	TYPE	POST QUANTITY	POST LENGTH (FT)		BASE FOR TELES. STEEL (EACH)
55	75TH ST CENTERLINE	134+71.43	115.4' LT	1	3.0	3.0	9.0	TELESCOPING STEEL	1	18.0		R1-1
56	75TH ST CENTERLINE	134+74.43	115.4' LT	1	3.0	3.0	9.0	MOUNTED WITH ABOVE				R3-2
57	75TH ST CENTERLINE	134+89.81	11.4' RT	1	3.0	1.0	3.0	TELESCOPING STEEL	1	13.0		R6-1R
58	75TH ST CENTERLINE	134+90.27	12.0' LT	1	3.0	1.0	3.0	TELESCOPING STEEL	1	13.0		R6-1R
59	75TH ST CENTERLINE	135+09.99	81.5' RT	1	3.0	3.0	9.0	TELESCOPING STEEL	1	18.0		R1-1
60	75TH ST CENTERLINE	135+09.99	81.5' RT	1	3.0	3.0	9.0	MOUNTED WITH ABOVE				R3-2
61	75TH ST CENTERLINE	136+98.86	56.0' LT	1	3.0	3.0	9.0	TELESCOPING STEEL	1	16.3		W9-1R
62	75TH ST CENTERLINE	141+98.86	56.0' LT	1	3.0	3.0	9.0	TELESCOPING STEEL	1	16.3		W9-1R
63	75TH ST CENTERLINE	143+03.35	56.4' RT	2	2.5	4.0	10.0	TELESCOPING STEEL	1	16.0		RELOCATED EXISTING SIGN PANEL - "DOWNTOWN NAPERVILLE WITH UP ARROW"
64	75TH ST CENTERLINE	144+54.00	50.9' RT	2	3.0	4.0	12.0	TELESCOPING STEEL	1	11.0	1	R2-1 -"SPEED LIMIT 45"
65	75TH ST CENTERLINE	147+91.28	83.4' LT	1	2.0	2.5	5.0	SIGNAL POST MOUNT				R10-11a
66	75TH ST CENTERLINE	148+04.05	11.5' LT	1	2.5	2.5	6.25	TELESCOPING STEEL	1	17.0		R3-8 (MODIFIED)
67	75TH ST CENTERLINE	148+04.05	11.5' LT	1	2.0	2.5	5.0	MOUNTED WITH ABOVE				R4-7
68	75TH ST CENTERLINE	148+35.71	74.9' RT	1	2.0	2.5	5.0	SIGNAL POST MOUNT				R10-11a
69	75TH ST CENTERLINE	148+41.34	67.4' LT	1	2.5	2.5	6.25	SIGNAL POST MOUNT				M1-6 - "DU PAGE COUNTY 33"
70	75TH ST CENTERLINE	150+14.70	67.3' RT	1	2.5	2.5	6.25	SIGNAL POST MOUNT				M1-6 - "DU PAGE COUNTY 33"
71	75TH ST CENTERLINE	150+15.44	74.3' LT	1	2.0	2.5	5.0	SIGNAL POST MOUNT				R10-11a
72	75TH ST CENTERLINE	150+62.32	11.9' RT	1	2.5	2.5	6.25	TELESCOPING STEEL	1	17.0		R3-8 (MODIFIED)
73	75TH ST CENTERLINE	150+62.32	11.9' RT	1	2.0	2.5	5.0	MOUNTED WITH ABOVE				R4-7
74	75TH ST CENTERLINE	150+64.30	83.4' LT	1	2.0	2.5	5.0	SIGNAL POST MOUNT				R10-11a
75	75TH ST CENTERLINE	150+84.86	58.4' RT	1	3.0	3.0	9.0	TELESCOPING STEEL	1	11.3	1	W9-1R
76	75TH ST CENTERLINE	154+92.49	4.7' LT	1	3.0	1.0	3.0	TELESCOPING STEEL	1	13.0		R6-1R
77	75TH ST CENTERLINE	155+58.23	12.0' RT	1	3.0	1.0	3.0	TELESCOPING STEEL	1	13.0		R6-1R
78	75TH ST CENTERLINE	155+78.17	72.7' RT	1	3.0	3.0	9.0	TELESCOPING STEEL	1	18.0		R1-1
79	75TH ST CENTERLINE	155+78.17	72.7' RT	1	3.0	3.0	9.0	MOUNTED WITH ABOVE				R3-2
80	75TH ST CENTERLINE	156+26.44	56.0' LT	2	2.5	4.0	10.0	TELESCOPING STEEL	1	16.0		RELOCATED EXISTING SIGN PANEL - "DOWNTOWN NAPERVILLE WITH UP ARROW"
81	75TH ST CENTERLINE	156+85.21	54.0' RT	1	3.0	3.0	9.0	TELESCOPING STEEL	1	16.3		W9-2L
82	75TH ST CENTERLINE	160+05.41	12.0' LT	1	3.0	1.0	3.0	TELESCOPING STEEL	1	13.0		R6-1R
83	75TH ST CENTERLINE	160+90.71	67.8' LT	1	3.0	3.0	9.0	TELESCOPING STEEL	1	18.0		R1-1
84	75TH ST CENTERLINE	160+90.71	67.8' LT	1	3.0	3.0	9.0	MOUNTED WITH ABOVE				R3-2
85	75TH ST CENTERLINE	162+50.00	44.0' LT	2	3.0	4.0	12.0	TELESCOPING STEEL	1	16.0		R2-1
86	75TH ST CENTERLINE	163+00.00	44.0' RT	2	3.0	4.0	12.0	TELESCOPING STEEL	1	16.0		R2-1

REVISIONS	
NAME	DATE

INTERSECTION IMPROVEMENT  
 WASHINGTON STREET - 75th STREET  
 PROPOSED SIGNING SCHEDULE  
 75TH AND WASHINGTON  
 SHEET 2 OF 2

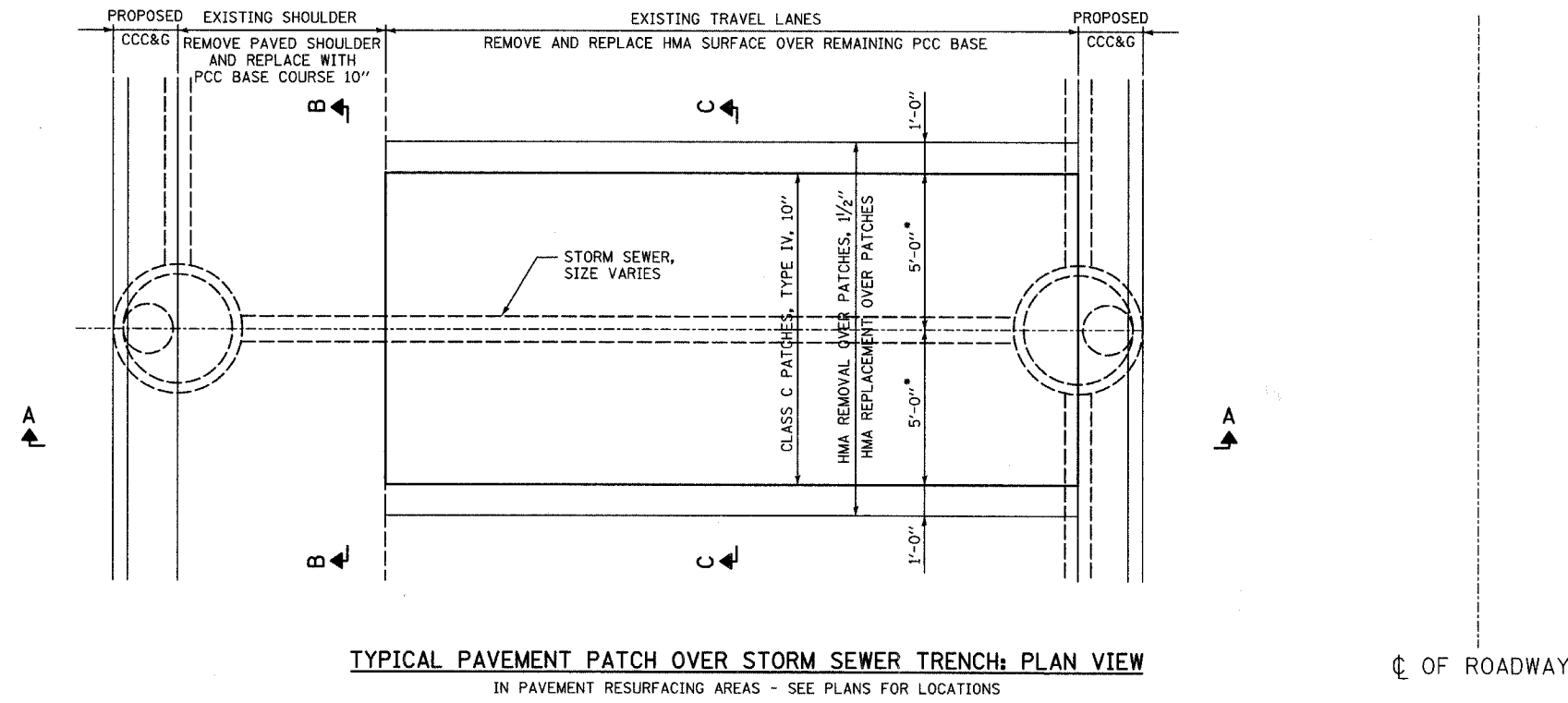
CONSULTANT  
**TYLIN INTERNATIONAL**

City of  **Naperville**

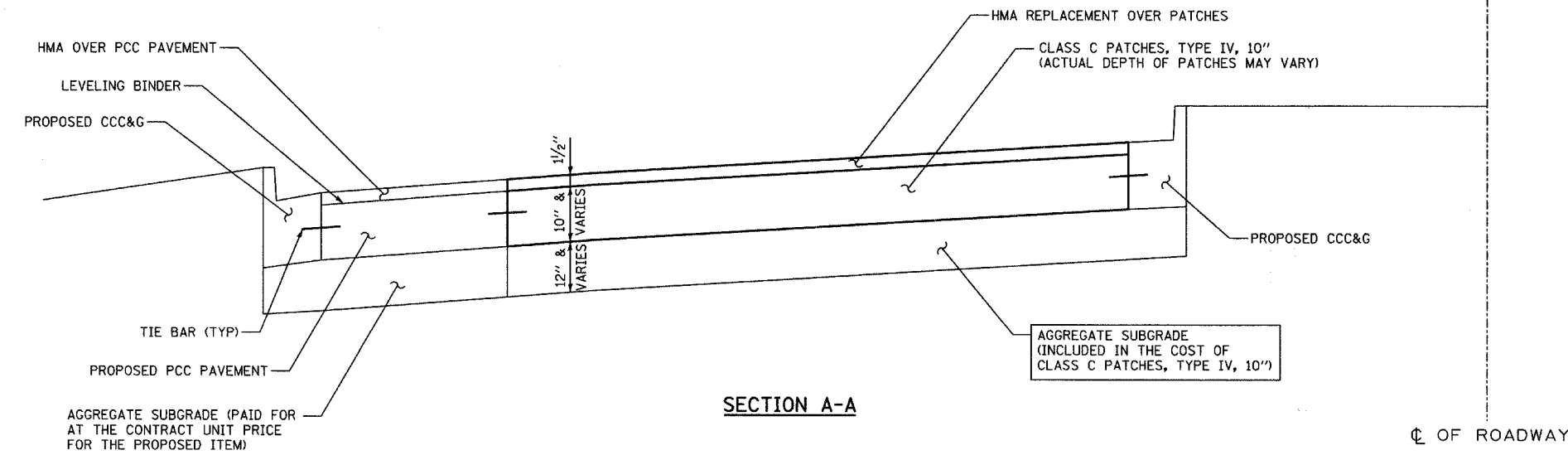
DRAWN: \_\_\_\_\_ SHEET NO. \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 APPROVED: \_\_\_\_\_  
 DATE: APRIL 11, 2008  
 SCALE: \_\_\_\_\_  
 JOB NO.: P-91-494-00 PROJECT NO.: M-CMM-7003 (985)

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00114-00-PV	DuPAGE	563	188
STA.	TO STA.			
FED. ROAD DIST. #:	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 63024				



**TYPICAL PAVEMENT PATCH OVER STORM SEWER TRENCH: PLAN VIEW**  
IN PAVEMENT RESURFACING AREAS - SEE PLANS FOR LOCATIONS



**SECTION A-A**


**NOTES:**

- QUANTITIES HAVE BEEN PROVIDED FOR A MAXIMUM TRENCH WIDTH OF 5'-0" EITHER SIDE FROM THE SEWER OR DRAINAGE STRUCTURE CENTER LINE. TRENCH WIDTH AND PATCH MAY BE REDUCED BY THE CONTRACTOR UPON APPROVAL OF THE ENGINEER.

REVISIONS	
NAME	DATE

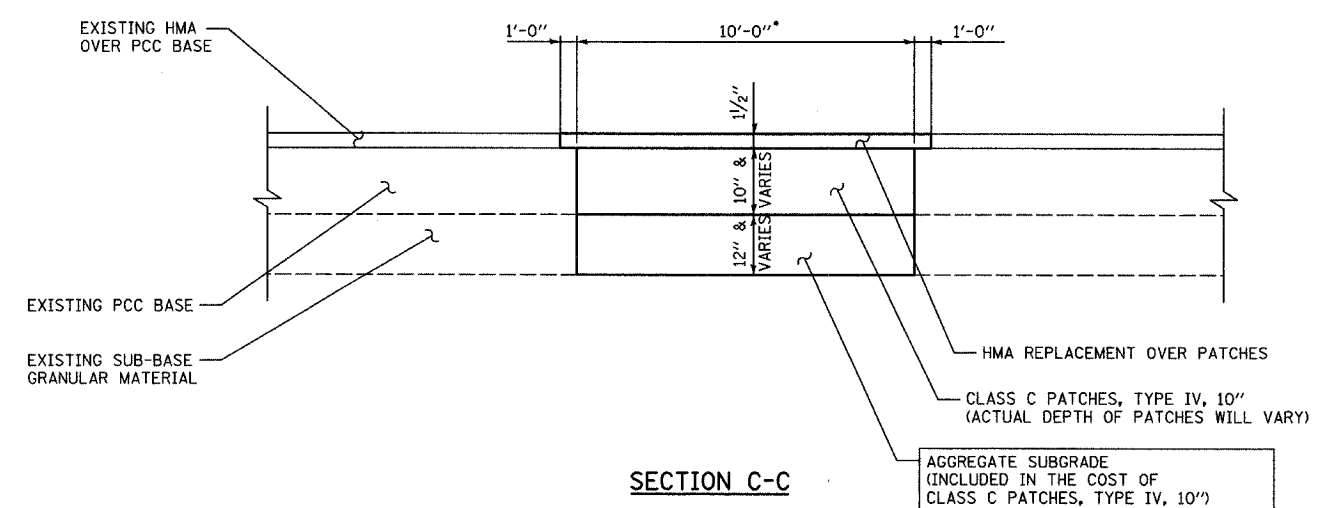
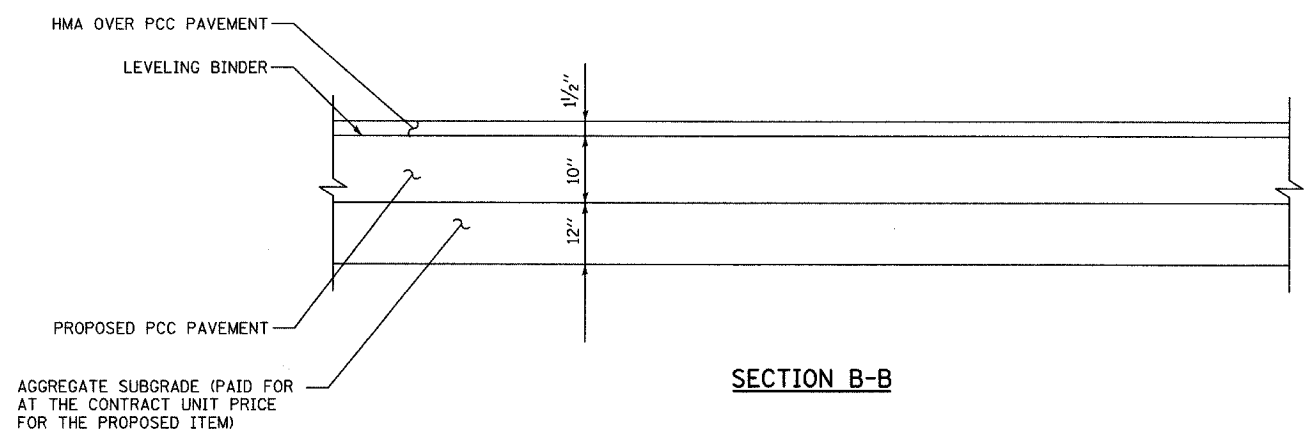
INTERSECTION IMPROVEMENT  
WASHINGTON STREET - 75th STREET  
MISCELLANEOUS DETAILS:  
PAVEMENT PATCHING OVER SEWER  
TRENCHES: PLAN AND ELEVATION  
SHEET 1 OF 2

CONSULTANT  
**TYLIN INTERNATIONAL**

City of  **Naperville**

DRAWN: \_\_\_\_\_ SHEET NO. \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00114-00-PV	DuPAGE	563	189
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 63024				



**NOTES:**


- QUANTITIES HAVE BEEN PROVIDED FOR A MAXIMUM TRENCH WIDTH OF 5'-0" EITHER SIDE FROM SEWER OR DRAINAGE STRUCTURE CENTER LINE. TRENCH WIDTH AND PATCH MAY BE REDUCED BY THE CONTRACTOR UPON APPROVAL OF THE ENGINEER.

ADDITIONAL THICKNESS OF PROPOSED CLASS C PATCHES NEEDED TO MATCH EXISTING PCC BASE COURSE SHALL BE INCLUDED IN THE COST OF CLASS C PATCHES, TYPE IV 10 INCH.

REVISIONS	
NAME	DATE

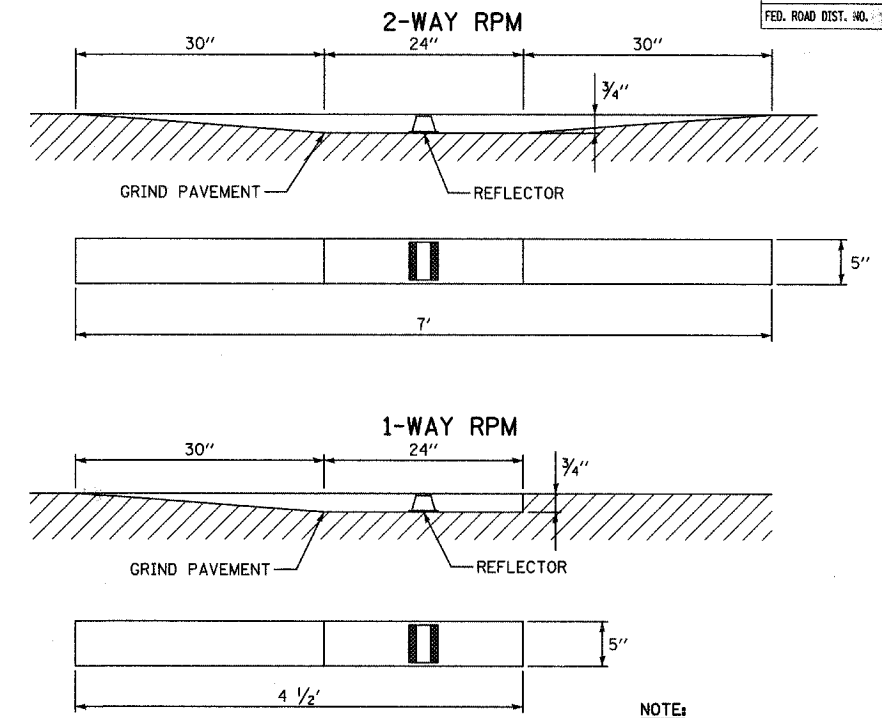
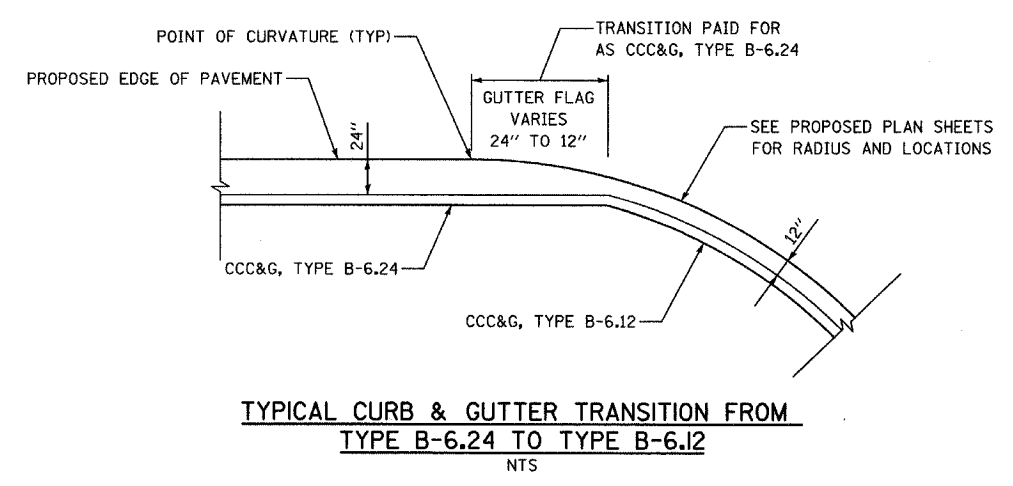
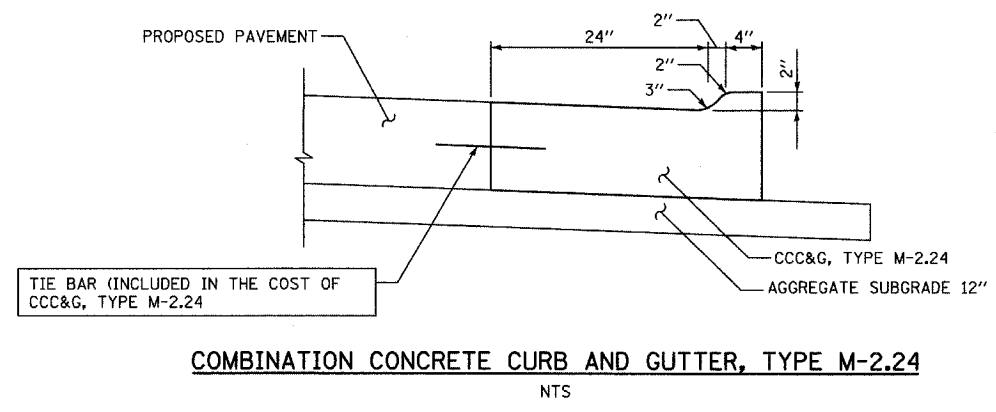
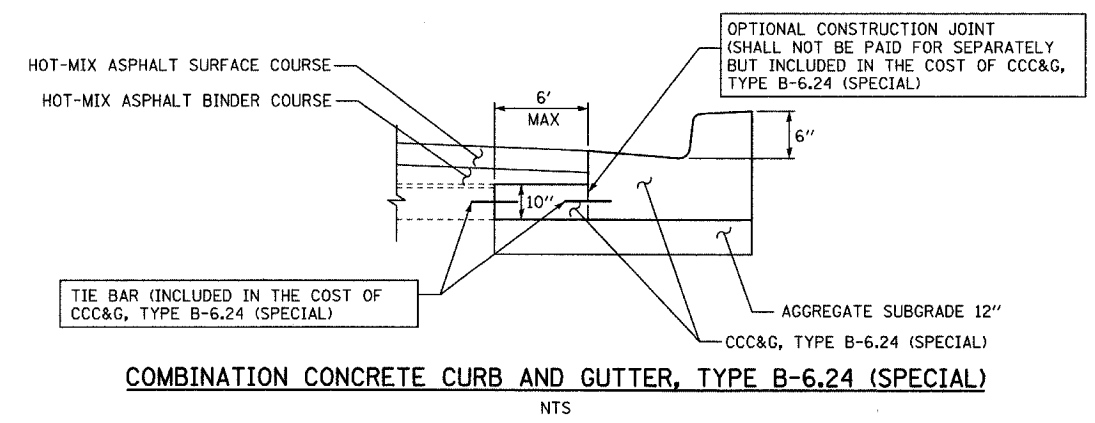
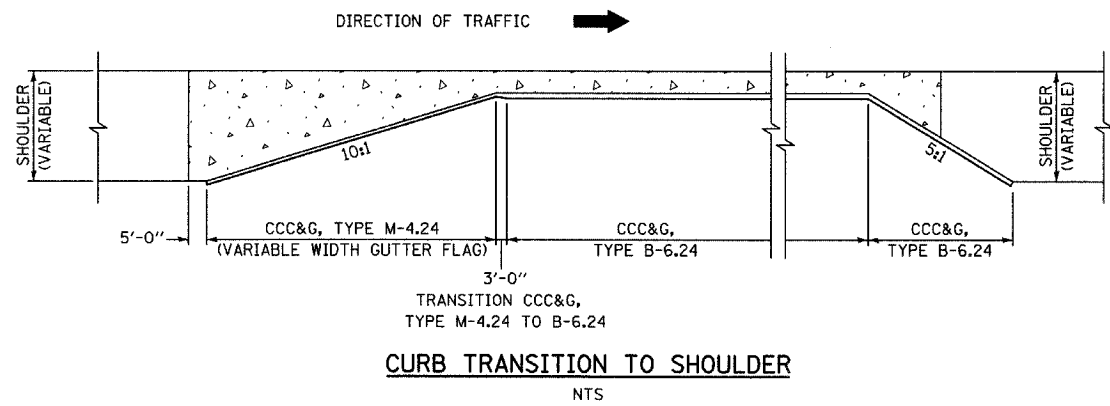
INTERSECTION IMPROVEMENT  
 WASHINGTON STREET - 75th STREET  
 MISCELLANEOUS DETAILS:  
 PAVEMENT PATCHING OVER SEWER  
 TRENCHES: TYPICAL SECTIONS  
 SHEET 2 OF 2

CONSULTANT  
**TYLIN** INTERNATIONAL

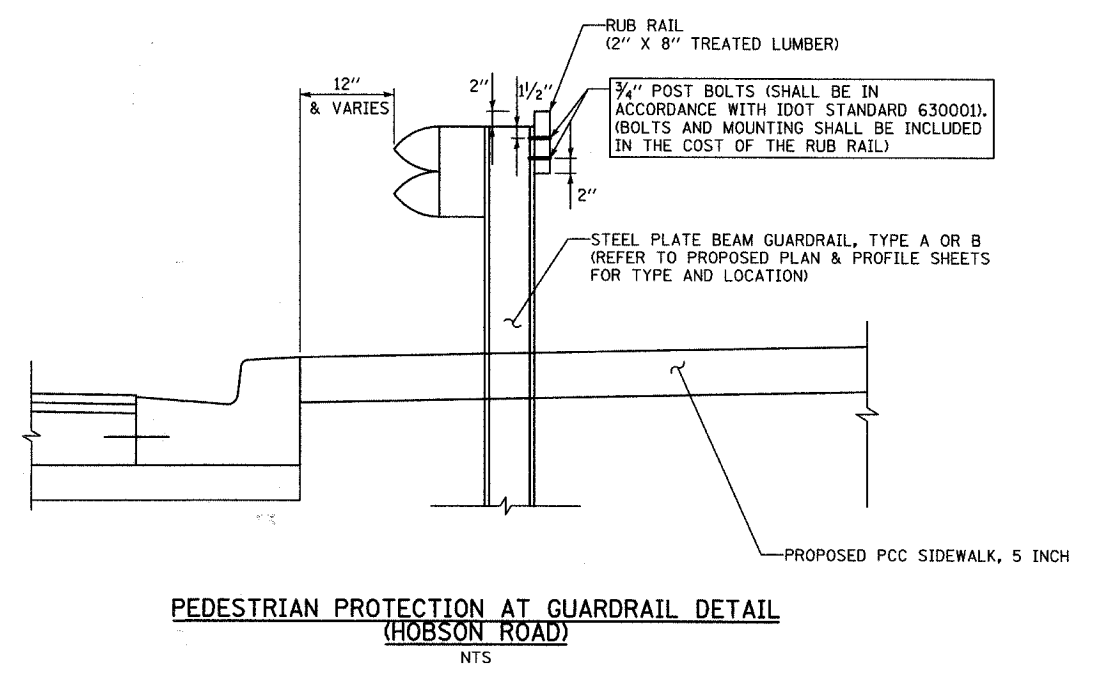
City of  **Naperville**

DRAWN: \_\_\_\_\_ SHEET NO. \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 APPROVED: \_\_\_\_\_  
 DATE: APRIL 11, 2008  
 SCALE: \_\_\_\_\_  
 JOB NO.: P-91-494-00 PROJECT NO.: M-CMM-7003 (985)

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**NOTE:**  
THE RECESSED REFLECTIVE PAVEMENT MARKERS SHALL BE 3M SERIES 190 OR ENGINEER APPROVED EQUAL. PLACEMENT OF RECESSED REFLECTIVE PAVEMENT MARKERS SHALL BE IN ACCORDANCE WITH IDOT DIST. 1 STANDARD TC-11.



REVISIONS		INTERSECTION IMPROVEMENT WASHINGTON STREET - 75th STREET MISCELLANEOUS DETAILS: SHEET 1 OF 1	City of Naperville
NAME	DATE		
		CONSULTANT <b>TYLIN INTERNATIONAL</b>	DRAWN: _____
			CHECKED: _____
			APPROVED: _____
			DATE: APRIL 11, 2008
			SCALE: _____
			JOB NO.: P-91-494-00
		PROJECT NO.: M-CMM-7003 (985)	SHEET NO. _____

### TRAFFIC SIGNAL LEGEND

PROPOSED	EXISTING	PROPOSED	EXISTING

- ### TRAFFIC SIGNAL NOTES:
- THE REMOVAL AND REPLACEMENT OF SIDEWALK, DRIVEWAY, MEDIAN AND ISLAND SURFACE PAVING AT HANDHOLES, JACKING PITS, AND INSPECTION OPENINGS SHALL BE SAW CUT AROUND THE AREA TO BE REMOVED. THE REMOVAL AND REPLACEMENT OF THE SIDEWALK, DRIVEWAY, MEDIAN AND ISLAND SURFACE PAVING WILL BE PAID FOR SEPARATELY.
  - THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY COMPONENTS OF THE TRAFFIC SIGNAL SYSTEM. FOR LOCATION OF UTILITIES CALL J.U.L.I.E. TOLL FREE NUMBER 1-800-892-0123.
  - ALL SIGNAL POSTS AND MAST ARM POLES SHALL BE LOCATED WITH THEIR CENTERLINES A MINIMUM OF FOUR (4) AND SIX (6) FEET RESPECTIVELY FROM THE BACK OF CURB UNLESS NOTED OR DIMENSIONED TO THE CONTRARY ON THE DRAWINGS. IN NON-CURBED AREAS THE MAST ARM POLE SHALL BE LOCATED A MINIMUM OF TEN (10) FEET BEHIND THE EDGE OF PAVEMENT OR TWO (2) FEET BEHIND THE EDGE OF SHOULDER, WHICHEVER DISTANCE IS GREATER. SIGNAL POSTS SHALL BE PLACED AT A MINIMUM OF TWO (2) FEET BEHIND THE EDGE OF SHOULDER.
  - THE CONTRACTOR SHALL CONTACT THE DUPAGE COUNTY DIVISION OF TRANSPORTATION (630-407-6900) FOR TRAFFIC SIGNAL CABLE LOCATION, A MINIMUM OF 48 HOURS IN ADVANCE (SATURDAY, SUNDAY, AND HOLIDAYS EXCLUDED) AT ANY LOCATION WITHIN THE RIGHT-OF-WAY.
  - CONTACT DUPAGE COUNTY TRAFFIC SIGNAL COORDINATOR (630-407-6900) TO APPROVE LOCATIONS OF LOOPS, SIGNAL FOUNDATIONS, AND SIGNAL HEADS.
  - LEAD WIRE AND DETECTOR LOOPS SHALL BE SAWCUT 4" DEEP INTO THE PAVEMENT WHERE HOT-MIX ASPHALT SURFACE COURSE IS NOT PART OF THE CONTRACT.
  - ALL PRESENCE LOOPS SHALL BE EQUIPPED WITH AN INDUCTIVE LOOP DETECTOR SYSTEM OUTPUT.
  - ALL LUMINAIRE ARMS SHALL BE 15 FEET LONG UNLESS OTHERWISE NOTED.
  - ALL LUMINAIRES SHALL BE MOUNTED AT 40 FOOT HEIGHT UNLESS OTHERWISE NOTED.

**LEFT ON GREEN ARROW ONLY**

R10-5  
24"x30"  
SIGN DETAIL  
N.T.S  
8 REQUIRED

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

REVISIONS	
NAME	DATE

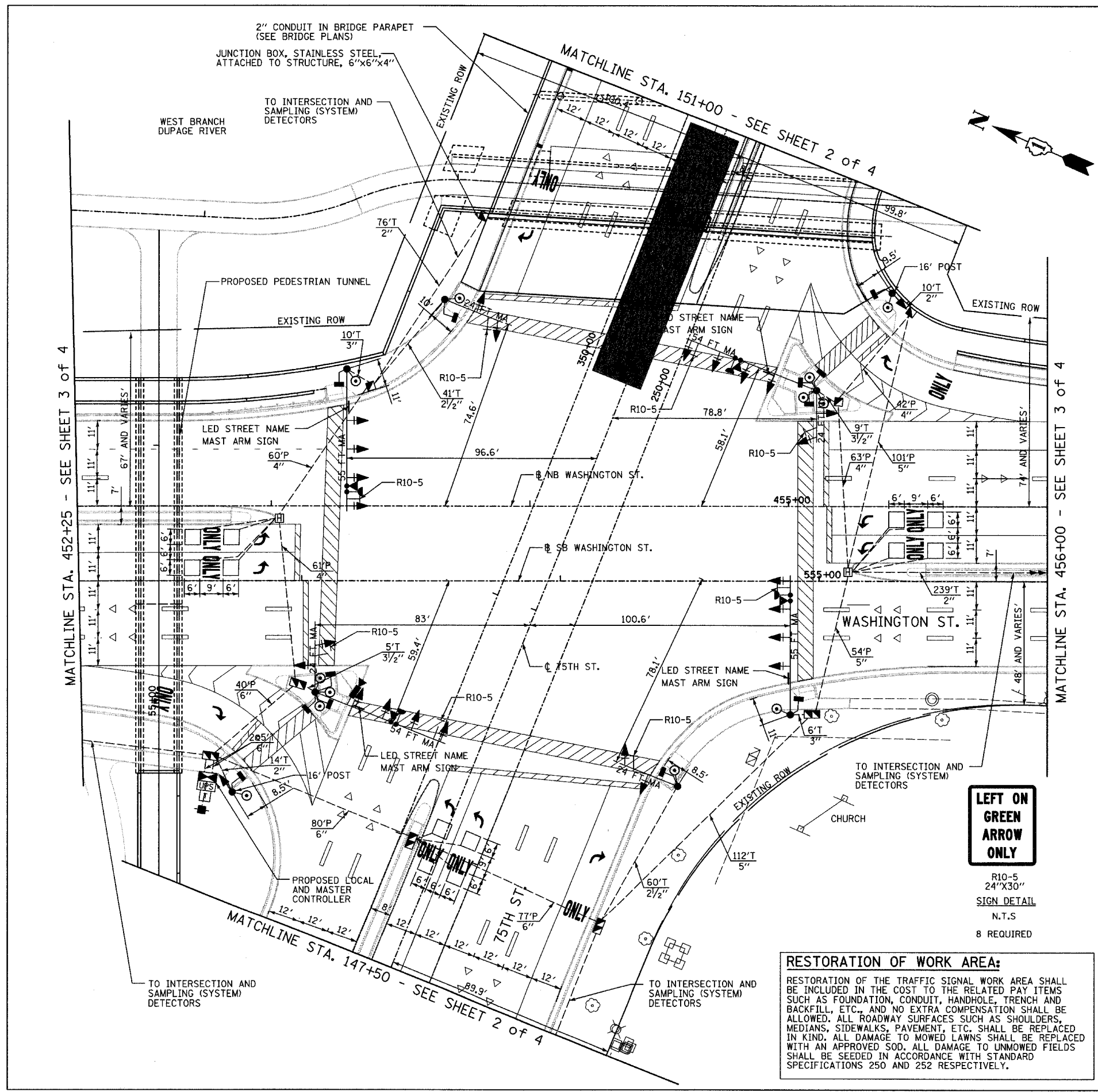
**INTERSECTION IMPROVEMENT  
WASHINGTON STREET - 75th STREET  
PROPOSED TRAFFIC SIGNAL PLAN  
WASHINGTON STREET &  
75TH STREET  
SHEET 1 OF 4**

CONSULTANT  
**TYLIN INTERNATIONAL**

City of **Naperville**

DRAWN: CBS  
CHECKED: DAJ  
APPROVED:  
DATE: APRIL 11, 2008  
SCALE: 1"=20'-0"  
JOB NO: P-91-494-00

SHEET NO.  
PROJECT NO: M-CMM-7003 (985)



MATCHLINE STA. 452+25 - SEE SHEET 3 of 4

MATCHLINE STA. 456+00 - SEE SHEET 3 of 4

2" CONDUIT IN BRIDGE PARAPET  
(SEE BRIDGE PLANS)  
JUNCTION BOX, STAINLESS STEEL,  
ATTACHED TO STRUCTURE, 6"x6"x4"

TO INTERSECTION AND  
SAMPLING (SYSTEM)  
DETECTORS

WEST BRANCH  
DUPAGE RIVER

PROPOSED PEDESTRIAN TUNNEL

LED STREET NAME  
MAST ARM SIGN

PROPOSED LOCAL  
AND MASTER  
CONTROLLER

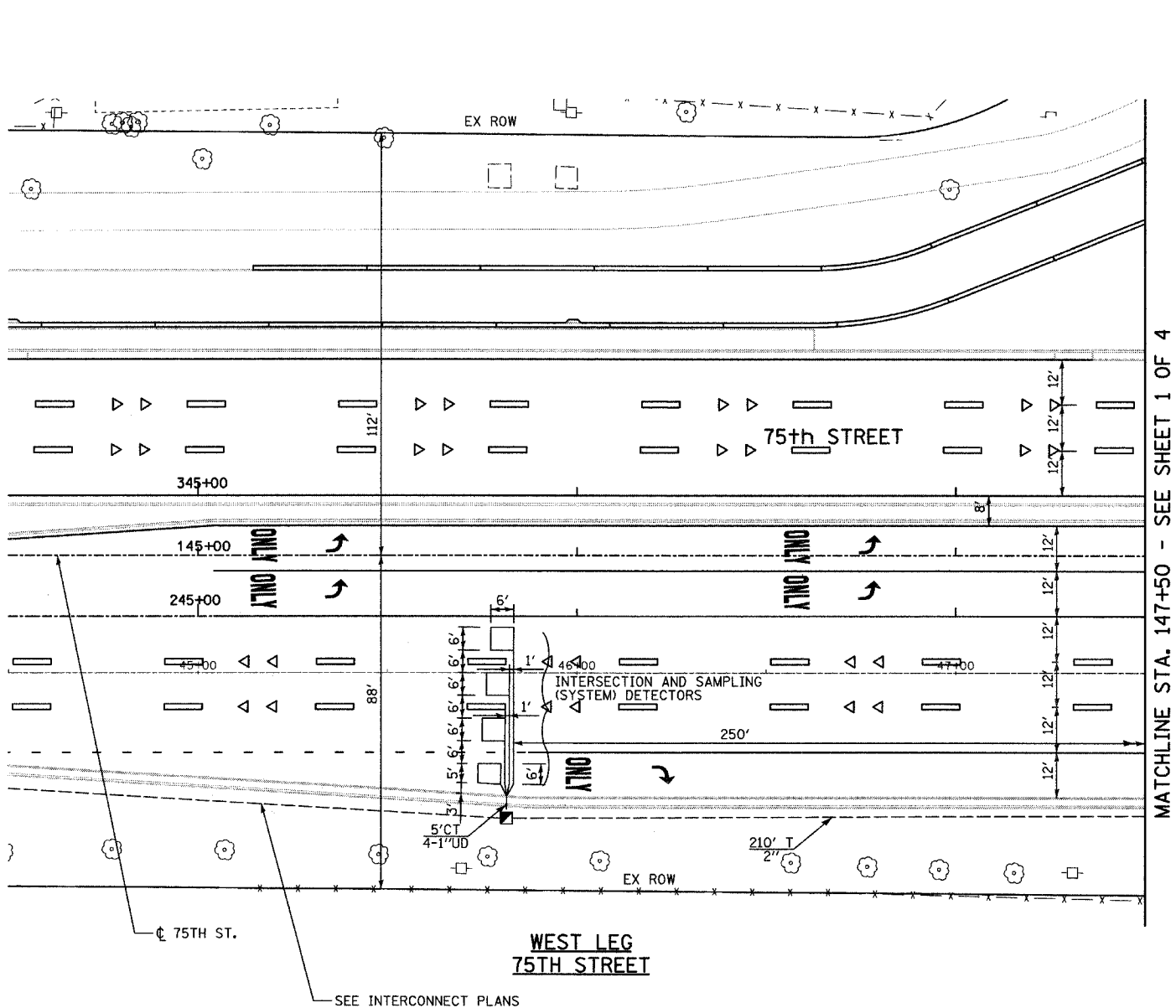
TO INTERSECTION AND  
SAMPLING (SYSTEM)  
DETECTORS

TO INTERSECTION AND  
SAMPLING (SYSTEM)  
DETECTORS

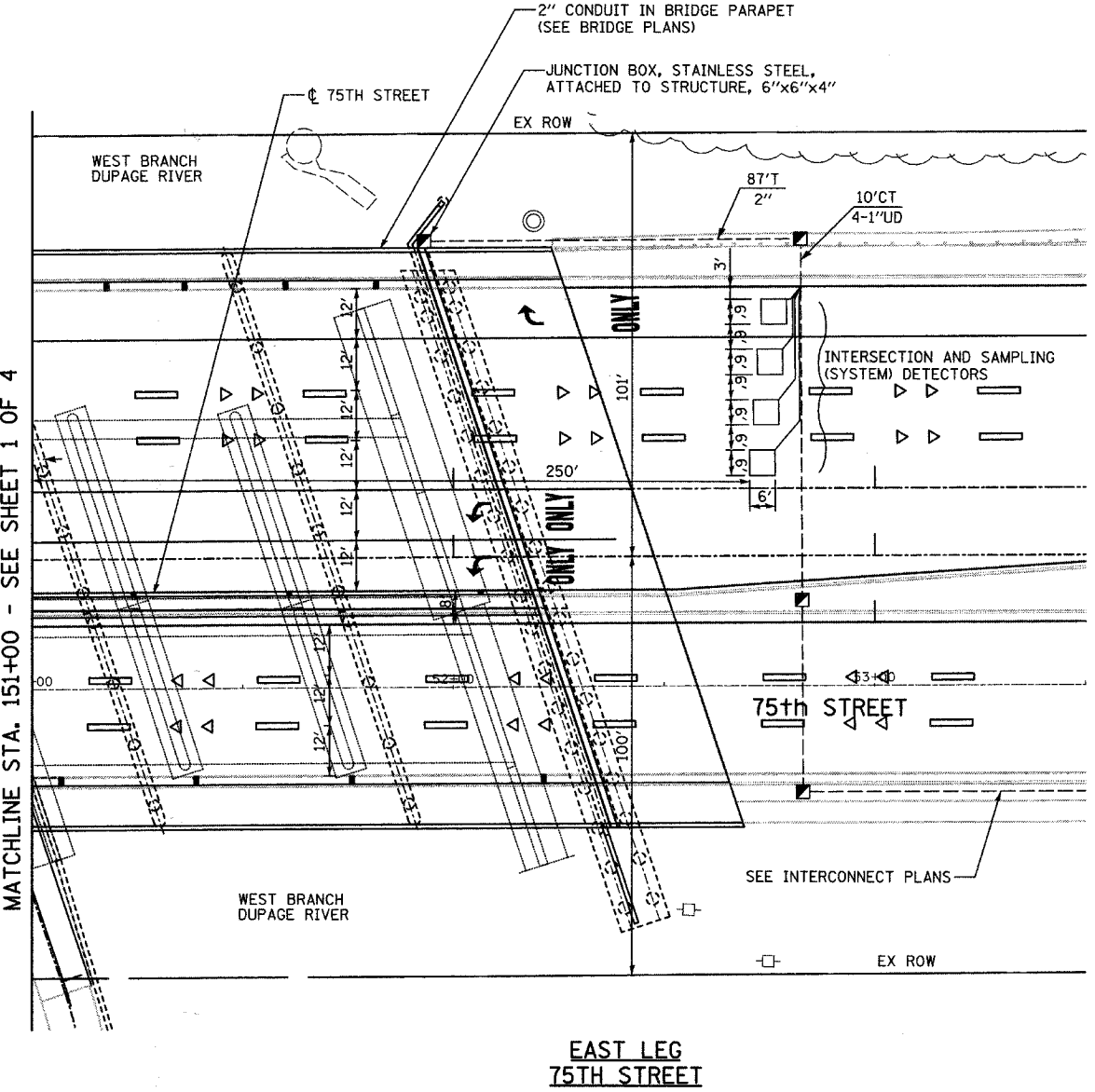
**RESTORATION OF WORK AREA:**  
RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCLUDED IN THE COST TO THE RELATED PAY ITEMS SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS,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

4/11/2008 10:54:15 AM

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00.14-00-PV	DUPAGE	563	192
STA.	TO STA.			
FED. ROAD DIST.	40	ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 63024				



MATCHLINE STA. 147+50 - SEE SHEET 1 OF 4




MATCHLINE STA. 151+00 - SEE SHEET 1 OF 4

REVISIONS	
NAME	DATE

**INTERSECTION IMPROVEMENT**  
**WASHINGTON STREET - 75th STREET**  
**PROPOSED TRAFFIC SIGNAL PLAN**  
**WASHINGTON STREET &**  
**75th STREET**  
 SHEET 2 OF 4

CONSULTANT  
**TYLIN INTERNATIONAL**

City of

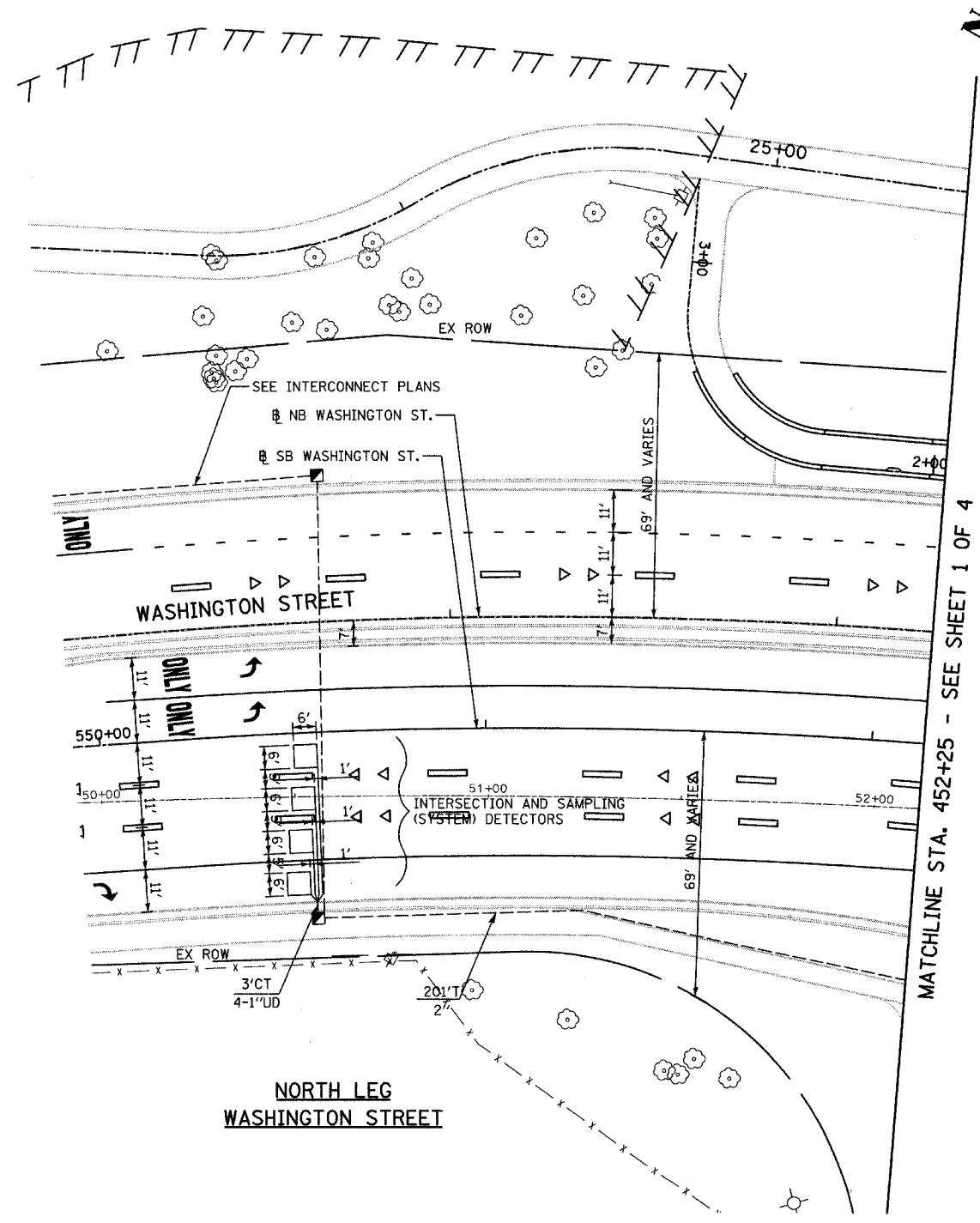


Naperville

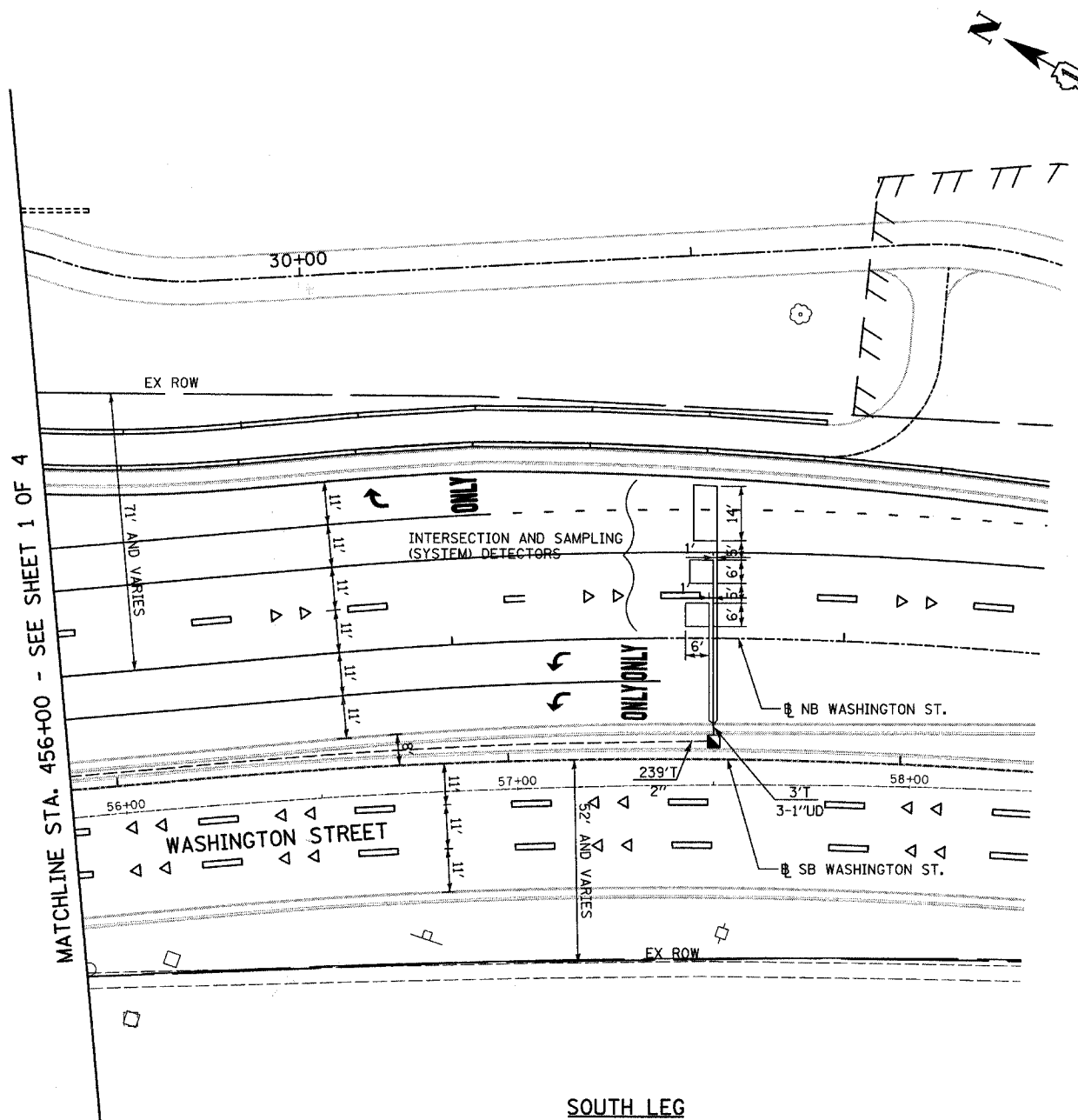
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CHECKED: DMJ	
APPROVED:	
DATE: APRIL 11, 2008	
SCALE: 1"=20'-0"	
JOB NO.: P-91-494-00	PROJECT NO.: M-CMM-7003 (985)

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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00114-00-PV	DuPAGE	563	193
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 63024				



**NORTH LEG  
WASHINGTON STREET**




**SOUTH LEG  
WASHINGTON STREET**

REVISIONS	
NAME	DATE

INTERSECTION IMPROVEMENT  
WASHINGTON STREET - 75th STREET  
PROPOSED TRAFFIC SIGNAL PLAN  
WASHINGTON STREET &  
75TH STREET  
SHEET 3 OF 4

CONSULTANT  
**TYLIN INTERNATIONAL**

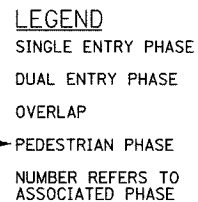
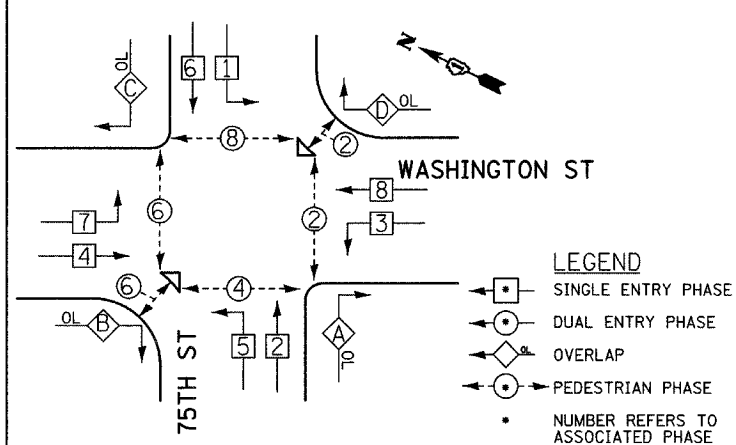
City of  **Naperville**

DRAWN: CBS  
CHECKED: DMJ  
APPROVED:  
DATE: APRIL 11, 2008  
SCALE: 1"=20'-0"  
JOB NO.: P-91-494-00

SHEET NO.  
PROJECT NO.: M-CMM-7003 (985)



### CONTROLLER SEQUENCE

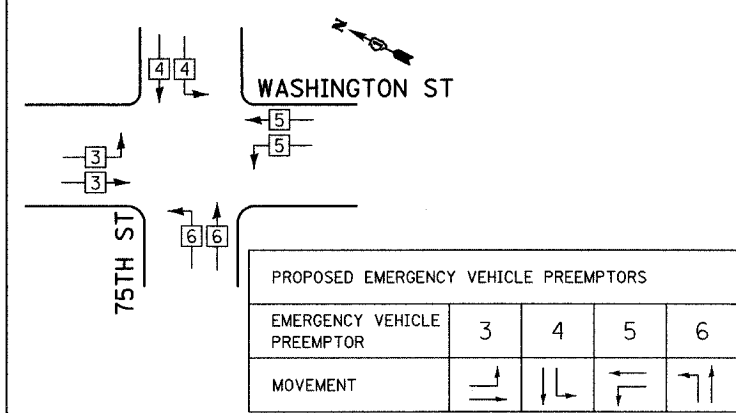


### PHASE DESIGNATION DIAGRAM

#### RIGHT TURN OVERLAP PHASE DESIGNATION

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
A	= 2	+ 3
B	= 4	+ 5
C	= 6	+ 7
D	= 8	+ 1

### EMERGENCY VEHICLE PREEMPTION SEQUENCE



### SCHEDULE OF QUANTITIES

PAY ITEM	UNIT	QTY
SIGN PANEL - TYPE 1	SQ FT	40
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	848
CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	101
CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	16
CONDUIT IN TRENCH, 3 1/2" DIA., GALVANIZED STEEL	FOOT	13
CONDUIT IN TRENCH, 5" DIA., GALVANIZED STEEL	FOOT	112
CONDUIT IN TRENCH, 6" DIA., GALVANIZED STEEL	FOOT	10
CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	163
CONDUIT PUSHED, 5" DIA., GALVANIZED STEEL	FOOT	155
CONDUIT PUSHED, 6" DIA., GALVANIZED STEEL	FOOT	197
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 6" X 4"	EACH	2
HANDHOLE	EACH	7
HEAVY-DUTY HANDHOLE	EACH	2
DOUBLE HANDHOLE	EACH	5
TRENCH AND BACKFILL FOR ELECTRIC WORK	FOOT	1060
FULL-ACTUATED CONTROLLER AND TYPE V CABINET, SPECIAL	EACH	1
MASTER CONTROLLER	EACH	1
TRANSCEIVER - FIBER OPTIC	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	3598
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	5192
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	4581
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2939
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	8526
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	72
TRAFFIC SIGNAL POST, GALVANIZED STEEL, 16 FT	EACH	2
STEEL MAST ARM ASSEMBLY AND POLE, 24 FT	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 55 FT	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 24 FT.	EACH	2
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 55 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	8
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	30
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	60
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	4
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	8
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	6
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED	EACH	2
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, BRACKET MOUNTED	EACH	16
TRAFFIC SIGNAL BACKPLATE	EACH	20
INDUCTIVE LOOP DETECTOR	FOOT	1051
DETECTOR LOOP, TYPE 1	EACH	4
LIGHT DETECTOR	EACH	1
LIGHT DETECTOR AMPLIFIER	EACH	12
PEDESTRIAN PUSH BUTTON	EACH	1
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	7
REMOVE EXISTING HANDHOLE	EACH	12
REMOVE EXISTING CONCRETE FOUNDATION	FOOT	155
COAXIAL CABLE IN CONDUIT	FOOT	1
VIDEO VEHICLE DETECTOR	EACH	1
TEMPORARY TRAFFIC SIGNAL TIMINGS	EACH	1
SERVICE INSTALLATION - GROUND MOUNTED	EACH	1
ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	933
ELECTRIC CABLE IN CONDUIT, NO. 20 3/C, TWISTED, SHIELDED	FOOT	1466
UNINTERRUPTABLE POWER SUPPLY	EACH	1
COMBINATION STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS 24 FT AND 54 FT	EACH	2

### NOTES:

1. THE END OF THE TRACER CABLE SHALL BE CONTINUOUS AND EXTEND INTO THE CONTROLLER CABINET.

FOUNDATION (DEPTH)	FT. (m)	CABLE SLACK	FT. (m)	VERTICAL	FT. (m)
TYPE A - POST	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.5 (1.0)
D - CONTROLLER	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20'+ L-2 = (6m+L-0.6m)
E - MAST ARM POLE		SIGNAL POST	2 (1.0)	BRACKET MOUNTED	13 (4.0)
		24" (600mm)	10 (3.0)	PEDESTRIAN	4 (1.2)
		30" (750mm)	15 (4.6)	ELECTRIC SERVICE	13.5 (4.1)
				GROUNDING	13.5 (4.1)
				POST MOUNTED	6 (1.8)

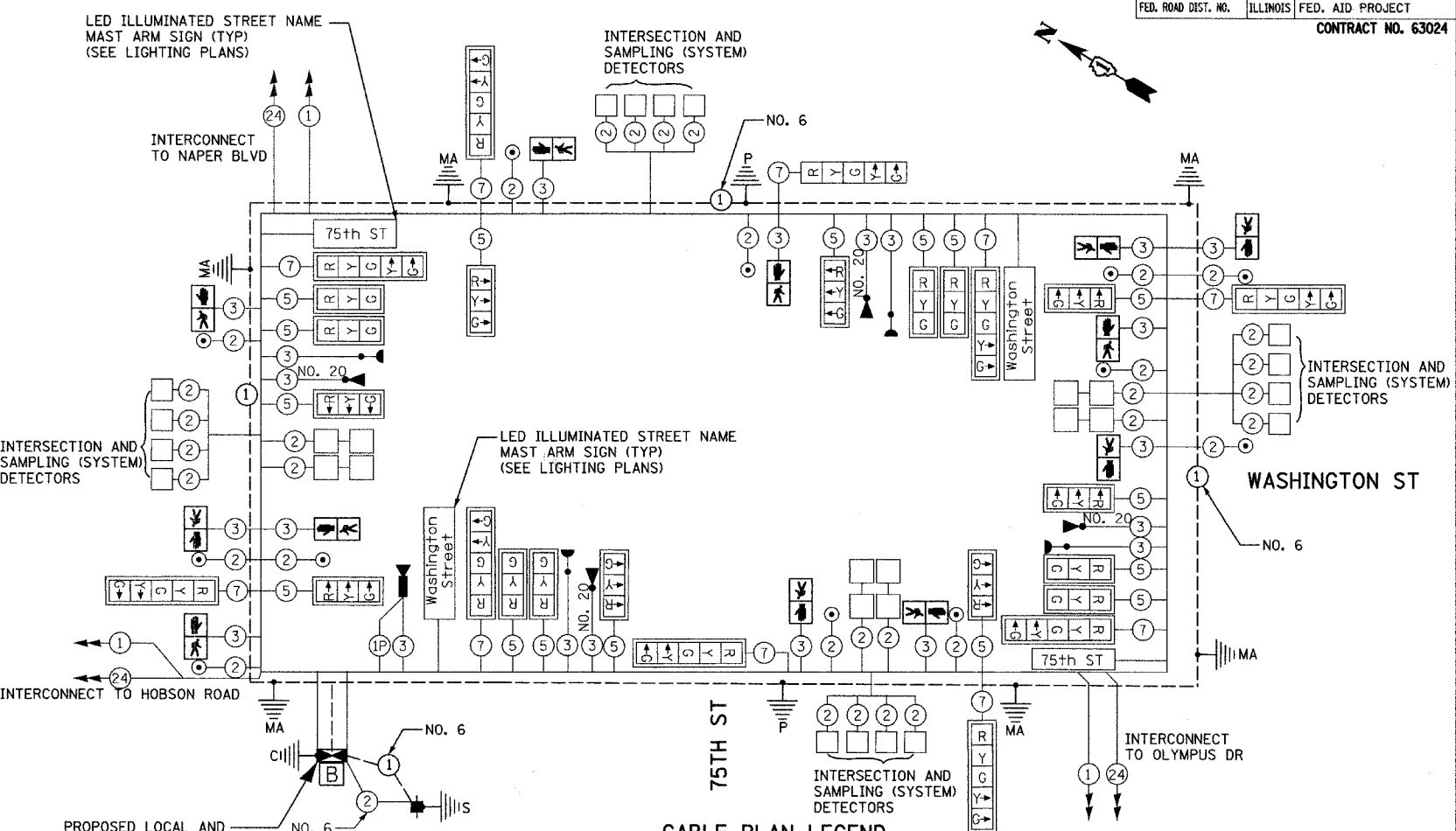
### I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	WATTAGE		% OPERATIONS	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	18	135	17	0.50	119
(YELLOW)	18	135	25	0.25	87.5
(GREEN)	18	135	15	0.25	52.5
ARROW	44	135	12	0.10	28.8
PED. SIGNAL	12	90	25	1.00	275
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN	4			0.05	0
FLASHER	0			0.05	0

ENERGY COSTS TO: TOTAL = 662.8

CITY OF NAPERVILLE

ENERGY SUPPLY: CONTACT: \_\_\_\_\_  
 PHONE: \_\_\_\_\_  
 COMPANY: CITY OF NAPERVILLE - DPU-E



### CABLE PLAN LEGEND

EXISTING	PROPOSED	DESCRIPTION
		8" (200mm) TRAFFIC SIGNAL SECTION
		12" (300mm) TRAFFIC SIGNAL SECTION
		12" (300mm) PEDESTRIAN SIGNAL SECTION
		12" (300mm) PEDESTRIAN SIGNAL SECTION
		CONTROLLER CABINET
		SERVICE INSTALLATION
		TELEPHONE CONNECTION
		MAGNETIC DETECTOR
		EMERGENCY VEHICLE LIGHT DETECTOR
		CONFIRMATION BEACON
		PUSHBUTTON DETECTOR
		VEHICLE DETECTOR, INDUCTION LOOP
		② DENOTES NUMBER OF CONDUCTORS, ALL CABLE NO. 14 EXCEPT AS INDICATED. ALL LOOP DETECTOR CABLE TO BE SHIELDED.

### REVISIONS

NAME	DATE

INTERSECTION IMPROVEMENT  
 WASHINGTON STREET - 75th STREET  
 SCHEDULE OF QUANTITIES, CABLE PLAN  
 AND PHASE DESIGNATION DIAGRAM  
 WASHINGTON STREET AND 75th STREET  
 SHEET 4 OF 4

TYLIN INTERNATIONAL

City of **Naperville**

DRAWN: CBS  
 CHECKED: \_\_\_\_\_  
 APPROVED: \_\_\_\_\_  
 DATE: APRIL 11, 2008  
 SCALE: NONE  
 JOB NO.: P-91-494-00

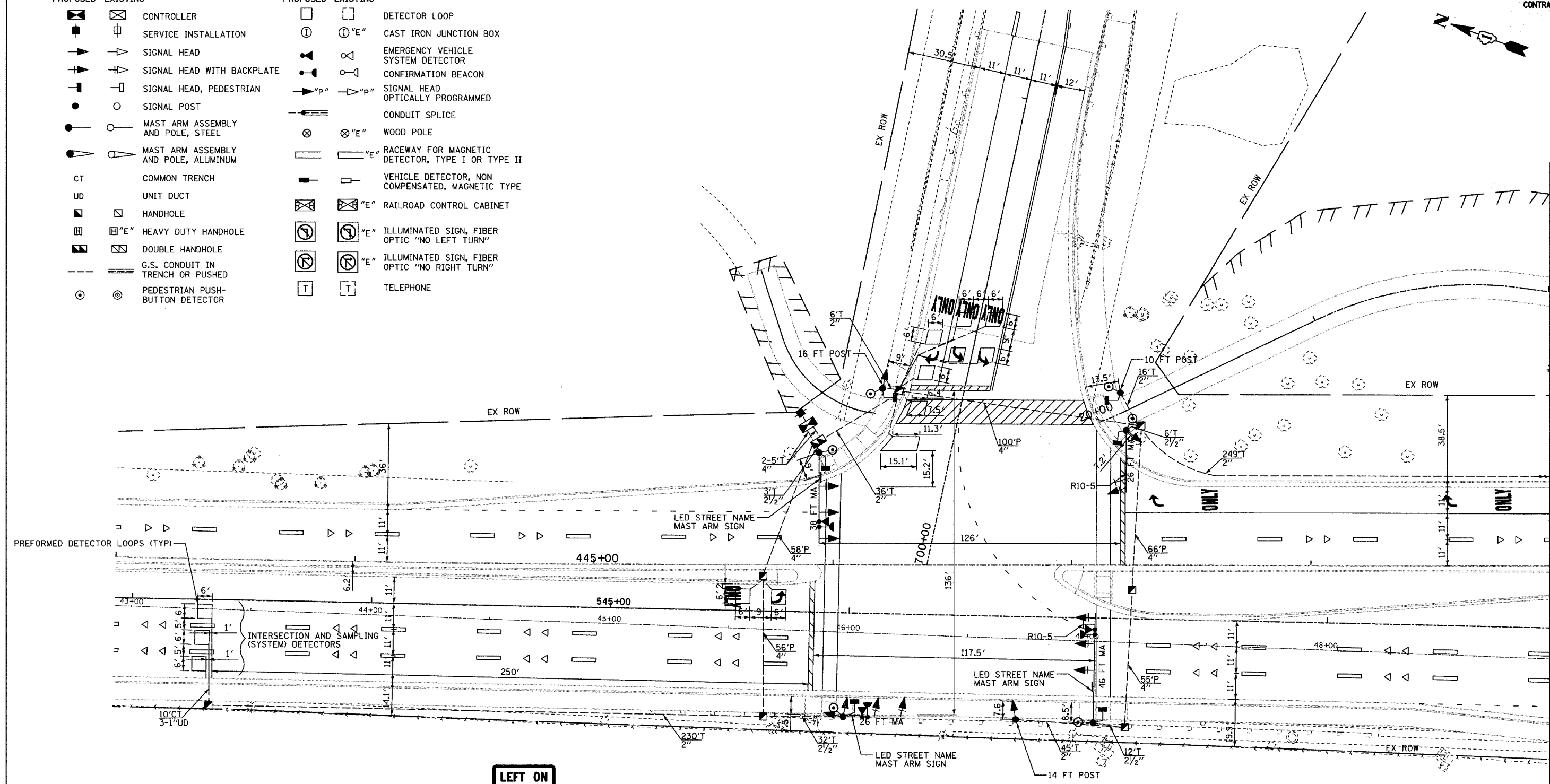
SHEET NO. \_\_\_\_\_  
 PROJECT NO.: M-CMM-7003 (985)

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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00114-00-PV	DuPAGE	563	195
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 63024				

**TRAFFIC SIGNAL LEGEND**

PROPOSED	EXISTING	PROPOSED	EXISTING
CT	COMMON TRENCH		
UD	UNIT DUCT		



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

**LEFT ON GREEN ARROW ONLY**

R10-5  
 24"X30"  
**SIGN DETAIL**  
 N.T.S.  
 2 REQUIRED

REVISIONS	
NAME	DATE

INTERSECTION IMPROVEMENT  
 WASHINGTON STREET - 75th STREET  
 PROPOSED TRAFFIC SIGNAL PLAN  
 WASHINGTON STREET &  
 HOBSON ROAD  
 SHEET 1 OF 3

CONSULTANT  
**TYLIN INTERNATIONAL**

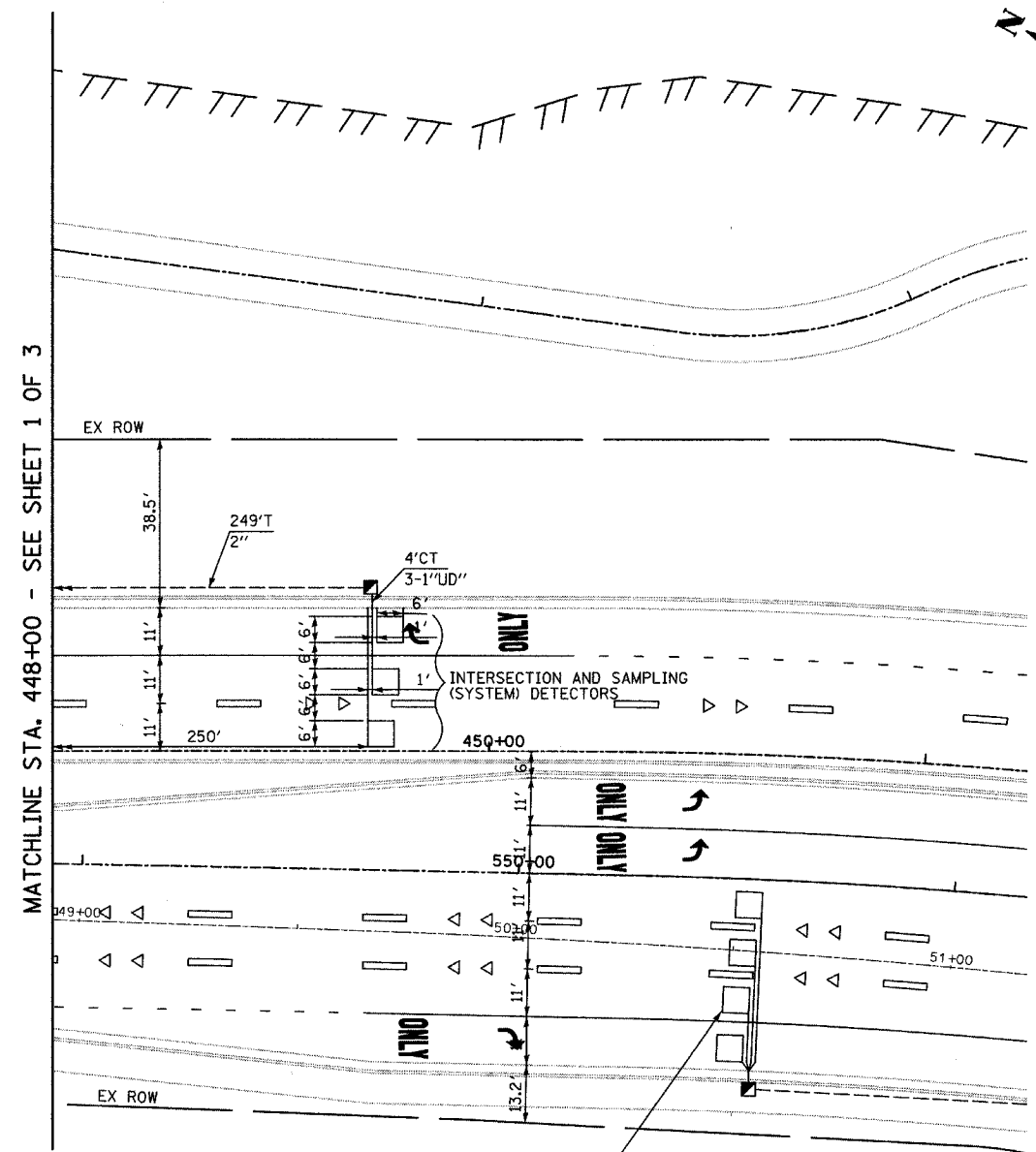
City of **Naperville**

DRAWN: CBS  
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SHEET NO.  
 PROJECT NO.: M-CMM-7003 (985)

MATCHLINE STA. 448+00 - SEE SHEET 2 OF 3

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00114-00-PV	DuPAGE	563	196
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 63024				




INTERSECTION AND SAMPING (SYSTEM) DETECTORS FOR WASHINGTON ST. AND 75TH ST.

REVISIONS	
NAME	DATE

INTERSECTION IMPROVEMENT  
 WASHINGTON STREET - 75th STREET  
 PROPOSED TRAFFIC SIGNAL PLAN  
 WASHINGTON STREET &  
 HOBSON ROAD  
 SHEET 2 OF 3

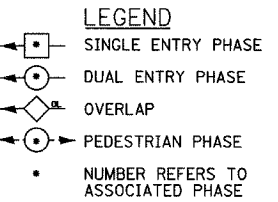
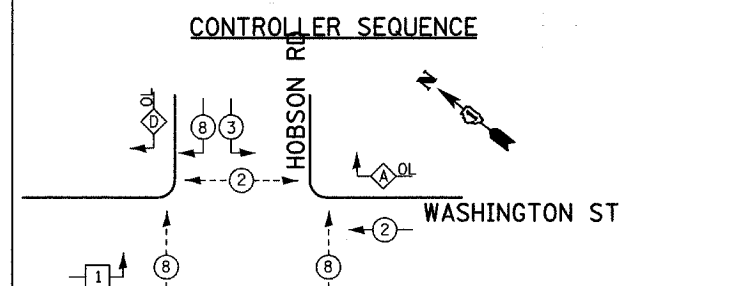
CONSULTANT  
**TYLIN** INTERNATIONAL

City of  **Naperville**

DRAWN: CBS  
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 DATE: APRIL 11, 2008  
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SHEET NO.  
 PROJECT NO.: M-CMM-7003 (985)

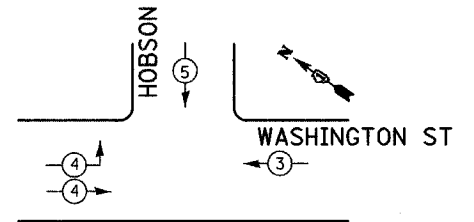
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**PHASE DESIGNATION DIAGRAM**  
RIGHT TURN OVERLAP PHASE DESIGNATION

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
A	= 2	+ 3
D	= 8	+ 1

**EMERGENCY VEHICLE PREEMPTION SEQUENCE**



PROPOSED EMERGENCY VEHICLE PREEMPTORS				
EMERGENCY VEHICLE PREEMPTOR	3	4	5	
MOVEMENT	←	→	↓	

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

TYPE	NO. OF LAMPS	WATTAGE		% OPERATIONS	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	12	135	17	0.50	119
(YELLOW)	12	135	25	0.25	87.5
(GREEN)	12	135	15	0.25	52.5
ARROW	14	135	12	0.10	9.6
PED. SIGNAL	6	90	25	1.00	150
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN	3			0.05	0
FLASHER	0			0.05	0

CITY OF NAPERVILLE

CONTACT: \_\_\_\_\_  
PHONE: \_\_\_\_\_  
COMPANY: CITY OF NAPERVILLE - DPU-E

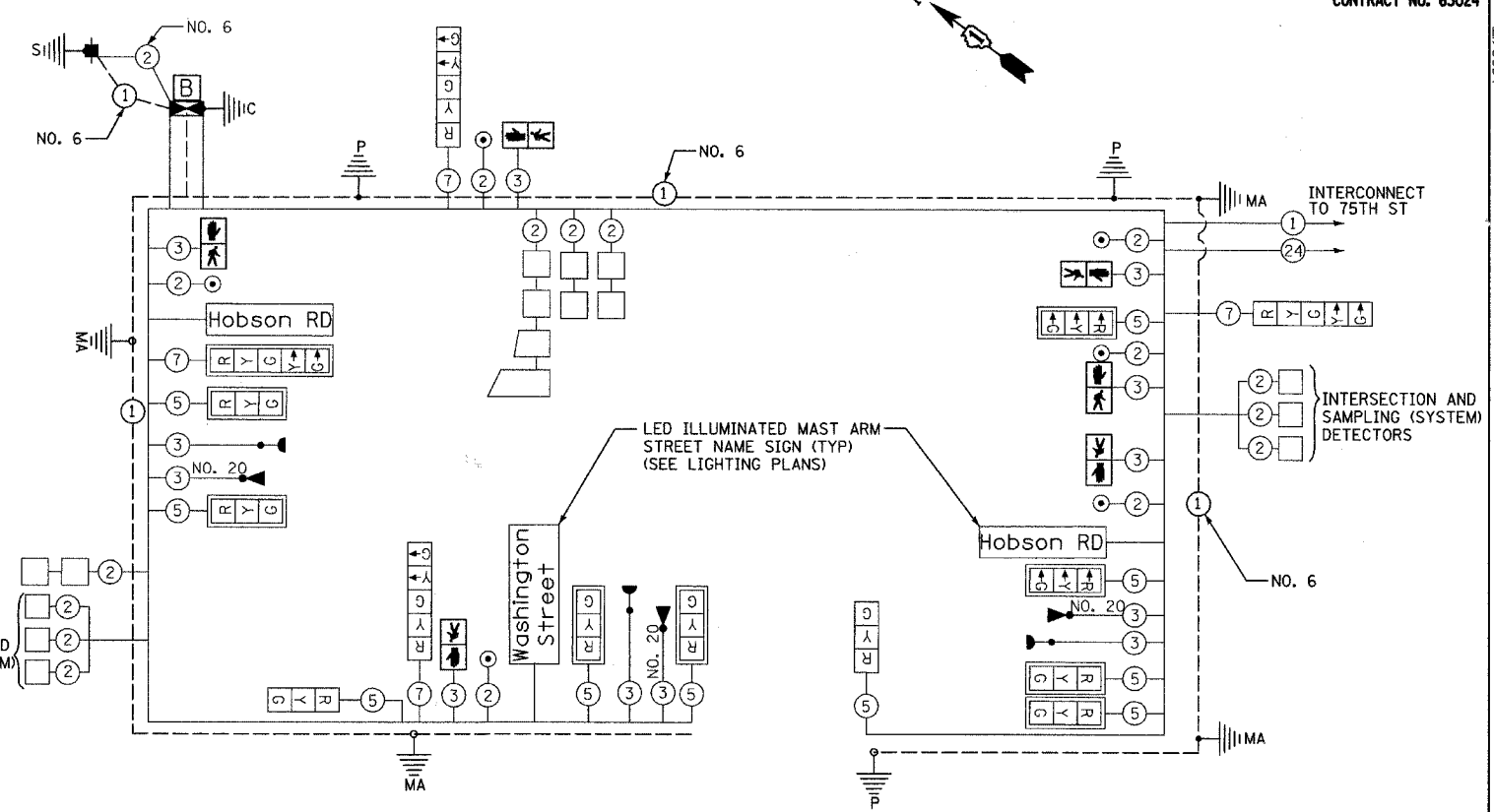
**SCHEDULE OF QUANTITIES**

PAY ITEM	UNIT	QTY
SIGN PANEL - TYPE 1	SQ FT	10
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	620
CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	48
CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	10
CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	358
HANDHOLE	EACH	8
DOUBLE HANDHOLE	EACH	1
TRENCH AND BACKFILL FOR ELECTRIC WORK	FOOT	678
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1
TRANSCEIVER - FIBER OPTIC	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1054
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2229
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2467
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	607
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	2889
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	52
TRAFFIC SIGNAL POST, GALVANIZED STEEL, 10 FT	EACH	1
TRAFFIC SIGNAL POST, GALVANIZED STEEL, 14 FT	EACH	1
TRAFFIC SIGNAL POST, GALVANIZED STEEL, 16 FT	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 26 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 26 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	12
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	30
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	30
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	8
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	2
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	1
SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3-SECTION, 1-5-SECTION, BRACKET MOUNTED	EACH	1
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED	EACH	6
TRAFFIC SIGNAL BACKPLATE	EACH	10
INDUCTIVE LOOP DETECTOR	EACH	10
DETECTOR LOOP, TYPE 1	FOOT	589
LIGHT DETECTOR	EACH	3
LIGHT DETECTOR AMPLIFIER	EACH	1
PEDESTRIAN PUSH BUTTON	EACH	6
TEMPORARY TRAFFIC SIGNAL INSTALLATION (SPECIAL)	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
TEMPORARY TRAFFIC SIGNAL TIMINGS	EACH	1
SERVICE INSTALLATION - GROUND MOUNTED	EACH	1
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F, SM12F	FOOT	607
ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	716
ELECTRIC CABLE IN CONDUIT, NO. 20 3/C, TWISTED, SHIELDED	FOOT	1
MODIFY TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
UNINTERRUPTABLE POWER SUPPLY	EACH	1

**NOTES:**

1. THE END OF THE TRACER CABLE SHALL BE CONTINUOUS AND EXTEND INTO THE CONTROLLER CABINET.

FOUNDATION (DEPTH)	FT. (m)	CABLE SLACK	FT. (m)	VERTICAL	FT. (m)
TYPE A - POST	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.5 (1.0)
D - CONTROLLER	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20'+ L-2 = (6m+L-0.6m)
E - MAST ARM POLE		SIGNAL POST	2 (1.0)	BRACKET MOUNTED	13 (4.0)
		24" (600mm)	10 (3.0)	PED. PUSHBUTTON	4 (1.2)
		30" (750mm)	15 (4.6)	ELECTRIC SERVICE	13.5 (4.1)
				GROUND CABLE	13.5 (4.1)
				POST MOUNTED	6 (1.8)



**CABLE PLAN LEGEND**

EXISTING	PROPOSED	DESCRIPTION
		8" (200mm) TRAFFIC SIGNAL SECTION
		12" (300mm) TRAFFIC SIGNAL SECTION
		12" (300mm) PEDESTRIAN SIGNAL SECTION
		CONTROLLER CABINET
		SERVICE INSTALLATION
		TELEPHONE CONNECTION
		MAGNETIC DETECTOR
		EMERGENCY VEHICLE LIGHT DETECTOR
		CONFIRMATION BEACON
		PUSHBUTTON DETECTOR
		VEHICLE DETECTOR, INDUCTION LOOP
		GROUND CABLE IN CONDUIT, NO.6 SOLID COPPER (GREEN)
		FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125 2-MM12F & SM12F
		UNINTERRUPTIBLE POWER SUPPLY

REVISIONS	
NAME	DATE

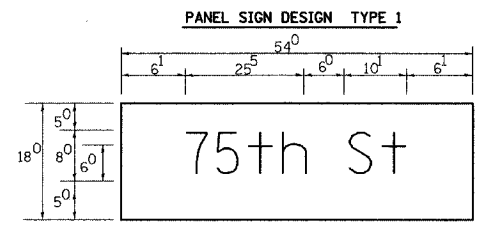
INTERSECTION IMPROVEMENT  
WASHINGTON STREET - 75th STREET  
SCHEDULE OF QUANTITIES, CABLE PLAN  
AND PHASE DESIGNATION DIAGRAM  
WASHINGTON STREET AND HOBSON ROAD  
SHEET 3 OF 3

CONSULTANT  
**TYLIN INTERNATIONAL**

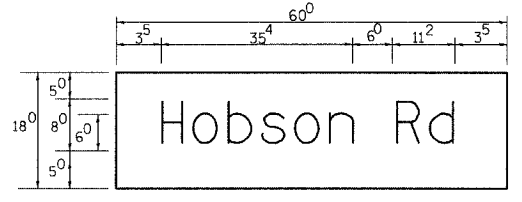
City of **Naperville**

DRAWN: CBS  
CHECKED: DAJ  
APPROVED:  
DATE: APRIL 11, 2008  
SCALE: NONE  
JOB NO.: P-91-494-00

SHEET NO.  
PROJECT NO.: M-CMM-7003 (985)

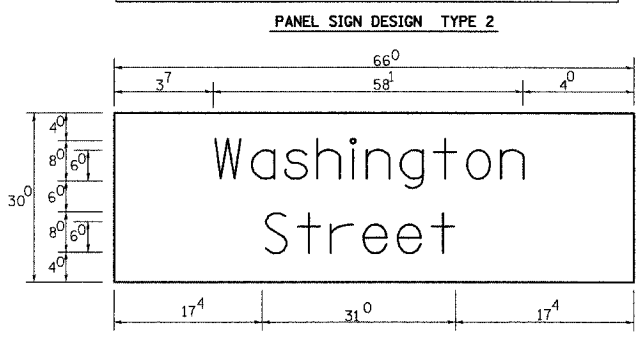


Sq. Ft. each  
**6.75** Sq. Ft. each  
 2 Required  
 Design Series D



Sq. Ft. each  
**7.5** Sq. Ft. each  
 2 Required  
 Design Series D

NOTE: SIGN DIMENSIONS ARE IN ENGLISH UNITS



Sq. Ft. each  
**13.75** Sq. Ft. each  
 3 Required  
 Design Series D

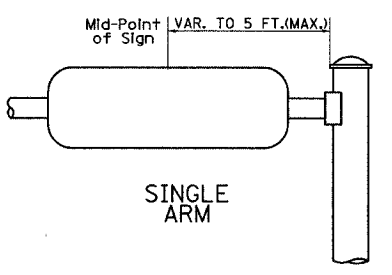
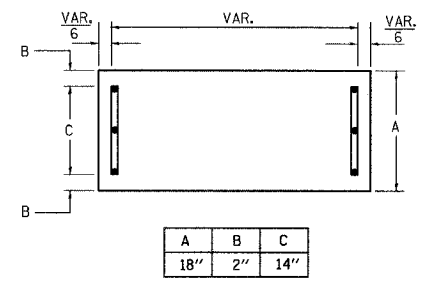
**GENERAL NOTES**

- WHERE MAST ARM MOUNTED STREET NAME SIGNS ARE SPECIFIED, THE MAST ARM ASSEMBLY AND POLES SHALL BE DESIGNED TO SUPPORT THE LOADINGS CALLED FOR ON STANDARDS 834001, 834006 AND 834011, AS APPLICABLE, PLUS TWO (2) SIGN PANELS 2'-6" x 6'-0" MOUNTED AS SHOWN. THE DESIGN SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS" AS PUBLISHED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS FOR 80 M.P.H. WIND VELOCITY.
  - ALL SIGNS SHALL HAVE A WHITE REFLECTORIZED LEGEND AND BORDER ON A GREEN REFLECTORIZED BACKGROUND, TYPE A SHEETING.
  - THE SIGN LENGTH SHOULD BE INCREASED IN 6-INCH INCREMENTS, BUT THE OVERALL LENGTH SHOULD NOT EXCEED 6'-0".
  - ALL BORDERS SHALL BE 3/4" WIDE AND CORNER RADIUS SHALL BE 2-1/4".
  - SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM SHALL BE USED FOR ALL SIGNS ATTACHED TO SIGNAL POLES AND POSTS. LOCAL SUPPLIERS OF THE SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM ARE:
    - \* A.K.T. CORPORATION SCHALMBURG, IL
    - \* TUCKER COMPANY, INC. WALWATOSA, WI
    - \* AMERICAN FABRICATION CO. CHICAGO HEIGHTS, IL
    - \* WESTERN TRAFFIC CONTROL INC. CICERO, IL
- PARTS LISTING:**  
 SIGN CHANNEL PART #HPN053 (MED. CHANNEL)  
 SIGN SCREWS 1/4" x 14 x 1" H.W.H. #3  
 SELF TAPPING WITH NEOPRENE WASHER  
 BRACKETS PART #HPN034 (UNIVERSAL)  
 CHANNEL CLAMPS WITH STAINLESS STEEL STRAPPING  
 OTHER BRANDS OF MOUNTING HARDWARE ARE ACCEPTABLE, BASED UPON THE DEPARTMENT'S APPROVAL AND COMPATIBILITY WITH THE CHANNEL/BACKET OF THE ABOVE PRODUCT.

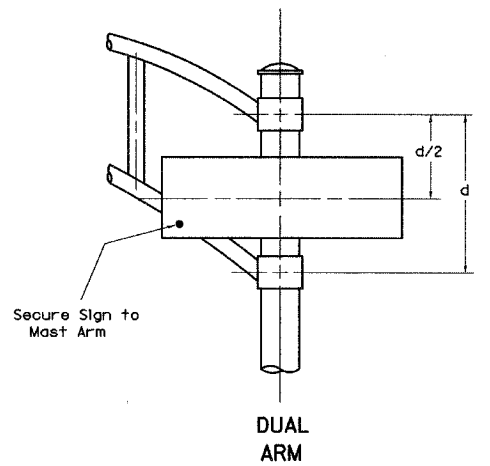
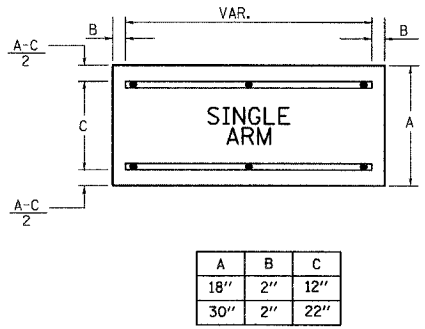
**NOTE:**

SIGNS ON THIS SHEET ARE TO BE MAST ARM MOUNTED LED ILLUMINATED STREET NAME SIGNS. THE SIGNS SHALL EACH BE PAID FOR AT THE CONTRACT PRICE FOR "LED, INTERNALLY ILLUMINATED STREET NAME SIGN". (PAY ITEM XX005937)

**SUPPORTING CHANNELS**



**SUPPORTING CHANNELS**



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

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

EXAMPLE, 2<sup>3</sup> DENOTES 3/8

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

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

SERIES	SECOND LETTER																	
	a c d e		g o q		b h i k l		m n p r u		f w		J		s t		v y		x z	
ad h g j	1 <sup>6</sup>	1 <sup>7</sup>	2 <sup>2</sup>	2 <sup>4</sup>	1 <sup>6</sup>	1 <sup>7</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>4</sup>	1 <sup>5</sup>
l m n q u	1 <sup>6</sup>	1 <sup>7</sup>	2 <sup>2</sup>	2 <sup>4</sup>	1 <sup>6</sup>	1 <sup>7</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>4</sup>	1 <sup>5</sup>
b f k o p s	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>6</sup>	1 <sup>7</sup>	1 <sup>1</sup>	1 <sup>2</sup>	0 <sup>5</sup>	0 <sup>6</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>1</sup>	1 <sup>2</sup>
c e	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>6</sup>	1 <sup>7</sup>	1 <sup>2</sup>	1 <sup>4</sup>	0 <sup>6</sup>	1 <sup>0</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>2</sup>	1 <sup>4</sup>
r	0 <sup>6</sup>	1 <sup>0</sup>	1 <sup>2</sup>	1 <sup>4</sup>	0 <sup>6</sup>	1 <sup>0</sup>	0 <sup>3</sup>	0 <sup>3</sup>	0 <sup>5</sup>	0 <sup>6</sup>	0 <sup>5</sup>	0 <sup>6</sup>	0 <sup>5</sup>	0 <sup>6</sup>	1 <sup>0</sup>	1 <sup>1</sup>	0 <sup>6</sup>	1 <sup>0</sup>
t z	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>6</sup>	1 <sup>7</sup>	1 <sup>2</sup>	1 <sup>4</sup>	0 <sup>6</sup>	1 <sup>0</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>1</sup>	1 <sup>2</sup>
v y	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>1</sup>	1 <sup>2</sup>	0 <sup>5</sup>	0 <sup>6</sup>	0 <sup>6</sup>	1 <sup>0</sup>	0 <sup>6</sup>	1 <sup>0</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>1</sup>	1 <sup>2</sup>
w	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>1</sup>	1 <sup>2</sup>	0 <sup>5</sup>	0 <sup>6</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>1</sup>	1 <sup>2</sup>
x	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>6</sup>	1 <sup>7</sup>	1 <sup>1</sup>	1 <sup>2</sup>	0 <sup>5</sup>	0 <sup>6</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>1</sup>	1 <sup>2</sup>

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

SERIES	SECOND NUMBER																			
	0		1		2		3		4		5		6		7		8		9	
0 9	1 <sup>6</sup>	1 <sup>7</sup>	1 <sup>6</sup>	1 <sup>7</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>6</sup>	1 <sup>7</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>6</sup>	1 <sup>7</sup>	1 <sup>6</sup>	1 <sup>7</sup>
1	2 <sup>0</sup>	2 <sup>1</sup>	2 <sup>0</sup>	2 <sup>1</sup>	2 <sup>0</sup>	2 <sup>1</sup>	1 <sup>6</sup>	1 <sup>7</sup>	1 <sup>4</sup>	1 <sup>5</sup>	2 <sup>0</sup>	2 <sup>1</sup>	2 <sup>0</sup>	2 <sup>1</sup>	1 <sup>4</sup>	1 <sup>5</sup>	2 <sup>0</sup>	2 <sup>1</sup>	2 <sup>0</sup>	2 <sup>1</sup>
2 3 4	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>4</sup>	1 <sup>5</sup>
5	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>1</sup>	1 <sup>2</sup>
6	1 <sup>6</sup>	1 <sup>7</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>4</sup>	1 <sup>5</sup>
7	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>4</sup>	1 <sup>5</sup>
8	1 <sup>6</sup>	1 <sup>7</sup>	1 <sup>6</sup>	1 <sup>7</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>1</sup>	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>5</sup>	1 <sup>4</sup>	1 <sup>5</sup>

**UPPER AND LOWER CASE LETTER WIDTHS**

LETTERS	6 INCH UPPER CASE LETTERS				8 INCH UPPER CASE LETTERS				LETTERS	6 INCH LOWER CASE LETTERS	
	SERIES		SERIES		SERIES		SERIES			SERIES	
	C	D	C	D	C	D	C	D		C	D
A	3 <sup>6</sup>	5 <sup>0</sup>	5 <sup>0</sup>	6 <sup>5</sup>	a	3 <sup>5</sup>	4 <sup>2</sup>				
B	3 <sup>2</sup>	4 <sup>0</sup>	4 <sup>3</sup>	5 <sup>3</sup>	b	3 <sup>5</sup>	4 <sup>2</sup>				
C	3 <sup>2</sup>	4 <sup>0</sup>	4 <sup>3</sup>	5 <sup>3</sup>	c	3 <sup>5</sup>	4 <sup>1</sup>				
D	3 <sup>2</sup>	4 <sup>0</sup>	4 <sup>3</sup>	5 <sup>3</sup>	d	3 <sup>5</sup>	4 <sup>2</sup>				
E	3 <sup>0</sup>	3 <sup>5</sup>	4 <sup>0</sup>	4 <sup>7</sup>	e	3 <sup>5</sup>	4 <sup>2</sup>				
F	3 <sup>0</sup>	3 <sup>5</sup>	4 <sup>0</sup>	4 <sup>7</sup>	f	2 <sup>3</sup>	2 <sup>6</sup>				
G	3 <sup>2</sup>	4 <sup>0</sup>	4 <sup>3</sup>	5 <sup>3</sup>	g	3 <sup>5</sup>	4 <sup>2</sup>				
H	3 <sup>2</sup>	4 <sup>0</sup>	4 <sup>3</sup>	5 <sup>3</sup>	h	3 <sup>5</sup>	4 <sup>2</sup>				
I	0 <sup>7</sup>	0 <sup>7</sup>	1 <sup>1</sup>	1 <sup>2</sup>	i	1 <sup>1</sup>	1 <sup>1</sup>				
J	3 <sup>0</sup>	3 <sup>6</sup>	4 <sup>0</sup>	5 <sup>0</sup>	j	2 <sup>0</sup>	2 <sup>2</sup>				
K	3 <sup>2</sup>	4 <sup>1</sup>	4 <sup>3</sup>	5 <sup>4</sup>	k	3 <sup>5</sup>	4 <sup>2</sup>				
L	3 <sup>0</sup>	3 <sup>5</sup>	4 <sup>0</sup>	4 <sup>7</sup>	l	1 <sup>1</sup>	1 <sup>1</sup>				
M	3 <sup>7</sup>	4 <sup>5</sup>	5 <sup>1</sup>	6 <sup>1</sup>	m	6 <sup>0</sup>	7 <sup>0</sup>				
N	3 <sup>2</sup>	4 <sup>0</sup>	4 <sup>3</sup>	5 <sup>3</sup>	n	3 <sup>5</sup>	4 <sup>2</sup>				
O	3 <sup>4</sup>	4 <sup>2</sup>	4 <sup>5</sup>	5 <sup>5</sup>	o	3 <sup>6</sup>	4 <sup>3</sup>				
P	3 <sup>2</sup>	4 <sup>0</sup>	4 <sup>3</sup>	5 <sup>3</sup>	p	3 <sup>5</sup>	4 <sup>2</sup>				
Q	3 <sup>4</sup>	4 <sup>2</sup>	4 <sup>5</sup>	5 <sup>5</sup>	q	3 <sup>5</sup>	4 <sup>2</sup>				
R	3 <sup>2</sup>	4 <sup>0</sup>	4 <sup>3</sup>	5 <sup>3</sup>	r	2 <sup>6</sup>	3 <sup>2</sup>				
S	3 <sup>2</sup>	4 <sup>0</sup>	4 <sup></sup>								

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00114-00-PV	DUPAGE	563	199
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 63024				

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

**TEMPORARY TRAFFIC SIGNAL LEGEND**

- ← TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED ORIGINAL LOCATION
- ← TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED SECONDARY LOCATION
- ⊗ TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM
- ▢ TEMPORARY CONTROLLER CABINET
- TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
- ⊞ TEMPORARY SERVICE INSTALLATION
- ⊞ TEMPORARY PEDESTRIAN SIGNAL HEAD, BRACKET MOUNTED
- V VIDEO DETECTION
- ⊙ PEDESTRIAN PUSHBUTTON DETECTOR
- ⊙ EMERGENCY VEHICLE LIGHT DETECTOR
- ⊙ CONFIRMATION BEACON
- VEHICLE DETECTOR, INDUCTION LOOP
- CT COMMON TRENCH
- UD UNIT DUCT
- G.S. CONDUIT IN TRENCH OR PUSHED
- ⊞ HANDHOLE
- ⊞ HEAVY DUTY HANDHOLE
- VIDEO DETECTION ZONES

**NOTES:**

- THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL MATCH THE EXISTING ADJACENT SYSTEM.
- THE LOCATIONS AND LENGTHS OF THE EXISTING SYSTEM ARE BASED ON PRE-BUILT PLANS AND TOPOGRAPHICAL INFORMATION AND SHOULD BE CONSIDERED APPROXIMATE.
- FOR INTERCONNECT BETWEEN ADJACENT TEMPORARY SIGNAL SYSTEMS SEE TEMPORARY INTERCONNECT SHEETS.
- THE EXISTING CONDUITS, LOOP DETECTORS AND MAGNETIC DETECTORS SHALL BE ABANDONED.
- ALL WOOD POLES SHALL BE LOCATED WITH THEIR CENTERLINES A MINIMUM OF SIX (6) FEET FROM THE BACK OF CURB UNLESS NOTED OR DIMENSIONED TO THE CONTRARY ON THE DRAWINGS. IN NON-CURBED AREAS THE WOOD POLE SHALL BE LOCATED A MINIMUM OF TEN (10) FEET BEHIND THE EDGE OF PAVEMENT OR TWO (2) FEET BEHIND THE EDGE OF SHOULDER, WHICHEVER DISTANCE IS GREATER.
- ALL CABLE SHALL HAVE STRANDED CONDUCTORS WHERE ANY PORTION OF THE CABLE INSTALLED AERIAL SUSPENDED. ALL WIRING TERMINATIONS OF STRANDED CONDUCTORS SHALL BE MADE WITH SOLDERLESS TOOL COMPRESSED TERMINALS.
- THE PROPOSED TRAFFIC SIGNAL SYSTEM SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "TEMPORARY TRAFFIC SIGNAL INSTALLATION". THE ITEMS AND QUANTITIES SHOWN ARE FOR INFORMATIONAL PURPOSES ONLY. CABLE AND CONDUIT LENGTHS SHALL BE ADJUSTED UP OR DOWN TO SATISFY THE REQUIREMENT OF THE INSTALLATION WITHOUT COMPARABLE CHANGE IN PRICE FOR THE PAY ITEM.
- THE RELOCATION AND RAISING OF NAPERVILLE ELECTRIC FACILITIES SHALL BE PERFORMED BY NAPERVILLE ELECTRIC.
- NO ADDITIONAL PAYMENT SHALL BE MADE FOR ANY DELAYS OR SIGNAL HEAD RELOCATIONS RESULTING FROM UTILITY RELOCATIONS, CHANGES IN STAGING, OR REMOVAL OF EXISTING TEMPORARY SIGNALS.

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE RETURNED TO THE DUPAGE COUNTY DOT SIGNAL MAINTENANCE CONTRACTOR.

18	EACH	SIGNAL HEAD, 1-FACE, 3-SECTION
2	EACH	SIGNAL HEAD, 1-FACE, 5-SECTION
8	EACH	TRAFFIC SIGNAL BACKPLATE
4	EACH	STEEL MAST ARM AND POLE
6	EACH	TRAFFIC SIGNAL POST
4	EACH	PEDESTRIAN SIGNAL HEAD, 1-FACE
4	EACH	PEDESTRIAN PUSHBUTTON
4	EACH	LIGHT DETECTOR
1	EACH	CONTROLLER CABINET (COMPLETE)
1	EACH	SERVICE INSTALLATION

**LEFT ON GREEN ARROW ONLY**  
 "A" R10-5  
 4-REQUIRED

**EXISTING EQUIPMENT TO BE REMOVED LEGEND**


- ← EXISTING SIGNAL HEAD TO BE REMOVED
- "E" ⊞ EXISTING SERVICE INSTALLATION TO BE REMOVED
- "E" ⊞ EXISTING CONTROLLER AND FOUNDATION TO BE REMOVED
- "E" ⊞ EXISTING HANDHOLE TO BE REMOVED
- "E" ⊞ EXISTING HEAVY DUTY HANDHOLE TO BE REMOVED
- ⊞ EXISTING EMERGENCY VEHICLE SYSTEM DETECTOR TO BE REMOVED
- ⊞ EXISTING EMERGENCY VEHICLE SYSTEM BEACON TO BE REMOVED
- ⊙ EXISTING SIGNAL POST AND FOUNDATION TO BE REMOVED
- ⊞ EXISTING PEDESTRIAN SIGNAL HEAD TO BE REMOVED
- ⊙ EXISTING PEDESTRIAN PUSHBUTTON TO BE REMOVED
- ⊙ EXISTING STEEL MAST ARM POLE AND FOUNDATION TO BE REMOVED
- ⊙ EXISTING ALUMINUM MAST ARM POLE AND FOUNDATION TO BE REMOVED

**NOTES FOR TEMPORARY TRAFFIC SIGNALS**

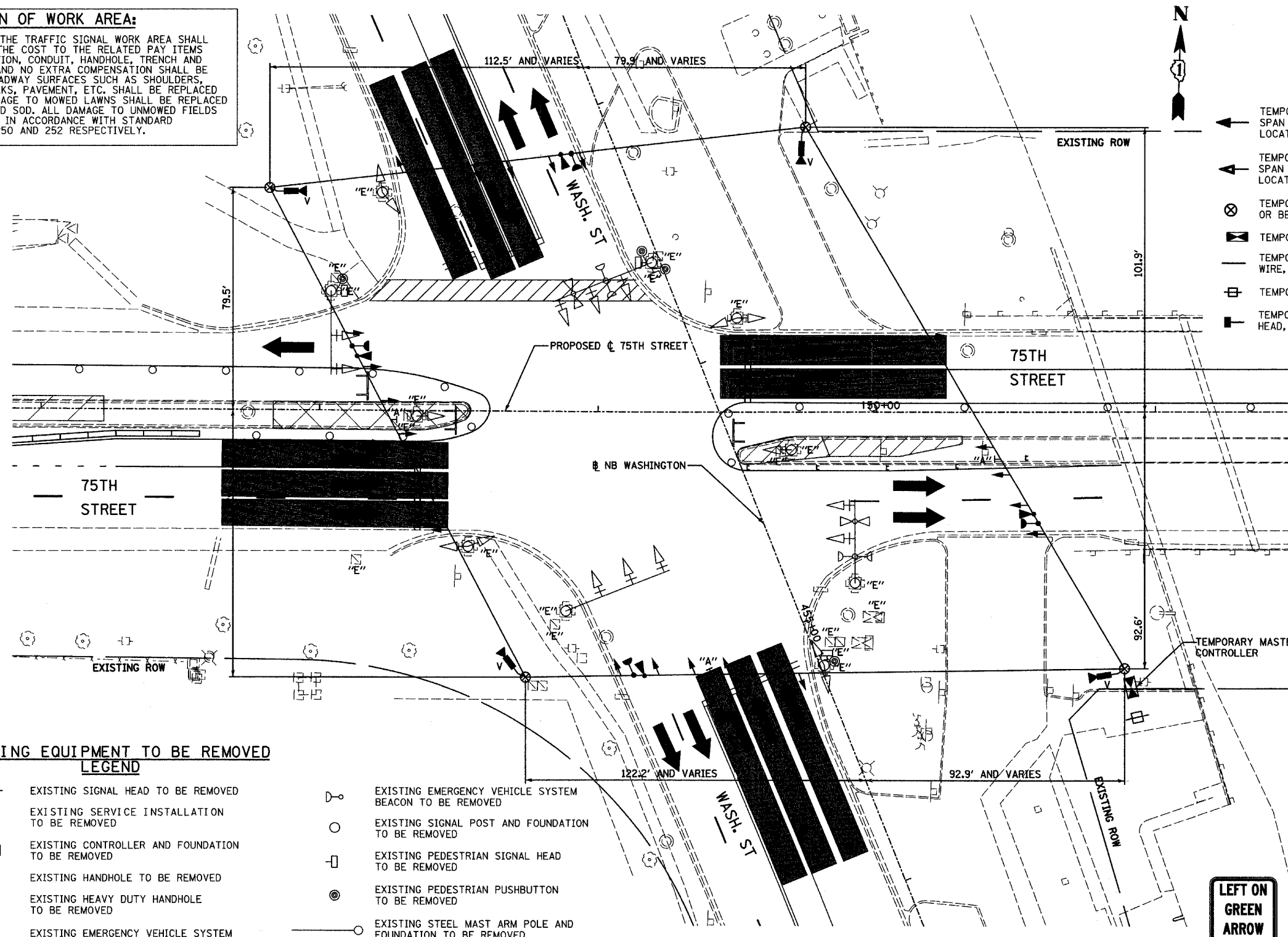
- ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL (S) SHALL BE FURNISHED BY THE CONTRACTOR.
- ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY IDOT DISTRICT 1, INSTALLED IN A NEMA TS1 OR TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.
- ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE 12" (300mm). HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
- ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED AND SECURELY FASTENED TO THE SIGNAL SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.
- ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
- THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL, AT THE TIME OF THE TURN ON, IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.

REVISIONS	
NAME	DATE

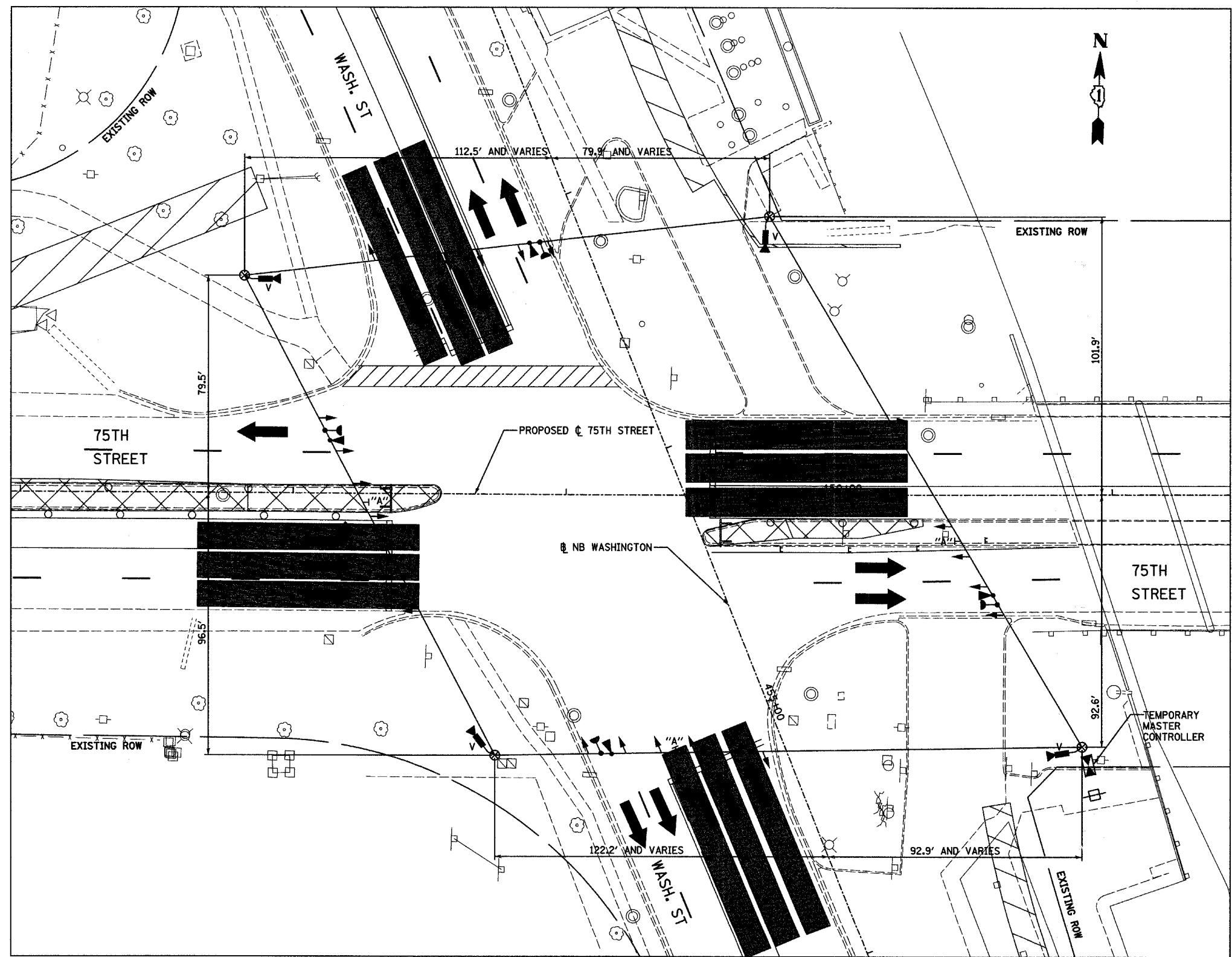
**INTERSECTION IMPROVEMENT**  
**WASHINGTON STREET - 75th STREET**  
**TEMP. TRAFFIC SIGNAL INSTALLATION**  
**AND REMOVAL OF EXISTING TRAFFIC**  
**SIGNAL EQUIPMENT (PRE STAGE A)**  
**75TH STREET AND WASHINGTON STREET**  
 CONSULTANT  
**TYLIN INTERNATIONAL**

City of  **Naperville**

DRAWN: \_\_\_\_\_ SHEET NO. \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 APPROVED: \_\_\_\_\_  
 DATE: APRIL 11, 2008  
 SCALE: 1"=20'-0"  
 JOB NO.: P-91-494-00 PROJECT NO.: M-CMM-7003 (985)



F.A.U. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	00-00114-00-PV	DUPAGE	56	200
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 63024				




**LEFT ON GREEN  
ARROW  
ONLY**  
"A" R10-5

**PRE STAGE B**

REVISIONS	
NAME	DATE

**INTERSECTION IMPROVEMENT  
WASHINGTON STREET - 75th STREET  
TEMP. TRAFFIC SIGNAL INSTALLATION  
AND REMOVAL OF EXISTING TRAFFIC  
SIGNAL EQUIPMENT (PRE STAGE B)  
75TH STREET AND WASHINGTON STREET**

CONSULTANT  
**TYLIN INTERNATIONAL**

City of  **Naperville**

DRAWN:	SHEET NO.:
CHECKED:	
APPROVED:	
DATE: APRIL 11, 2008	
SCALE: 1"=20'-0"	
JOB NO.: P-91-494-00	PROJECT NO.: M-CMM-7003 (985)

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