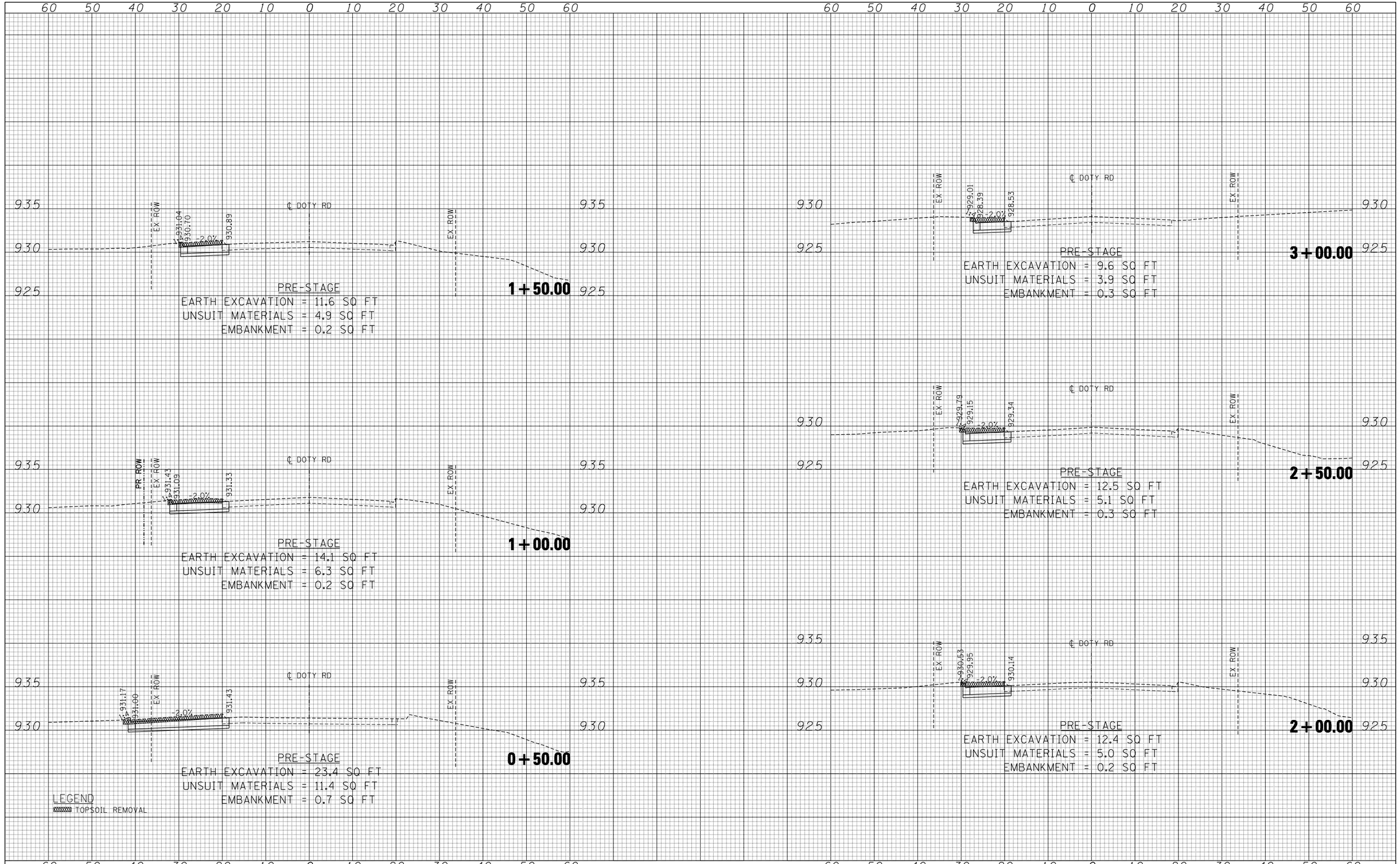

FINAL SURVEY	BY	DATE
NOTE BOOK	SURVEYED	
NO.	PLOTTED	
	TEMPLATE	
	AREAS	
	AREAS CHECKED	

ORIGINAL SURVEY	BY	DATE
NOTE BOOK	SURVEYED	
NO.	PLOTTED	
	TEMPLATE	
	AREAS	
	AREAS CHECKED	

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	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DOTY ROAD PRE-STAGE CROSS-SECTIONS

SCALE: HORIZ. 1" = 10' VERT. 1" = 5' STA. +50.00 TO STA. 3+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	201
		CONTRACT NO. 62268		
		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
NOTE BOOK		
AREAS		
NO.	AREAS CHECKED	

60 50 40 30 20 10 0 10 20 30 40 50 60

930
925

℄ DOTY RD

EX ROW

EX ROW

E 927.40
927.07

PRE-STAGE
EARTH EXCAVATION = 0.8 SQ FT
UNSUIT MATERIALS = 0.2 SQ FT
EMBANKMENT = 0.3 SQ FT

3+89.19

930
925

℄ DOTY RD

EX ROW

EX ROW

E 928.14
927.79
927.82
3.0%

PRE-STAGE
EARTH EXCAVATION = 2.4 SQ FT
UNSUIT MATERIALS = 0.9 SQ FT
EMBANKMENT = 0.2 SQ FT

3+50.00

LEGEND
TOPSOIL REMOVAL

60 50 40 30 20 10 0 10 20 30 40 50 60

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
NOTE BOOK		
AREAS		
NO.	AREAS CHECKED	

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	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DOTY ROAD PRE-STAGE CROSS-SECTIONS

SCALE: HORIZ. 1" = 10' VERT. 1" = 5' STA. 3+50.00 TO STA. 3+89.19

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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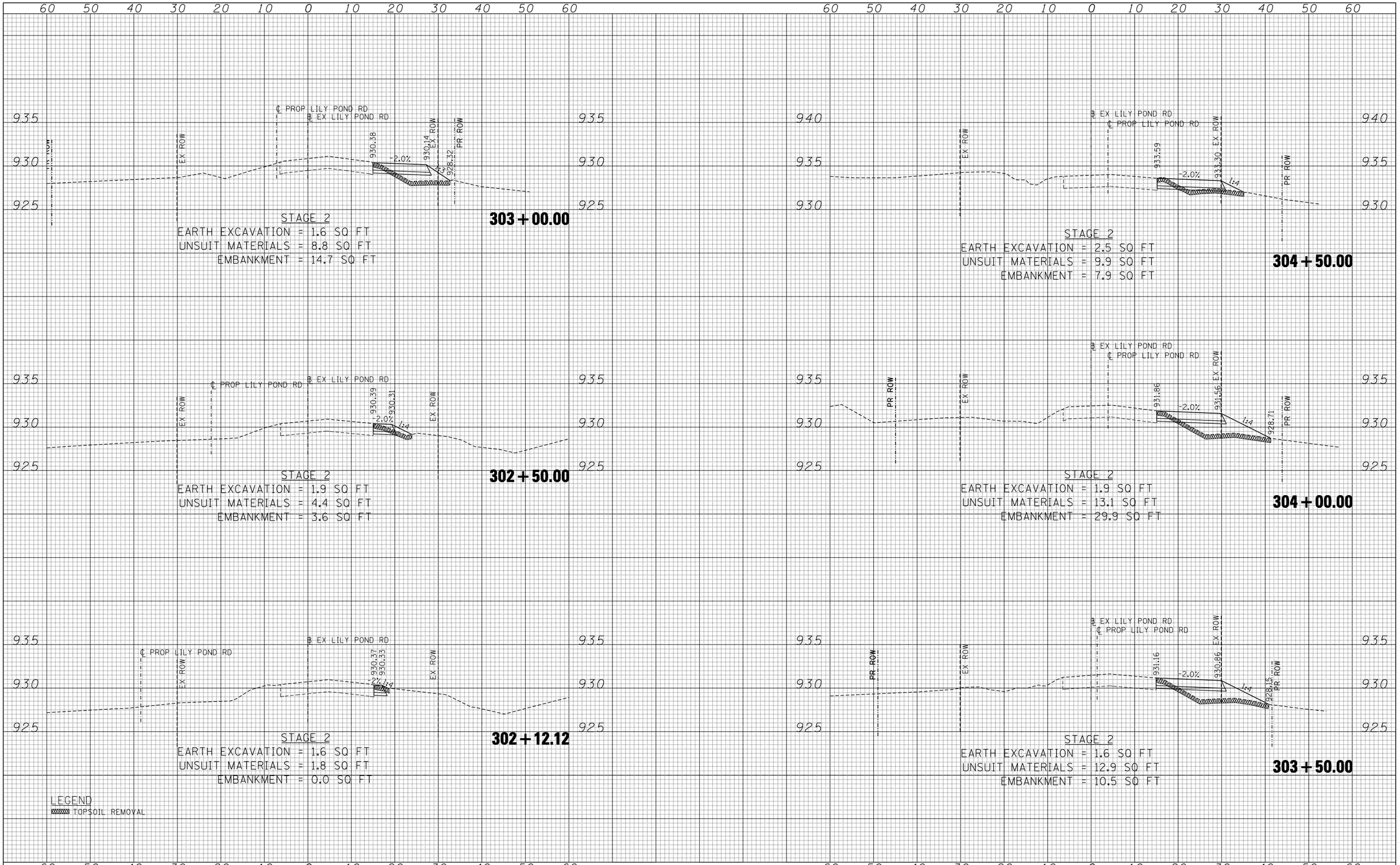
		CONTRACT NO. 62268		
		ILLINOIS FED. AID PROJECT		



FINAL SURVEY	BY	DATE
NOTE BOOK		
NO.		

SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED

ORIGINAL SURVEY	BY	DATE
NOTE BOOK		
NO.		

SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED

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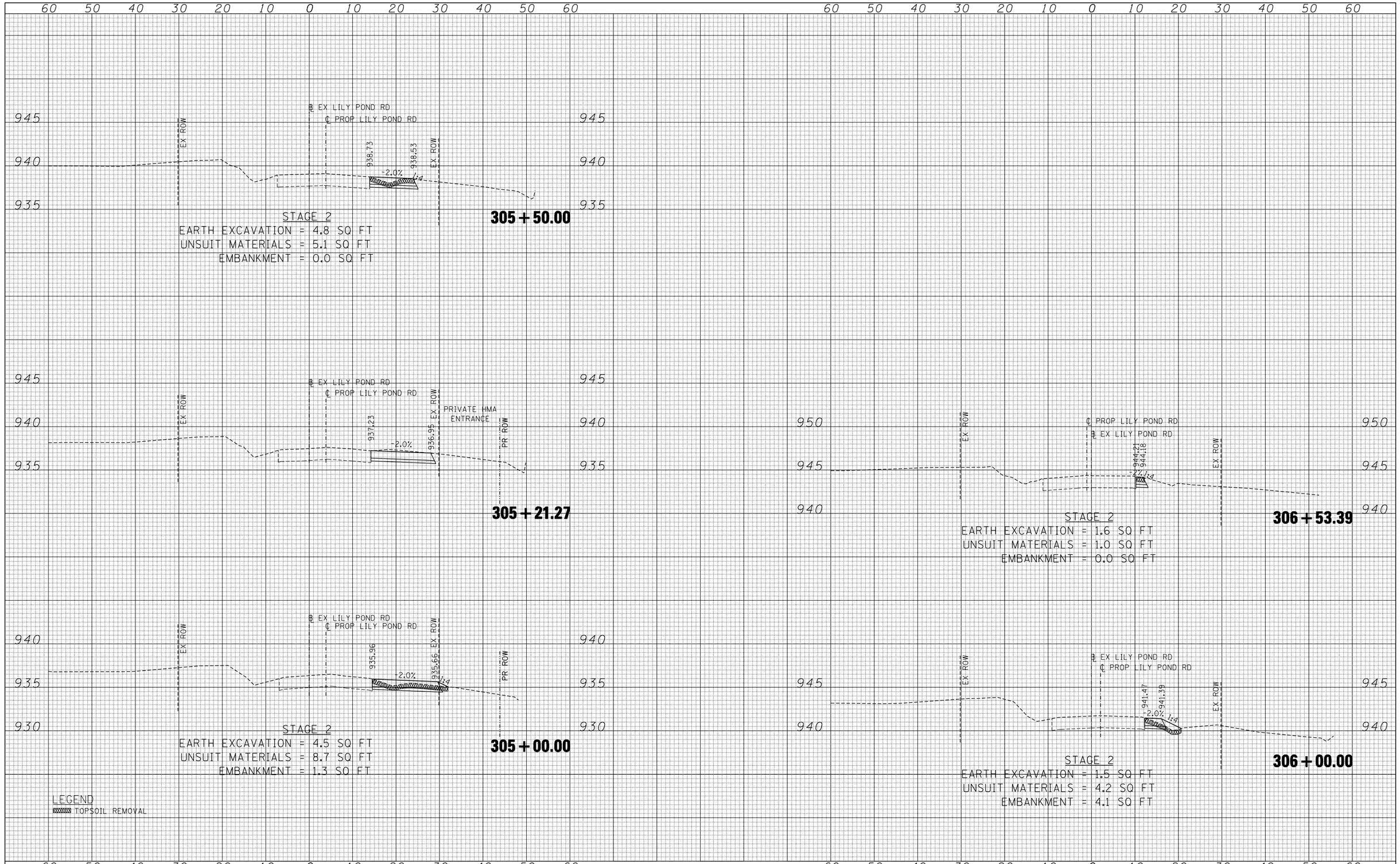
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LILY POND STAGE 2.1 SUBSTAGE A-1 CROSS SECTIONS

SCALE: HORIZ. VERT. STA. 302+12.12 TO STA. 304+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	203
		CONTRACT NO. 62268		
		ILLINOIS FED. AID PROJECT		



FINAL SURVEY

NO.	NOTE BOOK	BY	DATE
	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY

NO.	NOTE BOOK	BY	DATE
	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LILY POND STAGE 2.1 SUBSTAGE A-1 CROSS SECTIONS

SCALE: HORIZ. VERT. STA. 305+00.00 TO STA. 306+53.39

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	204
		CONTRACT NO. 62268		
	ILLINOIS FED. AID PROJECT			

FINAL SURVEY	BY	DATE
NOTE BOOK	SURVEYED	
NO.	PLOTTED	
	TEMPLATE	
	AREAS	
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ORIGINAL SURVEY	BY	DATE
NOTE BOOK	SURVEYED	
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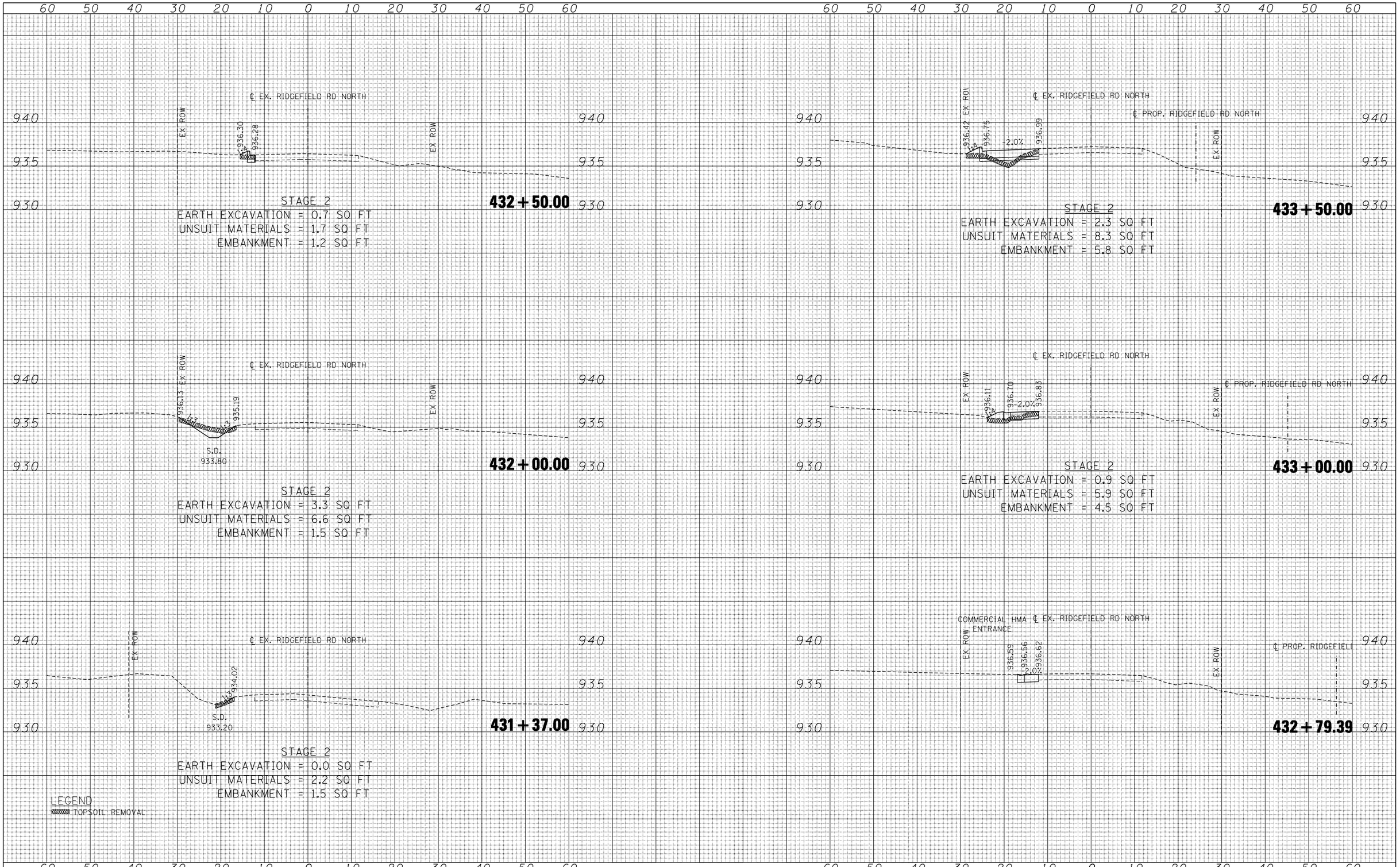

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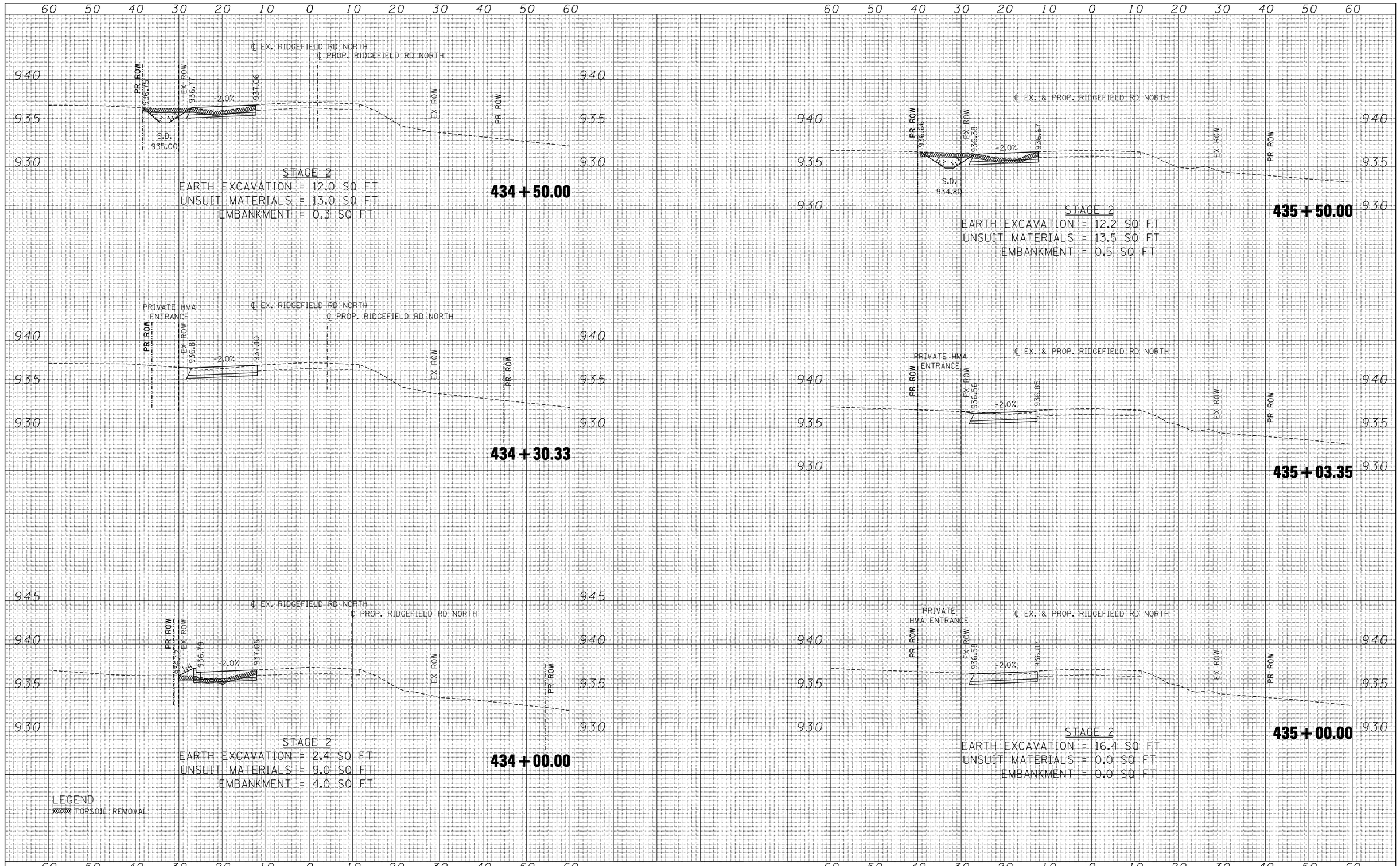
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIDGEFIELD RD NORTH STAGE 2.1 SUBSTAGE B-1 CROSS-SECTIONS

SCALE: HORIZ. VERT. STA. 431+37.00 TO STA. 433+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	205
		CONTRACT NO. 62268		
	ILLINOIS FED. AID PROJECT			



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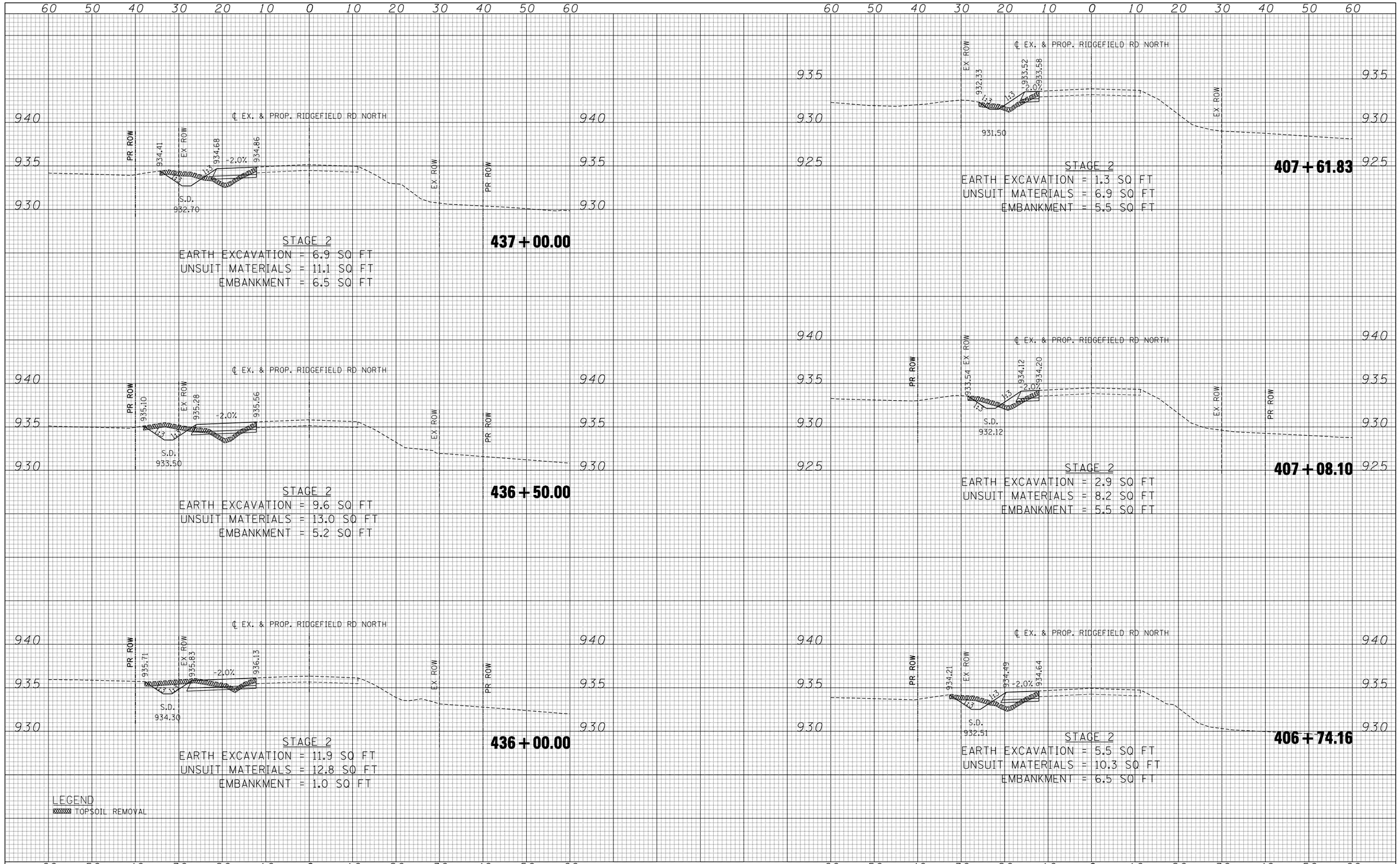
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIDGEFIELD RD NORTH STAGE 2.1 SUBSTAGE B-1 CROSS-SECTIONS

SCALE: HORIZ. VERT. STA. 434+00.00 TO STA. 435+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	206
		CONTRACT NO. 62268		
		ILLINOIS FED. AID PROJECT		



FINAL SURVEY	BY	DATE
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ORIGINAL SURVEY	BY	DATE
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	AREAS	
	AREAS CHECKED	

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	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIDGEFIELD RD NORTH STAGE 2.1 SUBSTAGE B-1 CROSS-SECTIONS

SCALE: HORIZ. VERT. STA. 436+00.00 TO STA. 407+61.83

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	207
		CONTRACT NO. 62268		
		ILLINOIS FED. AID PROJECT		

EROSION AND SEDIMENT CONTROL GENERAL NOTES

1. THE WORK DESCRIBED ON THESE DRAWINGS ARE AN INTEGRAL PART OF THE STORM WATER POLLUTION PREVENTION PLAN USED TO OBTAIN A NPDES PERMIT FROM IEPA FOR THE CONSTRUCTION OF THIS PROJECT.

2. THE PURPOSE OF THE EROSION AND SEDIMENT CONTROL MEASURES INCLUDED FOR THIS PROJECT IS TO LIMIT THE SEDIMENT POLLUTION IMPACT, OF ANY STORM WATER DISCHARGES THAT ORIGINATE ON THIS SITE OR OFF-SITE FLOWS THAT FLOW OVER THE DISTURBED AREAS, ON DOWNSTREAM AREAS.

3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE THAT SEDIMENT TRANSPORT OFF THE SITE IS REDUCED BY A COMBINATION OF MINIMIZATION OF EROSION AT THE SOURCE AND INSTALLATION OF SPECIFIC MEASURES TO CONTROL OR REDUCE THE TRANSPORT OF SEDIMENT. A COPY OF THE EROSION AND SEDIMENT CONTROL SCHEDULE BEING IMPLEMENTED BY THE CONTRACTOR WILL BE ON THE CONSTRUCTION SITE AT ALL TIMES.

4. TO THE MAXIMUM EXTENT POSSIBLE, ALL FLOWS ORIGINATING OFF THE CONSTRUCTION SITE WILL BE DIVERTED AROUND DISTURBED AREAS OR WILL BE CONVEYED THROUGH THE SITE IN A MANNER THAT UNTREATED ON-SITE RUNOFF DOES NOT MIX WITH THE OFF-SITE RUNOFF.

5. ALL RUNOFF ORIGINATING ON DISTURBED AREAS ASSOCIATED WITH THIS PROJECT WILL PASS THROUGH ONE OR MORE MEASURES THAT WILL MINIMIZE THE OFF-SITE SEDIMENT IMPACTS OF THE CONSTRUCTION ACTIVITY.

6. ALL PERMANENT SEDIMENT BASINS, PERMANENT STORM WATER CONTROL MEASURES, AND RUNOFF CONTROL MEASURES REQUIRED TO KEEP OFF-SITE RUNOFF FROM FLOWING OVER THE CONSTRUCTION AREA WILL BE INSTALLED BEFORE CLEARING AND STRIPPING OF THE SITE PROCEEDS. PRIOR TO PROCEEDING WITH GENERAL EARTHWORK ON A PROJECT THE CONTRACTOR WILL OBTAIN APPROVAL OF HIS PROPOSED EARTHWORK AND STABILIZATION SCHEDULE.

7. A MAXIMUM OF 10 ACRES MAY BE IN SOME STAGE OF GRADING AT A SINGLE TIME. ADDITIONAL AREAS (UP TO 10 ACRES) MAY BE CLEARED BUT WILL NOT BE STRIPPED OF VEGETATION UNTIL THE GRADED AREAS HAVE BEEN PROTECTED FROM EROSION THROUGH INSTALLATION OF EITHER TEMPORARY OR PERMANENT MEASURES. WHENEVER POSSIBLE, THE GRADING WILL BE COMPLETED TO THE DESIGN GRADE AND THE PERMANENT VEGETATION PLAN IMPLEMENTED PRIOR TO STARTING GRADING ACTIVITIES ON THE NEXT SITE.
   (A) WHEN BALANCING EARTHWORK (BORROW FROM A CUT USED AS FILL AT A LOCATION DISTANT FROM THE CUT) THE ENGINEER WILL CONSIDER ALLOWING MORE THAN 10 ACRES OF GRADING AT A TIME. THE 10 ACRES LIMITATION DOES NOT INCLUDE HAUL ROADS, BRIDGE CONSTRUCTION WORK AREAS AND STORAGE AREAS.
   (B) VARIATIONS TO THE ABOVE MAY BE CONSIDERED BY THE ENGINEER UNDER ALL THE FOLLOWING CONDITIONS:
   - IF THE CONTRACTOR FALLS BEHIND SCHEDULE THROUGH NO FAULT OF HIS OWN.
   - THE CONTRACTOR MUST PRESENT A SCHEDULE DEMONSTRATING THE NEED FOR SUCH VARIATION IN ORDER TO COMPLETE THE WORK ON TIME.
   - THE CONTRACTOR MUST COMPLY WITH ALL OTHER CONTRACT REQUIREMENTS.

8. DISTURBED AREAS ARE TO BE PROTECTED FROM EROSION IN A TIMELY MANNER. UPON COMPLETION OF GRADING OR CONSTRUCTION, THE AREA WILL BE STABILIZED (USING PERMANENT MEASURES WHEN POSSIBLE) WITHIN 7 CALENDAR DAYS. TEMPORARY STABILIZATION THROUGH USE OF GROUND COVER, MULCHING, OR OTHER APPROVED MEASURES WILL BE INSTALLED WHENEVER SITE DEVELOPMENT WORK, GRADING OR OTHER EARTH DISTURBING ACTIVITIES CEASE TO BE CONTINUOUS FOR A PERIOD EXCEEDING 14 CALENDAR DAYS. THE 7/14 DAY REQUIREMENT IS TAKEN TO MEAN THAT THE STABILIZATION OPERATION IS COMPLETE OR NEARING COMPLETION IN THE DEFINED TIME.

9. STABILIZATION MEASURES SHOULD BE INSTALLED ON CUT OR FILL SLOPES IN ACCORDANCE WITH THE ILR10 PERMIT REGARDLESS OF HEIGHT OF CUT OR FILL SLOPE. ONCE THE STABILIZATION MEASURES ARE INSTALLED, THE PLACEMENT OF FILL OR EXCAVATION ACTIVITIES ARE ALLOWED TO PROCEED.

10. THE CONTRACTOR SHALL DESIGNATE ONE OF HIS EMPLOYEES AS RESPONSIBLE FOR IMPLEMENTATION OF THE EROSION AND SEDIMENT CONTROL PLAN ON ALL DISTURBED AREAS. THIS PERSON IS TO BE KNOWLEDGEABLE ABOUT INSTALLATION AND MAINTENANCE OF THE REQUIRED MEASURES. THIS EMPLOYEE IS TO HAVE THE AUTHORITY TO CARRY OUT THE IMPLEMENTATION OF ANY INSTRUCTIONS CONCERNING THE EROSION AND SEDIMENT CONTROL PLAN GIVEN BY THE ENGINEER. ALL MEASURES WILL BE INSPECTED BY THIS INDIVIDUAL AND THE ENGINEER ON A REGULAR BASIS (AT LEAST ONCE EVERY 7 DAYS) AND AFTER RAINFALL EVENTS GREATER THAN 1/2 INCH OR EQUIVALENT SNOWFALL.

11. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED DURING THE CONSTRUCTION SEASON AS WELL AS THE WINTER MONTHS AND OTHER TIMES WHEN THE PROJECT IS CLOSED DOWN. ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION (DATED JULY 1, 2010): (HTTP://WWW.DOT.IL.GOV/DESENV/ENVIRONMENTAL/IDOT%20FIELD%20GUIDE.PDF) AND IDOT'S BEST MANAGEMENT PRACTICES - MAINTENANCE GUIDES: HTTP://WWW.DOT.IL.GOV/DESENV/ENVIRONMENTAL/BESTPRACTICES.HTML

12. SALVAGED TOPSOIL SHALL BE PLACED ON WELL DRAINED LAND AWAY FROM INTERMITTENT AND LIVE STREAMS OR WETLANDS WITH THE APPROPRIATE RUNOFF CONTROL AND SEDIMENT CONTROL MEASURES INSTALLED AROUND THE STORAGE SITE AND STABILIZED IMMEDIATELY AFTER FINAL SHAPING OF THE PILE IN ACCORDANCE WITH MULCH, METHOD 2. THE CONTRACTOR WILL PROVIDE AN ADEQUATE QUANTITY OF SILT FENCE TO CONTROL THE PERIMETER OF THE STOCKPILE.

13. MATERIALS EXCAVATED FOR THE CONSTRUCTION OR CLEANOUT OF SEDIMENT TRAPS OR SEDIMENT BASINS SHALL NOT BE STOCKPILED IN THE (VICINITY) OF THE TRAP OR BASIN. IT WILL EITHER BE PLACED IN AN EMBANKMENT OR WASTED AS DIRECTED BY THE ENGINEER.

14. EXCAVATION TO BE USED FOR EMBANKMENTS SHALL NOT BE STOCKPILED UNLESS PERIMETER CONTROLS ARE UTILIZED. WHEN THIS MATERIAL IS STOCKPILED FOR THE CONVENIENCE OF THE CONTRACTOR THE COST OF THE CONTROLS ARE BORNE BY THE CONTRACTOR. IF THE MATERIAL IS STOCKPILED AT THE DIRECTION OF THE ENGINEER THE DEPARTMENT WILL ASSUME THE COSTS OF THE CONTROLS.

15. SEDIMENT LADEN DEWATERING DISCHARGE MUST BE DIRECTED TO AN APPROVED SEDIMENT TRAPPING MEASURE PRIOR TO RELEASE FROM THE SITE.

16. WHEN THE CONTRACTOR REQUESTS A CHANGE TO POSTPONE COMPLETION OF THE EXCAVATION OF A SPECIFIC AREA AS A CONTINUOUS OPERATION AND PLACING THE TOPSOIL AS DEFINED IN THE STANDARD SPECIFICATIONS, THE ENGINEER MAY ALLOW THE CONTRACTOR TO STABILIZE THE AREA USING TEMPORARY STABILIZATION WITH STRAW MULCH PROVIDING THE FOLLOWING CONDITIONS ARE MET:
   (A) ALL AREAS BEING STABILIZED ARE 3:1 SLOPES OR FLATTER.
   (B) THE CONTRACTOR BEARS THE COST OF PREPARING THE SEED BED AND STABILIZING THE AREA WITH TEMPORARY STABILIZATION WITH STRAW MULCH.
   (C) ALL REQUIRED SEDIMENT CONTROL MEASURES FOR THE SECTION OF ROAD IN QUESTION HAVE BEEN INSTALLED ARE BEING MAINTAINED.

17. SEEDING USAGE
   TEMPORARY EROSION CONTROL SEEDING - USED ON SHORT TERM TEMPORARY SEEDING.
   CLASS 2A - SALT TOLERANT ROADSIDE MIX USED FOR NEW CONSTRUCTION OF LIMITED ACCESS ROUTES INTENDED TO BE MOWED BY IDOT.
   CLASS 4 - USED AS NATIVE GRASS AT WETLAND AREAS.

18. TOP SOIL PLACEMENT
   TOPSOIL WILL BE PLACED ON FINAL SLOPES WHICH WILL NOT BE DISTURBED BY FUTURE CONSTRUCTION. TOPSOIL WILL NOT BE PLACED ON SURFACES WHICH WILL BE PAVED IN THE FUTURE, NOR ON TEMPORARILY STEEP SLOPES.

19. INLET FILTERS ARE REQUIRED FOR THE STRUCTURES SHOWN ON THE PLANS. STRUCTURE OPENINGS VARY SUCH THAT FIELD MEASUREMENT AND/OR CONTRACTOR DESIGN WILL BE REQUIRED. COST OF DESIGN, LABOR AND MATERIALS WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE PER EACH FOR "INLET FILTER".

20. THE CONSTRUCTION LIMITS WILL BE STAKED BY THE CONTRACTOR PRIOR TO COMMENCING CONSTRUCTION. THE CONSTRUCTION LIMITS MAY BE ADJUSTED BY THE ENGINEER TO PRESERVE TREES AND NO ADDITIONAL COMPENSATION WILL BE PAID TO THE CONTRACTOR FOR CHANGED CONSTRUCTION LIMITS.

21. THE RESIDENT ENGINEER SHALL HAVE FINAL DETERMINATION OF THE PLACEMENT AND LOCATION OF THE SEDIMENT CONTROL, SILT FENCE.

22. SEE EROSION AND SEDIMENT CONTROL PLANS FOR PLACEMENT OF ALL EROSION AND SEDIMENT CONTROL PAY ITEMS.

23. SEE PROPOSED DRAINAGE PLANS FOR FINAL DRAINAGE STRUCTURE, STORM SEWER AND PIPE CULVERT INFORMATION.

24. SEE EXISTING DRAINAGE AND UTILITY PLANS FOR INFORMATION CONCERNING THE REMOVAL, ADJUSTMENT, RECONSTRUCTION, ETC. OF EXISTING STRUCTURE AND PIPES.

25. THE ACTUAL NEED FOR TEMPORARY DRAINAGE FACILITIES, AS WELL AS THE STAGING OF THE PERMANENT DRAINAGE SYSTEM CONSTRUCTION, MAY BE MODIFIED BY THE RESIDENT ENGINEER, WHO SHALL BE CONSULTED BEFORE THE INSTALLATION. WHERE APPLICABLE, TEMPORARY STRUCTURE AND PIPE INFORMATION FOR THIS WORK ARE SHOWN ON THE EROSION CONTROL PLANS.

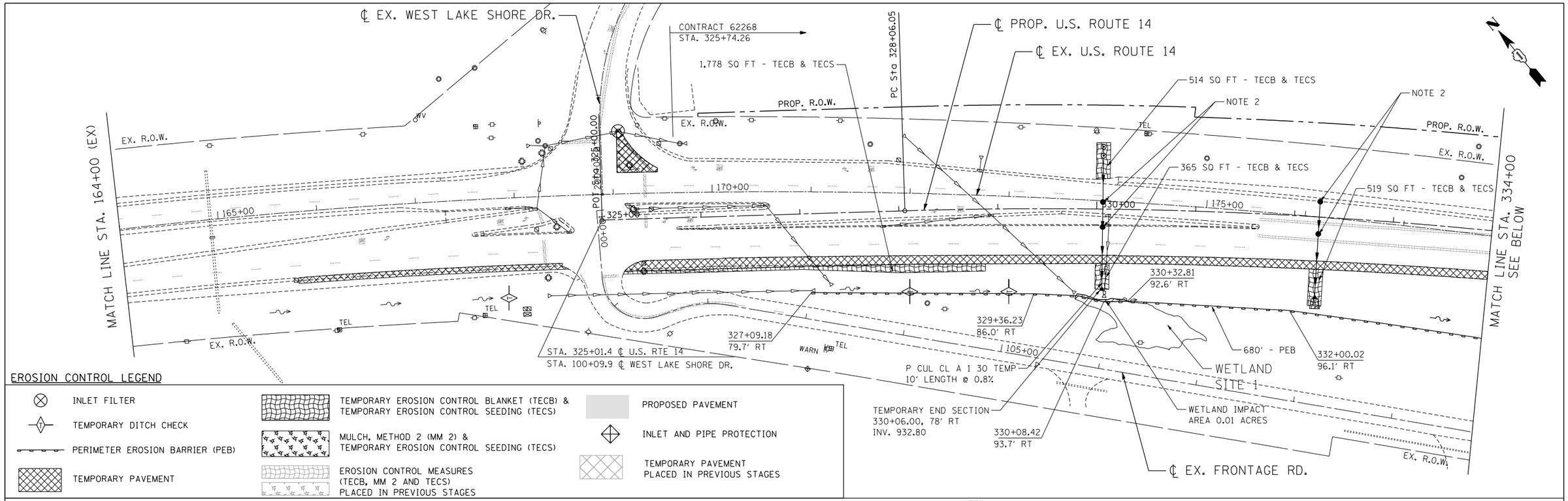
26. EROSION CONTROL MEASURES SHALL BE REMOVED ONLY WHERE INDICATED ON THE PLANS. COST OF REMOVAL SHALL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE TYPE OF MEASURE INDICATED ON THE PLANS.

27. TEMPORARY DRAINAGE STRUCTURES UTILIZED DURING THE STAGING SHALL BE REMOVED. THE REMOVAL OF THESE STRUCTURES WILL BE PAID AT THE CONTRACT UNIT PRICE PER EACH FOR DRAINAGE STRUCTURE TO BE REMOVED.

28. THE COST OF STABILIZED CONSTRUCTION ENTRANCES REQUIRED TO PREVENT THE TRACKING OF SEDIMENTS ONTO THE ROADWAYS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF EARTH EXCAVATION.

29. WHEN STORM SEWER IS UNDER CONSTRUCTION, CONTRACTOR SHALL PROVIDE A PLAN ACCEPTABLE TO THE RESIDENT ENGINEER TO PREVENT EROSION AND SEDIMENTATION FROM RUNOFF ENTERING OR EXITING THE STORM SEWER CONSTRUCTION.

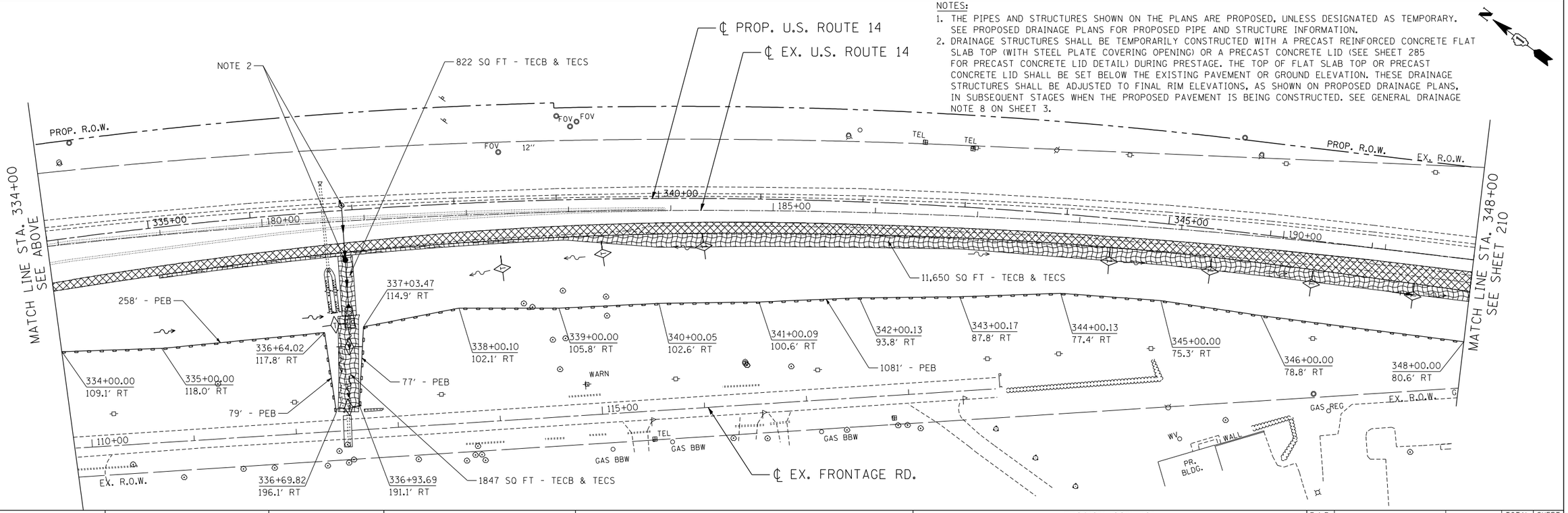
30. IN THE SPECIAL PROVISIONS, THERE IS GUIDANCE FOR CONSTRUCTING A SEDIMENT TRAP USING MATERIALS THAT ARE IN THE CONTRACT. THESE GUIDELINES ARE TO FACILITATE SEDIMENT TRAP CONSTRUCTION, IF A SEDIMENT TRAP IS NEEDED, BASED ON NPDES INSPECTIONS. THE GUIDELINES FOLLOW THE SWPPP DOCUMENT.



EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER (PEB)
- TEMPORARY PAVEMENT
- TEMPORARY EROSION CONTROL BLANKET (TECB) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- MULCH, METHOD 2 (MM 2) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- EROSION CONTROL MEASURES (TECB, MM 2 AND TECS) PLACED IN PREVIOUS STAGES
- PROPOSED PAVEMENT
- INLET AND PIPE PROTECTION
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGES

NOTES:
1. THE PIPES AND STRUCTURES SHOWN ON THE PLANS ARE PROPOSED, UNLESS DESIGNATED AS TEMPORARY. SEE PROPOSED DRAINAGE PLANS FOR PROPOSED PIPE AND STRUCTURE INFORMATION.
2. DRAINAGE STRUCTURES SHALL BE TEMPORARILY CONSTRUCTED WITH A PRECAST REINFORCED CONCRETE FLAT SLAB TOP (WITH STEEL PLATE COVERING OPENING) OR A PRECAST CONCRETE LID (SEE SHEET 285 FOR PRECAST CONCRETE LID DETAIL) DURING PRESTAGE. THE TOP OF FLAT SLAB TOP OR PRECAST CONCRETE LID SHALL BE SET BELOW THE EXISTING PAVEMENT OR GROUND ELEVATION. THESE DRAINAGE STRUCTURES SHALL BE ADJUSTED TO FINAL RIM ELEVATIONS, AS SHOWN ON PROPOSED DRAINAGE PLANS, IN SUBSEQUENT STAGES WHEN THE PROPOSED PAVEMENT IS BEING CONSTRUCTED. SEE GENERAL DRAINAGE NOTE 8 ON SHEET 3.



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	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

EROSION CONTROL
PRESTAGE
STA. 164+00 (EX) TO STA. 348+00

SCALE: 1"=50' | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	209
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

NOTES:

1. THE PIPES AND STRUCTURES SHOWN ARE PROPOSED, UNLESS OTHERWISE CALLED AS TEMPORARY. SEE PROPOSED DRAINAGE PLANS FOR PROPOSED PIPE AND STRUCTURE INFORMATION.
2. SEE NOTE 2 ON SHEET 209.

NO WETLAND IMPACTS
CONNECT TO EX PIPE
WETLAND SITE 3
℄ PROP. U.S. ROUTE 14
℄ EX. U.S. ROUTE 14
P CUL CL D 1 15 TEMP
17' LENGTH @ 2.5%
EX. R.O.W.
TEL
WV
GAS
TEMPORARY END SECTION
350+68.00, 41' RT
INV. 934.0
P CUL CL D 1 15 TEMP
17' LENGTH @ 0.6%
TEMPORARY END SECTION
351+52.00, 42' RT
INV. 933.20
3,280 SQ FT - TECB & TECS
15,357 SQ FT - TECB & TECS
PROP. R.O.W.
EX. R.O.W.
NOTE 2
MATCH LINE STA. 348+00
SEE SHEET 209
MATCH LINE STA. 362+00
SEE BELOW
350+00
355+00
360+00
25+00
20+00
95+00
349+00.00
83.5' RT
AS REGD
350+33.24
81.3' RT
352+00.00
85.5' RT
351+33.52
77.8' RT
351+70.00
86.5' RT
353+00.00
82.0' RT
354+99.87
82.7' RT
356+00.13
80.8' RT
356+85.00
74.0' RT
357+40.86
74.0' RT
357+58.79
74.0' RT
1.0'
441' - PEB
604 SQ FT - TECB & TECS
WETLAND
WETLAND IMPACT
AREA 0.03 ACRES
WETLAND SITE 2
COMM. BLDG.
236' - PEB
2,470 SQ FT - TECB & TECS
618' - PEB

P CUL CL D 1 12 TEMP
12' LENGTH @ 0.8%
TB = 1.4 CU.YD.
P CUL CL D 1 12 TEMP
29' LENGTH @ 3.3%
MATCH LINE STA. 47+25
SEE SHEET 217
800 SQ FT - TECB & TECS
142' - PEB
46+75.49
36.4' RT
℄ EX. LAKE SHORE DR.
5,983 SQ FT - TECB & TECS
STA. 365+60.46 ℄ U.S.RTE 14 =
STA. 45+21.10 ℄ LAKE SHORE DR.
℄ PROP. U.S. ROUTE 14
℄ EX. U.S. ROUTE 14
WETLAND SITE 4
WETLAND IMPACT
AREA 0.20 ACRES
11,298 SQ FT - TECB & TECS
P CUL CL D 1 12 TEMP
44' LENGTH @ 2.2%
TB = 4.3 CU.YD.
PROP. R.O.W.
EX. R.O.W.
TEMPORARY END SECTION
373+73.00, 41.2' RT
INV. 934.00
TEMPORARY END SECTION
374+18.00, 41.2' RT
INV. 935.00
CONNECT TO EX PIPE
MATCH LINE STA. 362+00
SEE ABOVE
MATCH LINE STA. 376+00
SEE SHEET 211
365+00
30+00
370+00
35+00
375+00
45+00
90.09°
REMOVE PIPES
33.2'
342' - PEB
TEMPORARY END SECTION
364+91.00, 62.8' RT
INV. 923.0
CB TC T1F OL (TEMP)
365+20.40, 58.0' RT
RIM 924.35
INV. 922.10 (N & S)
CONNECT TO EX STRUCTURE
MATCH LINE STA. 43+00
SEE SHEET 217
TEMPORARY END SECTION
366+50.00, 65.2' RT
INV. 921.30
P CUL CL D 1 12 TEMP
65' LENGTH @ 0.6%
TB = 7.5 CU.YD.
DRAINAGE STRUCTURE
ADJUSTMENT (SPECIAL)
(SEE SPECIAL PROVISION)
156' - PEB
17'- P CUL CL A 1 EQRS 24 (TEMP)
TB = 0.5 CU.YD.
TEMPORARY END SECTION
370+65.00, 47.2' RT
INV. 918.80
5,210 SQ FT - TECB & TECS
100' - PEB
1.0' (TYP.)

EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER (PEB)
- TEMPORARY PAVEMENT
- TEMPORARY EROSION CONTROL BLANKET (TECB) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- MULCH, METHOD 2 (MM 2) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- EROSION CONTROL MEASURES (TECB, MM 2 AND TECS) PLACED IN PREVIOUS STAGES
- PROPOSED PAVEMENT
- INLET AND PIPE PROTECTION
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGES

FILE NAME = $FILEL$	USER NAME = HECHTBR	DESIGNED -	REVISED -
		DRAWN - MRK	REVISED -
exp U.S. Services Inc. Chicago, IL BUILDINGS·EARTH & ENVIRONMENT·ENERGY INDUSTRIAL·INFRASTRUCTURE·SUSTAINABILITY	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

EROSION CONTROL
PRESTAGE
STA. 348+00 TO STA. 376+00

SCALE: 1"=50' | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	210
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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11-06-2013,16:07:45 HECHTBR I:\DOCUMENTS\934-3901\CIVIL\DGN\ERC00_KE.DGN

EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER (PEB)
- TEMPORARY PAVEMENT
- TEMPORARY EROSION CONTROL BLANKET (TECB) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- MULCH, METHOD 2 (MM 2) & TEMPORARY EROSION CONTROL SEEDING (TECS)
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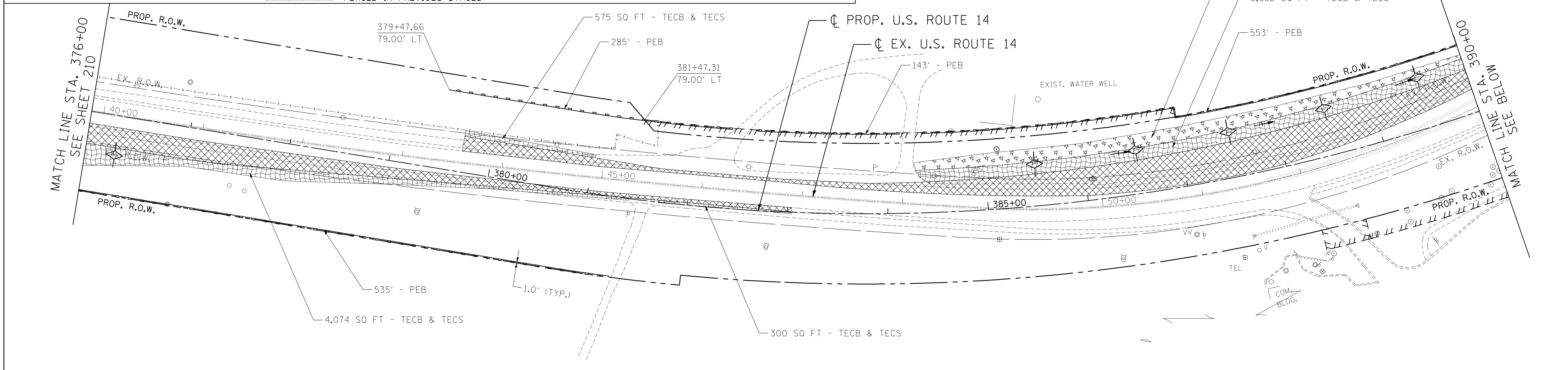
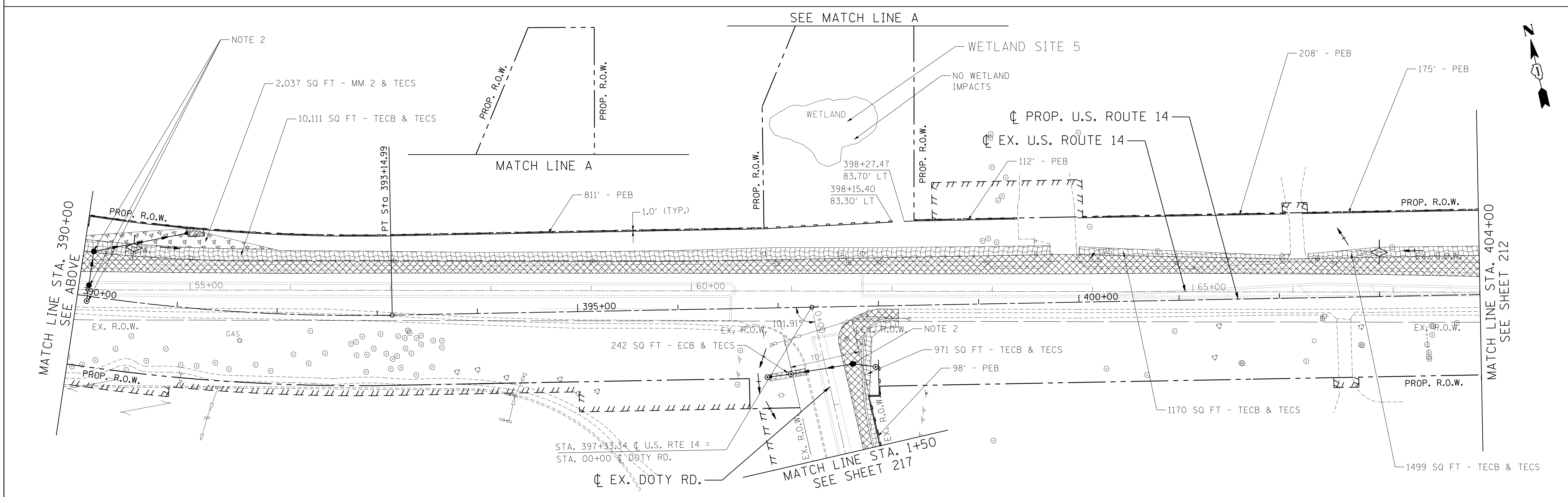
- PROPOSED PAVEMENT
- INLET AND PIPE PROTECTION
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGES

NOTES:

1. THE PIPES AND STRUCTURES SHOWN ARE PROPOSED, UNLESS OTHERWISE CALLED AS TEMPORARY. SEE PROPOSED DRAINAGE PLANS FOR PROPOSED PIPE AND STRUCTURE INFORMATION.
2. SEE NOTE 2 ON SHEET 209.





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exp U.S. Services Inc. Chicago, IL BUILDINGS·EARTH & ENVIRONMENT·ENERGY INDUSTRIAL·INFRASTRUCTURE·SUSTAINABILITY		DRAWN - MRK	REVISED -	
	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -	
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -	

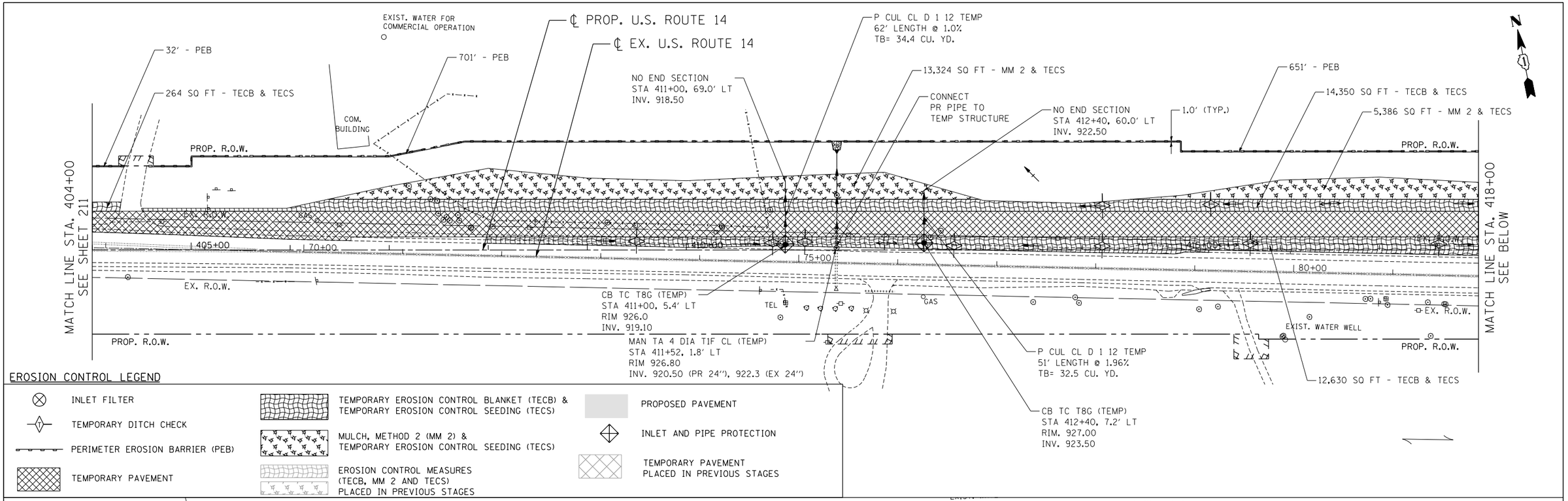
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

EROSION CONTROL
PRESTAGE
STA. 376+00 TO STA. 404+00

SCALE: 1"=50' | SHEET NO. OF SHEETS | STA. TO STA.

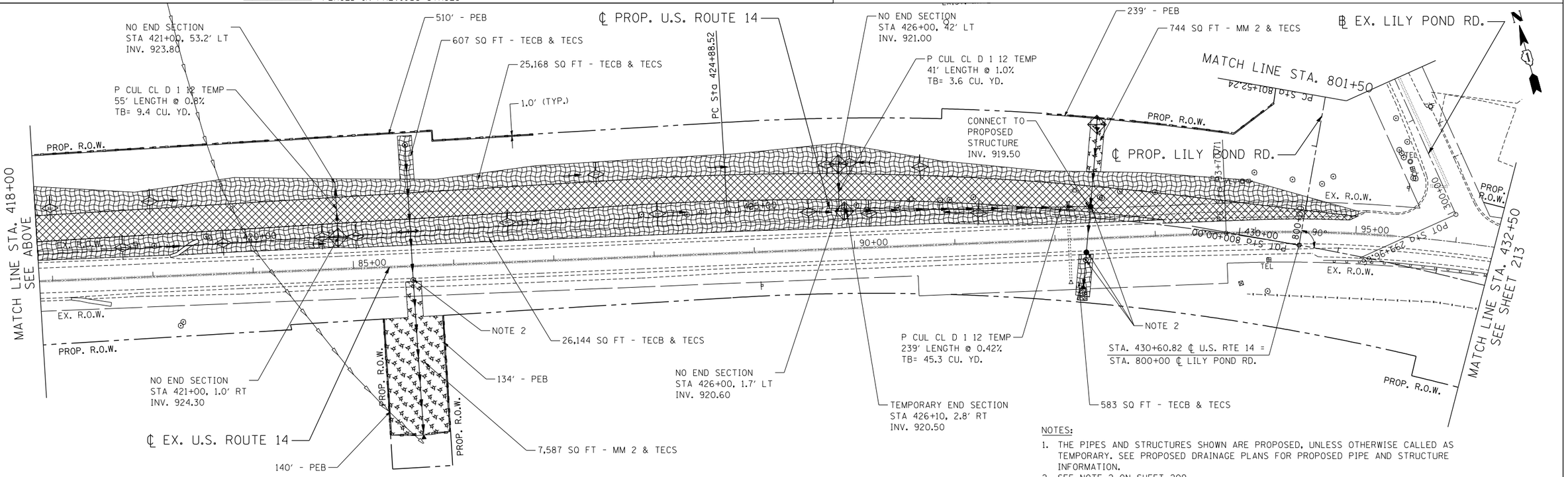
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	211
		CONTRACT NO. 62268		

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



EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER (PEB)
- TEMPORARY PAVEMENT
- TEMPORARY EROSION CONTROL BLANKET (TECB) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- MULCH, METHOD 2 (MM 2) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- EROSION CONTROL MEASURES (TECB, MM 2 AND TECS) PLACED IN PREVIOUS STAGES
- PROPOSED PAVEMENT
- INLET AND PIPE PROTECTION
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGES



NOTES:

1. THE PIPES AND STRUCTURES SHOWN ARE PROPOSED, UNLESS OTHERWISE CALLED AS TEMPORARY. SEE PROPOSED DRAINAGE PLANS FOR PROPOSED PIPE AND STRUCTURE INFORMATION.
2. SEE NOTE 2 ON SHEET 209.

FILE NAME =	USER NAME = HECHTBR	DESIGNED -	REVISED -
$FILEL$		DRAWN - MRK	REVISED -
exp U.S. Services Inc. Chicago, IL BUILDINGS·EARTH & ENVIRONMENT·ENERGY INDUSTRIAL·INFRASTRUCTURE·SUSTAINABILITY	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

EROSION CONTROL
PRESTAGE
STA. 404+00 TO STA. 432+50

SCALE: 1"=50' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	212
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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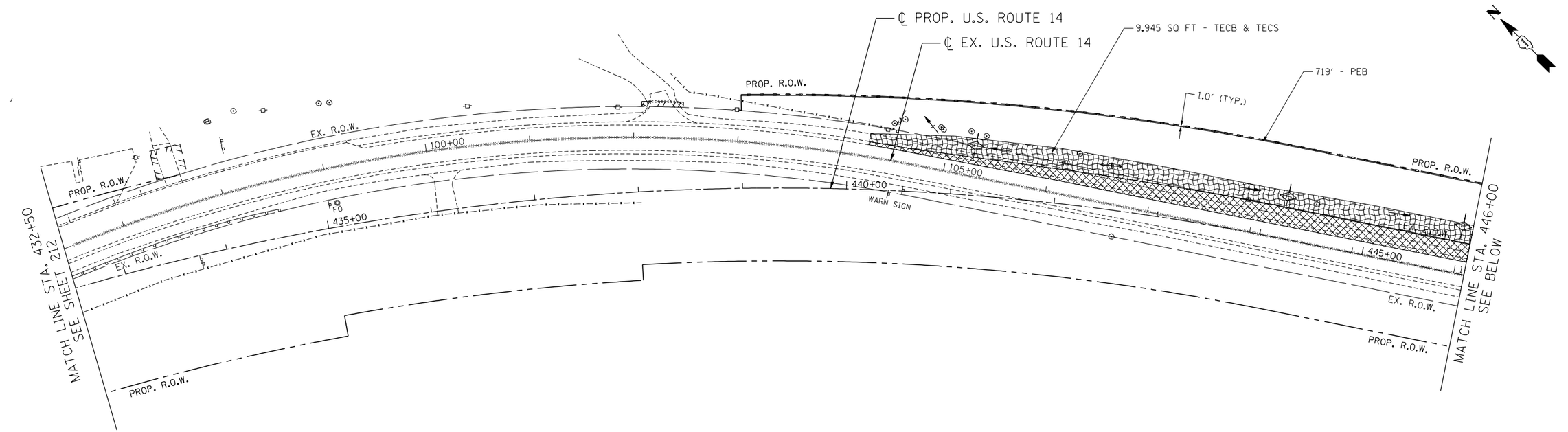

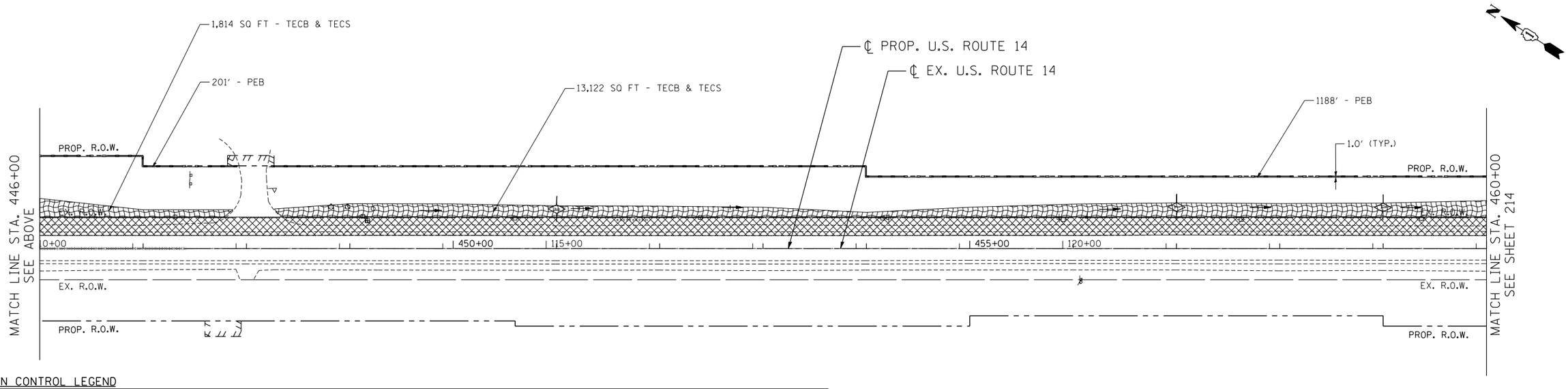

EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER (PEB)
- TEMPORARY PAVEMENT
- TEMPORARY EROSION CONTROL BLANKET (TECB) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- MULCH, METHOD 2 (MM 2) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- EROSION CONTROL MEASURES (TECB, MM 2 AND TECS) PLACED IN PREVIOUS STAGES
- PROPOSED PAVEMENT
- INLET AND PIPE PROTECTION
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGES

FILE NAME = $FILEL$	USER NAME = HECHTBR	DESIGNED -	REVISED -
		DRAWN - MRK	REVISED -
exp U.S. Services Inc. Chicago, IL BUILDINGS·EARTH & ENVIRONMENT·ENERGY INDUSTRIAL·INFRASTRUCTURE·SUSTAINABILITY	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

EROSION CONTROL
PRESTAGE
STA. 432+50 TO STA. 460+00

SCALE: 1"=50' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	213
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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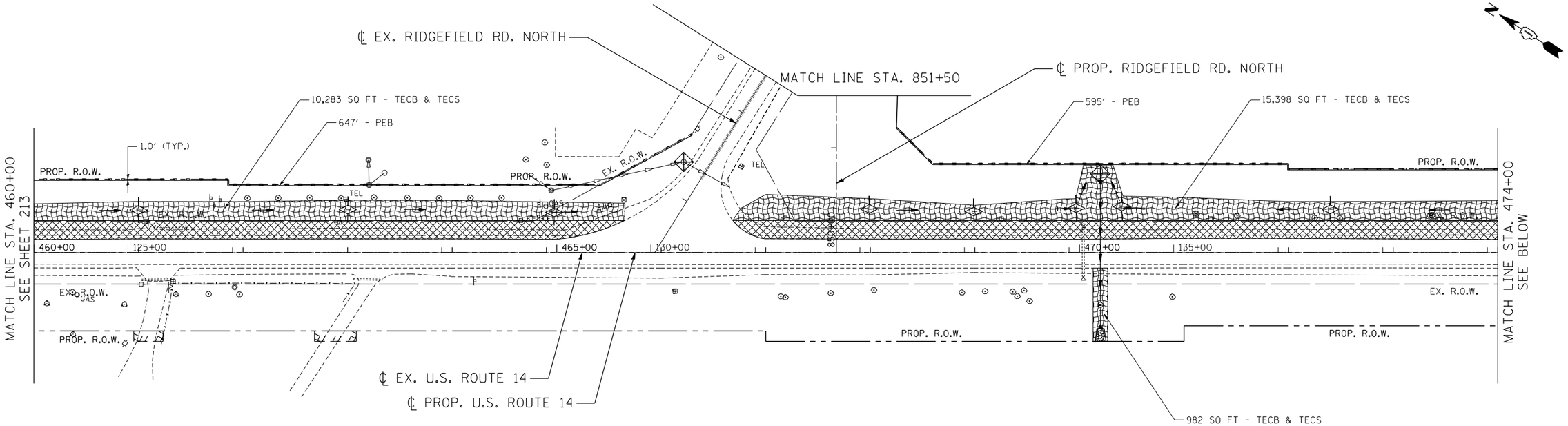
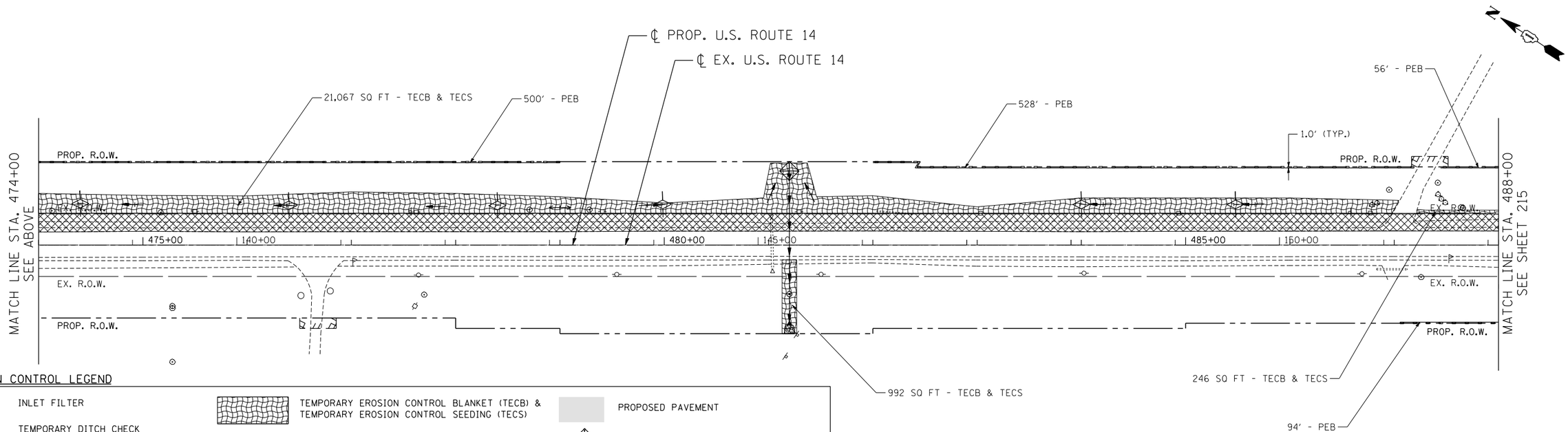


NOTE: THE PIPES AND STRUCTURES SHOWN ARE PROPOSED, UNLESS OTHERWISE CALLED AS TEMPORARY. SEE PROPOSED DRAINAGE PLANS FOR PROPOSED PIPE AND STRUCTURE INFORMATION.



EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER (PEB)
- TEMPORARY PAVEMENT
- TEMPORARY EROSION CONTROL BLANKET (TECB) & TEMPORARY EROSION CONTROL SEEDING (TECS)
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- EROSION CONTROL MEASURES (TECB, MM 2 AND TECS) PLACED IN PREVIOUS STAGES
- PROPOSED PAVEMENT
- INLET AND PIPE PROTECTION
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGES

FILE NAME = $FILEL$	USER NAME = HECHTBR	DESIGNED -	REVISED -
		DRAWN - MRK	REVISED -
exp U.S. Services Inc. Chicago, IL BUILDINGS·EARTH & ENVIRONMENT·ENERGY INDUSTRIAL·INFRASTRUCTURE·SUSTAINABILITY	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

EROSION CONTROL
PRESTAGE
STA. 460+00 TO STA. 488+00

SCALE: 1"=50' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	214
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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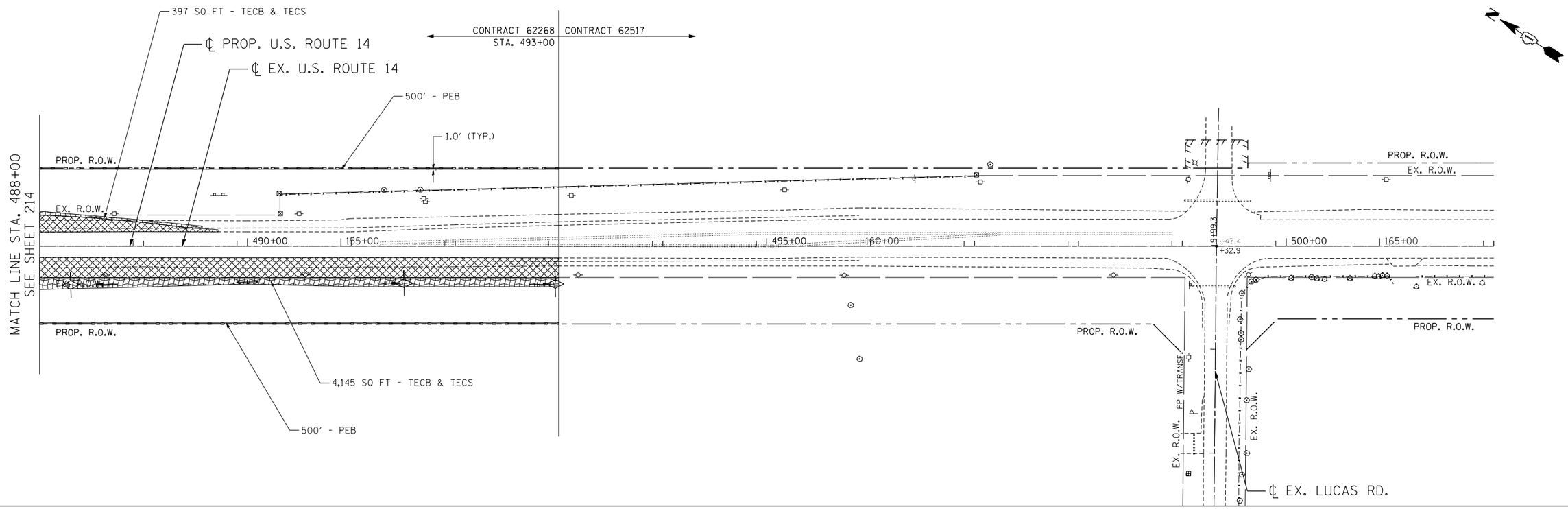

EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER (PEB)
- TEMPORARY PAVEMENT
- TEMPORARY EROSION CONTROL BLANKET (TECB) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- MULCH, METHOD 2 (MM 2) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- EROSION CONTROL MEASURES (TECB, MM 2 AND TECS) PLACED IN PREVIOUS STAGES
- PROPOSED PAVEMENT
- INLET AND PIPE PROTECTION
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGES

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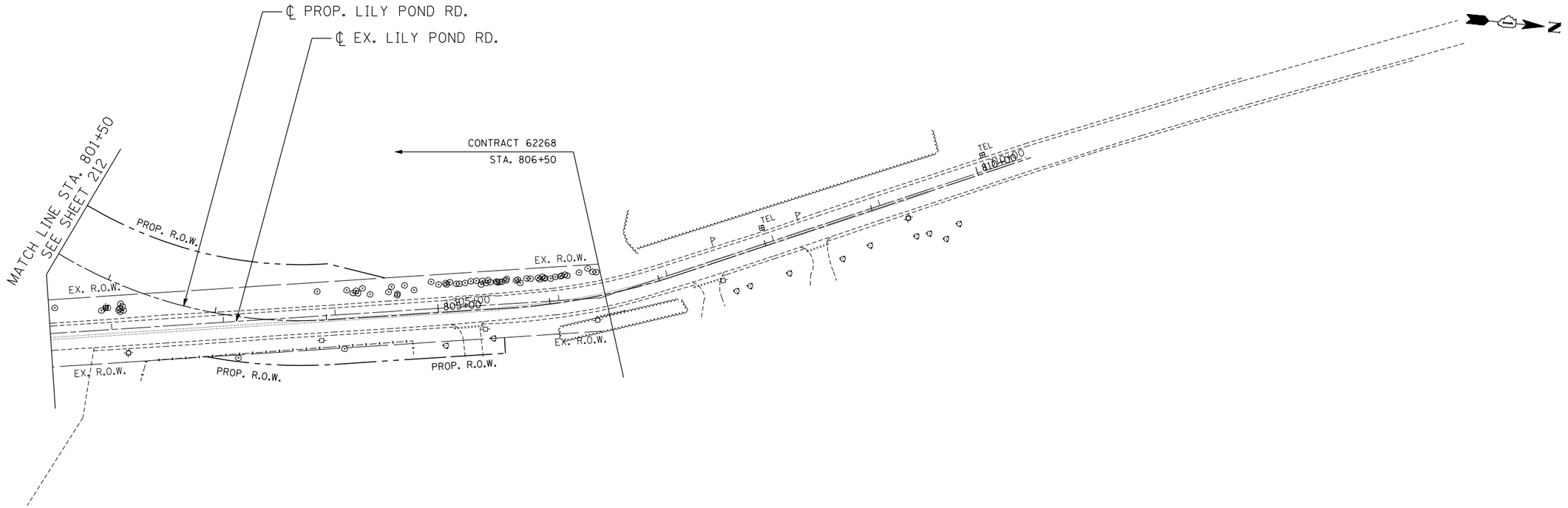
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

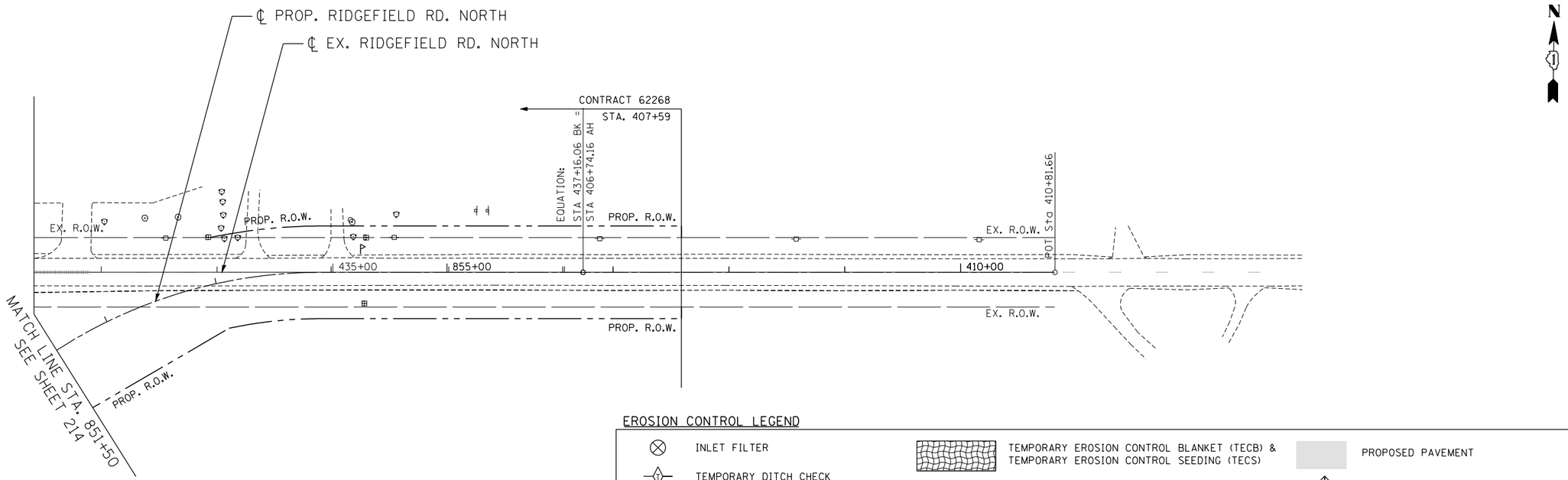
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

EROSION CONTROL
PRESTAGE
STA. 488+00 TO STA. 502+00

SCALE: 1"=50' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	215
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		





EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER (PEB)
- TEMPORARY PAVEMENT
- TEMPORARY EROSION CONTROL BLANKET (TECB) & TEMPORARY EROSION CONTROL SEEDING (TECS)
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- PROPOSED PAVEMENT
- INLET AND PIPE PROTECTION
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGES

FILE NAME = $FILEL$	USER NAME = HECHTBR	DESIGNED -	REVISED -
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exp U.S. Services Inc. Chicago, IL BUILDINGS·EARTH & ENVIRONMENT·ENERGY INDUSTRIAL·INFRASTRUCTURE·SUSTAINABILITY	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

EROSION CONTROL
PRESTAGE
LILY POND & RIDGEFIELD ROAD

SCALE: 1"=50' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	216
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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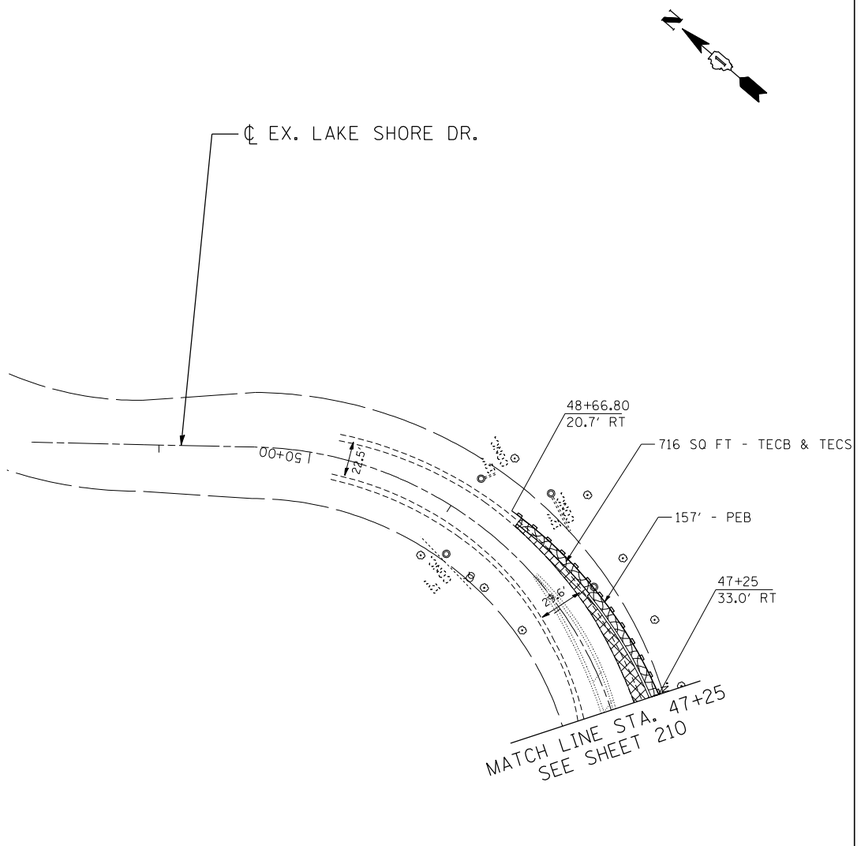

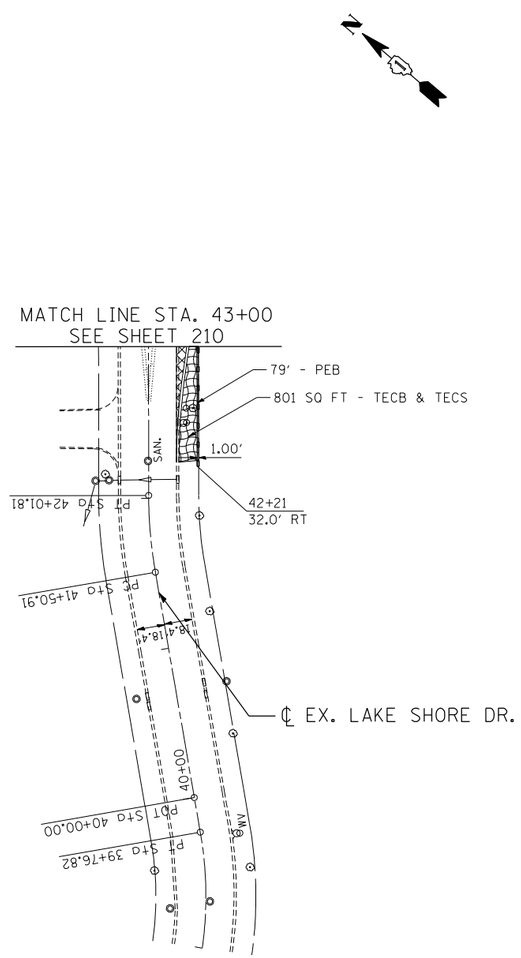

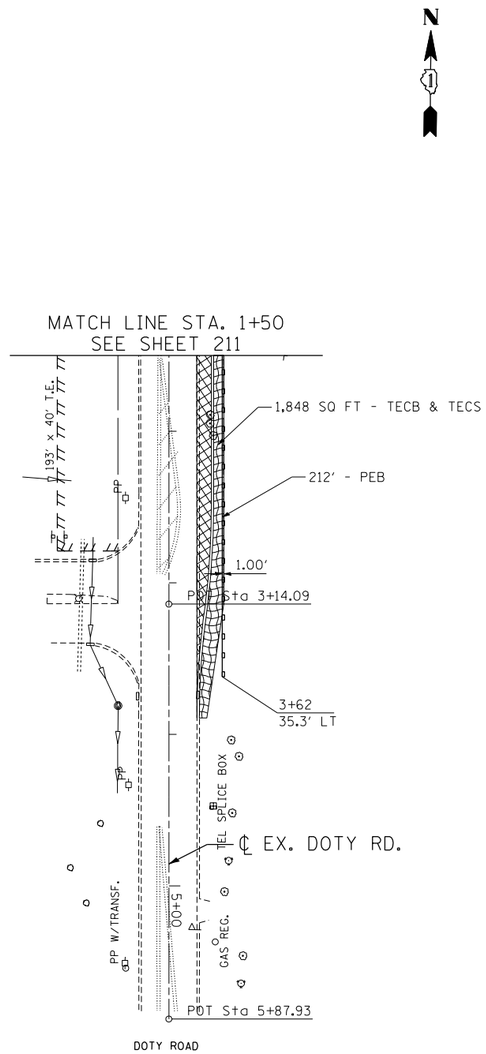

EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER (PEB)
- TEMPORARY PAVEMENT
- TEMPORARY EROSION CONTROL BLANKET (TECB) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- MULCH, METHOD 2 (MM 2) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- EROSION CONTROL MEASURES (TECB, MM 2 AND TECS) PLACED IN PREVIOUS STAGES
- PROPOSED PAVEMENT
- INLET AND PIPE PROTECTION
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGES

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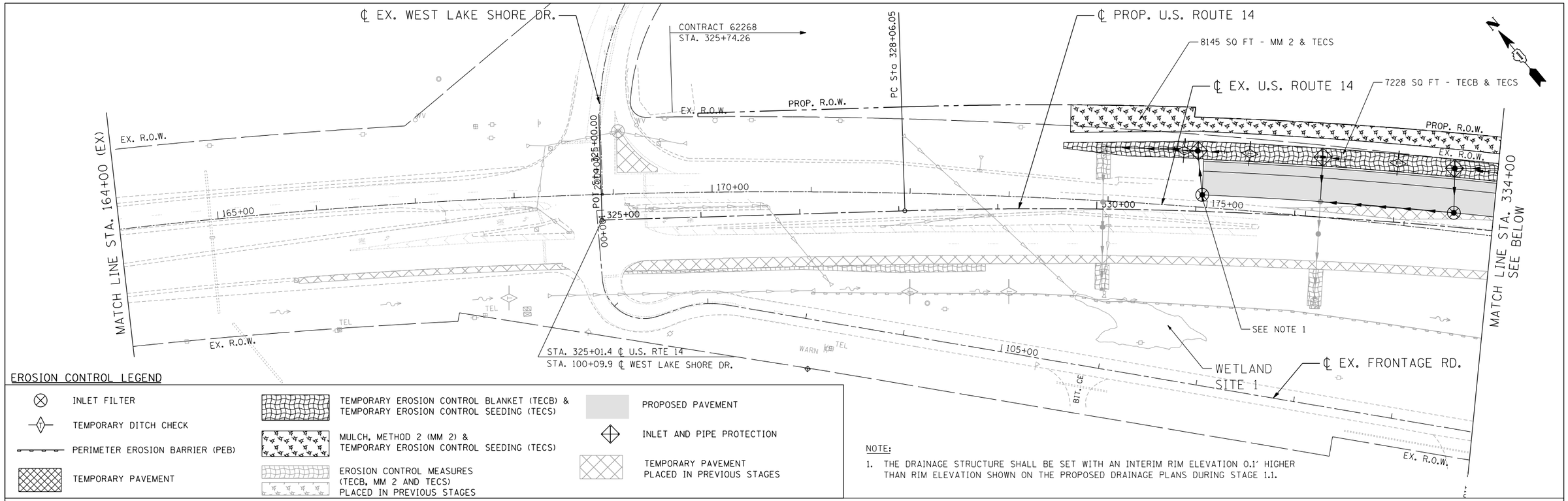
exp U.S. Services Inc. Chicago, IL
BUILDINGS·EARTH & ENVIRONMENT·ENERGY
INDUSTRIAL·INFRASTRUCTURE·SUSTAINABILITY

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

EROSION CONTROL
PRESTAGE
LAKE SHORE DRIVE & DOTY ROAD

SCALE: 1"=50' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	217
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



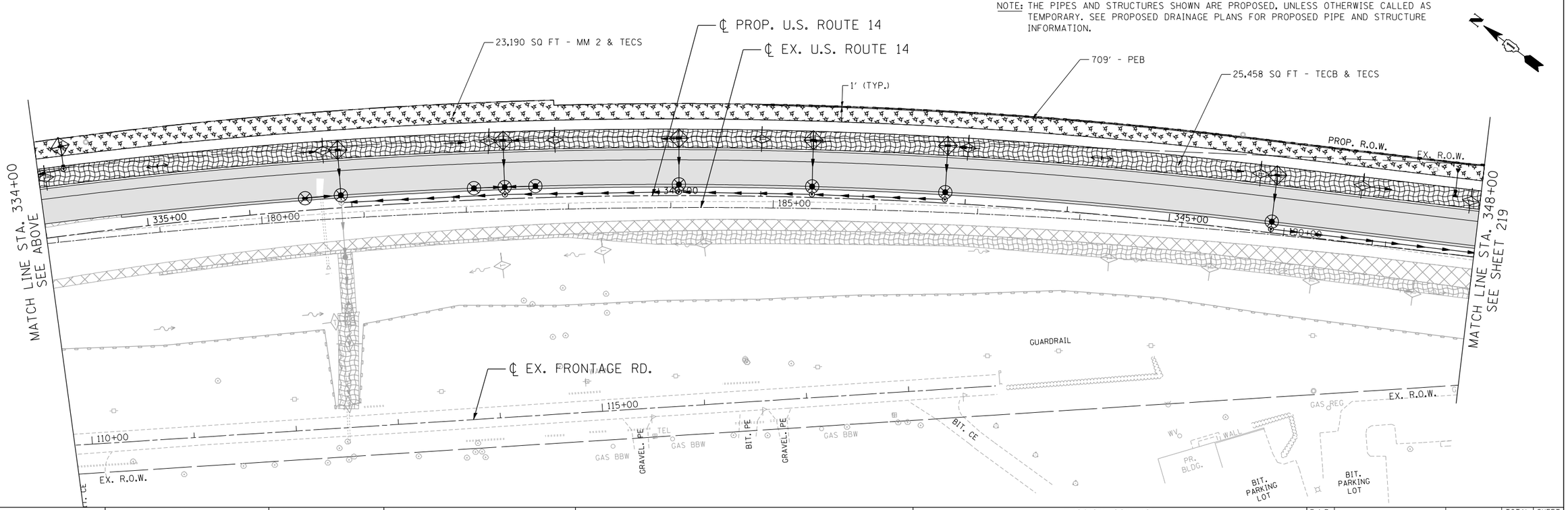
EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER (PEB)
- TEMPORARY PAVEMENT
- TEMPORARY EROSION CONTROL BLANKET (TECB) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- MULCH, METHOD 2 (MM 2) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- EROSION CONTROL MEASURES (TECB, MM 2 AND TECS) PLACED IN PREVIOUS STAGES
- PROPOSED PAVEMENT
- INLET AND PIPE PROTECTION
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGES

NOTE:

1. THE DRAINAGE STRUCTURE SHALL BE SET WITH AN INTERIM RIM ELEVATION 0.1' HIGHER THAN RIM ELEVATION SHOWN ON THE PROPOSED DRAINAGE PLANS DURING STAGE 1.1.

NOTE: THE PIPES AND STRUCTURES SHOWN ARE PROPOSED, UNLESS OTHERWISE CALLED AS TEMPORARY. SEE PROPOSED DRAINAGE PLANS FOR PROPOSED PIPE AND STRUCTURE INFORMATION.



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	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

EROSION CONTROL
STAGE 1.1
STA. 164+00 (EX) TO STA. 348+00

SCALE: 1"=50' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	218
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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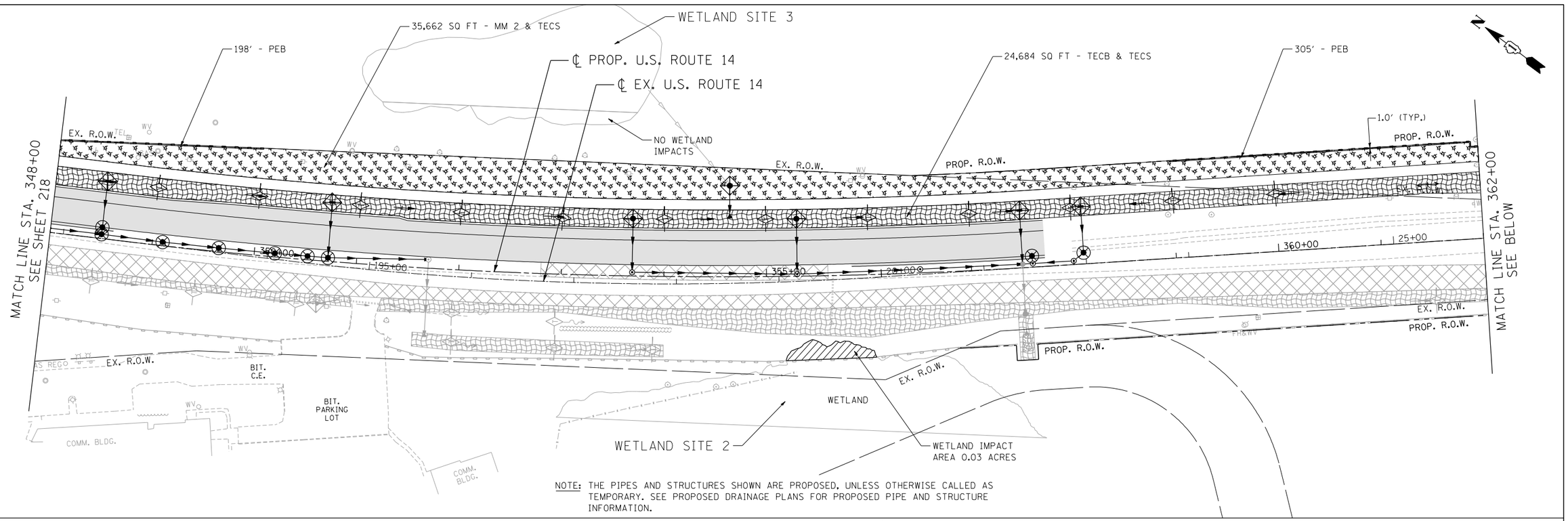

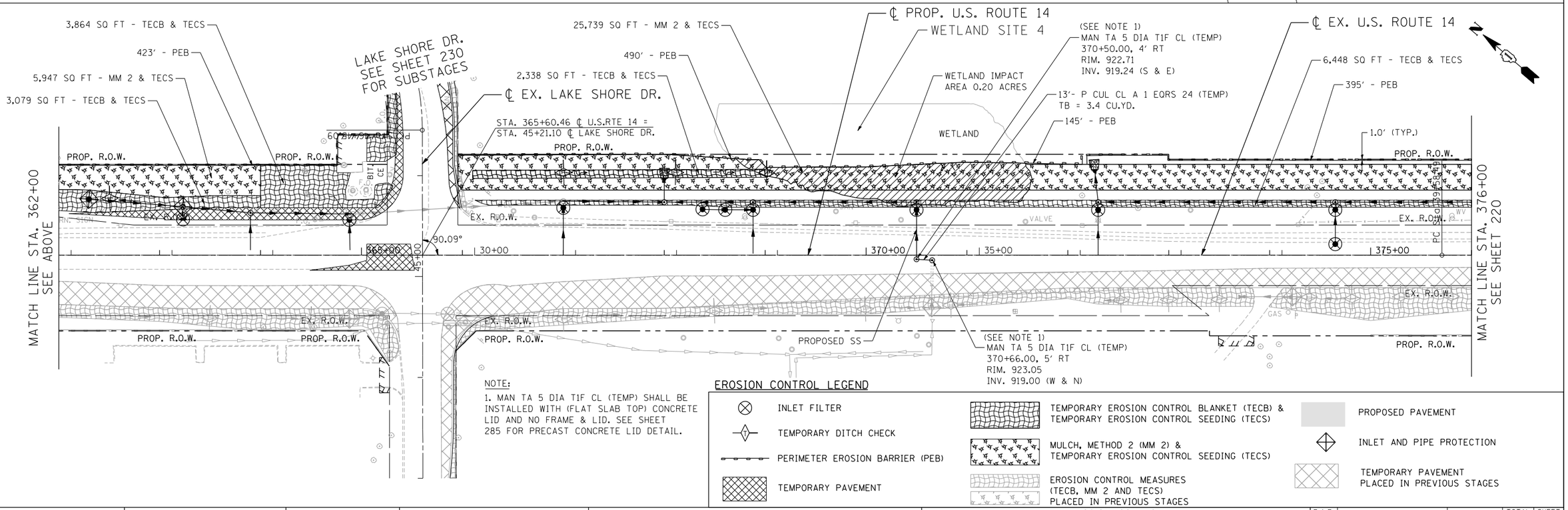

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	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

EROSION CONTROL
STAGE 1.1
STA. 348+00 TO STA. 376+00

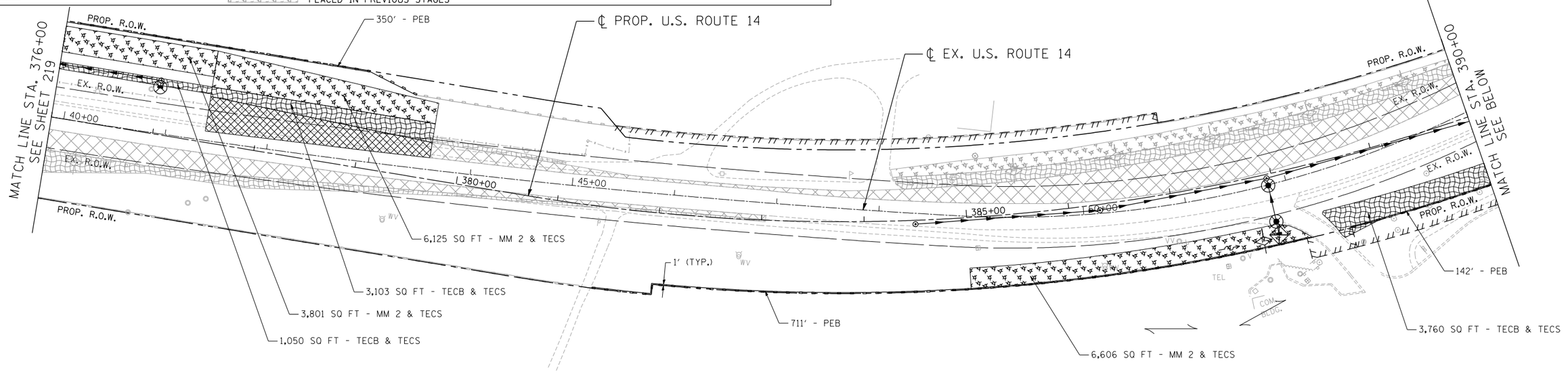
SCALE: 1"=50' | SHEET NO. OF SHEETS | STA. | TO STA.

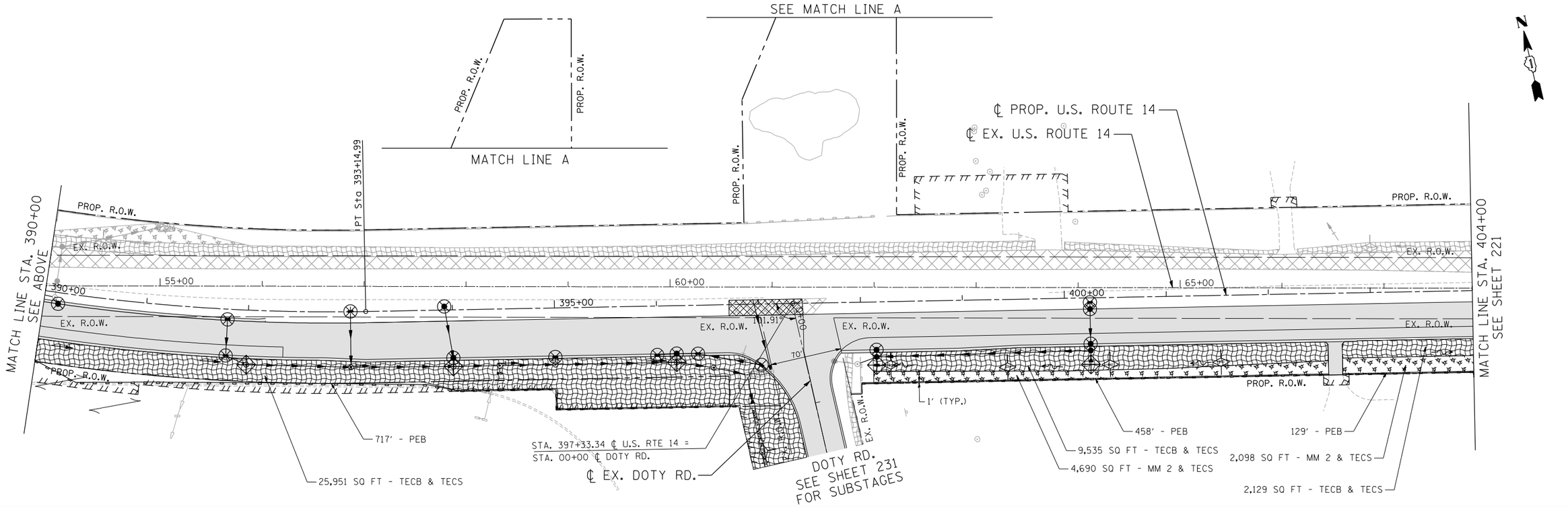
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	219
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER (PEB)
- TEMPORARY PAVEMENT
- TEMPORARY EROSION CONTROL BLANKET (TECB) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- MULCH, METHOD 2 (MM 2) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- EROSION CONTROL MEASURES (TECB, MM 2 AND TECS) PLACED IN PREVIOUS STAGES
- PROPOSED PAVEMENT
- INLET AND PIPE PROTECTION
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGES

NOTE: THE PIPES AND STRUCTURES SHOWN ARE PROPOSED, UNLESS OTHERWISE CALLED AS TEMPORARY. SEE PROPOSED DRAINAGE PLANS FOR PROPOSED PIPE AND STRUCTURE INFORMATION.





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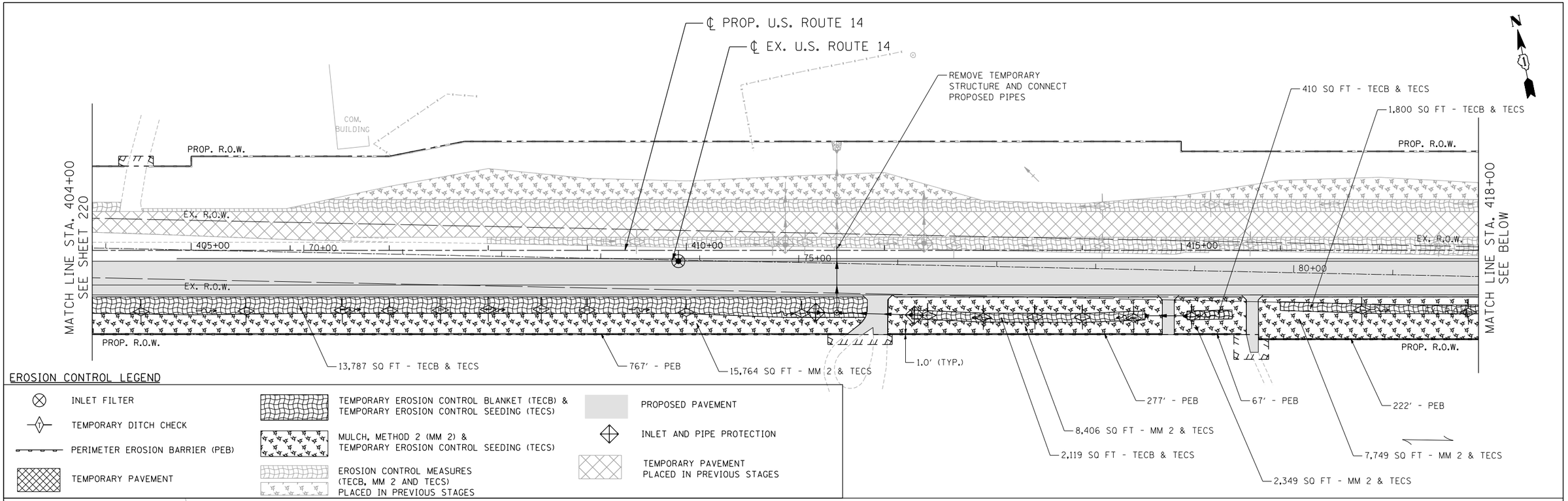
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

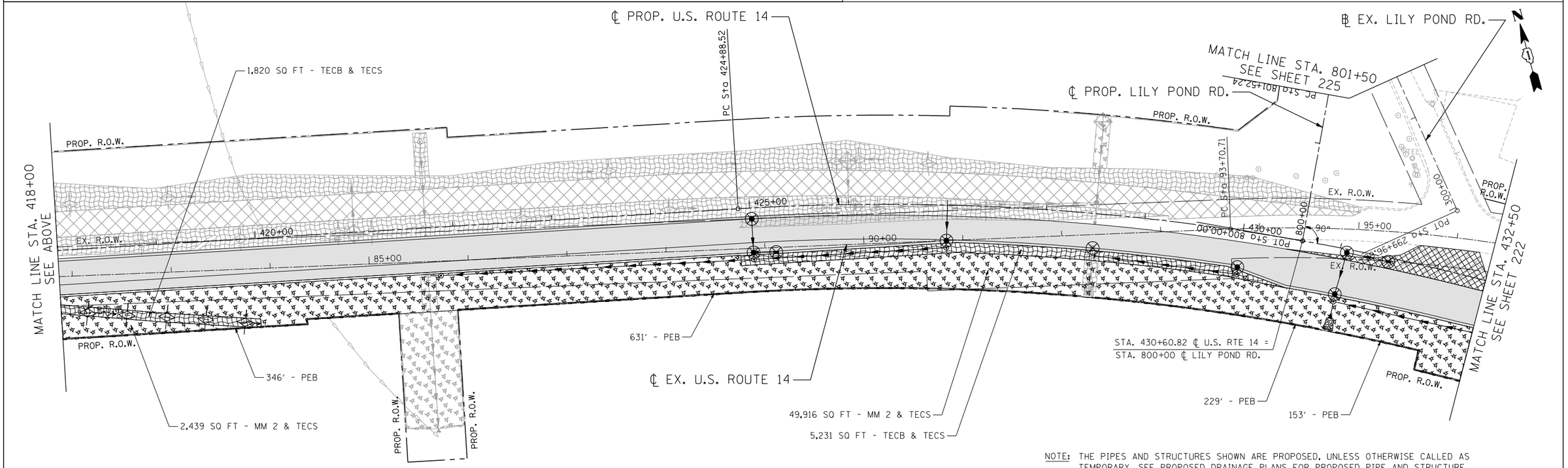
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

EROSION CONTROL
STAGE 1.1
STA. 376+00 TO STA. 404+00

SCALE: 1"=50' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	220
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		





NOTE: THE PIPES AND STRUCTURES SHOWN ARE PROPOSED, UNLESS OTHERWISE CALLED AS TEMPORARY. SEE PROPOSED DRAINAGE PLANS FOR PROPOSED PIPE AND STRUCTURE INFORMATION.

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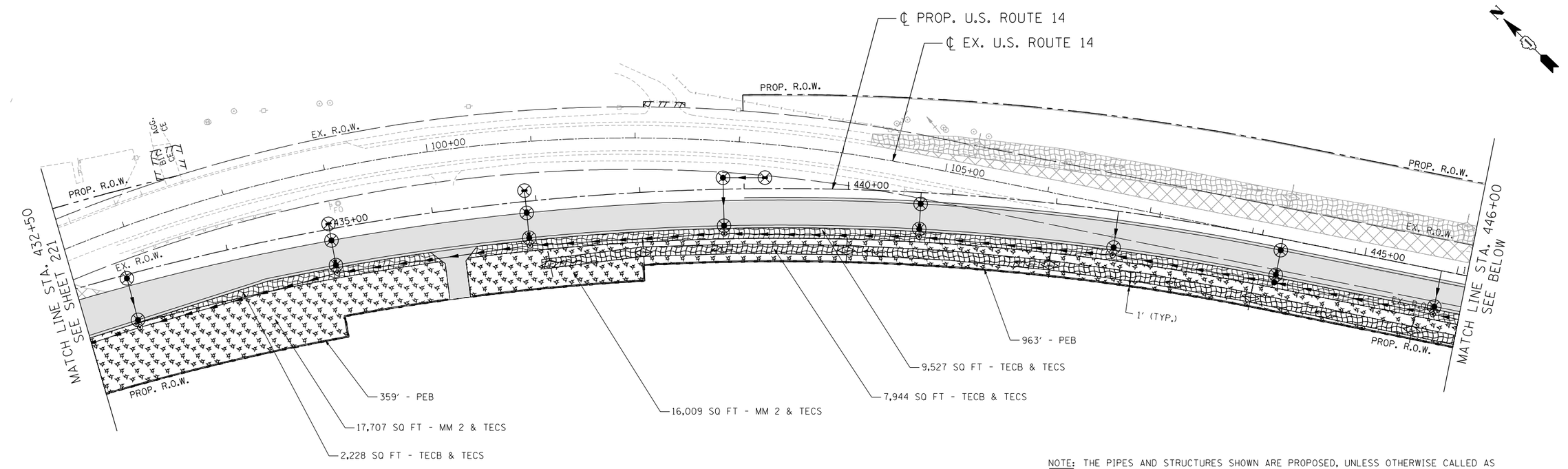
	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

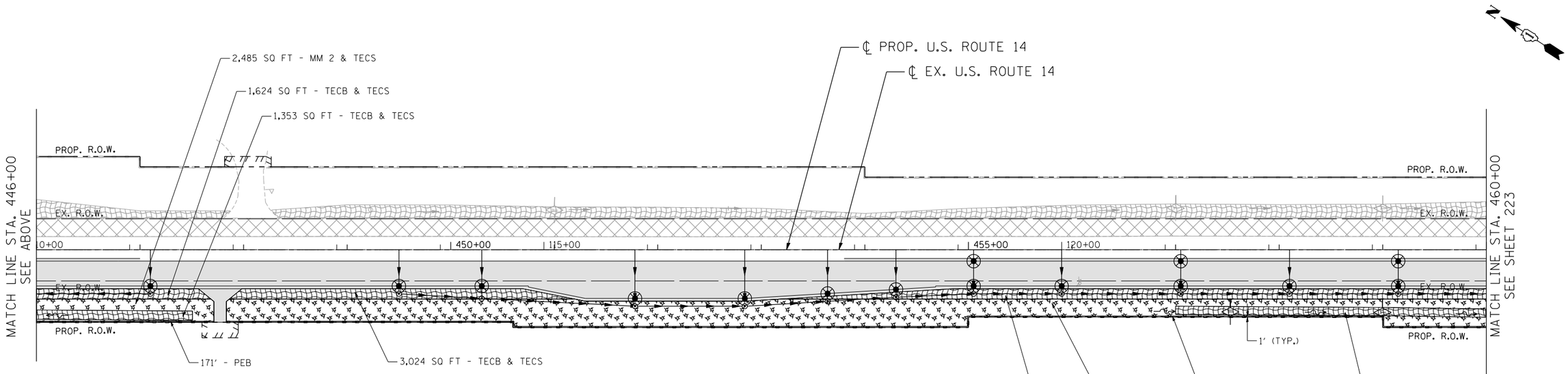
EROSION CONTROL
STAGE 1.1
STA. 404+00 TO STA. 432+50

SCALE: 1"=50' | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	221
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



NOTE: THE PIPES AND STRUCTURES SHOWN ARE PROPOSED, UNLESS OTHERWISE CALLED AS TEMPORARY. SEE PROPOSED DRAINAGE PLANS FOR PROPOSED PIPE AND STRUCTURE INFORMATION.



EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER (PEB)
- TEMPORARY PAVEMENT
- TEMPORARY EROSION CONTROL BLANKET (TECB) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- MULCH, METHOD 2 (MM 2) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- EROSION CONTROL MEASURES (TECB, MM 2 AND TECS) PLACED IN PREVIOUS STAGES
- PROPOSED PAVEMENT
- INLET AND PIPE PROTECTION
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGES

FILE NAME = $FILEL$	USER NAME = HECHTBR	DESIGNED -	REVISED -
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exp U.S. Services Inc. Chicago, IL
BUILDINGS·EARTH & ENVIRONMENT·ENERGY
INDUSTRIAL·INFRASTRUCTURE·SUSTAINABILITY

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

EROSION CONTROL
STAGE 1.1
STA. 432+50 TO STA. 460+00

SCALE: 1"=50' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	222
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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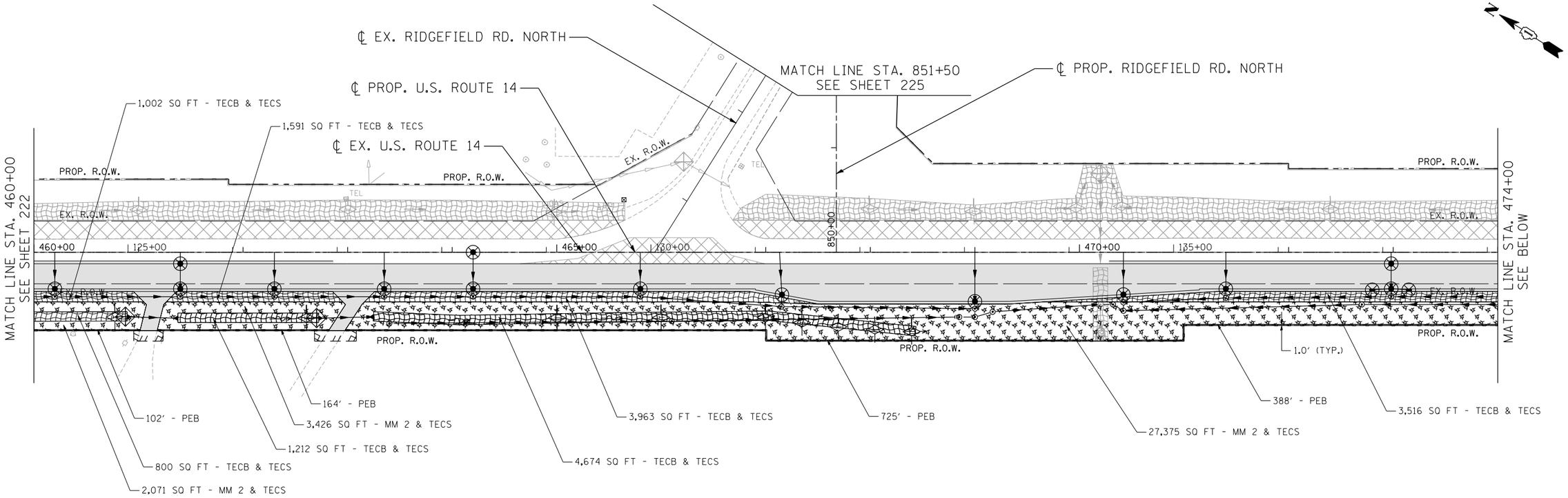

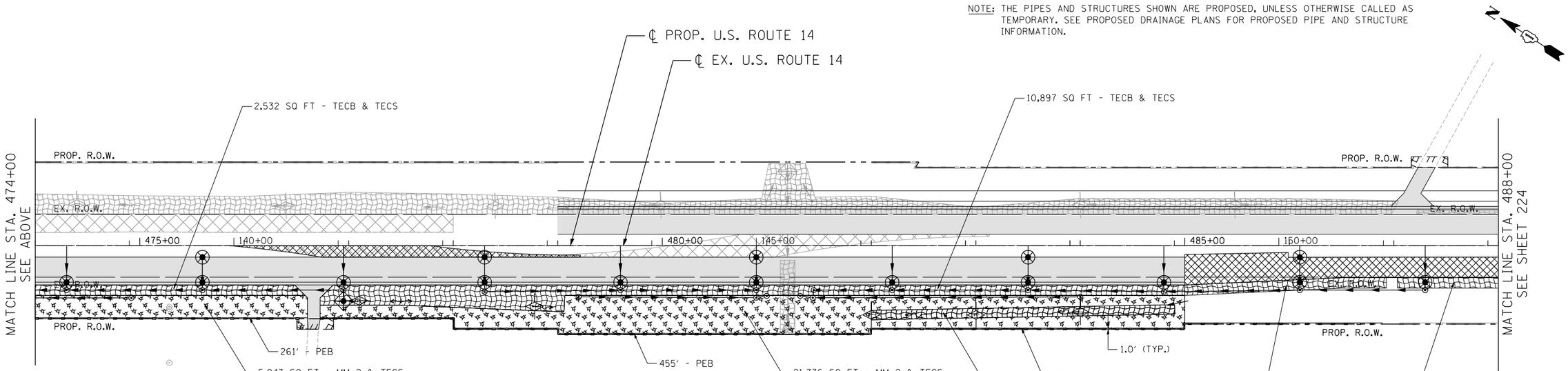

EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER (PEB)
- TEMPORARY PAVEMENT
- TEMPORARY EROSION CONTROL BLANKET (TECB) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- MULCH, METHOD 2 (MM 2) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- EROSION CONTROL MEASURES (TECB, MM 2 AND TECS) PLACED IN PREVIOUS STAGES
- PROPOSED PAVEMENT
- INLET AND PIPE PROTECTION
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGES

FILE NAME = $FILEL$	USER NAME = HECHTBR	DESIGNED -	REVISED -
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exp U.S. Services Inc. Chicago, IL
BUILDINGS·EARTH & ENVIRONMENT·ENERGY
INDUSTRIAL·INFRASTRUCTURE·SUSTAINABILITY

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

EROSION CONTROL
STAGE 1.1
STA. 460+00 TO STA. 488+00

SCALE: 1"=50' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	223
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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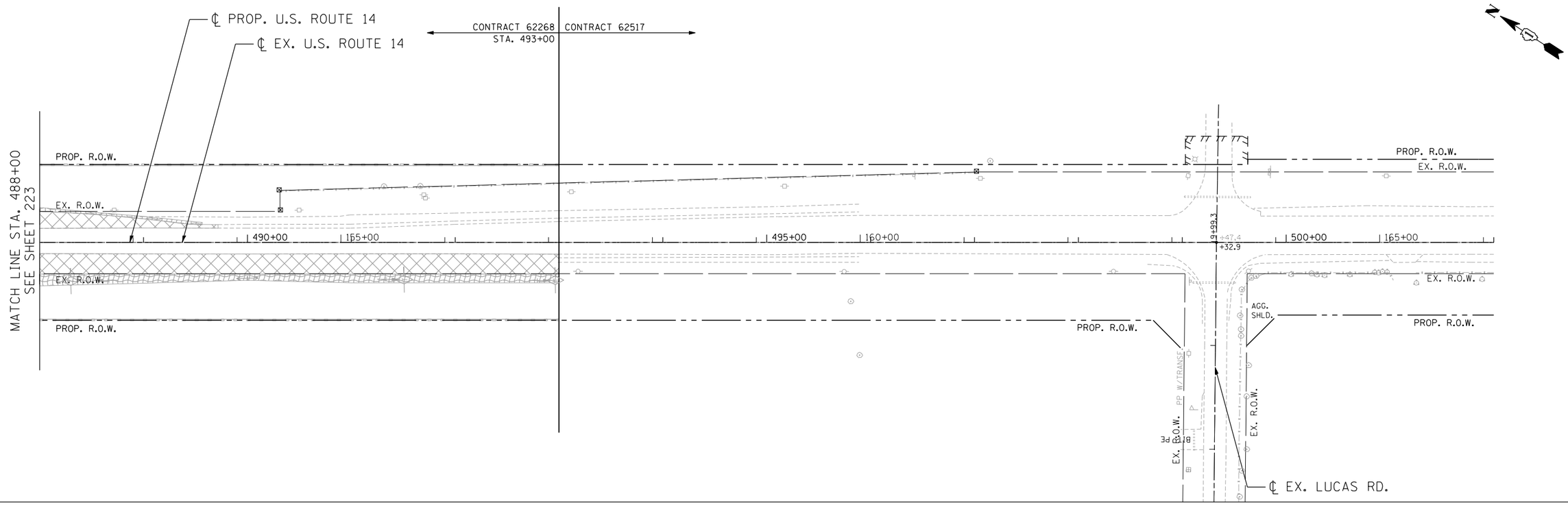

EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER (PEB)
- TEMPORARY PAVEMENT
- TEMPORARY EROSION CONTROL BLANKET (TECB) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- MULCH, METHOD 2 (MM 2) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- EROSION CONTROL MEASURES (TECB, MM 2 AND TECS) PLACED IN PREVIOUS STAGES
- PROPOSED PAVEMENT
- INLET AND PIPE PROTECTION
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGES

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	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

EROSION CONTROL
STAGE 1.1
STA. 488+00 TO STA. 502+00

SCALE: 1"=50' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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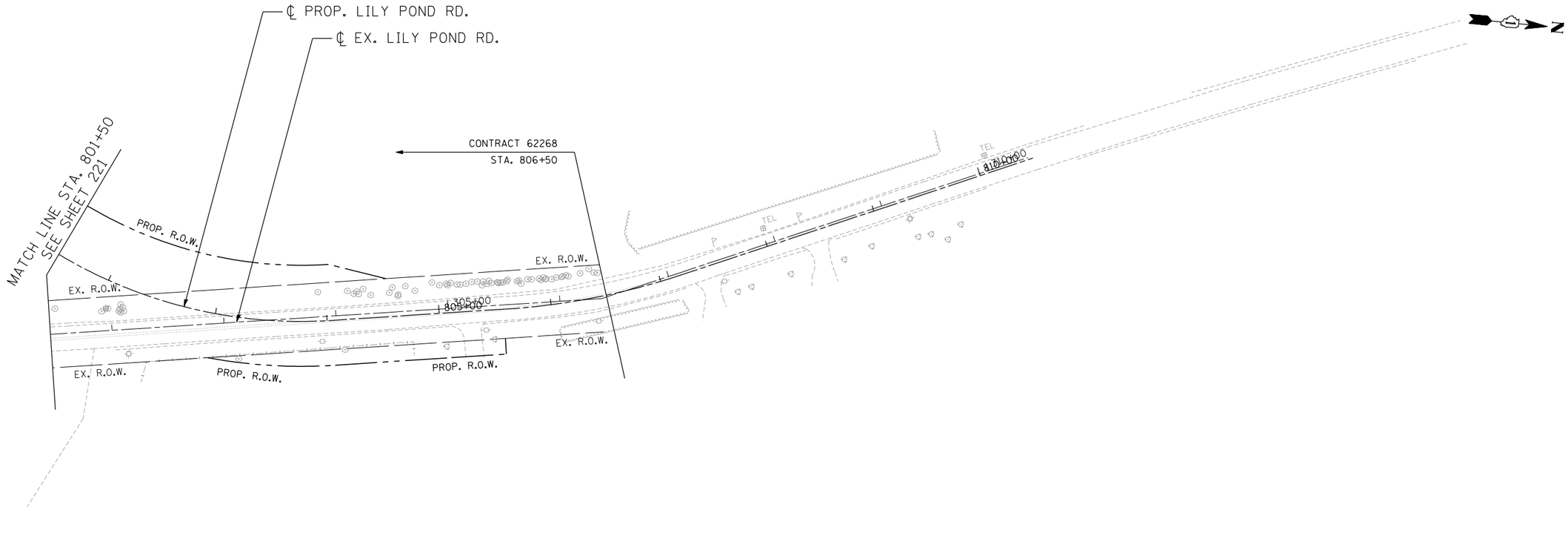
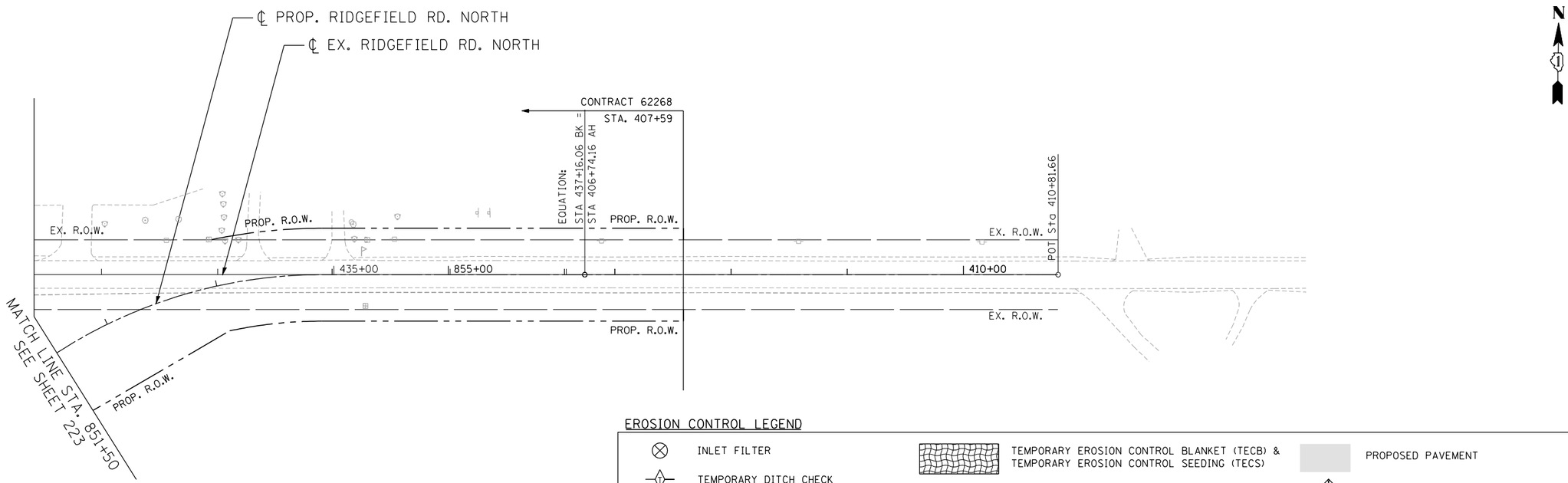
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		





EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER (PEB)
- TEMPORARY PAVEMENT
- TEMPORARY EROSION CONTROL BLANKET (TECB) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- MULCH, METHOD 2 (MM 2) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- EROSION CONTROL MEASURES (TECB, MM 2 AND TECS) PLACED IN PREVIOUS STAGES
- PROPOSED PAVEMENT
- INLET AND PIPE PROTECTION
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGES

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

EROSION CONTROL
STAGE 1.1
LILY POND & RIDGEFIELD ROAD

SCALE: 1"=50' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	225
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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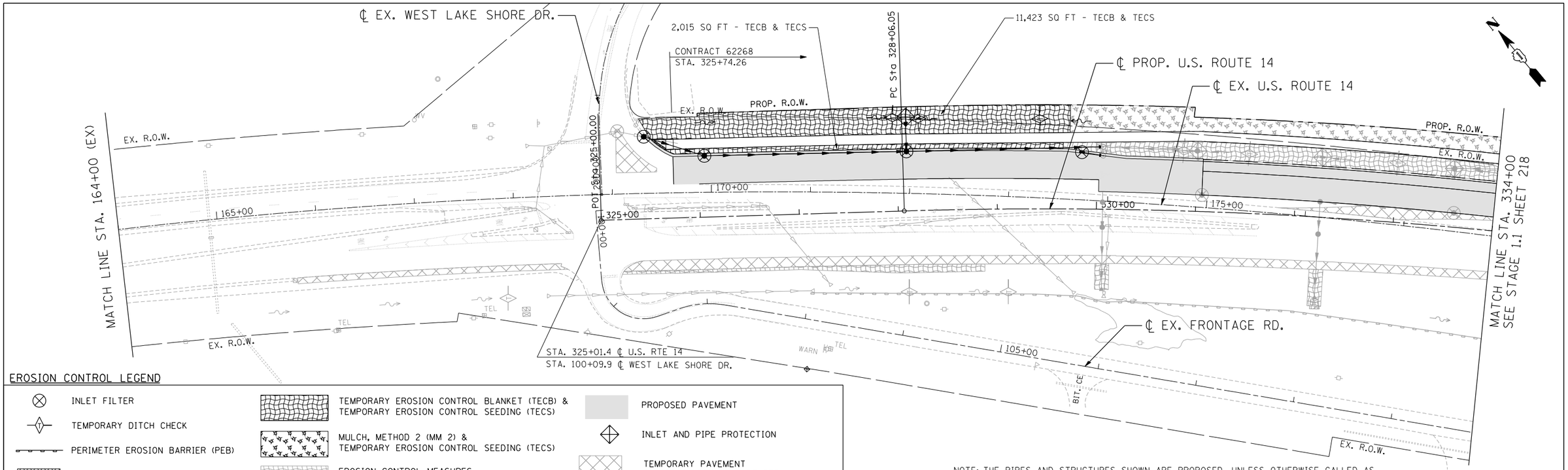

EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER (PEB)
- TEMPORARY PAVEMENT
- TEMPORARY EROSION CONTROL BLANKET (TECB) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- MULCH, METHOD 2 (MM 2) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- EROSION CONTROL MEASURES (TECB, MM 2 AND TECS) PLACED IN PREVIOUS STAGES
- PROPOSED PAVEMENT
- INLET AND PIPE PROTECTION
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGES

NOTE: THE PIPES AND STRUCTURES SHOWN ARE PROPOSED, UNLESS OTHERWISE CALLED AS TEMPORARY. SEE PROPOSED DRAINAGE PLANS FOR PROPOSED PIPE AND STRUCTURE INFORMATION.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

EROSION CONTROL
STAGE 1.1 SUBSTAGE A–1
STA. 164+00 (EX) TO STA. 334+00

SCALE: 1"=50' | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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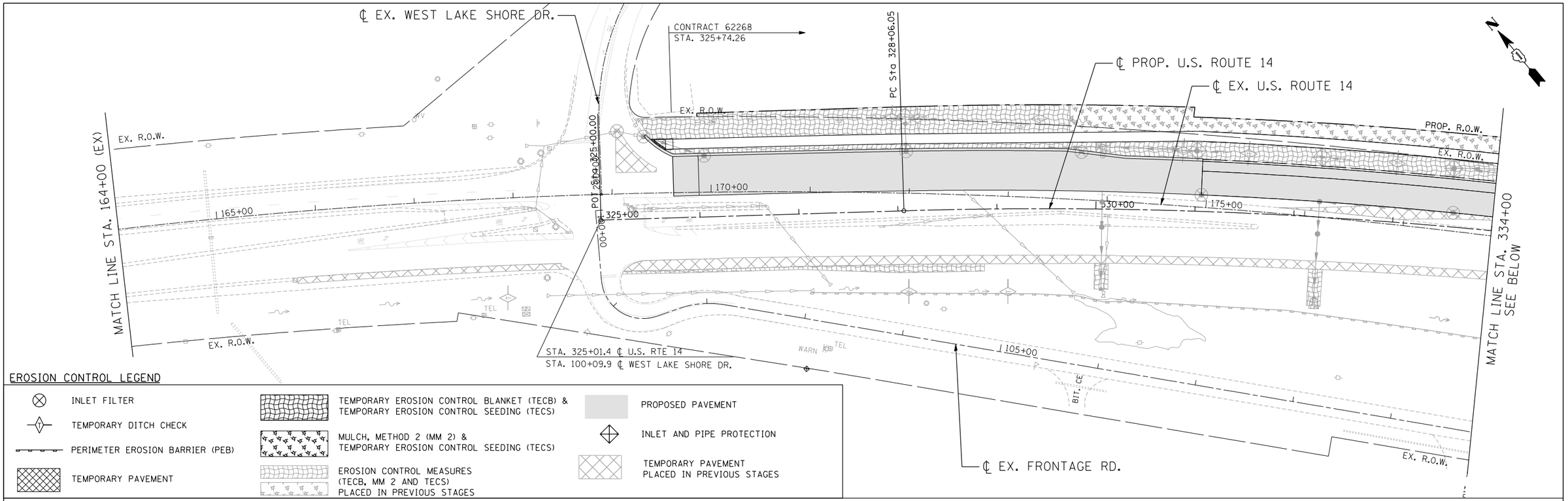
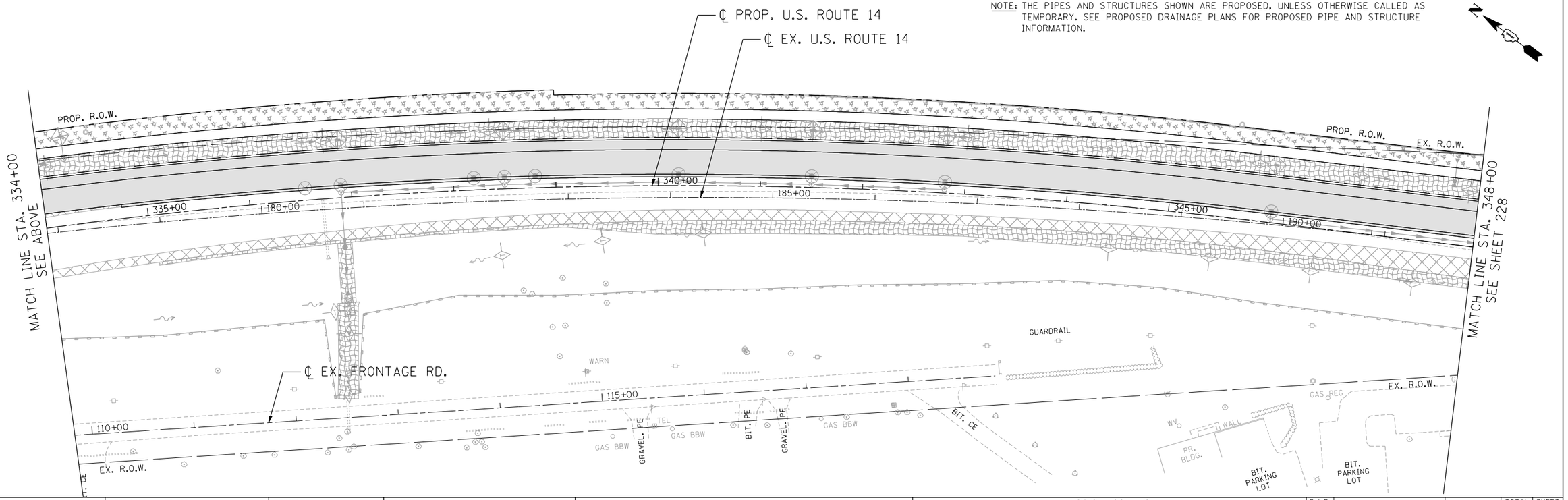
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER (PEB)
- TEMPORARY PAVEMENT
- TEMPORARY EROSION CONTROL BLANKET (TECB) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- MULCH, METHOD 2 (MM 2) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- EROSION CONTROL MEASURES (TECB, MM 2 AND TECS) PLACED IN PREVIOUS STAGES
- PROPOSED PAVEMENT
- INLET AND PIPE PROTECTION
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGES

NOTE: THE PIPES AND STRUCTURES SHOWN ARE PROPOSED, UNLESS OTHERWISE CALLED AS TEMPORARY. SEE PROPOSED DRAINAGE PLANS FOR PROPOSED PIPE AND STRUCTURE INFORMATION.



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	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

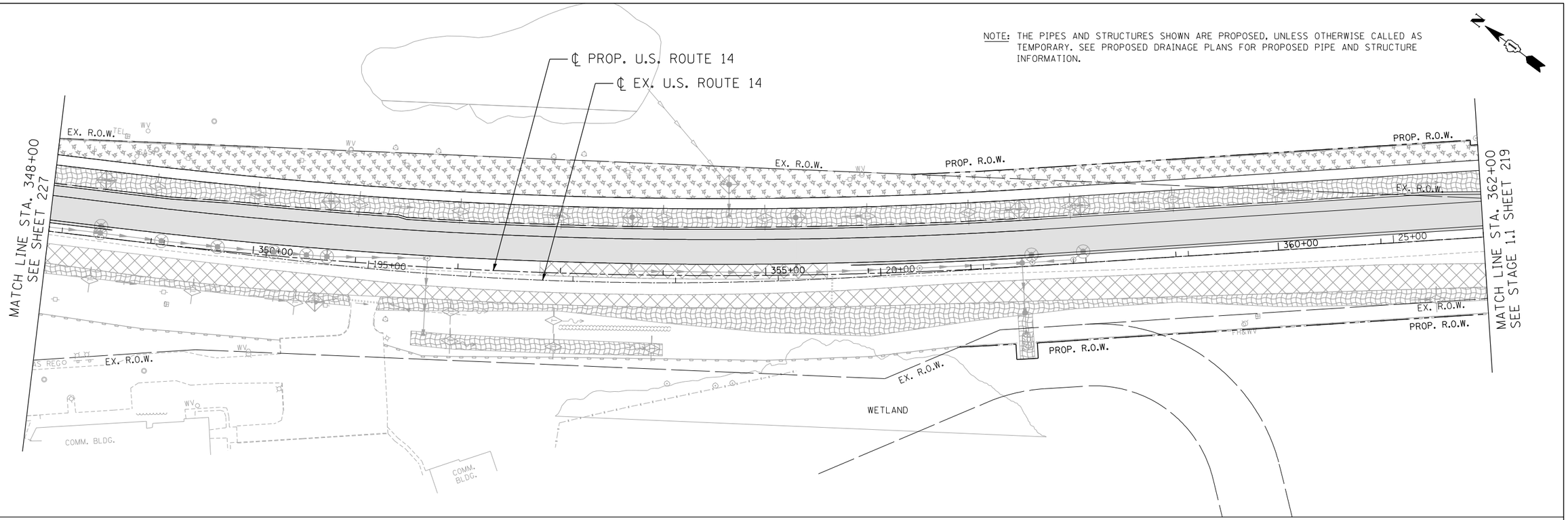
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

EROSION CONTROL
STAGE 1.1 SUBSTAGE A-2
STA. 164+00 (EX) TO STA. 348+00

SCALE: 1"=50' | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	227
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

NOTE: THE PIPES AND STRUCTURES SHOWN ARE PROPOSED, UNLESS OTHERWISE CALLED AS TEMPORARY. SEE PROPOSED DRAINAGE PLANS FOR PROPOSED PIPE AND STRUCTURE INFORMATION.



EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER (PEB)
- TEMPORARY PAVEMENT
- TEMPORARY EROSION CONTROL BLANKET (TECB) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- MULCH, METHOD 2 (MM 2) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- EROSION CONTROL MEASURES (TECB, MM 2 AND TECS) PLACED IN PREVIOUS STAGES
- PROPOSED PAVEMENT
- INLET AND PIPE PROTECTION
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGES

FILE NAME = $FILEL$	USER NAME = HECHTBR	DESIGNED -	REVISED -
		DRAWN - MRK	REVISED -
exp U.S. Services Inc. Chicago, IL BUILDINGS·EARTH & ENVIRONMENT·ENERGY INDUSTRIAL·INFRASTRUCTURE·SUSTAINABILITY	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

EROSION CONTROL
STAGE 1.1 SUBSTAGE A–2
STA. 348+00 TO STA. 362+00

SCALE: 1"=50' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	228
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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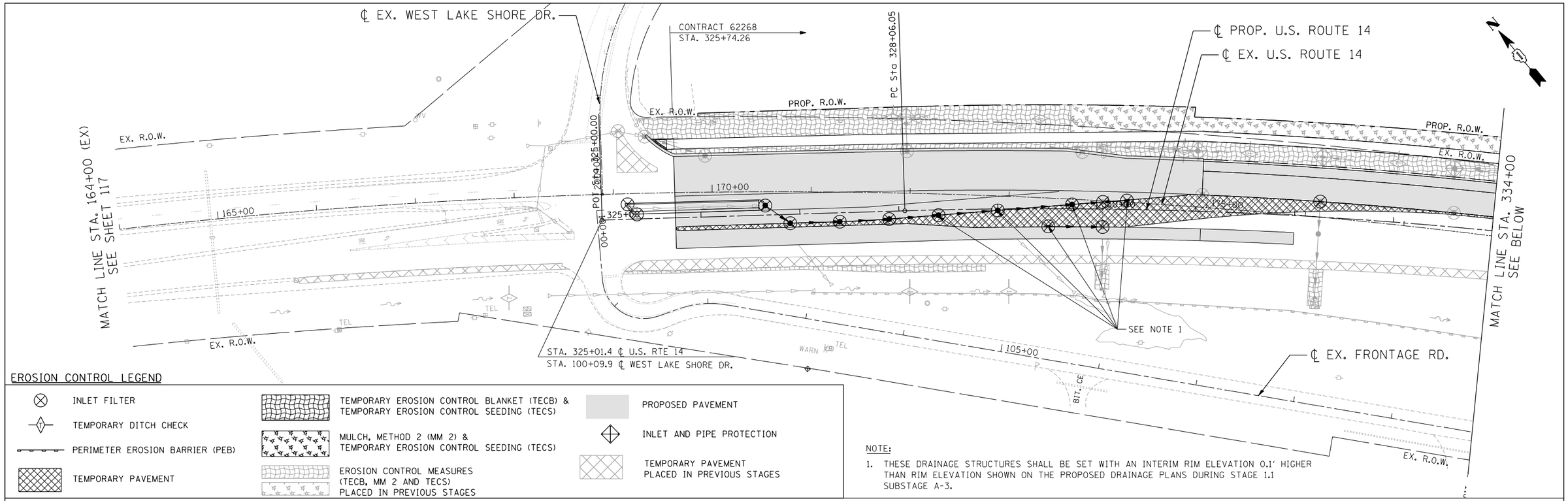


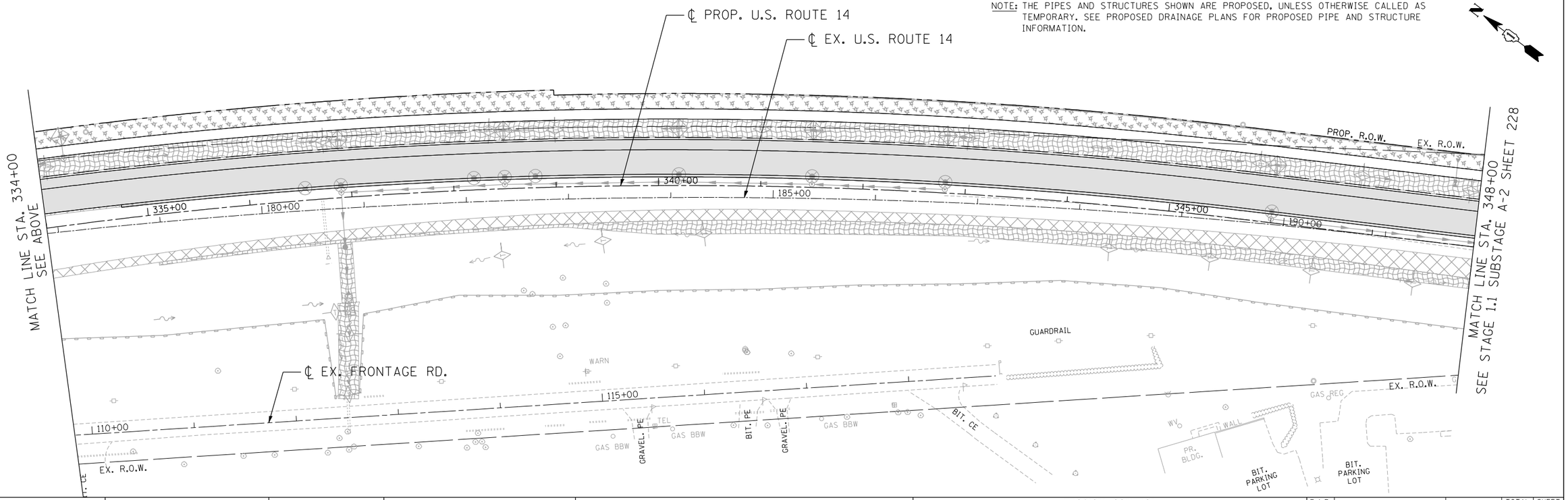
EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER (PEB)
- TEMPORARY PAVEMENT
- TEMPORARY EROSION CONTROL BLANKET (TECB) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- MULCH, METHOD 2 (MM 2) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- EROSION CONTROL MEASURES (TECB, MM 2 AND TECS) PLACED IN PREVIOUS STAGES
- PROPOSED PAVEMENT
- INLET AND PIPE PROTECTION
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGES

NOTE:

1. THESE DRAINAGE STRUCTURES SHALL BE SET WITH AN INTERIM RIM ELEVATION 0.1' HIGHER THAN RIM ELEVATION SHOWN ON THE PROPOSED DRAINAGE PLANS DURING STAGE 1.1 SUBSTAGE A-3.

NOTE: THE PIPES AND STRUCTURES SHOWN ARE PROPOSED, UNLESS OTHERWISE CALLED AS TEMPORARY. SEE PROPOSED DRAINAGE PLANS FOR PROPOSED PIPE AND STRUCTURE INFORMATION.



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	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

EROSION CONTROL
STAGE 1.1 SUBSTAGE A-3
STA. 164+00 (EX) TO STA. 348+00

SCALE: 1"=50' | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	229
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

\\RDv2091S.DGN ..\GEN2087J.DGN ..\RDw2091S.DGN ..\TTB2091J.DGN ..\DRA2081Y.DGN ..\DRA2821Y.DGN
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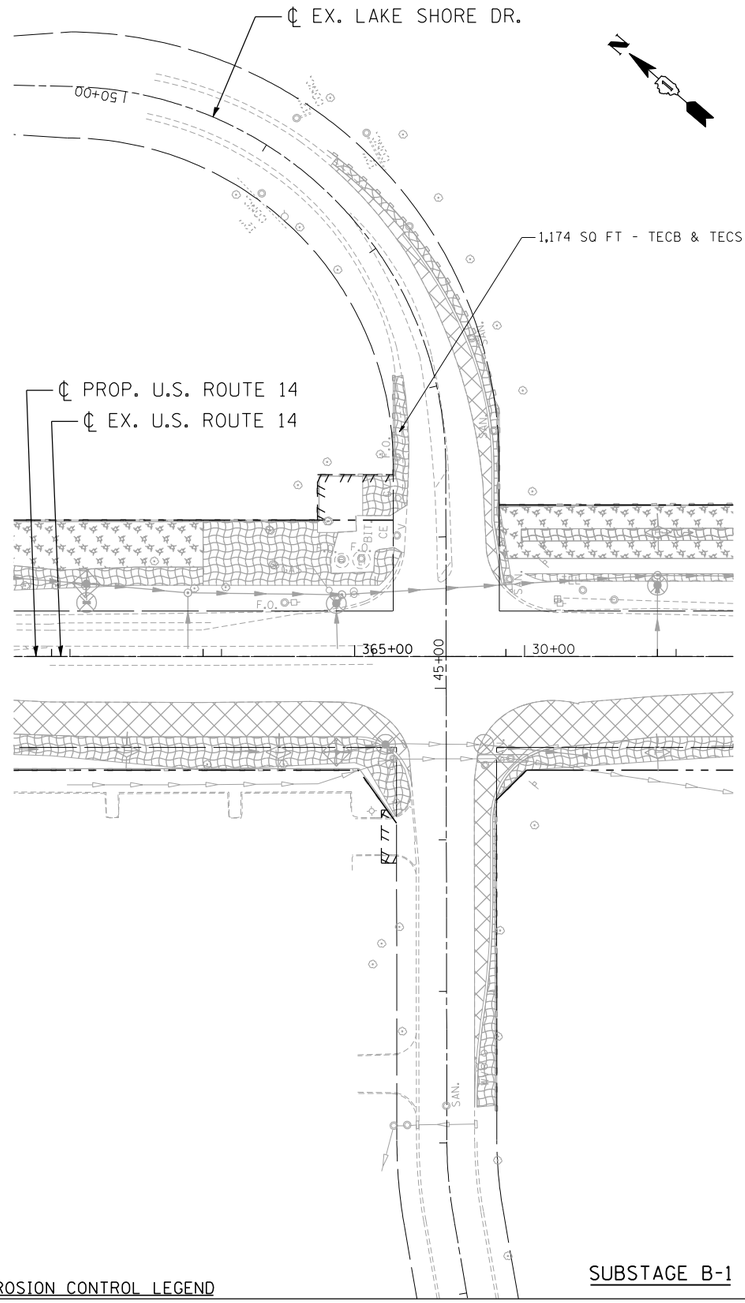

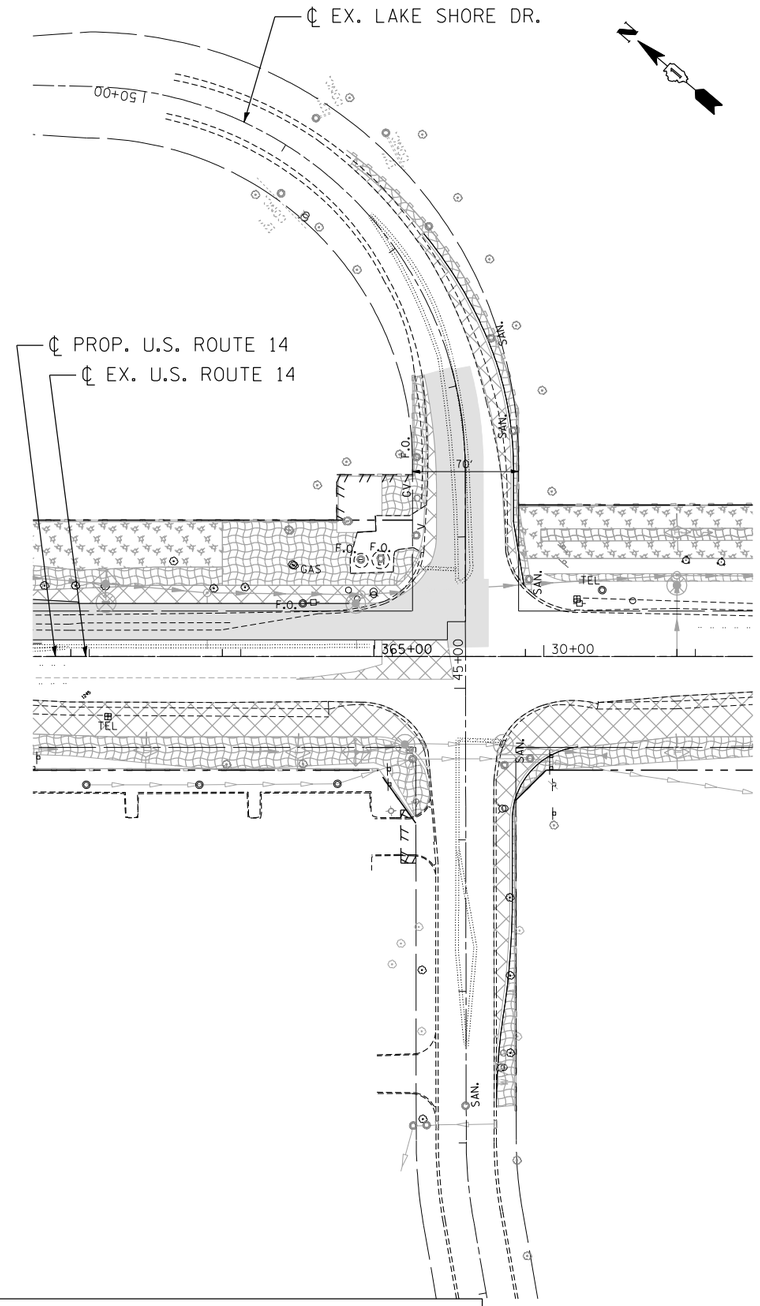

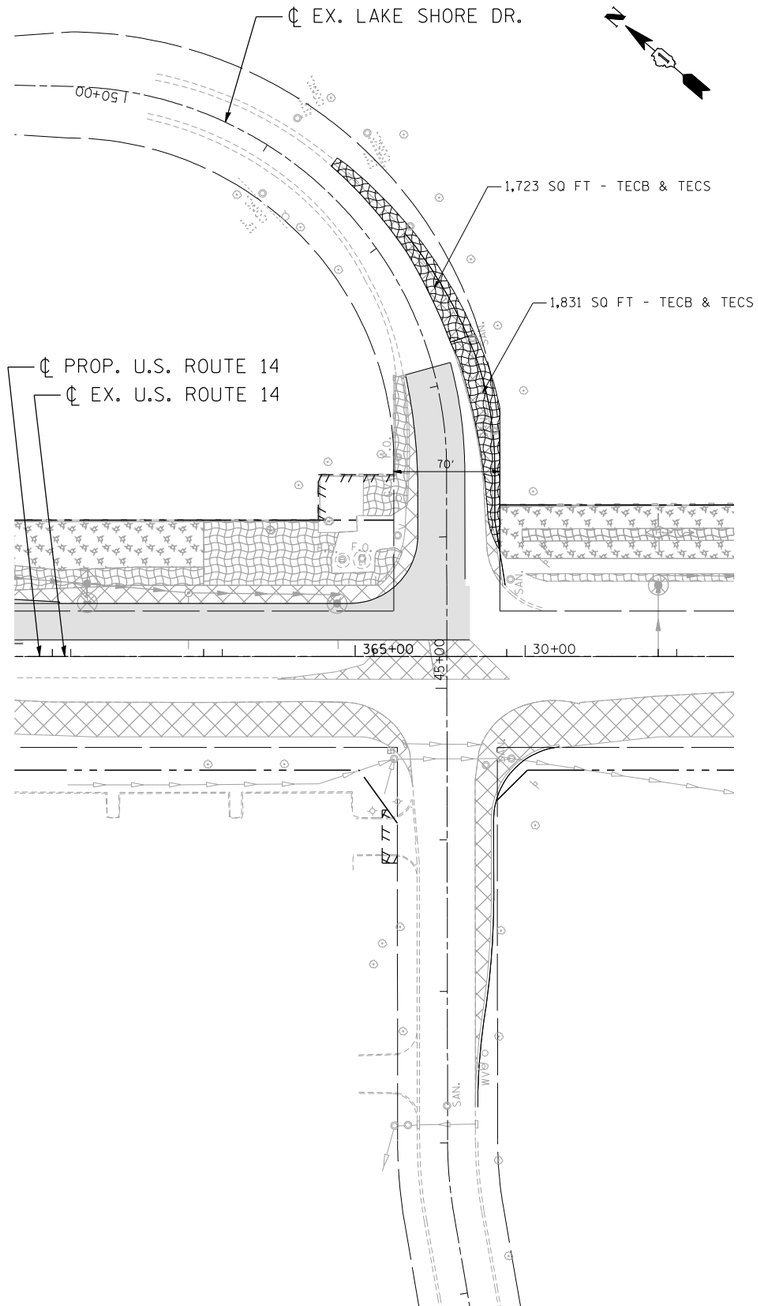

EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER (PEB)
- TEMPORARY PAVEMENT
- TEMPORARY EROSION CONTROL BLANKET (TECB) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- MULCH, METHOD 2 (MM 2) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- EROSION CONTROL MEASURES (TECB, MM 2 AND TECS) PLACED IN PREVIOUS STAGES
- PROPOSED PAVEMENT
- INLET AND PIPE PROTECTION
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGES

\\RDW08#15.DGN,..\TTB08#JJ.DGN,..\MOT08#L0.DGN,..\RDW08#15.DGN,..\RDW08#15.DGN,..\GEN08#J7.DGN,..\GRA08#1Y.DGN,..\GRA08#1Y.DGN,..\GRA08#1Y.DGN
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	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

EROSION CONTROL
STAGE 1.1 SUBSTAGE B-1 THRU B-3
LAKE SHORE DRIVE

SCALE: 1"=50' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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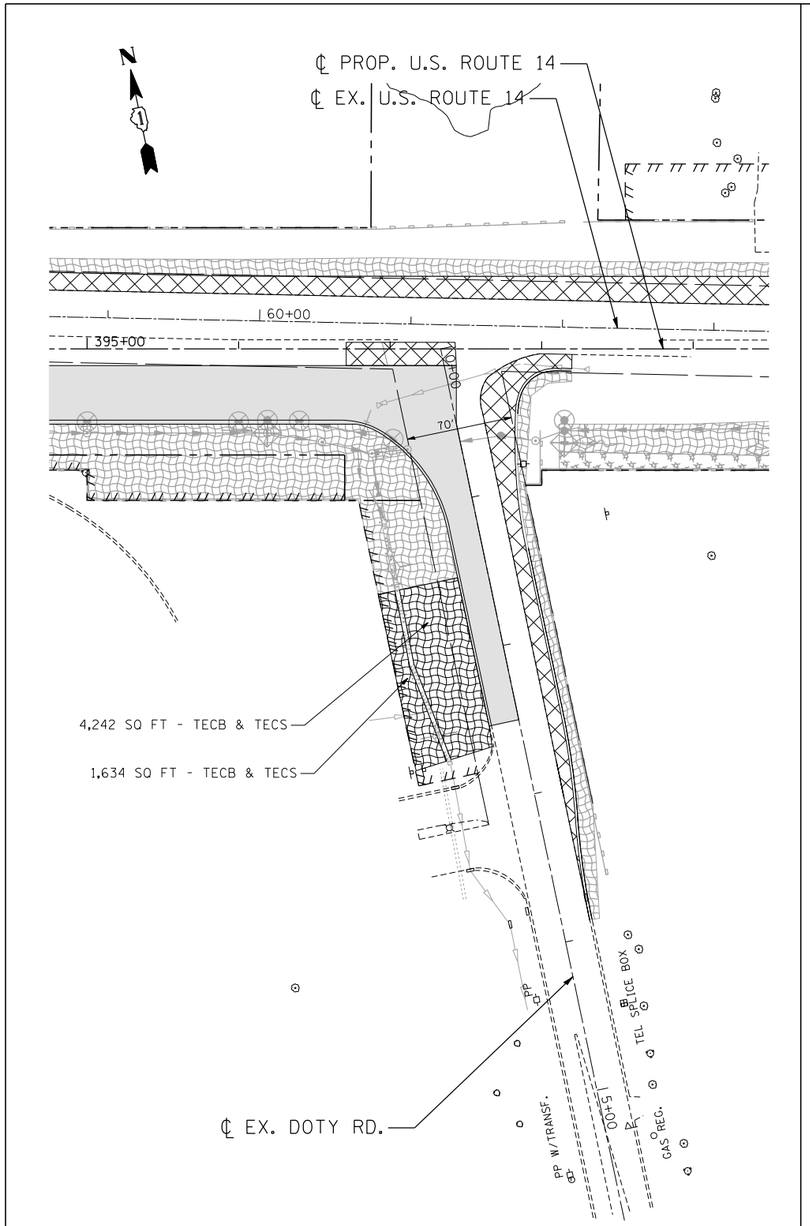
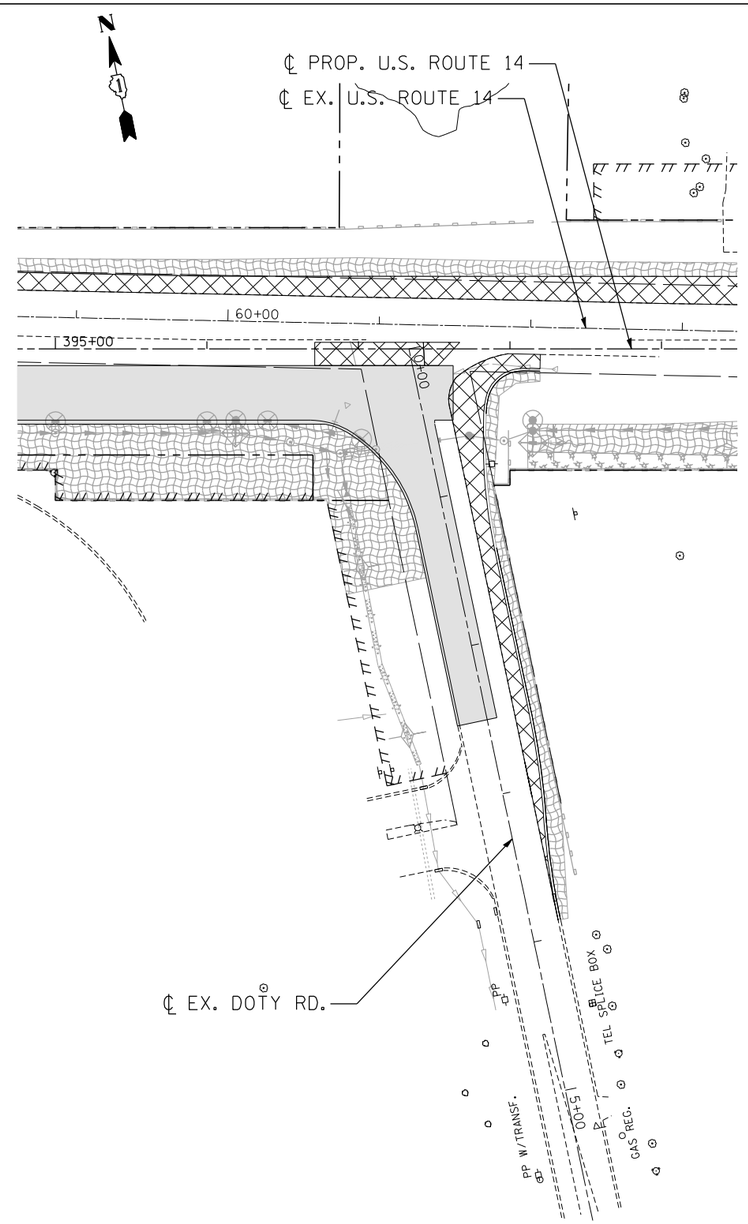
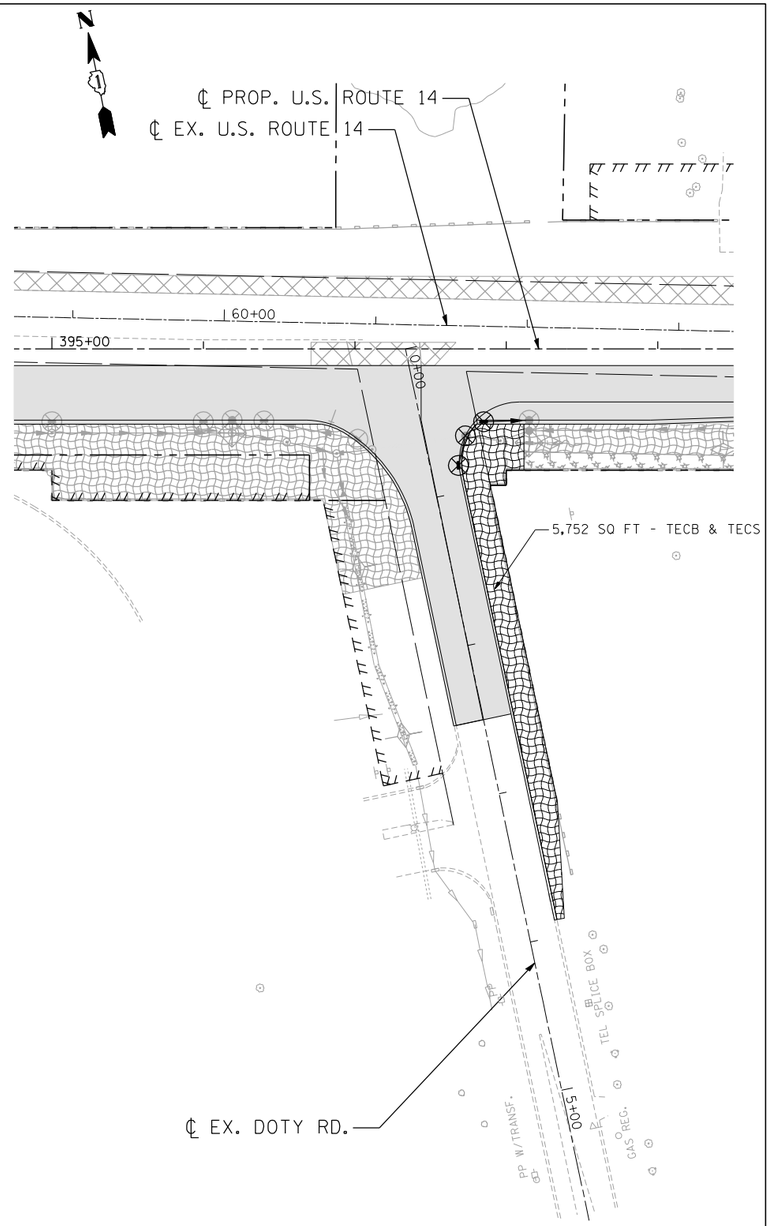
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



SUBSTAGE C-1



SUBSTAGE C-2



SUBSTAGE C-3

EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER (PEB)
- TEMPORARY PAVEMENT
- TEMPORARY EROSION CONTROL BLANKET (TECB) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- MULCH, METHOD 2 (MM 2) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- EROSION CONTROL MEASURES (TECB, MM 2 AND TECS) PLACED IN PREVIOUS STAGES
- PROPOSED PAVEMENT
- INLET AND PIPE PROTECTION
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGES

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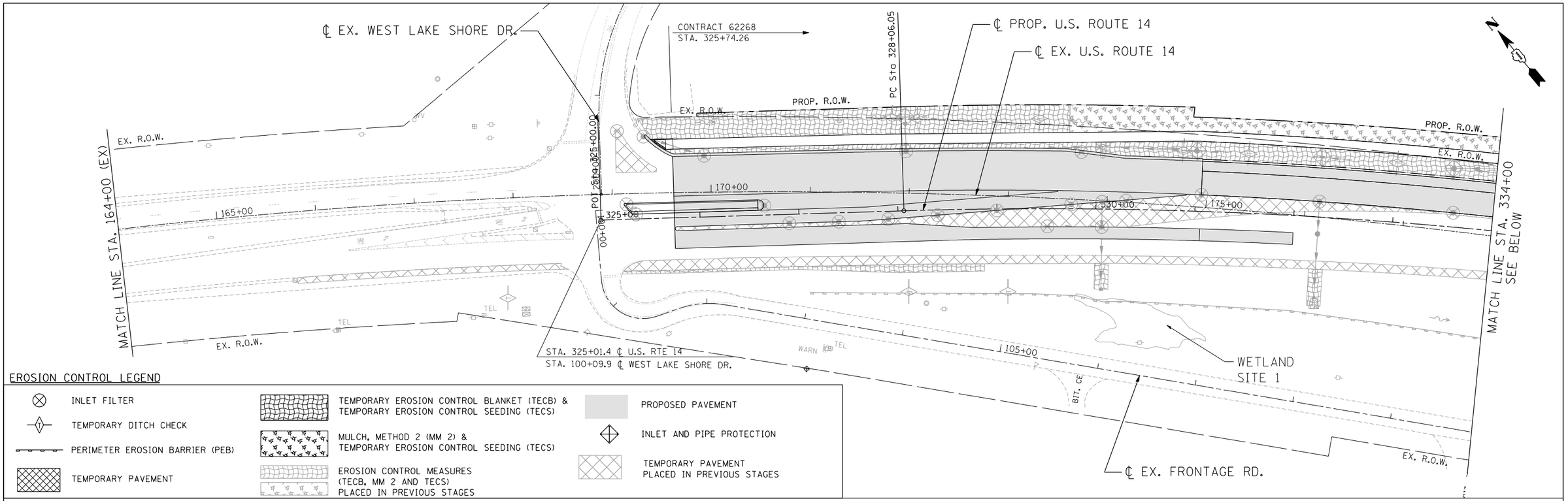
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

EROSION CONTROL
STAGE 1.1 SUBSTAGE C-1 THRU C-3
DOTY ROAD

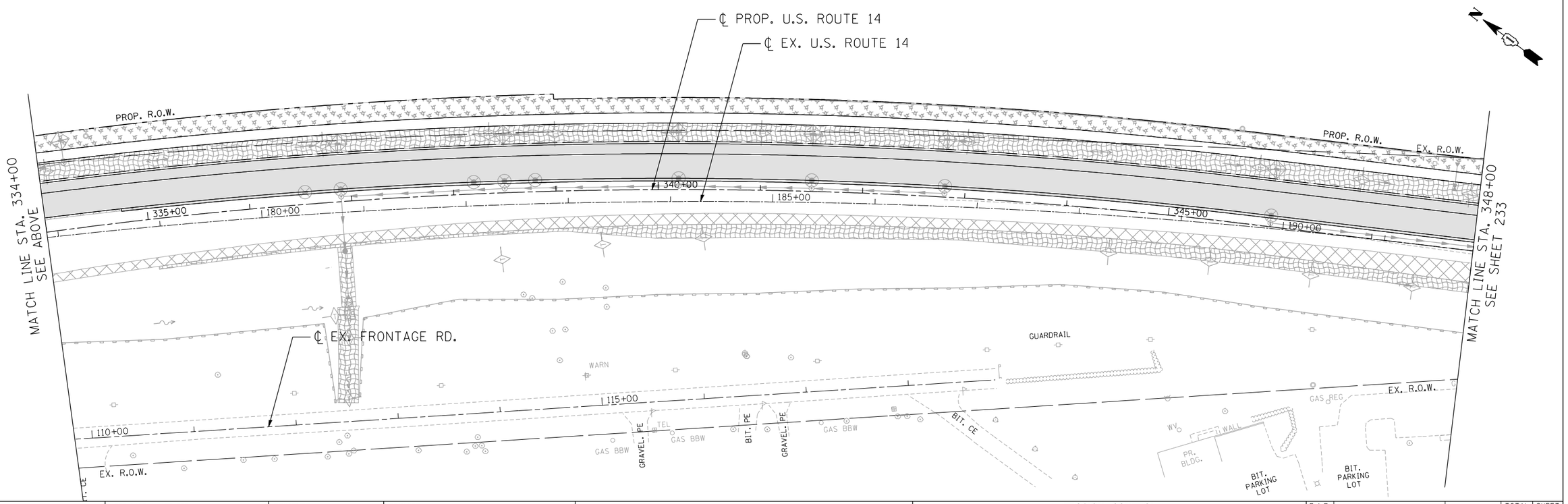
SCALE: 1"=50' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	231
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER (PEB)
- TEMPORARY PAVEMENT
- TEMPORARY EROSION CONTROL BLANKET (TECB) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- MULCH, METHOD 2 (MM 2) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- EROSION CONTROL MEASURES (TECB, MM 2 AND TECS) PLACED IN PREVIOUS STAGES
- PROPOSED PAVEMENT
- INLET AND PIPE PROTECTION
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGES



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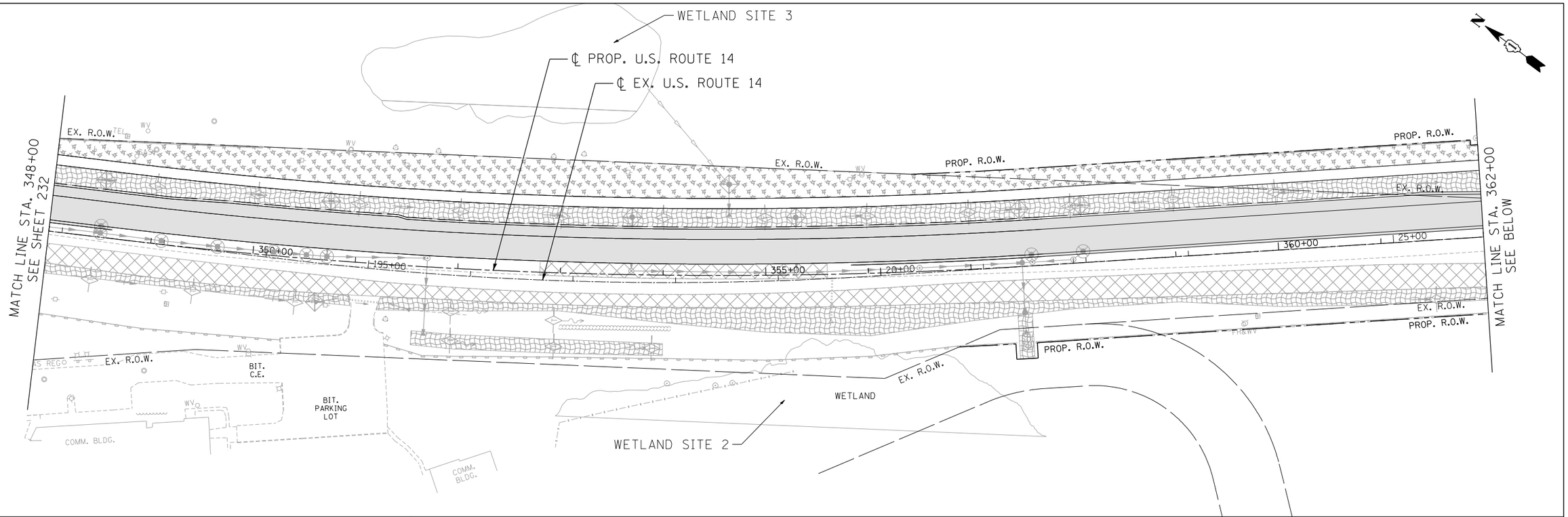
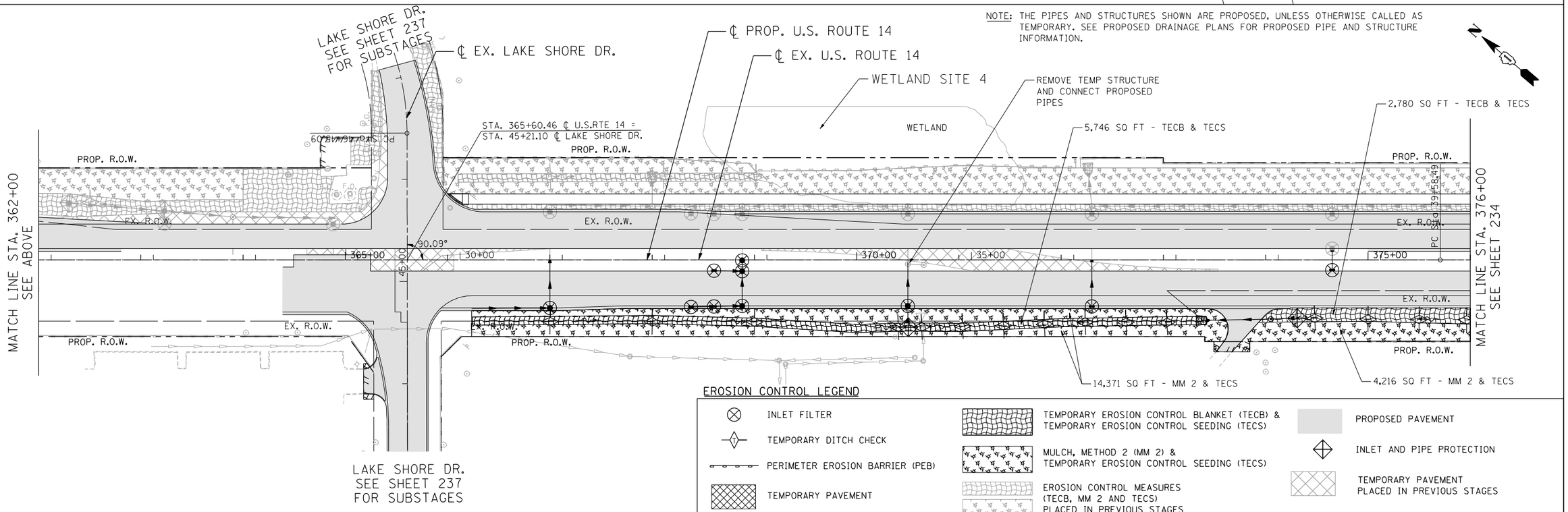
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

EROSION CONTROL
STAGE 1.2
STA. 164+00 (EX) TO STA. 348+00

SCALE: 1"=50' | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	232
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		





NOTE: THE PIPES AND STRUCTURES SHOWN ARE PROPOSED, UNLESS OTHERWISE CALLED AS TEMPORARY. SEE PROPOSED DRAINAGE PLANS FOR PROPOSED PIPE AND STRUCTURE INFORMATION.

EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER (PEB)
- TEMPORARY PAVEMENT
- TEMPORARY EROSION CONTROL BLANKET (TECB) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- MULCH, METHOD 2 (MM 2) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- EROSION CONTROL MEASURES (TECB, MM 2 AND TECS) PLACED IN PREVIOUS STAGES
- PROPOSED PAVEMENT
- INLET AND PIPE PROTECTION
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGES

FILE NAME = $FILE$	USER NAME = HECHTBR	DESIGNED -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

EROSION CONTROL
STAGE 1.2
STA. 348+00 TO STA. 376+00

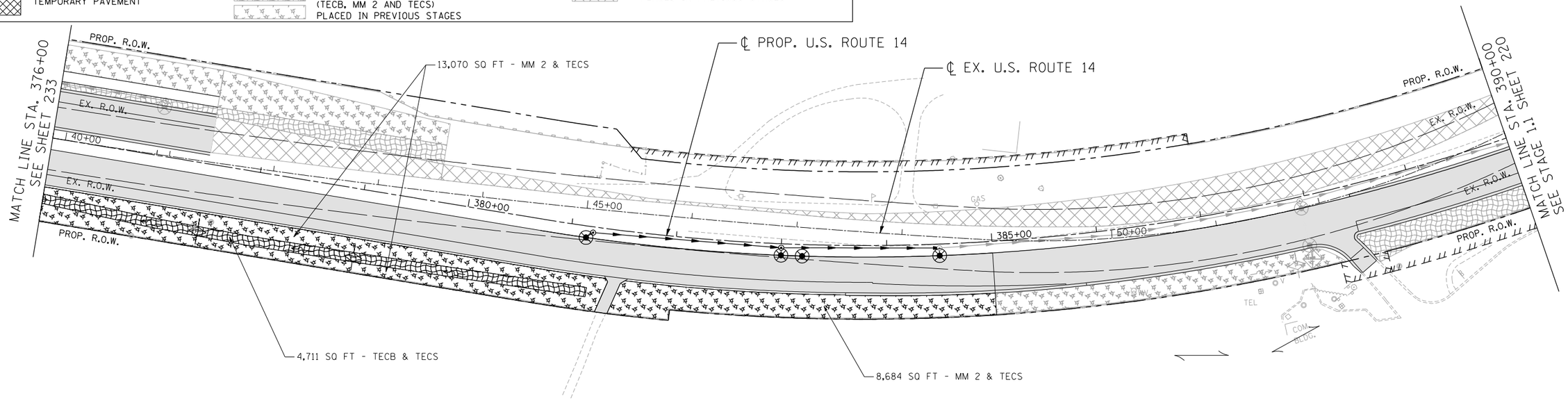
SCALE: 1"=50' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	233
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER (PEB)
- TEMPORARY PAVEMENT
- TEMPORARY EROSION CONTROL BLANKET (TECB) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- MULCH, METHOD 2 (MM 2) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- EROSION CONTROL MEASURES (TECB, MM 2 AND TECS) PLACED IN PREVIOUS STAGES
- PROPOSED PAVEMENT
- INLET AND PIPE PROTECTION
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGES

NOTE: THE PIPES AND STRUCTURES SHOWN ARE PROPOSED, UNLESS OTHERWISE CALLED AS TEMPORARY. SEE PROPOSED DRAINAGE PLANS FOR PROPOSED PIPE AND STRUCTURE INFORMATION.



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

EROSION CONTROL
STAGE 1.2
STA. 376+00 TO STA. 390+00

SCALE: 1"=50' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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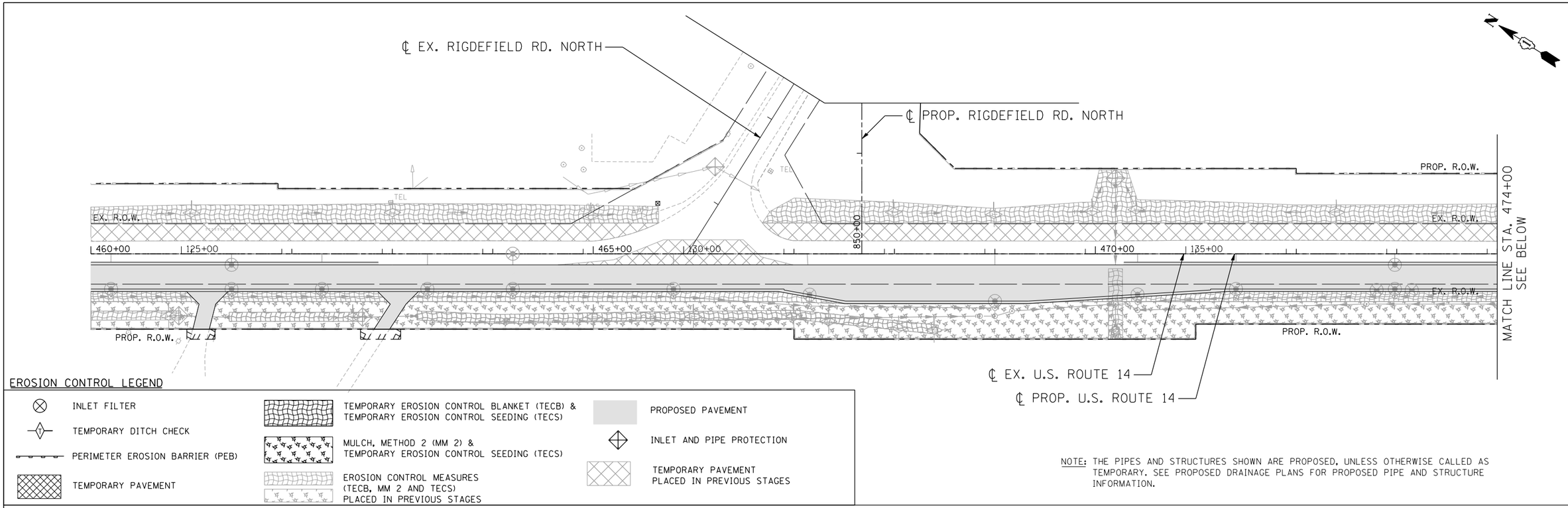
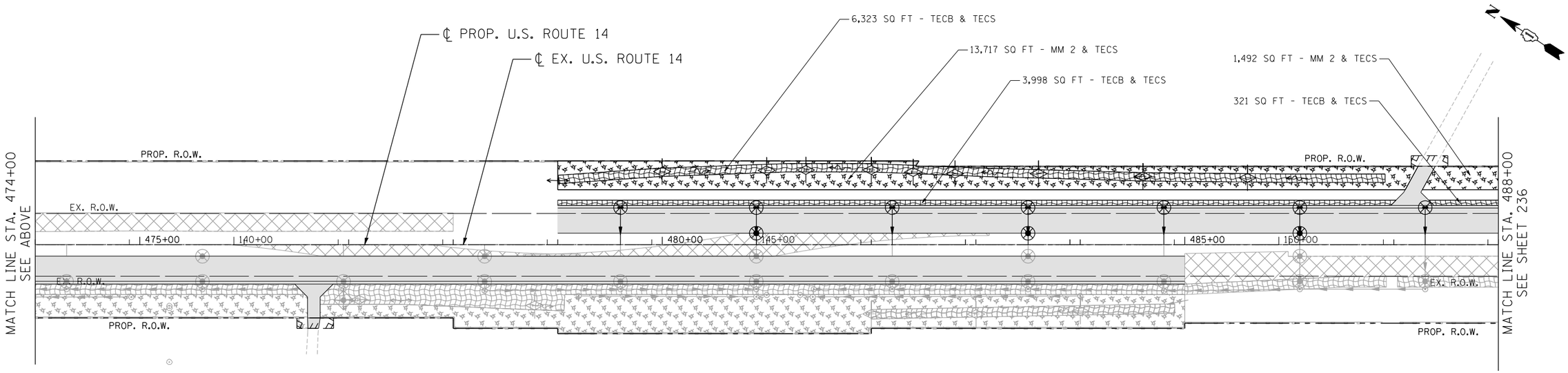


EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER (PEB)
- TEMPORARY PAVEMENT
- TEMPORARY EROSION CONTROL BLANKET (TECB) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- MULCH, METHOD 2 (MM 2) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- EROSION CONTROL MEASURES (TECB, MM 2 AND TECS) PLACED IN PREVIOUS STAGES
- PROPOSED PAVEMENT
- INLET AND PIPE PROTECTION
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGES

NOTE: THE PIPES AND STRUCTURES SHOWN ARE PROPOSED, UNLESS OTHERWISE CALLED AS TEMPORARY. SEE PROPOSED DRAINAGE PLANS FOR PROPOSED PIPE AND STRUCTURE INFORMATION.



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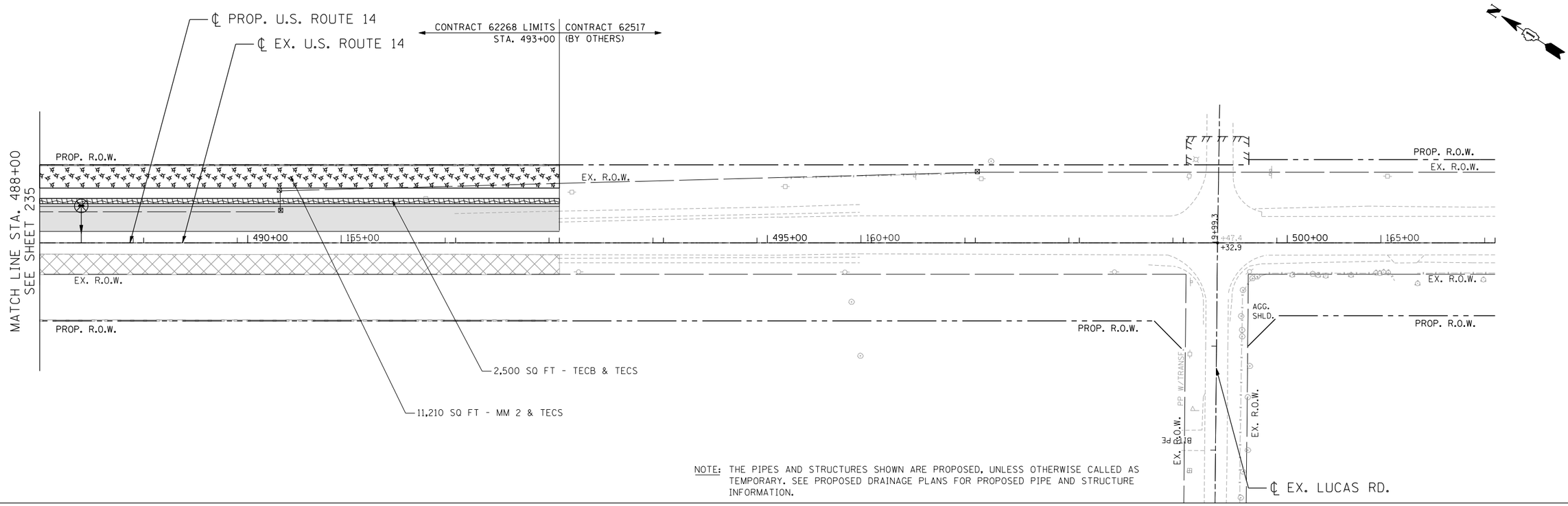
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

EROSION CONTROL
STAGE 1.2
STA. 460+00 TO STA. 488+00

SCALE: 1"=50' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	235
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



NOTE: THE PIPES AND STRUCTURES SHOWN ARE PROPOSED, UNLESS OTHERWISE CALLED AS TEMPORARY. SEE PROPOSED DRAINAGE PLANS FOR PROPOSED PIPE AND STRUCTURE INFORMATION.

EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER (PEB)
- TEMPORARY PAVEMENT
- TEMPORARY EROSION CONTROL BLANKET (TECB) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- MULCH, METHOD 2 (MM 2) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- EROSION CONTROL MEASURES (TECB, MM 2 AND TECS) PLACED IN PREVIOUS STAGES
- PROPOSED PAVEMENT
- INLET AND PIPE PROTECTION
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGES

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DATE - 11/01/13
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REVISED -
exp U.S. Services Inc. Chicago, IL BUILDINGS·EARTH & ENVIRONMENT·ENERGY INDUSTRIAL·INFRASTRUCTURE·SUSTAINABILITY

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

EROSION CONTROL
STAGE 1.2
STA. 488+00 TO STA. 502+00

SCALE: 1"=50' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	236
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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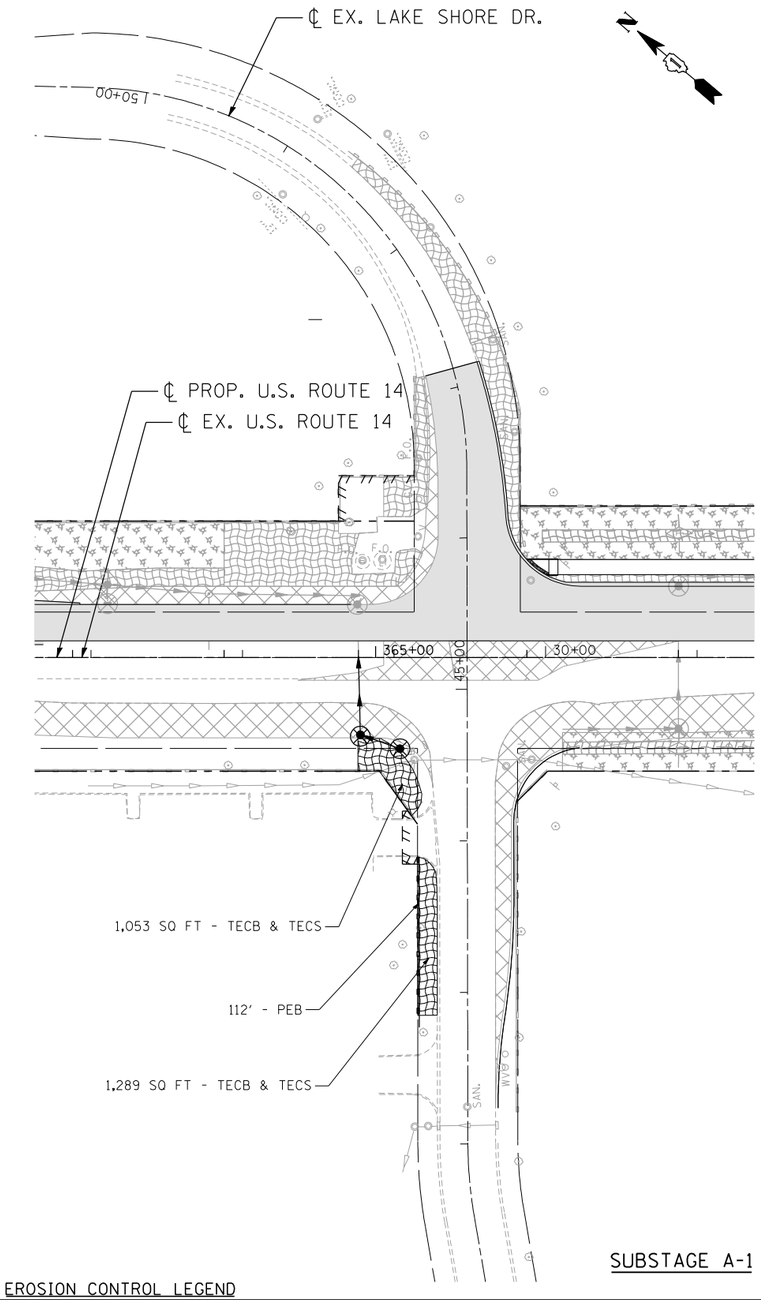
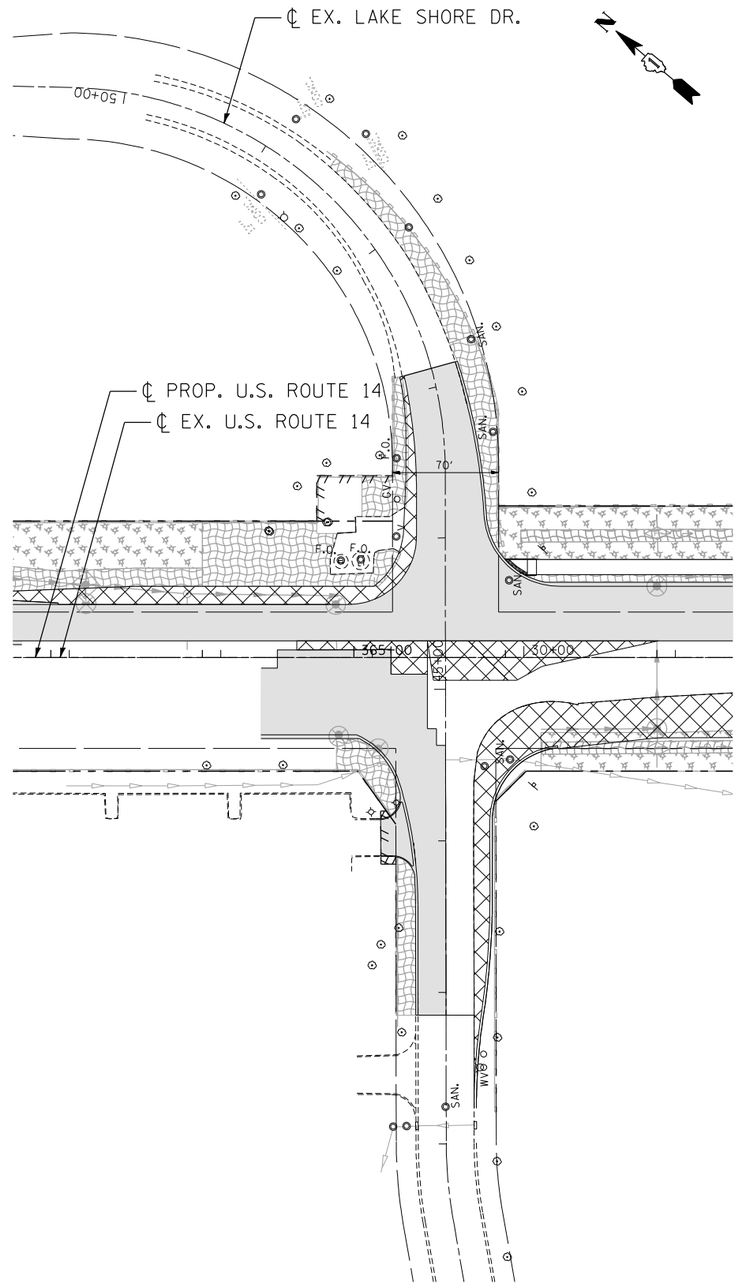
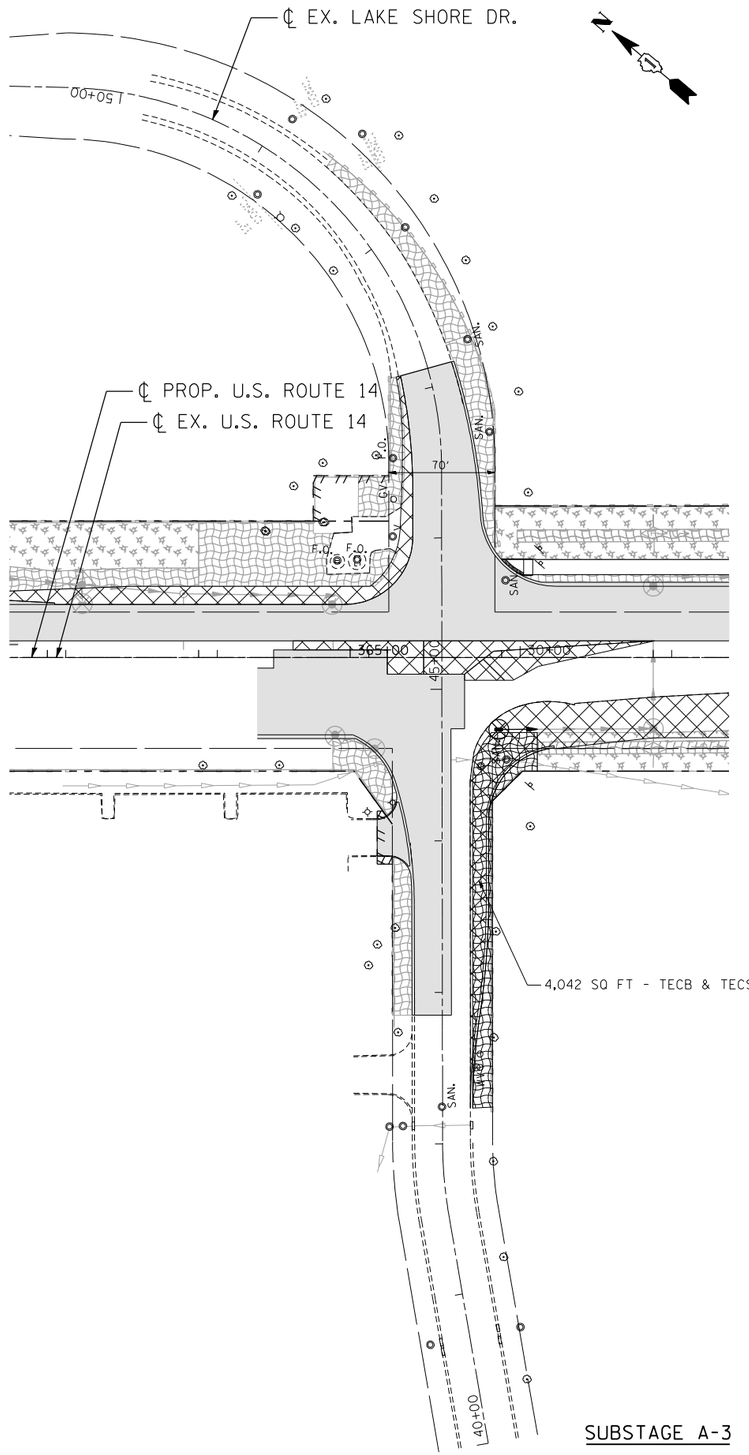


SUBSTAGE A-1



SUBSTAGE A-2



SUBSTAGE A-3

EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER (PEB)
- TEMPORARY PAVEMENT
- TEMPORARY EROSION CONTROL BLANKET (TECB) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- MULCH, METHOD 2 (MM 2) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- EROSION CONTROL MEASURES (TECB, MM 2 AND TECS) PLACED IN PREVIOUS STAGES
- PROPOSED PAVEMENT
- INLET AND PIPE PROTECTION
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGES

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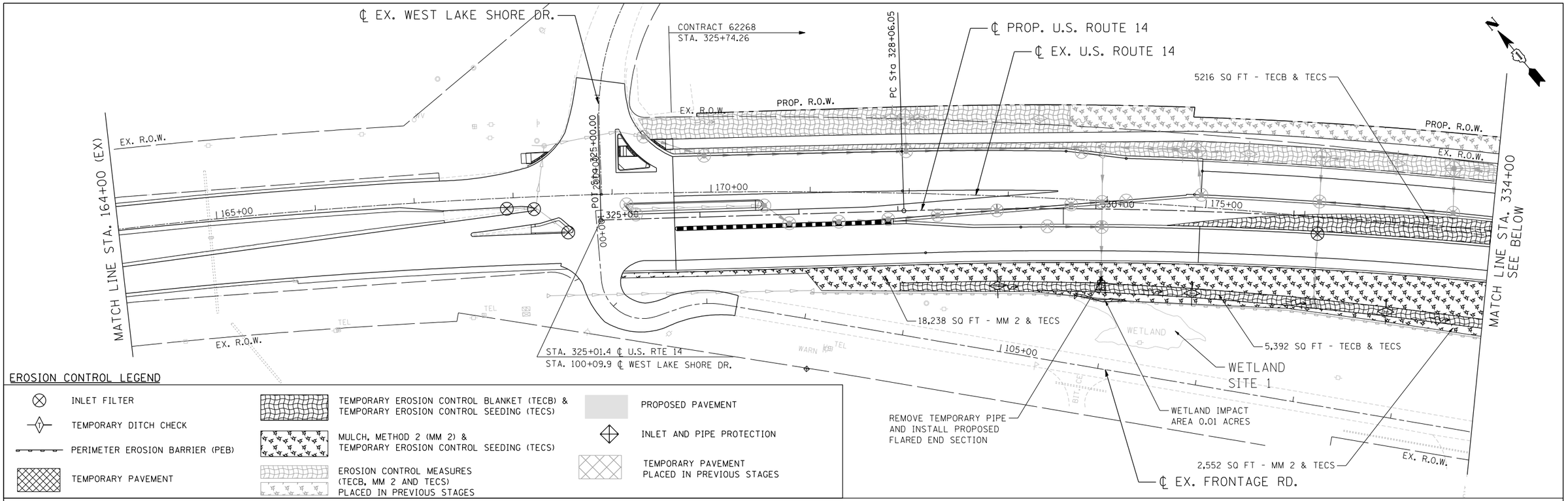
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

EROSION CONTROL
STAGE 1.2 SUBSTAGE A-1 THRU A-3
LAKE SHORE DRIVE

SCALE: 1"=50' | SHEET NO. OF SHEETS | STA. TO STA.

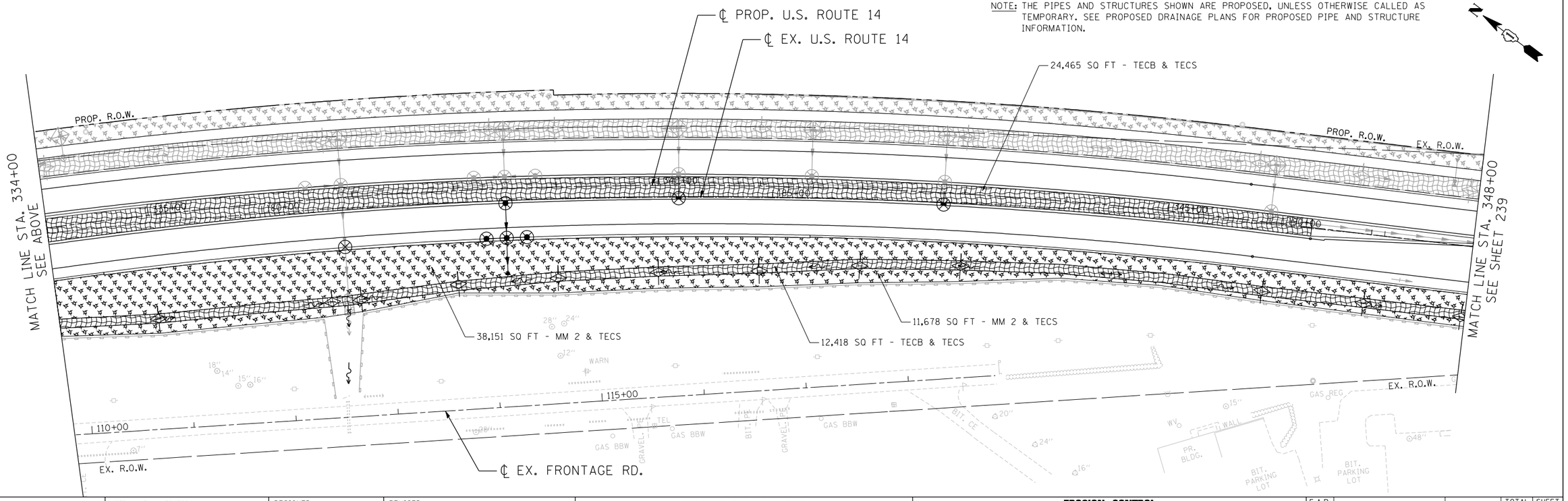
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	237
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER (PEB)
- TEMPORARY PAVEMENT
- TEMPORARY EROSION CONTROL BLANKET (TECB) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- MULCH, METHOD 2 (MM 2) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- EROSION CONTROL MEASURES (TECB, MM 2 AND TECS) PLACED IN PREVIOUS STAGES
- PROPOSED PAVEMENT
- INLET AND PIPE PROTECTION
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGES

NOTE: THE PIPES AND STRUCTURES SHOWN ARE PROPOSED, UNLESS OTHERWISE CALLED AS TEMPORARY. SEE PROPOSED DRAINAGE PLANS FOR PROPOSED PIPE AND STRUCTURE INFORMATION.



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exp U.S. Services Inc. Chicago, IL BUILDINGS·EARTH & ENVIRONMENT·ENERGY INDUSTRIAL·INFRASTRUCTURE·SUSTAINABILITY		DRAWN - MRK	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

EROSION CONTROL
STAGE 2.1
STA. 164+00 (EX) TO STA. 348+00

SCALE: 1"=50' | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	238
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

\\RDW00915\DGN\..\GEN00917.DGN\..\RDW00915.DGN\..\TTB00911.DGN
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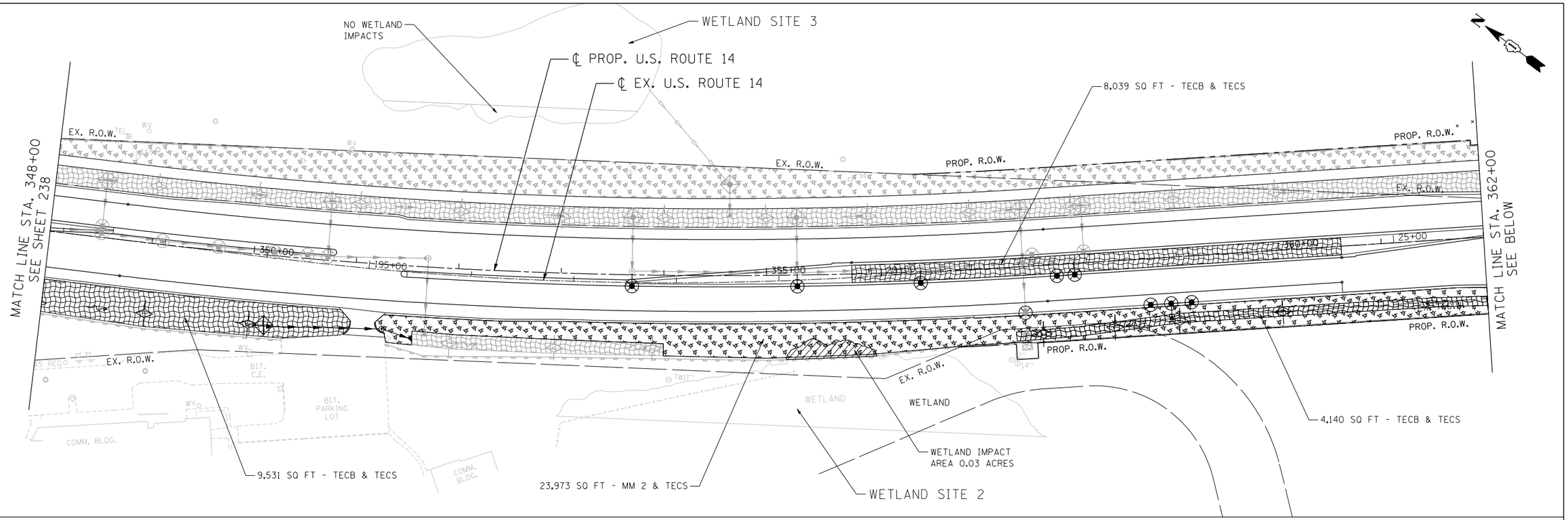


NOTE: THE PIPES AND STRUCTURES SHOWN ARE PROPOSED, UNLESS OTHERWISE CALLED AS TEMPORARY. SEE PROPOSED DRAINAGE PLANS FOR PROPOSED PIPE AND STRUCTURE INFORMATION.

EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER (PEB)
- TEMPORARY PAVEMENT
- TEMPORARY EROSION CONTROL BLANKET (TECB) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- MULCH, METHOD 2 (MM 2) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- EROSION CONTROL MEASURES (TECB, MM 2 AND TECS) PLACED IN PREVIOUS STAGES
- PROPOSED PAVEMENT
- INLET AND PIPE PROTECTION
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGES

FILE NAME = $FILEL$	USER NAME = HECHTBR	DESIGNED -	REVISED -
		DRAWN - MRK	REVISED -
exp U.S. Services Inc. Chicago, IL BUILDINGS·EARTH & ENVIRONMENT·ENERGY INDUSTRIAL·INFRASTRUCTURE·SUSTAINABILITY	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

EROSION CONTROL
STAGE 2.1
STA. 348+00 TO STA. 376+00

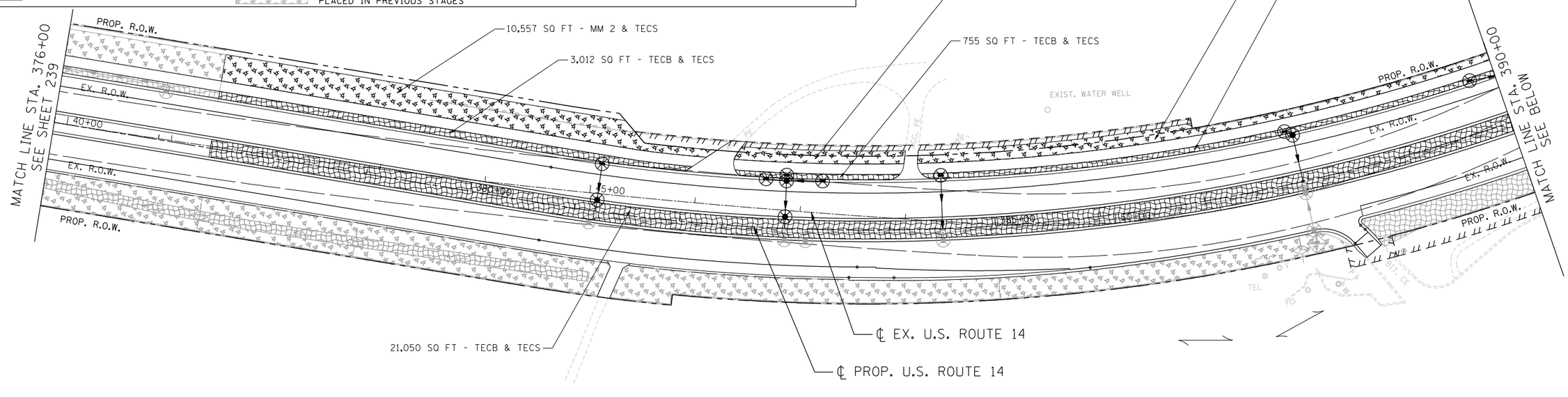
SCALE: 1"=50' | SHEET NO. OF SHEETS | STA. | TO STA.

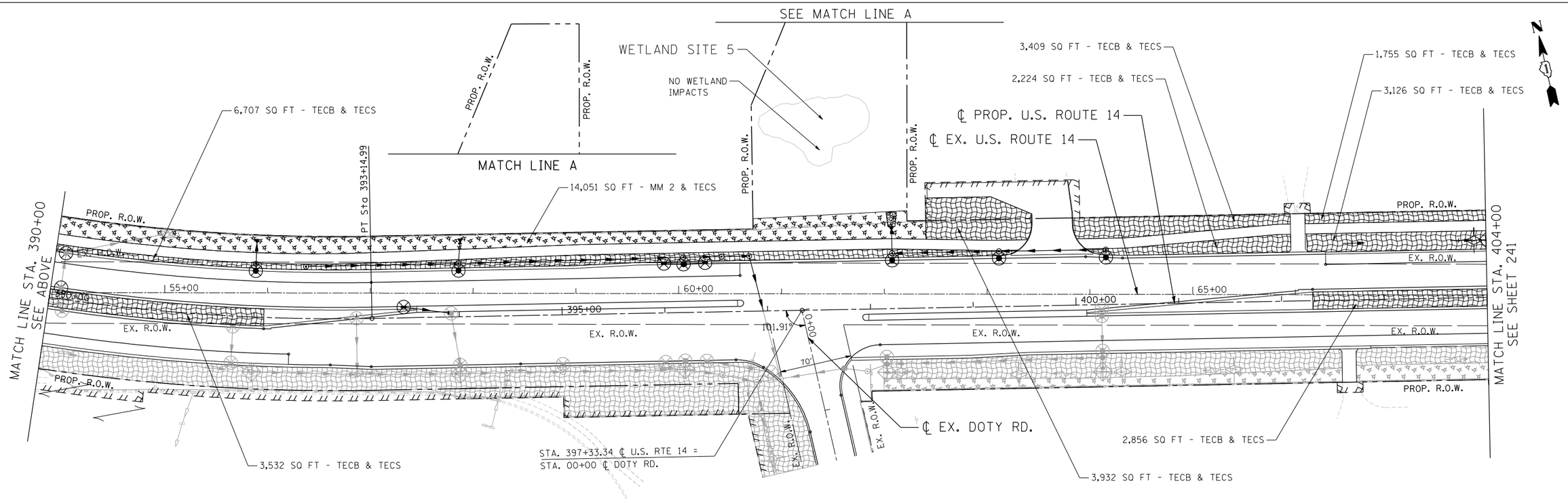
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	239
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER (PEB)
- TEMPORARY PAVEMENT
- TEMPORARY EROSION CONTROL BLANKET (TECB) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- MULCH, METHOD 2 (MM 2) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- EROSION CONTROL MEASURES (TECB, MM 2 AND TECS) PLACED IN PREVIOUS STAGES
- PROPOSED PAVEMENT
- INLET AND PIPE PROTECTION
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGES

NOTE: THE PIPES AND STRUCTURES SHOWN ARE PROPOSED, UNLESS OTHERWISE CALLED AS TEMPORARY. SEE PROPOSED DRAINAGE PLANS FOR PROPOSED PIPE AND STRUCTURE INFORMATION.





FILE NAME = $FILEL$	USER NAME = HECHTBR	DESIGNED -	REVISED -
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exp U.S. Services Inc. Chicago, IL BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

EROSION CONTROL
STAGE 2.1
STA. 376+00 TO STA. 404+00

SCALE: 1"=50' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	240
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

\\RDW02$1S.DGN...\\GEN02$17.DGN...\RDW02$1S.DGN...\TTB02$JJ.DGN...\RDW02$1S.DGN...\ERC00$JA.DGN...\ERC00$J9.DGN
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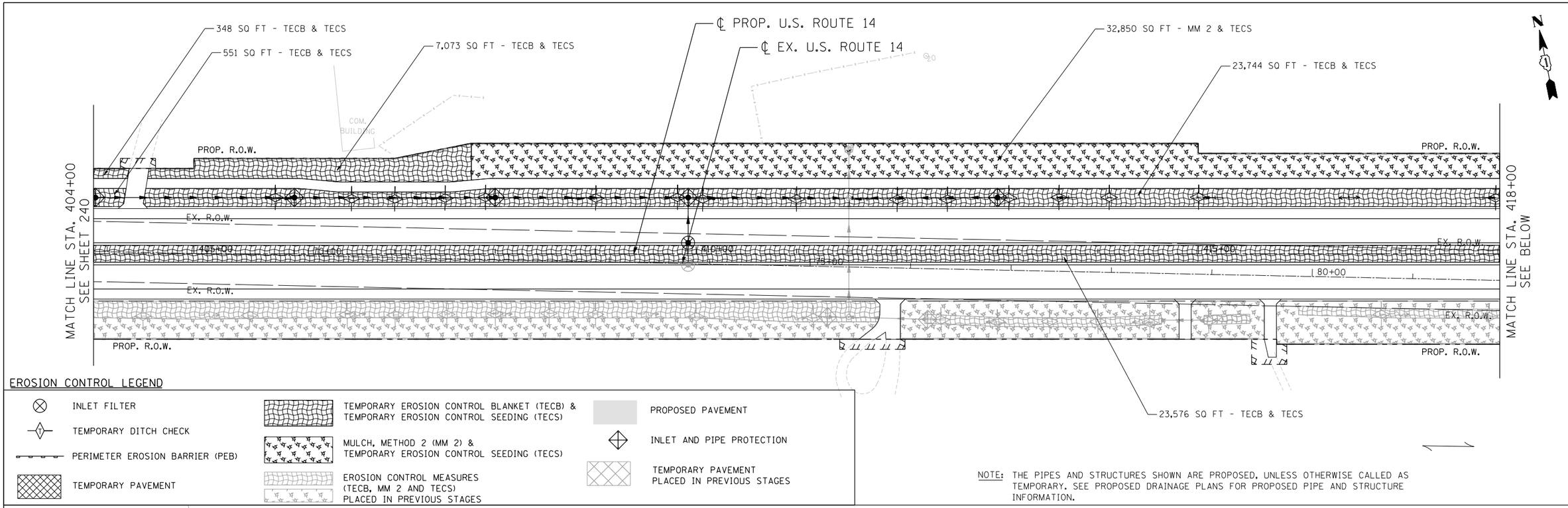
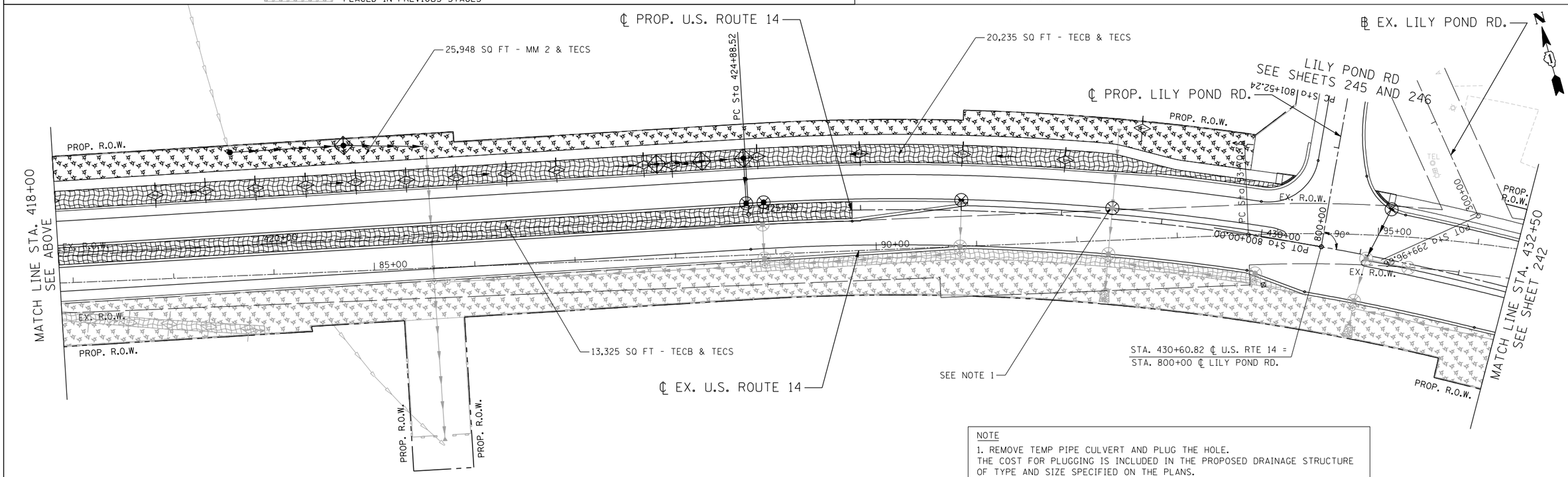


EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER (PEB)
- TEMPORARY PAVEMENT
- TEMPORARY EROSION CONTROL BLANKET (TECB) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- MULCH, METHOD 2 (MM 2) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- EROSION CONTROL MEASURES (TECB, MM 2 AND TECS) PLACED IN PREVIOUS STAGES
- PROPOSED PAVEMENT
- INLET AND PIPE PROTECTION
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGES

NOTE: THE PIPES AND STRUCTURES SHOWN ARE PROPOSED, UNLESS OTHERWISE CALLED AS TEMPORARY. SEE PROPOSED DRAINAGE PLANS FOR PROPOSED PIPE AND STRUCTURE INFORMATION.



NOTE
1. REMOVE TEMP PIPE CULVERT AND PLUG THE HOLE.
THE COST FOR PLUGGING IS INCLUDED IN THE PROPOSED DRAINAGE STRUCTURE OF TYPE AND SIZE SPECIFIED ON THE PLANS.

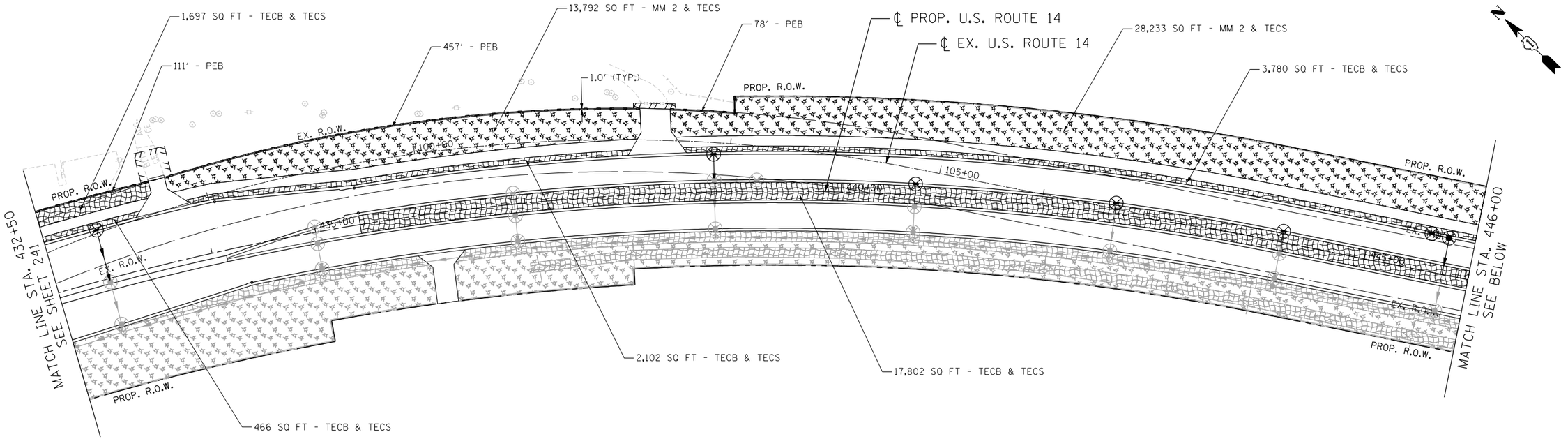
FILE NAME = $FILEL$	USER NAME = HECHTBR	DESIGNED -	REVISED -
exp U.S. Services Inc. Chicago, IL BUILDINGS·EARTH & ENVIRONMENT·ENERGY INDUSTRIAL·INFRASTRUCTURE·SUSTAINABILITY		DRAWN - MRK	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

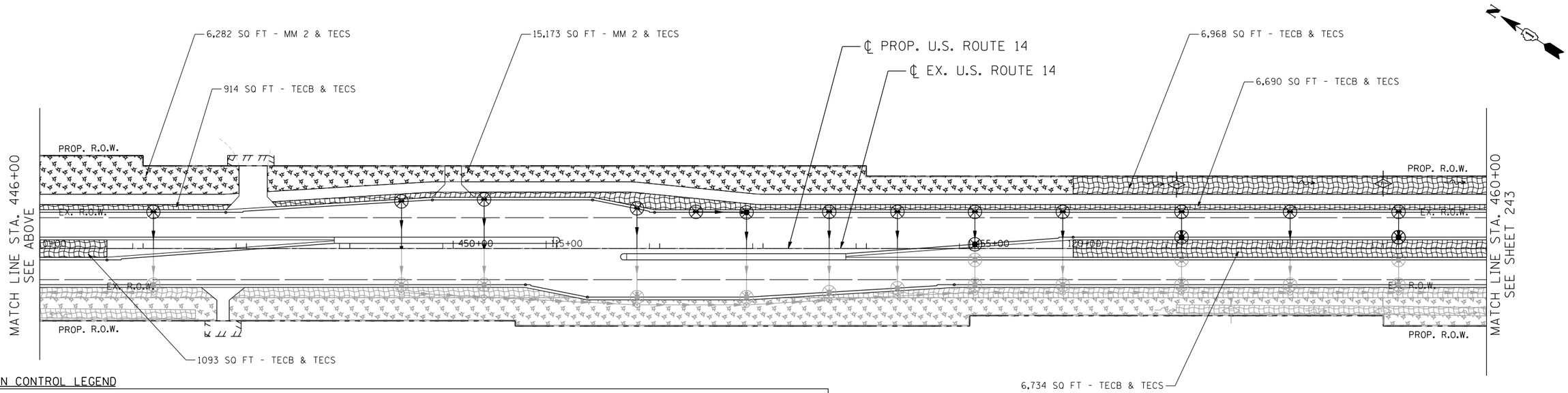
EROSION CONTROL
STAGE 2.1
STA. 404+00 TO STA. 432+50

SCALE: 1"=50' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	241
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



NOTE: THE PIPES AND STRUCTURES SHOWN ARE PROPOSED, UNLESS OTHERWISE CALLED AS TEMPORARY. SEE PROPOSED DRAINAGE PLANS FOR PROPOSED PIPE AND STRUCTURE INFORMATION.



EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER (PEB)
- TEMPORARY PAVEMENT
- TEMPORARY EROSION CONTROL BLANKET (TECB) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- MULCH, METHOD 2 (MM 2) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- EROSION CONTROL MEASURES (TECB, MM 2 AND TECS) PLACED IN PREVIOUS STAGES
- PROPOSED PAVEMENT
- INLET AND PIPE PROTECTION
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGES

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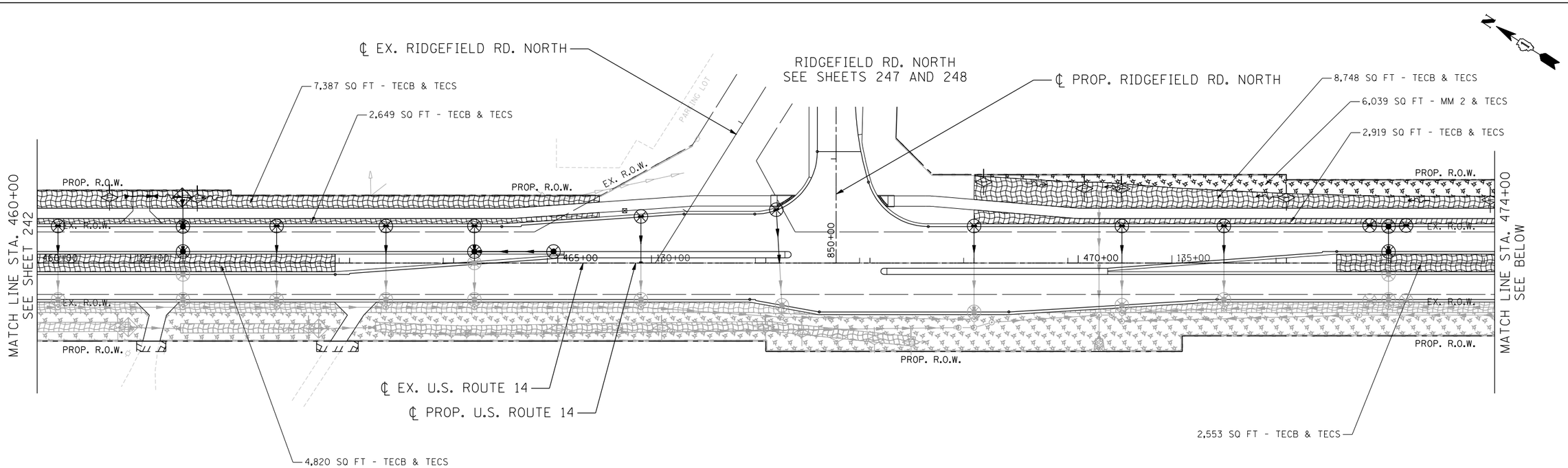
FILE NAME = $FILE$	USER NAME = HECHTBR	DESIGNED -	REVISED -
		DRAWN - MRK	REVISED -
exp U.S. Services Inc. Chicago, IL BUILDINGS·EARTH & ENVIRONMENT·ENERGY INDUSTRIAL·INFRASTRUCTURE·SUSTAINABILITY	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

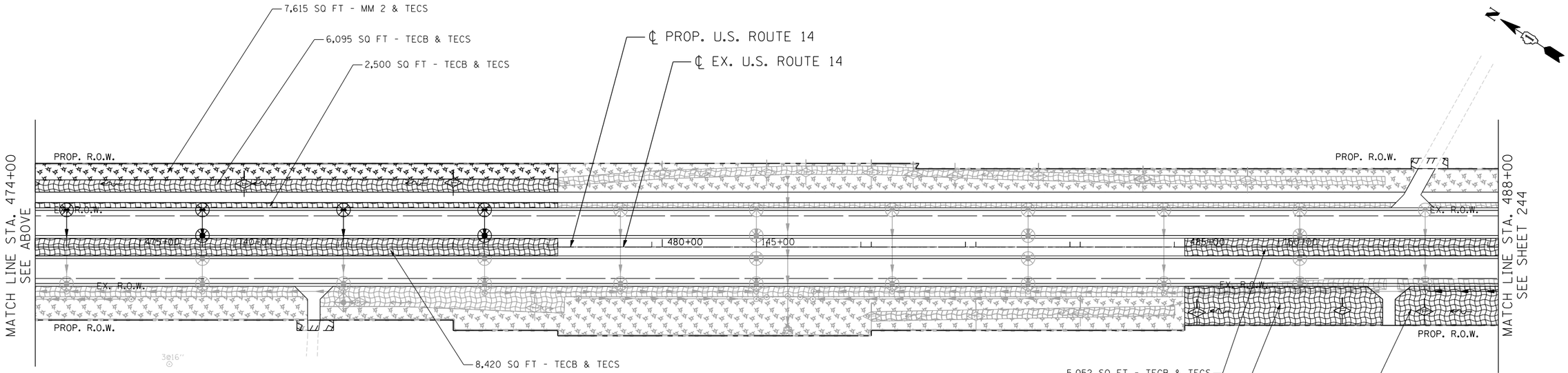
EROSION CONTROL
STAGE 2.1
STA. 432+50 TO STA. 460+00

SCALE: 1"=50' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	242
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



NOTE: THE PIPES AND STRUCTURES SHOWN ARE PROPOSED, UNLESS OTHERWISE CALLED AS TEMPORARY. SEE PROPOSED DRAINAGE PLANS FOR PROPOSED PIPE AND STRUCTURE INFORMATION.



EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER (PEB)
- TEMPORARY PAVEMENT
- TEMPORARY EROSION CONTROL BLANKET (TECB) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- MULCH, METHOD 2 (MM 2) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- EROSION CONTROL MEASURES (TECB, MM 2 AND TECS) PLACED IN PREVIOUS STAGES
- PROPOSED PAVEMENT
- INLET AND PIPE PROTECTION
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGES

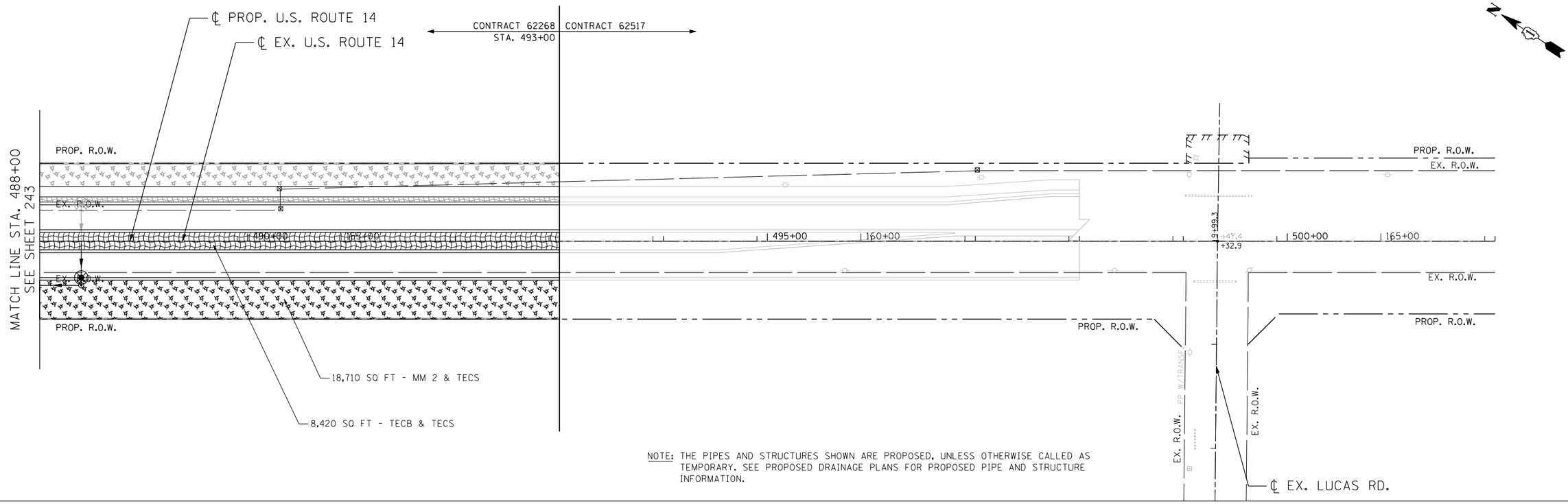
FILE NAME = $FILEL$	USER NAME = HECHTBR	DESIGNED -	REVISED -
		DRAWN - MRK	REVISED -
exp U.S. Services Inc. Chicago, IL BUILDINGS·EARTH & ENVIRONMENT·ENERGY INDUSTRIAL·INFRASTRUCTURE·SUSTAINABILITY	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

EROSION CONTROL
STAGE 2.1
STA. 460+00 TO STA. 488+00

SCALE: 1"=50' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	243
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



NOTE: THE PIPES AND STRUCTURES SHOWN ARE PROPOSED, UNLESS OTHERWISE CALLED AS TEMPORARY. SEE PROPOSED DRAINAGE PLANS FOR PROPOSED PIPE AND STRUCTURE INFORMATION.

EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER (PEB)
- TEMPORARY PAVEMENT
- TEMPORARY EROSION CONTROL BLANKET (TECB) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- MULCH, METHOD 2 (MM 2) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- EROSION CONTROL MEASURES (TECB, MM 2 AND TECS) PLACED IN PREVIOUS STAGES
- PROPOSED PAVEMENT
- INLET AND PIPE PROTECTION
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGES

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		DRAWN - MRK	REVISED -
exp U.S. Services Inc. Chicago, IL BUILDINGS·EARTH & ENVIRONMENT·ENERGY INDUSTRIAL·INFRASTRUCTURE·SUSTAINABILITY	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

EROSION CONTROL
STAGE 2.1
STA. 488+00 TO STA. 502+00

SCALE: 1"=50' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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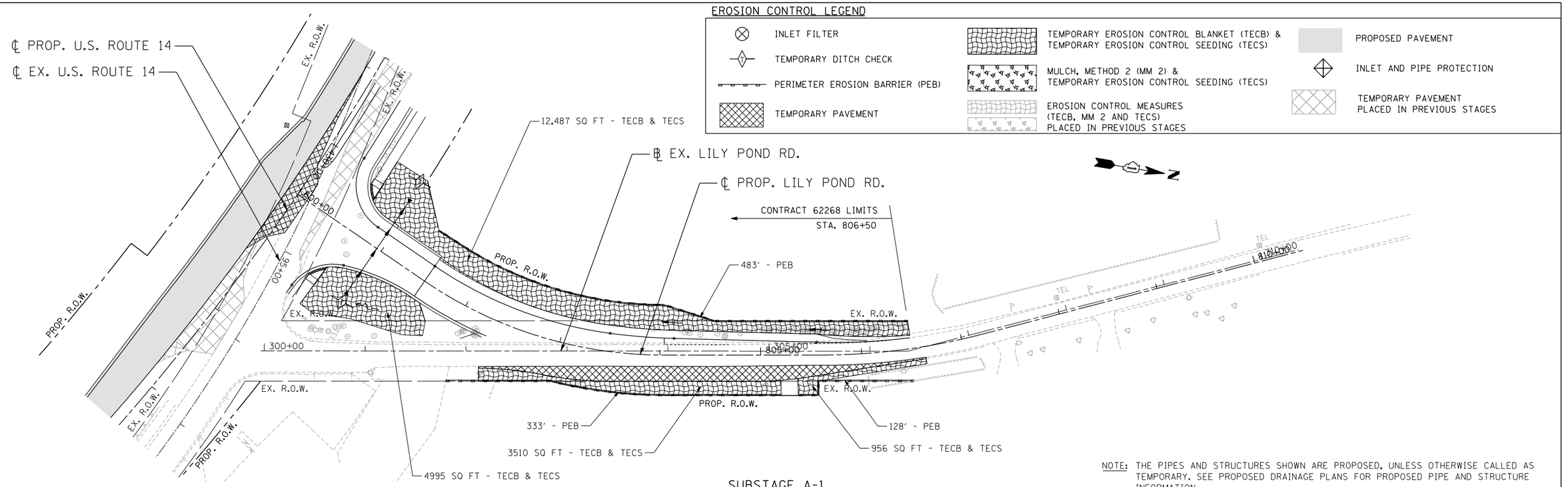
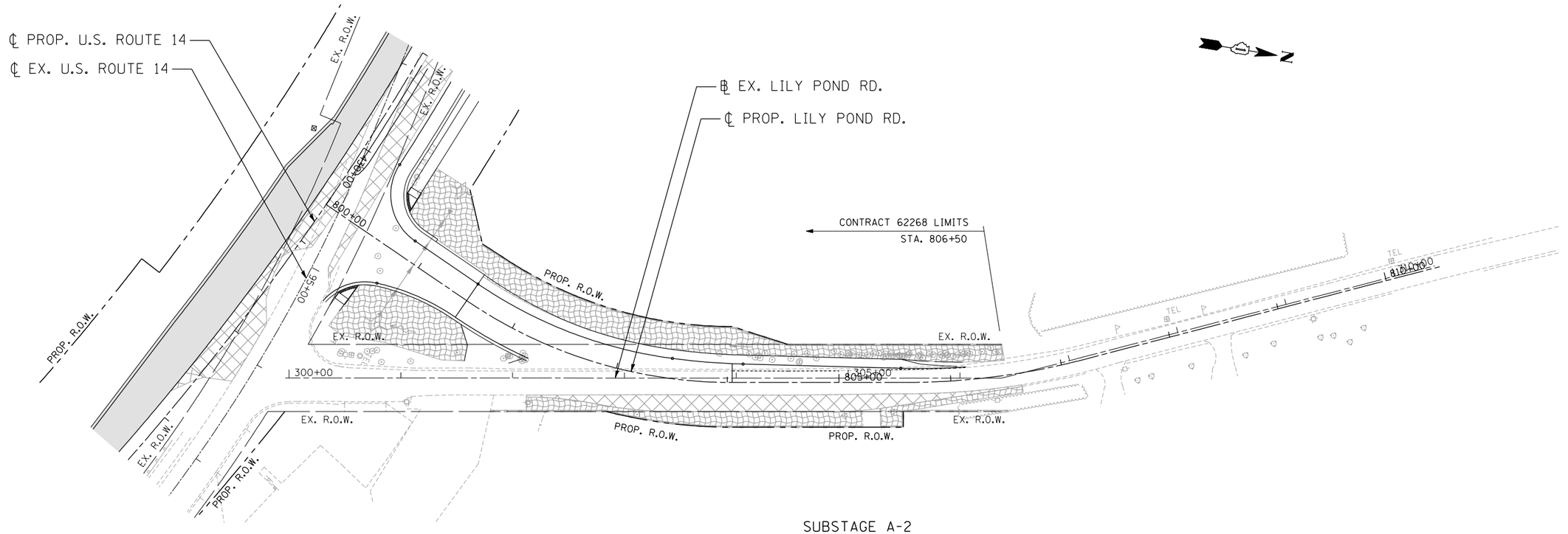
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



NOTE: THE PIPES AND STRUCTURES SHOWN ARE PROPOSED, UNLESS OTHERWISE CALLED AS TEMPORARY. SEE PROPOSED DRAINAGE PLANS FOR PROPOSED PIPE AND STRUCTURE INFORMATION.

SUBSTAGE A-1

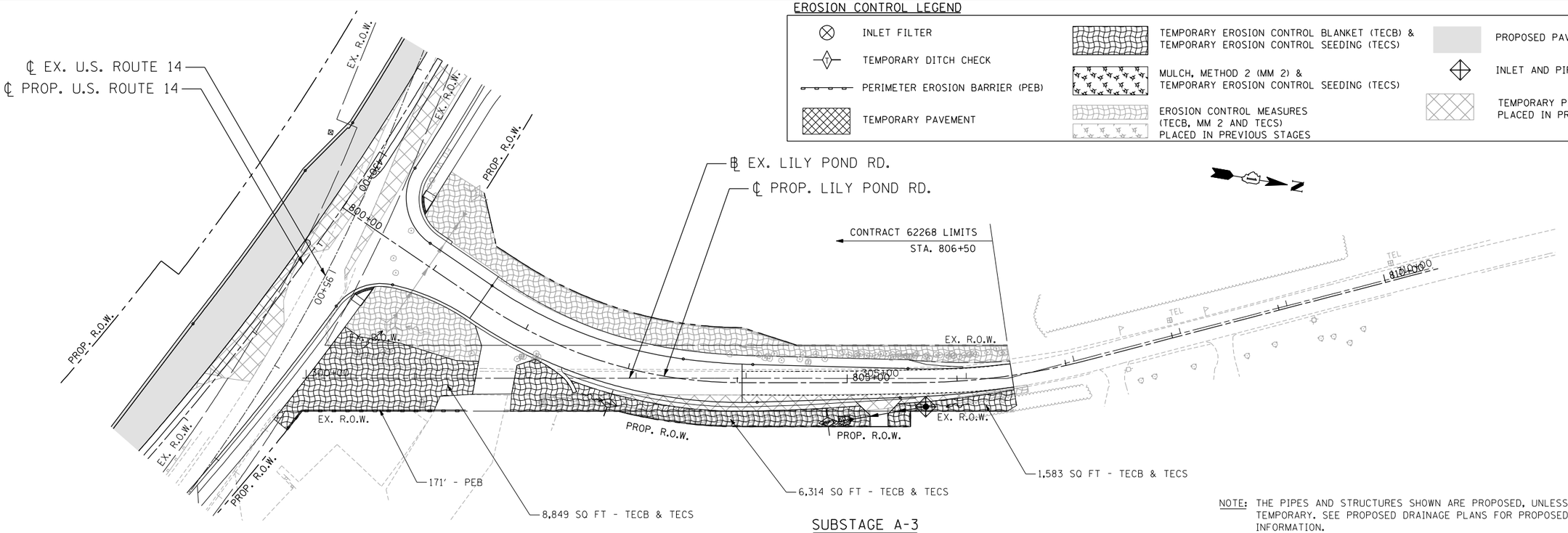


SUBSTAGE A-2

FILE NAME = $FILE$	USER NAME = HECHTBR	DESIGNED -	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION** U.S. ROUTE 14	**EROSION CONTROL STAGE 2.1 SUBSTAGE A-1 & A-2 LILY POND ROAD**	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - MRK	REVISED -			305	27R-2	MCHENRY	673	245
exp U.S. Services Inc. Chicago, IL BUILDINGS·EARTH & ENVIRONMENT·ENERGY INDUSTRIAL·INFRASTRUCTURE·SUSTAINABILITY	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -						CONTRACT NO. 62268	
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -		SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER (PEB)
- TEMPORARY PAVEMENT
- TEMPORARY EROSION CONTROL BLANKET (TECB) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- MULCH, METHOD 2 (MM 2) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- EROSION CONTROL MEASURES (TECB, MM 2 AND TECS) PLACED IN PREVIOUS STAGES
- PROPOSED PAVEMENT
- INLET AND PIPE PROTECTION
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGES



SUBSTAGE A-3

NOTE: THE PIPES AND STRUCTURES SHOWN ARE PROPOSED, UNLESS OTHERWISE CALLED AS TEMPORARY. SEE PROPOSED DRAINAGE PLANS FOR PROPOSED PIPE AND STRUCTURE INFORMATION.

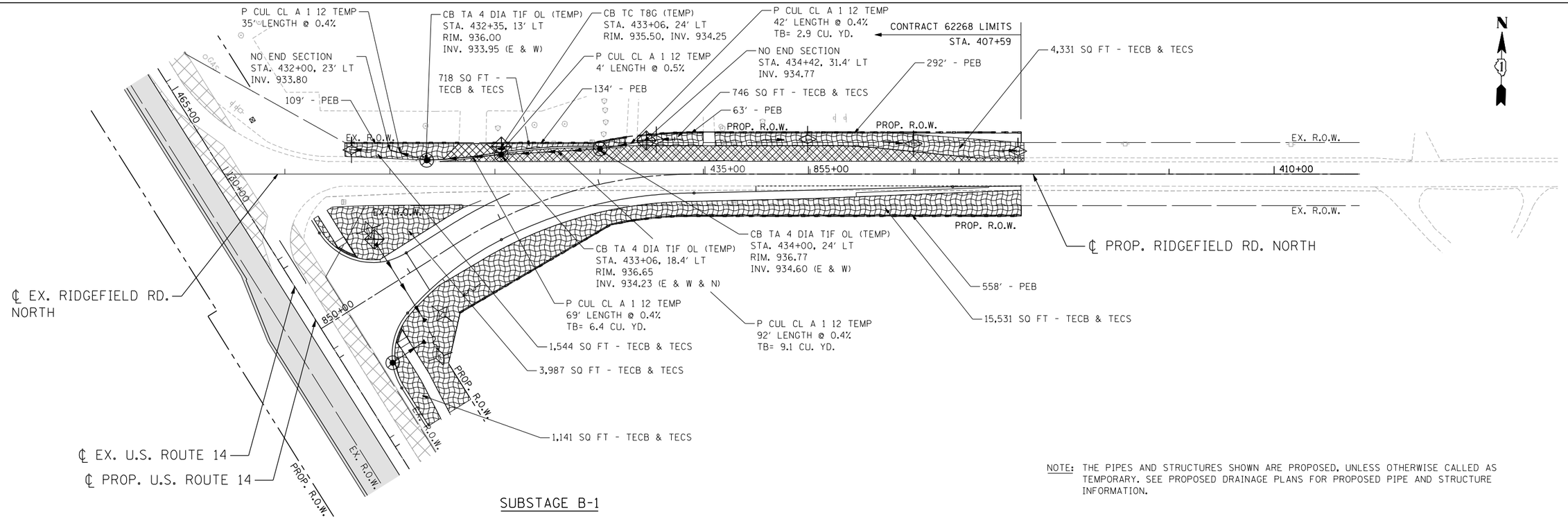
FILE NAME = $FILEL$	USER NAME = HECHTBR	DESIGNED -	REVISED -
		DRAWN - MRK	REVISED -
exp U.S. Services Inc. Chicago, IL BUILDINGS·EARTH & ENVIRONMENT·ENERGY INDUSTRIAL·INFRASTRUCTURE·SUSTAINABILITY	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

EROSION CONTROL
STAGE 2.1 SUBSTAGE A-3
LILY POND ROAD

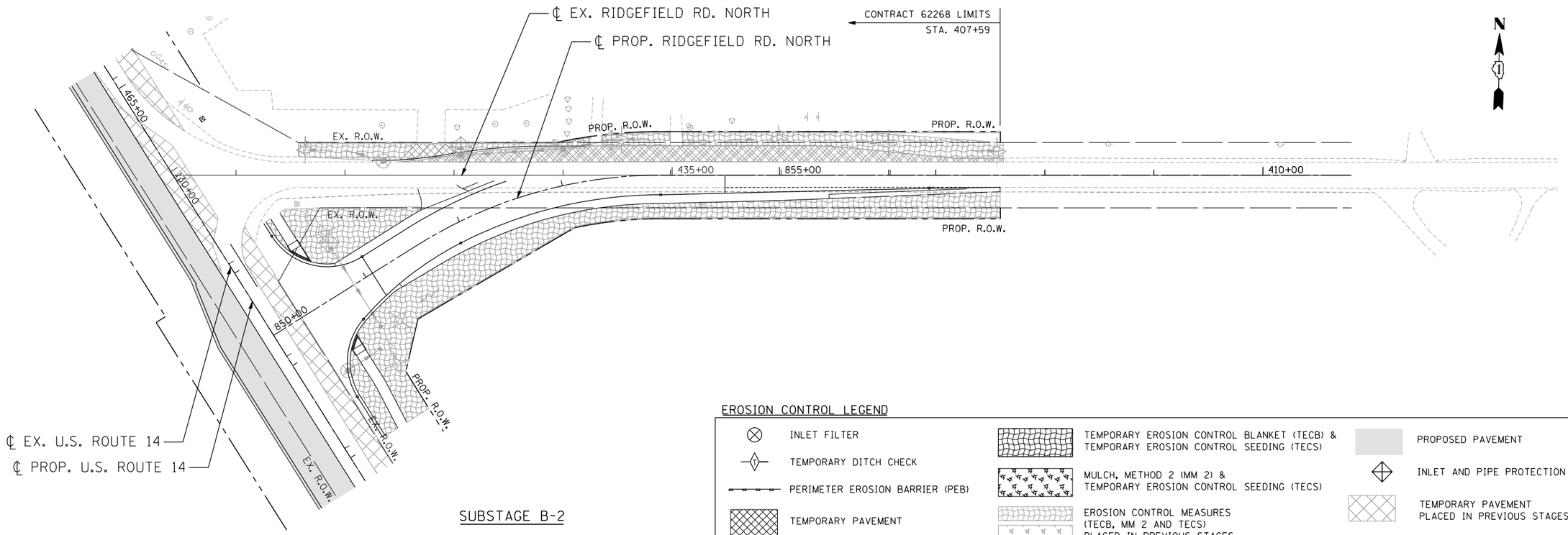
SCALE: 1"=50' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	246
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



SUBSTAGE B-1

NOTE: THE PIPES AND STRUCTURES SHOWN ARE PROPOSED, UNLESS OTHERWISE CALLED AS TEMPORARY. SEE PROPOSED DRAINAGE PLANS FOR PROPOSED PIPE AND STRUCTURE INFORMATION.



SUBSTAGE B-2

EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER (PEB)
- TEMPORARY PAVEMENT
- TEMPORARY EROSION CONTROL BLANKET (TECB) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- MULCH, METHOD 2 (MM 2) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- EROSION CONTROL MEASURES (TECB, MM 2 AND TECS) PLACED IN PREVIOUS STAGES
- PROPOSED PAVEMENT
- INLET AND PIPE PROTECTION
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGES

FILE NAME = $FILEL$	USER NAME = HECHTBR	DESIGNED -	REVISED -
		DRAWN - MRK	REVISED -
exp U.S. Services Inc. Chicago, IL BUILDINGS·EARTH & ENVIRONMENT·ENERGY INDUSTRIAL·INFRASTRUCTURE·SUSTAINABILITY	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

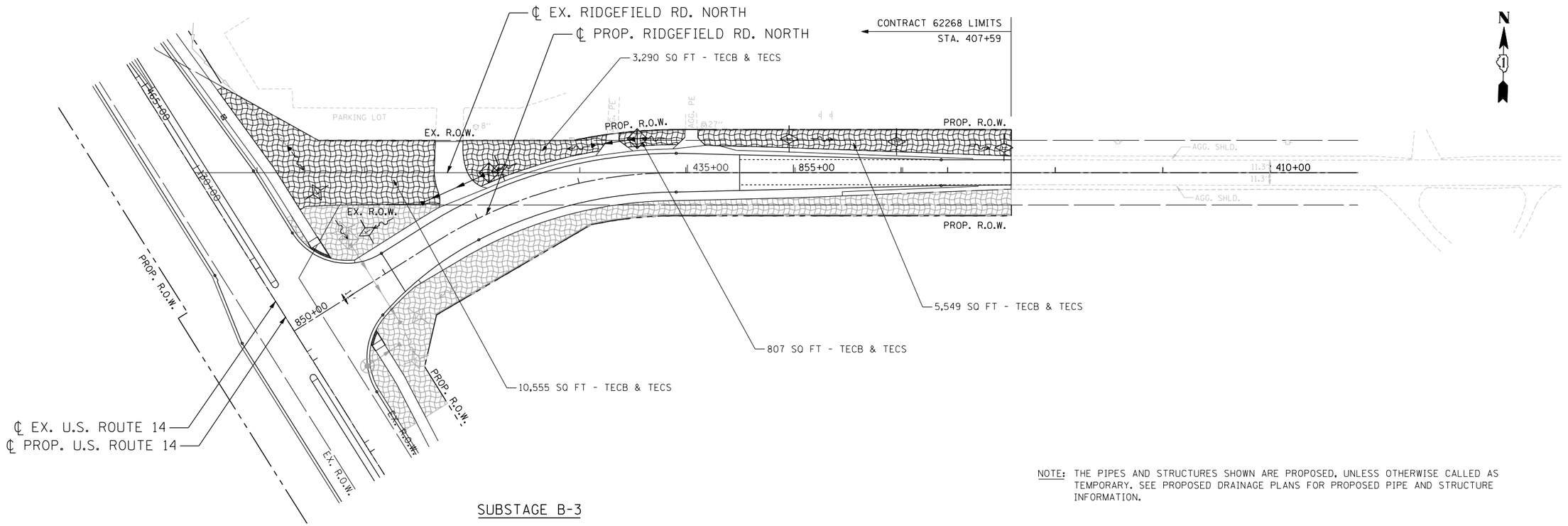
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

EROSION CONTROL
STAGE 2.1 SUBSTAGE B-1 & B-2
RIDGEFIELD ROAD NORTH

SCALE: 1"=50' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	247
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

\\RDw00#1S.DGN,..\TTB00#JJ.DGN,..\RDw00#1S.DGN,..\GEN00#37.DGN,..\RDw00#1R.DGN,..\RDw00#1R.DGN
11-06-2013, 16:17:21 HECHTBR T:\DOCUMENT\179349\CIVIL\DGN\ENG600_PL.DGN



SUBSTAGE B-3

NOTE: THE PIPES AND STRUCTURES SHOWN ARE PROPOSED, UNLESS OTHERWISE CALLED AS TEMPORARY. SEE PROPOSED DRAINAGE PLANS FOR PROPOSED PIPE AND STRUCTURE INFORMATION.

EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER (PEB)
- TEMPORARY PAVEMENT
- TEMPORARY EROSION CONTROL BLANKET (TECB) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- MULCH, METHOD 2 (MM 2) & TEMPORARY EROSION CONTROL SEEDING (TECS)
- EROSION CONTROL MEASURES (TECB, MM 2 AND TECS) PLACED IN PREVIOUS STAGES
- PROPOSED PAVEMENT
- INLET AND PIPE PROTECTION
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGES

FILE NAME = $FILEL$	USER NAME = HECHTBR	DESIGNED -	REVISED -
		DRAWN - MRK	REVISED -
exp U.S. Services Inc. Chicago, IL BUILDINGS·EARTH & ENVIRONMENT·ENERGY INDUSTRIAL·INFRASTRUCTURE·SUSTAINABILITY	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

EROSION CONTROL
STAGE 2.1 SUBSTAGE B-3
RIDGEFIELD ROAD NORTH

SCALE: 1"=50' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	248
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

\\RDW02#15.DGN,,\TTB02#JJDN,,\ERC00.DLDGN,,\RDW02#15.DGN,,\RDW02#15.DGN,,\GEN02#37.DGN,,\ERC00.DLDGN
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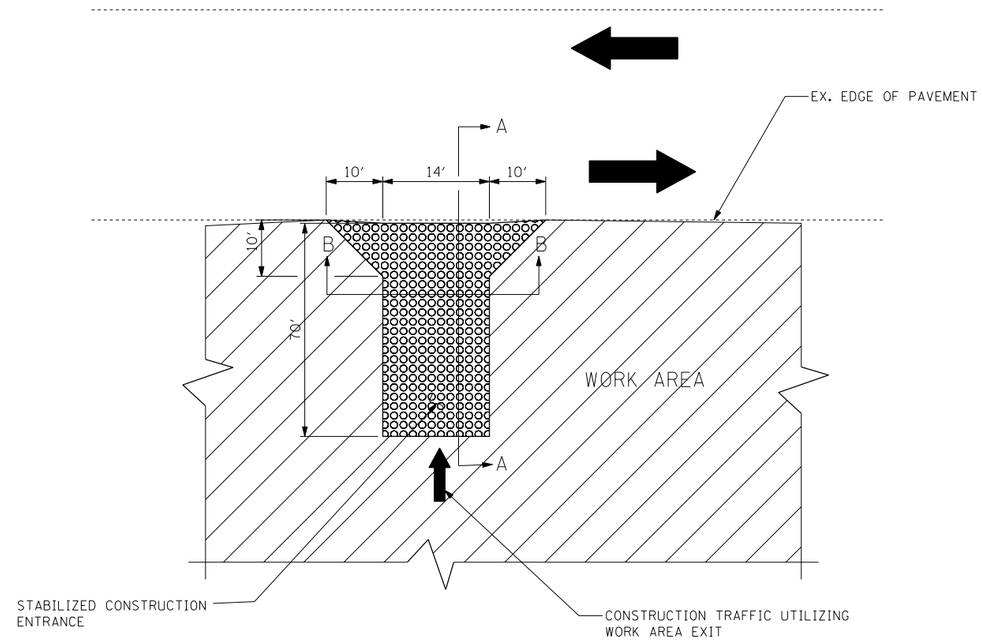
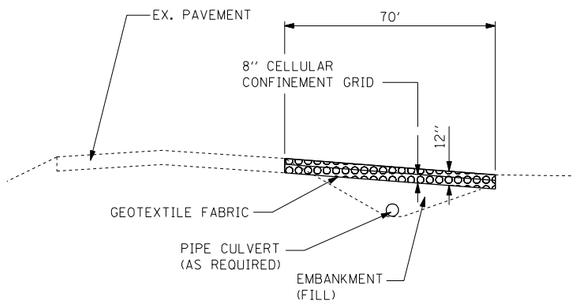
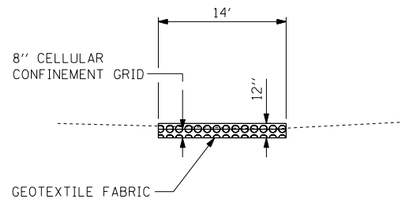




SECTION A-A



SECTION B-B

STABILIZED CONSTRUCTION ENTRANCE

NOTES:

1. STABILIZED CONSTRUCTION ENTRANCES SHALL CONSIST OF CONSTRUCTING, MAINTAINING, REMOVING AND DISPOSING OF ALL ITEMS RELATED TO THE CONSTRUCTION OF THE ENTRANCES INCLUDING, BUT NOT LIMITED TO, COARSE AGGREGATE, CELLULAR CONFINEMENT GRID, GEOTEXTILE FABRIC, COARSE AGGREGATE USED FOR TRANSITION FROM THE CONSTRUCTION ROAD TO THE STABILIZED CONSTRUCTION ENTRANCE, ADDITIONAL EMBANKMENT (FILL) TO TIE INTO EXISTING GROUND, AND PIPE CULVERTS AND EARTHWORK NECESSARY TO MAINTAIN EXISTING DITCH DRAINAGE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR EARTH EXCAVATION.
2. STABILIZED CONSTRUCTION ENTRANCE DIMENSIONS SHALL BE APPROVED BY THE ENGINEER.

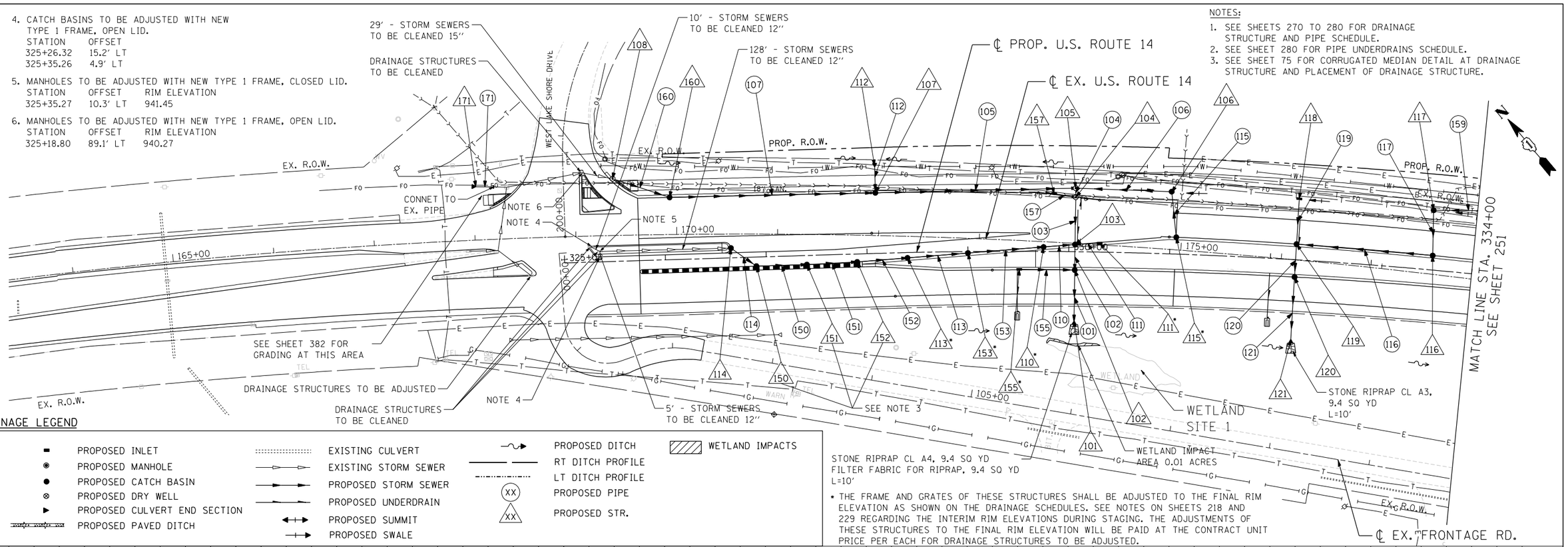
FILE NAME = $FILEL$	USER NAME = HECHTBR	DESIGNED -	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION** U.S. ROUTE 14	**EROSION CONTROL DETAILS – I STABILIZED CONSTRUCTION ENTRANCE**	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - MRK	REVISED -			305	27R-2	MCHENRY	673	249
exp U.S. Services Inc. Chicago, IL BUILDINGS·EARTH & ENVIRONMENT·ENERGY INDUSTRIAL·INFRASTRUCTURE·SUSTAINABILITY	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -					CONTRACT NO. 62268		
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -		SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

4. CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID.
   STATION OFFSET
   325+26.32 15.2' LT
   325+35.26 4.9' LT

5. MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID.
   STATION OFFSET RIM ELEVATION
   325+35.27 10.3' LT 941.45

6. MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID.
   STATION OFFSET RIM ELEVATION
   325+18.80 89.1' LT 940.27

NOTES:
1. SEE SHEETS 270 TO 280 FOR DRAINAGE STRUCTURE AND PIPE SCHEDULE.
2. SEE SHEET 280 FOR PIPE UNDERDRAINS SCHEDULE.
3. SEE SHEET 75 FOR CORRUGATED MEDIAN DETAIL AT DRAINAGE STRUCTURE AND PLACEMENT OF DRAINAGE STRUCTURE.



- THE FRAME AND GRATES OF THESE STRUCTURES SHALL BE ADJUSTED TO THE FINAL RIM ELEVATION AS SHOWN ON THE DRAINAGE SCHEDULES. SEE NOTES ON SHEETS 218 AND 229 REGARDING THE INTERIM RIM ELEVATIONS DURING STAGING. THE ADJUSTMENTS OF THESE STRUCTURES TO THE FINAL RIM ELEVATION WILL BE PAID AT THE CONTRACT UNIT PRICE PER EACH FOR DRAINAGE STRUCTURES TO BE ADJUSTED.

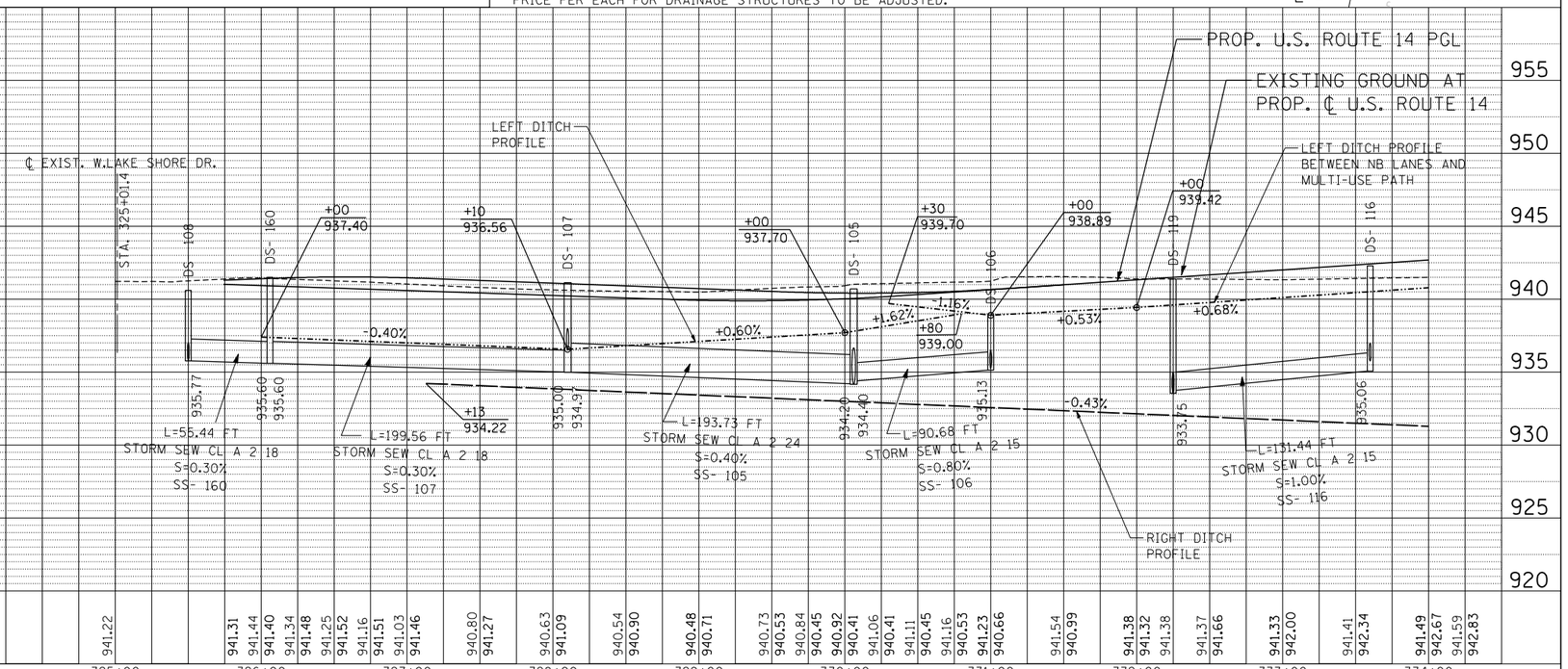
DRAINAGE LEGEND

- PROPOSED INLET
- PROPOSED MANHOLE
- PROPOSED CATCH BASIN
- PROPOSED DRY WELL
- PROPOSED CULVERT END SECTION
- PROPOSED PAVED DITCH
- EXISTING CULVERT
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- PROPOSED UNDERDRAIN
- PROPOSED SUMMIT
- PROPOSED SWALE
- PROPOSED DITCH
- RT DITCH PROFILE
- LT DITCH PROFILE
- PROPOSED PIPE
- PROPOSED STR.
- WETLAND IMPACTS

PLAN — SURVEYED — DATE; PLOTTED — BY; DESIGNER CHECKED; R/T. OF WAY CHECKED; NOTE BOOK; NO.; CADD FILE NAME

PROFILE — SURVEYED — DATE; PLOTTED — BY; DESIGNER CHECKED; H.W. NOTED; NOTE BOOK; NO.; STRUCTURE NOTATNS CHKD

LEGEND:
DS- 105 DRAINAGE STRUCTURE NO.
L LENGTH OF PIPE
S SLOPE OF PIPE
SS- 105 STORM SEWER NO.



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		DRAWN - MRK	REVISED -
exp U.S. Services Inc. Chicago, IL BUILDINGS·EARTH & ENVIRONMENT·ENERGY INDUSTRIAL·INFRASTRUCTURE·SUSTAINABILITY	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

PROPOSED DRAINAGE
U.S. ROUTE 14 PLAN & PROFILE
STA. 164+00 (EX) TO STA. 334+00
SCALE: HORIZ. 1''=50' VERT. 1''=5' STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	250
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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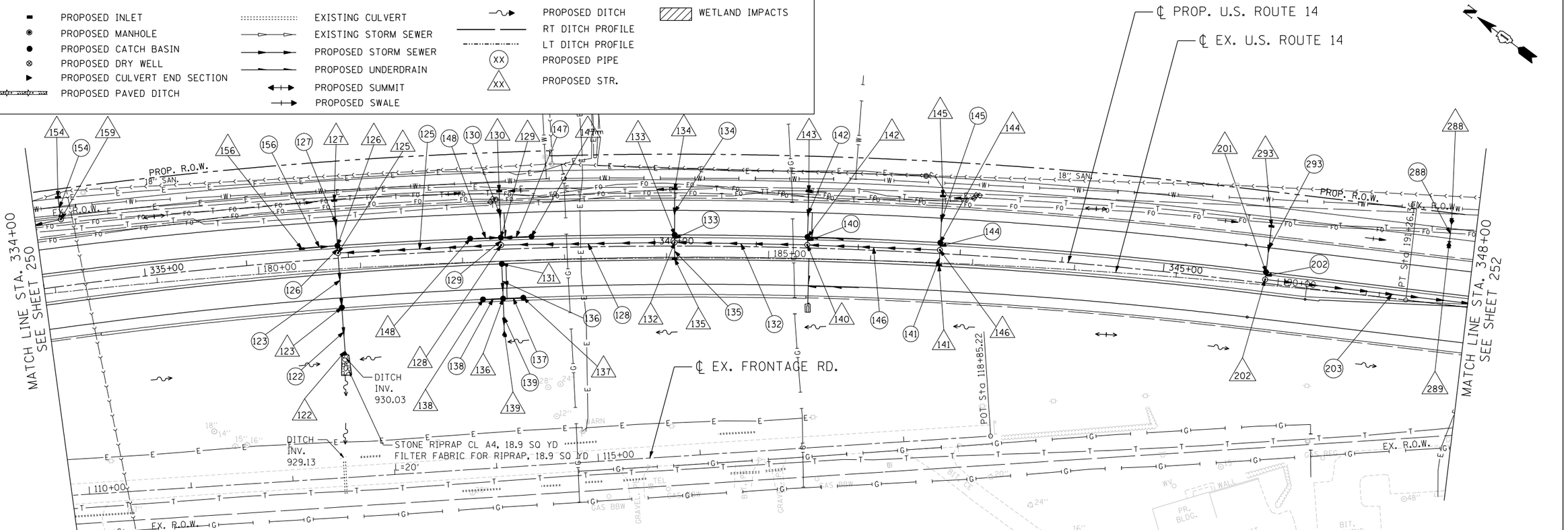
DRAINAGE LEGEND

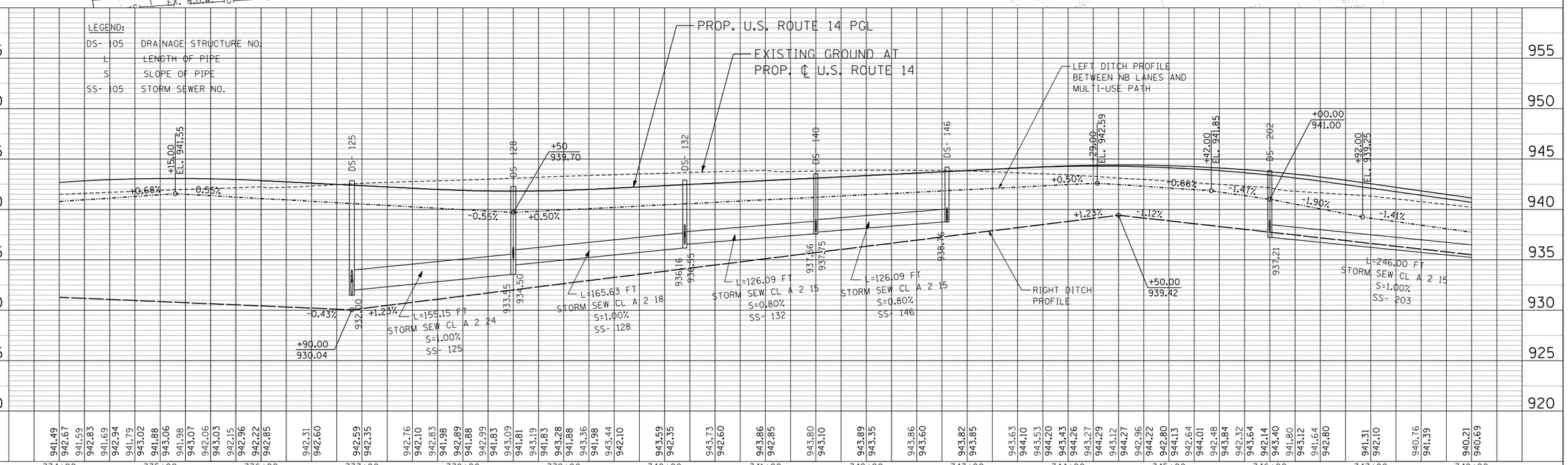
- PROPOSED INLET
- PROPOSED MANHOLE
- PROPOSED CATCH BASIN
- PROPOSED DRY WELL
- PROPOSED CULVERT END SECTION
- PROPOSED PAVED DITCH
- EXISTING CULVERT
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- PROPOSED UNDERDRAIN
- PROPOSED SUMMIT
- PROPOSED SWALE
- PROPOSED DITCH
- RT DITCH PROFILE
- LT DITCH PROFILE
- PROPOSED PIPE
- PROPOSED STR.
- WETLAND IMPACTS

PLAN — SURVEYED; PLOTTED; ALIGNMENT CHECKED; RT. OF WAY CHECKED; CADD FILE NAME; NOTE BOOK; NO. ____ — BY; DATE

PROFILE — SURVEYED; PLOTTED; CROSS SECTIONS CHECKED; B.M. NOTED; STRUCTURE NOTATIONS CHKD — BY; DATE



LEGEND:
DS- 105 DRAINAGE STRUCTURE NO.
L LENGTH OF PIPE
S SLOPE OF PIPE
SS- 105 STORM SEWER NO.



334+00	335+00	336+00	337+00	338+00	339+00	340+00	341+00	342+00	343+00	344+00	345+00	346+00	347+00	348+00
941.49	942.31	942.59	942.76	943.98	942.99	943.09	943.28	943.36	943.59	943.73	943.86	943.80	943.89	943.86	943.82	943.63	943.53	943.43	943.27	943.12	942.96	942.80	942.64	942.48	942.32	942.14	941.80	941.64	941.31	940.76	940.21
942.67	942.60	942.35	942.10	942.89	941.83	941.81	941.88	941.98	942.35	942.60	942.85	943.10	943.35	943.60	943.85	944.10	944.20	944.26	944.29	944.27	942.80	944.13	944.01	943.84	943.64	943.40	943.12	942.80	942.10	941.39	940.69
941.59	942.83	942.94	941.79	943.02	941.88	943.06	941.98	943.07	942.06	943.03	942.15	942.96	942.22	942.85

FILE NAME = $FILE$	USER NAME = HECHTBR	DESIGNED -	REVISED -	
		DRAWN - MRK	REVISED -	
exp U.S. Services Inc. Chicago, IL BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -	
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

PROPOSED DRAINAGE
U.S. ROUTE 14 PLAN & PROFILE
STA. 334+00 TO STA. 348+00

SCALE: HORIZ. 1"=50' VERT. 1"=5' STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	251
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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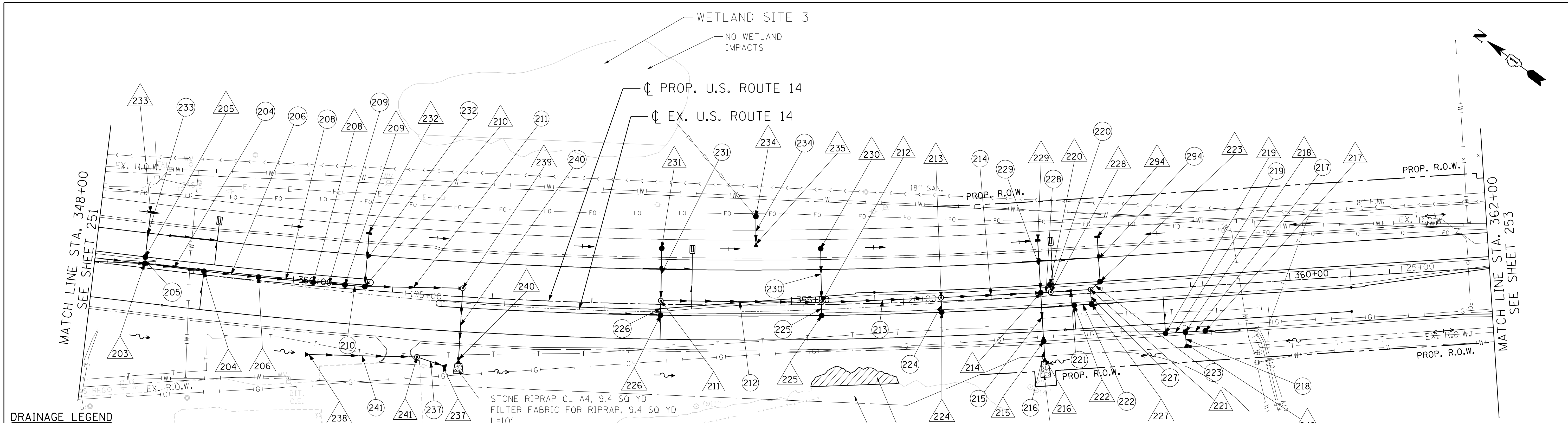
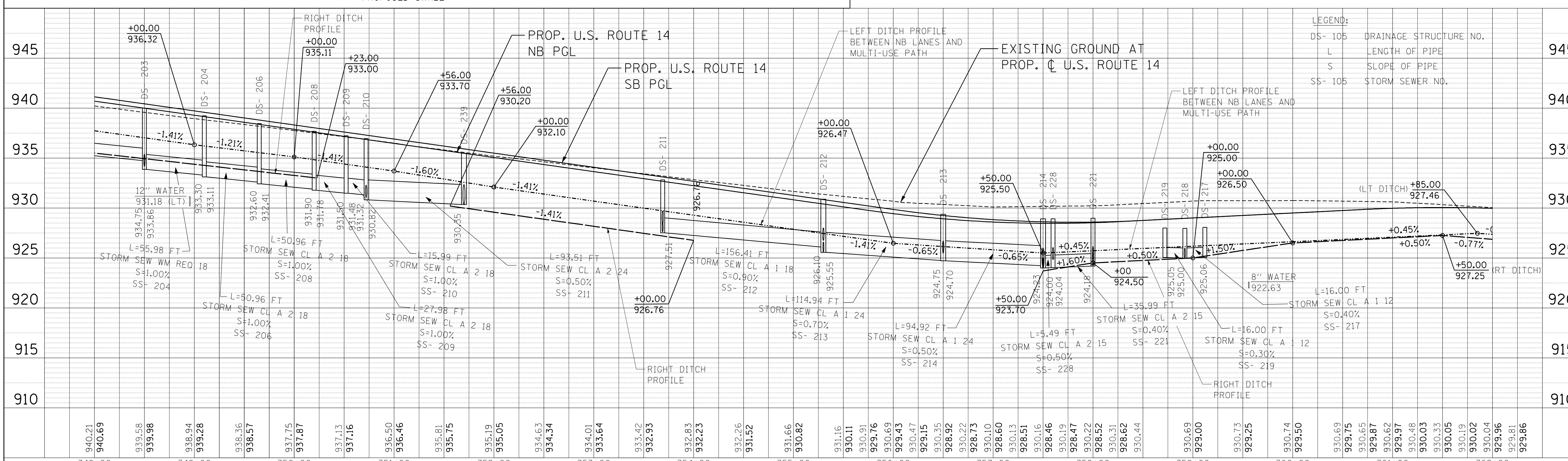


DRAINAGE LEGEND

PROPOSED INLET		EXISTING CULVERT		PROPOSED DITCH	WETLAND IMPACTS
PROPOSED MANHOLE		EXISTING STORM SEWER		RT DITCH PROFILE	
PROPOSED CATCH BASIN		PROPOSED STORM SEWER		LT DITCH PROFILE	
PROPOSED DRY WELL		PROPOSED UNDERDRAIN	XX	PROPOSED PIPE	
PROPOSED CULVERT END SECTION		PROPOSED SUMMIT	XX	PROPOSED STR.	
PROPOSED PAVED DITCH		PROPOSED SWALE			



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$FILEL$		DRAWN - MRK	REVISED -
exp U.S. Services Inc. Chicago, IL BUILDINGS•EARTH & ENVIRONMENT•ENERGY INDUSTRIAL•INFRASTRUCTURE•SUSTAINABILITY	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

PROPOSED DRAINAGE
U.S. ROUTE 14 PLAN & PROFILE
STA. 348+00 TO STA. 362+00

SCALE: HORIZ. 1″=50′ VERT. 1″=5′ STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	252
		CONTRACT NO. 62268		

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

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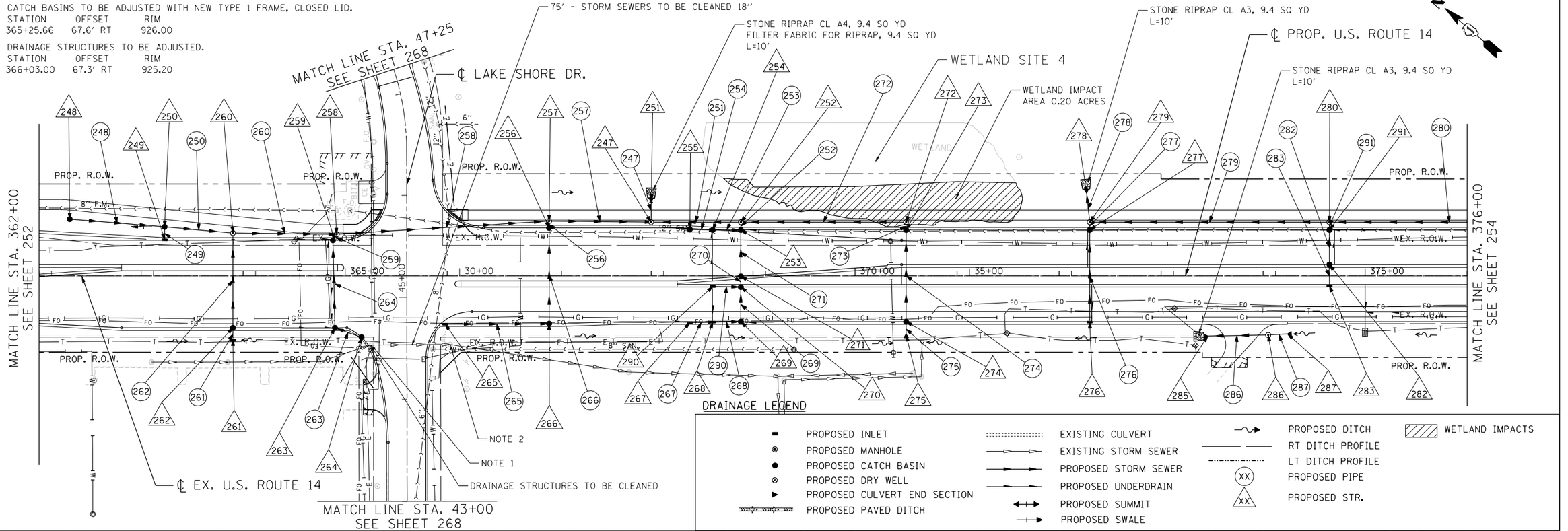
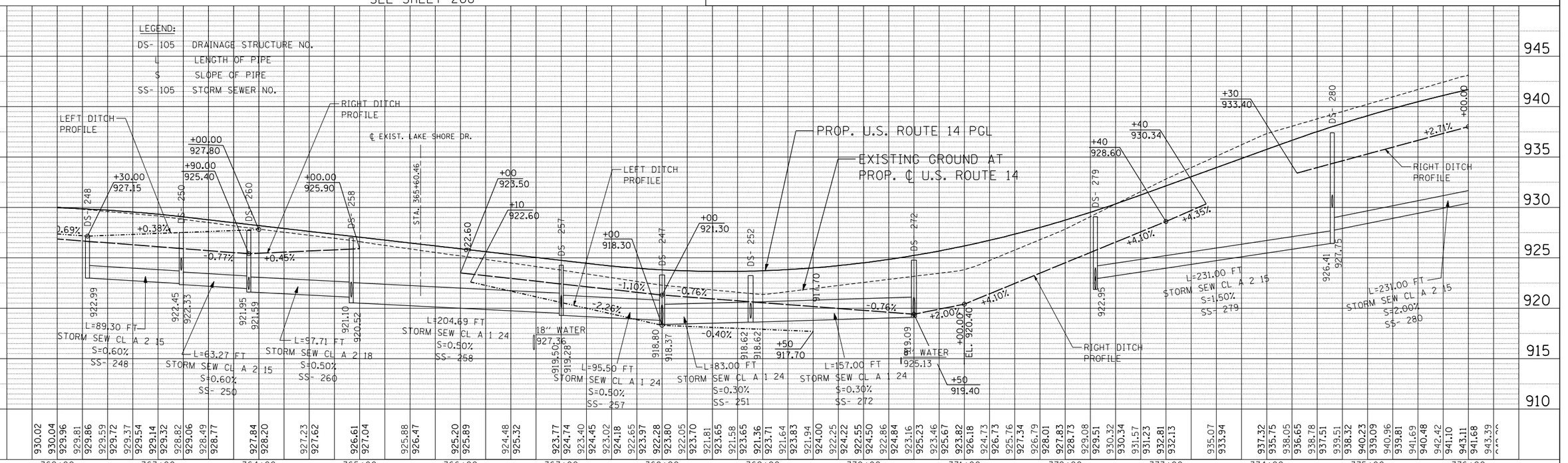
NOTES

1. CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID.
   STATION OFFSET RIM
   365+25.66 67.6′ RT 926.00
2. DRAINAGE STRUCTURES TO BE ADJUSTED.
   STATION OFFSET RIM
   366+03.00 67.3′ RT 925.20



DRAINAGE LEGEND

- PROPOSED INLET
- PROPOSED MANHOLE
- PROPOSED CATCH BASIN
- PROPOSED DRY WELL
- PROPOSED CULVERT END SECTION
- PROPOSED PAVED DITCH
- EXISTING CULVERT
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- PROPOSED UNDERDRAIN
- PROPOSED SUMMIT
- PROPOSED SWALE
- PROPOSED DITCH
- RT DITCH PROFILE
- LT DITCH PROFILE
- PROPOSED PIPE
- PROPOSED STR.
- WETLAND IMPACTS



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	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

PROPOSED DRAINAGE
U.S. ROUTE 14 PLAN & PROFILE
STA. 362+00 TO STA. 376+00

SCALE: HORIZ. 1″=50′ VERT. 1″=5′ STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	253
		CONTRACT NO. 62268		

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

PLAN: SURVEYED — BY — DATE; PLOTTED; DESIGN CHECKED; QUANTITIES CHECKED; R.O.W. MONUMENT CHECKED; R.O.W. NOTED; CADD FILE NAME; NOTE BOOK; NO.

PROFILE: SURVEYED — BY — DATE; PLOTTED; DESIGN CHECKED; QUANTITIES CHECKED; R.O.W. NOTED; STRUCTURE NOTATNS CHKD; NOTE BOOK; NO.

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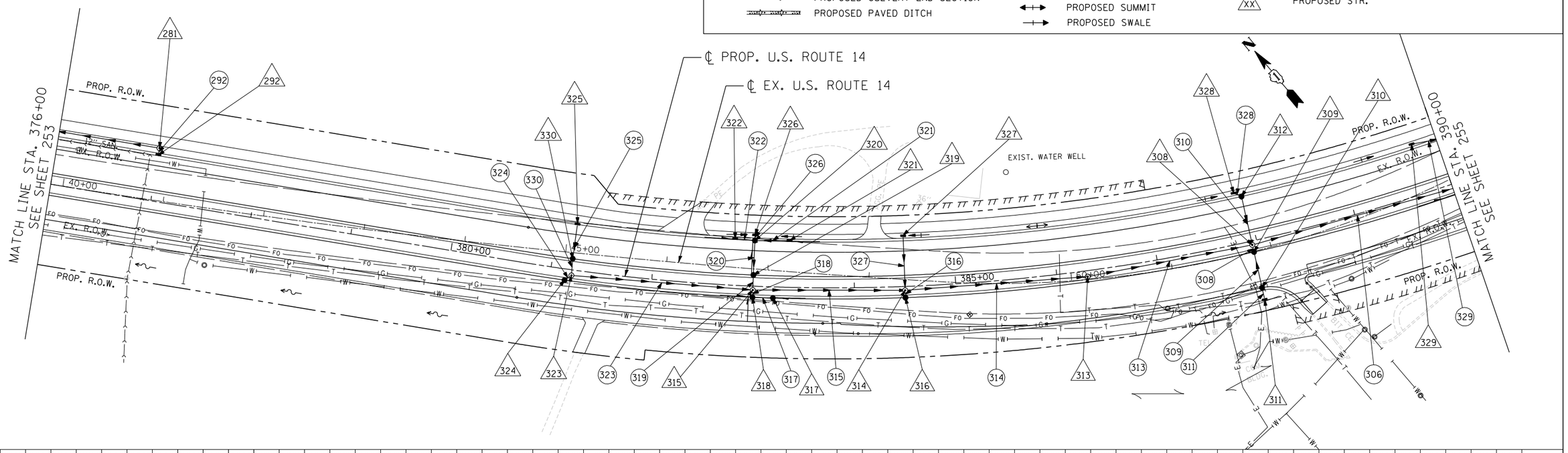
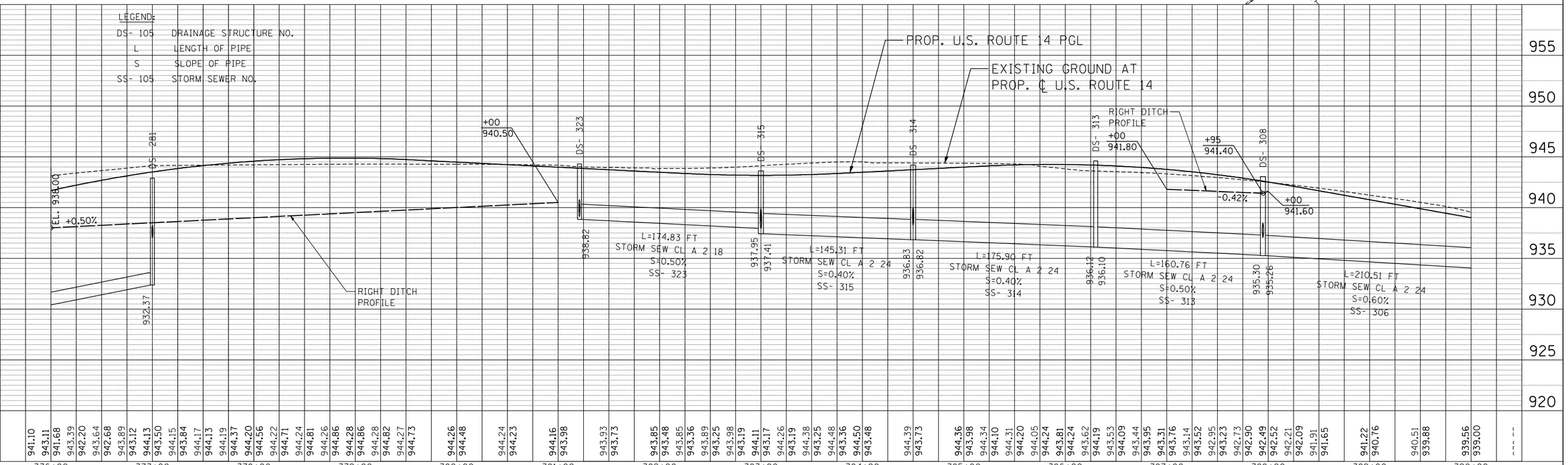
DRAINAGE LEGEND

- PROPOSED INLET
- PROPOSED MANHOLE
- PROPOSED CATCH BASIN
- PROPOSED DRY WELL
- PROPOSED CULVERT END SECTION
- PROPOSED PAVED DITCH
- EXISTING CULVERT
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- PROPOSED UNDERDRAIN
- PROPOSED SUMMIT
- PROPOSED SWALE
- PROPOSED DITCH
- RT DITCH PROFILE
- LT DITCH PROFILE
- PROPOSED PIPE (XX)
- PROPOSED STR. (XX)
- WETLAND IMPACTS





PLAN: SURVEYED, PLOTTED, CROSS CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, DRAWING CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, CROSS CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE

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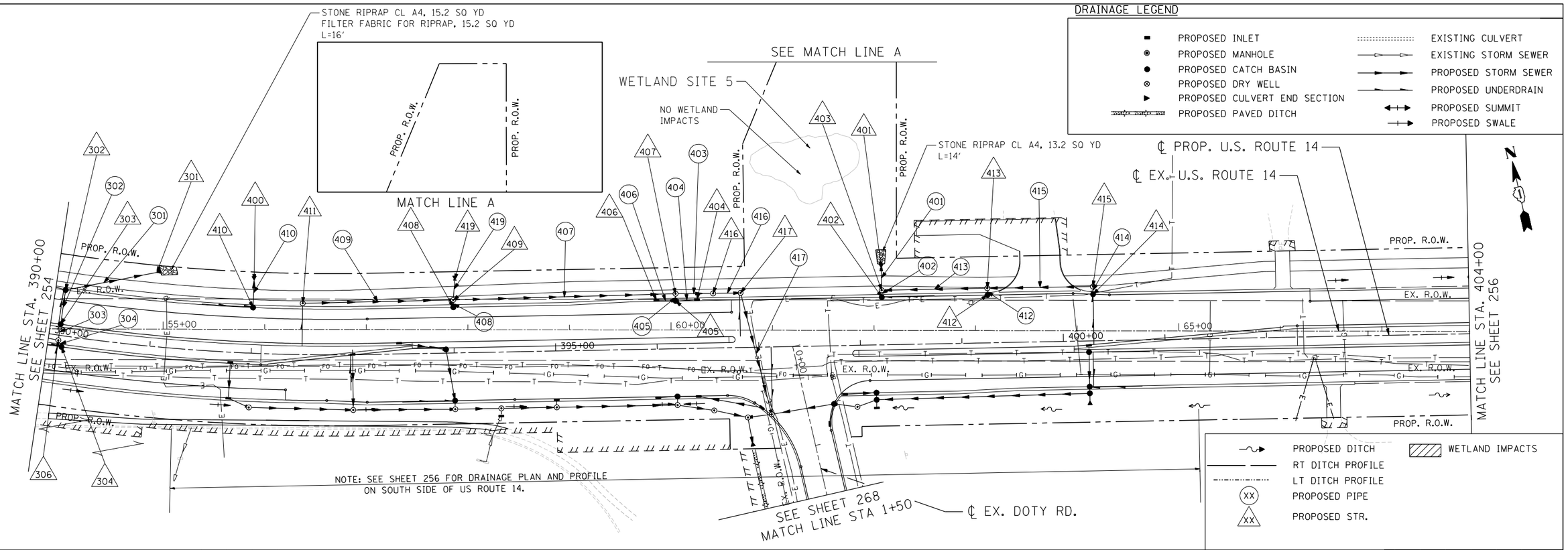
		DRAWN - MRK	REVISED -
exp U.S. Services Inc. Chicago, IL BUILDINGS·EARTH & ENVIRONMENT·ENERGY INDUSTRIAL·INFRASTRUCTURE·SUSTAINABILITY	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

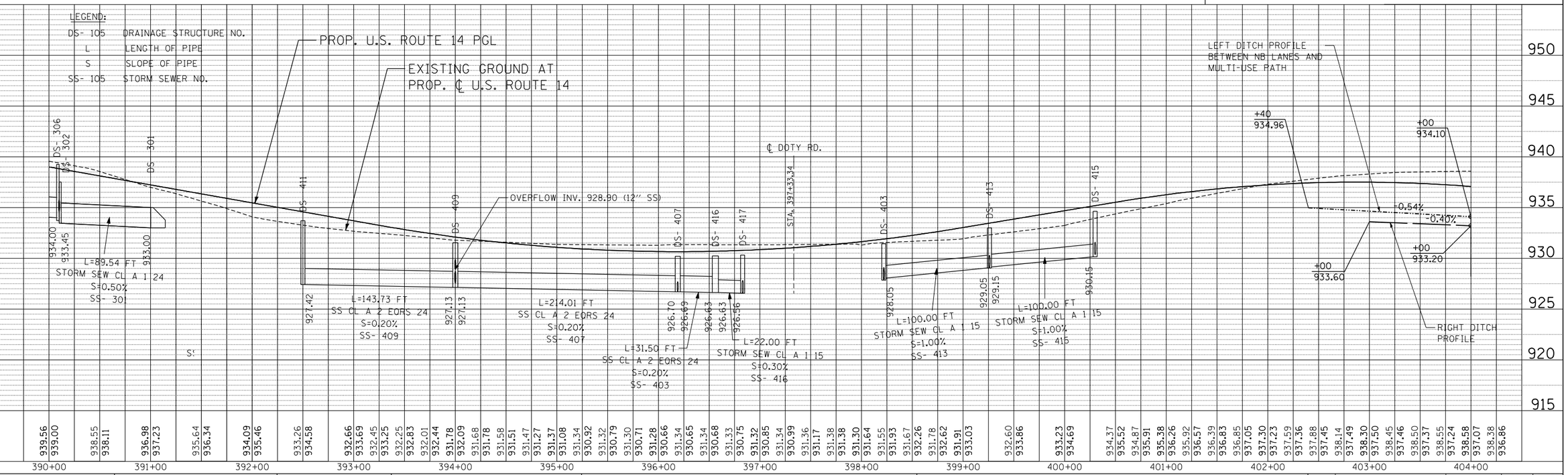
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

PROPOSED DRAINAGE
U.S. ROUTE 14 PLAN & PROFILE
STA. 376+00 TO STA. 390+00

SCALE: HORIZ. 1"=50' VERT. 1"=5' STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	254
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		





PLAN — SURVEYED — PLOTTED — ALIGNMENT CHECKED — R/T OF WAY CHECKED — CADD FILE NAME — NOTE BOOK — NO. — BY — DATE

PROFILE — SURVEYED — PLOTTED — PROFILE CHECKED — B.M. NOTED — STRUCTURE NOTATNS CHKD — NOTE BOOK — NO. — BY — DATE

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exp U.S. Services Inc. Chicago, IL BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

PROPOSED DRAINAGE
U.S. ROUTE 14 PLAN & PROFILE – NORTH SIDE
STA. 390+00 TO STA. 404+00

SCALE: HORIZ. 1"=50' VERT. 1"=5' STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	255
		CONTRACT NO. 62268		

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

STONE RIPRAP CL A4, 15.2 SQ YD
FILTER FABRIC FOR RIPRAP, 15.2 SQ YD
L=16'

PROP. R.O.W.

PROP. R.O.W.

MATCH LINE A

SEE MATCH LINE A

WETLAND SITE 5

NO WETLAND IMPACTS

PROP. R.O.W.

PROP. R.O.W.

NOTE: SEE SHEET 255 FOR DRAINAGE PLAN AND PROFILE ON NORTH SIDE OF US ROUTE 14.

℄ PROP. U.S. ROUTE 14

℄ EX. U.S. ROUTE 14

MATCH LINE STA. 390+00
SEE SHEET 255

MATCH LINE STA. 404+00
SEE SHEET 257

PROP. R.O.W.

EX. R.O.W.

PROP. R.O.W.

CONNECT EX 15" RCP
TO PR STRUCTURE

180' - PR PAVED
DITCH TYPE B-30
@ 0.14%

SEE SHEET 268
MATCH LINE STA 1+50

℄ EX. DOTY RD.

BEGIN PAVED DITCH
STA. 0+90.50, 60.1' RT, INV. 925.85

DRAINAGE LEGEND

- PROPOSED INLET
- PROPOSED MANHOLE
- PROPOSED CATCH BASIN
- PROPOSED DRY WELL
- PROPOSED CULVERT END SECTION
- PROPOSED PAVED DITCH
- EXISTING CULVERT
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- PROPOSED UNDERDRAIN
- PROPOSED SUMMIT
- PROPOSED SWALE
- PROPOSED DITCH
- RT DITCH PROFILE
- LT DITCH PROFILE
- (XX) PROPOSED PIPE
- XX PROPOSED STR.
- WETLAND IMPACTS

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

PROFILE
SURVEYED
PLOTTED
PROFILE CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

LEGEND:
DS- 105 DRAINAGE STRUCTURE NO.
L LENGTH OF PIPE
S SLOPE OF PIPE
SS- 105 STORM SEWER NO.

PROP. U.S. ROUTE 14 PGL

EXISTING GROUND AT
PROP. ℄ U.S. ROUTE 14

L=89.54 FT
STORM SEW CL A 1 24
S=0.50%
SS- 301

L=96.87 FT
SS CL A 2 EQRS 30
S=0.20%
SS- 354

L=94.44 FT
SS CL A 2 EQRS 30
S=0.20%
SS- 357

L=39.90 FT
SS CL A 2 EQRS 24
S=0.20%
SS- 361

L=49.60 FT
SS CL A 2 EQRS 24
S=0.20%
SS- 363

L=114.00 FT
SS CL A 2 EQRS 24
S=0.20%
SS- 364

L=31.00 FT
SS CL A 2 EQRS 24
S=0.20%
SS- 370

L=28.34 FT
SS CL A 2 EQRS 24
S=0.53%
SS- 371

L=58.22 FT
STORM SEW CL A 1 15
S=0.50%
SS- 377

L=19.05 FT
STORM SEW CL A 1 15
S=0.50%
SS- 418

L=15.11 FT
STORM SEW CL A 2 15
S=0.53%
SS- 376

L=18.27 FT
STORM SEW CL A 1 15
S=1.09%
SS- 386

L=206.01 FT
STORM SEW CL A 2 15
S=0.40%
SS- 381

℄ DOTY RD.

STA. 397+33.34

+05
930.50
+15
929.20

+00.00
929.94

928.15

LEFT DITCH PROFILE
BETWEEN NB LANES AND
MULTI-USE PATH

+40
934.96

+00
934.10

+45
934.10

+00
933.60

+00
933.20

+1.70%

+0.40%

-0.54%

-0.40%

RIGHT DITCH
PROFILE

RIGHT DITCH
PROFILE

950
945
940
935
930
925
920
915

939.56 939.00 | 938.55 938.11 | 936.98 937.23 | 935.64 936.34 | 934.09 935.46 | 933.26 934.58 | 932.66 933.69 | 932.45 933.25 | 932.25 932.83 | 932.01 932.44 | 931.78 932.09 | 931.68 931.78 | 931.58 931.51 | 931.47 931.27 | 931.37 931.08 | 931.34 930.92 | 931.32 930.79 | 931.30 930.71 | 931.28 930.66 | 931.34 930.65 | 931.34 930.68 | 931.33 930.75 | 931.32 930.85 | 931.34 930.99 | 931.36 931.17 | 931.38 931.30 | 931.64 931.55 | 931.93 931.67 | 932.26 931.78 | 932.62 931.91 | 933.03 932.60 | 933.86 933.23 | 934.69 934.37 | 935.52 934.87 | 935.91 935.38 | 936.26 935.92 | 936.57 936.39 | 936.83 936.85 | 937.05 937.23 | 937.30 937.59 | 937.36 937.88 | 937.45 938.14 | 937.49 938.30 | 937.50 938.45 | 937.46 938.50 | 937.37 938.55 | 937.24 938.58 | 937.07 938.38 | 936.86

390+00 | 391+00 | 392+00 | 393+00 | 394+00 | 395+00 | 396+00 | 397+00 | 398+00 | 399+00 | 400+00 | 401+00 | 402+00 | 403+00 | 404+00

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	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

PROPOSED DRAINAGE
U.S. ROUTE 14 PLAN & PROFILE – SOUTH SIDE
STA. 390+00 TO STA. 404+00

SCALE: HORIZ. 1"=50' VERT. 1"=5' STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	256
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

DRAINAGE LEGEND

- PROPOSED INLET
- PROPOSED MANHOLE
- PROPOSED CATCH BASIN
- PROPOSED DRY WELL
- PROPOSED CULVERT END SECTION
- PROPOSED PAVED DITCH
- EXISTING CULVERT
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- PROPOSED UNDERDRAIN
- PROPOSED SUMMIT
- PROPOSED SWALE
- PROPOSED DITCH
- RT DITCH PROFILE
- LT DITCH PROFILE
- PROPOSED PIPE (XX)
- PROPOSED STR. (XX)
- WETLAND IMPACTS

PLAN — SURVEYED, PLOTTED, ALIGNMENT CHECKED, R/T. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO. ____, BY, DATE

EXIST. WATER FOR COMMERCIAL OPERATION

℄ PROP. U.S. ROUTE 14

℄ EX. U.S. ROUTE 14

COM. BUILDING

PROP. R.O.W.

EX. R.O.W.

MATCH LINE STA. 404+00
SEE SHEET 256

MATCH LINE STA. 418+00
SEE SHEET 258

405+00 | 70+00 | 410+00 | 75+00 | 415+00 | 80+00

EXIST. WATER WELL

STONE RIPRAP CL A4, 8.6 SQ YD
FILTER FABRIC FOR RIPRAP, 8.6 SQ YD
L=8.9'

PROFILE — SURVEYED, PLOTTED, CROSS SECTIONS CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO. ____, BY, DATE

PROP. U.S. ROUTE 14 PGL

EXISTING GROUND AT PROP. ℄ U.S. ROUTE 14

L=194.00 FT
STORM SEW CL A 2 15
S=1.00%
SS- 455

L=196.00 FT
STORM SEW CL A 2 15
S=1.00%
SS- 454

L=188.00 FT
STORM SEW CL A 1 15
S=0.80%
SS- 453

L=155.50 FT
STORM SEW CL A 2 18
S=0.40%
SS- 452

L=143.50 FT
STORM SEW CL A 2 15
S=1.50%
SS- 459

L=35.00 FT
P CUL CL A 1 15
S=2.00%
SS- 464

RIGHT DITCH PROFILE

LEFT DITCH PROFILE BETWEEN NB LANES AND MULTI-USE PATH

LEGEND:
DS- 105 DRAINAGE STRUCTURE NO.
L LENGTH OF PIPE
S SLOPE OF PIPE
SS- 105 STORM SEWER NO.

404+00 | 405+00 | 406+00 | 407+00 | 408+00 | 409+00 | 410+00 | 411+00 | 412+00 | 413+00 | 414+00 | 415+00 | 416+00 | 417+00 | 418+00

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exp U.S. Services Inc. Chicago, IL
BUILDINGS-EARTH & ENVIRONMENT-ENERGY
INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

PROPOSED DRAINAGE
U.S. ROUTE 14 PLAN & PROFILE
STA. 404+00 TO STA. 418+00

SCALE: HORIZ. 1"=50' VERT. 1"=5' STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	257
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

DRAINAGE LEGEND

- PROPOSED INLET
- PROPOSED MANHOLE
- PROPOSED CATCH BASIN
- PROPOSED DRY WELL
- PROPOSED CULVERT END SECTION
- PROPOSED PAVED DITCH
- EXISTING CULVERT
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- PROPOSED UNDERDRAIN
- PROPOSED SUMMIT
- PROPOSED SWALE
- PROPOSED DITCH
- RT DITCH PROFILE
- LT DITCH PROFILE
- PROPOSED PIPE
- PROPOSED STR.
- WETLAND IMPACTS

PLAN — SURVEYED / PLOTTED / QUANTITY CHECKED / R.O.W. CHECKED / CADD FILE NAME / NOTE BOOK / NO. / BY / DATE

PROFILE — SURVEYED / PLOTTED / QUANTITY CHECKED / B.M. NOTED / STRUCTURE NOTATNS CHKD / NOTE BOOK / NO. / BY / DATE

℄ PROP. U.S. ROUTE 14 — ℄ EX. U.S. ROUTE 14 — ℄ PROP. LILY POND RD. — ℄ EX. LILY POND RD.

EXIST. WATER WELL

MATCH LINE STA. 418+00 SEE SHEET 257

MATCH LINE STA. 801+50 SEE SHEET 266

MATCH LINE STA. 432+50 SEE SHEET 259

EX FIELD TILE

NOTE 1

PROP. R.O.W. — EX. R.O.W.

PLUG FIELD TILE (SEE STORM SEWER PLUG DETAIL ON SHEET 284)

• INVERT ELEVATIONS OF THE STRUCTURES TO BE ADJUSTED AS DIRECTED BY THE ENGINEER TO PROVIDE POSITIVE DRAINAGE OF EXISTING FIELD TILE.

NOTE 1

THE LOCATION OF DRAINAGE STRUCTURE 518 SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER TO INTERCEPT THE EXISTING FIELD TILE. THE PAY ITEM "EXPLORATION TRENCH 52" DEPTH" IS INCLUDED IN THE CONTRACT TO LOCATE THE FIELD TILE.

STONE RIPRAP CL A4, 11.3 SQ YD
FILTER FABRIC FOR RIPRAP, 11.3 SQ YD
L=12'

STONE RIPRAP CL A4, 11.3 SQ YD
FILTER FABRIC FOR RIPRAP, 11.3 SQ YD
L=12'

LEGEND:
DS- 105 DRAINAGE STRUCTURE NO.
L LENGTH OF PIPE
S SLOPE OF PIPE
SS- 105 STORM SEWER NO.

LEFT DITCH PROFILE BETWEEN NB LANES AND MULTI-USE PATH

PROP. U.S. ROUTE 14 PGL

EXISTING GROUND AT PROP. ℄ U.S. ROUTE 14

RIGHT DITCH PROFILE

L=7.54 FT
STORM SEW CL A 2 24
S=1.00%
SS- 502

L=310.93 FT
STORM SEW CL A 2 36
S=0.40%
SS- 503

L=190.07 FT
STORM SEW CL A 2 15
S=1.00%
SS- 513

L=142.83 FT
STORM SEW CL A 2 15
S=1.20%
SS- 557

L=187.65 FT
STORM SEW CL A 1 24
S=1.00%
SS- 605

LEFT DITCH PROFILE

℄ PROP. LILY POND RD

STA. 430+60.82

FILE NAME = $FILEL$	USER NAME = HECHTBR	DESIGNED -	REVISED -
		DRAWN - MRK	REVISED -
exp U.S. Services Inc. Chicago, IL BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

PROPOSED DRAINAGE
U.S. ROUTE 14 PLAN & PROFILE
STA. 418+00 TO STA. 432+50
SCALE: HORIZ. 1"=50' VERT. 1"=5' STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	258
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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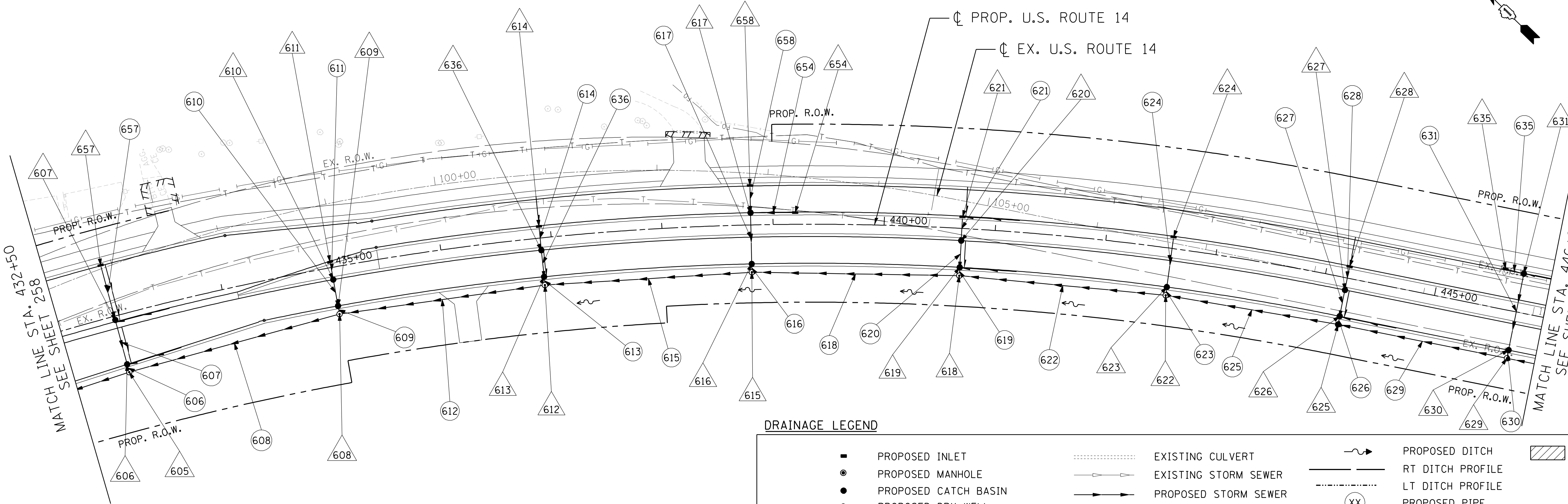
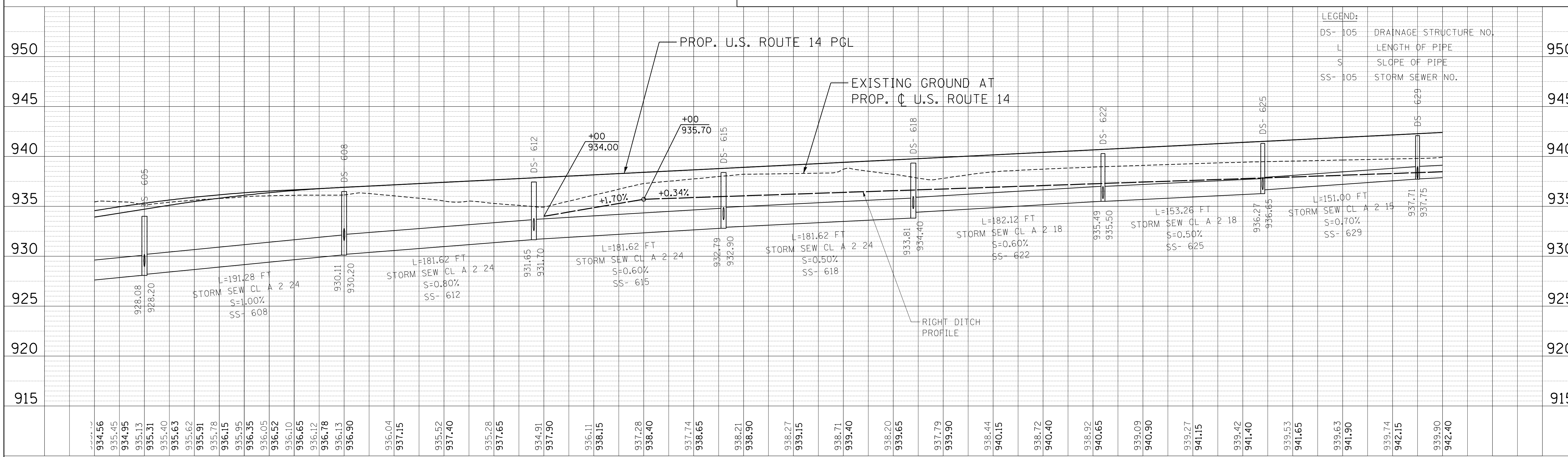


DRAINAGE LEGEND

PROPOSED INLET	EXISTING CULVERT	PROPOSED DITCH	WETLAND IMPACTS
PROPOSED MANHOLE	EXISTING STORM SEWER	RT DITCH PROFILE	
PROPOSED CATCH BASIN	PROPOSED STORM SEWER	LT DITCH PROFILE	
PROPOSED DRY WELL	PROPOSED UNDERDRAIN	(XX) PROPOSED PIPE	
PROPOSED CULVERT END SECTION	PROPOSED SUMMIT	△XX PROPOSED STR.	
PROPOSED PAVED DITCH	PROPOSED SWALE		



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	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

PROPOSED DRAINAGE
U.S. ROUTE 14 PLAN & PROFILE
STA. 432+50 TO STA. 446+00

SCALE: HORIZ. 1''=50' VERT. 1''=5' STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	259
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO. — BY — DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTAT'NS CH'KD, NOTE BOOK, NO. — BY — DATE

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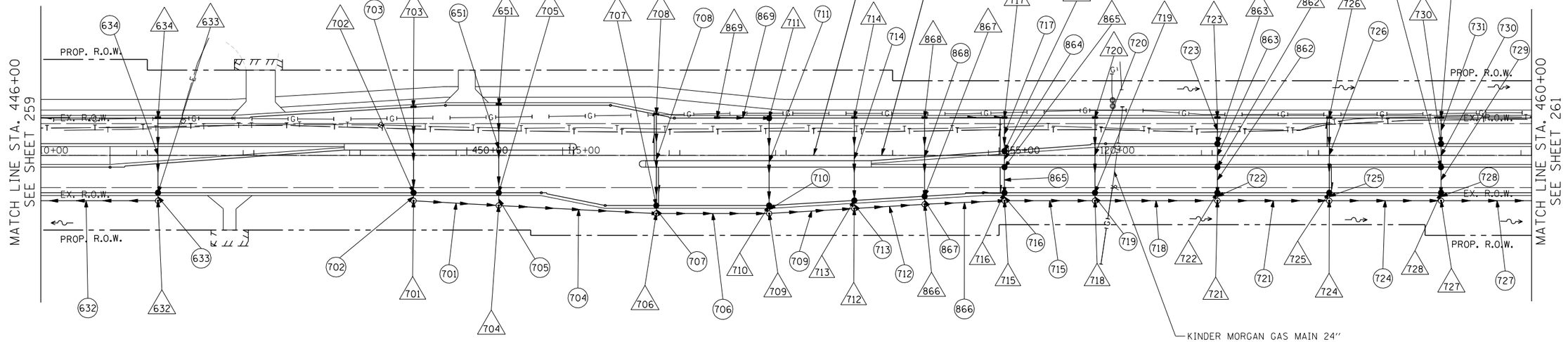
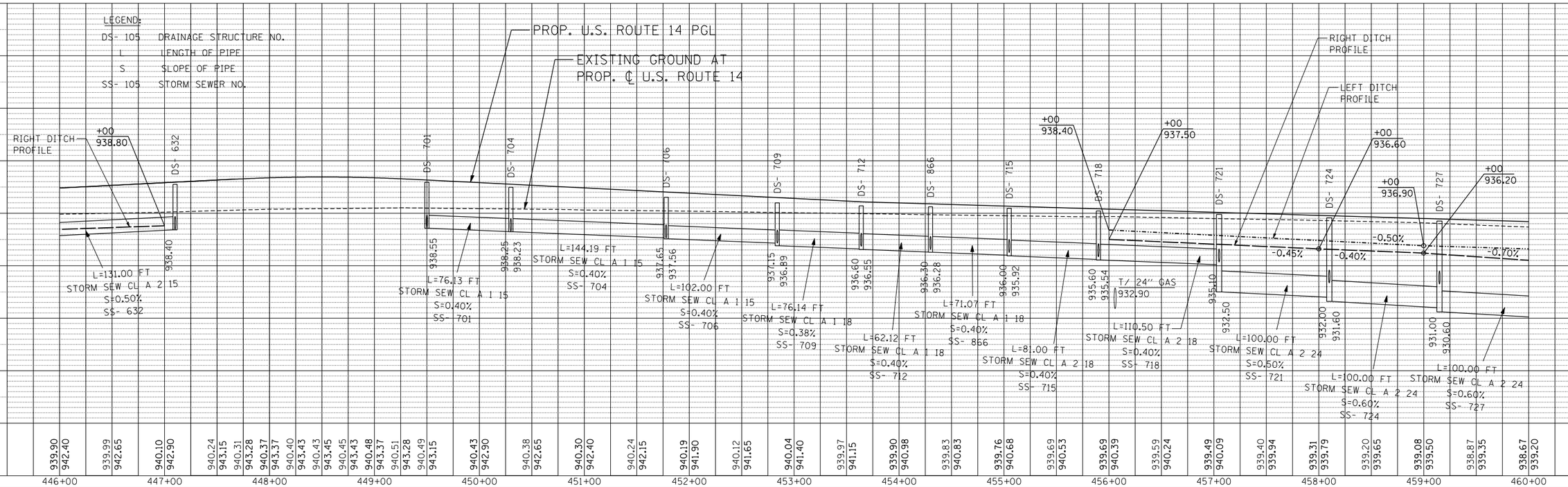
DRAINAGE LEGEND

- PROPOSED INLET
- PROPOSED MANHOLE
- PROPOSED CATCH BASIN
- PROPOSED DRY WELL
- PROPOSED CULVERT END SECTION
- PROPOSED PAVED DITCH
- EXISTING CULVERT
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- PROPOSED UNDERDRAIN
- PROPOSED SUMMIT
- PROPOSED SWALE
- PROPOSED DITCH
- RT DITCH PROFILE
- LT DITCH PROFILE
- PROPOSED PIPE
- PROPOSED STR.
- WETLAND IMPACTS





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	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

PROPOSED DRAINAGE
U.S. ROUTE 14 PLAN & PROFILE
STA. 446+00 TO STA. 460+00

SCALE: HORIZ. 1"=50' VERT. 1"=5' STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	260
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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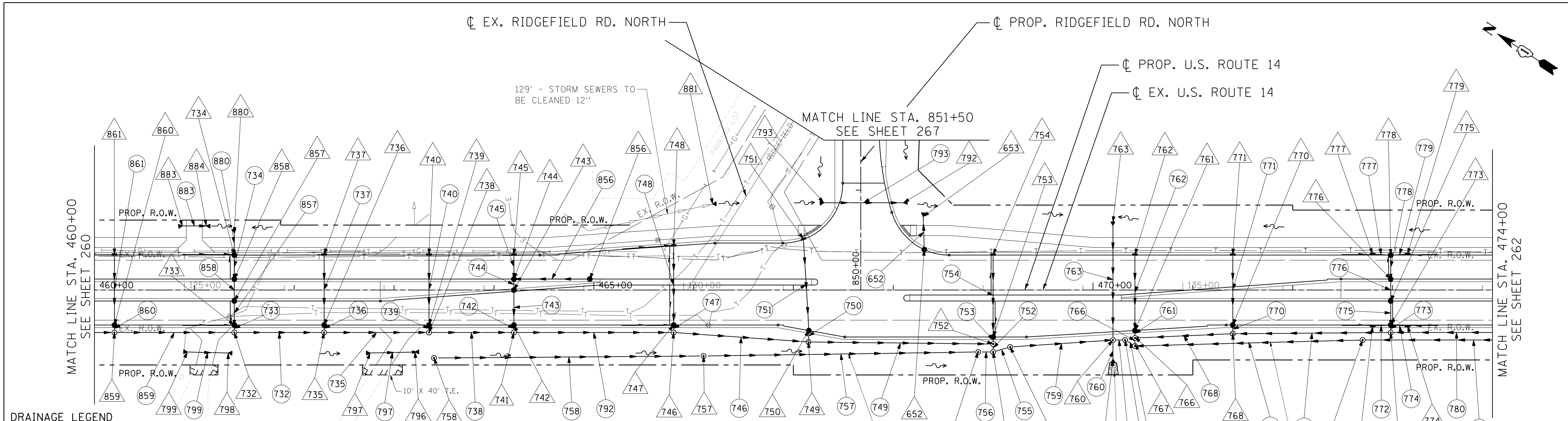
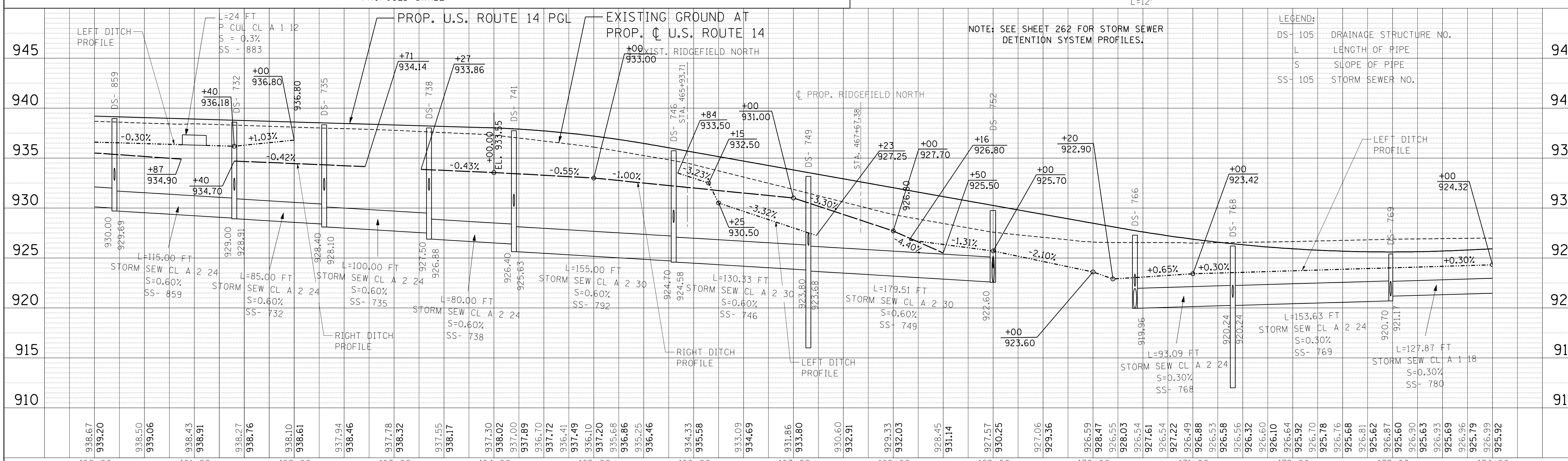


DRAINAGE LEGEND

Symbol	Description
▬	PROPOSED INLET
◉	PROPOSED MANHOLE
●	PROPOSED CATCH BASIN
⊗	PROPOSED DRY WELL
▶	PROPOSED CULVERT END SECTION
	PROPOSED PAVED DITCH
	EXISTING CULVERT
	EXISTING STORM SEWER
	PROPOSED STORM SEWER
	PROPOSED UNDERDRAIN
	PROPOSED SUMMIT
	PROPOSED SWALE
	PROPOSED DITCH
	RT DITCH PROFILE
	LT DITCH PROFILE
(XX)	PROPOSED PIPE
△XX	PROPOSED STR.
	WETLAND IMPACTS



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BUILDINGS•EARTH & ENVIRONMENT•ENERGY INDUSTRIAL•INFRASTRUCTURE•SUSTAINABILITY	PLOT DATE = $DATE$	CHECKED - TKL	REVISED -
		DATE - 11/01/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

PROPOSED DRAINAGE
U.S. ROUTE 14 PLAN & PROFILE
STA. 460+00 TO STA. 474+00

SCALE: HORIZ. 1"=50' VERT. 1"=5' STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	261
		CONTRACT NO. 62268		

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

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℄ EX. RIDGEFIELD RD. NORTH

℄ PROP. RIDGEFIELD RD. NORTH

℄ PROP. U.S. ROUTE 14

℄ EX. U.S. ROUTE 14

MATCH LINE STA. 851+50
SEE SHEET 267

MATCH LINE STA. 460+00
SEE SHEET 261

MATCH LINE STA. 474+00
SEE SHEET 263

PROP. R.O.W.

EX. R.O.W.

PARKING LOT

RIDGEFIELD

460+00 | 125+00 | 465+00 | 130+00 | 850+00 | 470+00 | 135+00

10' X 40' T.E.

STORM SEWER SYSTEM FOR DETENTION

STORM SEWER SYSTEM FOR DETENTION

DRAINAGE LEGEND

- PROPOSED INLET
- PROPOSED MANHOLE
- PROPOSED CATCH BASIN
- PROPOSED DRY WELL
- PROPOSED CULVERT END SECTION
- PROPOSED PAVED DITCH
- EXISTING CULVERT
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- PROPOSED UNDERDRAIN
- PROPOSED SUMMIT
- PROPOSED SWALE
- PROPOSED DITCH
- RT DITCH PROFILE
- LT DITCH PROFILE
- PROPOSED PIPE
- XX / XX PROPOSED STR.
- WETLAND IMPACTS

PROP. U.S. ROUTE 14 PGL

EXISTING GROUND AT PROP. ℄ U.S. ROUTE 14

℄ EXIST. RIDGEFIELD NORTH

℄ PROP. RIDGEFIELD NORTH

STA. 465+93.71

STA. 467+67.38

DS- 758

DS- 757

DS- 756

DS- 755

DS- 759

DS- 760

DS- 765

DS- 767

DS- 790

L=262.01 FT
SS CL A 2 EORS 48
S=0.35%
SS- 758

L=267.03 FT
SS CL A 2 EORS 48
S=0.35%
SS- 757

L=97.28 FT
STORM SEW CL A 2 30
S=1.00%
SS- 759

L=5.19 FT
STORM SEW CL A 2 24
S=0.30%
SS- 767

L=8.00 FT
STORM SEW CL A 2 30
S=0.35%
SS- 756

L=11.68 FT
STORM SEW CL A 2 30
S=0.35%
SS- 755

L=6.09 FT
STORM SEW CL A 2 24
S=0.30%
SS- 765

L=223.03 FT
SS CL A 2 EORS 30
S=0.25%
SS- 790

L=217.00 FT
SS CL A 2 EORS 30
S=0.25%
SS- 791

LEGEND:
DS- 105 DRAINAGE STRUCTURE NO.
L LENGTH OF PIPE
S SLOPE OF PIPE
SS- 105 STORM SEWER NO.

945	940	935	930	925	920	915	910

460+00	461+00	462+00	463+00	464+00	465+00	466+00	467+00	468+00	469+00	470+00	471+00	472+00	473+00	474+00
938.67 / 939.20	938.50 / 939.06	938.43 / 938.91	938.27 / 938.76	938.10 / 938.61	937.94 / 938.46	937.78 / 938.32	937.55 / 938.17	937.30 / 938.02	937.00 / 937.89	936.70 / 936.72	936.41 / 937.49	936.10 / 937.20	935.68 / 936.86	935.25 / 936.46	934.33 / 935.58	933.09 / 934.69	931.86 / 933.80	930.60 / 932.91	929.33 / 932.03	928.45 / 931.14	927.57 / 930.25	927.06 / 929.36	926.59 / 928.47	926.55 / 928.03	926.54 / 927.61	926.54 / 927.22	926.49 / 926.88	926.53 / 926.58	926.56 / 926.32	926.60 / 926.10	926.64 / 925.92	925.70 / 925.78	926.76 / 925.68	926.81 / 925.62	926.87 / 925.60	926.90 / 925.63	926.93 / 925.69	926.96 / 925.79	926.99 / 925.92

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exp U.S. Services Inc. Chicago, IL BUILDINGS · EARTH & ENVIRONMENT · ENERGY INDUSTRIAL · INFRASTRUCTURE · SUSTAINABILITY	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

PROPOSED DRAINAGE
U.S. ROUTE 14 PLAN & PROFILE – SS DETENTION
STA. 460+00 TO STA. 474+00

SCALE: HORIZ. 1"=50' VERT. 1"=5' STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	262
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK / NO. / BY / DATE

PROFILE — SURVEYED / PLOTTED / PROFILE CHECKED / R.W. NOTED / STRUCTURE NOTATNS CHKD / NOTE BOOK / NO. / BY / DATE

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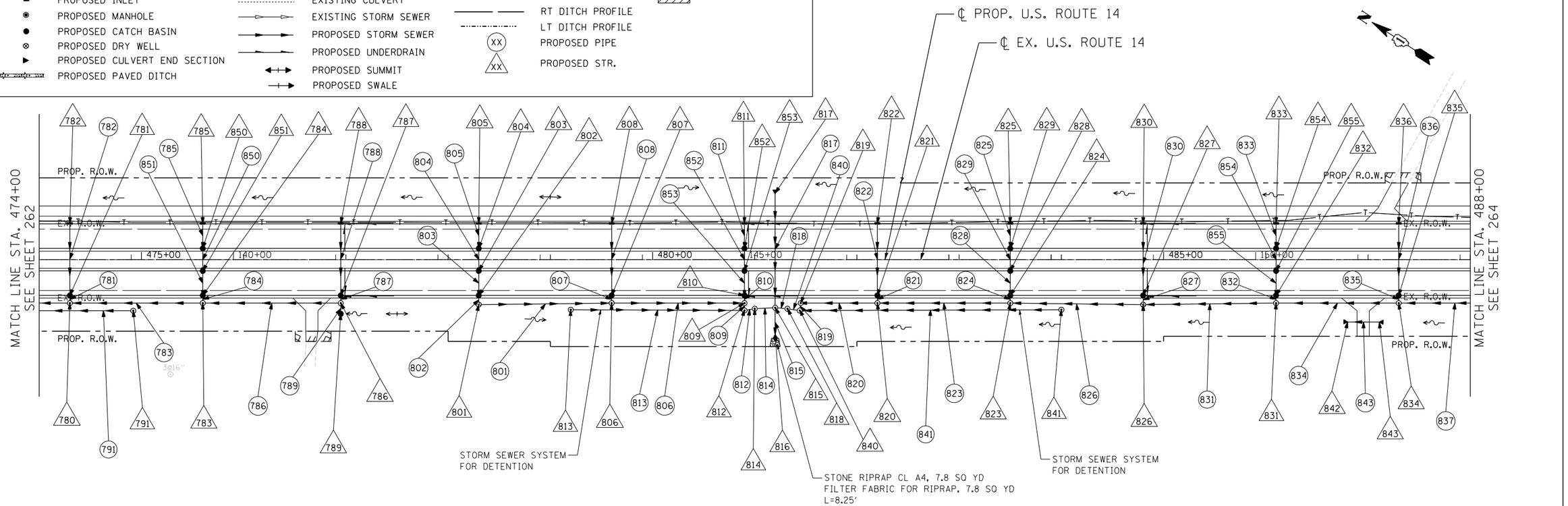
DRAINAGE LEGEND

- PROPOSED INLET
- PROPOSED MANHOLE
- PROPOSED CATCH BASIN
- PROPOSED DRY WELL
- PROPOSED CULVERT END SECTION
- PROPOSED PAVED DITCH
- EXISTING CULVERT
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- PROPOSED UNDERDRAIN
- PROPOSED SUMMIT
- PROPOSED SWALE
- PROPOSED DITCH
- RT DITCH PROFILE
- LT DITCH PROFILE
- PROPOSED PIPE
- PROPOSED STR.
- WETLAND IMPACTS

PLAN — SURVEYED — DATE — BY — PLOTTED — ALIGNMENT CHECKED — RT. OF WAY CHECKED — NOTE BOOK — CADD FILE NAME — NO.



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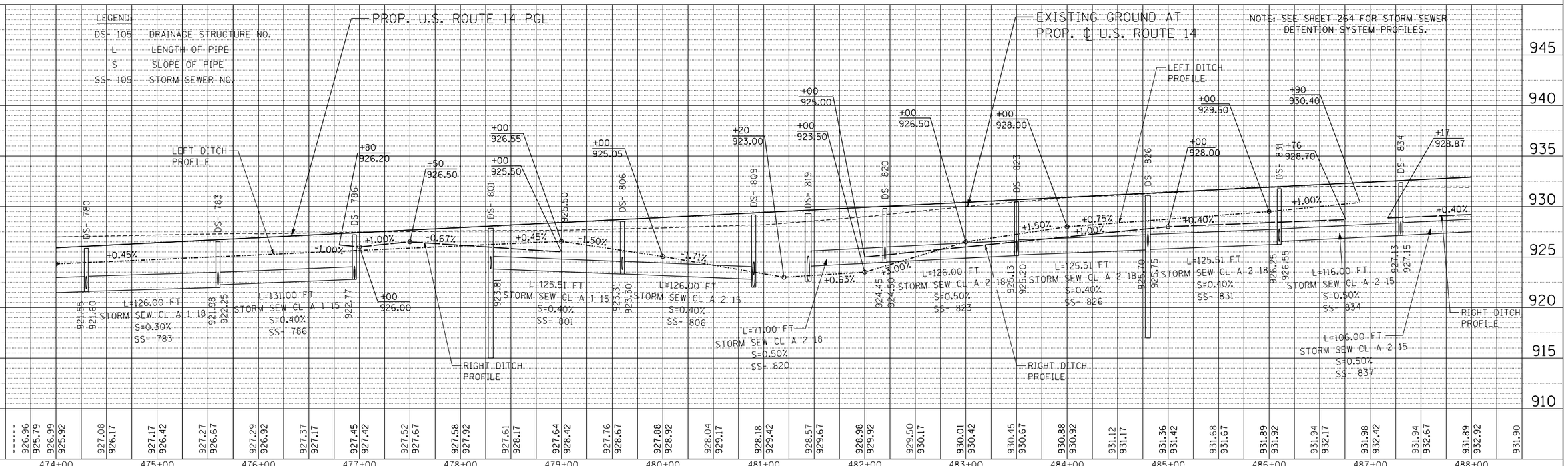

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exp U.S. Services Inc. Chicago, IL BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

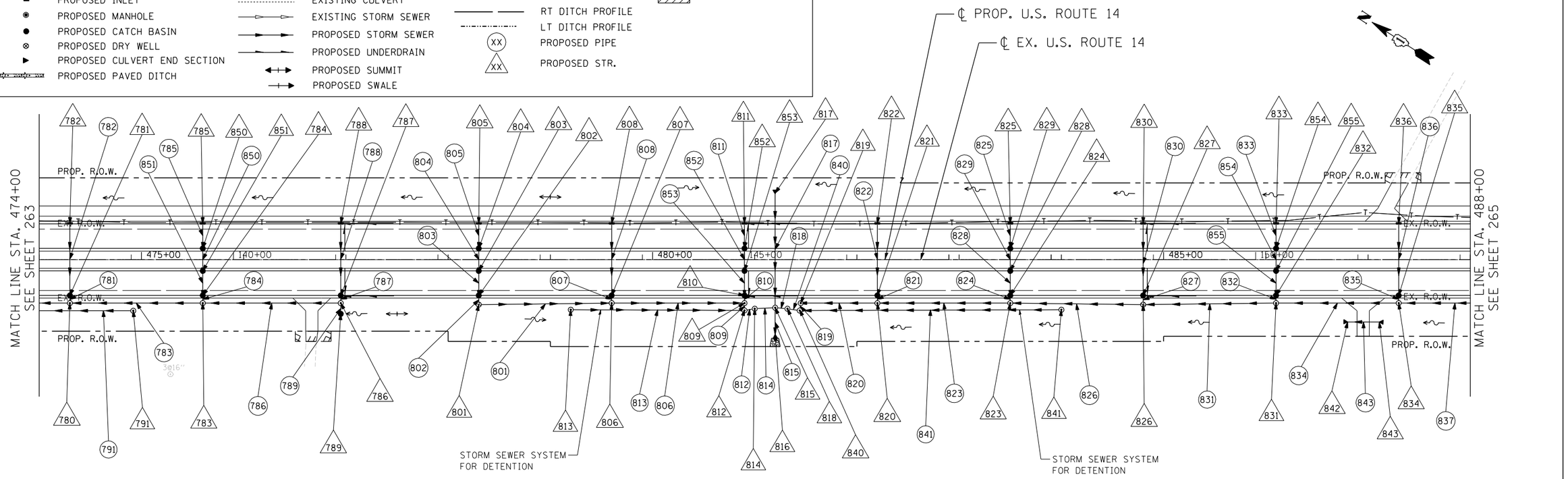
PROPOSED DRAINAGE
U.S. ROUTE 14 PLAN & PROFILE
STA. 474+00 TO STA. 488+00
SCALE: HORIZ. 1"=50' VERT. 1"=5' STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	263
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

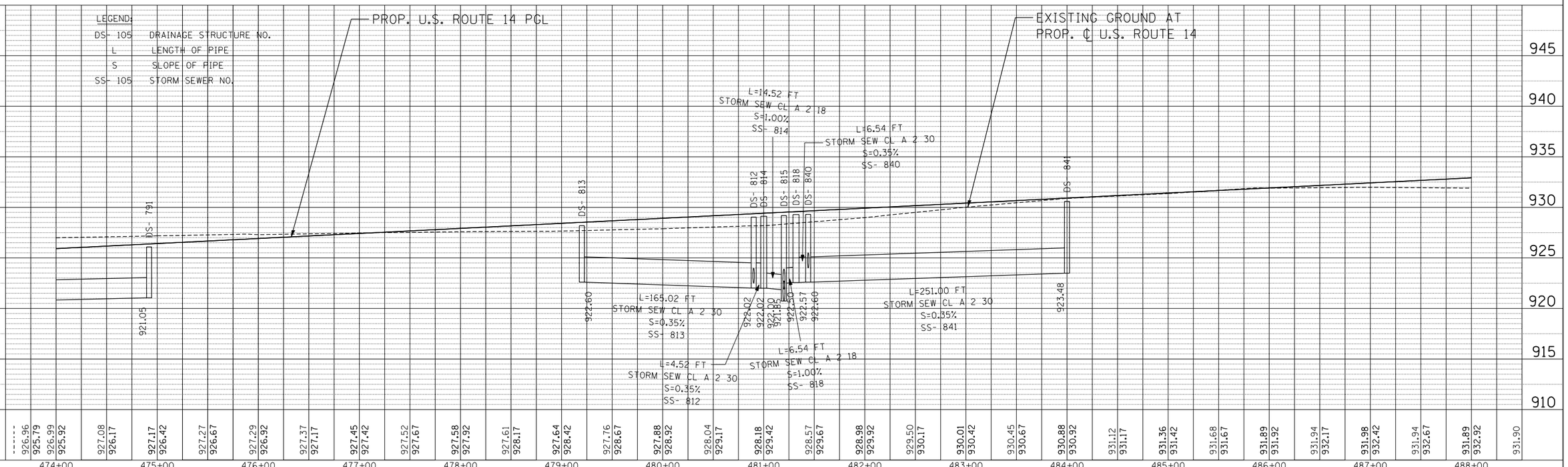
DRAINAGE LEGEND

- PROPOSED INLET
- PROPOSED MANHOLE
- PROPOSED CATCH BASIN
- PROPOSED DRY WELL
- PROPOSED CULVERT END SECTION
- PROPOSED PAVED DITCH
- EXISTING CULVERT
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- PROPOSED UNDERDRAIN
- PROPOSED SUMMIT
- PROPOSED SWALE
- PROPOSED DITCH
- RT DITCH PROFILE
- LT DITCH PROFILE
- PROPOSED PIPE
- PROPOSED STR.
- WETLAND IMPACTS

PLAN — SURVEYED, PLOTTED, CROSS CHECKED, R/T. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO. ____, BY, DATE



PROFILE — SURVEYED, PLOTTED, CROSS CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO. ____, BY, DATE



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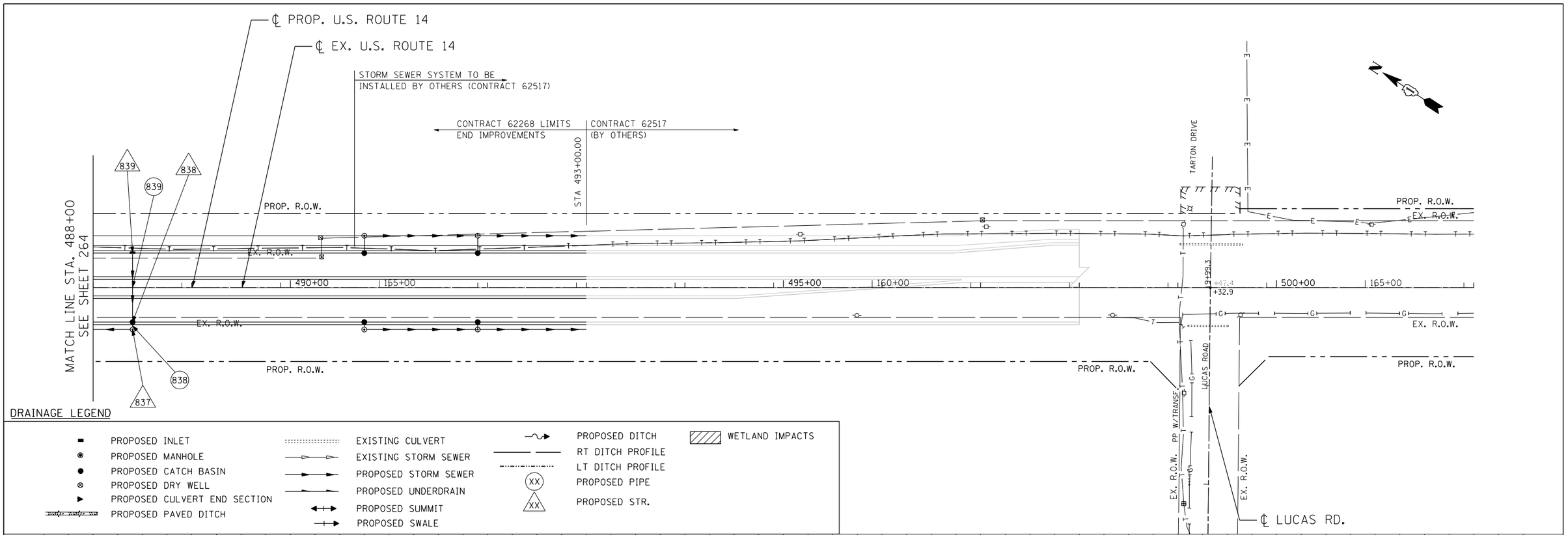
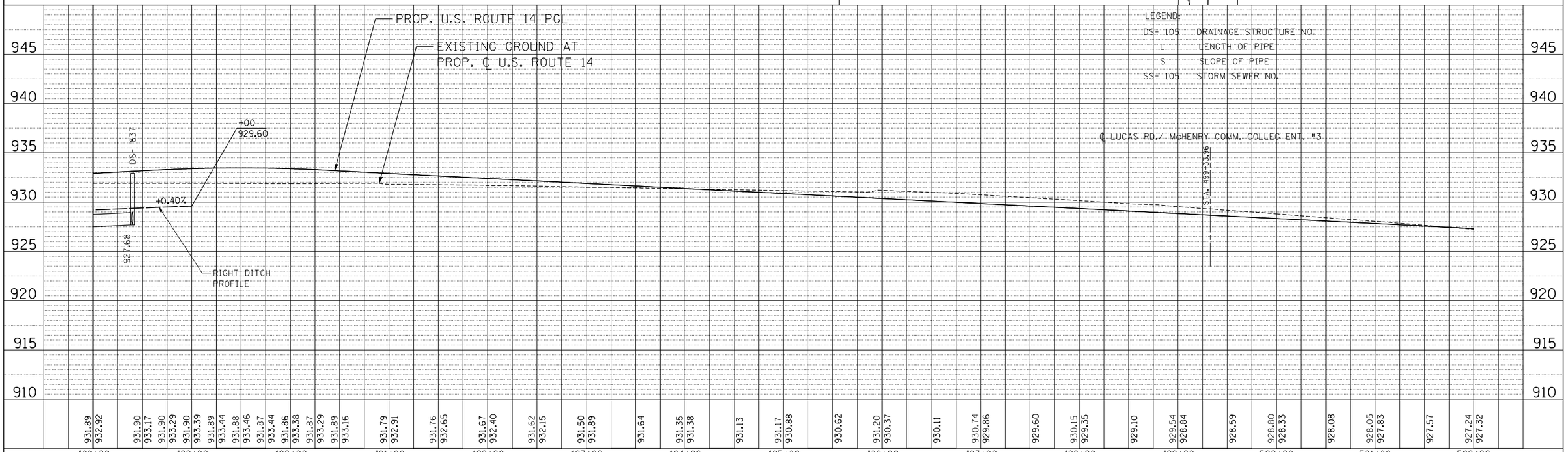
exp U.S. Services Inc. Chicago, IL BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

PROPOSED DRAINAGE
U.S. ROUTE 14 PLAN & PROFILE – SS DETENTION
STA. 474+00 TO STA. 488+00
SCALE: HORIZ. 1"=50' VERT. 1"=5' STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	264
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		





PLAN: SURVEYED | PLOTTED | ADJACENT CHECKED | RT. OF WAY CHECKED | CADD FILE NAME | NOTE BOOK | NO. | BY | DATE

PROFILE: SURVEYED | PLOTTED | DES. CHECKED | H.W. NOTED | STRUCTURE NOTATNS CHKD | NOTE BOOK | NO. | BY | DATE

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		DRAWN - MRK	REVISED -
exp U.S. Services Inc. Chicago, IL BUILDINGS · EARTH & ENVIRONMENT · ENERGY INDUSTRIAL · INFRASTRUCTURE · SUSTAINABILITY	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

PROPOSED DRAINAGE
U.S. ROUTE 14 PLAN & PROFILE
STA. 488+00 TO STA. 502+00

SCALE: HORIZ. 1"=50' VERT. 1"=5' STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	265
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

PLAN
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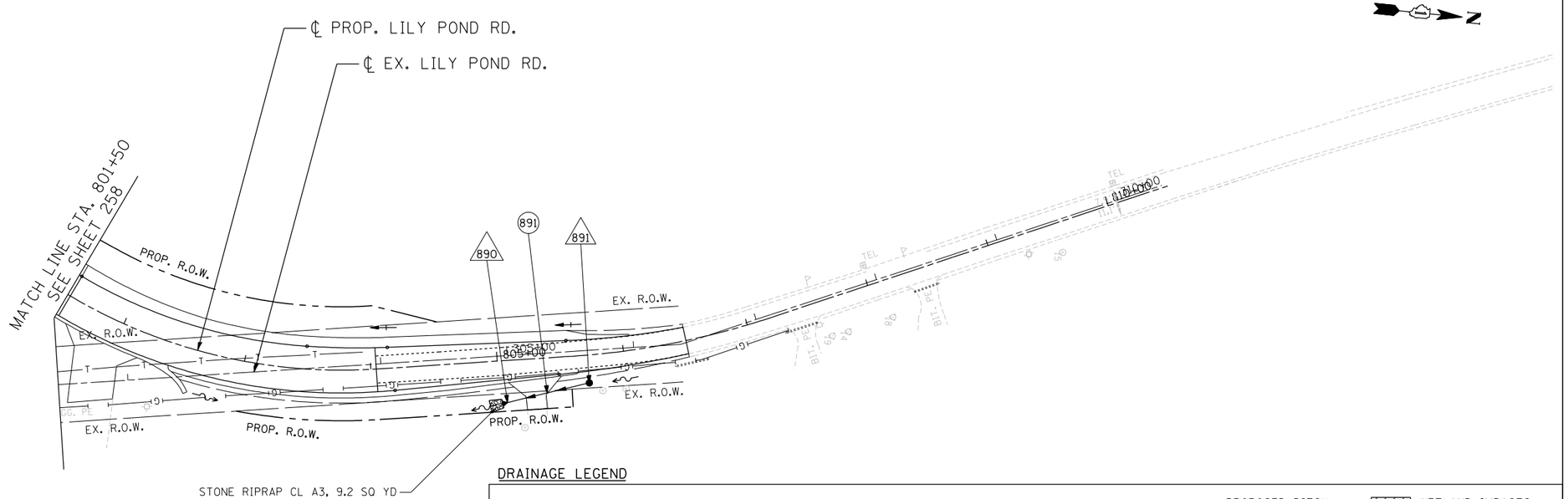
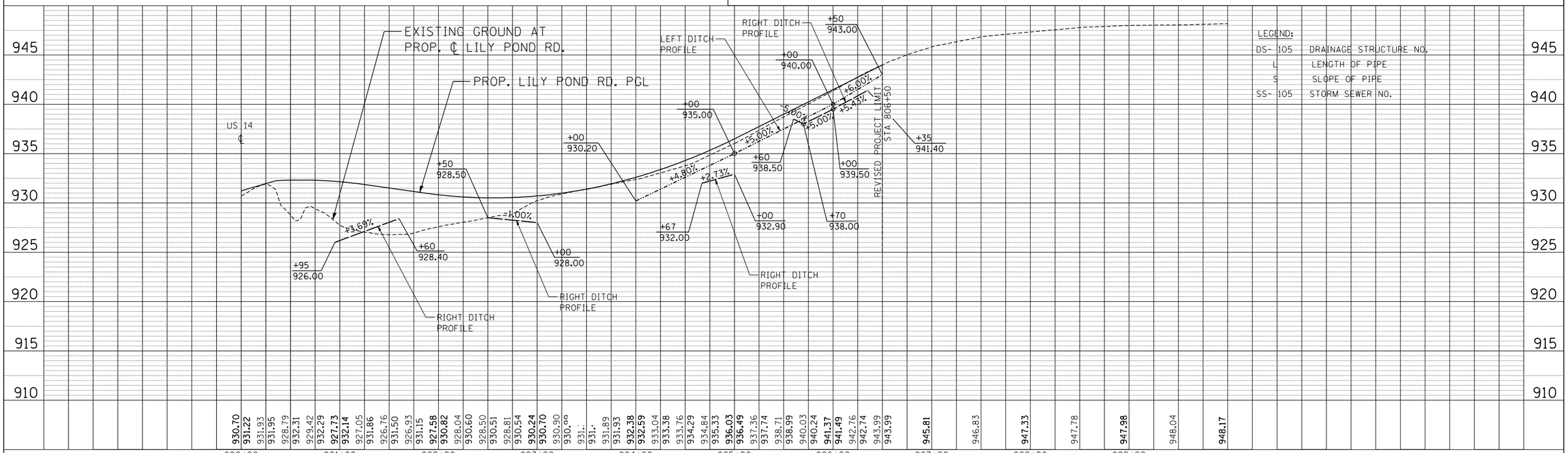
PLOTTED
ROADWAY CHECKED
R/T. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
ROADWAY CHECKED
S.M. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE



DRAINAGE LEGEND

- PROPOSED INLET
- PROPOSED MANHOLE
- PROPOSED CATCH BASIN
- PROPOSED DRY WELL
- PROPOSED CULVERT END SECTION
- PROPOSED PAVED DITCH
- EXISTING CULVERT
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- PROPOSED UNDERDRAIN
- PROPOSED SUMMIT
- PROPOSED SWALE
- PROPOSED DITCH
- RT DITCH PROFILE
- LT DITCH PROFILE
- PROPOSED PIPE
- PROPOSED STR.
- WETLAND IMPACTS



LEGEND:
DS- 105 DRAINAGE STRUCTURE NO.
L LENGTH OF PIPE
S SLOPE OF PIPE
SS- 105 STORM SEWER NO.

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FILE NAME = $FILEL$	USER NAME = HECHTBR	DESIGNED -	REVISED -
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exp U.S. Services Inc. Chicago, IL BUILDINGS·EARTH & ENVIRONMENT·ENERGY INDUSTRIAL·INFRASTRUCTURE·SUSTAINABILITY	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

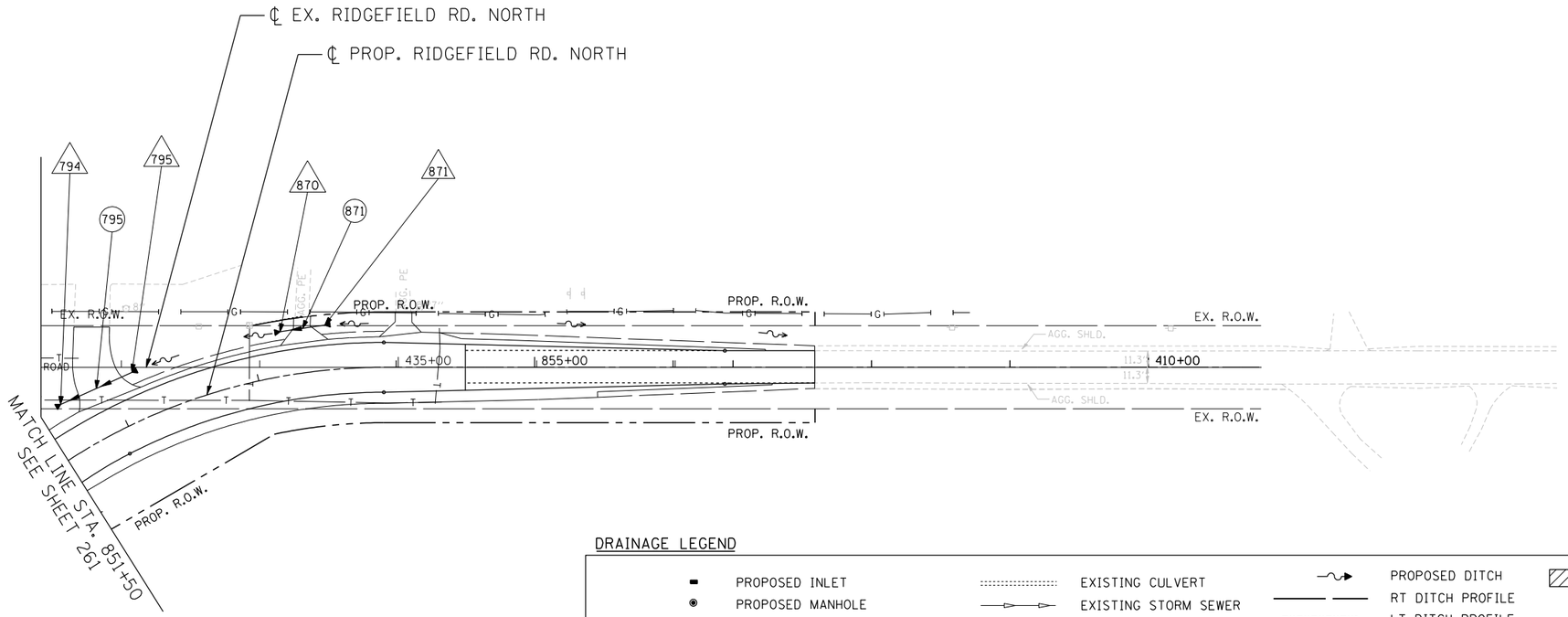
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

PROPOSED DRAINAGE
LILY POND ROAD PLAN & PROFILE
STA. 801+50 TO STA. 806+50

SCALE: HORIZ. 1"=50' VERT. 1"=5' STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	266
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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



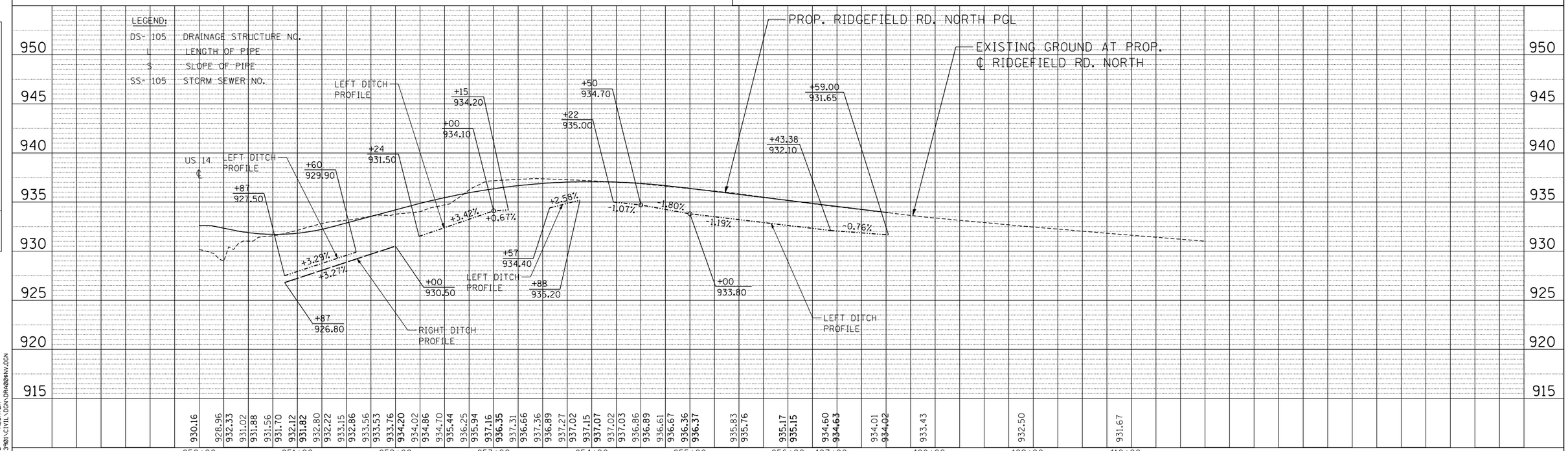
N

DRAINAGE LEGEND

- PROPOSED INLET
- PROPOSED MANHOLE
- PROPOSED CATCH BASIN
- PROPOSED DRY WELL
- PROPOSED CULVERT END SECTION
- PROPOSED PAVED DITCH
- EXISTING CULVERT
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- PROPOSED UNDERDRAIN
- PROPOSED SUMMIT
- PROPOSED SWALE
- PROPOSED DITCH
- RT DITCH PROFILE
- LT DITCH PROFILE
- PROPOSED PIPE
- PROPOSED STR.
- WETLAND IMPACTS

PROFILE
SURVEYED
PLOTTED
ADJACENT CHECKED
RT. OF WAY CHECKED
NOTE BOOK
NO.
BY
DATE

LEGEND:
DS- 105 DRAINAGE STRUCTURE NO.
L LENGTH OF PIPE
S SLOPE OF PIPE
SS- 105 STORM SEWER NO.



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	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

exp U.S. Services Inc. Chicago, IL
BUILDINGS · EARTH & ENVIRONMENT · ENERGY
INDUSTRIAL · INFRASTRUCTURE · SUSTAINABILITY

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

PROPOSED DRAINAGE
RIDGEFIELD ROAD NORTH PLAN & PROFILE
STA. 851+50 TO STA. 857+00

SCALE: HORIZ. 1"=50' VERT. 1"=5' STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	267
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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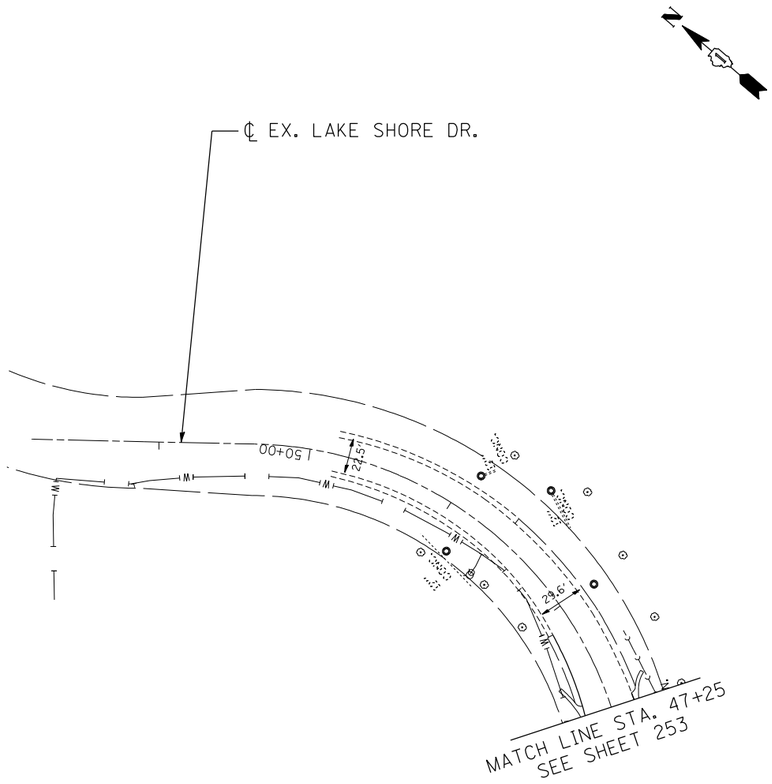

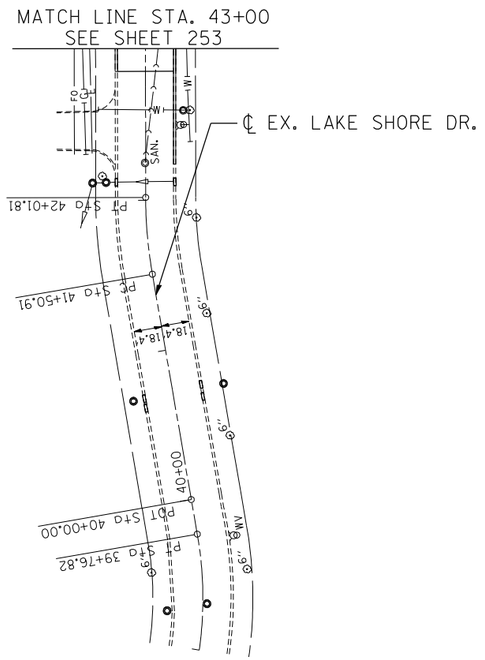

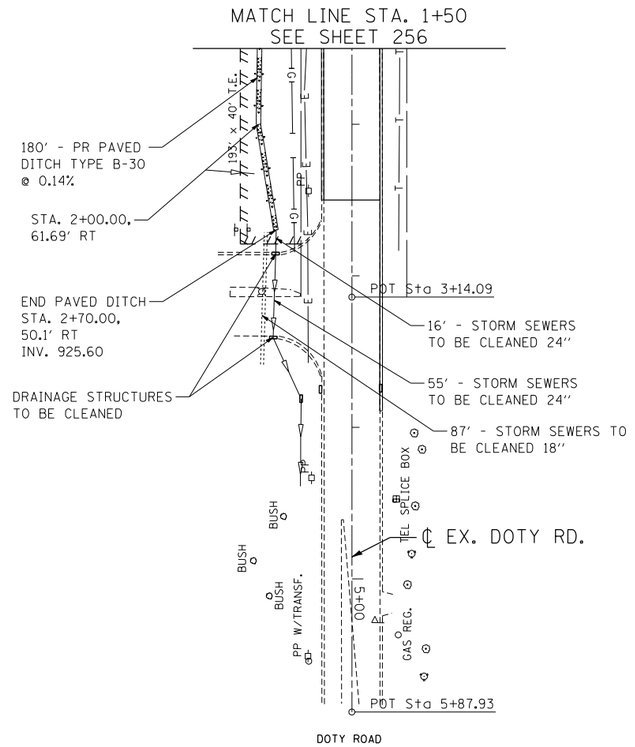

N

DRAINAGE LEGEND

- PROPOSED INLET
- PROPOSED MANHOLE
- PROPOSED CATCH BASIN
- PROPOSED DRY WELL
- PROPOSED CULVERT END SECTION
- PROPOSED PAVED DITCH
- EXISTING CULVERT
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- PROPOSED UNDERDRAIN
- PROPOSED SUMMIT
- PROPOSED SWALE
- PROPOSED DITCH
- RT DITCH PROFILE
- LT DITCH PROFILE
- PROPOSED PIPE
- PROPOSED STR.
- WETLAND IMPACTS

FILE NAME = $FILEL$	USER NAME = HECHTBR	DESIGNED -	REVISED -
		DRAWN - MRK	REVISED -
exp U.S. Services Inc. Chicago, IL BUILDINGS·EARTH & ENVIRONMENT·ENERGY INDUSTRIAL·INFRASTRUCTURE·SUSTAINABILITY	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

PROPOSED DRAINAGE
U.S. ROUTE 14 PLAN & PROFILE
LAKE SHORE DRIVE & DOTY ROAD

SCALE: 1"=50' | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	268
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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PLAN

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NOTE BOOK	
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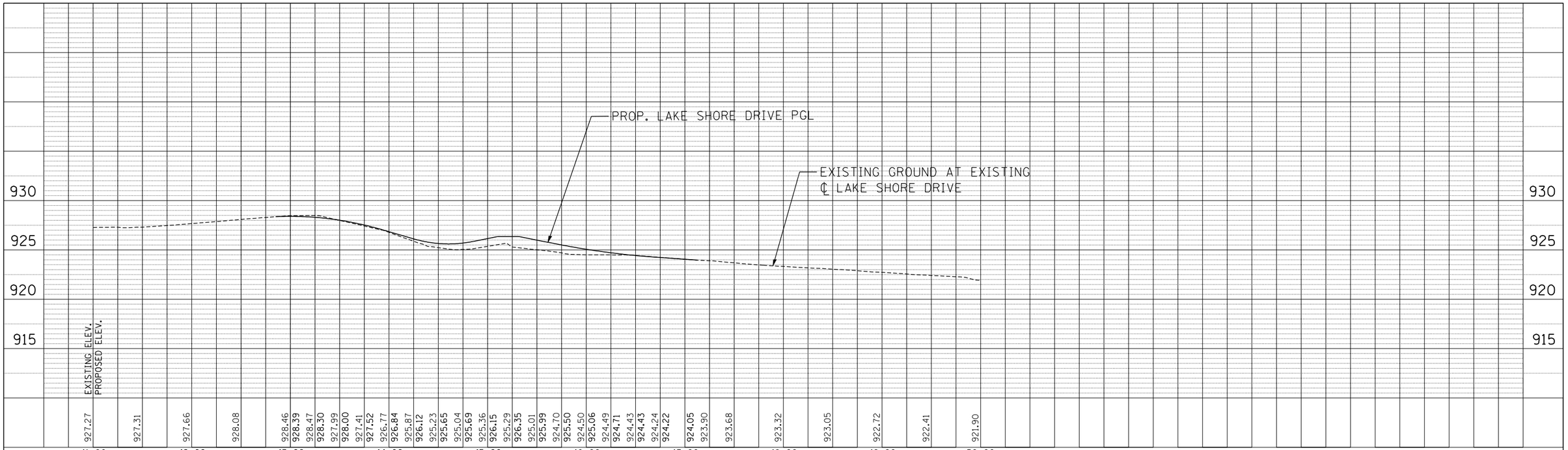
BY	DATE



PROFILE

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CROSS CHECKED	
B.M. NOTED	
STRUCTURE NOTAT'NS CHKD	
NOTE BOOK	
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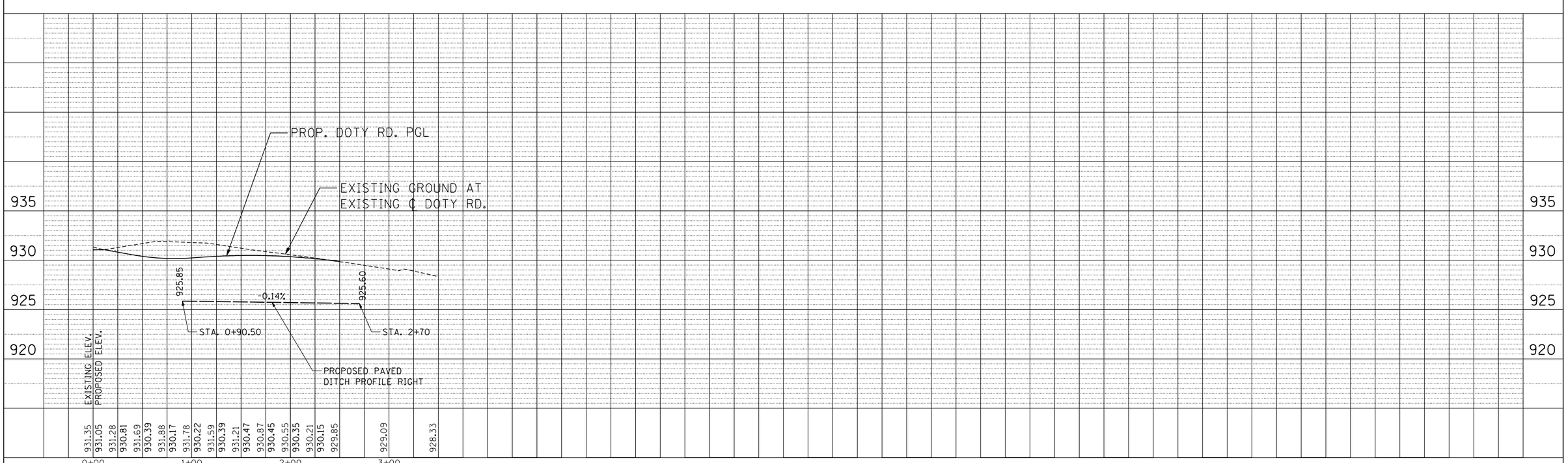
BY	DATE



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exp U.S. Services Inc. Chicago, IL BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

PROPOSED DRAINAGE PROFILES
LAKE SHORE DRIVE & DOTY ROAD

SCALE: HORIZ. 1"=50' VERT. 1"=5' STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	269
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NO.	STRUCTURE DESCRIPTION	CENTERLINE			PROPOSED RIM ELEVATION	INVERTS				PIPE CONNECTIONS (Pipe No. - Pipe Size)				SHEET NO.	INLET FILTER	UNDERDRAIN CONNECTION	STRUCTURE TOP SLAB
		STATION	OFFSET	DIR.		NORTH	SOUTH	EAST	WEST	NORTH	SOUTH	EAST	WEST				
101	PRC FLAR END SEC 30	330+06	68.4	RT	--	932.96	--	--	--	101 - DIA 30"	--	--	--	250	--	--	--
102	CB TA 5 DIA T24F&G	330+06	18.1	RT	939.93	933.52	933.34	--	935.55	102 - DIA 30"	101 - DIA 30"	--	155 - DIA 15"	250	YES	--	FLAT
103	CB TA 5 DIA T3F&G	330+06	7.1	LT	940.06	933.80	933.68	935.55	934.70	103 - DIA 30"	102 - DIA 30"	111 - DIA 15"	110 - DIA 15"	250	YES	YES	FLAT
104	MAN TA 5 DIA T24F&G	330+06	54.0	LT	940.55	936.85	934.14	--	--	157 - DIA 12"	103 - DIA 30"	--	--	250	--	YES	FLAT
105	MAN TA 5 DIA T1F CL	330+06	63.0	LT	940.69	--	934.17	934.40	934.20	--	104 - DIA 30"	106 - DIA 15"	105 - DIA 24"	250	--	--	FLAT
106	CB TA 4 DIA T8G	331+00	61.8	LT	938.89	--	935.25	--	935.12	--	115 - DIA 15"	--	106 - DIA 15"	250	--	--	FLAT
107	CB TA 5 DIA T1F CL	328+10	60.1	LT	941.13	936.50	937.65	934.98	935.00	112 - DIA 18"	109 - DIA 15	105 - DIA 24"	107 - DIA 18"	250	--	--	FLAT
108	MAN TA 4 DIA T1F OL	325+50	82.0	LT	940.60	935.80	935.77	--	--	EP - DIA 15"	160 - DIA 18"	--	--	250	--	--	FLAT
110	CB TA 4 DIA T24F&G	329+75	4.4	LT	940.04	--	--	934.86	934.87	--	--	110 - DIA 15"	153 - DIA 15"	250	YES	--	TAPERED
111	INLETS TB T24F&G	330+30	9.0	LT	940.12	--	--	--	935.75	--	--	--	111 - DIA 15"	250	YES	--	FLAT
112	PRC FLAR END SEC 18	328+10	85.6	LT	--	--	936.68	--	--	--	112 - DIA 18"	--	--	250	--	--	--
113	CB TA 4 DIA T24F&G	328+40	5.3	RT	940.29	--	--	935.45	935.46	--	--	113 - DIA 15"	152 - DIA 15"	250	YES	--	FLAT
114	CB TA 4 DIA T1F OL	326+65	9.7	LT	941.06	--	936.17	--	936.23	--	114 - DIA 15"	--	EP - DIA 12"	250	YES	--	FLAT
115	CB TA 4 DIA T24F&G	331+06	16.7	LT	940.57	935.50	--	--	--	115 - DIA 15"	--	--	--	250	YES	--	FLAT
116	CB TA 4 DIA T24F&G	333+60	14.4	LT	942.28	935.75	--	--	935.06	117 - DIA 15"	--	--	116 - DIA 15"	250	YES	--	TAPERED
117	CB TA 4 DIA T8G	333+57	59.2	LT	940.48	--	936.00	936.50	--	--	117 - DIA 15"	159 - DIA 12"	--	250	--	--	FLAT
118	INLETS TB T8G	332+25	60.6	LT	939.59	--	934.16	--	--	--	119 - DIA 15"	--	--	250	--	--	FLAT
119	CB TA 4 DIA T24F&G	332+25	15.6	LT	941.37	933.75	933.54	933.75	--	119 - DIA 15"	120 - DIA 15"	116 - DIA 15"	--	250	YES	YES	TAPERED
120	CB TA 4 DIA T24F&G	332+25	17.2	RT	941.37	933.25	932.70	--	--	120 - DIA 15"	121 - DIA 15"	--	--	250	YES	--	TAPERED
121	PRC FLAR END SEC 15	332+25	79.0	RT	--	932.10	--	--	--	121 - DIA 15"	--	--	--	250	--	--	--
122	PRC FLAR END SEC 24	336+90	91.4	RT	--	--	--	930.03	--	--	--	122 - DIA 24"	--	251	--	--	--
123	CB TA 5 DIA T24F&G	336+90	48.5	RT	941.38	--	--	931.00	930.43	--	--	123 - DIA 24"	122 - DIA 24"	251	YES	--	TAPERED
125	MAN TA 5 DIA T1F CL	336+90	5.0	LT	942.85	--	932.00	932.75	931.48	--	125 - DIA 24"	126 - DIA 15"	123 - DIA 24"	251	--	--	TAPERED
126	CB TA 4 DIA T24F&G	336+90	12.2	LT	942.28	936.75	--	934.75	932.78	156 - DIA 15"	--	127 - DIA 15"	126 - DIA 15"	251	YES	--	TAPERED
127	INLETS TB T8G	336+90	56.6	LT	940.58	--	--	--	935.16	--	--	--	127 - DIA 15"	251	--	--	FLAT
128	MAN TA 5 DIA T1F CL	338+50	4.2	LT	942.26	933.55	934.50	935.05	--	125 - DIA 24"	128 - DIA 18"	129 - DIA 15"	--	251	--	--	TAPERED
129	CB TA 4 DIA T3F&G	338+50	11.5	LT	941.69	935.75	935.75	935.35	935.08	148 - DIA 15"	147 - DIA 15"	130 - DIA 15"	129 - DIA 15"	251	YES	YES	TAPERED
130	INLETS TB T8G	338+50	57.0	LT	939.70	--	--	--	935.77	--	--	--	130 - DIA 15"	251	--	--	FLAT
131	CB TA 4 DIA T3F&G	338+50	14.3	RT	941.69	--	--	--	935.05	--	--	--	136 - DIA 15"	251	YES	--	TAPERED
132	MAN TA 4 DIA T1F CL	340+20	3.6	LT	942.90	936.16	936.55	936.55	938.65	128 - DIA 18"	132 - DIA 15"	133 - DIA 15"	135 - DIA 12"	251	--	--	FLAT
133	CB TA 4 DIA T24F&G	340+20	11.0	LT	942.33	--	--	936.75	936.58	--	--	134 - DIA 15"	133 - DIA 15"	251	YES	--	TAPERED
134	INLETS TB T8G	340+20	56.1	LT	940.55	--	--	--	937.00	--	--	--	134 - DIA 15"	251	--	--	FLAT
135	INLETS TA T24F&G	340+20	12.5	RT	942.33	--	--	938.78	--	--	--	135 - DIA 12"	--	251	YES	--	--
136	CB TA 4 DIA T3F&G	338+50	48.3	RT	940.78	933.75	933.75	934.75	932.50	138 - DIA 15"	137 - DIA 15"	136 - DIA 15"	139 - DIA 18"	251	YES	YES	TAPERED
137	CB TA 4 DIA T24F&G	338+70	48.2	RT	940.79	933.91	--	--	--	137 - DIA 15"	--	--	--	251	YES	--	TAPERED
138	CB TA 4 DIA T24F&G	338+30	48.4	RT	940.79	--	933.91	--	--	--	138 - DIA 15"	--	--	251	YES	--	TAPERED
139	PRC FLAR END SEC 18	338+50	80.6	RT	--	--	--	932.20	--	--	--	139 - DIA 18"	--	251	--	--	--
140	MAN TA 4 DIA T1F CL	341+50	3.0	LT	943.55	937.56	937.75	937.75	--	132 - DIA 15"	146 - DIA 15"	140 - DIA 15"	--	251	--	--	TAPERED
141	INLETS TA T24F&G	342+80	11.3	RT	943.63	--	--	940.07	--	--	--	141 - DIA 12"	--	251	YES	--	--
142	CB TA 4 DIA T24F&G	341+50	10.8	LT	942.98	--	--	937.95	937.79	--	--	142 - DIA 15"	140 - DIA 15"	251	YES	--	FLAT
143	INLETS TB T8G	341+50	56.1	LT	941.20	--	--	--	938.20	--	--	--	142 - DIA 15"	251	--	--	FLAT
144	CB TA 4 DIA T24F&G	342+80	10.7	LT	943.63	--	--	938.85	938.78	--	--	145 - DIA 15"	144 - DIA 15"	251	YES	--	FLAT
145	INLETS TB T8G	342+80	56.3	LT	941.85	--	--	--	939.10	--	--	--	145 - DIA 15"	251	--	--	FLAT
146	MAN TA 4 DIA T1F CL	342+80	3.5	LT	944.20	938.76	--	938.75	939.95	146 - DIA 15"	--	144 - DIA 15"	141 - DIA 12"	251	--	--	FLAT
147	CB TA 4 DIA T24F&G	338+80	11.4	LT	941.71	936.01	--	--	--	147 - DIA 15"	--	--	--	251	YES	--	TAPERED
148	CB TA 4 DIA T24F&G	338+20	11.6	LT	941.71	--	936.01	--	--	--	148 - DIA 15"	--	--	251	YES	--	TAPERED
150	CB TA 4 DIA T1F OL	326+90	9.0	RT	940.73	936.06	--	936.04	--	114 - DIA 15"	--	150 - DIA 15"	--	250	YES	--	FLAT
151	CB TA 4 DIA T1F OL	327+40	9.0	RT	940.56	--	--	935.84	935.86	--	--	151 - DIA 15"	150 - DIA 15"	250	YES	--	FLAT
152	CB TA 4 DIA T1F OL	327+90	7.9	RT	940.41	--	--	935.64	935.66	--	--	152 - DIA 15"	151 - DIA 15"	250	YES	--	FLAT
153	CB TA 4 DIA T24F&G	329+00	1.5	RT	940.16	--	--	935.23	935.23	--	--	153 - DIA 15"	113 - DIA 15"	250	YES	--	FLAT
154	INLETS TA T8G	334+25	87.0	LT	941.10	--	--	--	939.19	--	--	--	154 - DIA 12"	251	--	--	--
155	INLETS TB T24F&G	329+51	17.9	RT	939.77	--	--	936.06	--	--	--	155 - DIA 15"	--	250	YES	--	FLAT
156	INLETS TB T24F&G	336+55	11.9	LT	942.46	--	937.07	--	--	--	156 - DIA 15"	--	--	251	YES	--	FLAT
157	INLETS TA T3F&G	329+85	57.4	LT	940.54	--	937.03	--	--	--	157 - DIA 12"	--	--	250	YES	YES	--
159	MAN TA 4 DIA T1F CL	334+25	65.2	LT	942.80	--	--	939.00	937.02	--	--	154 - DIA 12"	159 - DIA 12"	251	--	--	FLAT
160	CB TA 4 DIA T24F&G	326+06	61.8	LT	941.50	935.60	--	935.60	--	160 - DIA 18"	--	107 - DIA 18"	--	250	YES	--	TAPERED
171	PRC FLAR END SEC 12	168+03	52.9	LT	--	--	--	936.32	--	--	--	171 - DIA 12"	--	250	--	--	--
201	CB TA 4 DIA T24F&G	346+00	11.0	LT	943.28	--	--	937.85	937.78	--	--	293 - DIA 15"	202 - DIA 15"	251	YES	--	TAPERED
202	MAN TA 4 DIA T1F CL	346+00	3.6	LT	943.85	--	937.21	937.75	--	--	203 - DIA 15"	202 - DIA 15"	--	251	--	--	TAPERED
203	CB TA 4 DIA T24F&G	348+50	4.2	LT	939.99	934.75	933.86	934.15	--	203 - DIA 15"	204 - DIA 18"	205 - DIA 15"	--	252	YES	--	TAPERED
204	CB TA 4 DIA T24F&G	349+10	3.5	LT	939.23	933.30	933.11	--	--	204 - DIA 18"	206 - DIA 18"	--	--	252	YES	YES	TAPERED
205	CB TA 4 DIA T24F&G	348+50	11.0	LT	939.87	--	--	934.25	934.18	--	--	233 - DIA 15"	205 - DIA 15"	252	YES	--	TAPERED
206	CB TA 4 DIA T24F&G	349+65	3.5	LT	938.45	932.60	932.41	--	--	206 - DIA 18"	208 - DIA 18"	--	--	252	YES	--	TAPERED
208	CB TA 4 DIA T24F&G	350+20	3.5	LT	937.68	931.90	931.78	--	--	208 - DIA 18"	209 - DIA 18"	--	--	252	YES	--	TAPERED
209	CB TA 4 DIA T24F&G	350+52	3.5	LT	937.23	931.50	931.48	--	--	209 - DIA 18"	210 - DIA 18"	--	--	252	YES	--	TAPERED
210	CB TA 4 DIA T24F&G	350+72	3.5	LT	936.95	931.32	930.82	931.05	--	210 - DIA 18"	211 - DIA 24"	232 - DIA 15"	--	252	YES	--	TAPERED
211	MAN TA 4 DIA T1F CL	353+69	3.6	LT	932.82	--	927.51	927.60	928.45	--	212 - DIA 18"	231 - DIA 12"	226 - DIA 15"	252	--	--	FLAT
212	MAN TA 5 DIA T1F CL	355+30	2.0	LT	930.88	926.10	925.56	925.60	926.75	212 - DIA 18"	213 - DIA 24"	230 - DIA 12"	225 - DIA 15"	252	--	--	FLAT
213	MAN TA 5 DIA T1F CL	356+50	3.6	LT	929.37	924.75	924.70	--	925.47	213 - DIA 24"	214 - DIA 24"	--	224 - DIA 15"	252	--	--	FLAT
214	CB TA 5 DIA T1F CL	357+50	3.6	LT	928.92	924.23	924.00	924.00	924.00	214 - DIA 24"	228 - DIA 15"	229 - DIA 12"	215 - DIA 24"	252	--	--	FLAT
215	CB TA 5 DIA T24F&G	357+50	45.0	RT	928.58	--	--	923.80	923.77	--	--	215 - DIA 24"	216 - DIA 24"	252	YES	--	FLAT
216	PRC FLAR END SEC 24	357+50	61.4	RT	--	--	--	923.70	--	--	--	216 - DIA 24"	--	252	--	--	--

EP - EXISTING PIPE

FILE NAME = $FILE$	USER NAME = HECHTBR	DESIGNED - MRK	REVISED -	
exp U.S. Services Inc. Chicago, IL BUILDINGS·EARTH & ENVIRONMENT·ENERGY INDUSTRIAL·INFRASTRUCTURE·SUSTAINABILITY		DRAWN - MRK	REVISED -	
	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -	
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

DRAINAGE SCHEDULE – I
STRUCTURES

SCALE: N.T.S. | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	270
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NO.	STRUCTURE DESCRIPTION	CENTERLINE			PROPOSED RIM ELEVATION	INVERTS				PIPE CONNECTIONS (Pipe No. - Pipe Size)				SHEET NO.	INLET FILTER	UNDERDRAIN CONNECTION	STRUCTURE TOP SLAB
		STATION	OFFSET	DIR.		NORTH	SOUTH	EAST	WEST	NORTH	SOUTH	EAST	WEST				
217	CB TA 4 DIA T24F&G	359+12	45.0	RT	928.06	925.06	--	--	--	217 - DIA 12"	--	--	--	252	YES	YES	FLAT
218	CB TA 4 DIA T3F&G	358+92	45.0	RT	927.96	925.00	925.00	--	924.98	219 - DIA 12"	217 - DIA 12"	--	218 - DIA 12"	252	YES	--	FLAT
219	CB TA 4 DIA T24F&G	358+72	45.0	RT	927.99	--	925.05	--	--	--	219 - DIA 12"	--	--	252	YES	YES	FLAT
220	CB TA 4 DIA T3F&G	357+60	11.0	LT	928.34	--	--	--	924.84	--	--	--	220 - DIA 15"	252	YES	--	FLAT
221	MAN TA 4 DIA T1F CL	358+00	3.6	LT	928.98	924.18	--	924.20	924.92	221 - DIA 15"	--	223 - DIA 15"	227 - DIA 15"	252	--	--	FLAT
222	CB TA 4 DIA T3F&G	357+83	11.0	RT	928.46	--	925.11	--	--	--	222 - DIA 15"	--	--	252	YES	YES	FLAT
223	CB TA 4 DIA T24F&G	358+10	11.0	LT	928.44	--	--	924.25	924.23	--	--	294 - DIA 12"	223 - DIA 15"	252	YES	--	FLAT
224	CB TA 4 DIA T24F&G	356+50	11.0	RT	929.13	--	--	925.57	--	--	--	224 - DIA 15"	--	252	YES	--	FLAT
225	CB TA 4 DIA T24F&G	355+30	11.0	RT	930.72	--	--	926.84	--	--	--	225 - DIA 15"	--	252	YES	--	FLAT
226	CB TA 4 DIA T24F&G	353+69	11.0	RT	932.99	--	--	928.56	--	--	--	226 - DIA 15"	--	252	YES	YES	FLAT
227	CB TA 4 DIA T24F&G	358+00	11.0	RT	928.47	924.98	--	924.97	--	222 - DIA 15"	--	227 - DIA 15"	--	252	YES	YES	FLAT
228	MAN TA 4 DIA T1F CL	357+60	3.6	LT	928.91	924.03	924.04	924.81	--	228 - DIA 15"	221 - DIA 15"	220 - DIA 15"	--	252	--	--	FLAT
229	INLETS TA T8G	357+50	56.0	LT	925.50	--	--	--	924.18	--	--	--	229 - DIA 12"	252	--	--	--
230	CB TC T8G	355+30	56.0	LT	927.40	--	--	--	925.80	--	--	--	230 - DIA 12"	252	--	--	TAPERED
231	CB TC T8G	353+69	56.0	LT	929.70	--	--	--	927.85	--	--	--	231 - DIA 12"	252	--	--	TAPERED
232	INLETS TB T8G	350+72	56.9	LT	933.90	--	--	--	931.30	--	--	--	232 - DIA 15"	252	--	--	FLAT
233	INLETS TB T8G	348+50	56.0	LT	937.02	--	--	--	934.46	--	--	--	233 - DIA 15"	252	--	--	FLAT
234	CB TA 4 DIA T8G	354+64	88.7	LT	932.45	930.00	--	--	928.47	EP - DIA 12"	--	--	234 - DIA 12"	252	--	--	FLAT
235	PRC FLAR END SEC 12	354+64	62.0	LT	--	--	--	--	928.35	--	--	234 - DIA 12"	--	252	--	--	--
237	PRC FLAR END SEC 18	351+55	70.0	RT	--	930.20	--	--	--	237 - DIA 18"	--	--	--	252	--	--	--
238	PRC FLAR END SEC 18	350+22	69.0	RT	--	--	933.00	--	--	--	241 - DIA 18"	--	--	252	--	--	--
239	MAN TA 5 DIA T1F CL	351+70	8.5	LT	935.47	930.35	--	--	930.34	211 - DIA 24"	--	--	240 - DIA 24"	252	--	--	FLAT
240	PRC FLAR END SEC 24	351+70	63.1	RT	--	--	--	930.00	--	--	--	240 - DIA 24"	--	252	--	--	--
241	MAN TA 4 DIA T1F CL	351+29	63.0	RT	935.60	932.00	930.40	--	--	241 - DIA 18"	237 - DIA 18"	--	--	252	--	--	FLAT
242	PRC FLAR END SEC 12	358+92	56.8	RT	--	--	--	924.95	--	--	--	218 - DIA 12"	--	252	--	--	--
247	MAN TA 5 DIA T1F CL	368+00	52.6	LT	923.29	918.80	918.37	918.36	--	257 - DIA 24"	251 - DIA 24"	247 - DIA 24"	--	253	--	--	FLAT
248	CB TA 4 DIA T8G	362+30	55.5	LT	927.15	--	922.99	--	--	--	248 - DIA 15"	--	--	253	--	--	FLAT
249	INLETS TB T24F&G	363+23	35.5	LT	928.48	--	--	923.84	--	--	--	249 - DIA 15"	--	253	YES	--	FLAT
250	CB TA 4 DIA T8G	363+23	48.0	LT	927.50	922.45	922.33	--	923.75	248 - DIA 15"	250 - DIA 15"	--	249 - DIA 15"	253	--	--	FLAT
251	PRC FLAR END SEC 24	368+00	72.4	LT	--	--	--	--	918.30	--	--	--	247 - DIA 24"	253	--	--	--
252	MAN TA 5 DIA T1F CL	368+88	52.6	LT	923.23	918.62	918.62	--	919.00	251 - DIA 24"	272 - DIA 24"	--	252 - DIA 18"	253	--	--	FLAT
253	CB TA 4 DIA T24F&G	368+88	45.0	LT	922.83	919.28	--	919.03	919.04	253 - DIA 15"	--	252 - DIA 18"	271 - DIA 15"	253	YES	YES	FLAT
254	CB TA 4 DIA T3F&G	368+60	45.0	LT	922.79	919.40	919.40	--	--	254 - DIA 15"	253 - DIA 15"	--	--	253	YES	YES	FLAT
255	CB TA 4 DIA T24F&G	368+38	45.5	LT	922.80	--	919.49	--	--	--	254 - DIA 15"	--	--	253	YES	YES	FLAT
256	CB TA 4 DIA T24F&G	367+00	47.0	LT	923.84	--	--	920.06	920.08	--	--	256 - DIA 15"	266 - DIA 15"	253	YES	--	FLAT
257	MAN TA 4 DIA T1F CL	367+00	53.6	LT	924.26	919.50	919.28	--	920.05	258 - DIA 24"	257 - DIA 24"	--	256 - DIA 15"	253	--	--	FLAT
258	MAN TA 4 DIA T1F CL	364+92	40.8	LT	926.98	921.10	920.52	--	921.10	260 - DIA 18"	258 - DIA 24"	--	259 - DIA 18"	253	--	--	TAPERED
259	CB TA 4 DIA T3F&G	364+88	35.0	LT	926.58	--	--	921.12	921.20	--	--	259 - DIA 18"	264 - DIA 18"	253	YES	--	TAPERED
260	MAN TA 4 DIA T1F CL	363+90	42.0	LT	927.70	921.95	921.59	--	921.85	250 - DIA 15"	260 - DIA 18"	--	262 - DIA 15"	253	--	--	TAPERED
261	INLETS TB T8G	363+90	63.0	RT	925.40	--	--	922.36	--	--	--	261 - DIA 15"	--	253	--	--	FLAT
262	CB TA 4 DIA T24F&G	363+90	51.0	RT	927.31	--	--	922.21	922.27	--	--	262 - DIA 15"	261 - DIA 15"	253	YES	--	FLAT
263	CB TA 4 DIA T24F&G	364+90	51.0	RT	926.16	--	922.05	921.69	--	--	263 - DIA 15"	264 - DIA 18"	--	253	YES	--	FLAT
264	CB TA 4 DIA T3F&G	365+16	60.2	RT	925.89	922.29	--	--	--	263 - DIA 15"	--	--	--	253	YES	--	FLAT
265	INLETS TB T3F&G	365+98	47.5	RT	925.01	--	920.90	--	--	--	265 - DIA 15"	--	--	253	YES	--	FLAT
266	CB TA 4 DIA T24F&G	367+00	47.0	RT	923.66	920.41	--	920.40	--	265 - DIA 15"	--	266 - DIA 15"	--	253	YES	--	FLAT
267	INLETS TA T24F&G	368+38	46.0	RT	922.67	--	919.49	--	--	--	267 - DIA 12"	--	--	253	YES	YES	--
268	INLETS TB T24F&G	368+60	45.5	RT	922.64	919.43	919.42	--	--	267 - DIA 12"	268 - DIA 15"	--	--	253	YES	YES	FLAT
269	CB TA 4 DIA T24F&G	368+88	45.0	RT	922.68	919.35	--	919.34	--	268 - DIA 15"	--	269 - DIA 15"	--	253	YES	YES	FLAT
270	CB TA 4 DIA T24F&G	368+88	11.0	RT	923.56	919.35	--	919.24	919.25	290 - DIA 15"	--	270 - DIA 15"	269 - DIA 15"	253	YES	--	FLAT
271	CB TA 4 DIA T24F&G	368+88	0.5	RT	923.73	--	--	919.21	919.22	--	--	271 - DIA 15"	270 - DIA 15"	253	YES	--	FLAT
272	MAN TA 5 DIA T1F CL	370+50	52.6	LT	924.75	919.09	--	--	919.09	272 - DIA 24"	--	--	273 - DIA 24"	253	--	--	FLAT
273	CB TA 4 DIA T24F&G	370+50	45.0	LT	924.35	--	--	919.10	919.10	--	--	273 - DIA 24"	274 - DIA 24"	253	YES	--	FLAT
274	CB TA 4 DIA T24F&G	370+50	45.0	RT	924.23	--	--	919.36	919.36	--	--	274 - DIA 24"	275 - DIA 24"	253	YES	--	FLAT
275	PRC FLAR END SEC 24	370+50	56.9	RT	--	--	--	919.40	--	--	--	275 - DIA 24"	--	253	--	--	--
276	INLETS TB T24F&G	372+30	45.5	RT	928.67	--	--	923.82	--	--	--	276 - DIA 15"	--	253	YES	--	FLAT
277	CB TA 4 DIA T24F&G	372+30	45.0	LT	928.67	--	--	922.79	922.95	--	--	277 - DIA 15"	276 - DIA 15"	253	YES	YES	TAPERED
278	PRC FLAR END SEC 15	372+27	81.0	LT	--	--	921.60	--	--	--	278 - DIA 15"	--	--	253	--	--	--
279	MAN TA 4 DIA T1F CL	372+30	52.6	LT	929.07	921.87	922.95	--	922.75	278 - DIA 15"	279 - DIA 15"	--	277 - DIA 15"	253	--	--	TAPERED
280	MAN TA 4 DIA T1F CL	374+65	52.6	LT	937.40	926.42	927.75	--	930.00	279 - DIA 15"	280 - DIA 15"	--	291 - DIA 15"	253	--	--	TAPERED
281	MAN TA 4 DIA T1F CL	377+00	52.6	LT	942.90	932.37	--	--	938.85	280 - DIA 15"	--	--	292 - DIA 12"	254	--	--	FLAT
282	CB TA 4 DIA T24F&G	374+65	11.0	LT	937.88	--	--	931.60	934.25	--	--	282 - DIA 15"	283 - DIA 12"	253	YES	--	FLAT
283	INLETS TA T24F&G	374+65	10.0	RT	937.88	--	--	934.43	--	--	--	283 - DIA 12"	--	253	YES	--	--
285	PRC FLAR END SEC 15	373+46	59.0	RT	--	--	930.35	--	--	--	286 - DIA 15"	--	--	253	--	--	--
286	MAN TA 4 DIA T1F CL	374+05	58.0	RT	936.00	930.92	932.74	--	--	286 - DIA 15"	287 - DIA 15"	--	--	253	--	--	FLAT
287	PRC FLAR END SEC 15	374+24	57.0	RT	--	933.30	--	--	--	287 - DIA 15"	--	--	--	253	--	--	--
288	PRC FLAR END SEC 12	347+75	79.0	LT	--	--	--	--	938.09	--	--	--	288 - DIA 12"	251	--	--	--
289	PRC FLAR END SEC 12	347+75	61.5	LT	--	--	--	938.00	--	--	--	288 - DIA 12"	--	251	--	--	--
290	INLETS TB T24F&G	368+60	10.5	RT	923.52	--	919.59	--	--	--	290 - DIA 15"	--	--	253	YES	--	FLAT
291	CB TA 4 DIA T24F&G	374+65	45.0	LT	937.00	--	--	930.07	931.00	--	--	291 - DIA 15"	282 - DIA 15"	253	YES	YES	TAPERED
292	INLETS TA T24F&G	377+00	46.0	LT	942.50	--	--	938.92	--	--	--	292 - DIA 12"	--	254	YES	--	--
293	INLETS TB T8G	346+00	56.1	LT	941.00	--	--	--	938.06	--	--	--	293 - DIA 15"	251	--	--	FLAT
294	INLETS TA T8G	358+10	56.0	LT	925.80	--	--	--	924.42	--	--	--	294 - DIA 12"	252	--	--	--

FILE NAME = $FILE$	USER NAME = HECHTBR	DESIGNED - MRK	REVISED -	
exp U.S. Services Inc. Chicago, IL BUILDINGS·EARTH & ENVIRONMENT·ENERGY INDUSTRIAL·INFRASTRUCTURE·SUSTAINABILITY		DRAWN - MRK	REVISED -	
	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -	
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

DRAINAGE SCHEDULE – II
STRUCTURES

SCALE: N.T.S. | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	271
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NO.	STRUCTURE DESCRIPTION	CENTERLINE			PROPOSED RIM ELEVATION	INVERTS				PIPE CONNECTIONS (Pipe No. - Pipe Size)				SHEET NO.	INLET FILTER	UNDERDRAIN CONNECTION	STRUCTURE TOP SLAB
		STATION	OFFSET	DIR.		NORTH	SOUTH	EAST	WEST	NORTH	SOUTH	EAST	WEST				
301	PRC FLAR END SEC 24	391+00	73.0	LT	--	--	--	--	933.00	--	--	--	301 - DIA 24"	256	--	--	--
302	CB TA 4 DIA T24F&G	390+10	45.0	LT	937.51	--	933.45	933.45	934.45	--	302 - DIA 24"	301 - DIA 24"	329 - DIA 12"	256	YES	YES	FLAT
303	CB TA 4 DIA T24F&G	390+10	11.0	LT	938.70	933.63	933.65	--	--	302 - DIA 24"	303 - DIA 24"	--	--	256	YES	--	FLAT
304	CB TA 4 DIA T24F&G	390+14	11.0	RT	938.63	934.57	--	--	--	304 - DIA 15"	--	--	--	256	YES	YES	FLAT
306	MAN TA 5 DIA T1F CL	390+10	5.0	RT	939.25	933.72	934.55	--	934.00	303 - DIA 24"	304 - DIA 15"	--	306 - DIA 24"	256	--	--	FLAT
308	MAN TA 5 DIA T1F CL	387+95	3.8	RT	943.05	937.25	937.05	935.26	935.30	310 - DIA 15"	308 - DIA 15"	306 - DIA 24"	313 - DIA 24"	254	--	--	FLAT
309	CB TA 4 DIA T24F&G	387+95	11.0	RT	942.48	937.08	937.25	--	--	308 - DIA 15"	309 - DIA 15"	--	--	254	YES	--	TAPERED
310	CB TA 4 DIA T24F&G	387+95	47.0	RT	943.09	937.57	937.65	--	--	309 - DIA 15"	311 - DIA 15"	--	--	254	YES	--	TAPERED
311	INLETS TB T8G	387+95	59.0	RT	941.40	937.74	--	--	--	311 - DIA 15"	--	--	--	254	--	--	FLAT
312	CB TA 4 DIA T24F&G	387+95	45.0	LT	941.28	938.00	937.47	--	--	328 - DIA 12"	310 - DIA 15"	--	--	254	YES	--	FLAT
313	MAN TA 4 DIA T1F CL	386+30	5.8	RT	944.59	--	--	936.10	936.12	--	--	313 - DIA 24"	314 - DIA 24"	254	--	--	TAPERED
314	MAN TA 5 DIA T1F CL	384+50	3.8	RT	944.18	938.25	938.75	936.82	936.83	327 - DIA 15"	316 - DIA 15"	314 - DIA 24"	315 - DIA 24"	254	--	--	FLAT
315	MAN TA 5 DIA T1F CL	383+00	3.8	RT	943.62	937.95	938.65	937.41	937.95	319 - DIA 18"	318 - DIA 15"	315 - DIA 24"	323 - DIA 18"	254	--	--	FLAT
316	CB TA 4 DIA T24F&G	384+50	11.0	RT	943.61	938.78	--	--	--	316 - DIA 15"	--	--	--	254	YES	--	FLAT
317	CB TA 4 DIA T24F&G	383+20	11.0	RT	943.06	--	--	--	938.91	--	--	--	317 - DIA 15"	254	YES	YES	FLAT
318	CB TA 4 DIA T3F&G	383+00	11.0	RT	943.05	938.68	--	938.75	--	318 - DIA 15"	--	317 - DIA 15"	--	254	YES	YES	FLAT
319	CB TA 4 DIA T3F&G	383+00	11.0	LT	943.05	938.00	937.99	--	--	320 - DIA 18"	319 - DIA 18"	--	--	254	YES	--	FLAT
320	CB TA 4 DIA T3F&G	383+00	45.0	LT	941.86	938.50	938.12	938.37	--	326 - DIA 12"	320 - DIA 18"	321 - DIA 12"	322 - DIA 12"	254	YES	YES	FLAT
321	INLETS TA T24F&G	383+35	46.0	LT	941.90	--	--	--	938.53	--	--	--	321 - DIA 12"	254	YES	YES	--
322	INLETS TA T24F&G	382+80	46.0	LT	941.87	--	938.45	--	--	--	322 - DIA 12"	--	--	254	YES	YES	--
323	MAN TA 4 DIA T1F CL	381+21	5.5	RT	944.30	939.10	--	938.82	939.55	330 - DIA 15"	--	323 - DIA 18"	324 - DIA 15"	254	--	--	FLAT
324	CB TA 4 DIA T24F&G	381+15	11.0	RT	943.79	--	--	939.59	--	--	--	324 - DIA 15"	--	254	YES	--	FLAT
325	INLETS TB T24F&G	381+20	45.5	LT	942.57	--	--	--	939.32	--	--	--	325 - DIA 15"	254	YES	--	FLAT
326	INLETS TA T8G	383+00	50.5	LT	941.94	--	938.52	--	--	--	326 - DIA 12"	--	--	254	--	--	--
327	INLETS TB T8G	384+50	50.0	LT	942.50	--	938.50	--	--	--	327 - DIA 15"	--	--	254	--	--	FLAT
328	INLETS TA T8G	387+88	50.0	LT	941.44	--	938.06	--	--	--	328 - DIA 12"	--	--	254	--	--	--
329	INLETS TB T8G	389+75	50.0	LT	938.24	--	--	934.76	--	--	--	329 - DIA 12"	--	254	--	--	FLAT
330	CB TA 4 DIA T24F&G	381+20	11.0	LT	943.76	--	939.18	939.20	--	--	330 - DIA 15"	325 - DIA 15"	--	254	YES	--	FLAT
351	INLETS TA T24F&G	391+80	10.0	RT	935.69	--	932.08	--	--	--	351 - DIA 12"	--	--	256	YES	--	--
352	INLETS TB T24F&G	391+80	45.5	RT	936.09	931.75	--	931.72	--	351 - DIA 12"	--	352 - DIA 15"	--	256	YES	--	FLAT
354	MAN TA 6 DIA T8G	392+00	53.5	RT	935.87	--	--	926.95	931.55	--	--	354 - SPAN 38", RISE 24"	352 - DIA 15"	256	--	--	FLAT
355	INLETS TB T24F&G	393+00	0.3	LT	933.29	--	929.90	--	--	--	355 - DIA 15"	--	--	256	YES	YES	FLAT
356	INLETS TB T1F CL	394+45	63.0	RT	933.80	927.28	930.83	--	--	356 - DIA 15"	EP - DIA 15"	--	--	256	--	--	FLAT
357	MAN TA 6 DIA T1F CL	393+00	54.4	RT	934.06	929.45	--	926.76	926.76	355 - DIA 15"	--	357 - SPAN 38", RISE 24"	354 - SPAN 38", RISE 24"	256	--	--	FLAT
358	CB TA 4 DIA T24F&G	393+92	3.5	LT	932.16	--	927.72	--	927.75	--	358 - DIA 15"	--	385 - DIA 15"	256	YES	YES	FLAT
359	CB TA 4 DIA T24F&G	394+00	47.0	RT	931.57	927.25	927.08	--	--	358 - DIA 15"	359 - DIA 15"	--	--	256	YES	YES	FLAT
361	MAN TA 6 DIA T8G	394+00	55.5	RT	932.00	927.05	--	926.57	926.57	359 - DIA 15"	--	361 - SPAN 30", RISE 19"	357 - SPAN 38", RISE 24"	256	--	--	FLAT
362	INLETS TA T24F&G	395+00	48.0	RT	930.18	--	926.89	--	--	--	362 - DIA 12"	--	--	256	YES	--	--
363	MAN TA 5 DIA T1F CL	394+45	55.5	RT	931.00	--	927.25	926.49	926.49	--	356 - DIA 15"	363 - SPAN 30", RISE 19"	361 - SPAN 30", RISE 19"	256	--	--	FLAT
364	MAN TA 5 DIA T1F CL	395+00	55.5	RT	930.31	926.85	--	926.39	926.39	362 - DIA 12"	--	364 - SPAN 30", RISE 19"	363 - SPAN 30", RISE 19"	256	--	--	FLAT
365	INLETS TA T24F&G	396+00	48.0	RT	929.76	--	--	926.46	--	--	--	365 - DIA 12"	--	256	YES	--	--
366	CB TA 4 DIA T3F&G	396+19	47.0	RT	929.75	--	926.29	926.30	926.30	--	366 - DIA 15"	367 - DIA 15"	365 - DIA 12"	256	YES	YES	FLAT
367	INLETS TB T24F&G	396+40	47.5	RT	929.76	--	--	926.70	926.39	--	--	368 - DIA 12"	367 - DIA 15"	256	YES	--	FLAT
368	INLETS TA T3F&G	397+02	59.6	RT	929.65	--	--	--	927.00	--	--	--	368 - DIA 12"	256	YES	--	--
370	MAN TA 5 DIA T8G	396+19	55.5	RT	929.90	926.25	--	926.16	926.16	366 - DIA 15"	--	370 - SPAN 30", RISE 19"	364 - SPAN 30", RISE 19"	256	--	--	FLAT
371	MH TA 6D W/2 T1FCL RP	396+55	61.5	RT	931.40	--	--	926.10	926.10	--	--	371 - SPAN 30", RISE 19"	370 - SPAN 30", RISE 19"	256	--	--	FLAT
372	MAN TA 5 DIA T1F CL	396+88	69.0	RT	930.02	--	925.95	926.05	925.95	--	372 - SPAN 30", RISE 19"	418 - DIA 15"	371 - SPAN 30", RISE 19"	256	--	--	FLAT
374	INLETS TA T24F&G	397+84	48.0	RT	930.57	--	--	927.54	--	--	--	374 - DIA 12"	--	256	YES	--	--
375	CB TA 4 DIA T3F&G	398+15	47.0	RT	930.73	--	927.40	--	927.40	--	375 - DIA 15"	--	374 - DIA 12"	256	YES	--	FLAT
376	MH TA 6D W/2 T1FCL RP	397+96	60.6	RT	931.47	--	--	927.25	927.25	--	--	376 - DIA 15"	386 - DIA 15"	256	--	--	FLAT
377	CB TA 4 DIA T1F CL	398+15	54.0	RT	931.15	927.37	927.45	927.33	927.33	375 - DIA 15"	378 - DIA 12"	381 - DIA 15"	376 - DIA 15"	256	--	--	FLAT
378	INLETS TA T8G	398+15	62.0	RT	929.20	927.48	--	--	--	378 - DIA 12"	--	--	--	256	--	--	--
379	CB TA 4 DIA T24F&G	400+25	11.0	RT	934.98	930.35	930.15	--	--	384 - DIA 15"	379 - DIA 15"	--	--	256	YES	--	FLAT
380	CB TA 4 DIA T24F&G	400+25	45.0	RT	934.10	929.85	929.78	--	--	379 - DIA 15"	380 - DIA 15"	--	--	256	YES	YES	FLAT
381	CB TA 4 DIA T1F CL	400+25	51.6	RT	934.54	929.75	930.30	--	928.15	380 - DIA 15"	382 - DIA 12"	--	381 - DIA 15"	256	--	--	FLAT
382	PRC FLAR END SEC 12	400+25	59.0	RT	--	930.40	--	--	--	382 - DIA 12"	--	--	--	256	--	--	--
383	PRCF END S EL EQRS 24	396+92	93.5	RT	--	925.85	--	--	--	372 - SPAN 30", RISE 19"	--	--	--	256	--	--	--
384	INLETS TB T24F&G	400+25	4.4	RT	935.09	--	930.38	--	--	--	384 - DIA 15"	--	--	256	YES	--	FLAT
385	INLETS TB T24F&G	393+46	10.5	LT	932.77	--	--	928.18	--	--	--	385 - DIA 15"	--	256	YES	--	FLAT
386	CB TA 4 DIA T24F&G	397+73	57.3	RT	930.54	--	926.75	927.05	926.59	--	387 - DIA 15"	386 - DIA 15"	377 - DIA 15"	256	YES	--	FLAT
387	INLETS TB T24F&G	0+82	18.4	LT	930.26	926.83	--	--	--	387 - DIA 15"	--	--	--	250	YES	--	FLAT
400	PRC FLAR END SEC 12	392+00	72.0	LT	--	--	931.00	--	--	--	410 - DIA 12"	--	--	255	--	--	--
401	PRC FLAR END SEC 15	398+22	76.0	LT	--	--	927.75	--	--	--	401 - DIA 15"	--	--	255	--	--	--
402	CB TA 4 DIA T24F&G	398+22	47.0	LT	930.99	927.93	--	--	--	402 - DIA 12"	--	--	--	255	YES	YES	FLAT
403	MAN TA 4 DIA T1F CL	398+22	53.8	LT	931.43	927.85	927.90	928.05	--	401 - DIA 15"	402 - DIA 12"	413 - DIA 15"	--	255	--	--	FLAT
404	INLETS TA T24F&G	396+40	48.0	LT	929.76	--	--	--	926.91	--	--	--	404 - DIA 12"	255	YES	--	--
405	CB TA 4 DIA T3F&G	396+19	47.0	LT	929.75	926.73	--	926.73	926.73	405 - DIA 12"	--	404 - DIA 12"	406 - DIA 12"	255	YES	YES	FLAT
406	INLETS TA T24F&G	396+00	48.0	LT	929.76	--	--	926.89	--	--	--	406 - DIA 12"	--	255	YES	--	--
407	MAN TA 5 DIA T1F CL	396+19	54.2	LT	930.19	--	926.70	926.69	926.70	--	405 - DIA 12"	403 - SPAN 30", RISE 19"	407 - SPAN 30", RISE 19"	255	--	--	FLAT
408	CB TA 4 DIA T24F&G	394+00	45.0	LT	931.09	927.53	--	--	--	408 - DIA 15"	--	--	--	255	YES	--	FLAT
409	MAN TA 5 DIA T1F CL	394+00	52.2	LT	931.53	928.80	927.50	927.13	927.13	419 - DIA 12"	408 - DIA 15"	407 - SPAN 30", RISE 19"	409 - SPAN 30", RISE 19"	255	--	--	FLAT
410	CB TA 4 DIA T24F&G	392+00	45.0	LT	934.15	931.12	--	--	--	410 - DIA 12"	--	--	--	255	YES	YES	FLAT

EP - EXISTING PIPE

\\TTB0874JDGN...\DRA00.25JDGN ..\DRA00.25JDGN
11-06-2013,16:26:16 HECHTBR I:\DOCUMENT\1934981\CIVIL\DGN\DRA00.44.DGN

FILE NAME = $FILE1$	USER NAME = HECHTBR	DESIGNED - MRK	REVISED -	
		DRAWN - MRK	REVISED -	
exp U.S. Services Inc. Chicago, IL BUILDINGS·EARTH & ENVIRONMENT·ENERGY INDUSTRIAL·INFRASTRUCTURE·SUSTAINABILITY	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -	
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

DRAINAGE SCHEDULE – III
STRUCTURES

SCALE: N.T.S. | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	272
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NO.	STRUCTURE DESCRIPTION	CENTERLINE			PROPOSED RIM ELEVATION	INVERTS				PIPE CONNECTIONS (Pipe No. - Pipe Size)				SHEET NO.	INLET FILTER	UNDERDRAIN CONNECTION	STRUCTURE TOP SLAB
		STATION	OFFSET	DIR.		NORTH	SOUTH	EAST	WEST	NORTH	SOUTH	EAST	WEST				
411	MAN TA 4 DIA T1F CL	392+50	50.6	LT	933.70	--	--	927.42	--	--	--	409 - SPAN 30", RISE 19"	--	255	--	YES	TAPERED
412	CB TA 4 DIA T24F&G	399+26	47.0	LT	932.56	929.08	--	--	--	412 - DIA 15"	--	--	--	255	YES	--	FLAT
413	MAN TA 4 DIA T1F CL	399+26	53.8	LT	933.00	--	929.05	929.15	929.05	--	412 - DIA 15"	415 - DIA 15"	413 - DIA 15"	255	--	--	FLAT
414	CB TA 4 DIA T24F&G	400+30	45.9	LT	934.18	930.39	--	--	--	414 - DIA 15"	--	--	--	255	YES	YES	FLAT
415	MAN TA 4 DIA T1F CL	400+30	53.5	LT	934.62	--	930.35	--	930.15	--	414 - DIA 15"	--	415 - DIA 15"	255	--	--	FLAT
416	MH TA 6D W/2 T1FCL RP	396+56	53.8	LT	930.23	--	--	926.63	926.63	--	--	416 - DIA 15"	403 - SPAN 30", RISE 19"	255	--	--	FLAT
417	MAN TA 4 DIA T1F CL	396+83	53.8	LT	930.31	--	926.56	--	926.56	--	417 - DIA 15"	--	416 - DIA 15"	255	--	YES	FLAT
418	MAN TA 4 DIA T1F CL	397+11	66.3	RT	929.71	926.20	--	926.30	926.14	417 - DIA 15"	--	377 - DIA 15"	418 - DIA 15"	256	--	YES	FLAT
419	PRC FLAR END SEC 12	394+02	72.0	LT	--	--	928.70	--	--	--	419 - DIA 12"	--	--	255	--	--	--
451	PRC FLAR END SEC 30	411+52	97.3	LT	--	--	917.80	--	--	--	451 - DIA 30"	--	--	257	--	--	--
452	MAN TA 5 DIA T1F CL	411+52	55.4	LT	926.05	918.04	920.00	921.95	920.20	451 - DIA 30"	460 - DIA 24"	459 - DIA 15"	452 - DIA 18"	257	--	--	FLAT
453	CB TA 4 DIA T8G	409+92	56.0	LT	924.60	--	921.05	920.82	921.15	--	457 - DIA 15"	452 - DIA 18"	453 - DIA 15"	257	--	YES	FLAT
454	CB TA 4 DIA T8G	408+00	56.0	LT	926.48	--	--	922.65	922.75	--	--	453 - DIA 15"	454 - DIA 15"	257	--	--	FLAT
455	CB TA 4 DIA T8G	406+00	56.0	LT	931.19	--	--	924.71	926.25	--	--	454 - DIA 15"	455 - DIA 15"	257	--	YES	FLAT
456	CB TA 4 DIA T8G	404+02	56.0	LT	934.10	--	--	928.19	--	--	--	455 - DIA 15"	--	257	--	--	TAPERED
457	CB TA 4 DIA T3F&G	409+92	11.0	LT	927.51	921.46	922.75	--	--	457 - DIA 15"	458 - DIA 15"	--	--	257	YES	--	FLAT
458	CB TA 4 DIA T3F&G	409+92	11.0	RT	927.51	922.93	--	--	--	458 - DIA 15"	--	--	--	257	YES	--	FLAT
459	CB TA 4 DIA T8G	413+00	56.0	LT	929.19	--	--	--	924.10	--	--	--	459 - DIA 15"	257	--	YES	FLAT
460	MAN TA 5 DIA T1F CL	411+52	63.0	RT	927.15	921.13	--	923.50	923.00	460 - DIA 24"	--	462 - DIA 18"	461 - DIA 24"	257	--	--	FLAT
461	PRC FLAR END SEC 24	411+36	63.0	RT	--	--	--	923.20	--	--	--	461 - DIA 24"	--	257	--	--	--
462	PRC FLAR END SEC 18	412+24	65.0	RT	--	--	--	--	924.70	--	--	--	462 - DIA 18"	257	--	--	--
463	PRC FLAR END SEC 15	415+02	66.0	RT	--	--	--	--	930.00	--	--	--	464 - DIA 15"	257	--	--	--
464	PRC FLAR END SEC 15	414+67	66.0	RT	--	--	--	929.30	--	--	--	464 - DIA 15"	--	257	--	--	--
501	PRC FLAR END SEC 24	421+73	203.0	RT	--	910.70	--	--	--	501 - DIA 24"	--	--	--	258	--	--	--
502	MAN TA 5 DIA T1F CL	421+72	48.0	RT	926.48	914.00	912.22	914.50	--	515 - DIA 24"	501 - DIA 24"	502 - DIA 24"	--	258	--	YES	TAPERED
503	MH TA 6D W/2 T1FCL RP	421+85	49.0	RT	926.20	--	--	914.60	914.58	--	--	503 - DIA 36"	502 - DIA 24"	258	--	--	TAPERED
504	MAN TA 5 DIA T1F CL	425+02	52.0	RT	923.18	917.40	--	917.75	915.84	504 - DIA 18"	--	513 - DIA 15"	503 - DIA 36"	258	--	--	FLAT
505	CB TA 4 DIA T3F&G	425+02	45.0	RT	922.84	917.50	917.42	919.15	--	505 - DIA 18"	504 - DIA 18"	517 - DIA 12"	--	258	YES	YES	FLAT
506	CB TA 4 DIA T3F&G	425+02	11.0	RT	923.79	917.70	917.68	--	--	506 - DIA 18"	505 - DIA 18"	--	--	258	YES	--	TAPERED
507	CB TA 4 DIA T3F&G	424+87	11.0	LT	924.20	918.15	--	917.87	--	507 - DIA 15"	--	508 - DIA 18"	--	258	YES	--	TAPERED
508	CB TA 4 DIA T24F&G	425+04	11.0	LT	924.21	--	917.79	--	917.80	--	506 - DIA 18"	--	508 - DIA 18"	258	YES	YES	TAPERED
509	CB TA 4 DIA T8G	424+87	56.0	LT	922.37	--	918.36	--	918.36	--	507 - DIA 15"	--	509 - DIA 15"	258	--	--	FLAT
510	INLETS TB T8G	424+00	55.4	LT	922.13	--	--	918.69	--	--	--	510 - DIA 15"	--	258	--	YES	FLAT
511	CB TA 4 DIA T24F&G	427+00	35.9	RT	924.33	919.85	919.78	--	--	512 - DIA 15"	511 - DIA 15"	--	--	258	YES	--	FLAT
512	INLETS TB T24F&G	427+00	10.5	LT	925.70	--	920.28	--	--	--	512 - DIA 15"	--	--	258	YES	--	FLAT
513	MAN TA 4 DIA T1F CL	427+00	43.0	RT	924.40	919.75	--	--	919.65	511 - DIA 15"	--	--	513 - DIA 15"	258	--	--	FLAT
514	INLETS TB T8G	424+45	55.5	LT	922.25	--	--	918.51	918.52	--	--	509 - DIA 15"	510 - DIA 15"	258	--	--	FLAT
515	MAN TA 4 DIA T1F CL	421+72	87.0	LT	924.50	--	915.30	--	916.10	--	515 - DIA 24"	--	516 - DIA 15"	258	--	--	TAPERED *
516	CB TA 4 DIA T8G	420+90	93.0	LT	924.00	--	--	916.88	916.95	--	--	516 - DIA 15"	518 - DIA 15"	258	--	--	TAPERED *
517	INLETS TA T24F&G	425+25	45.7	RT	922.86	--	--	--	919.35	--	--	--	517 - DIA 12"	258	YES	YES	--
518	CB TA 4 DIA T1F CL	419+77	93.0	LT	926.51	918.10	--	918.04	--	EP - DIA 15"	--	518 - DIA 15"	--	258	--	--	TAPERED *
551	PRC FLAR END SEC 24	428+50	67.6	RT	--	917.50	--	--	--	551 - DIA 24"	--	--	--	258	--	--	--
552	MAN TA 5 DIA T1F CL	428+50	42.5	RT	927.04	918.50	917.73	920.75	--	552 - DIA 24"	551 - DIA 24"	557 - DIA 15"	--	258	--	--	FLAT
553	CB TA 4 DIA T24F&G	428+50	35.0	RT	926.70	919.00	918.53	--	--	553 - DIA 24"	552 - DIA 24"	--	--	258	YES	YES	TAPERED
554	CB TA 4 DIA T24F&G	428+50	11.0	LT	928.06	921.20	919.42	--	--	554 - DIA 24"	553 - DIA 24"	--	--	258	YES	YES	TAPERED
555	PRC FLAR END SEC 24	428+50	86.5	LT	--	--	922.00	--	--	--	554 - DIA 24"	--	--	258	--	--	--
556	CB TA 4 DIA T24F&G	430+00	36.8	RT	929.03	--	923.78	--	--	--	556 - DIA 15"	--	--	258	YES	--	TAPERED
557	MAN TA 4 DIA T1F CL	430+00	44.0	RT	929.38	923.75	--	--	922.46	556 - DIA 15"	--	--	557 - DIA 15"	258	--	--	TAPERED
560	PRC FLAR END SEC 18	800+95	55.0	LT	--	--	--	924.00	--	--	--	560 - DIA 18"	--	258	--	--	--
561	PRC FLAR END SEC 18	800+95	51.0	RT	--	--	--	--	926.00	--	--	--	560 - DIA 18"	258	--	--	--
601	PRC FLAR END SEC 24	431+03	68.0	RT	--	926.10	--	--	--	601 - DIA 24"	--	--	--	258	--	--	--
602	MAN TA 5 DIA T1F CL	431+03	54.5	RT	930.78	926.95	926.17	926.20	--	602 - DIA 15"	601 - DIA 24"	605 - DIA 24"	--	258	--	--	FLAT
603	CB TA 4 DIA T24F&G	431+03	47.0	RT	930.38	927.00	926.98	--	--	603 - DIA 15"	602 - DIA 15"	--	--	258	YES	--	FLAT
604	CB TA 4 DIA T24F&G	431+07	3.5	RT	931.78	927.45	927.40	927.45	--	656 - DIA 15"	603 - DIA 15"	655 - DIA 15"	--	258	YES	--	FLAT
605	MAN TA 5 DIA T1F CL	433+00	52.0	RT	933.99	928.95	--	928.20	928.08	606 - DIA 15"	--	608 - DIA 24"	605 - DIA 24"	259	--	--	FLAT
606	CB TA 4 DIA T24F&G	433+00	44.7	RT	933.59	929.35	928.98	--	--	607 - DIA 15"	606 - DIA 15"	--	--	259	YES	YES	FLAT
607	CB TA 4 DIA T24F&G	433+00	3.5	RT	934.78	929.95	929.72	--	--	657 - DIA 15"	607 - DIA 15"	--	--	259	YES	YES	FLAT
608	MAN TA 5 DIA T1F CL	435+00	42.5	RT	936.47	931.55	--	930.20	930.11	609 - DIA 15"	--	612 - DIA 24"	608 - DIA 24"	259	--	--	FLAT
609	CB TA 4 DIA T24F&G	435+00	35.0	RT	936.07	931.65	931.58	--	--	610 - DIA 15"	609 - DIA 15"	--	--	259	YES	--	FLAT
610	CB TA 4 DIA T24F&G	435+00	11.0	RT	936.78	932.25	931.85	--	--	611 - DIA 15"	610 - DIA 15"	--	--	259	YES	--	FLAT
611	INLETS TB T24F&G	435+00	5.2	LT	936.63	--	932.38	--	--	--	611 - DIA 15"	--	--	259	YES	--	FLAT
612	MAN TA 5 DIA T1F CL	436+90	42.5	RT	937.42	932.55	--	931.70	931.65	613 - DIA 15"	--	615 - DIA 24"	612 - DIA 24"	259	--	--	FLAT
613	CB TA 4 DIA T24F&G	436+90	35.0	RT	937.02	932.65	932.58	--	--	636 - DIA 15"	613 - DIA 15"	--	--	259	YES	YES	FLAT
614	INLETS TB T24F&G	436+90	10.5	LT	937.73	--	933.13	--	--	--	614 - DIA 15"	--	--	259	YES	YES	FLAT
615	MAN TA 5 DIA T1F CL	438+80	42.5	RT	938.37	933.65	932.90	--	932.79	616 - DIA 15"	618 - DIA 24"	--	615 - DIA 24"	259	--	--	FLAT
616	CB TA 4 DIA T24F&G	438+80	35.0	RT	937.97	933.75	933.68	--	--	617 - DIA 15"	616 - DIA 15"	--	--	259	YES	--	FLAT
617	CB TA 4 DIA T24F&G	438+80	11.0	LT	938.68	934.25	934.25	--	--	658 - DIA 15"	654 - DIA 15"	--	--	259	YES	--	FLAT
618	MAN TA 5 DIA T1F CL	440+70	42.5	RT	939.32	933.81	934.40	934.75	--	618 - DIA 24"	622 - DIA 18"	619 - DIA 15"	--	259	--	--	FLAT
619	CB TA 4 DIA T24F&G	440+70	35.0	RT	938.92	--	--	934.85	934.78	--	--	620 - DIA 15"	619 - DIA 15"	259	YES	YES	FLAT
620	CB TA 4 DIA T24F&G	440+70	11.0	RT	939.63	--	--	935.25	935.05	--	--	621 - DIA 15"	620 - DIA 15"	259	YES	--	FLAT
621	INLETS TB T24F&G	440+70	10.5	LT	939.63	--	--	--	935.43	--	--	--	621 - DIA 15"	259	YES	YES	FLAT
622	MAN TA 4 DIA T1F CL	442+60	42.5	RT	940.27	935.49	935.50	935.75	--	622 - DIA 18"	625 - DIA 18"	623 - DIA 15"	--	259	--	--	FLAT

* INVERT ELEVATIONS OF STRUCTURES 515, 516 AND 518 TO BE ADJUSTED AS DIRECTED BY THE ENGINEER TO PROVIDE POSITIVE DRAINAGE OF EXISTING FIELD TILE

FILE NAME = $FILE1$	USER NAME = HECHTBR	DESIGNED - MRK	REVISED -	
exp U.S. Services Inc. Chicago, IL BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY		DRAWN - MRK	REVISED -	
	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -	
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

DRAINAGE SCHEDULE – IV
STRUCTURES

SCALE: N.T.S. | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	273
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NO.	STRUCTURE DESCRIPTION	CENTERLINE			PROPOSED RIM ELEVATION	INVERTS				PIPE CONNECTIONS (Pipe No. - Pipe Size)				SHEET NO.	INLET FILTER	UNDERDRAIN CONNECTION	STRUCTURE TOP SLAB
		STATION	OFFSET	DIR.		NORTH	SOUTH	EAST	WEST	NORTH	SOUTH	EAST	WEST				
623	CB TA 4 DIA T24F&G	442+60	35.0	RT	939.87	--	--	935.85	935.78	--	--	624 - DIA 15"	623 - DIA 15"	259	YES	--	FLAT
624	INLETS TB T24F&G	442+60	10.5	LT	940.58	--	--	--	936.27	--	--	--	624 - DIA 15"	259	YES	--	FLAT
625	CB TA 4 DIA T1F CL	444+20	42.5	RT	941.30	936.27	936.65	936.65	--	625 - DIA 18"	629 - DIA 15"	626 - DIA 15"	--	259	--	--	FLAT
626	CB TA 4 DIA T24F&G	444+20	35.0	RT	940.90	--	--	936.75	936.68	--	--	627 - DIA 15"	626 - DIA 15"	259	YES	YES	FLAT
627	CB TA 4 DIA T24F&G	444+20	11.0	RT	941.38	--	--	937.05	936.95	--	--	628 - DIA 15"	627 - DIA 15"	259	YES	--	FLAT
628	INLETS TB T24F&G	444+20	10.5	LT	941.38	--	--	--	937.23	--	--	--	628 - DIA 15"	259	YES	YES	FLAT
629	MAN TA 4 DIA T1F CL	445+75	42.5	RT	942.08	937.71	937.75	937.75	--	629 - DIA 15"	632 - DIA 15"	630 - DIA 15"	--	259	--	--	FLAT
630	CB TA 4 DIA T24F&G	445+75	35.0	RT	941.68	--	--	937.85	937.78	--	--	631 - DIA 15"	630 - DIA 15"	259	YES	--	FLAT
631	CB TA 4 DIA T3F&G	445+75	35.0	LT	941.68	938.25	--	--	938.25	635 - DIA 15"	--	--	631 - DIA 15"	259	YES	YES	FLAT
632	MAN TA 4 DIA T1F CL	447+10	42.5	RT	942.75	938.40	--	938.45	--	632 - DIA 15"	--	633 - DIA 15"	--	260	--	--	FLAT
633	CB TA 4 DIA T24F&G	447+10	35.0	RT	942.35	--	--	938.55	938.48	--	--	634 - DIA 15"	633 - DIA 15"	260	YES	--	FLAT
634	INLETS TB T24F&G	447+10	35.5	LT	942.35	--	--	--	938.88	--	--	--	634 - DIA 15"	260	YES	--	FLAT
635	INLETS TA T24F&G	445+58	36.0	LT	941.59	--	938.32	--	--	--	635 - DIA 15"	--	--	259	YES	--	--
636	CB TA 4 DIA T24F&G	436+90	11.0	RT	937.73	932.95	932.85	--	--	614 - DIA 15"	636 - DIA 15"	--	--	259	YES	--	FLAT
651	INLETS TA T24F&G	450+30	48.0	LT	941.85	--	--	--	938.67	--	--	--	651 - DIA 12"	260	YES	--	--
652	CB TA 4 DIA T24F&G	468+31	40.4	LT	930.66	--	--	926.76	--	--	--	652 - DIA 12"	--	261	YES	--	FLAT
653	PRC FLAR END SEC 12	468+30	73.5	LT	--	--	--	--	926.61	--	--	--	652 - DIA 12"	261	--	--	--
654	INLETS TB T24F&G	439+20	10.5	LT	938.88	934.43	--	--	--	654 - DIA 15"	--	--	--	259	YES	--	FLAT
655	INLETS TB T24F&G	431+50	4.0	RT	932.46	--	--	--	927.84	--	--	--	655 - DIA 15"	258	YES	--	FLAT
656	INLETS TB T24F&G	431+22	49.8	LT	933.05	--	927.97	--	--	--	656 - DIA 15"	--	--	258	YES	--	FLAT
657	INLETS TB T24F&G	433+00	47.5	LT	935.77	--	930.42	--	--	--	657 - DIA 15"	--	--	259	YES	--	FLAT
658	INLETS TB T24F&G	438+80	35.5	LT	939.26	--	934.46	--	--	--	658 - DIA 15"	--	--	259	YES	--	FLAT
701	MAN TA 4 DIA T1F CL	449+50	42.5	RT	942.95	--	938.56	938.60	--	--	701 - DIA 15"	702 - DIA 15"	--	260	--	--	FLAT
702	CB TA 4 DIA T24F&G	449+50	35.0	RT	942.55	--	--	938.65	938.64	--	--	703 - DIA 15"	702 - DIA 15"	260	YES	--	FLAT
703	INLETS TB T24F&G	449+50	45.7	LT	942.30	--	--	--	938.96	--	--	--	703 - DIA 15"	260	YES	--	FLAT
704	MAN TA 4 DIA T1F CL	450+30	47.0	RT	942.46	938.25	938.23	938.25	--	701 - DIA 15"	704 - DIA 15"	705 - DIA 15"	--	260	--	--	FLAT
705	CB TA 4 DIA T24F&G	450+30	35.0	RT	942.15	--	--	938.35	938.33	--	--	651 - DIA 12"	705 - DIA 15"	260	YES	--	FLAT
706	MAN TA 4 DIA T1F CL	451+78	54.5	RT	941.51	937.65	937.56	937.65	--	704 - DIA 15"	706 - DIA 15"	707 - DIA 15"	--	260	--	--	FLAT
707	CB TA 4 DIA T24F&G	451+78	47.0	RT	941.11	--	--	937.75	937.68	--	--	708 - DIA 15"	707 - DIA 15"	260	YES	YES	FLAT
708	INLETS TB T24F&G	451+78	38.9	LT	941.33	--	--	--	938.08	--	--	--	708 - DIA 15"	260	YES	YES	FLAT
709	MAN TA 4 DIA T1F CL	452+84	54.5	RT	940.98	937.15	936.89	937.15	--	706 - DIA 15"	709 - DIA 18"	710 - DIA 15"	--	260	--	--	FLAT
710	CB TA 4 DIA T24F&G	452+84	47.0	RT	940.58	--	--	937.25	937.18	--	--	711 - DIA 15"	710 - DIA 15"	260	YES	--	FLAT
711	CB TA 4 DIA T24F&G	452+84	35.0	LT	940.88	936.75	--	--	937.56	869 - DIA 15"	--	--	711 - DIA 15"	260	YES	--	FLAT
712	MAN TA 4 DIA T1F CL	453+64	49.8	RT	940.70	936.60	936.55	936.85	--	709 - DIA 18"	712 - DIA 18"	713 - DIA 15"	--	260	--	--	FLAT
713	CB TA 4 DIA T24F&G	453+64	42.3	RT	940.30	--	--	936.90	936.88	--	--	714 - DIA 15"	713 - DIA 15"	260	YES	--	FLAT
714	INLETS TB T24F&G	453+64	35.5	LT	940.48	--	--	--	937.20	--	--	--	714 - DIA 15"	260	YES	--	FLAT
715	MAN TA 4 DIA T1F CL	455+05	42.5	RT	940.47	936.00	935.92	936.25	--	866 - DIA 18"	715 - DIA 18"	716 - DIA 15"	--	260	--	--	FLAT
716	CB TA 4 DIA T24F&G	455+05	35.0	RT	940.07	--	--	936.30	936.28	--	--	865 - DIA 15"	716 - DIA 15"	260	YES	YES	FLAT
717	INLETS TB T24F&G	455+05	35.5	LT	940.07	--	--	--	936.67	--	--	--	717 - DIA 15"	260	YES	YES	FLAT
718	MAN TA 4 DIA T1F CL	455+90	42.5	RT	940.22	935.60	935.54	935.85	--	715 - DIA 18"	718 - DIA 18"	719 - DIA 15"	--	260	--	--	FLAT
719	CB TA 4 DIA T24F&G	455+90	35.0	RT	939.82	--	--	935.95	935.88	--	--	720 - DIA 15"	719 - DIA 15"	260	YES	--	FLAT
720	INLETS TB T24F&G	455+90	35.5	LT	939.82	--	--	--	936.35	--	--	--	720 - DIA 15"	260	YES	--	FLAT
721	MAN TA 5 DIA T1F CL	457+05	42.5	RT	939.88	935.10	932.50	935.35	--	718 - DIA 18"	721 - DIA 24"	722 - DIA 15"	--	260	--	--	FLAT
722	CB TA 4 DIA T24F&G	457+05	35.0	RT	939.48	--	--	935.45	935.38	--	--	862 - DIA 15"	722 - DIA 15"	260	YES	--	FLAT
723	INLETS TB T24F&G	457+05	35.5	LT	939.48	--	--	--	935.98	--	--	--	723 - DIA 15"	260	YES	--	FLAT
724	MAN TA 5 DIA T1F CL	458+10	42.5	RT	939.57	932.00	931.60	933.35	--	721 - DIA 24"	724 - DIA 24"	725 - DIA 15"	--	260	--	--	FLAT
725	CB TA 4 DIA T24F&G	458+10	35.0	RT	939.17	--	--	933.75	933.38	--	--	726 - DIA 15"	725 - DIA 15"	260	YES	YES	TAPERED
726	INLETS TB T24F&G	458+10	35.5	LT	939.17	--	--	--	934.15	--	--	--	726 - DIA 15"	260	YES	YES	FLAT
727	MAN TA 5 DIA T1F CL	459+15	42.5	RT	939.25	931.00	930.60	933.25	--	724 - DIA 24"	727 - DIA 24"	728 - DIA 15"	--	260	--	--	FLAT
728	CB TA 4 DIA T24F&G	459+15	35.0	RT	938.85	--	--	933.35	933.28	--	--	729 - DIA 15"	728 - DIA 15"	260	YES	--	TAPERED
729	CB TA 4 DIA T24F&G	459+15	11.0	RT	939.33	--	--	933.55	933.47	--	--	730 - DIA 15"	729 - DIA 15"	260	YES	--	TAPERED
730	CB TA 4 DIA T24F&G	459+15	11.0	LT	939.33	--	--	933.95	933.64	--	--	731 - DIA 15"	730 - DIA 15"	260	YES	--	TAPERED
731	INLETS TB T24F&G	459+15	35.5	LT	938.85	--	--	--	934.08	--	--	--	731 - DIA 15"	260	YES	--	FLAT
732	MAN TA 5 DIA T1F CL	461+40	42.5	RT	938.59	929.00	928.91	931.75	--	859 - DIA 24"	732 - DIA 24"	733 - DIA 15"	--	261	--	--	TAPERED
733	CB TA 4 DIA T24F&G	461+40	35.0	RT	938.19	--	--	932.25	931.78	--	--	857 - DIA 15"	733 - DIA 15"	261	YES	YES	TAPERED
734	CB TA 4 DIA T24F&G	461+40	35.0	LT	938.19	--	--	935.25	933.37	--	--	880 - DIA 12"	734 - DIA 15"	261	YES	YES	FLAT
735	MAN TA 5 DIA T1F CL	462+30	42.5	RT	938.32	928.40	928.10	931.75	--	732 - DIA 24"	735 - DIA 24"	736 - DIA 15"	--	261	--	--	TAPERED
736	CB TA 4 DIA T24F&G	462+30	35.0	RT	937.92	--	--	932.25	931.78	--	--	737 - DIA 15"	736 - DIA 15"	261	YES	--	TAPERED
737	INLETS TB T24F&G	462+30	35.5	LT	937.92	--	--	--	932.65	--	--	--	737 - DIA 15"	261	YES	--	FLAT
738	MAN TA 5 DIA T1F CL	463+35	42.5	RT	938.01	927.50	926.88	931.75	--	735 - DIA 24"	738 - DIA 24"	739 - DIA 15"	--	261	--	--	FLAT
739	CB TA 4 DIA T24F&G	463+35	35.0	RT	937.61	--	--	931.95	931.78	--	--	740 - DIA 15"	739 - DIA 15"	261	YES	--	TAPERED
740	INLETS TB T24F&G	463+35	35.5	LT	937.61	--	--	--	932.35	--	--	--	740 - DIA 15"	261	YES	--	FLAT
741	MAN TA 5 DIA T1F CL	464+20	42.5	RT	937.72	926.40	925.63	930.15	--	738 - DIA 24"	792 - DIA 30"	742 - DIA 15"	--	261	--	--	TAPERED
742	CB TA 4 DIA T24F&G	464+20	35.0	RT	937.32	--	--	930.75	930.18	--	--	743 - DIA 15"	742 - DIA 15"	261	YES	--	TAPERED
743	CB TA 4 DIA T24F&G	464+20	0.0	LT	937.80	--	--	931.25	930.94	--	--	744 - DIA 15"	743 - DIA 15"	261	YES	--	TAPERED
744	CB TA 4 DIA T24F&G	464+20	11.0	LT	937.80	--	931.75	931.75	931.29	--	856 - DIA 15"	745 - DIA 15"	744 - DIA 15"	261	YES	--	TAPERED
745	INLETS TB T24F&G	464+20	35.5	LT	937.32	--	--	--	931.88	--	--	--	745 - DIA 15"	261	YES	--	FLAT
746	MAN TA 5 DIA T1F CL	465+80	42.5	RT	935.74	924.70	924.58	928.55	--	792 - DIA 30"	746 - DIA 30"	747 - DIA 15"	--	261	--	--	TAPERED
747	CB TA 4 DIA T24F&G	465+80	35.0	RT	935.34	--	--	928.75	928.58	--	--	748 - DIA 15"	747 - DIA 15"	261	YES	YES	TAPERED
748	INLETS TB T24F&G	465+80	44.7	LT	935.09	--	--	--	929.51	--	--	--	748 - DIA 15"	261	YES	YES	FLAT
749	DRYWELL	467+15	52.0	RT	933.16	923.80	923.68	926.25	--	746 - DIA 30"	749 - DIA 30"	750 - DIA 15"	--	261	--	--	--

NOTE

SEE SHEET 282 FOR DRYWELL STRUCTURE BOTTOM ELEVATION.

DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NO.	STRUCTURE DESCRIPTION	CENTERLINE			PROPOSED RIM ELEVATION	INVERTS				PIPE CONNECTIONS (Pipe No. - Pipe Size)				SHEET NO.	INLET FILTER	UNDERDRAIN CONNECTION	STRUCTURE TOP SLAB
		STATION	OFFSET	DIR.		NORTH	SOUTH	EAST	WEST	NORTH	SOUTH	EAST	WEST				
750	CB TA 4 DIA T24F&G	467+15	40.6	RT	932.82	--	--	926.55	926.32	--	--	751 - DIA 15"	750 - DIA 15"	261	YES	--	TAPERED
751	INLETS TB T3F&G	467+10	51.2	LT	932.76	--	--	--	927.08	--	--	--	751 - DIA 15"	261	YES	--	FLAT
752	MAN TA 6 DIA T1F CL	469+00	54.0	RT	929.75	922.60	--	923.95	922.56	749 - DIA 30"	--	753 - DIA 15"	752 - DIA 30"	261	--	--	FLAT
753	CB TA 4 DIA T24F&G	469+00	47.0	RT	929.35	--	--	924.05	923.97	--	--	754 - DIA 15"	753 - DIA 15"	261	YES	YES	TAPERED
754	INLETS TB T24F&G	469+00	35.5	LT	929.65	--	--	--	924.52	--	--	--	754 - DIA 15"	261	YES	YES	FLAT
755	MAN TA 6 DIA T1F CL	469+00	62.0	RT	929.65	922.55	--	922.55	--	756 - DIA 30"	--	752 - DIA 30"	--	261	--	--	FLAT
756	MAN TA 8 DIA T1F CL	468+85	62.0	RT	929.26	922.58	922.58	--	--	757 - SPAN 60", RISE 38"	756 - DIA 30"	--	--	261	--	--	TAPERED
757	MAN TA 8 DIA T1F CL	466+10	66.0	RT	934.68	923.52	923.52	--	--	758 - SPAN 60", RISE 38"	757 - SPAN 60", RISE 38"	--	--	261	--	--	TAPERED
758	MAN TA 8 DIA T1F CL	463+40	68.0	RT	937.27	--	924.44	--	--	--	758 - SPAN 60", RISE 38"	--	--	261	--	--	TAPERED
759	MH TA 6D W/2 T1FCL RP	469+17	57.0	RT	929.71	--	922.49	--	922.50	--	759 - DIA 30"	--	755 - DIA 30"	261	--	--	FLAT
760	MAN TA 6 DIA T1F CL	470+20	50.0	RT	927.71	921.52	919.90	921.80	919.88	759 - DIA 30"	765 - DIA 24"	763 - DIA 24"	760 - DIA 30"	261	--	--	FLAT
761	CB TA 4 DIA T24F&G	470+42	40.5	RT	927.00	--	--	922.25	922.18	--	--	762 - DIA 15"	761 - DIA 15"	261	YES	--	FLAT
762	INLETS TB T24F&G	470+42	35.5	LT	927.14	--	--	--	922.68	--	--	--	762 - DIA 15"	261	YES	--	FLAT
763	PRC FLAR END SEC 24	470+20	64.5	LT	--	--	--	--	922.80	--	--	--	763 - DIA 24"	261	--	--	--
764	PRC FLAR END SEC 30	470+20	68.9	RT	--	--	--	919.80	--	--	--	760 - DIA 30"	--	261	--	--	--
765	MH TA 6D W/2 T1FCL RP	470+32	50.0	RT	927.54	919.92	919.93	--	--	765 - DIA 24"	767 - DIA 24"	--	--	261	--	--	FLAT
766	MAN TA 5 DIA T1F CL	470+42	48.0	RT	927.28	--	919.96	922.15	919.96	--	768 - DIA 24"	761 - DIA 15"	766 - DIA 24"	261	--	--	FLAT
767	MAN TA 5 DIA T1F CL	470+42	56.0	RT	927.40	919.95	919.95	919.95	--	767 - DIA 24"	790 - SPAN 38", RISE 24"	766 - DIA 24"	--	261	--	--	TAPERED
768	DRYWELL	471+40	43.7	RT	926.19	920.24	920.24	921.05	--	768 - DIA 24"	769 - DIA 24"	770 - DIA 15"	--	261	--	--	--
769	MAN TA 4 DIA T1F CL	472+98	42.5	RT	925.40	920.70	921.17	921.17	--	769 - DIA 24"	780 - DIA 18"	773 - DIA 18"	--	261	--	--	FLAT
770	CB TA 4 DIA T24F&G	471+40	35.0	RT	925.82	--	--	921.15	921.09	--	--	771 - DIA 15"	770 - DIA 15"	261	YES	--	FLAT
771	INLETS TB T24F&G	471+40	35.5	LT	925.82	--	--	--	921.55	--	--	--	771 - DIA 15"	261	YES	--	FLAT
772	INLETS TA T24F&G	472+80	36.0	RT	925.01	--	921.55	--	--	--	772 - DIA 12"	--	--	261	YES	YES	--
773	CB TA 4 DIA T3F&G	472+98	35.0	RT	925.00	921.46	921.46	921.45	921.20	772 - DIA 12"	774 - DIA 12"	775 - DIA 15"	773 - DIA 18"	261	YES	YES	FLAT
774	INLETS TA T24F&G	473+15	36.0	RT	925.01	921.54	--	--	--	774 - DIA 12"	--	--	--	261	YES	YES	--
775	CB TA 4 DIA T24F&G	472+98	11.0	RT	925.48	--	--	921.53	921.53	--	--	776 - DIA 15"	775 - DIA 15"	261	YES	--	FLAT
776	CB TA 4 DIA T24F&G	472+98	11.0	LT	925.48	--	--	921.61	921.60	--	--	778 - DIA 15"	776 - DIA 15"	261	YES	--	FLAT
777	INLETS TA T24F&G	472+80	36.0	LT	925.01	--	921.75	--	--	--	777 - DIA 12"	--	--	261	YES	YES	--
778	CB TA 4 DIA T24F&G	472+98	35.0	LT	925.00	921.69	921.69	--	921.69	777 - DIA 12"	779 - DIA 12"	--	778 - DIA 15"	261	YES	YES	FLAT
779	INLETS TA T24F&G	473+15	36.0	LT	925.01	921.75	--	--	--	779 - DIA 12"	--	--	--	261	YES	YES	--
780	MAN TA 4 DIA T1F CL	474+30	42.5	RT	925.87	921.55	921.60	921.85	--	780 - DIA 18"	783 - DIA 18"	781 - DIA 15"	--	263	--	--	FLAT
781	CB TA 4 DIA T24F&G	474+30	35.0	RT	925.47	--	--	921.87	921.87	--	--	782 - DIA 15"	781 - DIA 15"	263	YES	--	FLAT
782	INLETS TB T24F&G	474+30	35.5	LT	925.47	--	--	--	922.14	--	--	--	782 - DIA 15"	263	YES	--	FLAT
783	MAN TA 4 DIA T1F CL	475+60	42.5	RT	926.52	921.98	922.25	922.25	--	783 - DIA 18"	786 - DIA 15"	784 - DIA 15"	--	263	--	--	FLAT
784	CB TA 4 DIA T24F&G	475+60	35.0	RT	926.12	--	--	922.30	922.27	--	--	851 - DIA 15"	784 - DIA 15"	263	YES	--	FLAT
785	INLETS TB T24F&G	475+60	35.5	LT	926.12	--	--	--	922.70	--	--	--	785 - DIA 15"	263	YES	--	FLAT
786	MAN TA 4 DIA T1F CL	476+95	42.5	RT	927.20	922.77	--	922.85	922.80	786 - DIA 15"	--	787 - DIA 15"	789 - DIA 12"	263	--	--	FLAT
787	CB TA 4 DIA T24F&G	476+95	35.0	RT	926.80	--	--	922.95	922.88	--	--	788 - DIA 15"	787 - DIA 15"	263	YES	YES	FLAT
788	INLETS TB T24F&G	476+95	35.5	LT	926.80	--	--	--	923.28	--	--	--	788 - DIA 15"	263	YES	YES	FLAT
789	CB TA 4 DIA T8G	476+95	53.0	RT	926.00	--	--	922.86	--	--	--	789 - DIA 12"	--	263	--	--	FLAT
790	MAN TA 5 DIA T1F CL	472+70	50.0	RT	925.33	920.51	920.51	--	--	790 - SPAN 38", RISE 24"	791 - SPAN 38", RISE 24"	--	--	261	--	--	FLAT
791	MAN TA 5 DIA T1F CL	474+92	50.0	RT	926.08	921.05	--	--	--	791 - SPAN 38", RISE 24"	--	--	--	263	--	--	FLAT
792	PRC FLAR END SEC 18	850+87	42.8	RT	--	926.80	--	--	--	793 - DIA 18"	--	--	--	261	--	--	--
793	PRC FLAR END SEC 18	850+87	37.0	LT	--	--	927.50	--	--	--	793 - DIA 18"	--	--	261	--	--	--
794	PRC FLAR END SEC 15	851+66	37.2	LT	--	--	--	929.92	--	--	--	795 - DIA 15"	--	267	--	--	--
795	PRC FLAR END SEC 15	852+18	34.4	LT	--	--	--	--	931.50	--	--	--	795 - DIA 15"	267	--	--	--
796	PRC FLAR END SEC 15	463+21	62.0	RT	--	933.86	--	--	--	797 - DIA 15"	--	--	--	261	--	--	--
797	PRC FLAR END SEC 15	462+76	63.0	RT	--	--	934.10	--	--	--	797 - DIA 15"	--	--	261	--	--	--
798	PRC FLAR END SEC 15	461+34	63.0	RT	--	934.70	--	--	--	799 - DIA 15"	--	--	--	261	--	--	--
799	PRC FLAR END SEC 15	460+93	62.0	RT	--	--	934.90	--	--	--	799 - DIA 15"	--	--	261	--	--	--
801	DRYWELL	478+30	44.0	RT	927.85	--	923.81	923.82	--	--	801 - DIA 15"	802 - DIA 15"	--	263	--	--	--
802	CB TA 4 DIA T24F&G	478+30	35.0	RT	927.47	--	--	923.85	923.84	--	--	803 - DIA 15"	802 - DIA 15"	263	YES	--	FLAT
803	CB TA 4 DIA T24F&G	478+30	11.0	RT	927.95	--	--	923.95	923.93	--	--	804 - DIA 15"	803 - DIA 15"	263	YES	--	FLAT
804	CB TA 4 DIA T24F&G	478+30	11.0	LT	927.95	--	--	924.05	924.02	--	--	805 - DIA 15"	804 - DIA 15"	263	YES	--	FLAT
805	INLETS TB T24F&G	478+30	35.5	LT	927.47	--	--	--	924.13	--	--	--	805 - DIA 15"	263	YES	--	FLAT
806	MAN TA 4 DIA T1F CL	479+60	42.5	RT	928.52	923.31	923.30	923.75	--	801 - DIA 15"	806 - DIA 15"	807 - DIA 15"	--	263	--	--	FLAT
807	CB TA 4 DIA T24F&G	479+60	35.0	RT	928.12	--	--	923.85	923.78	--	--	808 - DIA 15"	807 - DIA 15"	263	YES	--	FLAT
808	INLETS TB T24F&G	479+60	35.5	LT	928.12	--	--	--	924.25	--	--	--	808 - DIA 15"	263	YES	--	FLAT
809	MAN TA 4 DIA T1F CL	480+90	42.5	RT	929.17	922.80	--	923.25	922.53	806 - DIA 15"	--	810 - DIA 15"	809 - DIA 18"	263	--	--	TAPERED
810	CB TA 4 DIA T24F&G	480+90	35.0	RT	928.77	--	--	923.35	923.28	--	--	853 - DIA 15"	810 - DIA 15"	263	YES	YES	TAPERED
811	INLETS TB T24F&G	480+90	35.5	LT	928.77	--	--	--	923.86	--	--	--	811 - DIA 15"	263	YES	YES	FLAT
812	MAN TA 5 DIA T1F CL	480+90	49.7	RT	929.03	922.02	922.02	922.50	--	813 - DIA 30"	812 - DIA 30"	809 - DIA 18"	--	263	--	--	FLAT
813	MAN TA 5 DIA T1F CL	479+20	49.0	RT	928.18	--	922.60	--	--	--	813 - DIA 30"	--	--	263	--	--	FLAT
814	MH TA 6D W/2 T1FCL RP	481+00	48.0	RT	929.12	922.00	922.00	--	--	812 - DIA 30"	814 - DIA 18"	--	--	263	--	--	FLAT
815	MAN TA 5 DIA T1F CL	481+20	47.0	RT	929.18	921.85	922.50	921.90	920.74	814 - DIA 18"	818 - DIA 18"	817 - DIA 24"	815 - DIA 24"	263	--	--	TAPERED
816	PRC FLAR END SEC 24	481+20	73.0	RT	--	--	--	920.50	--	--	--	815 - DIA 24"	--	263	--	--	--
817	PRC FLAR END SEC 24	481+20	64.3	LT	--	--	--	--	923.00	--	--	--	817 - DIA 24"	263	--	--	--
818	MH TA 6D W/2 T1FCL RP	481+32	48.0	RT	929.28	922.56	922.57	--	--	818 - DIA 18"	840 - DIA 30"	--	--	263	--	--	FLAT
819	MAN TA 4 DIA T1F CL	481+45	42.5	RT	929.45	--	924.10	--	924.03	--	820 - DIA 18"	--	819 - DIA 18"	263	--	--	FLAT
820	MAN TA 4 DIA T1F CL	482+20	42.5	RT	929.82	924.46	924.50	924.75	--	820 - DIA 18"	823 - DIA 18"	821 - DIA 15"	--	263	--	--	FLAT
821	CB TA 4 DIA T24F&G	482+20	35.0	RT	929.42	--	--	924.85	924.78	--	--	822 - DIA 15"	821 - DIA 15"	263	YES	--	FLAT

NOTE

SEE SHEET 282 FOR DRYWELL STRUCTURE BOTTOM ELEVATION.

FILE NAME = $FILE$	USER NAME = HECHTBR	DESIGNED - MRK	REVISED -	
exp U.S. Services Inc. Chicago, IL BUILDINGS·EARTH & ENVIRONMENT·ENERGY INDUSTRIAL·INFRASTRUCTURE·SUSTAINABILITY		DRAWN - MRK	REVISED -	
	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -	
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

DRAINAGE SCHEDULE – VI
STRUCTURES

SCALE: N.T.S. | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	275
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NO.	STRUCTURE DESCRIPTION	CENTERLINE			PROPOSED RIM ELEVATION	INVERTS				PIPE CONNECTIONS (Pipe No. - Pipe Size)				SHEET NO.	INLET FILTER	UNDERDRAIN CONNECTION	STRUCTURE TOP SLAB
		STATION	OFFSET	DIR.		NORTH	SOUTH	EAST	WEST	NORTH	SOUTH	EAST	WEST				
822	INLETS TB T24F&G	482+20	35.5	LT	929.42	--	--	--	925.25	--	--	--	822 - DIA 15"	263	YES	--	FLAT
823	MAN TA 4 DIA T1F CL	483+50	42.5	RT	930.47	925.13	925.20	925.45	--	823 - DIA 18"	826 - DIA 18"	824 - DIA 15"	--	263	--	--	FLAT
824	CB TA 4 DIA T24F&G	483+50	35.0	RT	930.07	--	--	925.50	925.48	--	--	828 - DIA 15"	824 - DIA 15"	263	YES	--	FLAT
825	INLETS TB T24F&G	483+50	35.5	LT	930.07	--	--	--	926.08	--	--	--	825 - DIA 15"	263	YES	--	FLAT
826	DRYWELL	484+80	44.0	RT	931.10	925.70	925.75	926.05	--	826 - DIA 18"	831 - DIA 18"	827 - DIA 15"	--	263	--	--	--
827	CB TA 4 DIA T24F&G	484+80	35.0	RT	930.72	--	--	926.15	926.10	--	--	830 - DIA 15"	827 - DIA 15"	263	YES	YES	FLAT
828	CB TA 4 DIA T24F&G	483+50	11.0	RT	930.55	--	--	925.75	925.62	--	--	829 - DIA 15"	828 - DIA 15"	263	YES	--	FLAT
829	CB TA 4 DIA T24F&G	483+50	11.0	LT	930.55	--	--	925.95	925.86	--	--	825 - DIA 15"	829 - DIA 15"	263	YES	--	FLAT
830	INLETS TB T24F&G	484+80	35.5	LT	930.72	--	--	--	926.55	--	--	--	830 - DIA 15"	263	YES	YES	FLAT
831	MAN TA 4 DIA T1F CL	486+10	42.5	RT	931.77	926.25	926.55	926.55	--	831 - DIA 18"	834 - DIA 15"	832 - DIA 15"	--	263	--	--	TAPERED
832	CB TA 4 DIA T24F&G	486+10	35.0	RT	931.37	--	--	926.65	926.58	--	--	855 - DIA 15"	832 - DIA 15"	263	YES	--	FLAT
833	INLETS TB T24F&G	486+10	35.5	LT	931.37	--	--	--	927.16	--	--	--	833 - DIA 15"	263	YES	--	FLAT
834	MAN TA 4 DIA T1F CL	487+30	42.5	RT	932.37	927.13	927.15	927.25	--	834 - DIA 15"	837 - DIA 15"	835 - DIA 15"	--	263	--	--	TAPERED
835	CB TA 4 DIA T24F&G	487+30	35.0	RT	931.97	--	--	927.35	927.28	--	--	836 - DIA 15"	835 - DIA 15"	263	YES	--	FLAT
836	INLETS TB T24F&G	487+30	35.5	LT	931.97	--	--	--	927.75	--	--	--	836 - DIA 15"	263	YES	--	FLAT
837	MAN TA 4 DIA T1F CL	488+40	42.5	RT	932.92	927.68	--	927.75	--	837 - DIA 15"	--	838 - DIA 15"	--	265	--	--	TAPERED
838	CB TA 4 DIA T24F&G	488+40	35.0	RT	932.52	--	--	927.85	927.78	--	--	839 - DIA 15"	838 - DIA 15"	265	YES	--	FLAT
839	INLETS TB T24F&G	488+40	35.5	LT	932.52	--	--	--	928.25	--	--	--	839 - DIA 15"	265	YES	--	FLAT
840	MAN TA 5 DIA T1F CL	481+44	49.8	RT	929.30	922.59	922.60	924.00	--	840 - DIA 30"	841 - DIA 30"	819 - DIA 18"	--	263	--	--	FLAT
841	MAN TA 5 DIA T1F CL	484+00	49.0	RT	930.58	923.48	--	--	--	841 - DIA 30"	--	--	--	263	--	--	FLAT
842	PRC FLAR END SEC 15	486+80	61.0	RT	--	--	928.70	--	--	--	843 - DIA 15"	--	--	263	--	--	--
843	PRC FLAR END SEC 15	487+11	61.0	RT	--	928.86	--	--	--	843 - DIA 15"	--	--	--	263	--	--	--
850	CB TA 4 DIA T24F&G	475+60	11.0	LT	926.60	--	--	922.60	922.59	--	--	785 - DIA 15"	850 - DIA 15"	263	YES	--	FLAT
851	CB TA 4 DIA T24F&G	475+60	11.0	RT	926.60	--	--	922.50	922.40	--	--	850 - DIA 15"	851 - DIA 15"	263	YES	--	FLAT
852	CB TA 4 DIA T24F&G	480+90	11.0	LT	929.25	--	--	923.75	923.64	--	--	811 - DIA 15"	852 - DIA 15"	263	YES	--	TAPERED
853	CB TA 4 DIA T24F&G	480+90	11.0	RT	929.25	--	--	923.55	923.45	--	--	852 - DIA 15"	853 - DIA 15"	263	YES	--	TAPERED
854	CB TA 4 DIA T24F&G	486+10	11.0	LT	931.85	--	--	927.05	926.94	--	--	833 - DIA 15"	854 - DIA 15"	263	YES	--	FLAT
855	CB TA 4 DIA T24F&G	486+10	11.0	RT	931.85	--	--	926.85	926.75	--	--	854 - DIA 15"	855 - DIA 15"	263	YES	--	FLAT
856	CB TA 4 DIA T24F&G	464+96	11.0	LT	937.13	932.47	--	--	--	856 - DIA 15"	--	--	--	261	YES	--	FLAT
857	CB TA 4 DIA T24F&G	461+40	11.0	RT	938.67	--	--	932.75	932.37	--	--	858 - DIA 15"	857 - DIA 15"	261	YES	--	TAPERED
858	CB TA 4 DIA T24F&G	461+40	11.0	LT	938.67	--	--	933.25	932.86	--	--	734 - DIA 15"	858 - DIA 15"	261	YES	--	TAPERED
859	MAN TA 5 DIA T1F CL	460+20	42.5	RT	938.94	930.00	929.69	932.75	--	727 - DIA 24"	859 - DIA 24"	860 - DIA 15"	--	261	--	--	FLAT
860	CB TA 4 DIA T24F&G	460+20	35.0	RT	938.54	--	--	933.25	932.77	--	--	861 - DIA 15"	860 - DIA 15"	261	YES	--	TAPERED
861	INLETS TB T24F&G	460+20	35.5	LT	938.54	--	--	--	933.65	--	--	--	861 - DIA 15"	261	YES	--	FLAT
862	CB TA 4 DIA T24F&G	457+05	11.0	RT	939.96	--	--	935.65	935.57	--	--	863 - DIA 15"	862 - DIA 15"	260	YES	--	FLAT
863	CB TA 4 DIA T24F&G	457+05	11.0	LT	939.96	--	--	935.85	935.76	--	--	723 - DIA 15"	863 - DIA 15"	260	YES	--	FLAT
864	CB TA 4 DIA T24F&G	455+05	4.1	LT	940.65	--	--	936.50	936.44	--	--	717 - DIA 15"	864 - DIA 15"	260	YES	--	FLAT
865	CB TA 4 DIA T24F&G	455+05	11.0	RT	940.55	--	--	936.40	936.38	--	--	864 - DIA 15"	865 - DIA 15"	260	YES	--	FLAT
866	MAN TA 4 DIA T1F CL	454+30	45.8	RT	940.61	936.30	936.28	936.55	--	712 - DIA 18"	866 - DIA 18"	867 - DIA 15"	--	260	--	--	FLAT
867	CB TA 4 DIA T24F&G	454+30	38.3	RT	940.21	--	--	936.60	936.57	--	--	868 - DIA 15"	867 - DIA 15"	260	YES	--	FLAT
868	INLETS TB T24F&G	454+30	35.5	LT	940.29	--	--	--	936.88	--	--	--	868 - DIA 15"	260	YES	--	FLAT
869	INLETS TB T24F&G	452+35	35.5	LT	941.13	--	936.98	--	--	--	869 - DIA 15"	--	--	260	YES	--	FLAT
870	PRC FLAR END SEC 15	853+21	32.0	LT	--	--	--	934.20	--	--	--	871 - DIA 15"	--	267	--	--	--
871	PRC FLAR END SEC 15	853+51	32.5	LT	--	--	--	--	934.40	--	--	--	871 - DIA 15"	267	--	--	--
880	PRC FLAR END SEC 12	461+40	57.0	LT	--	--	--	--	936.00	--	--	--	880 - DIA 12"	261	--	--	--
881	PRC FLAR END SEC 12	466+19	86.0	LT	--	--	--	--	930.48	--	--	--	EP - DIA 12"	261	--	--	--
883	PRC FLAR END SEC 12	460+88	64.2	LT	--	--	936.27	--	--	--	883 - DIA 12"	--	--	261	--	--	--
884	PRC FLAR END SEC 12	461+12	64.2	LT	--	936.20	--	--	--	883 - DIA 12"	--	--	--	261	--	--	--
890	PRC FLAR END SEC 15	805+06	33.1	RT	--	932.90	--	--	--	891 - DIA 15"	--	--	--	266	--	--	--
891	CB TA 4 DIA T8G	805+71	22.0	RT	938.00	--	933.54	--	--	--	891 - DIA 15"	--	--	266	--	--	FLAT

EP - EXISTING PIPE

NOTE

SEE SHEET 282 FOR DRYWELL STRUCTURE BOTTOM ELEVATION.

STORM SEWER SCHEDULE

PIPE NO.	PIPE DESCRIPTION	PIPE SIZE	LENGTH (FT)	SLOPE (%)	TRENCH BACKFILL (CUYD)	SHEET NO.	FROM STRUCTURE	TO STRUCTURE
101	STORM SEW CL A 2 30	DIA 30''	48	0.80	14.7	250	102	101
102	STORM SEW CL A 2 30	DIA 30''	20	0.80	7.4	250	103	102
103	STORM SEW CL A 2 30	DIA 30''	42	0.80	14.8	250	104	103
104	STORM SEW CL A 2 30	DIA 30''	4	0.50	2.9	250	105	104
105	STORM SEW CL A 2 24	DIA 24''	194	0.40	72.4	250	107	105
106	STORM SEW CL A 2 15	DIA 15''	91	0.80	0.0	250	106	105
107	STORM SEW CL A 2 18	DIA 18''	200	0.30	67.0	250	160	107
110	STORM SEW CL A 2 15	DIA 15''	27	0.60	6.6	250	110	103
111	STORM SEW CL A 2 15	DIA 15''	20	1.00	3.1	250	111	103
112	STORM SEW CL A 2 18	DIA 18''	23	0.80	1.8	250	112	107
113	STORM SEW CL A 1 15	DIA 15''	56	0.40	11.3	250	113	153
114	STORM SEW CL A 1 15	DIA 15''	27	0.40	5.1	250	114	150
115	STORM SEW CL A 2 15	DIA 15''	41	0.60	9.9	250	115	106
116	STORM SEW CL A 2 15	DIA 15''	131	1.00	98.7	250	116	119
117	STORM SEW CL A 2 15	DIA 15''	41	0.60	15.2	250	117	116
119	STORM SEW CL A 2 15	DIA 15''	42	1.00	30.8	250	118	119
120	STORM SEW CL A 2 15	DIA 15''	29	1.00	27.7	250	119	120
121	STORM SEW CL A 2 15	DIA 15''	60	1.00	48.7	250	120	121
122	STORM SEW CL A 2 24	DIA 24''	40	1.00	0.0	251	123	122
123	STORM SEW CL A 2 24	DIA 24''	49	1.00	74.9	251	125	123
125	STORM SEW CL A 2 24	DIA 24''	155	1.00	0.0	251	128	125
126	STORM SEW CL A 2 15	DIA 15''	3	1.00	3.5	251	126	125
127	STORM SEW CL A 2 15	DIA 15''	41	1.00	30.0	251	127	126
128	STORM SEW CL A 2 18	DIA 18''	166	1.00	0.0	251	132	128
129	STORM SEW CL A 2 15	DIA 15''	3	1.00	2.2	251	129	128
130	STORM SEW CL A 2 15	DIA 15''	42	1.00	13.8	251	130	129
132	STORM SEW CL A 2 15	DIA 15''	126	0.80	0.0	251	140	132
133	STORM SEW CL A 2 15	DIA 15''	3	1.00	2.2	251	133	132
134	STORM SEW CL A 2 15	DIA 15''	42	0.60	10.9	251	134	133
135	STORM SEW CL A 1 12	DIA 12''	13	1.00	2.2	251	135	132
136	STORM SEW CL A 2 15	DIA 15''	30	1.00	11.1	251	131	136
137	STORM SEW CL A 2 15	DIA 15''	16	1.00	10.6	251	137	136
138	STORM SEW CL A 2 15	DIA 15''	16	1.00	10.6	251	138	136
139	STORM SEW CL A 2 18	DIA 18''	30	1.00	0.0	251	136	139
140	STORM SEW CL A 2 15	DIA 15''	4	1.00	1.3	251	142	140
141	STORM SEW CL A 1 12	DIA 12''	12	1.00	2.0	251	141	146
142	STORM SEW CL A 1 15	DIA 15''	42	0.60	8.3	251	143	142
144	STORM SEW CL A 2 15	DIA 15''	3	1.00	2.1	251	144	146
145	STORM SEW CL A 2 15	DIA 15''	42	0.60	7.1	251	145	144
146	STORM SEW CL A 2 15	DIA 15''	126	0.80	0.0	251	146	140
147	STORM SEW CL A 2 15	DIA 15''	26	1.00	8.1	251	147	129
148	STORM SEW CL A 2 15	DIA 15''	26	1.00	8.1	251	148	129
150	STORM SEW CL A 1 15	DIA 15''	46	0.40	8.2	250	150	151
151	STORM SEW CL A 1 15	DIA 15''	46	0.40	8.5	250	151	152
152	STORM SEW CL A 1 15	DIA 15''	46	0.40	8.8	250	152	113
153	STORM SEW CL A 1 15	DIA 15''	71	0.50	15.7	250	153	110
154	STORM SEW WM REQ 12	DIA 12''	19	1.00	1.9	251	154	159
155	STORM SEW CL A 1 15	DIA 15''	51	1.00	5.3	250	155	102
156	STORM SEW CL A 2 15	DIA 15''	32	1.00	8.5	251	156	126
157	STORM SEW CL A 1 12	DIA 12''	18	1.00	1.0	250	157	104
159	STORM SEW CL A 1 12	DIA 12''	65	0.80	0.0	250	159	117
160	STORM SEW CL A 2 18	DIA 18''	55	0.30	21.2	250	108	160
171	STORM SEW CL A 1 12	DIA 12''	18	0.50	0.0	250	171	EP
202	STORM SEW CL A 2 15	DIA 15''	3	1.00	1.3	251	201	202
203	STORM SEW CL A 2 15	DIA 15''	246	1.00	79.6	251	202	203
204	STORM SEW WM REQ 18	DIA 18''	56	1.00	18.9	252	203	204
205	STORM SEW CL A 2 15	DIA 15''	3	1.00	0.8	252	205	203
206	STORM SEW CL A 2 18	DIA 18''	51	1.00	16.9	252	204	206
208	STORM SEW CL A 2 18	DIA 18''	51	1.00	16.4	252	206	208
209	STORM SEW CL A 2 18	DIA 18''	28	1.00	8.7	252	208	209
210	STORM SEW CL A 2 18	DIA 18''	16	1.00	4.7	252	209	210
211	STORM SEW CL A 2 24	DIA 24''	94	0.50	25.3	252	210	239
212	STORM SEW CL A 1 18	DIA 18''	156	0.90	28.4	252	211	212
213	STORM SEW CL A 1 24	DIA 24''	115	0.70	21.5	252	212	213
214	STORM SEW CL A 1 24	DIA 24''	95	0.50	0.0	252	213	214
215	STORM SEW CL A 1 24	DIA 24''	44	0.46	9.0	252	214	215
216	STORM SEW CL A 1 24	DIA 24''	14	0.50	0.0	252	215	216
217	STORM SEW CL A 1 12	DIA 12''	16	0.40	0.1	252	217	218
218	STORM SEW CL A 1 12	DIA 12''	10	0.30	0.0	252	218	242
219	STORM SEW CL A 1 12	DIA 12''	16	0.30	0.0	252	219	218
220	STORM SEW CL A 1 15	DIA 15''	3	1.00	0.4	252	220	228
221	STORM SEW CL A 2 15	DIA 15''	36	0.40	0.0	252	221	228

EP - EXISTING PIPE

STORM SEWER SCHEDULE

PIPE NO.	PIPE DESCRIPTION	PIPE SIZE	LENGTH (FT)	SLOPE (%)	TRENCH BACKFILL (CUYD)	SHEET NO.	FROM STRUCTURE	TO STRUCTURE
222	STORM SEW CL A 1 15	DIA 15''	13	1.00	0.4	252	222	227
223	STORM SEW CL A 2 15	DIA 15''	8	0.40	1.6	252	223	221
224	STORM SEW CL A 1 15	DIA 15''	10	1.00	1.1	252	224	213
225	STORM SEW CL A 1 15	DIA 15''	8	1.00	0.6	252	225	212
226	STORM SEW CL A 1 15	DIA 15''	11	1.00	1.5	252	226	211
227	STORM SEW CL A 1 15	DIA 15''	11	0.50	1.2	252	227	221
228	STORM SEW CL A 2 15	DIA 15''	5	0.50	0.0	252	228	214
229	STORM SEW CL A 1 12	DIA 12''	49	0.37	0.9	252	229	214
230	STORM SEW CL A 1 12	DIA 12''	50	0.40	2.7	252	230	212
231	STORM SEW CL A 1 12	DIA 12''	49	0.50	3.1	252	231	211
232	STORM SEW CL A 2 15	DIA 15''	50	0.50	6.4	252	232	210
233	STORM SEW CL A 1 15	DIA 15''	42	0.50	4.5	252	233	205
234	STORM SEW CL A 1 12	DIA 12''	25	0.50	2.9	252	234	235
237	P CUL CL A 1 18	DIA 18''	25	0.80	0.0	252	241	237
240	STORM SEW CL A 2 24	DIA 24''	69	0.50	13.9	252	239	240
241	P CUL CL A 1 18	DIA 18''	106	0.94	0.0	252	238	241
247	STORM SEW CL A 1 24	DIA 24''	17	0.35	5.1	253	247	251
248	STORM SEW CL A 2 15	DIA 15''	89	0.60	0.0	253	248	250
249	STORM SEW CL A 2 15	DIA 15''	9	1.00	2.0	253	249	250
250	STORM SEW CL A 2 15	DIA 15''	63	0.60	0.0	253	250	260
251	STORM SEW CL A 1 24	DIA 24''	83	0.30	24.4	253	252	247
252	STORM SEW CL A 1 18	DIA 18''	3	1.00	0.3	253	253	252
253	STORM SEW CL A 1 15	DIA 15''	24	0.50	0.9	253	254	253
254	STORM SEW CL A 1 15	DIA 15''	18	0.50	0.4	253	255	254
256	STORM SEW CL A 1 15	DIA 15''	3	0.50	0.3	253	256	257
257	STORM SEW CL A 1 24	DIA 24''	96	0.50	13.3	253	257	247
258	STORM SEW WM REQ 24	DIA 24''	205	0.50	54.7	253	258	257
259	STORM SEW CL A 2 18	DIA 18''	3	0.60	0.8	253	259	258
260	STORM SEW CL A 2 18	DIA 18''	98	0.50	32.6	253	260	258
261	STORM SEW CL A 2 15	DIA 15''	9	1.00	0.9	253	261	262
262	STORM SEW CL A 2 15	DIA 15''	89	0.40	24.0	253	262	260
263	STORM SEW CL A 1 15	DIA 15''	24	1.00	2.0	253	264	263
264	STORM SEW CL A 1 18	DIA 18''	82	0.60	16.2	253	263	259
265	STORM SEW WM REQ 15	DIA 15''	99	0.50	6.1	253	265	266
266	STORM SEW CL A 1 15	DIA 15''	90	0.35	3.8	253	266	256
267	STORM SEW CL A 1 12	DIA 12''	20	0.30	0.1	253	267	268
268	STORM SEW CL A 1 15	DIA 15''	24	0.30	0.4	253	268	269
269	STORM SEW CL A 1 15	DIA 15''	30	0.30	2.3	253	269	270
270	STORM SEW CL A 1 15	DIA 15''	7	0.30	0.6	253	270	271
271	STORM SEW CL A 1 15	DIA 15''	41	0.40	4.8	253	271	253
272	STORM SEW WM REQ 24	DIA 24''	157	0.30	31.0	253	272	252
273	STORM SEW CL A 1 24	DIA 24''	3	0.30	0.8	253	273	272
274	STORM SEW CL A 1 24	DIA 24''	86	0.30	16.1	253	274	273
275	STORM SEW CL A 1 24	DIA 24''	10	0.41	0.8	253	275	274
276	STORM SEW CL A 2 15	DIA 15''	87	1.00	21.6	253	276	277
277	STORM SEW CL A 2 15	DIA 15''	4	1.00	1.2	253	277	279
278	STORM SEW CL A 2 15	DIA 15''	27	1.00	9.0	253	279	278
279	STORM SEW CL A 2 15	DIA 15''	231	1.50	218.4	253	280	279
280	STORM SEW CL A 2 15	DIA 15''	231	2.00	279.2	253	281	280
282	STORM SEW CL A 2 15	DIA 15''	30	2.00	10.4	253	282	291
283	STORM SEW CL A 1 12	DIA 12''	18	1.00	2.3	253	283	282
286	P CUL CL A 2 15	DIA 15''	57	1.00	11.0	253	286	285
287	P CUL CL A 2 15	DIA 15''	17	3.29	0.0	253	287	286
288	P CUL CL A 1 12	DIA 12''	18	0.50	0.4	251	288	289
290	STORM SEW CL A 1 15	DIA 15''	24	1.00	2.6	253	290	270
291	STORM SEW CL A 2 15	DIA 15''	4	2.00	2.5	253	291	280
292	STORM SEW CL A 1 12	DIA 12''	4	2.00	0.3	254	292	281
293	STORM SEW CL A 2 15	DIA 15''	42	0.50	5.0	251	293	201
294	STORM SEW CL A 1 12	DIA 12''	42	0.40	3.1	252	294	223
301	STORM SEW CL A 1 24	DIA 24''	90	0.50	6.3	256	302	301
302	STORM SEW CL A 1 24	DIA 24''	30	0.60	3.4	256	303	302
303	STORM SEW CL A 1 24	DIA 24''	11	0.60	2.5	256	306	303
304	STORM SEW CL A 1 15	DIA 15''	3	0.60	0.4	256	304	306
306	STORM SEW CL A 2 24	DIA 24''	211	0.60	84.7	254	308	306
308	STORM SEW CL A 2 15	DIA 15''	3	1.00	0.8	254	309	308
309	STORM SEW CL A 2 15	DIA 15''	32	1.00	8.3	254	310	309
310	STORM SEW CL A 1 15	DIA 15''	44	0.50	8.5	254	312	308
311	STORM SEW CL A 2 15	DIA 15''	8	1.00	1.4	254	311	310
313	STORM SEW CL A 2 24	DIA 24''	161	0.50	146.8	254	313	308
314	STORM SEW CL A 2 24	DIA 24''	176	0.40	153.3	254	314	313
315	STORM SEW CL A 2 24	DIA 24''	145	0.40	93.0	254	315	314
316	STORM SEW CL A 2 15	DIA 15''	3	1.00	0.6	254	316	314

FILE NAME = $FILEL$	USER NAME = HECHTBR	DESIGNED - MRK	REVISED -	
exp U.S. Services Inc. Chicago, IL BUILDINGS·EARTH & ENVIRONMENT·ENERGY INDUSTRIAL·INFRASTRUCTURE·SUSTAINABILITY		DRAWN - MRK	REVISED -	
	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -	
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

DRAINAGE SCHEDULE – VIII
PIPES

SCALE: N.T.S. | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	277
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

STORM SEWER SCHEDULE

PIPE NO.	PIPE DESCRIPTION	PIPE SIZE	LENGTH (FT)	SLOPE (%)	TRENCH BACKFILL (CUYD)	SHEET NO.	FROM STRUCTURE	TO STRUCTURE
317	STORM SEW CL A 2 15	DIA 15"	16	1.00	2.0	254	317	318
318	STORM SEW CL A 2 15	DIA 15"	3	1.00	0.5	254	318	315
319	STORM SEW CL A 2 18	DIA 18"	10	0.40	2.6	254	319	315
320	STORM SEW CL A 2 18	DIA 18"	30	0.40	3.9	254	320	319
321	STORM SEW CL A 1 12	DIA 12"	31	0.50	1.0	254	321	320
322	STORM SEW CL A 1 12	DIA 12"	17	0.50	0.6	254	322	320
323	STORM SEW CL A 2 18	DIA 18"	175	0.50	48.9	254	323	315
324	STORM SEW CL A 2 15	DIA 15"	4	1.00	0.6	254	324	323
325	STORM SEW CL A 1 15	DIA 15"	31	0.40	2.7	254	325	330
326	STORM SEW CL A 1 12	DIA 12"	3	1.00	0.1	254	326	320
327	STORM SEW CL A 1 15	DIA 15"	50	0.50	10.5	254	327	314
328	STORM SEW CL A 1 12	DIA 12"	5	1.00	0.2	254	328	312
329	STORM SEW CL A 1 12	DIA 12"	31	1.00	1.1	254	329	302
330	STORM SEW CL A 2 15	DIA 15"	13	0.60	2.5	254	330	323
351	STORM SEW CL A 1 12	DIA 12"	33	1.00	3.2	256	351	352
352	STORM SEW CL A 2 15	DIA 15"	18	1.00	2.4	256	352	354
354	SS CL A 2 EQRS 30	SPAN 38", RISE 24"	97	0.20	0.0	256	354	357
355	STORM SEW CL A 1 15	DIA 15"	50	0.90	5.0	256	355	357
356	STORM SEW CL A 1 15	DIA 15"	4	1.00	0.0	256	356	363
357	SS CL A 2 EQRS 30	SPAN 38", RISE 24"	94	0.20	0.0	256	357	361
358	STORM SEW CL A 1 15	DIA 15"	47	1.00	6.7	256	358	359
359	STORM SEW CL A 2 15	DIA 15"	4	1.00	0.6	256	359	361
361	SS CL A 2 EQRS 24	SPAN 30", RISE 19"	40	0.20	0.0	256	361	363
362	STORM SEW CL A 1 12	DIA 12"	4	1.00	0.0	256	362	364
363	SS CL A 2 EQRS 24	SPAN 30", RISE 19"	50	0.20	0.0	256	363	364
364	SS CL A 2 EQRS 24	SPAN 30", RISE 19"	114	0.20	0.0	256	364	370
365	STORM SEW CL A 1 12	DIA 12"	16	1.00	0.4	256	365	366
366	STORM SEW CL A 1 15	DIA 15"	4	1.00	0.2	256	366	370
367	STORM SEW CL A 1 15	DIA 15"	18	0.50	0.5	256	367	366
368	STORM SEW CL A 1 12	DIA 12"	61	0.50	0.1	256	368	367
370	SS CL A 2 EQRS 24	SPAN 30", RISE 19"	31	0.20	0.0	256	370	371
371	SS CL A 2 EQRS 24	SPAN 30", RISE 19"	28	0.53	0.0	256	371	372
372	SS CL A 2 EQRS 24	SPAN 30", RISE 19"	22	0.45	0.0	256	372	383
374	STORM SEW CL A 1 12	DIA 12"	28	0.50	0.1	256	374	375
375	STORM SEW CL A 1 15	DIA 15"	3	1.00	0.1	256	375	377
376	STORM SEW CL A 2 15	DIA 15"	15	0.53	0.0	256	377	376
377	STORM SEW CL A 1 15	DIA 15"	58	0.50	3.6	256	386	418
378	STORM SEW CL A 1 12	DIA 12"	5	0.50	0.0	256	378	377
379	STORM SEW CL A 1 15	DIA 15"	30	1.00	4.9	256	379	380
380	STORM SEW CL A 1 15	DIA 15"	3	1.00	0.4	256	380	381
381	STORM SEW CL A 2 15	DIA 15"	206	0.40	0.0	256	381	377
382	STORM SEW CL A 1 12	DIA 12"	5	1.85	0.0	256	382	381
384	STORM SEW CL A 2 15	DIA 15"	3	1.00	0.4	256	384	379
385	STORM SEW CL A 1 15	DIA 15"	43	1.00	6.8	256	385	358
386	STORM SEW CL A 1 15	DIA 15"	18	1.10	0.0	256	376	386
387	STORM SEW CL A 1 15	DIA 15"	17	0.50	0.9	256	387	386
401	STORM SEW CL A 1 15	DIA 15"	20	0.50	2.4	255	403	401
402	STORM SEW CL A 1 12	DIA 12"	3	1.00	0.1	255	402	403
403	SS CL A 2 EQRS 24	SPAN 30", RISE 19"	32	0.20	0.3	255	407	416
404	STORM SEW CL A 1 12	DIA 12"	18	1.00	0.0	255	404	405
405	STORM SEW CL A 1 12	DIA 12"	3	1.00	0.1	255	405	407
406	STORM SEW CL A 1 12	DIA 12"	16	1.00	0.0	255	406	405
407	SS CL A 2 EQRS 24	SPAN 30", RISE 19"	214	0.20	13.8	255	409	407
408	STORM SEW CL A 2 15	DIA 15"	3	1.00	0.2	255	408	409
409	SS CL A 2 EQRS 24	SPAN 30", RISE 19"	144	0.20	36.2	255	411	409
410	STORM SEW CL A 1 12	DIA 12"	25	0.50	1.5	255	410	400
412	STORM SEW CL A 1 15	DIA 15"	3	1.00	0.2	255	412	413
413	STORM SEW CL A 1 15	DIA 15"	100	1.00	0.0	255	413	403
414	STORM SEW CL A 1 15	DIA 15"	4	1.00	0.4	255	414	415
415	STORM SEW CL A 1 15	DIA 15"	100	1.00	11.8	255	415	413
416	STORM SEW CL A 1 15	DIA 15"	22	0.30	1.4	255	416	417
417	STORM SEW CL A 1 15	DIA 15"	119	0.30	6.8	255	417	418
418	STORM SEW CL A 1 15	DIA 15"	19	0.50	1.4	256	418	372
419	STORM SEW CL A 1 12	DIA 12"	17	0.58	0.1	255	409	419
451	STORM SEW CL A 2 30	DIA 30"	39	0.60	22.7	257	452	451
452	STORM SEW CL A 2 18	DIA 18"	156	0.40	0.0	257	453	452
453	STORM SEW CL A 1 15	DIA 15"	188	0.80	0.0	257	454	453
454	STORM SEW CL A 2 15	DIA 15"	196	1.00	0.0	257	455	454
455	STORM SEW CL A 2 15	DIA 15"	194	1.00	0.0	257	456	455
457	STORM SEW CL A 2 15	DIA 15"	41	1.00	7.9	257	457	453
458	STORM SEW CL A 2 15	DIA 15"	18	1.00	4.6	257	458	457
459	STORM SEW CL A 2 15	DIA 15"	144	1.50	0.0	257	459	452

STORM SEWER SCHEDULE

PIPE NO.	PIPE DESCRIPTION	PIPE SIZE	LENGTH (FT)	SLOPE (%)	TRENCH BACKFILL (CUYD)	SHEET NO.	FROM STRUCTURE	TO STRUCTURE
460	STORM SEW CL A 2 24	DIA 24"	113	1.00	37.5	257	460	452
461	STORM SEW CL A 1 24	DIA 24"	13	1.48	0.0	257	461	460
462	STORM SEW CL A 1 18	DIA 18"	70	1.73	9.4	257	462	460
464	P CUL CL A 1 15	DIA 15"	35	2.00	4.3	257	463	464
501	STORM SEW CL A 2 24	DIA 24"	153	1.00	0.0	258	502	501
502	STORM SEW CL A 2 24	DIA 24"	8	1.00	12.5	258	503	502
503	STORM SEW CL A 2 36	DIA 36"	311	0.40	383.0	258	504	503
504	STORM SEW CL A 2 18	DIA 18"	3	1.00	0.7	258	505	504
505	STORM SEW CL A 2 18	DIA 18"	30	0.60	9.0	258	506	505
506	STORM SEW CL A 2 18	DIA 18"	18	0.50	12.3	258	508	506
507	STORM SEW CL A 2 15	DIA 15"	41	0.50	9.0	258	509	507
508	STORM SEW CL A 2 18	DIA 18"	13	0.50	5.1	258	507	508
509	STORM SEW CL A 1 15	DIA 15"	38	0.40	0.0	258	514	509
510	STORM SEW CL A 1 15	DIA 15"	42	0.40	0.0	258	510	514
511	STORM SEW CL A 2 15	DIA 15"	3	1.00	0.5	258	511	513
512	STORM SEW CL A 2 15	DIA 15"	43	1.00	8.9	258	512	511
513	STORM SEW CL A 2 15	DIA 15"	190	1.00	0.0	258	513	504
515	STORM SEW CL A 2 24	DIA 24"	130	1.00	191.4	258	515	502
516	STORM SEW CL A 2 15	DIA 15"	78	1.00	0.0	258	516	515
517	STORM SEW CL A 1 12	DIA 12"	20	1.00	1.0	258	517	505
518	STORM SEW CL A 2 15	DIA 15"	109	1.00	0.0	258	518	516
551	STORM SEW CL A 2 24	DIA 24"	23	1.00	0.0	258	552	551
552	STORM SEW CL A 2 24	DIA 24"	3	1.00	2.9	258	553	552
553	STORM SEW CL A 2 24	DIA 24"	42	1.00	38.8	258	554	553
554	STORM SEW CL A 2 24	DIA 24"	74	1.09	17.7	258	555	554
556	STORM SEW CL A 2 15	DIA 15"	3	1.00	0.9	258	556	557
557	STORM SEW CL A 2 15	DIA 15"	143	1.20	0.0	258	557	552
560	P CUL CL A 2 18	DIA 18"	106	1.89	22.0	258	561	560
601	STORM SEW CL A 1 24	DIA 24"	11	0.60	0.0	258	602	601
602	STORM SEW CL A 1 15	DIA 15"	3	1.00	0.2	258	603	602
603	STORM SEW CL A 1 15	DIA 15"	40	1.00	3.4	258	604	603
605	STORM SEW CL A 1 24	DIA 24"	188	1.00	0.0	258	605	602
606	STORM SEW CL A 2 15	DIA 15"	3	1.00	0.6	259	606	605
607	STORM SEW CL A 2 15	DIA 15"	37	1.00	6.5	259	607	606
608	STORM SEW CL A 2 24	DIA 24"	191	1.00	0.0	259	608	605
609	STORM SEW CL A 2 15	DIA 15"	3	1.00	0.5	259	609	608
610	STORM SEW CL A 2 15	DIA 15"	20	1.00	3.5	259	610	609
611	STORM SEW CL A 2 15	DIA 15"	13	1.00	1.8	259	611	610
612	STORM SEW CL A 2 24	DIA 24"	182	0.80	0.0	259	612	608
613	STORM SEW CL A 2 15	DIA 15"	3	1.00	0.5	259	613	612
614	STORM SEW CL A 2 15	DIA 15"	18	1.00	3.2	259	614	636
615	STORM SEW CL A 2 24	DIA 24"	182	0.60	0.0	259	615	612
616	STORM SEW CL A 2 15	DIA 15"	3	1.00	0.5	259	616	615
617	STORM SEW CL A 1 15	DIA 15"	42	1.00	5.9	259	617	616
618	STORM SEW CL A 2 24	DIA 24"	182	0.50	0.0	259	618	615
619	STORM SEW CL A 1 15	DIA 15"	3	1.00	0.4	259	619	618
620	STORM SEW CL A 1 15	DIA 15"	20	1.00	2.7	259	620	619
621	STORM SEW CL A 1 15	DIA 15"	18	1.00	2.4	259	621	620
622	STORM SEW CL A 2 18	DIA 18"	182	0.60	0.0	259	622	618
623	STORM SEW CL A 1 15	DIA 15"	3	1.00	0.5	259	623	622
624	STORM SEW CL A 1 15	DIA 15"	42	1.00	5.0	259	624	623
625	STORM SEW CL A 2 18	DIA 18"	153	0.50	0.0	259	625	622
626	STORM SEW CL A 1 15	DIA 15"	4	1.00	0.5	259	626	625
627	STORM SEW CL A 1 15	DIA 15"	20	1.00	2.7	259	627	626
628	STORM SEW CL A 1 15	DIA 15"	18	1.00	2.3	259	628	627
629	STORM SEW CL A 2 15	DIA 15"	151	0.70	0.0	259	629	625
630	STORM SEW CL A 1 15	DIA 15"	3	1.00	0.4	259	630	629
631	STORM SEW CL A 1 15	DIA 15"	66	0.60	3.7	259	631	630
632	STORM SEW CL A 2 15	DIA 15"	131	0.50	0.0	260	632	629
633	STORM SEW CL A 1 15	DIA 15"	3	1.00	0.4	260	633	632
634	STORM SEW CL A 1 15	DIA 15"	67	0.50	3.8	260	634	633
635	STORM SEW CL A 1 15	DIA 15"	14	0.50	0.3	259	635	631
636	STORM SEW CL A 2 15	DIA 15"	20	1.00	3.4	259	636	613
651	STORM SEW CL A 1 12	DIA 12"	80	0.40	3.2	260	651	705
652	STORM SEW CL A 1 12	DIA 12"	31	0.50	2.7	261	652	653
654	STORM SEW CL A 2 15	DIA 15"	37	0.50	5.5	259	654	617
655	STORM SEW CL A 2 15	DIA 15"	39	1.00	6.1	258	655	604
656	STORM SEW CL A 2 15	DIA 15"	52	1.00	9.4	258	656	604
657	STORM SEW CL A 2 15	DIA 15"	48	1.00	10.7	259	657	607
658	STORM SEW CL A 2 15	DIA 15"	21	1.00	3.6	259	658	617
701	STORM SEW CL A 1 15	DIA 15"	76	0.40	0.0	260	701	704
702	STORM SEW CL A 1 15	DIA 15"	3	1.00	0.4	260	702	701

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exp U.S. Services Inc. Chicago, IL BUILDINGS·EARTH & ENVIRONMENT·ENERGY INDUSTRIAL·INFRASTRUCTURE·SUSTAINABILITY		DRAWN - MRK	REVISED -	
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	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

DRAINAGE SCHEDULE – IX
PIPES

SCALE: N.T.S. | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	278
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

STORM SEWER SCHEDULE

PIPE NO.	PIPE DESCRIPTION	PIPE SIZE	LENGTH (FT)	SLOPE (%)	TRENCH BACKFILL (CUYD)	SHEET NO.	FROM STRUCTURE	TO STRUCTURE
703	STORM SEW CL A 1 15	DIA 15"	77	0.40	4.3	260	703	702
704	STORM SEW CL A 1 15	DIA 15"	144	0.40	0.0	260	704	706
705	STORM SEW CL A 1 15	DIA 15"	8	1.00	0.8	260	705	704
706	STORM SEW CL A 1 15	DIA 15"	102	0.40	0.0	260	706	709
707	STORM SEW CL A 1 15	DIA 15"	3	1.00	0.2	260	707	706
708	STORM SEW CL A 1 15	DIA 15"	82	0.40	1.6	260	708	707
709	STORM SEW CL A 1 18	DIA 18"	76	0.38	0.0	260	709	712
710	STORM SEW CL A 1 15	DIA 15"	3	1.00	0.2	260	710	709
711	STORM SEW CL A 1 15	DIA 15"	78	0.40	1.7	260	711	710
712	STORM SEW CL A 1 18	DIA 18"	62	0.40	0.0	260	712	866
713	STORM SEW CL A 1 15	DIA 15"	4	1.00	0.2	260	713	712
714	STORM SEW CL A 1 15	DIA 15"	74	0.40	1.7	260	714	713
715	STORM SEW CL A 2 18	DIA 18"	81	0.40	0.0	260	715	718
716	STORM SEW CL A 1 15	DIA 15"	3	1.00	0.3	260	716	715
717	STORM SEW CL A 1 15	DIA 15"	28	0.60	2.0	260	717	864
718	STORM SEW CL A 2 18	DIA 18"	110	0.40	0.0	260	718	721
719	STORM SEW CL A 1 15	DIA 15"	3	1.00	0.4	260	719	718
720	STORM SEW CL A 1 15	DIA 15"	67	0.60	4.0	260	720	719
721	STORM SEW CL A 2 24	DIA 24"	100	0.50	0.0	260	721	724
722	STORM SEW CL A 2 15	DIA 15"	3	1.00	0.4	260	722	721
723	STORM SEW CL A 1 15	DIA 15"	21	0.60	1.6	260	723	863
724	STORM SEW CL A 2 24	DIA 24"	100	0.60	0.0	260	724	727
725	STORM SEW CL A 2 15	DIA 15"	3	1.00	1.0	260	725	724
726	STORM SEW CL A 2 15	DIA 15"	67	0.60	16.0	260	726	725
727	STORM SEW CL A 2 24	DIA 24"	100	0.60	0.0	260	727	859
728	STORM SEW CL A 2 15	DIA 15"	3	1.00	0.9	260	728	727
729	STORM SEW CL A 2 15	DIA 15"	20	0.60	5.9	260	729	728
730	STORM SEW CL A 2 15	DIA 15"	18	0.50	5.4	260	730	729
731	STORM SEW CL A 2 15	DIA 15"	21	0.60	4.7	260	731	730
732	STORM SEW CL A 2 24	DIA 24"	85	0.60	0.0	261	732	735
733	STORM SEW CL A 2 15	DIA 15"	3	1.00	1.2	261	733	732
734	STORM SEW CL A 2 15	DIA 15"	20	0.60	4.6	261	734	858
735	STORM SEW CL A 2 24	DIA 24"	100	0.60	145.9	261	735	738
736	STORM SEW CL A 2 15	DIA 15"	3	1.00	1.1	261	736	735
737	STORM SEW CL A 2 15	DIA 15"	67	0.60	18.1	261	737	736
738	STORM SEW CL A 2 24	DIA 24"	80	0.60	0.0	261	738	741
739	STORM SEW CL A 2 15	DIA 15"	3	1.00	1.0	261	739	738
740	STORM SEW CL A 2 15	DIA 15"	67	0.60	18.0	261	740	739
742	STORM SEW CL A 2 15	DIA 15"	3	1.00	2.2	261	742	741
743	STORM SEW CL A 2 15	DIA 15"	31	0.60	19.6	261	743	742
744	STORM SEW CL A 2 15	DIA 15"	7	0.60	2.7	261	744	743
745	STORM SEW CL A 2 15	DIA 15"	21	0.60	6.3	261	745	744
746	STORM SEW CL A 2 30	DIA 30"	130	0.60	0.0	261	746	749
747	STORM SEW CL A 2 15	DIA 15"	3	1.00	2.0	261	747	746
748	STORM SEW CL A 2 15	DIA 15"	76	1.00	25.9	261	748	747
749	STORM SEW CL A 2 30	DIA 30"	180	0.60	172.6	261	749	752
750	STORM SEW CL A 2 15	DIA 15"	7	1.00	4.4	261	750	749
751	STORM SEW CL A 2 15	DIA 15"	88	0.60	28.9	261	751	750
752	STORM SEW CL A 2 30	DIA 30"	2	0.55	0.0	261	752	755
753	STORM SEW CL A 2 15	DIA 15"	2	1.00	0.6	261	753	752
754	STORM SEW CL A 2 15	DIA 15"	79	0.60	18.9	261	754	753
755	STORM SEW CL A 2 30	DIA 30"	12	0.35	0.0	261	755	759
756	STORM SEW CL A 2 30	DIA 30"	8	0.35	0.0	261	756	755
757	SS CL A 2 EORS 48	SPAN 60", RISE 38"	267	0.35	0.0	261	757	756
758	SS CL A 2 EORS 48	SPAN 60", RISE 38"	262	0.35	0.0	261	758	757
759	STORM SEW CL A 2 30	DIA 30"	97	1.00	0.0	261	759	760
760	STORM SEW CL A 2 30	DIA 30"	16	0.50	0.0	261	760	764
761	STORM SEW CL A 2 15	DIA 15"	3	1.00	0.6	261	761	766
762	STORM SEW CL A 1 15	DIA 15"	72	0.60	12.2	261	762	761
763	STORM SEW CL A 1 24	DIA 24"	112	0.90	16.6	261	763	760
765	STORM SEW CL A 2 24	DIA 24"	6	0.30	0.0	261	765	760
766	STORM SEW CL A 2 24	DIA 24"	3	0.30	0.0	261	766	767
767	STORM SEW CL A 2 24	DIA 24"	6	0.30	0.0	261	767	765
768	STORM SEW CL A 2 24	DIA 24"	93	0.30	0.0	261	768	766
769	STORM SEW CL A 2 24	DIA 24"	154	0.30	0.0	261	769	768
770	STORM SEW CL A 2 15	DIA 15"	4	1.00	0.9	261	770	768
771	STORM SEW CL A 1 15	DIA 15"	67	0.60	10.2	261	771	770
772	STORM SEW CL A 1 12	DIA 12"	15	0.60	0.6	261	772	773
773	STORM SEW CL A 1 18	DIA 18"	3	0.80	0.3	261	773	769
774	STORM SEW CL A 1 12	DIA 12"	14	0.60	0.6	261	774	773
775	STORM SEW CL A 1 15	DIA 15"	20	0.40	1.4	261	775	773
776	STORM SEW CL A 1 15	DIA 15"	18	0.40	1.6	261	776	775

STORM SEWER SCHEDULE

PIPE NO.	PIPE DESCRIPTION	PIPE SIZE	LENGTH (FT)	SLOPE (%)	TRENCH BACKFILL (CUYD)	SHEET NO.	FROM STRUCTURE	TO STRUCTURE
777	STORM SEW CL A 1 12	DIA 12"	15	0.40	0.3	261	777	778
778	STORM SEW CL A 1 15	DIA 15"	20	0.40	1.0	261	778	776
779	STORM SEW CL A 1 12	DIA 12"	14	0.40	0.2	261	779	778
780	STORM SEW CL A 1 18	DIA 18"	128	0.30	0.0	261	780	769
781	STORM SEW CL A 1 15	DIA 15"	3	0.50	0.3	263	781	780
782	STORM SEW CL A 1 15	DIA 15"	67	0.40	2.5	263	782	781
783	STORM SEW CL A 1 18	DIA 18"	126	0.30	0.0	263	783	780
784	STORM SEW CL A 1 15	DIA 15"	3	0.50	0.4	263	784	783
785	STORM SEW CL A 1 15	DIA 15"	21	0.50	1.4	263	785	850
786	STORM SEW CL A 1 15	DIA 15"	131	0.40	18.2	263	786	783
787	STORM SEW CL A 1 15	DIA 15"	3	1.00	0.4	263	787	786
788	STORM SEW CL A 1 15	DIA 15"	67	0.50	4.1	263	788	787
789	STORM SEW CL A 1 12	DIA 12"	6	1.00	0.0	263	789	786
790	SS CL A 2 EORS 30	SPAN 38", RISE 24"	223	0.25	0.0	261	790	767
791	SS CL A 2 EORS 30	SPAN 38", RISE 24"	217	0.25	0.0	263	791	790
792	STORM SEW CL A 2 30	DIA 30"	155	0.60	0.0	261	741	746
793	P CUL CL A 1 18	DIA 18"	80	0.88	4.9	261	793	792
795	P CUL CL A 1 15	DIA 15"	56	2.80	3.3	267	795	794
797	P CUL CL A 1 15	DIA 15"	45	0.53	2.5	261	797	796
799	P CUL CL A 1 15	DIA 15"	41	0.49	0.8	261	799	798
801	STORM SEW CL A 1 15	DIA 15"	126	0.40	0.0	263	801	806
802	STORM SEW CL A 1 15	DIA 15"	4	0.40	0.4	263	802	801
803	STORM SEW CL A 1 15	DIA 15"	20	0.40	1.6	263	803	802
804	STORM SEW CL A 1 15	DIA 15"	18	0.40	1.7	263	804	803
805	STORM SEW CL A 1 15	DIA 15"	21	0.40	1.2	263	805	804
806	STORM SEW CL A 2 15	DIA 15"	126	0.40	0.0	263	806	809
807	STORM SEW CL A 2 15	DIA 15"	3	1.00	0.6	263	807	806
808	STORM SEW CL A 1 15	DIA 15"	67	0.60	7.2	263	808	807
809	STORM SEW CL A 2 18	DIA 18"	3	1.00	0.0	263	809	812
810	STORM SEW CL A 2 15	DIA 15"	3	1.00	1.0	263	810	809
811	STORM SEW CL A 2 15	DIA 15"	21	0.50	5.0	263	811	852
812	STORM SEW CL A 2 30	DIA 30"	5	0.35	0.0	263	812	814
813	STORM SEW CL A 2 30	DIA 30"	165	0.35	0.0	263	813	812
814	STORM SEW CL A 2 18	DIA 18"	15	1.00	0.0	263	814	815
815	STORM SEW CL A 2 24	DIA 24"	23	1.00	0.0	263	815	816
817	STORM SEW CL A 2 24	DIA 24"	109	1.01	37.7	263	817	815
818	STORM SEW CL A 2 18	DIA 18"	7	1.00	0.0	263	818	815
819	STORM SEW CL A 2 18	DIA 18"	3	1.00	0.0	263	819	840
820	STORM SEW CL A 2 18	DIA 18"	71	0.50	0.0	263	820	819
821	STORM SEW CL A 2 15	DIA 15"	3	1.00	0.7	263	821	820
822	STORM SEW CL A 2 15	DIA 15"	67	0.60	9.5	263	822	821
823	STORM SEW CL A 2 18	DIA 18"	126	0.50	0.0	263	823	820
824	STORM SEW CL A 2 15	DIA 15"	3	1.00	0.7	263	824	823
825	STORM SEW CL A 1 15	DIA 15"	21	0.60	2.8	263	825	829
826	STORM SEW CL A 2 18	DIA 18"	126	0.40	0.0	263	826	823
827	STORM SEW CL A 2 15	DIA 15"	4	1.00	0.9	263	827	826
828	STORM SEW CL A 2 15	DIA 15"	20	0.60	3.7	263	828	824
829	STORM SEW CL A 2 15	DIA 15"	18	0.60	3.3	263	829	828
830	STORM SEW CL A 1 15	DIA 15"	67	0.60	9.5	263	830	827
831	STORM SEW CL A 2 18	DIA 18"	126	0.40	0.0	263	831	826
832	STORM SEW CL A 2 15	DIA 15"	3	1.00	0.8	263	832	831
833	STORM SEW CL A 1 15	DIA 15"	21	0.50	3.3	263	833	854
834	STORM SEW CL A 2 15	DIA 15"	116	0.50	28.0	263	834	831
835	STORM SEW CL A 2 15	DIA 15"	3	1.00	0.7	263	835	834
836	STORM SEW CL A 1 15	DIA 15"	67	0.60	9.9	263	836	835
837	STORM SEW CL A 2 15	DIA 15"	106	0.50	0.0	263	837	834
838	STORM SEW CL A 2 15	DIA 15"	3	1.00	0.7	265	838	837
839	STORM SEW CL A 1 15	DIA 15"	67	0.60	10.3	265	839	838
840	STORM SEW CL A 2 30	DIA 30"	7	0.35	0.0	263	840	818
841	STORM SEW CL A 2 30	DIA 30"	251	0.35	0.0	263	841	840
843	P CUL CL A 1 15	DIA 15"	31	0.52	2.5	263	843	842
850	STORM SEW CL A 1 15	DIA 15"	18	0.50	1.9	263	850	851
851	STORM SEW CL A 1 15	DIA 15"	20	0.50	2.0	263	851	784
852	STORM SEW CL A 2 15	DIA 15"	18	0.50	5.2	263	852	853
853	STORM SEW CL A 2 15	DIA 15"	20	0.50	5.7	263	853	810
854	STORM SEW CL A 2 15	DIA 15"	18	0.50	3.8	263	854	855
855	STORM SEW CL A 2 15	DIA 15"	20	0.50	4.1	263	855	832
856	STORM SEW CL A 2 15	DIA 15"	72	1.00	18.4	261	856	744
857	STORM SEW CL A 2 15	DIA 15"	20	0.60	6.9	261	857	733
858	STORM SEW CL A 2 15	DIA 15"	18	0.60	5.7	261	858	857
859	STORM SEW CL A 2 24	DIA 24"	115	0.60	0.0	261	859	732
860	STORM SEW CL A 2 15	DIA 15"	3	0.60	1.0	261	860	859

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	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -	
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

DRAINAGE SCHEDULE – X
PIPES

SCALE: N.T.S. | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	279
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

STORM SEWER SCHEDULE

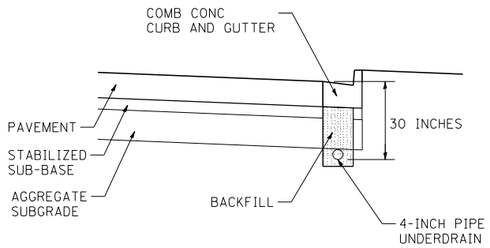
PIPE NO.	PIPE DESCRIPTION	PIPE SIZE	LENGTH (FT)	SLOPE (%)	TRENCH BACKFILL (CUYD)	SHEET NO.	FROM STRUCTURE	TO STRUCTURE
861	STORM SEW CL A 2 15	DIA 15"	67	0.60	15.1	261	861	860
862	STORM SEW CL A 1 15	DIA 15"	20	0.60	2.5	260	862	722
863	STORM SEW CL A 1 15	DIA 15"	18	0.60	2.3	260	863	862
864	STORM SEW CL A 1 15	DIA 15"	11	0.40	1.3	260	864	865
865	STORM SEW CL A 1 15	DIA 15"	20	0.40	1.9	260	865	716
866	STORM SEW CL A 1 18	DIA 18"	71	0.40	0.0	260	866	715
867	STORM SEW CL A 1 15	DIA 15"	3	0.60	0.3	260	867	866
868	STORM SEW CL A 1 15	DIA 15"	70	0.40	2.9	260	868	867
869	STORM SEW CL A 1 15	DIA 15"	46	0.50	5.3	260	869	711
871	P CUL CL A 1 15	DIA 15"	33	0.61	1.3	267	871	870
880	STORM SEW CL A 1 12	DIA 12"	20	3.75	1.7	261	880	734
883	P CUL CL A 1 12	DIA 12"	24	0.30	1.3	261	883	884
891	STORM SEW CL A 2 15	DIA 15"	64	1.00	1.7	266	891	890

PIPE UNDERDRAINS 4" (SPECIAL) SCHEDULE

SHEET	LOCATION	FROM			TO			DEPTH TO UNDERDRAIN INVERT FROM TOP OF PAVEMENT	LENGTH (FT)
		STATION	OFFSET		STATION	OFFSET			
250	US-14	329+49.00	42.4	RT	329+49.00	60.2	RT	30"	17.8
250	US-14	332+00.00	41.3	RT	332+00.00	59.6	RT	30"	18.4
251	US-14	341+52.00	36.9	RT	341+52.00	55.0	RT	30"	18.1
252	US-14	349+20.00	35.0	LT	349+20.00	51.4	LT	26"	16.4
252	US-14	354+00.00	35.0	LT	354+00.00	51.4	LT	26"	16.4
252	US-14	357+63.00	35.0	LT	357+63.00	50.5	LT	26"	15.5
253	US-14	375+00.00	35.0	RT	375+00.00	51.5	RT	30"	16.5
257	US-14	406+00.00	35.0	LT	406+00.00	54.0	LT	30"	19.0
257	US-14	406+00.00	35.0	RT	406+00.00	52.9	RT	30"	17.9
257	US-14	409+90.00	35.0	LT	409+90.00	55.0	LT	30"	20.0
257	US-14	409+92.00	35.0	RT	409+92.00	53.0	RT	30"	18.0
257	US-14	413+00.00	35.0	RT	413+00.00	53.0	RT	30"	18.0
257	US-14	413+00.00	35.0	LT	413+00.00	54.0	LT	30"	19.0
258	US-14	419+00.00	35.0	RT	419+00.00	53.0	RT	30"	18.0
258	US-14	420+00.00	35.0	LT	420+00.00	51.5	LT	30"	16.5
258	US-14	424+00.00	35.0	LT	424+00.00	53.9	LT	30"	18.9
								TOTAL	284

PIPE UNDERDRAINS HEADWALLS SCHEDULE

SHEET	LOCATION	STATION	OFFSET		INVERT
250	US-14	329+49.00	60.2	RT	936.53
250	US-14	332+00.00	59.6	RT	937.86
251	US-14	341+52.00	55.0	RT	939.63
252	US-14	349+20.00	51.4	LT	936.04
252	US-14	354+00.00	51.4	LT	929.28
252	US-14	357+63.00	50.5	LT	925.46
253	US-14	375+00.00	51.5	RT	935.73
257	US-14	406+00.00	52.9	RT	930.72
257	US-14	409+92.00	53.0	RT	924.22
257	US-14	413+00.00	53.0	RT	928.75
258	US-14	419+00.00	53.0	RT	930.62
258	US-14	420+00.00	51.5	LT	928.95



PIPE UNDERDRAIN AT CURB & GUTTER

NOT TO SCALE

NOTES

1. ALL PIPE UNDERDRAINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH ARTICLE 601 OF THE STANDARD SPECIFICATIONS.
2. REFER TO IDOT STANDARD DRAWING 601001-04 FOR TRENCH WIDTH AND ADDITIONAL PIPE UNDERDRAIN DETAILS.
3. SEE TYPICAL SECTIONS FOR DETAILS OF PAVEMENT, SUB-BASE, SUBGRADE, AND CURB AND GUTTER.

TRANSVERSE PIPE UNDERDRAINS 4" SCHEDULE

SHEET	LOCATION	FROM			TO			DEPTH TO UNDERDRAIN INVERT FROM TOP OF PAVEMENT	LENGTH (FT)
		STATION	OFFSET		STATION	OFFSET			
250	US-14	329+49.00	18.4	RT	329+49.00	42.4	RT	30"	24.0
250	US-14	330+08.50	7.8	LT	330+08.50	41.2	LT	30"	33.4
250	US-14	330+11.50	41.7	LT	330+11.50	53.9	LT	30"	12.2
250	US-14	332+00.00	14.7	RT	332+00.00	41.3	RT	30"	26.6
250	US-14	332+27.00	15.6	LT	332+27.00	39.6	LT	30"	24.0
251	US-14	338+54.00	14.3	RT	338+54.00	48.8	RT	30"	34.5
251	US-14	338+54.00	11.0	LT	338+54.00	35.5	LT	30"	24.5
251	US-14	341+52.00	10.3	RT	341+52.00	36.9	RT	30"	26.6
251	US-14	341+54.00	10.3	LT	341+54.00	34.8	LT	30"	24.5
252	US-14	349+10.00	1.5	LT	349+10.00	35.0	RT	30"	36.5
252	US-14	349+20.00	11.0	LT	349+20.00	35.0	LT	26"	24.0
252	US-14	353+69.00	13.0	RT	353+69.00	35.0	RT	26"	22.0
252	US-14	354+00.00	4.2	RT	354+00.00	35.0	LT	30"	39.2
252	US-14	357+63.00	8.4	LT	357+63.00	35.0	LT	26"	26.6
252	US-14	357+82.60	13.0	RT	357+82.60	35.0	RT	30"	22.0
252	US-14	358+72.00	8.4	RT	358+72.00	43.0	RT	30"	34.6
253	US-14	364+84.00	11.0	LT	364+84.00	35.5	LT	30"	24.5
253	US-14	364+86.00	5.0	LT	364+86.00	51.5	RT	30"	56.5
253	US-14	368+60.00	11.9	RT	368+60.00	44.1	RT	30"	32.2
253	US-14	368+60.00	5.1	RT	368+60.00	43.1	LT	30"	48.1
253	US-14	372+28.00	8.4	LT	372+28.00	45.0	LT	30"	36.6
253	US-14	372+32.00	8.4	RT	372+32.00	45.0	RT	30"	36.6
253	US-14	374+70.00	11.0	LT	374+70.00	45.5	LT	30"	34.5
253	US-14	375+00.00	8.4	RT	375+00.00	35.0	RT	30"	26.6
254	US-14	382+96.00	10.5	RT	382+96.00	35.0	RT	30"	24.5
254	US-14	382+98.00	11.0	LT	382+98.00	45.0	LT	30"	34.0
256	US-14	390+10.00	10.5	RT	390+10.00	35.0	RT	30"	24.5
256	US-14	390+08.00	11.0	LT	390+08.00	45.0	LT	30"	34.0
256	US-14	392+50.00	8.4	LT	392+50.00	48.6	LT	30"	40.2
256	US-14	392+98.00	6.6	RT	392+98.00	35.0	RT	30"	28.4
256	US-14	396+82.00	11.0	LT	396+82.00	52.1	LT	26"	41.1
256	US-14	397+12.00	0.0	RT	397+12.00	64.4	RT	30"	64.4
256	US-14	400+29.00	11.0	RT	400+29.00	45.5	RT	30"	34.5
256	US-14	400+30.00	3.6	RT	400+30.00	43.9	LT	30"	47.5
257	US-14	406+00.00	8.4	LT	406+00.00	35.0	LT	30"	26.6
257	US-14	406+00.00	8.4	RT	406+00.00	35.0	RT	30"	26.6
257	US-14	409+90.00	11.0	LT	409+90.00	35.0	LT	30"	24.0
257	US-14	409+92.00	14.2	RT	409+92.00	35.0	RT	30"	20.8
257	US-14	413+00.00	8.4	RT	413+00.00	35.0	RT	30"	26.6
257	US-14	413+00.00	8.4	LT	413+00.00	35.0	LT	30"	26.6
258	US-14	419+00.00	8.4	RT	419+00.00	35.0	RT	30"	26.6
258	US-14	420+00.00	8.4	LT	420+00.00	35.0	LT	30"	26.6
258	US-14	421+74.00	8.4	RT	421+74.00	46.5	RT	30"	38.1
258	US-14	424+00.00	8.4	LT	424+00.00	35.0	LT	30"	26.6
258	US-14	425+08.00	10.5	LT	425+08.00	35.0	LT	30"	24.5
258	US-14	425+28.00	11.0	RT	425+28.00	45.2	RT	30"	34.2
258	US-14	428+52.00	5.0	LT	428+52.00	35.0	RT	30"	40.0
258	US-14	428+52.00	11.0	LT	428+52.00	35.0	LT	30"	24.0
259	US-14	433+04.00	11.0	RT	433+04.00	45.0	RT	30"	34.0
259	US-14	433+04.00	5.5	RT	433+04.00	47.0	LT	30"	52.5
259	US-14	436+90.00	12.0	LT	436+90.00	37.6	LT	30"	25.6
259	US-14	436+92.00	11.0	RT	436+92.00	35.0	RT	30"	24.0
259	US-14	440+73.00	10.5	LT	440+73.00	37.6	LT	30"	27.1
259	US-14	440+74.00	11.0	RT	440+74.00	35.5	RT	30"	24.5
259	US-14	444+20.00	12.0	LT	444+20.00	37.6	LT	30"	25.6
259	US-14	444+24.00	11.0	RT	444+24.00	35.5	RT	30"	24.5
260	US-14	451+76.00	5.0	RT	451+76.00	38.8	LT	30"	43.8
260	US-14	451+80.00	11.0	RT	451+80.00	47.0	RT	30"	36.0
260	US-14	455+01.00	1.2	LT	455+01.00	35.5	LT	30"	34.3
260	US-14	455+01.00	11.0	RT	455+01.00	35.5	RT	30"	24.5
260	US-14	458+08.00	8.4	LT	458+08.00	35.0	LT	30"	26.6
260	US-14	458+12.00	8.4	RT	458+12.00	35.0	RT	30"	26.6
261	US-14	461+36.00	11.0	LT	461+36.00	35.5	LT	30"	24.5
261	US-14	461+36.00	11.0	RT	461+36.00	35.5	RT	30"	24.5
261	US-14	465+76.00	11.0	LT	465+76.00	44.4	LT	30"	33.4
261	US-14	465+76.00	5.0	LT	465+76.00	35.5	RT	30"	40.5
261	US-14	468+98.00	5.0	RT	468+98.00	35.0	LT	30"	40.0
261	US-14	469+02.00	11.0	RT	469+02.00	47.0	RT	30"	36.0
261	US-14	472+96.00	11.0	LT	472+96.00	35.0	LT	30"	24.0
261	US-14	473+00.00	11.0	RT	473+00.00	35.0	RT	30"	24.0
263	US-14	476+99.00	8.4	LT	476+99.00	35.5	LT	30"	27.1
263	US-14	476+99.00	8.4	RT	476+99.00	35.5	RT	30"	27.1
263	US-14	480+94.00	11.0	LT	480+94.00	35.5	LT	30"	24.5
263	US-14	480+94.00	11.0	RT	480+94.00	35.5	RT	30"	24.5
263	US-14	484+84.00	8.4	LT	484+84.00	35.5	LT	30"	27.1
263	US-14	484+84.00	8.4	RT	484+84.00	35.5	RT	30"	27.1
								TOTAL	2329

LONGITUDINAL PIPE UNDERDRAINS 4" SCHEDULE

SHEET	LOCATION	FROM			TO			DEPTH TO UNDERDRAIN INVERT FROM TOP OF PAVEMENT	LENGTH (FT)
		STATION	OFFSET		STATION	OFFSET			
250	US-14	329+60.00	58.8	LT	329+84.10	57.0	LT	30"	24.1
250	US-14	330+08.50	54.3	LT	330+35.00	52.0	LT	30"	26.5
251	US-14	338+23.00	11.1	LT	338+48.10	11.0	LT	30"	25.1
251	US-14	338+51.80	11.0	LT	338+77.00	10.9	LT	30"	25.2
251	US-14	338+33.00	48.9	RT	338+48.20	48.8	RT	30"	15.2
251	US-14	338+51.80	48.8	RT	338+67.00	48.7	RT	30"	15.2
251	US-14	341+52.00	10.3	LT	342+02.00	10.2	LT	30"	50.0
251	US-14	341+52.00	37.4	RT	342+02.00	37.2	RT	30"	50.0
252	US-14	348+61.19	4.5	LT	349+08.30	4.5	LT	30"	47.1
252	US-14	348+70.00	35.5	LT	349+20.00	35.5	LT	26"	50.0
252	US-14	353+17.00	10.5	RT	353+67.00	10.5	RT	30"	50.0
252	US-14	353+50.00	35.5	LT	354+00.00	35.5	LT	26"	50.0
252	US-14	357+33.00	35.5	LT	357+63.00	35.5	LT	26"	30.0
252	US-14	357+63.00	35.5	LT	357+93.00	35.5	LT	26"	30.0
252	US-14	357+50.70	11.5	RT	357+80.70	11.5	RT	30"	30.0
252	US-14	358+01.90	11.5	RT	358+21.94	11.5	RT	30"	20.0
252	US-14	359+14.00	45.5	RT	359+64.00	45.5	RT	30"	50.0
253	US-14	364+38.00	51.5	RT	364+88.00	51.5	RT	30"	50.0
253	US-14	364+36.00	35.5	LT	364+86.00	35.5	LT	30"	50.0
253	US-14	368+10.60	47.5	LT	368+36.10	46.1	LT	30"	25.5
253	US-14	368+89.90	45.5	LT	369+20.00	45.5	LT	30"	30.1
253	US-14	368+07.00	45.5	RT	368+37.00	45.5	RT	30"	30.0
253	US-14	368+90.00	45.5	RT	369+20.00	45.5	RT	30"	30.0
253	US-14	374+66.90	45.5	LT	375+17.00	45.5	LT	30"	50.1
253	US-14	375+00.00	35.5	RT	375+50.00	35.5	LT	30"	50.0
254	US-14	382+68.00	10.5	RT	382+98.00	10.5	RT	30"	30.0
254	US-14	383+22.00	10.5	RT	383+52.00	10.5	RT	30"	30.0
254	US-14	382+49.00	45.5	LT	382+79.00	45.5	LT	30"	30.0
254	US-14	383+35.80	45.5	LT	383+65.80	45.5	LT	30"	30.0
256	US-14	389+62.00	10.5	RT	390+12.00	10.5	RT	30"	50.0
255	US-14	391+48.00	45.5	LT	391+98.00	45.5	LT	30"	50.0
256	US-14	393+48.00	47.5	RT	393+98.00	47.5	RT	30"	50.0
256	US-14	393+59.00	5.5	LT	393+92.00	5.5	LT	30"	33.0
255	US-14	398+23.90	47.5	LT	398+73.90	47.5	LT	30"	50.0
256	US-14	400+26.90	45.5	RT	400+76.90	45.5	RT	30"	50.0
257	US-14	405+50.00	35.5	LT	406+00.00	35.5	LT	30"	50.0
257	US-14	405+50.00	35.5	RT	406+00.00	35.5	RT	30"	50.0
257	US-14	409+60.00	35.5	LT	410+20.00	35.5	LT	30"	60.0
257	US-14	409+62.00	35.5	RT	410+22.00	35.5	RT	30"	60.0
258	US-14	418+50.00	35.5	RT	419+00.00	35.5	RT	30"	50.0
258	US-14	419+50.00	35.5	LT	420+00.00	35.5	LT	30"	50.0
258	US-14	423+50.00	35.5	LT	424+00.00	35.5	LT	30"	50.0
258	US-14	425+05.90	10.5	LT	425+55.90	10.5	LT	30"	50.0
258	US-14	424+69.70	45.5	RT	424+99.70	45.5	RT	30"	30.0
258	US-14	425+25.90	45.2	RT	425+55.90	44.6	RT	30"	30.0
259	US-14	433+02.00	45.1	RT	433+52.00	42.2	RT	30"	50.0
259	US-14	433+01.00	5.5	RT	433+51.00	5.5	RT	30"	50.0
259	US-14	440+71.50	10.5	LT	441+21.50	10.5	LT	30"	50.0
259	US-14	440+72.00	35.5	RT	441+22.00	35.5	RT	30"	50.0
259	US-14	444+22.00	35.5	RT	444+72.00	35.5	RT	30"	50.0
259	US-14	445+77.00	35.5	LT	446+27.00	35.5	LT	30"	50.0
260	US-14	454+53.50	35.5	LT	455+03.50	35.5	LT	30"	50.0
260	US-14	454+68.30	35.5	RT	455+03.00	35.5	RT	30"	34.7
261	US-14	460+88.00	35.5	LT	461+38.00	35.5	LT	30"	50.0
261	US-14	460+88.00	35.5	RT	461+38.00	35.5	RT	30"	50.0
261	US-14	465+28.00	35.5	RT	465+78.00	35.5	RT	30"	50.0
261	US-14	465+28.50	41.1	LT	465+78.50	44.6	LT	30"	50.0
261	US-14	472+49.10	35.5	RT	472+79.10	35.5	RT	30"	30.0
261	US-14	473+15.80	35.5	RT	473+45.80	35.5	RT	30"	30.0
261	US-14	472+49.10	35.5	LT	472+79.10	35.5	LT	30"	30.0
261	US-14	473+15.80	35.5	LT	473+45.80	35.5	LT	30"	30.0
263	US-14	476+96.50	35.5	LT	477+46.50	35.5	LT	30"	50.0
263	US-14	476+97.00	35.5	RT	477+47.00	35.5	RT	30"	50.0
263	US-14	480+91.50	35.5	LT	481+41.50	35.5	LT	30"	50.0
263	US-14	480+92.00	35.5	RT	481+42.00	35.5	RT	30"	50.0
263	US-14	484+81.50	35.5	LT	485+31.50	35.5	LT	30"	50.0
263	US-14	484+82.00	35.5	RT	485+32.00	35.5	RT	30"	50.0
								TOTAL	2792

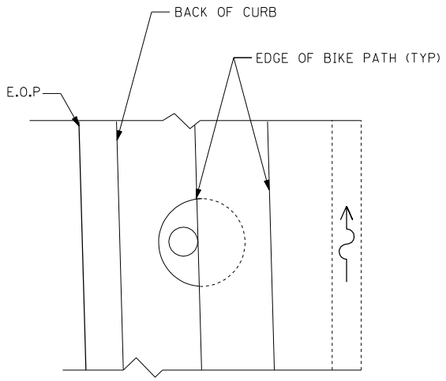
FILE NAME = $FILE1$	USER NAME = HECHTBR	DESIGNED - MRK	REVISED -	
		DRAWN - MRK	REVISED -	
exp U.S. Services Inc. Chicago, IL BUILDINGS·EARTH & ENVIRONMENT·ENERGY INDUSTRIAL·INFRASTRUCTURE·SUSTAINABILITY	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -	
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

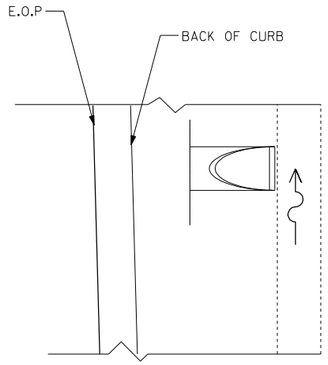
DRAINAGE SCHEDULE – XI
PIPES AND
PIPE UNDERDRAINS

SCALE: N.T.S. | SHEET NO. OF SHEETS | STA. | TO STA.

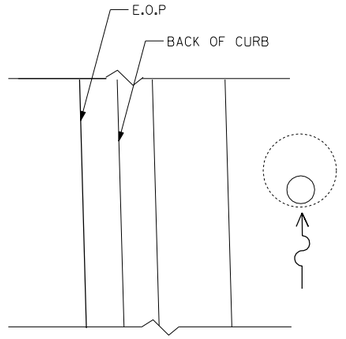
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	280
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



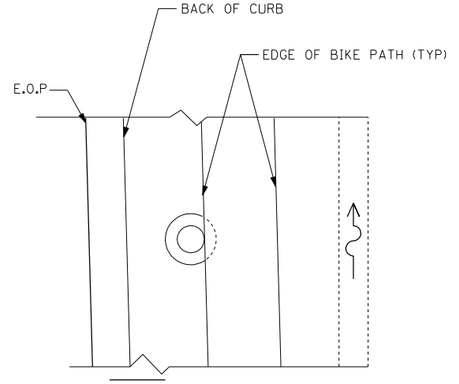
PLAN VIEW
MANHOLE WITH FLAT SLAB TOP IN PARKWAY



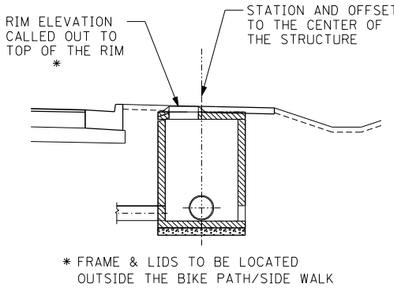
PLAN VIEW
FLARED END SECTION



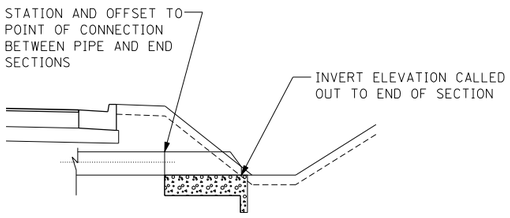
PLAN VIEW
INLET AND CATCH BASIN IN DITCH



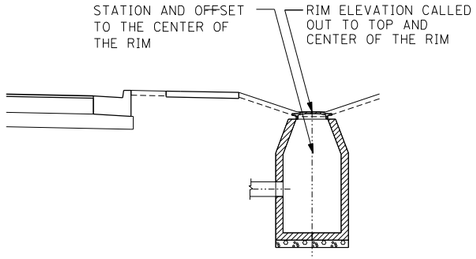
PLAN VIEW
MANHOLE WITH CONE (TAPERED) SECTION IN PARKWAY



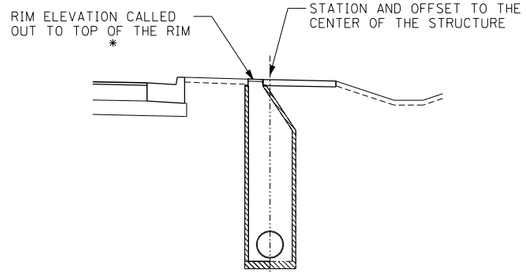
SECTION
MANHOLE WITH FLAT SLAB TOP IN PARKWAY



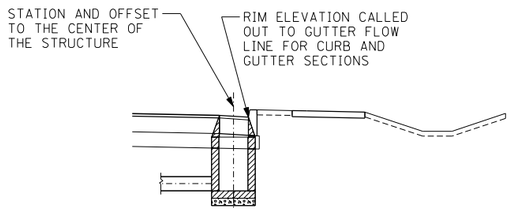
ELEVATION
FLARED END SECTION



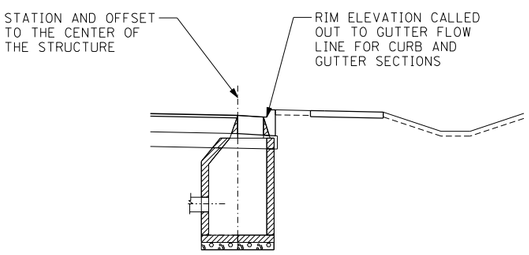
ELEVATION
INLET AND CATCH BASIN IN DITCH OR SWALE



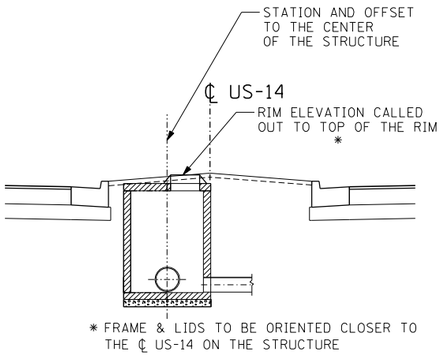
SECTION
MANHOLE WITH CONE (TAPERED) SECTION IN PARKWAY



ELEVATION
INLET WITH CURB AND GUTTER



ELEVATION
CATCH BASIN WITH CURB AND GUTTER
(CONE AND FLAT SLAB TOP SECTIONS)



ELEVATION
CATCH BASIN AND MANHOLE WITH MEDIAN

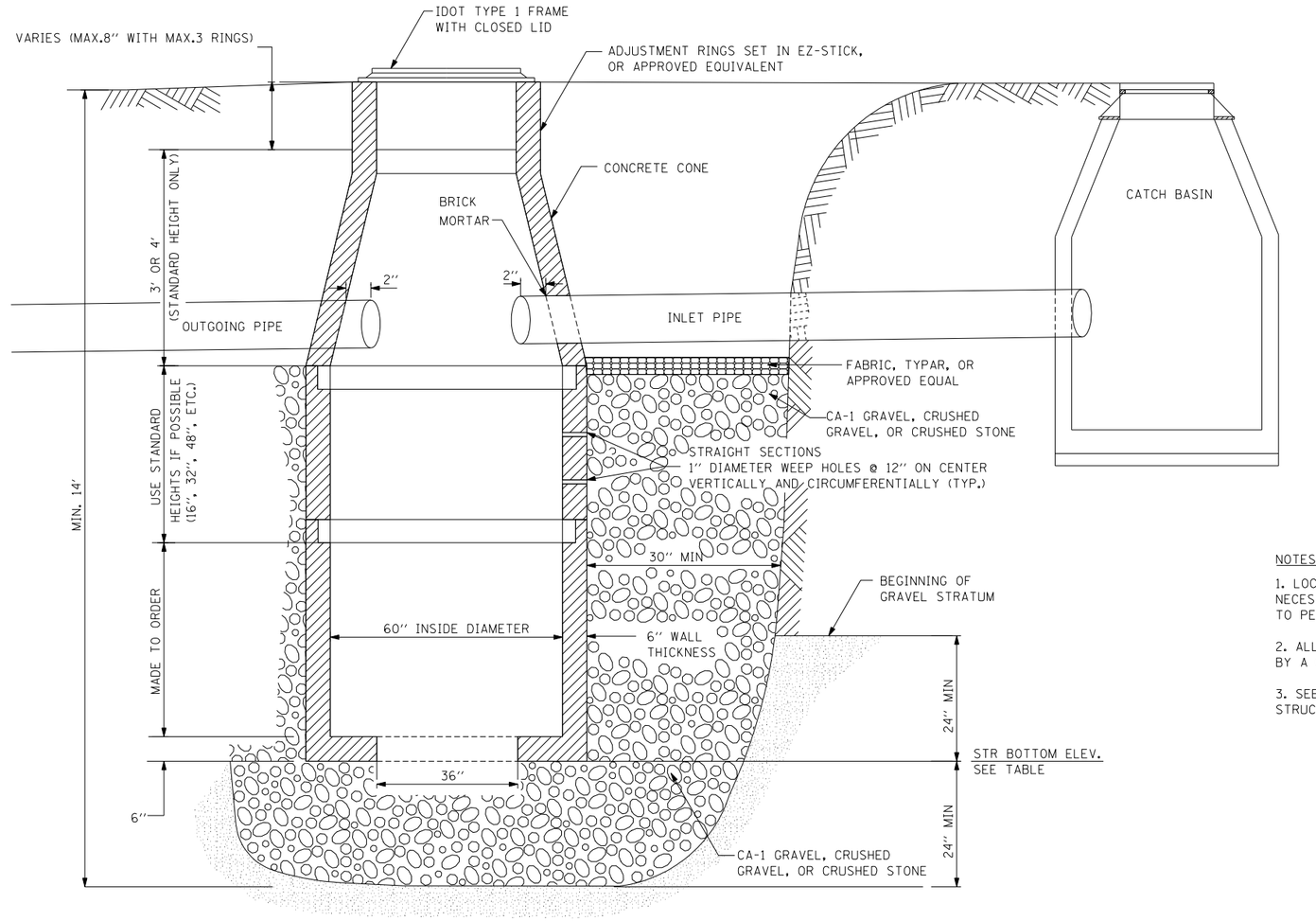
FILE NAME = $FILEL$	USER NAME = HECHTBR	DESIGNED -	REVISED -
		DRAWN - MRK	REVISED -
exp U.S. Services Inc. Chicago, IL BUILDINGS·EARTH & ENVIRONMENT·ENERGY INDUSTRIAL·INFRASTRUCTURE·SUSTAINABILITY	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

DRAINAGE DETAILS – I
DRAINAGE STRUCTURE PLACEMENT

SCALE: N.T.S. | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	281
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



DRYWELL

NOTES:

1. LOCAL SOIL CONDITIONS MAY NECESSITATE A DEEPER EXCAVATION TO PENETRATE GRANULAR SUBSOIL.

2. ALL DRYWELLS SHALL BE PRECEEDED BY A CATCH BASIN.

3. SEE SHEETS 270 TO 280 FOR DRAINAGE STRUCTURE AND PIPE SCHEDULE.

DRYWELL STR ID	STR BOTTOM ELEVATION
749	916.00
768	912.00
801	915.00
826	917.00

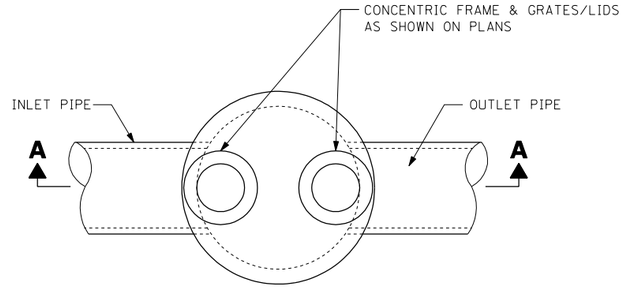
FILE NAME = $FILE$	USER NAME = HECHTBR	DESIGNED -	REVISED -
		DRAWN - MRK	REVISED -
exp U.S. Services Inc. Chicago, IL BUILDINGS·EARTH & ENVIRONMENT·ENERGY INDUSTRIAL·INFRASTRUCTURE·SUSTAINABILITY	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

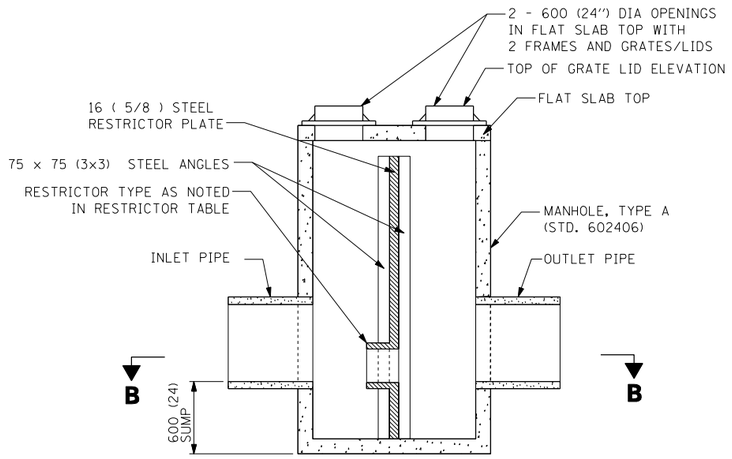
DRAINAGE DETAILS – II
DRYWELL

SCALE: N.T.S. | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	282
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



PLAN



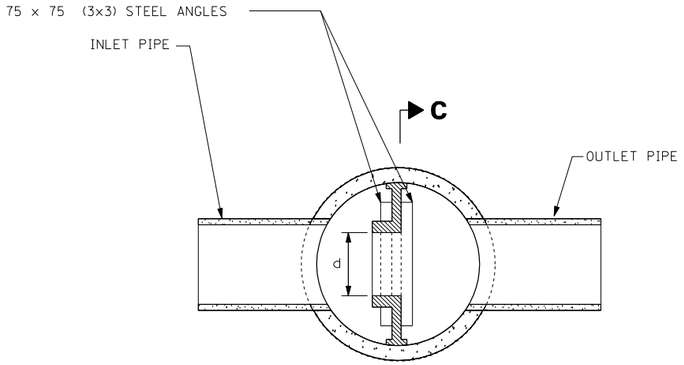
SECTION A-A

MANHOLE WITH RESTRICTOR PLATE

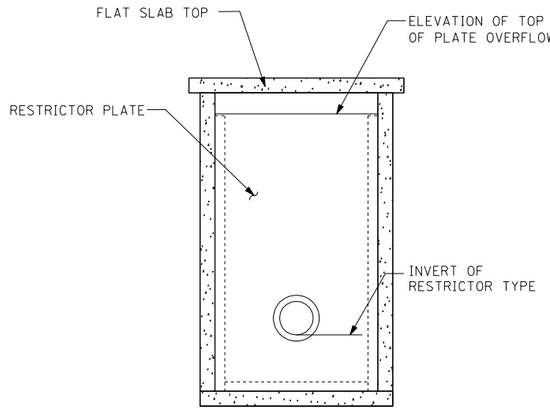
N.T.S.

STR. ID	STATION OFFSET	MANHOLE DIAMETER	FRAME AND GRATE	RESTRICTOR TYPE	INSIDE RESTRICTOR TYPE DIA	INVERT OF RESTRICTOR TYPE	ELEVATION OF TOP OF PLATE OVERFLOW
371	396+55, 62.5' RT	6'	T1FCL	2	11"	926.10	929.00
376	397+94, 55' RT	6'	T1FCL	2	7.5"	927.25	929.40
416	396+56, 53.8' LT	6'	T1FCL	2	6"	926.63	928.82 *
503	421+85, 49' RT	6'	T1FCL	2	11"	914.60	918.80
759	469+17, 57' RT	6'	T1FCL	2	10.5"	922.50	927.51
765	470+32, 50' RT	6'	T1FCL	2	13"	919.93	923.05
814	481+00, 48' RT	6'	T1FCL	2	7.5"	922.00	925.10
818	481+32, 48' RT	6'	T1FCL	2	9"	922.57	926.10

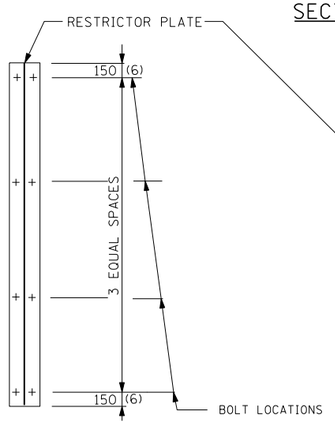
* THE ELEVATION OF TOP OF PLATE IS INTENTIONALLY SET TO THE BOTTOM OF FLAT SLAB TOP. IN OTHER WORDS, NO GAP SHALL BE PROVIDED BETWEEN THE TOP OF PLATE AND THE BOTTOM OF FLAT SLAB TOP.

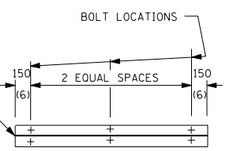


SECTION B-B



SECTION C-C

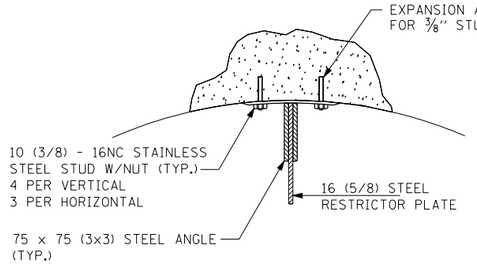




TYPICAL HORIZONTAL
ANGLES LOOKING TWARD
BOTTOM OF MANHOLE

NOTE:
1. ANGLES SHOULD BE 75 x 75 x 10 (3 x " x 3/4).
2. VERTICAL ANGLE SHOULD EXTEND FROM THE BOTTOM OF THE RESTRICTOR PLATE TO THE TOP.
3. HORIZONTAL ANGLES SHOULD EXTEND FROM VERTICAL ANGLE TO VERTICAL ANGLE.

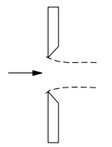
STEEL ANGLE BOLTING DETAILS



ANGLE FASTENER DETAIL

NOTES:

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

RESTRICTOR TYPE
2
SHARP EDGED

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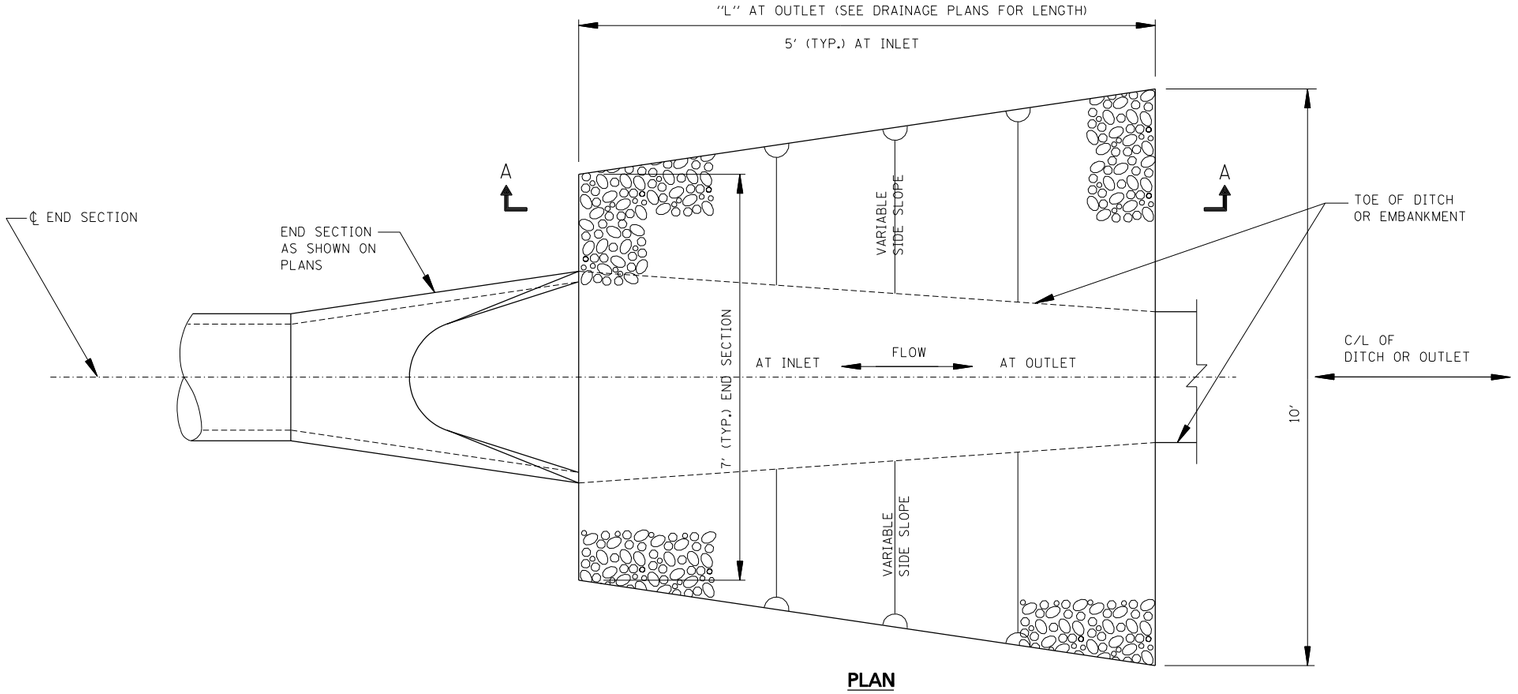
$FILEL$		DRAWN - MRK	REVISED -
exp U.S. Services Inc. Chicago, IL BUILDINGS·EARTH & ENVIRONMENT·ENERGY INDUSTRIAL·INFRASTRUCTURE·SUSTAINABILITY	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

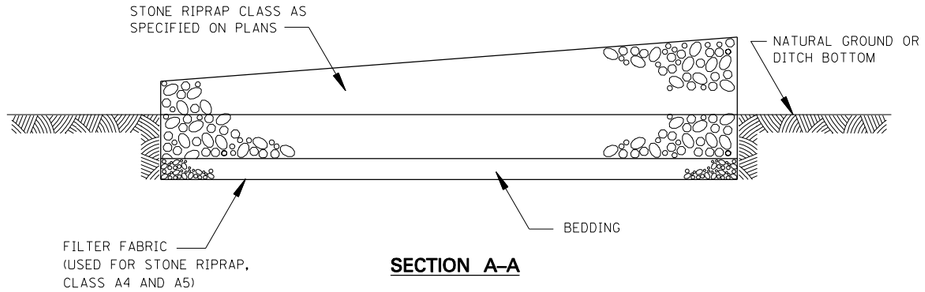
DRAINAGE DETAILS – III
MANHOLE WITH RESTRICTOR PLATE

SCALE: N.T.S. | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	283
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



PLAN



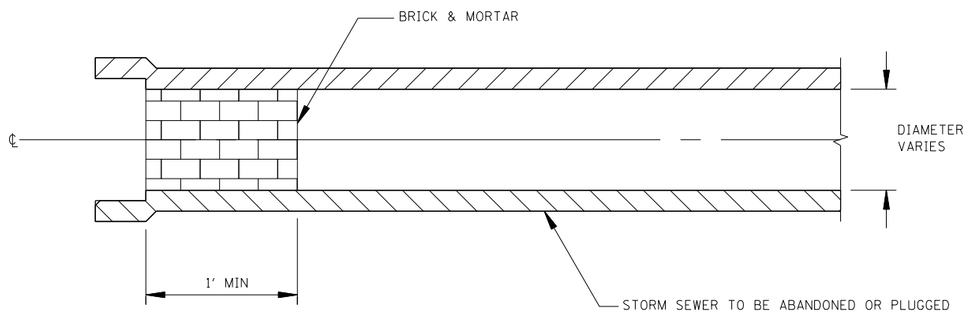
SECTION A–A

NOTES:

1. PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR STONE RIPRAP, CLASS SPECIFIED. FILTER FABRIC IS PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR "FILTER FABRIC".

2. APRON WIDTH SHALL BE ADJUSTED TO MATCH CULVERT END SECTION WIDTH.

RIPRAP APRON
N.T.S.



NOTE:

1. THIS WORK SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE BID FOR THE STORM SEWER ITEMS.

STORM SEWER PLUG

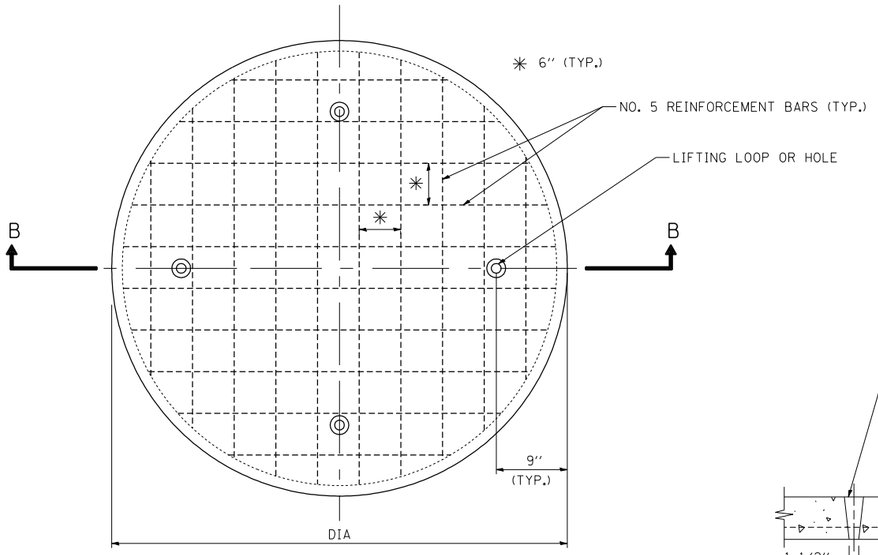
FILE NAME = $FILEL$	USER NAME = HECHTBR	DESIGNED -	REVISED -
		DRAWN - MRK	REVISED -
exp U.S. Services Inc. Chicago, IL BUILDINGS·EARTH & ENVIRONMENT·ENERGY INDUSTRIAL·INFRASTRUCTURE·SUSTAINABILITY	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

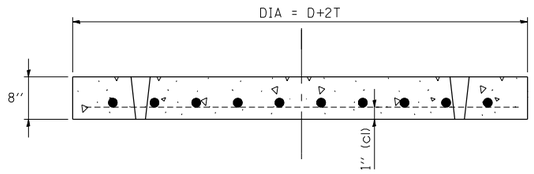
DRAINAGE DETAILS – IV
RIPRAP APRON &
STORM SEWER PLUG DETAILS

SCALE: N.T.S. | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	284
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

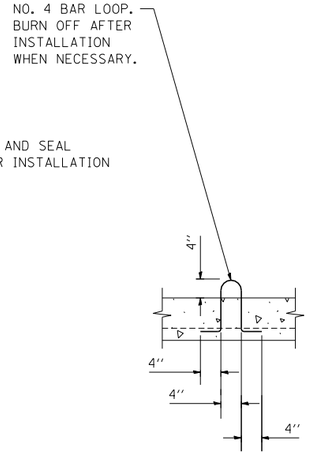


PLAN
(REINFORCEMENT BARS)



SECTION B-B

D- INSIDE DIAMETER OF STRUCTURE
T- WALL THIICKNESS OF STRUCTURE
— SEE APPLICABLE STANDARDS



LIFTING HOLE OR LIFTING LOOP

TYPICAL

NOTES

1. THE COST OF PRECAST CONCRETE LID IS INCLUDED IN THE CONTRACT UNIT PRICE PER EACH FOR THE PROPOSED DRAINAGE STRUCTURE OF TYPE AND SIZE SPECIFIED ON THE PLANS.
2. AT THE CONTRACTOR'S OPTION, THIS PRECAST CONCRETE LID MAY BE REPLACED WITH PRECAST REINFORCED CONCRETE FLAT SLAB TOP (WITH STEEL PLATE COVERING OPENING). SEE STATE STANDARD 602601 FOR PRECAST REINFORCED CONCRETE FLAT SLAB TOP DETAILS.

PRECAST CONCRETE LID

FILE NAME = $FILEL$	USER NAME = HECHTBR	DESIGNED -	REVISED -
		DRAWN - MRK	REVISED -
exp U.S. Services Inc. Chicago, IL BUILDINGS·EARTH & ENVIRONMENT·ENERGY INDUSTRIAL·INFRASTRUCTURE·SUSTAINABILITY	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

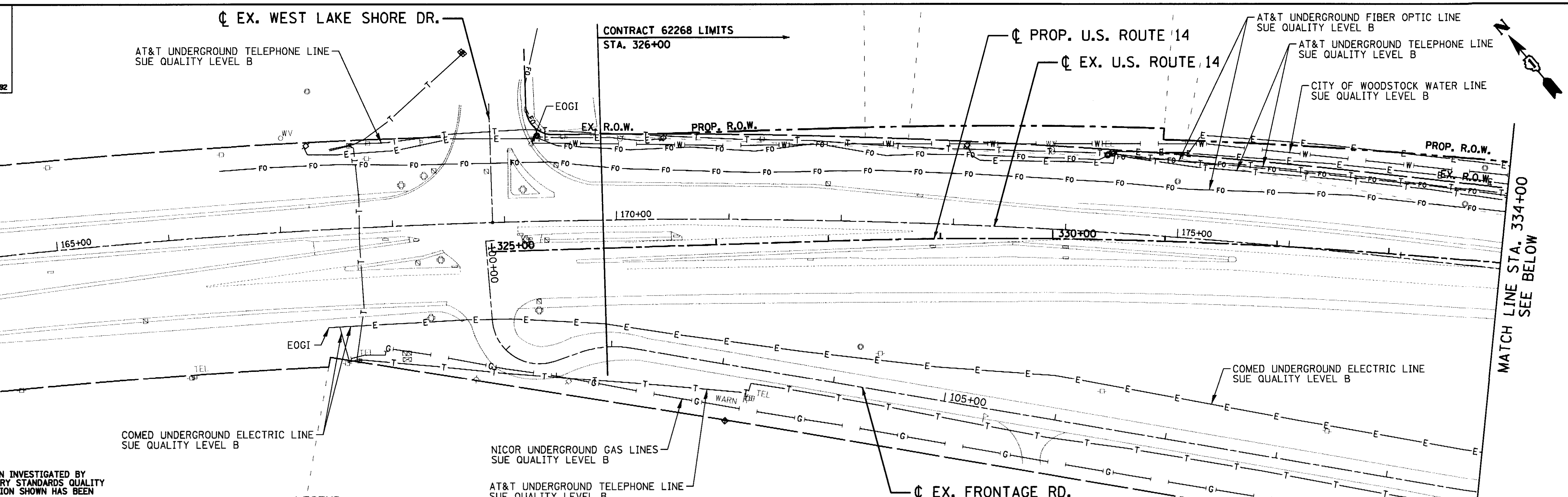
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

DRAINAGE DETAILS – V
PRECAST CONCRETE LID

SCALE: N.T.S. | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	285
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

AMERICAN
SURVEYING & ENGINEERING, P.C.
SURVEYORS · ENGINEERS
GEODESISTS MAPPING SCIENTISTS
Chicago: 312-277-2000 / Fax 312-277-2002
Dixon: 815-288-6231 / Fax 815-288-6277
Aurora: 603-897-4105 / Fax 630-897-4121
Illinois Professional Design Firm No. 184-003192



STATE OF ILLINOIS)
) S.S.
COUNTY OF COOK)

UTILITY(IES) SHOWN HEREON HAVE BEEN INVESTIGATED BY ASE IN ACCORDANCE WITH SUE INDUSTRY STANDARDS QUALITY LEVEL B (QLB). ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED BY OTHERS.

FIELD WORK WAS PERFORMED BETWEEN THE 17TH DAY OF NOVEMBER, 2009 AND 12TH DAY OF AUGUST, 2010 AND BETWEEN THE 23RD DAY OF MAY, 2011 AND THE 20TH DAY OF JULY, 2011.

IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND SEAL THIS 29TH DAY OF JULY A.D., 2011. CHICAGO, IL.

STEVEN M. RIENKS 062-044619 LICENSED PROFESSIONAL ENGINEER OF ILLINOIS

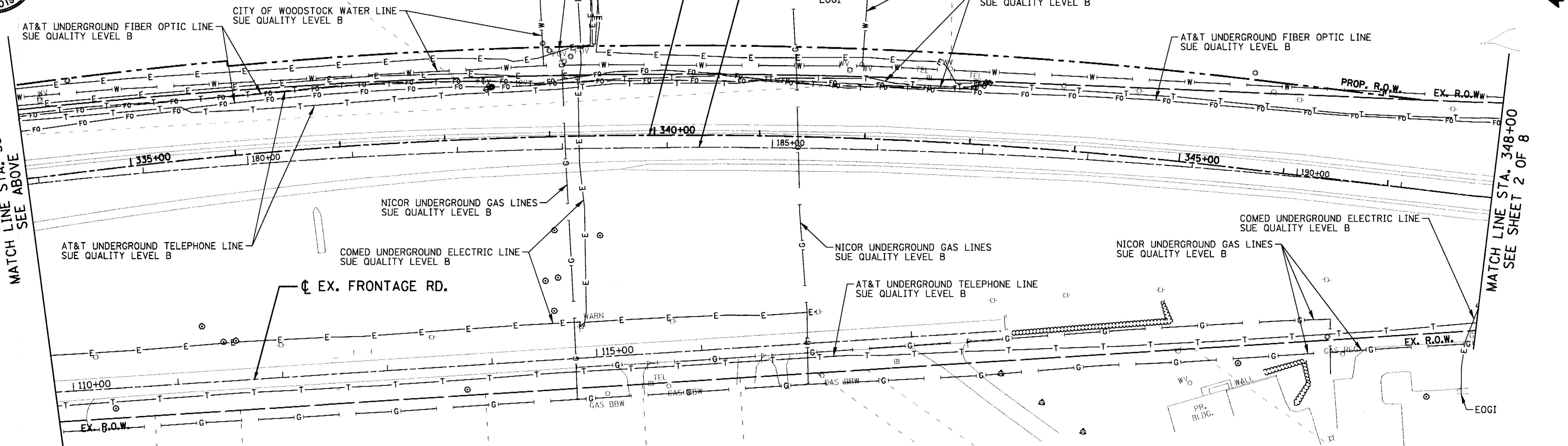
STEVEN M. RIENKS - ILLINOIS PROFESSIONAL
ENGINEER NUMBER 62-044619
MY LICENSE EXPIRES 11/30/2011

LEGEND

T	EXISTING UNDERGROUND TELEPHONE
W	EXISTING UNDERGROUND WATER
E	EXISTING UNDERGROUND ELECTRIC
G	EXISTING UNDERGROUND GAS
CTV	EXISTING UNDERGROUND CABLE TV
EOGI	END OF GEOPHYSICAL INFORMATION

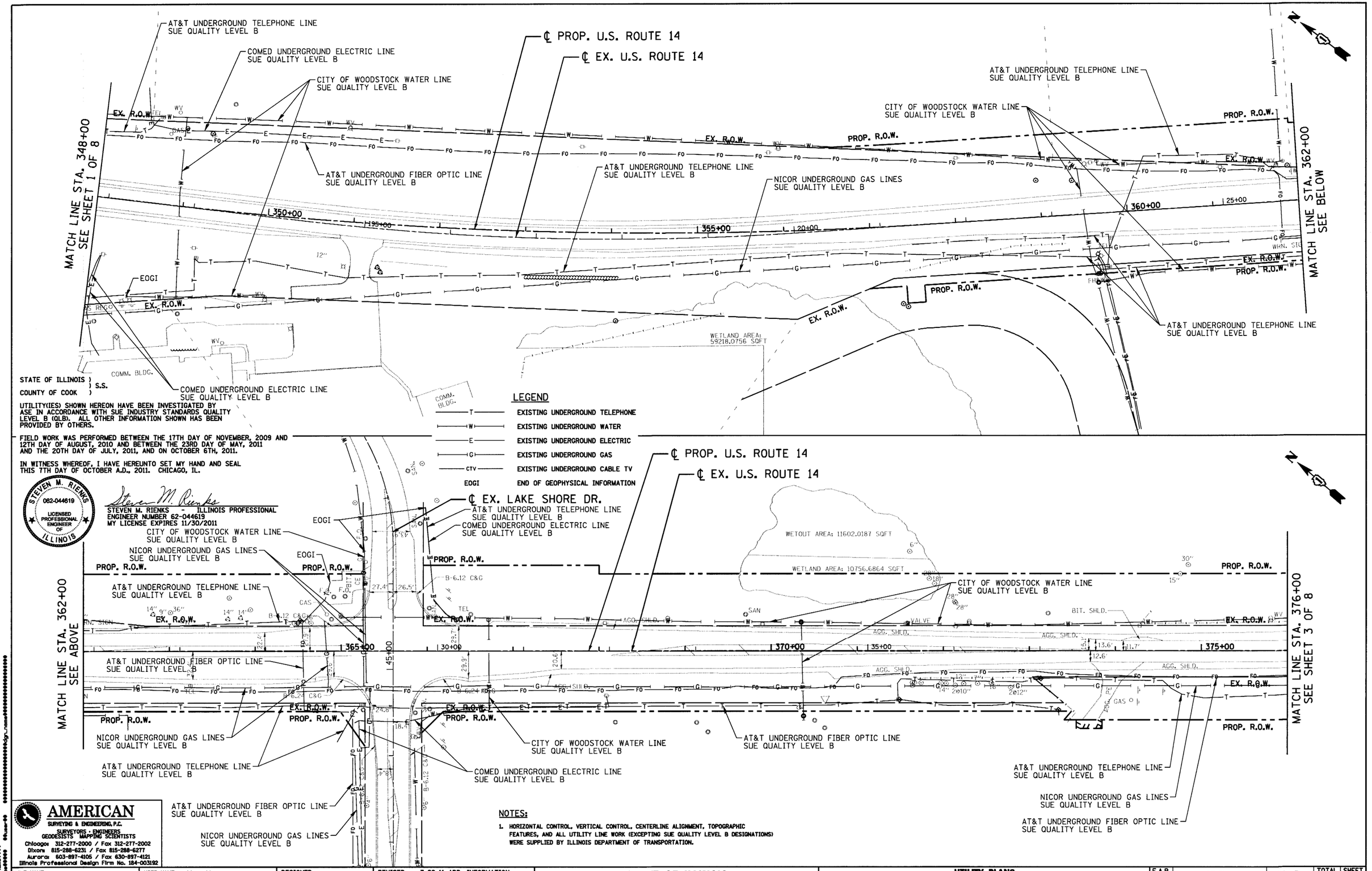
NOTES:

1. HORIZONTAL CONTROL, VERTICAL CONTROL, CENTERLINE ALIGNMENT, TOPOGRAPHIC FEATURES, AND ALL UTILITY LINE WORK (EXCEPTING SUE QUALITY LEVEL B DESIGNATIONS) WERE SUPPLIED BY ILLINOIS DEPARTMENT OF TRANSPORTATION.



FILE NAME = Utl001.dgn	USER NAME = $$user$$	DESIGNED -	REVISED - 7-22-11 ADD. INFORMATION	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION U.S. ROUTE 14	UTILITY PLANS BY S.U.E. STA. 325+00 TO STA. 348+00	F.A.P. RTE. 305	SECTION 27R-2	COUNTY MCHENRY	TOTAL SHEETS 673	SHEET NO. 286
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = 50.0000 ' / IN.	DRAWN -	REVISED -		SCALE: 1"=50'	SHEET NO. 1 OF 8 SHEETS	STA.	TO STA.	CONTRACT NO. 62268	
	PLOT DATE = 12/12/2011	CHECKED -	REVISED -			FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		
		DATE - >DATE	REVISED -							

$$$$ref_list_name$$$$ $$date_time$$$$ $$user$$ $$dgn_name$$



STATE OF ILLINOIS)
) S.S.
COUNTY OF COOK)

UTILITY(IES) SHOWN HEREON HAVE BEEN INVESTIGATED BY ASE IN ACCORDANCE WITH SUE INDUSTRY STANDARDS QUALITY LEVEL B (QLB). ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED BY OTHERS.

FIELD WORK WAS PERFORMED BETWEEN THE 17TH DAY OF NOVEMBER, 2009 AND 12TH DAY OF AUGUST, 2010 AND BETWEEN THE 23RD DAY OF MAY, 2011 AND THE 20TH DAY OF JULY, 2011, AND ON OCTOBER 6TH, 2011.

IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND SEAL THIS 7TH DAY OF OCTOBER A.D., 2011. CHICAGO, IL.

STEVEN M. RIENKS
062-044619
LICENSED PROFESSIONAL ENGINEER OF ILLINOIS

Steven M. Rienks

STEVEN M. RIENKS - ILLINOIS PROFESSIONAL ENGINEER NUMBER 62-044619
MY LICENSE EXPIRES 11/30/2011

LEGEND

T	EXISTING UNDERGROUND TELEPHONE
W	EXISTING UNDERGROUND WATER
E	EXISTING UNDERGROUND ELECTRIC
G	EXISTING UNDERGROUND GAS
CTV	EXISTING UNDERGROUND CABLE TV
EOGI	END OF GEOPHYSICAL INFORMATION

NOTES:

1. HORIZONTAL CONTROL, VERTICAL CONTROL, CENTERLINE ALIGNMENT, TOPOGRAPHIC FEATURES, AND ALL UTILITY LINE WORK (EXCEPTING SUE QUALITY LEVEL B DESIGNATIONS) WERE SUPPLIED BY ILLINOIS DEPARTMENT OF TRANSPORTATION.

AMERICAN
SURVEYING & ENGINEERING, P.C.
SURVEYORS · ENGINEERS
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Aurora: 603-897-4105 / Fax 630-897-4121
Illinois Professional Design Firm No. 184-003192

FILE NAME = Utl002.dgn	USER NAME = ##user##	DESIGNED -	REVISED - 7-22-11 ADD. INFORMATION	
		DRAWN -	REVISED -	
TENG TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED -	
	PLOT DATE = 12/12/2011	DATE - >DATE	REVISED -	

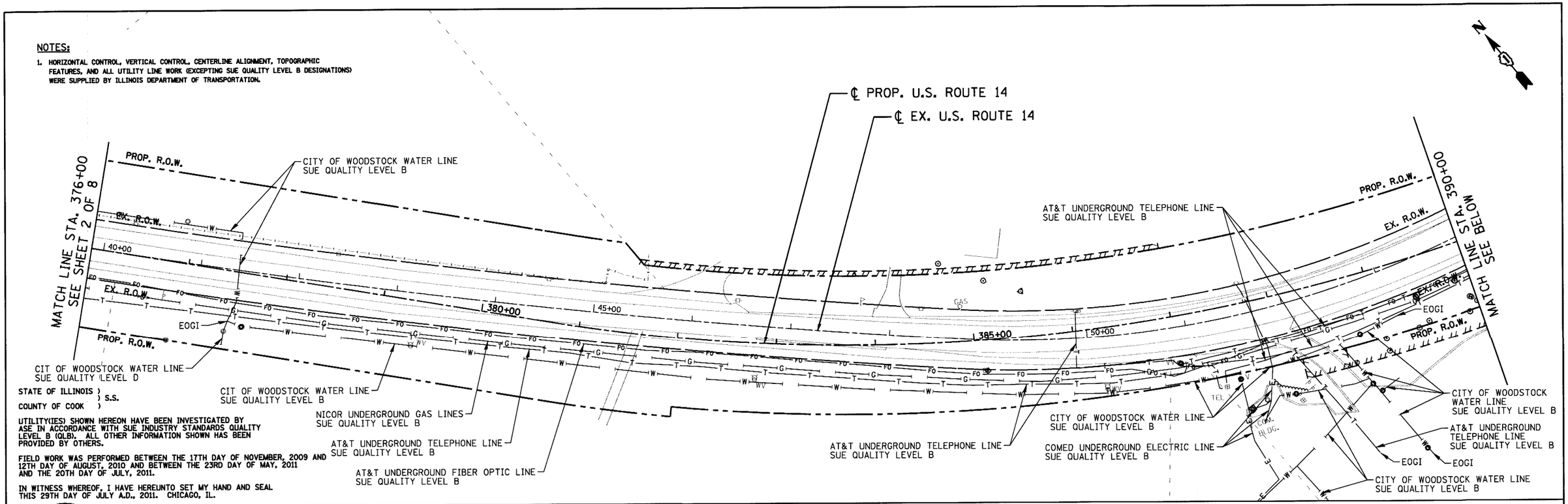
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

UTILITY PLANS
BY S.U.E.
STA. 348+00 TO STA. 376+00
SCALE: 1"=50' | SHEET NO. 2 OF 8 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	287
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

NOTES:

1. HORIZONTAL CONTROL, VERTICAL CONTROL, CENTERLINE ALIGNMENT, TOPOGRAPHIC FEATURES, AND ALL UTILITY LINE WORK (EXCEPTING SUE QUALITY LEVEL B DESIGNATIONS) WERE SUPPLIED BY ILLINOIS DEPARTMENT OF TRANSPORTATION.



STATE OF ILLINOIS)
) S.S.
COUNTY OF COOK)

UTILITY(IES) SHOWN HEREON HAVE BEEN INVESTIGATED BY ASE IN ACCORDANCE WITH SUE INDUSTRY STANDARDS QUALITY LEVEL B (QLB). ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED BY OTHERS.

FIELD WORK WAS PERFORMED BETWEEN THE 17TH DAY OF NOVEMBER, 2009 AND 12TH DAY OF AUGUST, 2010 AND BETWEEN THE 23RD DAY OF MAY, 2011 AND THE 20TH DAY OF JULY, 2011.

IN WITNESS WHEREOF, I HAVE HERETUNTO SET MY HAND AND SEAL THIS 29TH DAY OF JULY A.D., 2011. CHICAGO, IL.

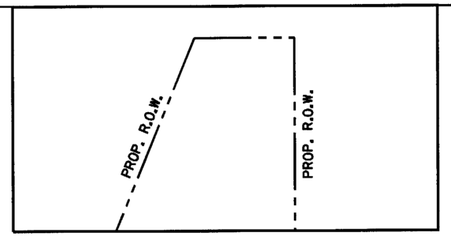
STEVEN M. RIENKS 062-044619 LICENSED PROFESSIONAL ENGINEER OF ILLINOIS

Steven M. Rienks

STEVEN M. RIENKS - ILLINOIS PROFESSIONAL ENGINEER NUMBER 62-044619
MY LICENSE EXPIRES 11/30/2011

LEGEND

—T—	EXISTING UNDERGROUND TELEPHONE
—W—	EXISTING UNDERGROUND WATER
—E—	EXISTING UNDERGROUND ELECTRIC
—G—	EXISTING UNDERGROUND GAS
—CTV—	EXISTING UNDERGROUND CABLE TV
EOGI	END OF GEOPHYSICAL INFORMATION



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Chicago: 312-277-2000 / Fax 312-277-2002
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Aurora: 603-897-4105 / Fax 630-897-4121
Illinois Professional Design Firm No. 184-003192

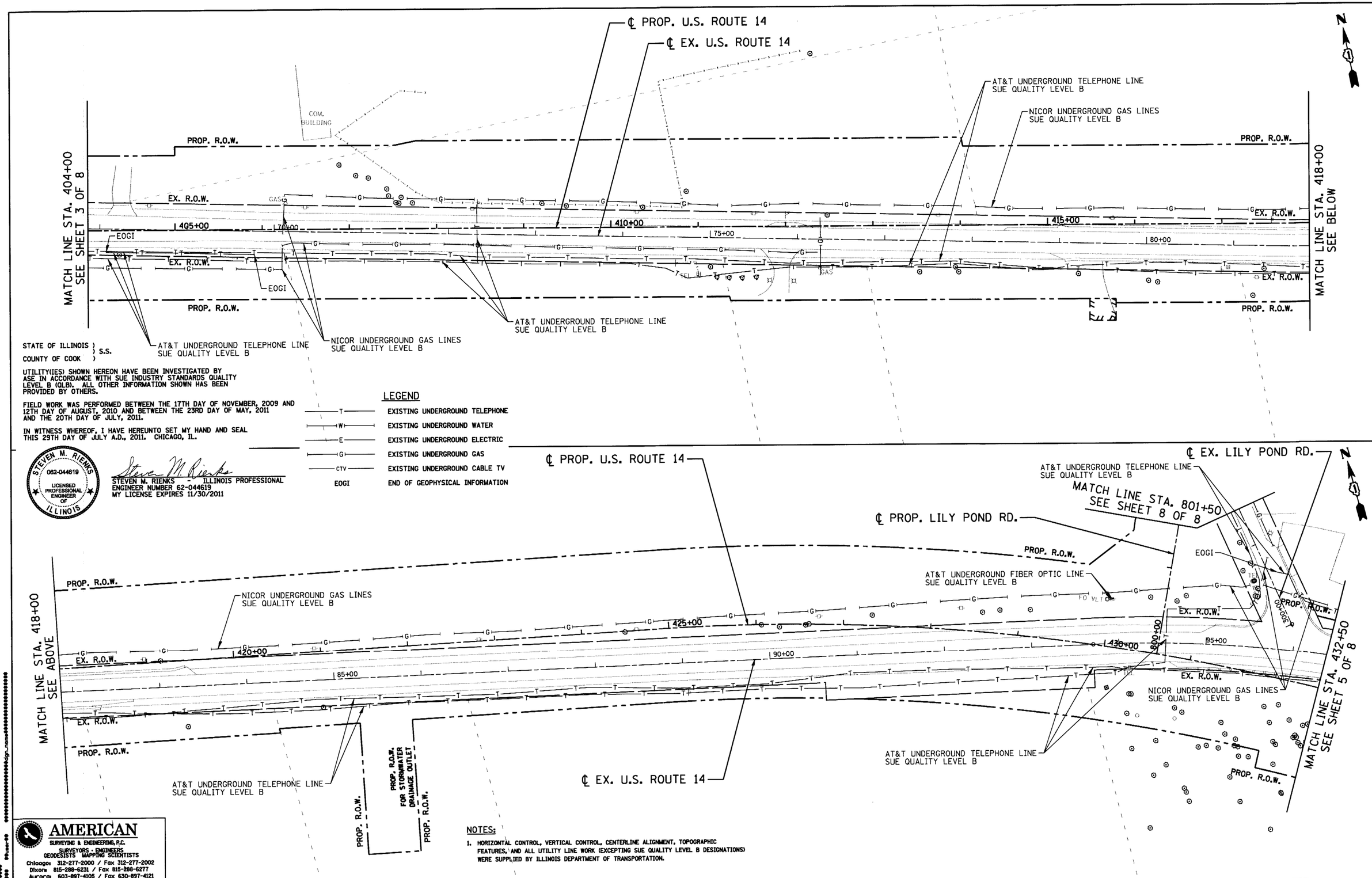
FILE NAME = U:\l003.dgn	USER NAME = ##user##	DESIGNED -	REVISED - 7-22-11 ADD. INFORMATION
		DRAWN -	REVISED -
	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED -
TENG TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT DATE = 12/12/2011	DATE - >DATE	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

UTILITY PLANS
BY S.U.E.
STA. 376+00 TO STA. 404+00

SCALE: 1"=50' | SHEET NO. 3 OF 8 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	288
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



STATE OF ILLINOIS)
) S.S.
COUNTY OF COOK)

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STEVEN M. RIENKS 062-044619 LICENSED PROFESSIONAL ENGINEER OF ILLINOIS

STEVEN M. RIENKS - ILLINOIS PROFESSIONAL ENGINEER NUMBER 62-044619
MY LICENSE EXPIRES 11/30/2011

LEGEND

T	EXISTING UNDERGROUND TELEPHONE
W	EXISTING UNDERGROUND WATER
E	EXISTING UNDERGROUND ELECTRIC
G	EXISTING UNDERGROUND GAS
CTV	EXISTING UNDERGROUND CABLE TV
EOGI	END OF GEOPHYSICAL INFORMATION

NOTES:

1. HORIZONTAL CONTROL, VERTICAL CONTROL, CENTERLINE ALIGNMENT, TOPOGRAPHIC FEATURES, AND ALL UTILITY LINE WORK (EXCEPTING SUE QUALITY LEVEL B DESIGNATIONS) WERE SUPPLIED BY ILLINOIS DEPARTMENT OF TRANSPORTATION.

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Aurora: 603-897-4105 / Fax 630-897-4121
Illinois Professional Design Firm No. 184-003192

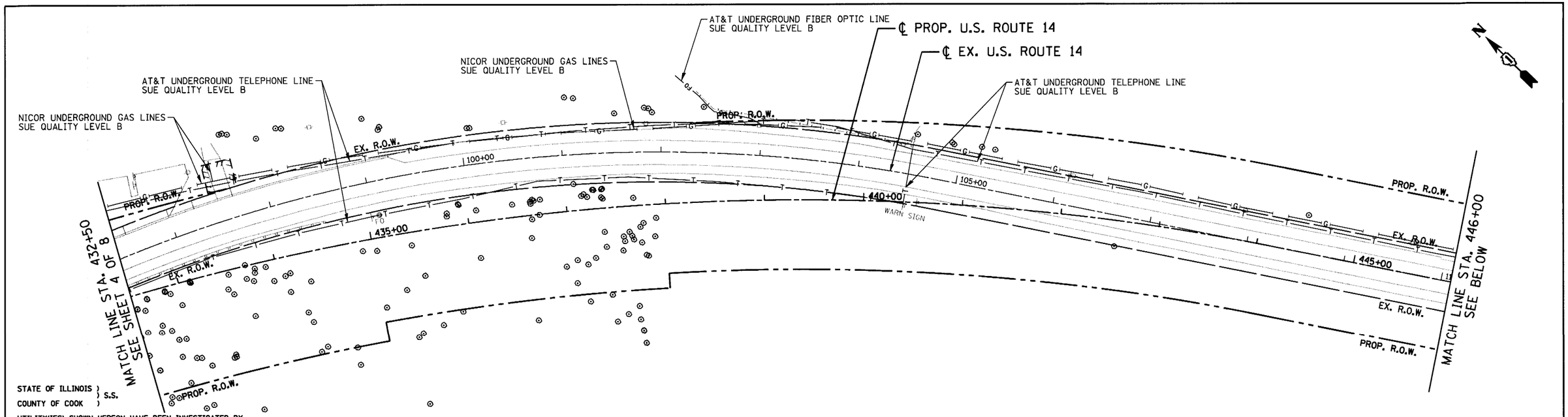
FILE NAME = Utl004.dgn	USER NAME = ##user##	DESIGNED -	REVISED - 7-22-11 ADD. INFORMATION
		DRAWN -	REVISED -
	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED -
TENG TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT DATE = 12/12/2011	DATE - >DATE	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

UTILITY PLANS
BY S.U.E.
STA. 404+00 TO STA. 432+50

SCALE: 1"=50' | SHEET NO. 4 OF 8 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	289
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



STATE OF ILLINOIS)
) S.S.
COUNTY OF COOK)

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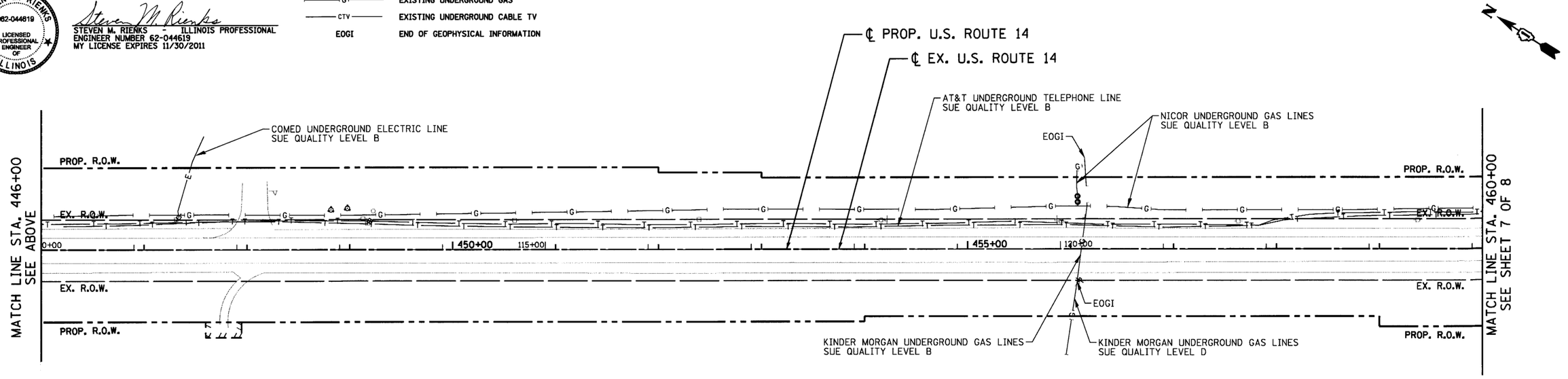
IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND SEAL THIS 29TH DAY OF JULY A.D., 2011. CHICAGO, IL.

STEVEN M. RIENKS
062-044619
LICENSED PROFESSIONAL ENGINEER OF ILLINOIS

STEVEN M. RIENKS - ILLINOIS PROFESSIONAL ENGINEER NUMBER 62-044619
MY LICENSE EXPIRES 11/30/2011

LEGEND

T	EXISTING UNDERGROUND TELEPHONE
W	EXISTING UNDERGROUND WATER
E	EXISTING UNDERGROUND ELECTRIC
G	EXISTING UNDERGROUND GAS
CTV	EXISTING UNDERGROUND CABLE TV
EOGI	END OF GEOPHYSICAL INFORMATION



NOTES:

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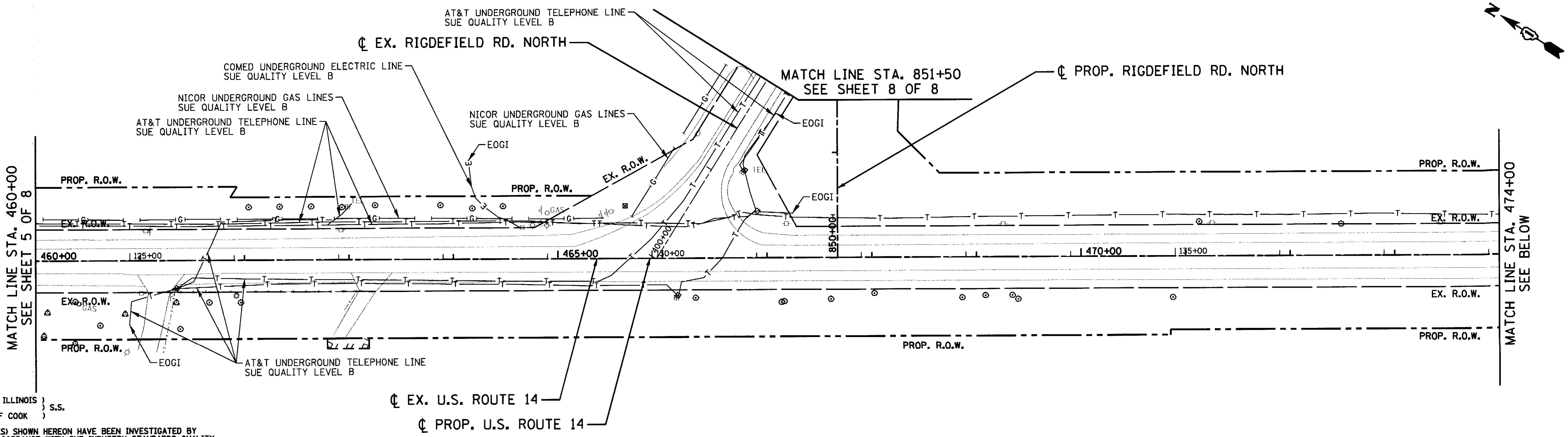
Aurora: 603-897-4105 / Fax 630-897-4121
Illinois Professional Design Firm No. 184-003192

FILE NAME = Us1805.dgn	USER NAME = ##user##	DESIGNED -	REVISED - 7-22-11 ADD. INFORMATION	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION U.S. ROUTE 14	UTILITY PLANS BY S.U.E. STA. 432+50 TO STA. 460+00			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					305	27R-2	MCHENRY	673	290
	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED -							CONTRACT NO. 62268		
TENG TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT DATE = 12/12/2011	DATE - >DATE	REVISED -		SCALE: 1"=50'	SHEET NO. 5 OF 8 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



STATE OF ILLINOIS) S.S.
COUNTY OF COOK)

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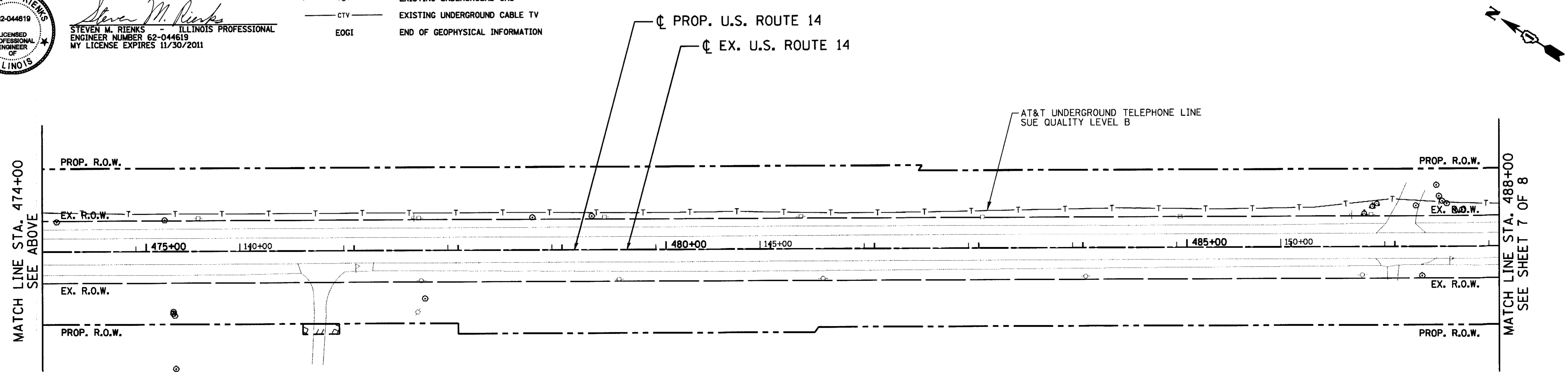
STEVEN M. RIENKS 062-044619 LICENSED PROFESSIONAL ENGINEER OF ILLINOIS

Steven M. Rienks
STEVEN M. RIENKS - ILLINOIS PROFESSIONAL ENGINEER NUMBER 62-044619
MY LICENSE EXPIRES 11/30/2011

LEGEND

——T——	EXISTING UNDERGROUND TELEPHONE
——W——	EXISTING UNDERGROUND WATER
——E——	EXISTING UNDERGROUND ELECTRIC
——G——	EXISTING UNDERGROUND GAS
——CTV——	EXISTING UNDERGROUND CABLE TV
EOGI	END OF GEOPHYSICAL INFORMATION



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Aurora: 603-897-4105 / Fax 630-897-4121
Illinois Professional Design Firm No. 184-003192

NOTES:

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FILE NAME = Utl006.dgn	USER NAME = $$user$$	DESIGNED -	REVISED - 7-22-11 ADD. INFORMATION
		DRAWN -	REVISED -
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = 50.0000 '/ IN.	CHECKED -	REVISED -
	PLOT DATE = 12/12/2011	DATE - >DATE	REVISED -

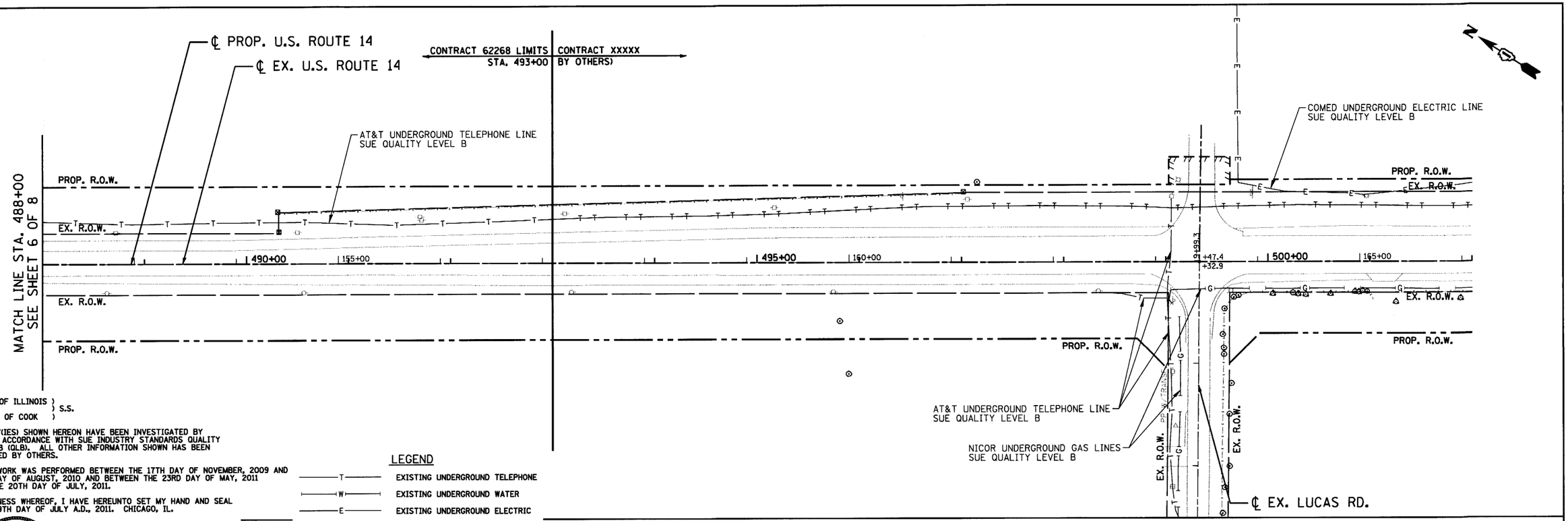
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

UTILITY PLANS
BY S.U.E.
STA. 460+00 TO STA. 488+00

SCALE: 1"=50' | SHEET NO. 6 OF 8 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	291
		CONTRACT NO. 62268		

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



STATE OF ILLINOIS)
) S.S.
COUNTY OF COOK)

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STEVEN M. RIENKS 062-044619 LICENSED PROFESSIONAL ENGINEER OF ILLINOIS

STEVEN M. RIENKS - ILLINOIS PROFESSIONAL ENGINEER NUMBER 62-044619
MY LICENSE EXPIRES 11/30/2011

LEGEND

T	EXISTING UNDERGROUND TELEPHONE
W	EXISTING UNDERGROUND WATER
E	EXISTING UNDERGROUND ELECTRIC
G	EXISTING UNDERGROUND GAS
CTV	EXISTING UNDERGROUND CABLE TV
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AMERICAN
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FILE NAME = U:\1007.dgn	USER NAME = ##user##	DESIGNED -	REVISED -
		DRAWN -	REVISED -
TENG TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 12/12/2011	DATE - >DATE	REVISED -

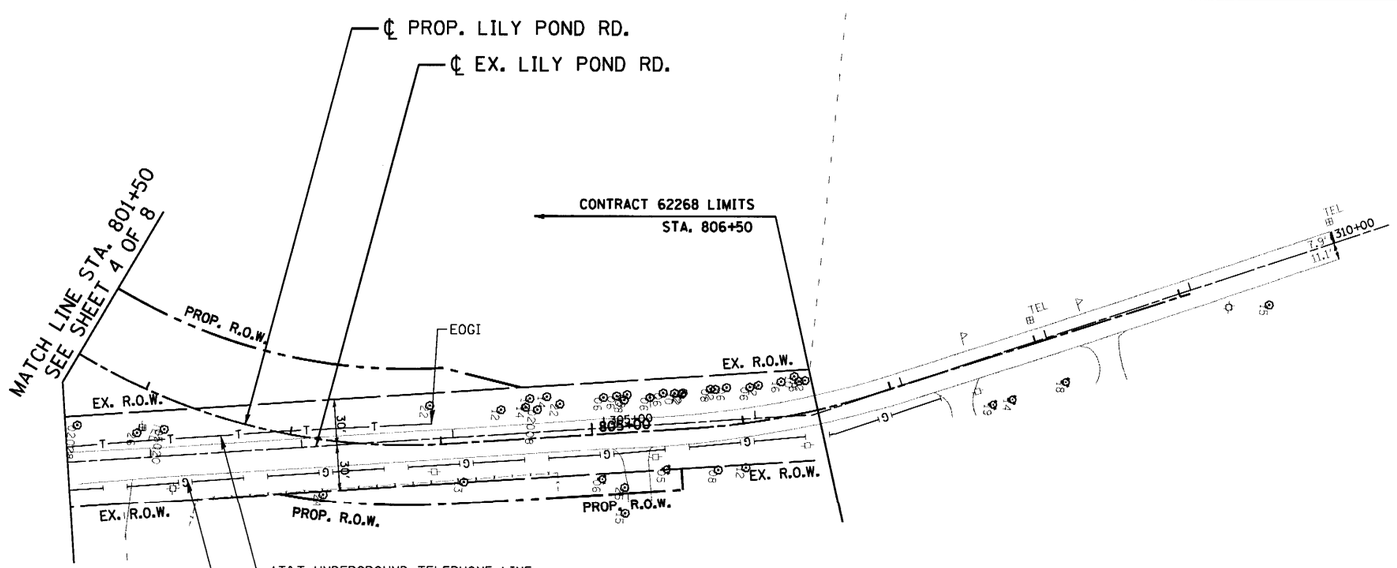
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

UTILITY PLANS
BY S.U.E.
STA. 488+00 TO STA. 502+00

SCALE: 1"=50' | SHEET NO. 7 OF 8 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	292
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

$$$$-of_list_name$$$$
$$$$date_time$$$$ $$user$$ $$$$design_name$$$$



STATE OF ILLINOIS)
) S.S.
COUNTY OF COOK)

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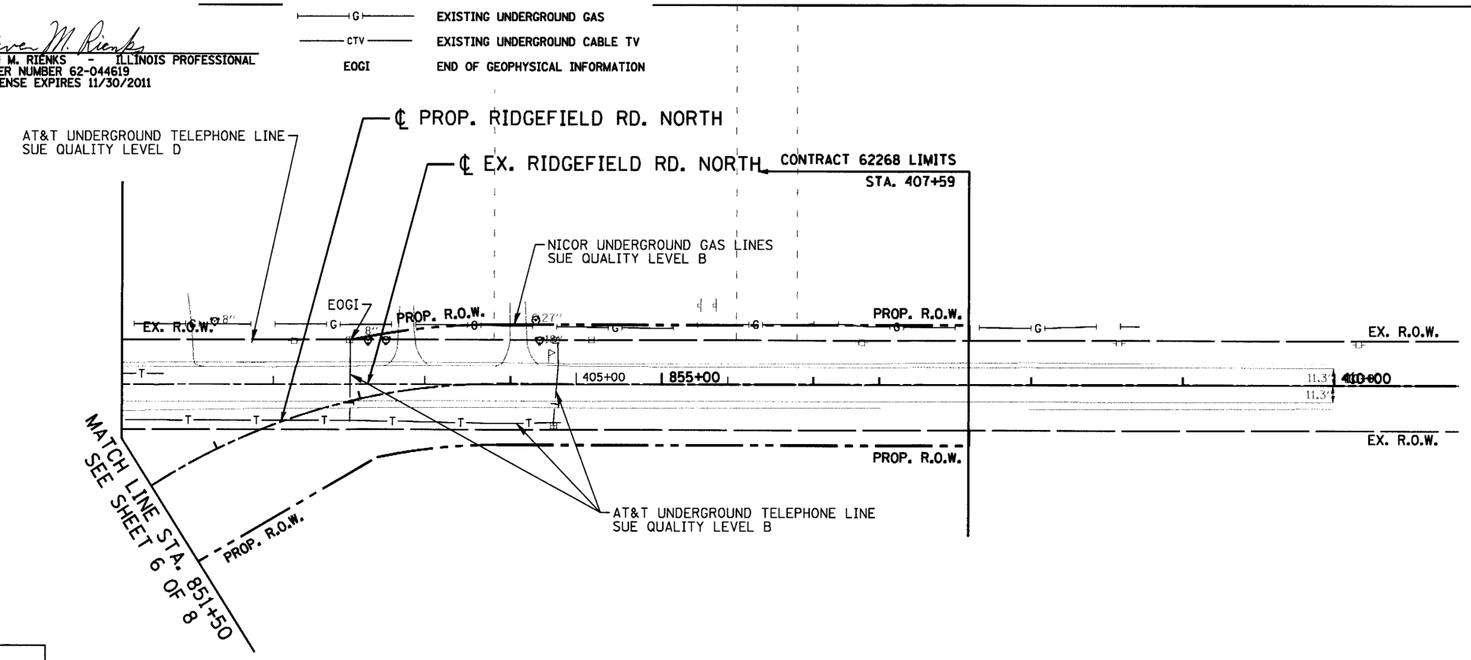
STEVEN M. RIENKS 062-044619 LICENSED PROFESSIONAL ENGINEER OF ILLINOIS

Steven M. Rienks
STEVEN M. RIENKS ILLINOIS PROFESSIONAL
ENGINEER NUMBER 62-044619
MY LICENSE EXPIRES 11/30/2011

LEGEND

——T——	EXISTING UNDERGROUND TELEPHONE
——W——	EXISTING UNDERGROUND WATER
——E——	EXISTING UNDERGROUND ELECTRIC
——G——	EXISTING UNDERGROUND GAS
——CTV——	EXISTING UNDERGROUND CABLE TV
EOGI	END OF GEOPHYSICAL INFORMATION



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NOTES:

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FILE NAME = Ut1008.dgn	USER NAME = **user**	DESIGNED -	REVISED - 7-22-11 ADD. INFORMATION
		DRAWN -	REVISED -
TENG ENGINEERING/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 12/12/2011	DATE - >DATE	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

UTILITY PLANS
BY S.U.E.
LILY POND & RIDGEFIELD RD.
SCALE: 1"=50' | SHEET NO. 8 OF 8 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	293
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

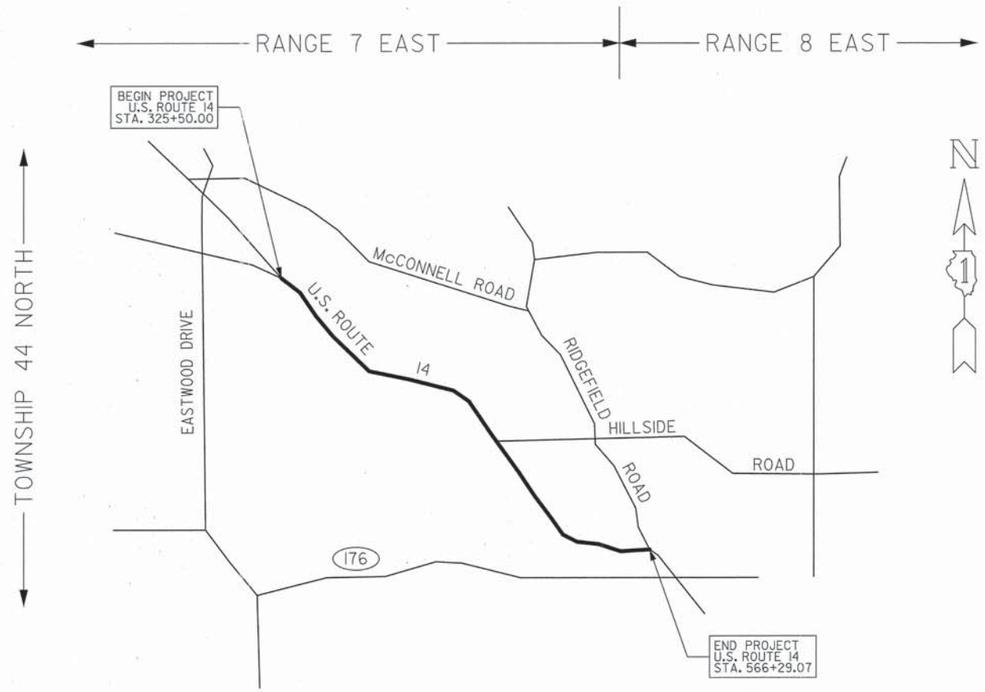
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305		McHENRY	88	1
F.H.W.A. REG	ILLINOIS	PROJECT		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY PLANS

FOR PROPOSED FEDERAL AID HIGHWAY

ROUTE: F.A.P. 305 (U.S. ROUTE 14)
SECTION:
PROJECT NO.:
JOB NO.: R-91-015-98
COUNTY: McHENRY
LIMITS: WEST LAKE SHORE DRIVE TO DOLE AVENUE

LOCATION OF SECTION INDICATED THUS: ▬



PROJECT LENGTH = 24,079.07 LIN. FT. = 4.560 MILES

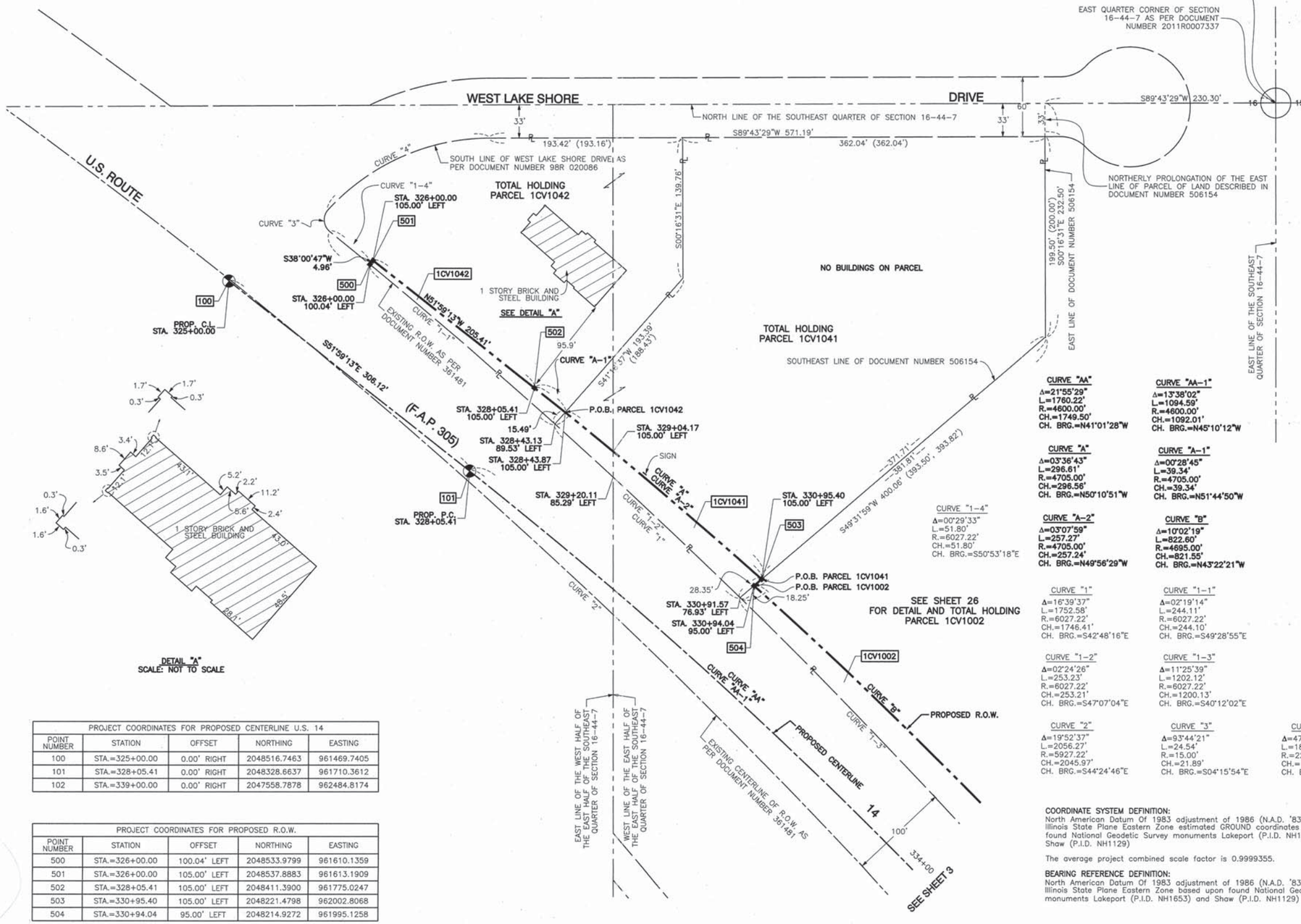
55
RECEIVED
APR 05 2012
PLATS & LEGALS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED _____ 20____
DISTRICT ENGINEER
EXAMINED _____ 20____
DISTRICT RIGHT OF WAY PLANS ENGINEER
PASSED _____ 20____
DISTRICT LAND ACQUISITION ENGINEER
REVIEWED _____ 20____
CENTRAL BUREAU RIGHT OF WAY PLANS ENGINEER
APPROVED _____ 20____
ENGINEER OF LAND ACQUISTION

PART OF SECTION 16, TOWNSHIP 44 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN McHENRY COUNTY, ILLINOIS

PARCEL NO.	OWNER	TOTAL HOLDING (ACRES) SQ.FEET	PART TAKEN (ACRES) SQ.FEET	REMAINDER (ACRES) SQ.FEET	PREVIOUS DEDICATION (ACRES) SQ.FEET	EASEMENT (ACRES) SQ.FEET	EASEMENT PURPOSE	TAX NUMBER(S)	ACQUIRED BY
1CV1002	Wells Manufacturing Company, an Illinois corporation	(74.945)	(0.861)	(74.084)	N/A	N/A	N/A	13-16-400-032 13-15-100-021 13-15-300-053 13-15-100-022 13-15-100-018 13-15-300-066 13-15-100-019 13-15-300-065 13-15-100-020 13-15-300-037	
1CV1041	Synergy Property Holdings, LLC, an Illinois limited liability company	(3.249)	(0.129)	(3.120)	N/A	N/A	N/A	13-16-400-034 13-16-400-035	
1CV1042	County Seat Custard, LLC	(1.513)	(0.053)	(1.460)	N/A	N/A	N/A	13-16-400-036	



DETAIL "A"
SCALE: NOT TO SCALE

CURVE "1-4"
Δ=00°29'33"
L.=51.80'
R.=6027.22'
CH.=51.80'
CH. BRG.=S50°53'18"E

CURVE "AA"
Δ=21°55'29"
L.=1760.22'
R.=4600.00'
CH.=1749.50'
CH. BRG.=N41°01'28"W

CURVE "AA-1"
Δ=13°38'02"
L.=1094.59'
R.=4600.00'
CH.=1092.01'
CH. BRG.=N45°10'12"W

CURVE "A"
Δ=03°36'43"
L.=296.61'
R.=4705.00'
CH.=296.56'
CH. BRG.=N50°10'51"W

CURVE "A-1"
Δ=00°28'45"
L.=39.34'
R.=4695.00'
CH.=39.34'
CH. BRG.=N51°44'50"W

CURVE "A-2"
Δ=03°07'59"
L.=257.27'
R.=4705.00'
CH.=257.24'
CH. BRG.=N49°56'29"W

CURVE "B"
Δ=10°02'19"
L.=822.60'
R.=4695.00'
CH.=821.55'
CH. BRG.=N43°22'21"W

CURVE "1"
Δ=16°39'37"
L.=1752.58'
R.=6027.22'
CH.=1746.41'
CH. BRG.=S42°48'16"E

CURVE "1-1"
Δ=02°19'14"
L.=244.11'
R.=6027.22'
CH.=244.10'
CH. BRG.=S49°28'55"E

CURVE "1-2"
Δ=02°24'26"
L.=253.23'
R.=6027.22'
CH.=253.21'
CH. BRG.=S47°07'04"E

CURVE "1-3"
Δ=11°25'39"
L.=1202.12'
R.=6027.22'
CH.=1200.13'
CH. BRG.=S40°12'02"E

CURVE "2"
Δ=19°52'37"
L.=2056.27'
R.=5927.22'
CH.=2045.97'
CH. BRG.=S44°24'46"E

CURVE "3"
Δ=93°44'21"
L.=24.54'
R.=15.00'
CH.=21.89'
CH. BRG.=S04°15'54"E

CURVE "4"
Δ=47°07'13"
L.=180.93'
R.=220.00'
CH.=175.87'
CH. BRG.=S66°09'53"W

PROJECT COORDINATES FOR PROPOSED CENTERLINE U.S. 14				
POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
100	STA.=325+00.00	0.00' RIGHT	2048516.7463	961469.7405
101	STA.=328+05.41	0.00' RIGHT	2048328.6637	961710.3612
102	STA.=339+00.00	0.00' RIGHT	2047558.7878	962484.8174

PROJECT COORDINATES FOR PROPOSED R.O.W.				
POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
500	STA.=326+00.00	100.04' LEFT	2048533.9799	961610.1359
501	STA.=326+00.00	105.00' LEFT	2048537.8883	961613.1909
502	STA.=328+05.41	105.00' LEFT	2048411.3900	961775.0247
503	STA.=330+95.40	105.00' LEFT	2048221.4798	962002.8068
504	STA.=330+94.04	95.00' LEFT	2048214.9272	961995.1258

LEGEND

- SECTION CORNER (09|10 / 16|15)
- QUARTER SECTION CORNER (16 — 15)
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE (R.)
- APPARENT PROPERTY LINE (APL)
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- 120.32' MEASURED DIMENSION
- 129.32'(Comp.) COMPUTED DIMENSION
- ( ) RECORD DATA
- EXISTING BUILDING

N

SCALE: 1"=50'

- ○ IRON PIPE OR ROD SET OR FOUND
- + CUT CROSS SET OR FOUND
- ⊠ CONCRETE R.O.W. MARKER FOUND
- ◒ 3/4" IRON PIPE SET OR FOUND
- ⊕ "MAG" NAIL SET OR FOUND
- ● 5/8" REBAR SET OR FOUND
- ⊛ "P.K" NAIL SET OR FOUND
- ● T1 T2 T3 **THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.** SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ● BT1 BT2 BT3 **THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION.** BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ■ **STAKING OF PROPOSED RIGHT OF WAY.** SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- ■ M **STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.** BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STD 2135
- □ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
} SS
COUNTY OF COOK }

THIS IS TO CERTIFY THAT I, RANDELL E. GANN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 16, TOWNSHIP 44 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, ILLINOIS, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT SOUTH HOLLAND, ILLINOIS THIS 22ND DAY OF OCTOBER, 2010 A.D.

RANDELL E. GANN 035-003241 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS SOUTH HOLLAND, ILLINOIS

ILLINOIS REGISTERED LAND SURVEYOR NO. 035-003241
EXPIRATION DATE: NOVEMBER 30, 2012

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

GS

RECEIVED
APR 05 2012
PLATS & LEGALS

Robinson ENGINEERING
17000 SOUTH PARK AVENUE
SOUTH HOLLAND, IL 60473
(708) 331-6700

COORDINATE SYSTEM DEFINITION:
North American Datum Of 1983 adjustment of 1986 (N.A.D. '83 (1986)) Illinois State Plane Eastern Zone estimated GROUND coordinates based upon found National Geodetic Survey monuments Lakeport (P.I.D. NH1653) and Shaw (P.I.D. NH1129)

The average project combined scale factor is 0.9999355.

BEARING REFERENCE DEFINITION:
North American Datum Of 1983 adjustment of 1986 (N.A.D. '83 (1986)) Illinois State Plane Eastern Zone based upon found National Geodetic Survey monuments Lakeport (P.I.D. NH1653) and Shaw (P.I.D. NH1129)

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14
WEST LAKE SHORE DRIVE TO DOLE AVENUE

SECTION — McHENRY COUNTY
PROJECT — JOB NO. R-91-015-98
STATION 325+00 TO STATION 334+00
SCALE: 1"=50' — SHEET 02 OF 88

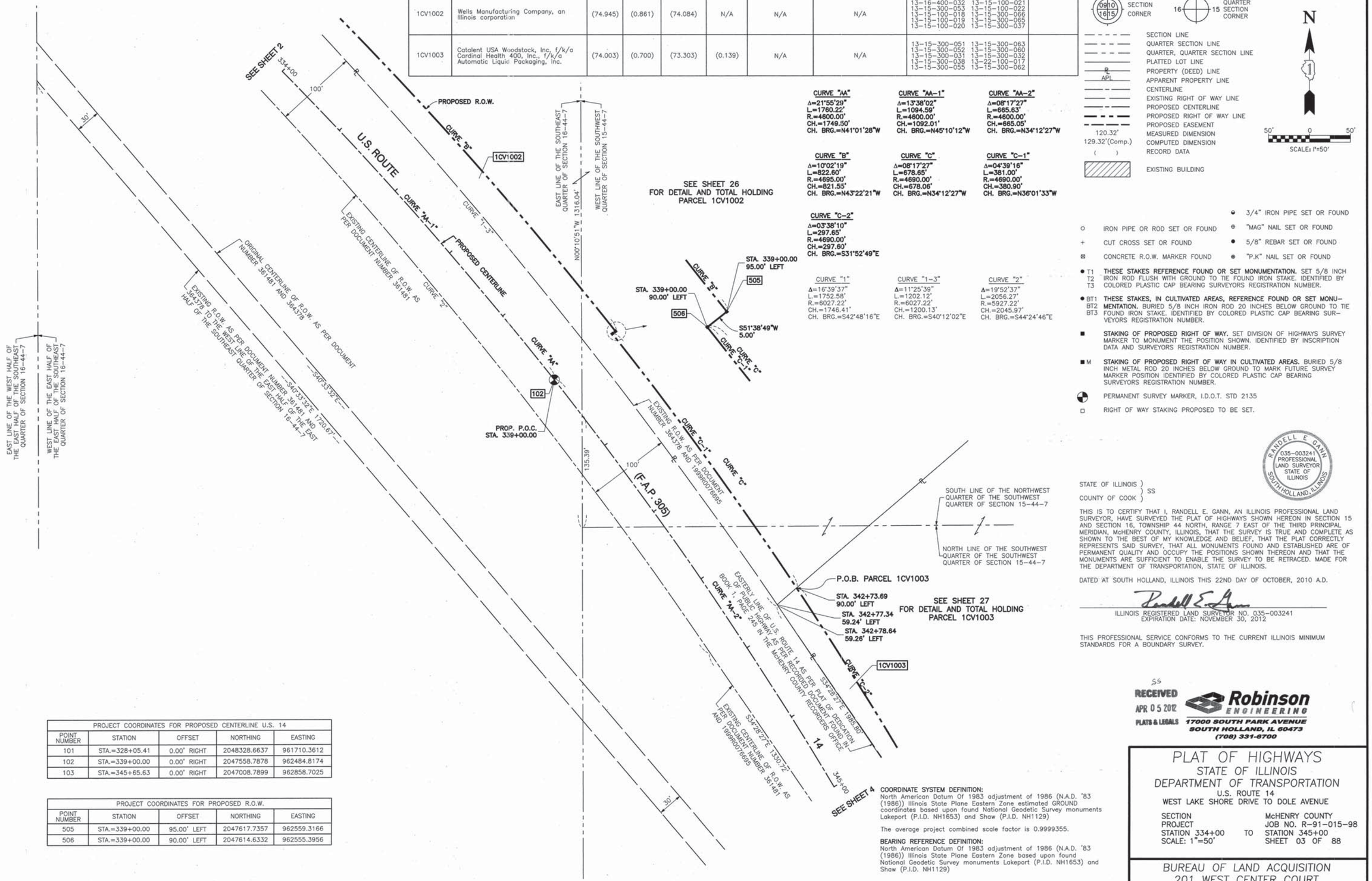
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

DATE	BY		R.O.W. PLAT
			NOTEBOOK NO.

ROUTE: U.S. ROUTE 14 (F.A.P. 305) COUNTY: McHENRY JOB NO.: R-91-015-98 RECORDED ON: AS DOCUMENT NO.

PART OF SECTION 15 AND SECTION 16, TOWNSHIP 44 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN McHENRY COUNTY, ILLINOIS

PARCEL NO.	OWNER	TOTAL HOLDING (ACRES) SQ.FEET	PART TAKEN (ACRES) SQ.FEET	REMAINDER (ACRES) SQ.FEET	PREVIOUS DEDICATION (ACRES) SQ.FEET	EASEMENT (ACRES) SQ.FEET	EASEMENT PURPOSE	TAX NUMBER(S)	ACQUIRED BY
1CV1002	Wells Manufacturing Company, an Illinois corporation	(74.945)	(0.861)	(74.084)	N/A	N/A	N/A	13-16-400-032 13-15-100-021 13-15-300-053 13-15-100-022 13-15-100-018 13-15-300-066 13-15-100-019 13-15-300-065 13-15-100-020 13-15-300-037	
1CV1003	Catalent USA Woodstock, Inc. f/k/a Cardinal Health 400, Inc., f/k/a Automatic Liquid Packaging, Inc.	(74.003)	(0.700)	(73.303)	(0.139)	N/A	N/A	13-15-300-051 13-15-300-063 13-15-300-052 13-15-300-060 13-15-300-031 13-15-300-032 13-15-300-038 13-22-100-017 13-15-300-055 13-15-300-062	



CURVE "AA"
Δ=21°55'29"
L.=1760.22'
R.=4600.00'
CH.=1749.50'
CH. BRG.=N41°01'28"W

CURVE "AA-1"
Δ=13°38'02"
L.=1094.59'
R.=4600.00'
CH.=1092.01'
CH. BRG.=N45°10'12"W

CURVE "AA-2"
Δ=08°17'27"
L.=665.63'
R.=4600.00'
CH.=665.05'
CH. BRG.=N34°12'27"W

CURVE "B"
Δ=10°02'19"
L.=822.60'
R.=4695.00'
CH.=821.55'
CH. BRG.=N43°22'21"W

CURVE "C"
Δ=08°17'27"
L.=678.65'
R.=4690.00'
CH.=678.06'
CH. BRG.=N34°12'27"W

CURVE "C-1"
Δ=04°39'16"
L.=381.00'
R.=4690.00'
CH.=380.90'
CH. BRG.=N36°01'33"W

CURVE "C-2"
Δ=03°38'10"
L.=297.65'
R.=4690.00'
CH.=297.60'
CH. BRG.=S31°52'49"E

CURVE "1"
Δ=16°39'37"
L.=1752.58'
R.=6027.22'
CH.=1746.41'
CH. BRG.=S42°48'16"E

CURVE "1-3"
Δ=11°25'39"
L.=1202.12'
R.=6027.22'
CH.=1200.13'
CH. BRG.=S40°12'02"E

CURVE "2"
Δ=19°52'37"
L.=2056.27'
R.=5927.22'
CH.=2045.97'
CH. BRG.=S44°24'46"E

LEGEND

- SECTION CORNER (09 10 / 16 15)
- QUARTER SECTION CORNER (16 / 15)
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- 120.32' MEASURED DIMENSION
- 129.32'(Comp.) COMPUTED DIMENSION
- ( ) RECORD DATA
- EXISTING BUILDING

N

SCALE: 1"=50'

- ○ IRON PIPE OR ROD SET OR FOUND
- + CUT CROSS SET OR FOUND
- ⊠ CONCRETE R.O.W. MARKER FOUND
- ● 3/4" IRON PIPE SET OR FOUND
- ⊕ "MAG" NAIL SET OR FOUND
- ● 5/8" REBAR SET OR FOUND
- ⊛ "P.K" NAIL SET OR FOUND
- ● T1 T2 T3 **THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.** SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ● BT1 BT2 BT3 **THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION.** BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ■ **STAKING OF PROPOSED RIGHT OF WAY.** SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- ■ M **STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.** BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ◔ PERMANENT SURVEY MARKER, I.D.O.T. STD 2135
- □ RIGHT OF WAY STAKING PROPOSED TO BE SET.

PROJECT COORDINATES FOR PROPOSED CENTERLINE U.S. 14				
POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
101	STA.=328+05.41	0.00' RIGHT	2048328.6637	961710.3612
102	STA.=339+00.00	0.00' RIGHT	2047558.7878	962484.8174
103	STA.=345+65.63	0.00' RIGHT	2047008.7899	962858.7025

PROJECT COORDINATES FOR PROPOSED R.O.W.				
POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
505	STA.=339+00.00	95.00' LEFT	2047617.7357	962559.3166
506	STA.=339+00.00	90.00' LEFT	2047614.6332	962555.3956

COORDINATE SYSTEM DEFINITION:
North American Datum Of 1983 adjustment of 1986 (N.A.D. '83 (1986)) Illinois State Plane Eastern Zone estimated GROUND coordinates based upon found National Geodetic Survey monuments Lakeport (P.I.D. NH1653) and Shaw (P.I.D. NH1129)

The average project combined scale factor is 0.9999355.

BEARING REFERENCE DEFINITION:
North American Datum Of 1983 adjustment of 1986 (N.A.D. '83 (1986)) Illinois State Plane Eastern Zone based upon found National Geodetic Survey monuments Lakeport (P.I.D. NH1653) and Shaw (P.I.D. NH1129)

RANDELL E GANN
035-003241
PROFESSIONAL LAND SURVEYOR
STATE OF ILLINOIS
SOUTH HOLLAND, ILLINOIS

STATE OF ILLINOIS)
) SS
COUNTY OF COOK)

THIS IS TO CERTIFY THAT I, RANDELL E. GANN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 15 AND SECTION 16, TOWNSHIP 44 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, ILLINOIS, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT SOUTH HOLLAND, ILLINOIS THIS 22ND DAY OF OCTOBER, 2010 A.D.

ILLINOIS REGISTERED LAND SURVEYOR NO. 035-003241
EXPIRATION DATE: NOVEMBER 30, 2012

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

SS
RECEIVED
APR 05 2012
PLATS & LEGALS

Robinson ENGINEERING
17000 SOUTH PARK AVENUE
SOUTH HOLLAND, IL 60473
(708) 331-6700

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14
WEST LAKE SHORE DRIVE TO DOLE AVENUE

SECTION — McHENRY COUNTY
PROJECT — JOB NO. R-91-015-98
STATION 334+00 TO STATION 345+00
SCALE: 1"=50' — SHEET 03 OF 88

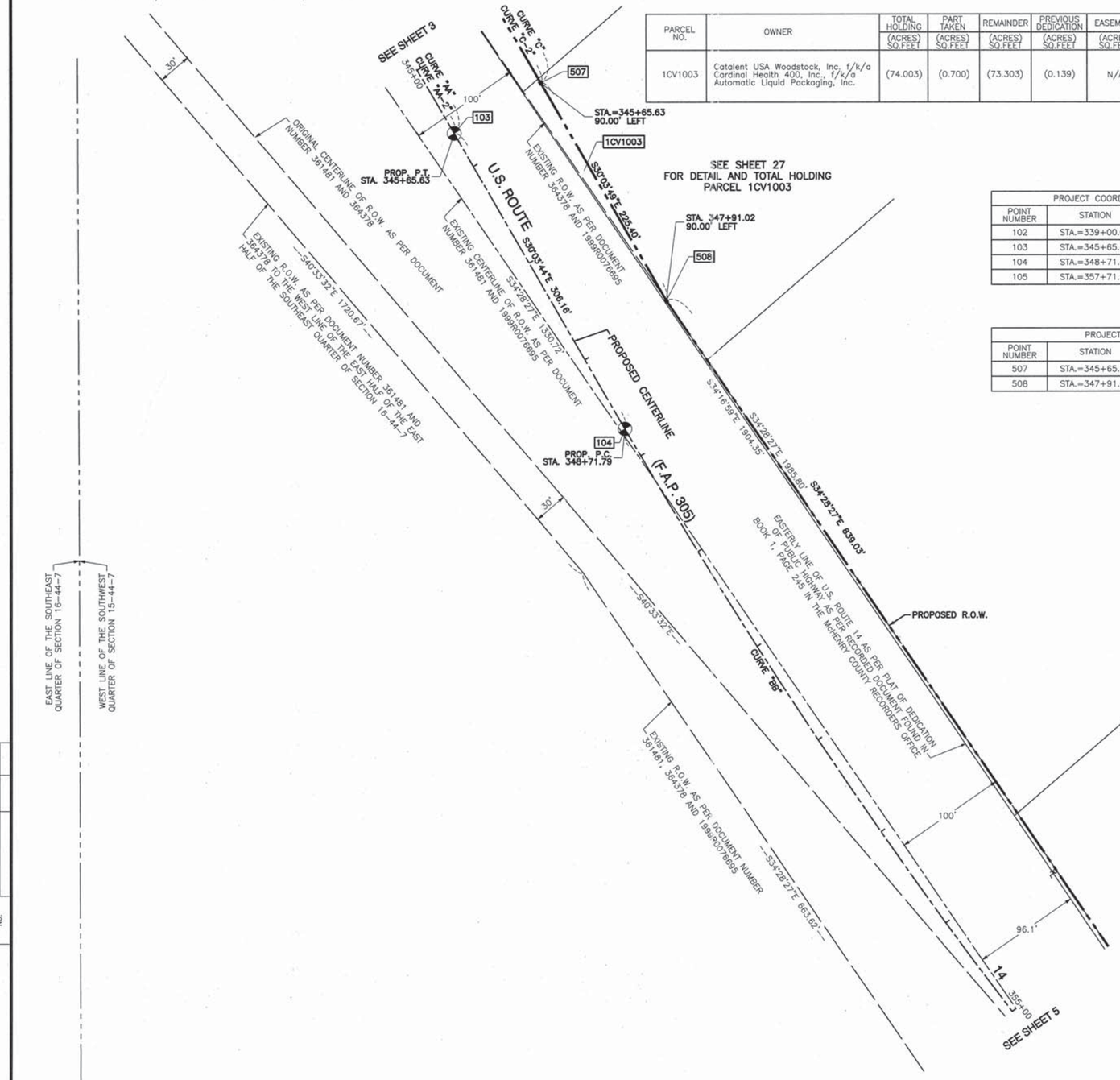
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

R.O.W. PLAT	BY	DATE
NOTEBOOK NO.		

ROUTE: U.S. ROUTE 14 (F.A.P. 305) COUNTY: McHENRY JOB NO.: R-91-015-98 RECORDED ON: AS DOCUMENT NO.

PART OF SECTION 15, TOWNSHIP 44 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN McHENRY COUNTY, ILLINOIS

PARCEL NO.	OWNER	TOTAL HOLDING (ACRES) SQ.FEET	PART TAKEN (ACRES) SQ.FEET	REMAINDER (ACRES) SQ.FEET	PREVIOUS DEDICATION (ACRES) SQ.FEET	EASEMENT (ACRES) SQ.FEET	EASEMENT PURPOSE	TAX NUMBER(S)	ACQUIRED BY
1CV1003	Catalent USA Woodstock, Inc. f/k/a Cardinal Health 400, Inc., f/k/a Automatic Liquid Packaging, Inc.	(74.003)	(0.700)	(73.303)	(0.139)	N/A	N/A	13-15-300-051 13-15-300-063 13-15-300-052 13-15-300-060 13-15-300-031 13-15-300-032 13-15-300-038 13-22-100-017 13-15-300-055 13-15-300-062	



PROJECT COORDINATES FOR PROPOSED CENTERLINE U.S. 14				
POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
102	STA.=339+00.00	0.00' RIGHT	2047558.7878	962484.8174
103	STA.=345+65.63	0.00' RIGHT	2047008.7899	962858.7025
104	STA.=348+71.79	0.00' RIGHT	2046743.8153	963012.0695
105	STA.=357+71.56	0.00' RIGHT	2046010.4963	963531.2895

PROJECT COORDINATES FOR PROPOSED R.O.W.				
POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
507	STA.=345+65.63	90.00' LEFT	2047053.8745	962936.5958
508	STA.=347+91.02	90.00' LEFT	2046858.7989	963049.5054

CURVE "AA"
Δ=21°55'29"
L=1760.22'
R.=4600.00'
CH.=1749.50'
CH. BRG.=N41°01'28"W

CURVE "AA-2"
Δ=08°17'27"
L=665.63'
R.=4600.00'
CH.=665.05'
CH. BRG.=N34°12'27"W

CURVE "BB"
Δ=10°28'32"
L=899.78'
R.=4921.25'
CH.=898.52'
CH. BRG.=S35°18'00"E

CURVE "C"
Δ=08°17'27"
L=678.65'
R.=4690.00'
CH.=678.06'
CH. BRG.=N34°12'27"W

CURVE "C-2"
Δ=03°38'10"
L=297.65'
R.=4690.00'
CH.=297.60'
CH. BRG.=S31°52'49"E

LEGEND

- SECTION CORNER (09 10 16 15)
- QUARTER SECTION CORNER (16 — 15)
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- 120.32' MEASURED DIMENSION
- 129.32'(Comp.) COMPUTED DIMENSION
- ( ) RECORD DATA
- EXISTING BUILDING

N

50' 0 50'
SCALE: 1"=50'

- ○ IRON PIPE OR ROD SET OR FOUND
- + CUT CROSS SET OR FOUND
- ⊠ CONCRETE R.O.W. MARKER FOUND
- ● 3/4" IRON PIPE SET OR FOUND
- ⊕ "MAG" NAIL SET OR FOUND
- ● 5/8" REBAR SET OR FOUND
- ◉ "P.K" NAIL SET OR FOUND
- ● T1 T2 T3 **THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.** SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ● BT1 BT2 BT3 **THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION.** BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ■ **STAKING OF PROPOSED RIGHT OF WAY.** SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- ■ M **STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.** BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ◓ PERMANENT SURVEY MARKER, I.D.O.T. STD 2135
- □ RIGHT OF WAY STAKING PROPOSED TO BE SET.

RANDELL E. GANN
035-003241
PROFESSIONAL LAND SURVEYOR
STATE OF ILLINOIS
SOUTH HOLLAND, ILLINOIS

STATE OF ILLINOIS)
) SS
COUNTY OF COOK)

THIS IS TO CERTIFY THAT I, RANDELL E. GANN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 15, TOWNSHIP 44 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, ILLINOIS, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT SOUTH HOLLAND, ILLINOIS THIS 22ND DAY OF OCTOBER, 2010 A.D.

Randell E. Gann
ILLINOIS REGISTERED LAND SURVEYOR NO. 035-003241
EXPIRATION DATE: NOVEMBER 30, 2012

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

55
RECEIVED
APR 05 2012
PLATS & LEGALS

Robinson ENGINEERING
17000 SOUTH PARK AVENUE
SOUTH HOLLAND, IL 60473
(708) 331-6700

COORDINATE SYSTEM DEFINITION:
North American Datum Of 1983 adjustment of 1986 (N.A.D. '83 (1986)) Illinois State Plane Eastern Zone estimated GROUND coordinates based upon found National Geodetic Survey monuments Lakeport (P.I.D. NH1653) and Shaw (P.I.D. NH1129)

The average project combined scale factor is 0.9999355.

BEARING REFERENCE DEFINITION:
North American Datum Of 1983 adjustment of 1986 (N.A.D. '83 (1986)) Illinois State Plane Eastern Zone based upon found National Geodetic Survey monuments Lakeport (P.I.D. NH1653) and Shaw (P.I.D. NH1129)

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14
WEST LAKE SHORE DRIVE TO DOLE AVENUE

SECTION		McHENRY COUNTY
PROJECT		JOB NO. R-91-015-98
STATION 345+00	TO	STATION 355+00
SCALE: 1"=50'		SHEET 04 OF 88

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

R.O.W. PLAT	NOTEBOOK NO.	BY	DATE

ROUTE: U.S. ROUTE 14 (F.A.P. 305) COUNTY: McHENRY JOB NO.: R-91-015-98 RECORDED ON: AS DOCUMENT NO.

PART OF SECTION 15 AND SECTION 22, TOWNSHIP 44 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN McHENRY COUNTY, ILLINOIS

PARCEL NO.	OWNER	TOTAL HOLDING (ACRES) SQ.FEET	PART TAKEN (ACRES) SQ.FEET	REMAINDER (ACRES) SQ.FEET	PREVIOUS DEDICATION (ACRES) SQ.FEET	EASEMENT (ACRES) SQ.FEET	EASEMENT PURPOSE	TAX NUMBER(S)	ACQUIRED BY
1CV1003	Catalent USA Woodstock, Inc. f/k/a Cardinal Health 400, Inc.; f/k/a Automatic Liquid Packaging, Inc.	(74.003)	(0.700)	(73.303)	(0.139)	N/A	N/A	13-15-300-051 13-15-300-063 13-15-300-052 13-15-300-060 13-15-300-031 13-15-300-032 13-15-300-038 13-22-100-017 13-15-300-055 13-15-300-062	
1CV1004	92131, LLC, a Florida limited liability company	(1.395)	(0.418)	(0.977)	(0.148)	N/A	N/A	13-22-100-002	
1CV1005 1CV1005TE	Charles Dixon and Charles Graber, Jr., as Trustees pursuant to the Gluth Bros. Construction, Inc. Creditor Trust Agreement Dated March 18, 2009	(0.915)	(0.179)	(0.736)	N/A	(0.034)	CONSTRUCTION	13-22-101-001	
1CV1006	Charles Dixon and Charles Graber, Jr., as Trustees pursuant to the Gluth Bros. Construction, Inc. Creditor Trust Agreement Dated March 18, 2009	(7.013)	(0.956)	(6.057)	N/A	N/A	N/A	13-22-102-001 13-22-102-003 13-22-102-002 13-22-102-004	
1CV1046	North Star Trust Company as successor to Harris, N.A., as successor to Harris Bank Barrington as Trustee under Trust Agreement dated September 1, 2000 known as Trust No. 11-5657	(2.002)	(0.193)	(1.809)	N/A	N/A	N/A	13-22-105-009	
1CV1047 1CV1047TE	Lot 6 Lake Shore Business Park Condominium	(1.614)	(0.107)	(1.507)	N/A	(0.007) 308	CONSTRUCTION	13-22-106-001 13-22-106-003 13-22-106-002	
1CV1053	North Star Trust Company as successor to Harris, N.A., as successor to Harris Bank Barrington as Trustee under Trust Agreement dated September 1, 2000 known as Trust No. 11-5657	(4.698)	(0.273)	(4.425)	N/A	N/A	N/A	13-22-126-007 13-22-126-003 13-22-126-008	

CURVE "D"
Δ=01°27'58"
L=123.50'
R=4826.25'
CH.=123.50'
CH. BRG.=S39°48'17"E

CURVE "E"
Δ=00°37'35"
L=54.62'
R=4996.25'
CH.=54.62'
CH. BRG.=S39°51'03"E

CURVE "F"
Δ=00°14'21"
L=20.92'
R=5011.25'
CH.=20.92'
CH. BRG.=S40°17'01"E

CURVE "G"
Δ=00°08'05"
L=11.74'
R=4996.25'
CH.=11.74'
CH. BRG.=S40°28'14"E

CURVE "BB"
Δ=10°28'32"
L=899.78'
R=4921.25'
CH.=898.52'
CH. BRG.=S35°18'00"E

CURVE "CC"
Δ=88°50'36"
L=391.72'
R=252.63'
CH.=353.64'
CH. BRG.=N04°57'04"E

LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- 120.32' MEASURED DIMENSION
- 129.32'(Comp.) COMPUTED DIMENSION
- ( ) RECORD DATA
- EXISTING BUILDING

SCALE: 1"=50'

- ○ IRON PIPE OR ROD SET OR FOUND
- + CUT CROSS SET OR FOUND
- ⊠ CONCRETE R.O.W. MARKER FOUND
- ◒ 3/4" IRON PIPE SET OR FOUND
- ⊕ "MAG" NAIL SET OR FOUND
- ● 5/8" REBAR SET OR FOUND
- ◉ "P.K" NAIL SET OR FOUND
- ● T1 T2 T3 **THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.** SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ● BT1 BT2 BT3 **THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION.** BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ■ **STAKING OF PROPOSED RIGHT OF WAY.** SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- ■ M **STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.** BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ◐ PERMANENT SURVEY MARKER, I.D.O.T. STD 2135
- □ RIGHT OF WAY STAKING PROPOSED TO BE SET.

PROPOSED R.O.W.
STA. 356+45.63 95.00' LEFT
509
SEE SHEET 4
355+00
U.S. ROUTE 14
CURVE "BB"
CURVE "D"
EASTERLY LINE OF U.S. ROUTE 14 AS PER PLAT OF DEDICATION OF PUBLIC HIGHWAY RECORDED AS DOCUMENT FOUND IN BOOK 1 PAGE 245 IN THE McHENRY COUNTY RECORDERS OFFICE
EXISTING R.O.W. AS PER DOCUMENT NUMBER 364378 AND 1999R0070695
S34°28'27"E 663.62'
STA. 356+95.50 0.00' RIGHT
S89°16'47"E 121.52' (121.54')
PROP. P.T. STA. 357+71.56
510
105
515
STA. 356+85.66 75.00' RIGHT
CURVE "E"
STA. 357+39.46 75.00' RIGHT
511
STA. 357+39.46 90.00' RIGHT
512
514
CURVE "F"
CURVE "G"
1CV1046
513
515
STA. 357+71.56 75.00' RIGHT
STA. 357+60.00 90.00' RIGHT
STA. 357+60.00 75.00' RIGHT
S40°32'16"E 474.37'
SEE SHEET 28 FOR DETAIL AND TOTAL HOLDING PARCEL 1CV1046
STA. 357+71.56 95.00' LEFT
516
SOUTH LINE OF THE SOUTHWEST QUARTER OF SECTION 15-44-7
NORTH LINE OF THE NORTHWEST QUARTER OF SECTION 22-44-7
S34°28'27"E 1985.80'
S34°16'59"E 1804.35'
PROPOSED R.O.W.
1CV1003
PROPOSED CENTERLINE (F.A.P. 305)
EXISTING R.O.W. AS PER DOCUMENT NUMBER 364378 AND 1999R0070695
EXISTING CENTERLINE
EXISTING R.O.W. AS PER DOCUMENT NUMBER 1999R0070695
S40°33'32"E 1969.80'
S40°33'32"E 802.69'
EAST LINE OF THE NORTHWEST QUARTER OF SECTION 22-44-7
WEST LINE OF THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER OF SECTION 22-44-7
75'
60'
95'
S40°32'16"E 2299.85'
STA. 361+92.26 0.01' LEFT
788.19'
62.61'
STA. 361+92.22 32.99' LEFT
1CV1046
SEE SHEET 28 FOR DETAIL AND TOTAL HOLDING PARCEL 1CV1046
PROPOSED R.O.W.
S40°32'16"E 421.60'
STA. 361+92.16 95.00' LEFT
517
S49°24'12"E 5.00'
518
STA. 361+92.16 90.00' LEFT
S40°32'16"E 202.56'
S40°32'16"E 332.97'
DETAIL "A" SCALE: NOT TO SCALE
STA. 362+45.93 75.00' RIGHT
STA. 362+45.92 59.91' RIGHT
1CV1047
SEE SHEET 29 FOR DETAIL AND TOTAL HOLDING PARCEL 1CV1047, 1CV1047TE
S40°32'16"E 256.63'
STA. 365+02.56 75.00' RIGHT
520
1CV1047
STA. 365+21.52 101.39' RIGHT
STA. 365+17.74 101.39' RIGHT
STA. 365+27.17(U.S. ROUTE 14) 59.81' RIGHT
STA. 44+61.28 (LAKE SHORE DRIVE) 32.97' LEFT
1CV1047TE
STA. 365+17.78 136.39' RIGHT
521
STA. 365+27.19 (U.S. ROUTE 14) 109.27' RIGHT
STA. 44+11.82 (LAKE SHORE DRIVE) 33.03' LEFT
STA. 365+27.20 (U.S. ROUTE 14) 136.38' RIGHT
STA. 43+84.71 (LAKE SHORE DRIVE) 33.06' LEFT
DETAIL "C" SCALE: NOT TO SCALE
SEE SHEET 27 FOR DETAIL AND TOTAL HOLDING PARCEL 1CV1003
SEE SHEET 25 FOR DETAIL AND TOTAL HOLDING PARCEL 1CV1004
SEE DETAIL "A"
PROPOSED R.O.W.
1CV1004
299.86' (300.00') 261.15'
202.56'
S40°32'16"E 332.97'
STA. 363+94.72 90.00' LEFT
STA. 361+92.16 30.14' LEFT
STA. 363+94.75 0.14' LEFT
SEE SHEET 30 FOR DETAIL AND TOTAL HOLDING PARCEL 1CV1005 AND 1CV1005TE
CURVE "CC"
270.00' (270.00')
S49°26'28"W 300.00' (300.00')
S40°33'32"E (S40°33'32"E)
1CV1005
1CV1005TE
SEE DETAIL "B"
LOT 5
LOT 4
LOT 3
LOT 2
LOT 1
ROLLING HILLS INDUSTRIAL SUBDIVISION UNIT 2
RECORDED AS DOC. NO. 96R046456
S89°44'12"W 904.64' (904.65')
SOUTH QUARTER CORNER OF SECTION 15-44-7 AS PER DOCUMENT NUMBER 2011R0007335
(40°20'00")
NORTHWESTERLY LINE OF PARCEL OF LAND DESCRIBED IN DOCUMENT NUMBER 409333
286.23' (286.23')
EAST LINE OF THE NORTHWEST QUARTER OF SECTION 22-44-7
227
PROP. P.T. STA. 51+84.01
N39°19'21"W 147.24'
PROP. P.T. STA. 50+36.78
226
S49°24'12"W 586.08'
318.34' (318.98')
S40°35'55"E 202.70' (202.50')
STA. 365+93.17 (U.S. ROUTE 14) 59.78' RIGHT
STA. 44+61.21 (LAKE SHORE DRIVE) 33.03' RIGHT
STA. 365+93.18 (U.S. ROUTE 14) 95.00' RIGHT
STA. 44+25.99 (LAKE SHORE DRIVE) 32.99' RIGHT
522
523
35.22'
N49°26'28"E
STA. 366+13.66 75.00' RIGHT
DETAIL "D" SCALE: NOT TO SCALE
EXISTING CENTERLINE
CURVE "CC"
DRIVE
SEE SHEET 30 FOR DETAIL AND TOTAL HOLDING PARCEL 1CV1006
STA. 364+75.53 120.00' LEFT
1CV1005TE
STA. 364+75.53 90.00' LEFT
519
STA. 365+25.12 (U.S. ROUTE 14) 120.00' LEFT
STA. 46+41.09 (LAKE SHORE DRIVE) 34.74' LEFT
STA. 365+25.13 (U.S. ROUTE 14) 90.00' LEFT
STA. 46+11.09 (LAKE SHORE DRIVE) 34.78' LEFT
DETAIL "B" SCALE: 1"=50'
S49°22'22"E 124.01'
PROP. P.C. STA. 46+45.05
STA. 365+95.13 100.00' LEFT
225
524
S40°32'16"E 704.67'
PROPOSED R.O.W.
1CV1006
S13°45'44"W 42.20'
521
1CV1047TE
SEE DETAIL "C"
S49°22'22"W 319.29'
LAKE SHORE DRIVE
S84°51'40"E 28.62'
522
523
N49°26'28"E 259.11'
SEE DETAIL "D"
S40°33'32"E 747.63'
1CV1053
SEE SHEET 28 FOR DETAIL AND TOTAL HOLDING PARCEL 1CV1053
PROP. P.O.T. STA. 365+60.05 (U.S. ROUTE 14) STA. 45+21.04 (LAKE SHORE DRIVE)
S40°33'32"E 638.89'
367.00'
SEE SHEET 6
107
PROP. P.O.T. STA. 367+00.00
STA. 365+95.15 (U.S. ROUTE 14) 30.22' LEFT
STA. 45+51.20 (LAKE SHORE DRIVE) 35.15' LEFT
14

PROJECT COORDINATES FOR PROPOSED R.O.W.				
POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
509	STA.=356+45.63	95.00' LEFT	2046167.1160	963524.4274
510	STA.=356+85.66	75.00' RIGHT	2046028.5220	963418.1878
511	STA.=357+39.46	75.00' RIGHT	2045986.5885	963453.1887
512	STA.=357+39.46	90.00' RIGHT	2045976.9138	963441.7257
513	STA.=357+60.00	90.00' RIGHT	2045960.9583	963455.2491
514	STA.=357+60.00	75.00' RIGHT	2045970.6807	963466.6717
515	STA.=357+71.56	75.00' RIGHT	2045961.7500	963474.2913
516	STA.=357+71.56	95.00' LEFT	2046072.2417	963603.4872
517	STA.=361+92.16	95.00' LEFT	2045752.5993	963876.8535
518	STA.=361+92.16	90.00' LEFT	2045749.3457	963873.0569
519	STA.=365+25.13	90.00' LEFT	2045496.2972	964089.4704
520	STA.=365+02.56	75.00' RIGHT	2045406.2099	963949.4032
521	STA.=365+27.19	109.27' RIGHT	2045365.2178	963939.3633
522	STA.=365+93.18	95.00' RIGHT	2045324.3405	963993.1034
523	STA.=366+13.66	75.00' RIGHT	2045321.7766	964021.6128
524	STA.=365+95.13	100.00' LEFT	2045449.6012	964142.5643

PROJECT COORDINATES FOR PROPOSED CENTERLINE U.S. 14				
POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
104	STA.=348+71.79	0.00' RIGHT	2046743.8153	963012.0695
105	STA.=357+71.56	0.00' RIGHT	2046010.4963	963531.2895
106	STA.=365+60.05	0.00' RIGHT	2045411.2667	964043.7659
107	STA.=367+00.00	0.00' RIGHT	2045304.9066	964134.7278

PROJECT COORDINATES FOR PROPOSED CENTERLINE LAKE SHORE DRIVE				
POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
106	STA.=45+21.04	0.00' RIGHT	2045411.2667	964043.7659
225	STA.=46+45.05	0.00' RIGHT	2045492.0150	964137.8863
226	STA.=50+36.78	0.00' RIGHT	2045844.3372	964168.4080
227	STA.=51+84.01	0.00' RIGHT	2045958.2656	964075.1395
228	STA.=42+01.75	0.00' RIGHT	2045203.3653	963801.4356
229	STA.=41+50.85	0.00' RIGHT	2045167.0832	963765.8196
230	STA.=40+00.00	0.00' RIGHT	2045050.9462	963669.5566
231	STA.=39+76.75	0.00' RIGHT	2045033.0442	963654.7181
232	STA.=38+35.96	0.00' RIGHT	2044955.2221	963539.6917
233	STA.=37+79.29	0.00' RIGHT	2044937.9686	963485.7074

DATE	BY		R.O.W. PLAT	NOTEBOOK NO.

STATE OF ILLINOIS } SS
COUNTY OF COOK }

THIS IS TO CERTIFY THAT I, RANDELL E. GANN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 15 AND SECTION 22, TOWNSHIP 44 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, ILLINOIS, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT SOUTH HOLLAND, ILLINOIS THIS 22ND DAY OF OCTOBER, 2010 A.D.

Randell E. Gann

ILLINOIS REGISTERED LAND SURVEYOR NO. 035-003241
EXPIRATION DATE: NOVEMBER 30, 2012

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

RANDELL E. GANN 035-003241 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS SOUTH HOLLAND, ILLINOIS

SS
RECEIVED
SEP 24 2012
PLATS & LEGALS

Robinson ENGINEERING
17000 SOUTH PARK AVENUE
SOUTH HOLLAND, IL 60473
(708) 331-6700

COORDINATE SYSTEM DEFINITION:
North American Datum Of 1983 adjustment of 1986 (N.A.D. '83 (1986)) Illinois State Plane Eastern Zone estimated GROUND coordinates based upon found National Geodetic Survey monuments Lakeport (P.I.D. NH1653) and Shaw (P.I.D. NH1129)

The average project combined scale factor is 0.9999355.

BEARING REFERENCE DEFINITION:
North American Datum Of 1983 adjustment of 1986 (N.A.D. '83 (1986)) Illinois State Plane Eastern Zone based upon found National Geodetic Survey monuments Lakeport (P.I.D. NH1653) and Shaw (P.I.D. NH1129)

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14
WEST LAKE SHORE DRIVE TO DOLE AVENUE

SECTION McHENRY COUNTY
PROJECT JOB NO. R-91-015-98
STATION 355+00 TO STATION 367+00
SCALE: 1"=50' SHEET 05 OF 88

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

ROUTE: U.S. ROUTE 14 (F.A.P. 305) COUNTY: McHENRY JOB NO.: R-91-015-98 RECORDED ON: AS DOCUMENT NO.

PART OF SECTION 22, TOWNSHIP 44 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN McHENRY COUNTY, ILLINOIS

CURVE "16"
Δ=05°59'11"
L.=894.85'
R.=8564.40'
CH.=894.44'
CH. BRG.=S43°33'08"E

CURVE "17"
Δ=05°59'11"
L.=897.98'
R.=8594.40'
CH.=897.57'
CH. BRG.=S43°33'08"E

CURVE "18"
Δ=05°59'11"
L.=901.12'
R.=8624.40'
CH.=900.71'
CH. BRG.=S43°33'08"E

CURVE "16-A"
Δ=05°59'11"
L.=887.53'
R.=8494.40'
CH.=887.13'
CH. BRG.=S43°33'08"E

ROLLING HILLS INDUSTRIAL SUBDIVISION UNIT 2
RECORDED AS DOC. NO. 96R046456

SEE SHEET 30
FOR DETAIL AND TOTAL HOLDING
PARCEL 1CV1006

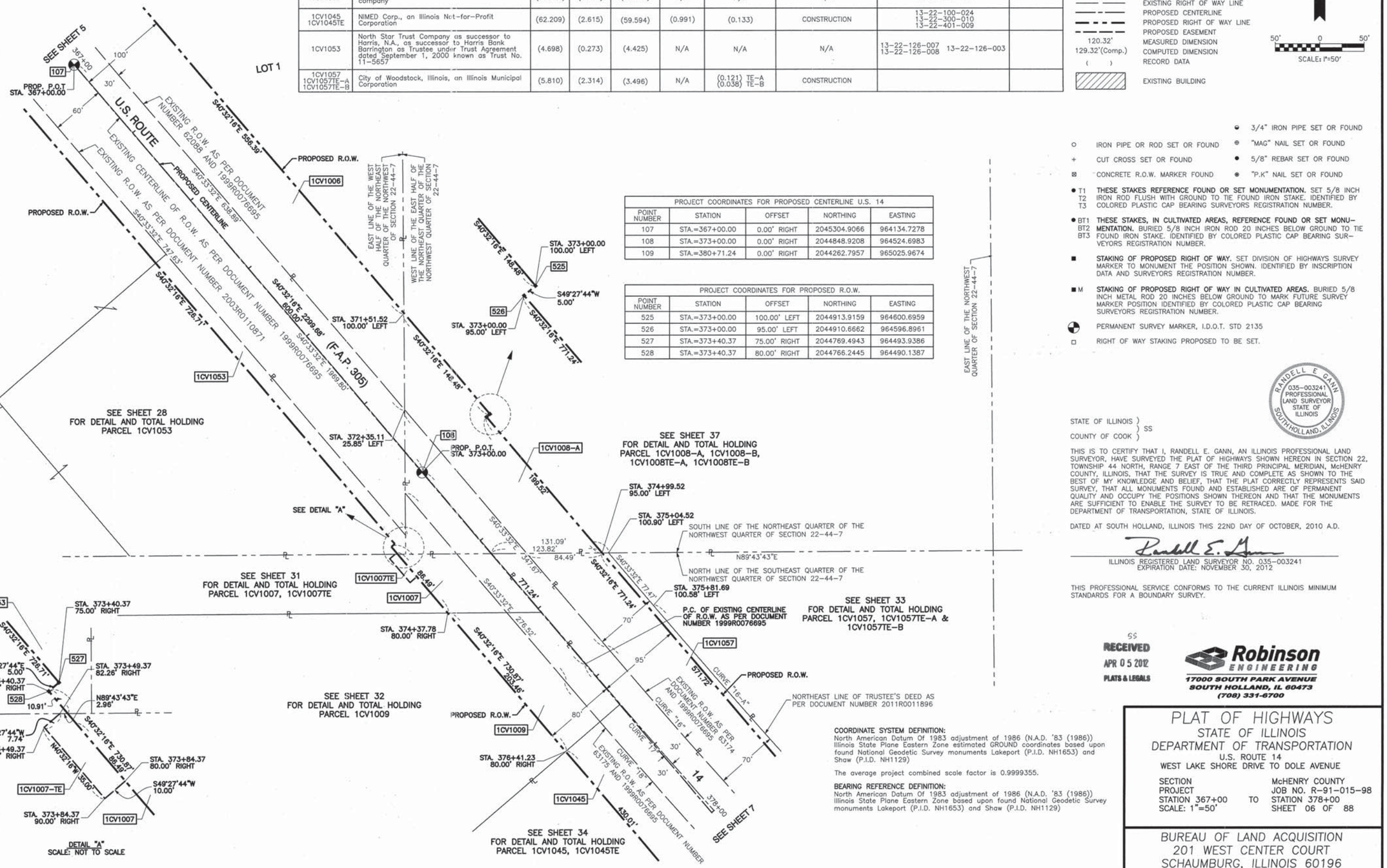
PARCEL NO.	OWNER	TOTAL HOLDING (ACRES) SQ.FEET	PART TAKEN (ACRES) SQ.FEET	REMAINDER (ACRES) SQ.FEET	PREVIOUS DEDICATION (ACRES) SQ.FEET	EASEMENT (ACRES) SQ.FEET	EASEMENT PURPOSE	TAX NUMBER(S)	ACQUIRED BY
1CV1006	Charles Dixon and Charles Graber, Jr., as Trustees pursuant to the Gluth Bros. Construction, Inc. Creditor Trust Agreement Dated March 18, 2009	(7.013)	(0.956)	(6.057)	N/A	N/A	N/A	13-22-102-001 13-22-102-003 13-22-102-002 13-22-102-004	
1CV1007	First American Bank, as Trustee under Trust Agreement dated June 1, 2000, known as Trust No. 1-00-111	(40.997)	(0.160)	(40.837)	(0.060)	(0.008) 348	CONSTRUCTION	13-22-100-004	
1CV1008-A 1CV1008-B 1CV1008TE-A 1CV1008TE-B	Lily Pond Stone, LLC, an Illinois limited liability company	(162.855)	(0.677) A (2.159) B	(160.019)	(0.206) A (0.669) B	(0.006) 256 TE-A (0.008) 350 TE-B	CONSTRUCTION	13-22-100-010 13-23-100-017 13-22-200-011 13-23-100-020 13-22-426-001 13-14-300-018 13-22-100-012	
1CV1009	Northern Illinois, LLC, an Illinois limited liability company	(10.566)	(0.313)	(10.253)	N/A	N/A	N/A	13-22-100-022	
1CV1045 1CV1045TE	NIMED Corp., an Illinois Not-for-Profit Corporation	(62.209)	(2.615)	(59.594)	(0.991)	(0.133)	CONSTRUCTION	13-22-100-024 13-22-300-010 13-22-401-009	
1CV1053	North Star Trust Company as successor to Harris, N.A., as successor to Harris Bank Barrington as Trustee under Trust Agreement dated September 1, 2000 known as Trust No. 11-5657	(4.698)	(0.273)	(4.425)	N/A	N/A	N/A	13-22-126-007 13-22-126-008 13-22-126-003	
1CV1057 1CV1057TE-A 1CV1057TE-B	City of Woodstock, Illinois, an Illinois Municipal Corporation	(5.810)	(2.314)	(3.496)	N/A	(0.121) TE-A (0.038) TE-B	CONSTRUCTION		

LEGEND

- SECTION CORNER (09 10 / 16 15)
- QUARTER SECTION CORNER (16 — 15)
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE (R.)
- APPARENT PROPERTY LINE (APL)
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION (120.32')
- COMPUTED DIMENSION (129.32'(Comp.))
- RECORD DATA ( )
- EXISTING BUILDING

N

SCALE: 1"=50'



PROJECT COORDINATES FOR PROPOSED CENTERLINE U.S. 14				
POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
107	STA.=367+00.00	0.00' RIGHT	2045304.9066	964134.7278
108	STA.=373+00.00	0.00' RIGHT	2044848.9208	964524.6983
109	STA.=380+71.24	0.00' RIGHT	2044262.7957	965025.9674

PROJECT COORDINATES FOR PROPOSED R.O.W.				
POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
525	STA.=373+00.00	100.00' LEFT	2044913.9159	964600.6959
526	STA.=373+00.00	95.00' LEFT	2044910.6662	964596.8961
527	STA.=373+40.37	75.00' RIGHT	2044769.4943	964493.9386
528	STA.=373+40.37	80.00' RIGHT	2044766.2445	964490.1387

- ○ IRON PIPE OR ROD SET OR FOUND
- \+ CUT CROSS SET OR FOUND
- ⊠ CONCRETE R.O.W. MARKER FOUND
- ◒ 3/4" IRON PIPE SET OR FOUND
- ⊕ "MAG" NAIL SET OR FOUND
- ● 5/8" REBAR SET OR FOUND
- ◉ "P.K" NAIL SET OR FOUND
- ● T1 T2 T3 **THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.** SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ● BT1 BT2 BT3 **THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION.** BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ■ **STAKING OF PROPOSED RIGHT OF WAY.** SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- ■ M **STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.** BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ◔ PERMANENT SURVEY MARKER, I.D.O.T. STD 2135
- □ RIGHT OF WAY STAKING PROPOSED TO BE SET.

RANDELL E. GANN
035-003241
PROFESSIONAL LAND SURVEYOR
STATE OF ILLINOIS
SOUTH HOLLAND, ILLINOIS

STATE OF ILLINOIS)
) SS
COUNTY OF COOK)

THIS IS TO CERTIFY THAT I, RANDELL E. GANN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 22, TOWNSHIP 44 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, ILLINOIS, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT SOUTH HOLLAND, ILLINOIS THIS 22ND DAY OF OCTOBER, 2010 A.D.

Randell E. Gann
ILLINOIS REGISTERED LAND SURVEYOR NO. 035-003241
EXPIRATION DATE: NOVEMBER 30, 2012

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

SS
RECEIVED
APR 05 2012
PLATS & LEGALS

Robinson ENGINEERING
17000 SOUTH PARK AVENUE
SOUTH HOLLAND, IL 60473
(708) 331-6700

COORDINATE SYSTEM DEFINITION:
North American Datum Of 1983 adjustment of 1986 (N.A.D. '83 (1986)) Illinois State Plane Eastern Zone estimated GROUND coordinates based upon found National Geodetic Survey monuments Lakeport (P.I.D. NH1653) and Shaw (P.I.D. NH1129)

The average project combined scale factor is 0.9999355.

BEARING REFERENCE DEFINITION:
North American Datum Of 1983 adjustment of 1986 (N.A.D. '83 (1986)) Illinois State Plane Eastern Zone based upon found National Geodetic Survey monuments Lakeport (P.I.D. NH1653) and Shaw (P.I.D. NH1129)

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14
WEST LAKE SHORE DRIVE TO DOLE AVENUE

SECTION		McHENRY COUNTY
PROJECT		JOB NO. R-91-015-98
STATION 367+00	TO	STATION 378+00
SCALE: 1"=50'		SHEET 06 OF 88

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

DATE	BY	R.O.W. PLAT	NOTEBOOK NO.

ROUTE: U.S. ROUTE 14 (F.A.P. 305) COUNTY: McHENRY JOB NO.: R-91-015-98 RECORDED ON: AS DOCUMENT NO.

PART OF SECTION 22, TOWNSHIP 44 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN McHENRY COUNTY, ILLINOIS

PARCEL NO.	OWNER	TOTAL HOLDING (ACRES) SQ.FEET	PART TAKEN (ACRES) SQ.FEET	REMAINDER (ACRES) SQ.FEET	PREVIOUS DEDICATION (ACRES) SQ.FEET	EASEMENT (ACRES) SQ.FEET	EASEMENT PURPOSE	TAX NUMBER(S)	ACQUIRED BY
1CV1045 1CV1045TE	NIMED Corp., an Illinois Not-for-Profit Corporation	(62.209)	(2.615)	(59.594)	(0.991)	(0.133)	CONSTRUCTION	13-22-100-024 13-22-300-010 13-22-401-009	
1CV1049 1CV1049TE--A 1CV1049TE--B	Memorial Medical Center - Woodstock, a Illinois Not-for-Profit Corporation	(22.990)	(1.247)	(21.743)	(0.412)	(0.211) TE-A (0.169) TE-B	CONSTRUCTION	13-22-401-010 13-22-401-004 13-22-401-011 13-22-401-012	
1CV1057 1CV1057TE--A 1CV1057TE--B	City of Woodstock, Illinois, an Illinois Municipal Corporation	(5.810)	(2.314)	(3.496)	N/A	(0.121) TE-A (0.038) TE-B	CONSTRUCTION		

LEGEND

- SECTION CORNER (09 10 / 16 15)
- QUARTER SECTION CORNER (16 — 15)
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- R — PROPERTY (DEED) LINE
- APL — APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- 120.32' MEASURED DIMENSION
- 129.32'(Comp.) COMPUTED DIMENSION
- ( ) RECORD DATA
- EXISTING BUILDING

N

50' 0 50'
SCALE: 1"=50'

- ○ IRON PIPE OR ROD SET OR FOUND
- + CUT CROSS SET OR FOUND
- ⊠ CONCRETE R.O.W. MARKER FOUND
- ◒ 3/4" IRON PIPE SET OR FOUND
- ⊕ "MAG" NAIL SET OR FOUND
- ● 5/8" REBAR SET OR FOUND
- ◉ "P.K" NAIL SET OR FOUND
- ● T1, T2, T3 **THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.** SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ● BT1, BT2, BT3 **THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION.** BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ■ **STAKING OF PROPOSED RIGHT OF WAY.** SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- ■ M **STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.** BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ◒ PERMANENT SURVEY MARKER, I.D.O.T. STD 2135
- □ RIGHT OF WAY STAKING PROPOSED TO BE SET.

PROJECT COORDINATES FOR PROPOSED R.O.W.				
POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
529	STA.=380+71.24	95.00' LEFT	2044324.5410	965098.1652
530	STA.=380+71.24	80.00' RIGHT	2044210.7996	964965.1693
531	STA.=381+30.19	95.00' LEFT	2044282.5901	965135.2001
532	STA.=381+58.47	70.00' LEFT	2044245.7678	965135.2079
533	STA.=382+00.00	80.00' RIGHT	2044111.8461	965055.8599
534	STA.=382+00.00	70.00' RIGHT	2044118.8518	965062.9958
537	STA.=390+00.00	70.00' LEFT	2043797.2608	965801.6773
538	STA.=390+00.00	80.00' LEFT	2043806.5916	965805.2743

PROJECT COORDINATES FOR PROPOSED CENTERLINE U.S. 14				
POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
108	STA.=373+00.00	0.00' RIGHT	2044848.9208	964524.6983
109	STA.=380+71.24	0.00' RIGHT	2044262.7957	965025.9674
110	STA.=390+00.00	0.00' RIGHT	2043731.9459	965776.4988
111	STA.=393+14.67	0.00' RIGHT	2043643.8705	966078.2120

CURVE "16"
Δ=05°59'11"
L.=894.85'
R.=8564.40'
CH.=894.44'
CH. BRG.=S43°33'08"E

CURVE "17"
Δ=05°59'11"
L.=897.98'
R.=8594.40'
CH.=897.57'
CH. BRG.=S43°33'08"E

CURVE "18"
Δ=05°59'11"
L.=901.12'
R.=8624.40'
CH.=900.71'
CH. BRG.=S43°33'08"E

CURVE "19"
Δ=30°48'44"
L.=529.44'
R.=984.50'
CH.=523.08'
CH. BRG.=S61°57'05"E

CURVE "20"
Δ=30°48'44"
L.=545.57'
R.=1014.50'
CH.=539.02'
CH. BRG.=S61°57'05"E

CURVE "21"
Δ=30°48'44"
L.=561.70'
R.=1044.50'
CH.=554.96'
CH. BRG.=S61°57'05"E

CURVE "16-B"
Δ=30°48'44"
L.=491.79'
R.=914.50'
CH.=485.89'
CH. BRG.=S61°57'05"E

CURVE "FF"
Δ=37°59'47"
L.=1243.43'
R.=1875.00'
CH.=1220.77'
CH. BRG.=S59°32'10"E

CURVE "FF-1"
Δ=28°22'51"
L.=928.76'
R.=1875.00'
CH.=919.29'
CH. BRG.=S54°43'42"E

CURVE "FF-2"
Δ=09°36'57"
L.=314.67'
R.=1875.00'
CH.=314.31'
CH. BRG.=S73°43'36"E

CURVE "H"
Δ=03°56'04"
L.=134.25'
R.=1955.00'
CH.=134.23'
CH. BRG.=S42°30'19"E

CURVE "J"
Δ=34°03'43"
L.=1156.29'
R.=1945.00'
CH.=1139.34'
CH. BRG.=S61°30'12"E

CURVE "J-1"
Δ=18°56'25"
L.=642.96'
R.=1945.00'
CH.=640.04'
CH. BRG.=S53°56'33"E

CURVE "J-2"
Δ=27°19'09"
L.=927.40'
R.=1945.00'
CH.=918.64'
CH. BRG.=S58°07'56"E

CURVE "J-3"
Δ=08°22'44"
L.=284.44'
R.=1945.00'
CH.=284.18'
CH. BRG.=S67°36'08"E

CURVE "K"
Δ=25°42'55"
L.=810.11'
R.=1805.00'
CH.=803.33'
CH. BRG.=S56°03'40"E

CURVE "L"
Δ=16°53'21"
L.=529.11'
R.=1795.00'
CH.=527.20'
CH. BRG.=S51°18'25"E

CURVE "M"
Δ=07°14'26"
L.=248.32'
R.=1965.00'
CH.=248.16'
CH. BRG.=N68°21'15"W

CURVE "P"
Δ=06°33'36"
L.=223.83'
R.=1955.00'
CH.=223.71'
CH. BRG.=S75°15'16"E

CURVE "N"
Δ=09°37'57"
L.=301.25'
R.=1795.00'
CH.=300.90'
CH. BRG.=S73°43'36"E

CURVE "Q"
Δ=01°48'05"
L.=55.96'
R.=1780.00'
CH.=55.96'
CH. BRG.=S41°26'19"E

CURVE "K-1"
Δ=16°32'53"
L.=521.31'
R.=1805.00'
CH.=519.50'
CH. BRG.=S51°28'39"E

COORDINATE SYSTEM DEFINITION:
North American Datum Of 1983 adjustment of 1986 (N.A.D. '83 (1986)) Illinois State Plane Eastern Zone estimated GROUND coordinates based upon found National Geodetic Survey monuments Lakeport (P.I.D. NH1653) and Shaw (P.I.D. NH1129)

The average project combined scale factor is 0.9999355.

BEARING REFERENCE DEFINITION:
North American Datum Of 1983 adjustment of 1986 (N.A.D. '83 (1986)) Illinois State Plane Eastern Zone based upon found National Geodetic Survey monuments Lakeport (P.I.D. NH1653) and Shaw (P.I.D. NH1129)

SEE SHEET 33
FOR DETAIL AND TOTAL HOLDING
PARCEL 1CV1057

SEE SHEET 34
FOR DETAIL AND TOTAL HOLDING
PARCEL 1CV1045, 1CV1045TE

SEE SHEET 38
FOR DETAIL AND TOTAL HOLDING
PARCEL 1CV1049, 1CV1049TE-A,
1CV1049TE-B

SEE SHEET 8

STATE OF ILLINOIS } SS
COUNTY OF COOK }

THIS IS TO CERTIFY THAT I, RANDELL E. GANN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 22, TOWNSHIP 44 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, ILLINOIS, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT SOUTH HOLLAND, ILLINOIS THIS 22ND DAY OF OCTOBER, 2010 A.D.

RANDELL E. GANN 035-003241 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS SOUTH HOLLAND, ILLINOIS

ILLINOIS REGISTERED LAND SURVEYOR NO. 035-003241
EXPIRATION DATE: NOVEMBER 30, 2012

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

55
RECEIVED
APR 05 2012
PLATS & LEGALS

Robinson ENGINEERING
17000 SOUTH PARK AVENUE
SOUTH HOLLAND, IL 60473
(708) 331-6700

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14
WEST LAKE SHORE DRIVE TO DOLE AVENUE

SECTION			McHENRY COUNTY
PROJECT			JOB NO. R-91-015-98
STATION 378+00	TO	STATION 392+00	
SCALE: 1"=50'			SHEET 07 OF 88

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

DATE	BY	R.O.W. PLAT	NOTEBOOK NO.

ROUTE: U.S. ROUTE 14 (F.A.P. 305) COUNTY: McHENRY JOB NO.: R-91-015-98 RECORDED ON: AS DOCUMENT NO.