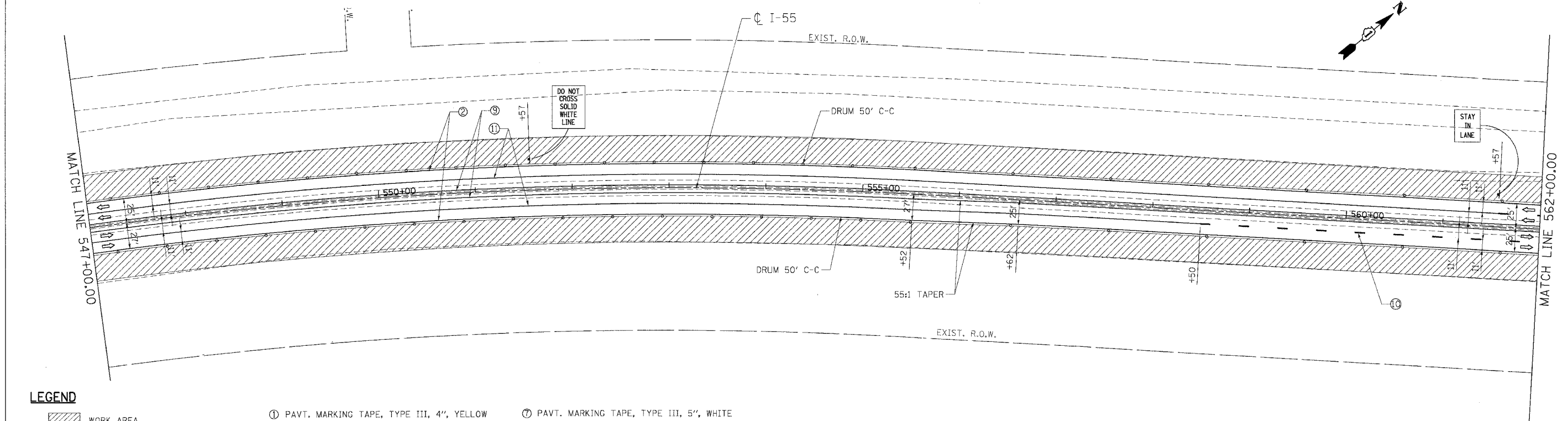
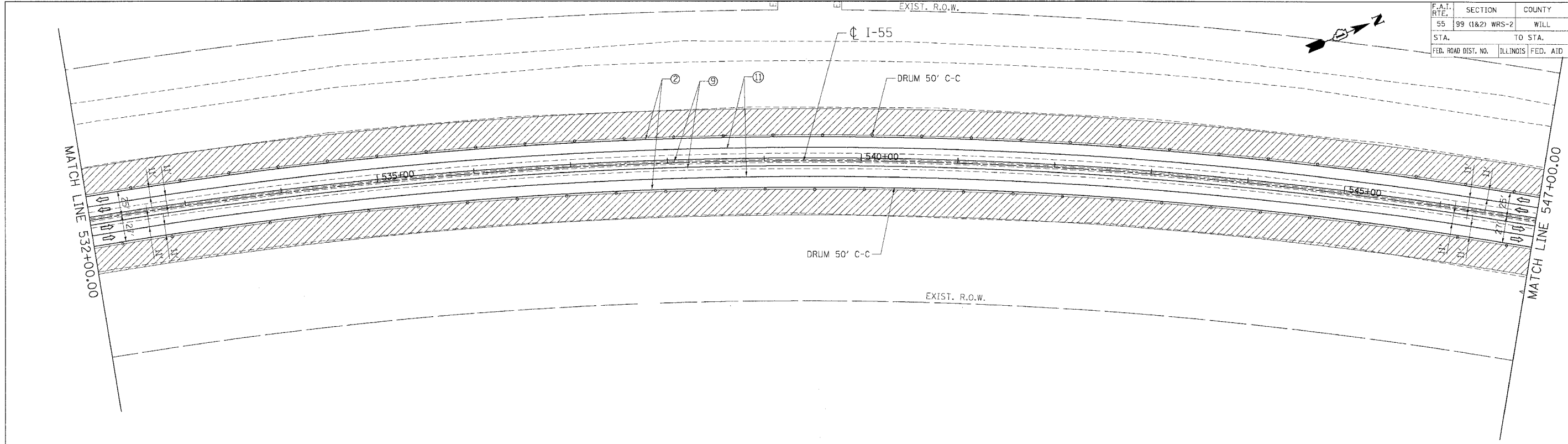


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	101
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



LEGEND

- WORK AREA
- DRUMS W/ MONO-DIRECTIONAL STEADY BURN LIGHT
- VERTICAL PANEL
- TEMPORARY CONC. BARRIER
- TRAFFIC FLOW
- BARRICADE, TYPE III WITH TWO FLASHING LIGHTS
- ① PAVT. MARKING TAPE, TYPE III, 4", YELLOW
- ② PAVT. MARKING TAPE, TYPE III, 4", WHITE
- ③ PAVT. MARKING TAPE, TYPE III, 5", WHITE (10' DASH 30' SKIP)
- ④ PAVT. MARKING TAPE, TYPE III, 4", WHITE (2' DASH 6' SKIP)
- ⑤ PAVT. MARKING TAPE, TYPE III, 8", WHITE
- ⑥ PAVT. MARKING TAPE, TYPE III, 12", WHITE
- ⑦ PAVT. MARKING TAPE, TYPE III, 5", WHITE
- ⑧ EPOXY PAVT. MARKING LINE 4", WHITE
- ⑨ EPOXY PAVT. MARKING LINE 4", YELLOW
- ⑩ EPOXY PAVT. MARKING LINE 5", WHITE (10" DASH 30' SKIP)
- ⑪ EPOXY PAVT. MARKING LINE 5", WHITE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
 WIDENING AND RESURFACING

**STAGING AND TRAFFIC CONTROL
 FAI 55 - STAGE II
 STA. 532+00.00 TO STA. 562+00.00**

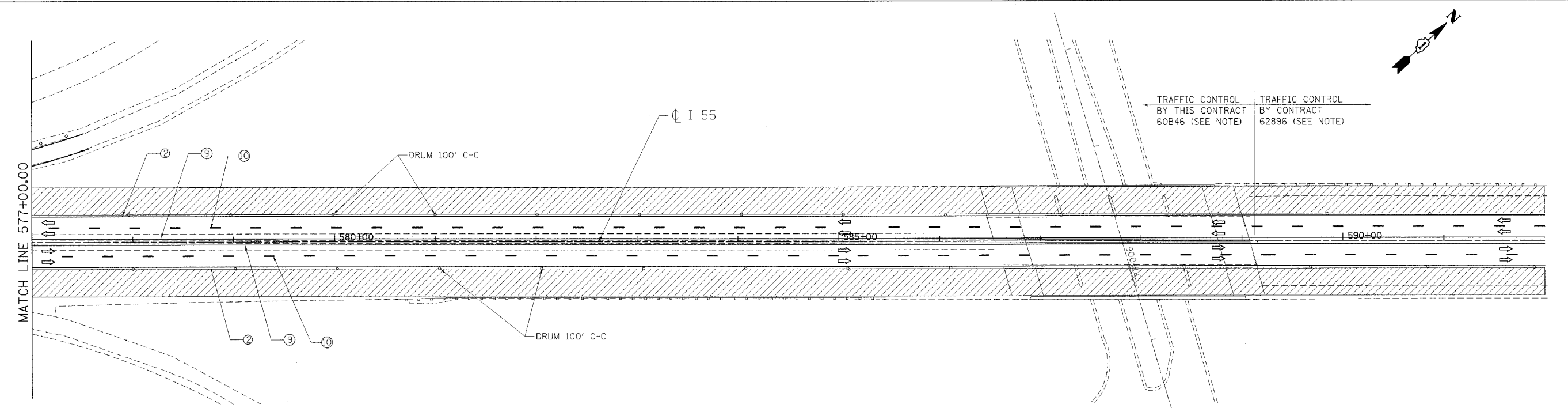
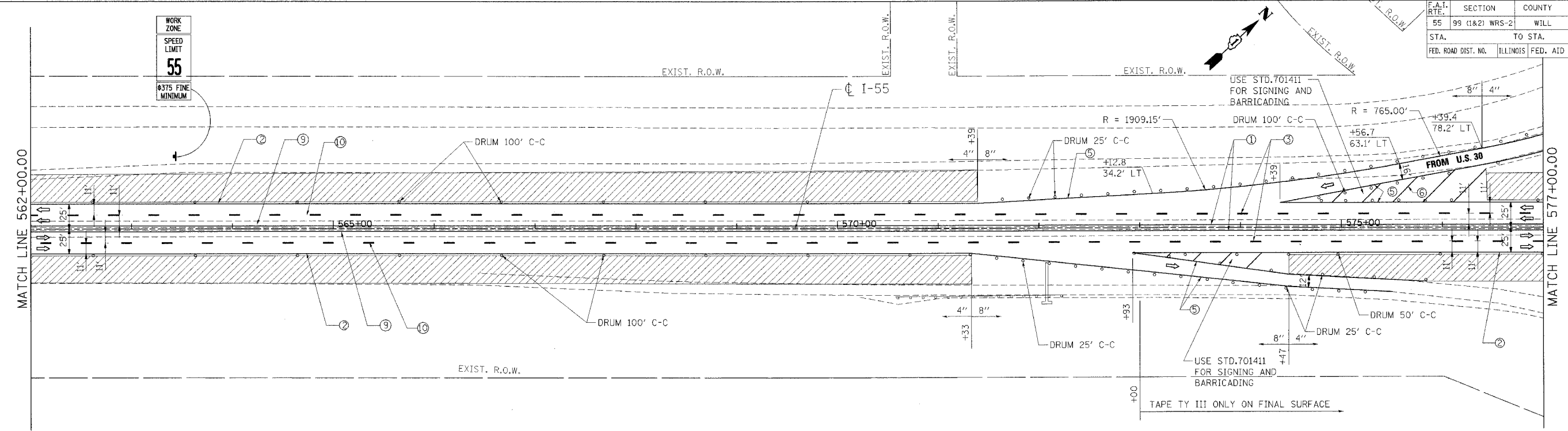
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 DATE 03/15/07
 DRAWN BY AG
 CHECKED BY DDH

TENG
 TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

PLOT DATE: 3/15/07 12:18:47
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	102
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		

WORK ZONE
SPEED LIMIT
55
\$375 FINE MINIMUM



LEGEND

- WORK AREA
- DRUMS W/ MONO-DIRECTIONAL STEADY BURN LIGHT
- VERTICAL PANEL
- TEMPORARY CONC. BARRIER
- TRAFFIC FLOW
- BARRICADE, TYPE III WITH TWO FLASHING LIGHTS
- ① PAVT. MARKING TAPE, TYPE III, 4", YELLOW
- ② PAVT. MARKING TAPE, TYPE III, 4", WHITE
- ③ PAVT. MARKING TAPE, TYPE III, 5", WHITE (10' DASH 30' SKIP)
- ④ PAVT. MARKING TAPE, TYPE III, 4", WHITE (2' DASH 6' SKIP)
- ⑤ PAVT. MARKING TAPE, TYPE III, 8", WHITE
- ⑥ PAVT. MARKING TAPE, TYPE III, 12", WHITE
- ⑦ PAVT. MARKING TAPE, TYPE III, 5", WHITE
- ⑧ EPOXY PAVT. MARKING LINE 4", WHITE
- ⑨ EPOXY PAVT. MARKING LINE 4", YELLOW
- ⑩ EPOXY PAVT. MARKING LINE 5", WHITE (10" DASH 30' SKIP)
- ⑪ EPOXY PAVT. MARKING LINE 5", WHITE

NOTE:

THE STAGING AND TRAFFIC CONTROL FOR THIS STAGE SHOWN ON THE PLANS NEAR THE PROJECT LIMIT WITH CONTRACT 62896 IS BASED ON THAT CONTRACT BEING IN STAGE II AT THE SAME TIME AS THIS CONTRACT. ADJUSTMENTS TO THE STAGING AND TRAFFIC CONTROL SHOWN MAY BE REQUIRED. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION STAGING AND TRAFFIC CONTROL WORK WITH ADJOINING OR OVERLAPPING CONTRACTS, INCLUDING DRUM AND/OR BARRICADE PLACEMENT NECESSARY TO PROVIDE A UNIFORM TRAFFIC PATTERN IN ACCORDANCE WITH THE STANDARDS AND DETAILS IN THE PLANS AND AS DIRECTED BY THE ENGINEER. THE COST OF ANY ADDITIONAL TRAFFIC CONTROL AND/OR TEMPORARY CONSTRUCTION ITEMS REQUIRED FOR SUCH COORDINATION WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)."

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
WIDENING AND RESURFACING

**STAGING AND TRAFFIC CONTROL
FAI 55 - STAGE II
STA. 562+00.00 TO STA. 592+00.00**

SCALE: 1"=50'
DATE 03/15/07
DRAWN BY AG
CHECKED BY DDH

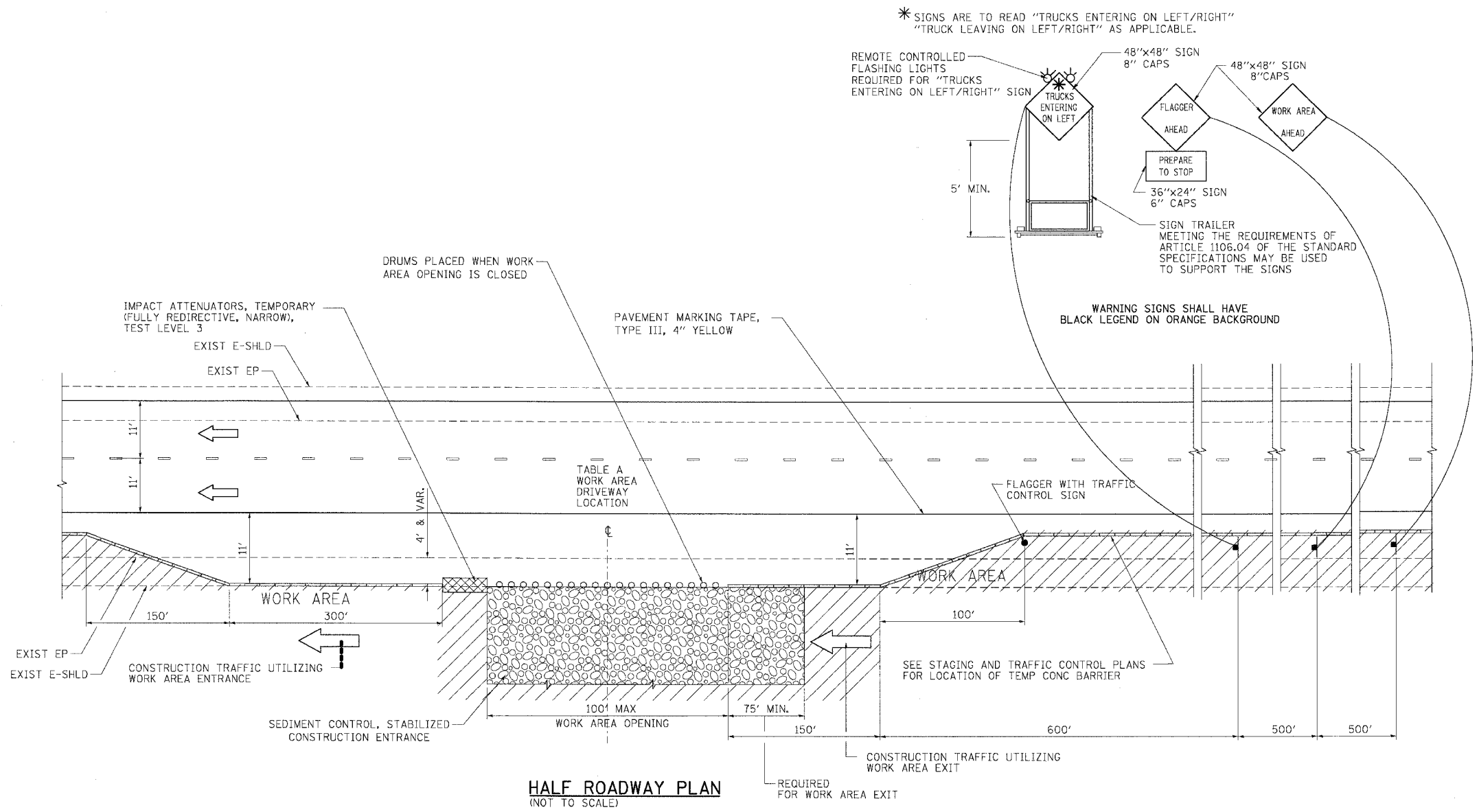
TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

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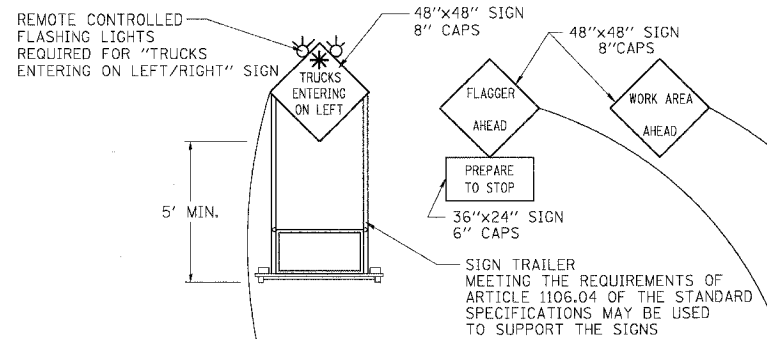
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) WRS-2	WILL	228	103
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SUGGESTED SOUTH BOUND STATION	SUGGESTED NORTH BOUND STATION
STA 412+00	STA 415+00
STA 465+00	STA 487+00
STA 523+00	STA 545+00



* SIGNS ARE TO READ "TRUCKS ENTERING ON LEFT/RIGHT"
"TRUCK LEAVING ON LEFT/RIGHT" AS APPLICABLE.



WARNING SIGNS SHALL HAVE
BLACK LEGEND ON ORANGE BACKGROUND

HALF ROADWAY PLAN
(NOT TO SCALE)

NOTES

1. THE "FLAGGER AHEAD" AND "TRUCKS ENTERING OR TRUCKS LEAVING ON LEFT/RIGHT" SIGNS SHALL BE COVERED OR TURNED AWAY FROM TRAFFIC WHEN THE FLAGGING OPERATION CEASES.
2. THE FLASHING LIGHTS SHALL MEET THE REQUIREMENTS OF ARTICLE 702.05(c) AND BE OPERATED BY THE FLAGGER REMOTELY. THE LIGHTS SHALL BE FLASHING ONLY WHEN A VEHICLE IS ENTERING THE EXPRESSWAY.
3. WORK AREA EXIT OPENINGS SHALL BE LOCATED A MINIMUM OF ONE HALF MILE APART. WORK AREA EXIT OPENINGS AND WORK AREA ENTRANCE OPENINGS SHALL BE LOCATED A MINIMUM OF 2,300' APART. WORK AREA OPENINGS MAY BE LOCATED A MINIMUM OF 3,200' BEFORE EMERGENCY PULLOUT LOCATIONS (BASED ON THE DIRECTION OF TRAFFIC) AND A MINIMUM OF 2,100' AFTER EMERGENCY PULLOUT LOCATIONS (BASED ON THE DIRECTION OF TRAFFIC). WORK AREA OPENINGS INTO THE MEDIAN FROM BOTH DIRECTIONS OF TRAFFIC SHALL NOT BE PLACED DIRECTLY ACROSS FROM EACH OTHER. WORK AREA OPENINGS INSTALLED DURING STAGE I CONSTRUCTION MAY BE LOCATED AS SHOWN IN TABLE A. THE WORK AREA OPENING LOCATIONS SHALL BE APPROVED BY THE ENGINEER.
4. ALL CONSTRUCTION VEHICLES SHALL EXIT THE WORK AREA AT A WORK AREA OPENING.
5. ALL CONSTRUCTION VEHICLES SHALL ENTER THE WORK AREA AT A WORK AREA ENTRANCE OPENING AND SHALL USE THEIR TURN SIGNALS TO WARN MOTORISTS.
6. THE CONTRACTOR SHALL PLACE DRUMS WITH STEADY BURNING MONODIRECTIONAL LIGHTS, SPACED AT 10' CENTERS, ACROSS THE WORK AREA OPENING WHEN THE WORK AREA OPENING IS CLOSED. THE COSTS OF INSTALLING, MAINTAINING AND REMOVING THESE DRUMS AND SIGNS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR "TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)".
7. WORK AREA OPENINGS SHALL NOT BE SIMULTANEOUSLY USED AS A WORK AREA ENTRANCE AND A WORK AREA EXIT.
8. THE CONTRACTOR SHALL CLOSE THE WORK AREA OPENING WHEN REVISING THE SIGNING FROM AN ENTRANCE TO AN EXIT AND FROM AN EXIT TO AN ENTRANCE.
9. A FLAGGER IS REQUIRED AT ALL TIMES UNLESS THE WORK AREA OPENING IS CLOSED. THE COST OF THE FLAGGER WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR "TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)".
10. SEE STAGING AND TRAFFIC CONTROL DETAIL FOR EMERGENCY PULLOUT AND EROSION AND SEDIMENT CONTROL DETAIL FOR STABILIZED CONSTRUCTION ENTRANCE.

LEGEND:

- FLAGGER WITH TRAFFIC CONTROL SIGN
- ← DIRECTION OF TRAFFIC
- ⊥ SIGN ON SUPPORT
- DRUM W/ MONODIRECTIONAL STEADY BURN LIGHT
- TBT = TRAFFIC BARRIER TERMINAL
- TCB = TEMPORARY CONCRETE BARRIER
- ▨ WORK AREA
- ▩ IMPACT ATTENUATOR

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
WIDENING AND RESURFACING

**STAGING AND TRAFFIC CONTROL
DETAIL FOR WORK AREA
ENTRANCE/EXIT**

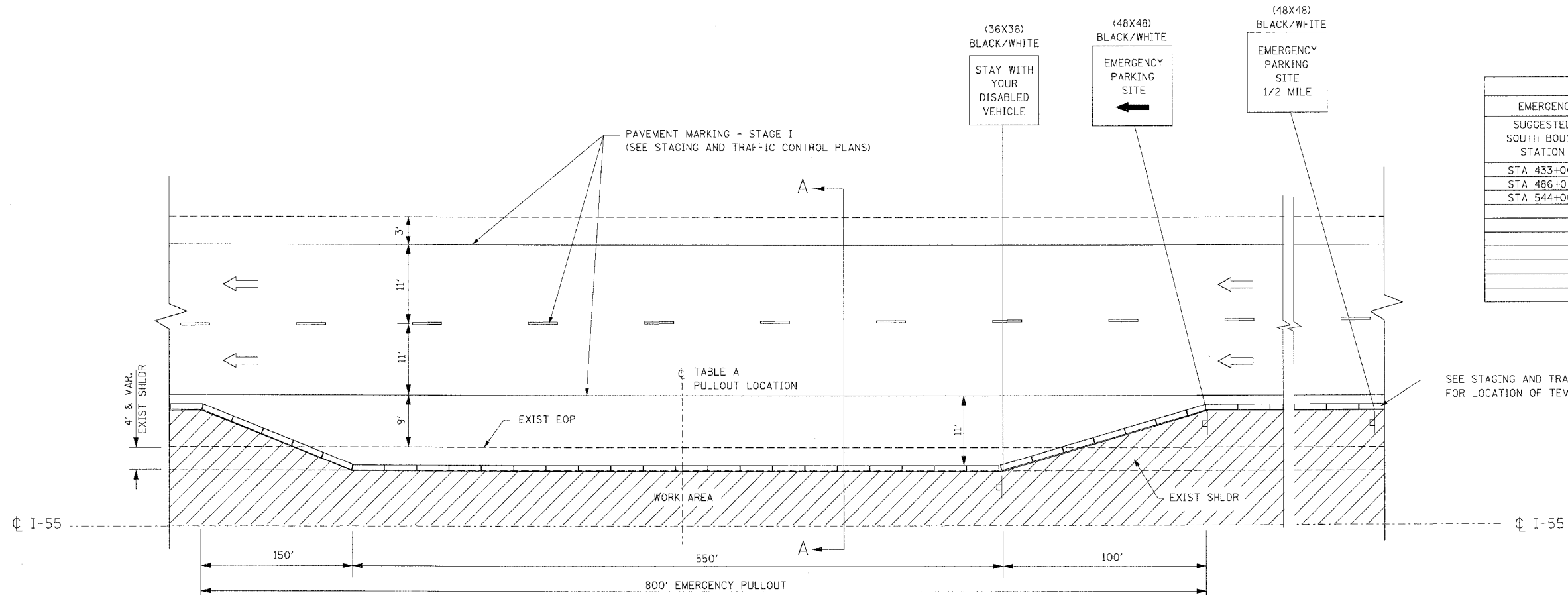
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DATE: 02/23/07 CHECKED BY: DDH

TENG TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	104
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

SUGGESTED SOUTH BOUND STATION	SUGGESTED NORTH BOUND STATION
STA 433+00	STA 454+00
STA 486+00	STA 522+00
STA 544+00	



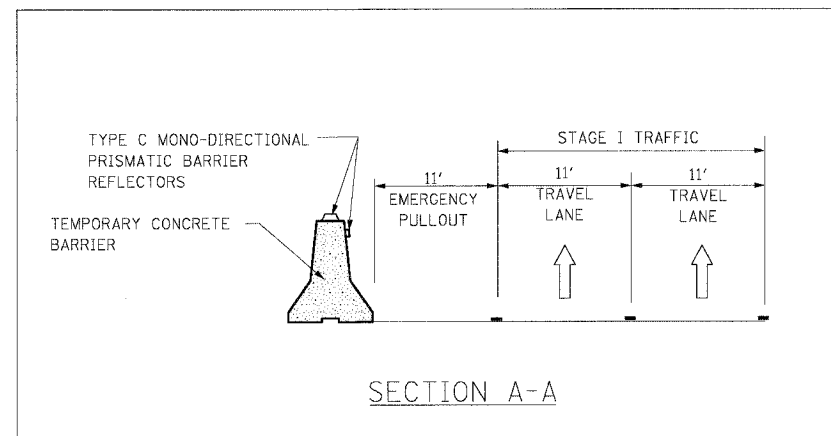
**EMERGENCY PULL OUT
HALF ROADWAY PLAN
STAGE I**

NOTES:

- EMERGENCY PULLOUTS INSTALLED DURING STAGE I CONSTRUCTION SHALL BE LOCATED AS SPECIFIED IN TABLE A. THE LOCATIONS SHALL BE APPROVED BY THE ENGINEER.
- EMERGENCY PULLOUTS SHALL BE RELOCATED TO AN ADJACENT LOCATION, APPROVED BY THE ENGINEER, TO COMPLETE STAGE I WORK. THE RELOCATION OF THE TEMPORARY CONCRETE BARRIER WILL BE PAID AT THE CONTRACT UNIT PRICE FOR "RELOCATE TEMPORARY BARRIER".
- ALL EMERGENCY PULLOUTS SIGNS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR "TEMPORARY INFORMATION SIGNING"
- THE COST OF THE TRAFFIC CONTROL REQUIRED FOR THE INSTALLATION AND RELOCATION OF EMERGENCY PULLOUTS AND THE COST OF RELOCATION OF THE TEMPORARY INFORMATION SIGNING FOR EMERGENCY PULLOUTS WILL NOT BE PAID FOR SEPARATELY AND SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)".

LEGEND:

- DIRECTION OF TRAFFIC
- WORK AREA
- SIGN ON SUPPORT
- TEMPORARY CONCRETE BARRIER



NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
 WIDENING AND RESURFACING

**STAGING AND TRAFFIC CONTROL
 DETAIL FOR
 EMERGENCY PULLOUT**

SCALE: N.T.S. DRAWN BY
 DATE 02/23/07 CHECKED BY DDH

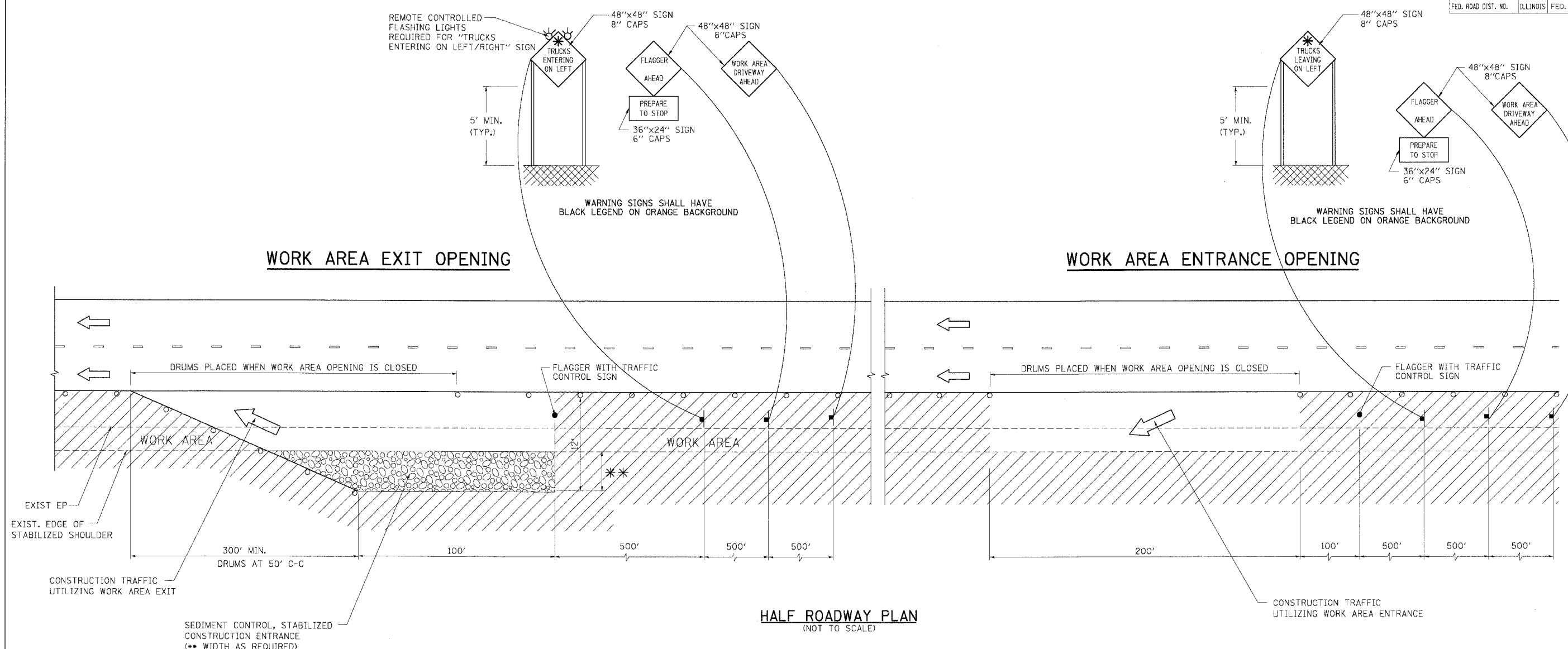
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 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) WRS	WILL	228	105
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

* SIGNS ARE TO READ "TRUCKS ENTERING ON LEFT/RIGHT"

* SIGNS ARE TO READ "TRUCKS LEAVING ON LEFT/RIGHT"



HALF ROADWAY PLAN
(NOT TO SCALE)

NOTES

1. THE "FLAGGER AHEAD" AND "TRUCKS ENTERING OR TRUCKS LEAVING ON LEFT/RIGHT" SIGNS SHALL BE REMOVED OR COVERED WHEN THE FLAGGING OPERATION CEASES.
2. THE FLASHING LIGHTS SHALL MEET THE REQUIREMENTS OF ARTICLE 702.05(c) AND BE OPERATED BY THE FLAGGER REMOTELY. THE LIGHTS SHALL BE FLASHING ONLY WHEN A VEHICLE IS ENTERING THE EXPRESSWAY.
3. WORK AREA EXIT OPENINGS SHALL BE LOCATED A MINIMUM OF ONE HALF-MILE APART. WORK AREA EXIT OPENINGS AND WORK AREA ENTRANCE OPENINGS SHALL BE LOCATED A MINIMUM OF 2,300' APART. WORK AREA OPENINGS INTO THE MEDIAN FROM BOTH DIRECTIONS OF TRAFFIC SHALL NOT BE PLACED DIRECTLY ACROSS FROM EACH OTHER. THE WORK AREA OPENING LOCATIONS SHALL BE APPROVED BY THE ENGINEER.
4. ALL CONSTRUCTION VEHICLES SHALL EXIT THE WORK AREA AT A WORK AREA EXIT OPENING.
5. ALL CONSTRUCTION VEHICLES SHALL ENTER THE WORK AREA AT A WORK AREA ENTRANCE OPENING AND SHALL USE THEIR TURN SIGNALS TO WARN MOTORISTS.
6. THE CONTRACTOR SHALL PLACE DRUMS WITH STEADY BURNING MONODIRECTIONAL LIGHTS, SPACED AT 50' CENTERS, ACROSS THE WORK AREA OPENING WHEN THE WORK AREA OPENING IS CLOSED. THE COSTS OF INSTALLING, MAINTAINING AND REMOVING THESE DRUMS AND SIGNS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR "TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)".
7. WORK AREA OPENINGS SHALL NOT BE SIMULTANEOUSLY USED AS A WORK AREA ENTRANCE AND A WORK AREA EXIT.
8. THE CONTRACTOR SHALL CLOSE THE WORK AREA OPENING WHEN REVISING THE SIGNING FROM AN ENTRANCE TO AN EXIT AND FROM AN EXIT TO AN ENTRANCE.
9. A FLAGGER IS REQUIRED AT ALL TIMES UNLESS THE WORK AREA OPENING IS CLOSED. THE COST OF THE FLAGGER WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR "TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)".
10. SEE EROSION AND SEDIMENT CONTROL DETAIL FOR STABILIZED CONSTRUCTION ENTRANCE.

LEGEND:

- FLAGGER WITH TRAFFIC CONTROL SIGN
- ← DIRECTION OF TRAFFIC
- SIGN ON SUPPORT
- DRUM W/ MONODIRECTIONAL STEADY BURN LIGHT
- ▨ WORK AREA

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 55 (I-80 TO BLACK ROAD)
 WIDENING AND RESURFACING

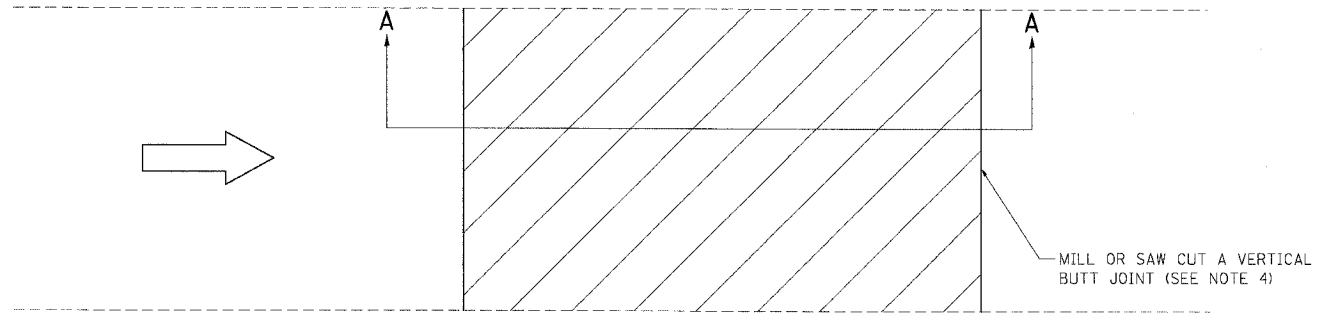
**STAGING AND TRAFFIC CONTROL
 DETAIL FOR SIGNING FOR FLAGGING
 OPERATIONS AT WORK AREA OPENINGS**

SCALE: N.T.S. DRAWN BY JP
 DATE 02/23/07 CHECKED BY DDH

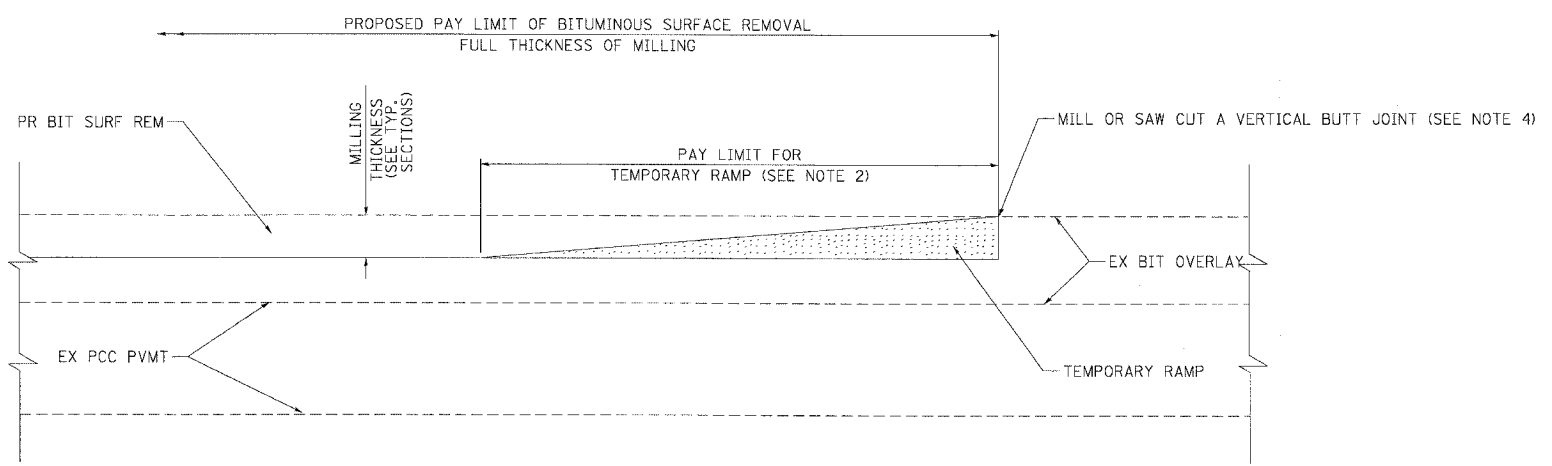
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 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

PLOT DATE = 02/23/07
 PLOT SCALE = 1/8"=1'-0"
 PLOT USER = GARCIA
 USER NAME = GARCIA

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

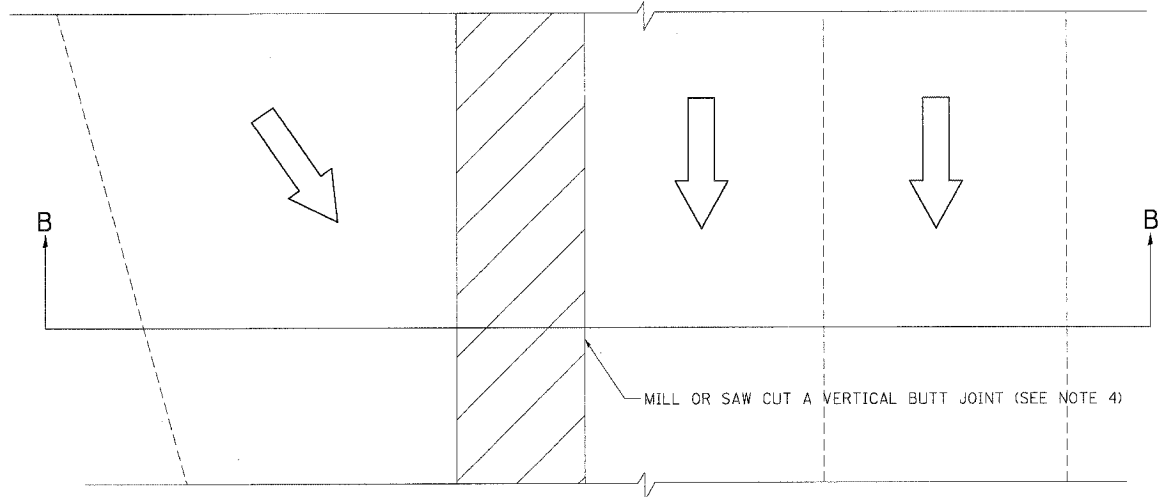


PLAN

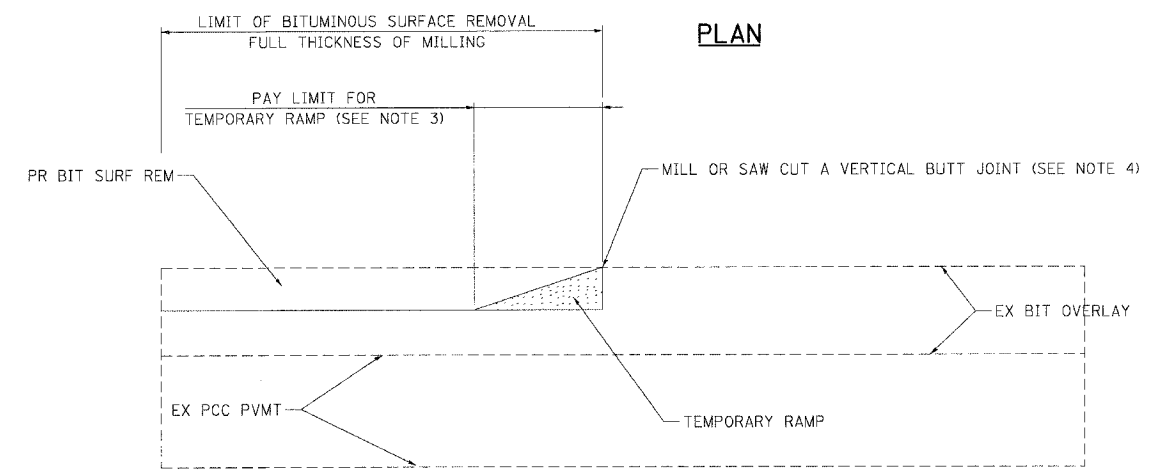


SECTION A-A

ROADWAY DETAILS FOR TEMPORARY RAMPS FOR MAINLINE TRAFFIC
DOWNSTREAM RAMP SHOWN (UPSTREAM RAMP SIMILAR)



PLAN



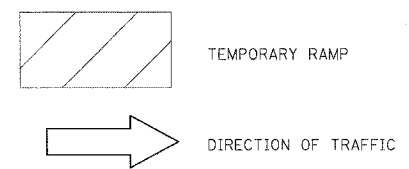
SECTION B-B

ROADWAY DETAILS FOR MERGING AND DIVERGING TRAFFIC
DOWNSTREAM MERGING RAMP SHOWN (UPSTREAM DIVERGING RAMP SIMILAR)

NOTES

1. PRIOR TO OPENING BITUMINOUS SURFACE REMOVAL AREAS TO TRAFFIC, TEMPORARY RAMPS SHALL BE CONSTRUCTED AND MAINTAINED AT BOTH THE UPSTREAM AND DOWNSTREAM ENDS OF THE SURFACE REMOVAL AREAS OPEN TO TRAFFIC.
2. TAPER THE TEMPORARY RAMP AT A RATE OF 40 INCHES PER INCH OF MILLING THICKNESS.
3. WHERE THE TEMPORARY RAMP IS AT A SKEW TO THE MAINLINE ALIGNMENT, SUCH AS AT ENTRANCE AND EXIT RAMPS, TAPER THE TEMPORARY RAMP AT A RATE OF 12 INCHES PER INCH OF MILLING THICKNESS OR AS DIRECTED BY THE ENGINEER
4. INSTALLATION, MAINTENANCE AND REMOVAL OF THE TEMPORARY RAMP INCLUDING THE COST TO MILL OR SAW CUT TO PROVIDE A VERTICAL EDGE AS SHOWN, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "TEMPORARY RAMP".
5. CONSTRUCTION OF THE TEMPORARY RAMP SHALL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 406 OF THE STANDARD SPECIFICATIONS.

LEGEND



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-55 (BLACK ROAD TO U.S. 30)
 WIDENING AND RESURFACING

**STAGING AND TRAFFIC CONTROL
 DETAIL FOR
 TEMPORARY RAMP**

SCALE: NTS
 DATE 02/23/07
 DRAWN BY MRK
 CHECKED BY KA

TENG
 TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

PLOT DATE = 02/23/07
 FILE NAME = I:\PROJECTS\60B46\DWG\STAGING\STAGING.DWG
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	107
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

EROSION AND SEDIMENT CONTROL GENERAL NOTES

- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
 - 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.
 - 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.
- 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.
- STABILIZATION OF CUT OR FILL SLOPES WITH TEMPORARY OR PERMANENT EROSION CONTROL MEASURES IS REQUIRED WHENEVER THE CUT OR FILL ACTIVITY REACHES 10 FEET VERTICALLY OR THE FINISHED SLOPE EQUALS 30 FEET, WHICHEVER IS MORE RESTRICTIVE. ONCE THE STABILIZATION MEASURES ARE INSTALLED, THE PLACEMENT OF FILL EXCAVATION ACTIVITIES ARE ALLOWED TO PROCEED.
- 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.
- SEDIMENT TRAPS, SEDIMENT BASINS, DITCHES, SEDIMENT CONTROL, SILT FENCE, STONE OUTLET STRUCTURES, EARTH BERMS, ETC. SHALL BE MAINTAINED DURING THE CONSTRUCTION SEASON AS WELL AS THE WINTER MONTHS AND OTHER TIMES WHEN THE PROJECT IS CLOSED DOWN. TRAPS WILL BE CLEANED WHEN THEY ARE 50% FILLED, SILT FENCE STONE OUTLET STRUCTURES SHALL HAVE SEDIMENT REMOVED WHEN IT REACHES 50% THE HEIGHT OF THE CONTROL DEVICE. THESE SPOILS WILL BE REMOVED TO AN APPROVED SITE.
- 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.
- 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.
- 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.
- SEDIMENT LADEN DEWATERING DISCHARGE MUST BE DIRECTED TO AN APPROVED SEDIMENT TRAPPING MEASURE PRIOR TO RELEASE FROM THE SITE.
- 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:
 - ALL AREAS BEING STABILIZED ARE 3:1 SLOPES OR FLATTER.
 - THE CONTRACTOR BEARS THE COST OF PREPARING THE SEED BED AND STABILIZING THE AREA WITH TEMPORARY STABILIZATION WITH STRAW MULCH.
 - ALL REQUIRED SEDIMENT CONTROL MEASURES FOR THE SECTION OF ROAD IN QUESTION HAVE BEEN INSTALLED ARE BEING MAINTAINED.
- 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 IN PERMANENT 1:2 SLOPES AND 1:3 SLOPES HIGHER THAN 10 FEET.
- 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.
- 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".
- THE CONSTRUCTION LIMITS WILL BE STAKED BY THE ENGINEER PRIOR TO COMMENCING CONSTRUCTION. THE CONSTRUCTION LIMITS MAY BE ADJUSTED BY THE ENGINEER TO PRESERVE TREES AND NO ADDITIONAL COMPENSATION WILL BE PAID TO THE CONTRACTOR FOR CHANGED CONSTRUCTION LIMITS.
- THE RESIDENT ENGINEER SHALL HAVE FINAL DETERMINATION OF THE PLACEMENT AND LOCATION OF THE SEDIMENT CONTROL, SILT FENCE.
- SEE EROSION AND SEDIMENT CONTROL PLANS FOR PLACEMENT OF ALL EROSION AND SEDIMENT CONTROL PAY ITEMS.
- SEE PROPOSED DRAINAGE PLANS FOR FINAL DRAINAGE STRUCTURE, STORM SEWER AND PIPE CULVERT INFORMATION.
- SEE EXISTING DRAINAGE AND UTILITY PLANS FOR INFORMATION CONCERNING THE REMOVAL, ADJUSTMENT, RECONSTRUCTION, ETC. OF EXISTING STRUCTURE AND PIPES.
- 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 TABLES FOR THIS WORK ARE SHOWN ON THE EROSION CONTROL PLANS.
- AS DETERMINED BY THE CONTRACTOR, SOME OF THE PROPOSED DRAINAGE STRUCTURES WILL BE STAGE CONSTRUCTED VERTICALLY TO FACILITATE CONSTRUCTION OPERATIONS. IF THE TOP SLAB OF THE STRUCTURE MUST BE PLACED AT AN INTERIM ELEVATION, THE TOP SLAB WILL THEN BE REMOVED AND THE REMAINING PORTION OF THE STRUCTURE ADDED AND THE TOP SLAB RE-INSTALLED IN A LATER STAGE. FOR DRAINAGE STRUCTURES COMPLETED TO FULL HEIGHT IN THIS CONTRACT, THE COST OF STAGE CONSTRUCTING THEM VERTICALLY WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE PER EACH FOR THE DRAINAGE STRUCTURE OF THE TYPE SPECIFIED IN THE PLANS.

- 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.
- TEES REQUIRED TO MAKE TEMPORARY CONNECTIONS TO EXISTING SEWER SHALL BE INSTALLED ACCORDING TO IDOT DISTRICT 1 STANDARD BD-07 AND PAID FOR AT CONTRACT UNIT PRICE PER EACH FOR "REINFORCED CONCRETE PIPE TEE" OF THE SIZES REQUIRED TO MAKE THE CONNECTIONS. CONTRACTOR MAY AT HIS OPTION USE PRE-FABRICATED WYES INSTEAD OF TEES, AT HIS COST. ELBOWS AND OTHER FITTINGS REQUIRED TO MAKE TEMPORARY CONNECTIONS SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER METER FOR THE TYPE AND CLASS OF PROPOSED LATERAL PIPE SPECIFIED.

WILL/SOUTH COOK SOIL AND WATER CONSERVATION DISTRICT GENERAL NOTES

- THE SOIL AND WATER CONSERVATION DISTRICT IS RESPONSIBLE FOR CONDUCTING SITE VISITS AND VERIFYING THAT THE PRACTICES ARE WORKING PROPERLY AND DETERMINE IF ADDITIONAL PRACTICES ARE NEEDED FOR BETTER SOIL EROSION AND SEDIMENT CONTROL. IF ADDITIONAL PRACTICES ARE DEEMED NECESSARY BY THE SWCD THE CONTRACTOR WILL IMPLEMENT THE PRACTICES IN A TIMELY MANNER.
- THE WILL/SOUTH COOK SOIL AND WATER CONSERVATION DISTRICT MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRE-CONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITIES, AND ONE WEEK PRIOR TO FINAL INSPECTION.
- EROSION CONTROL BLANKET SHALL BE INSTALLED TO ALL DISTURBED AREAS WITH SLOPES EQUAL TO OR GREATER THAN 5H:1V AND IN CRITICAL AREAS (i.e. DETENTION BASIN PERIMETERS, STREAMBANKS, BERMS, etc.) IMMEDIATELY UPON FINAL GRADING.
- SILT FENCE SHALL BE INSTALLED FOLLOWING THE COMPLETION AND STABILIZATION OF THE STORMWATER FACILITIES WILL REMAIN IN PLACE UNTIL THE CONTRIBUTING AREA IS STABILIZED.
- STOCKPILES OF SOIL AND OTHER BUILDING MATERIALS TO REMAIN IN PLACE MORE THAN THREE (3) DAYS SHALL BE FURNISHED WITH EROSION AND SEDIMENT CONTROL MEASURES (i.e. PERIMETER SILT FENCE). STOCKPILES TO REMAIN IN PLACE FOR 30 DAYS OR MORE SHALL RECEIVE TEMPORARY SEEDING.
- ALL ADJACENT STREETS MUST BE KEPT CLEAR OF DEBRIS, INSPECTED DAILY AND CLEANED WHEN NECESSARY.
- ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES ARE REFERENCED FROM THE ILLINOIS URBAN MANUAL.
- THE USE OF SANDBAGS FOR CREATING A DIVERSION CHANNEL IS PROHIBITED. THE PROPOSED BRIDGE/CULVERT CROSSINGS MUST HAVE A COFFERDAM, OR TURBIDITY CURTAIN IN PLACE CONSTRUCTED OF A WATER FILLED BLADDER OR PORTADAM TYPE STRUCTURE AT THE TIME OF CONSTRUCTION. DURING DEWATERING OPERATIONS, WATER MUST BE PUMPED INTO THE FILTER BAGS OR SILT TRAPS OUTSIDE OF THE EXISTING CHANNEL. DEWATERING INTO DRAIN TILES IS STRICTLY PROHIBITED.
- A STAMPED AND SIGNED COPY OF THE APPROVED SOIL EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES AND BE PRESENTED WHEN REQUESTED BY WILL/SOUTH COOK SWCD, U.S. ARMY CORPS OF ENGINEERS OR ANY OTHER AUTHORIZED AGENCY.



DATE 2/15/2007
 EXP. 11/30/2007

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
 WIDENING AND RESURFACING

**EROSION AND SEDIMENT CONTROL
 FAI 55
 GENERAL NOTES**

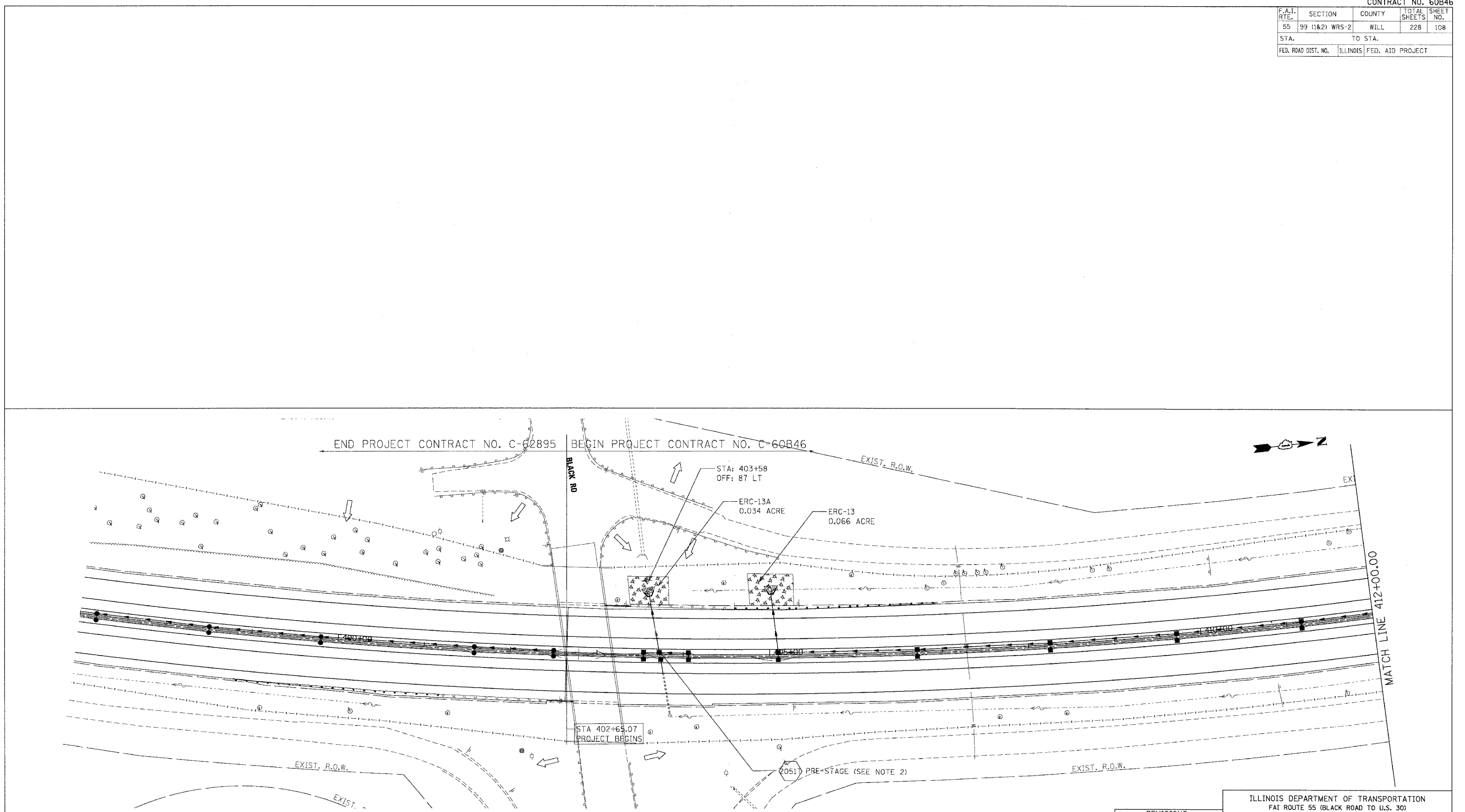
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TENG TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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LEGEND

- ◆ INLET FILTERS
- ◇ TEMPORARY DITCH CHECK
- ▣ TEMPORARY EROSION CONTROL SEEDING AND MULCH METHOD 2
- ▤ RIPRAP CLASS A3 & A4
- TEMPORARY SILT FENCE
- ➡ OUTLET
- SHEET FLOW

NOTES:

1. FOR PERMANENT STRUCTURE, PERMANENT PIPE AND SEDIMENT CONTROL INLET FILTER, SEE DRAINAGE SCHEDULES, SHEETS 129 TO 133.

2. TEMPORARY END SECTION (2051) SHALL BE CONSTRUCTED FOR INTERIM DRAINAGE IN PRE-STAGE ALONG WITH PIPE (2050). THE EXISTING DITCH SHALL BE GRADED AT THE END SECTION OPENING FOR POSITIVE DRAINAGE. THE GRADING SIDE SLOPES NO STEEPER THAN 3H : 1V AND LONGITUDINAL GRADES NO STEEPER THAN 6H : 1V. THE COST OF GRADING THE DITCH AT THE END SECTION SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR STORM SEWERS OF THE TYPE, SIZE AND CLASS SPECIFIED. INLET AND PIPE PROTECTION SHALL BE CONSTRUCTED AND MAINTAINED UNTIL THE MEDIAN DITCH IS GRADED TO DRAIN INTO THE STRUCTURE THROUGH THE GRATE. INLET AND PIPE PROTECTION WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH.

REVISIONS	
NAME	DATE

MORCOM, N.V., INC.
 CONSULTING ENGINEERS
 CHICAGO, ILLINOIS

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
 WIDENING AND RESURFACING

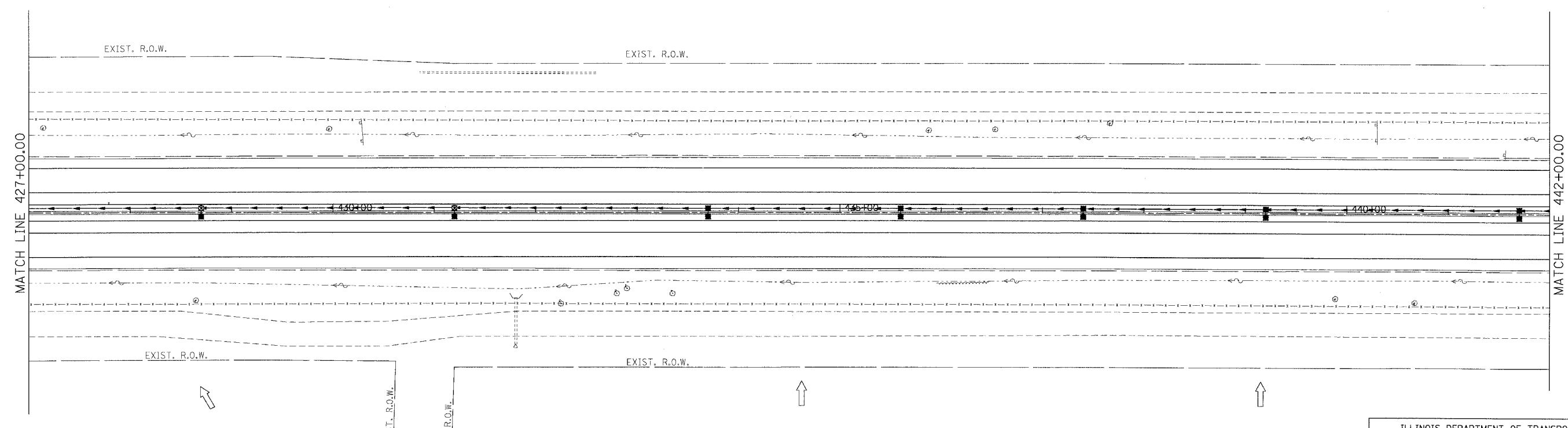
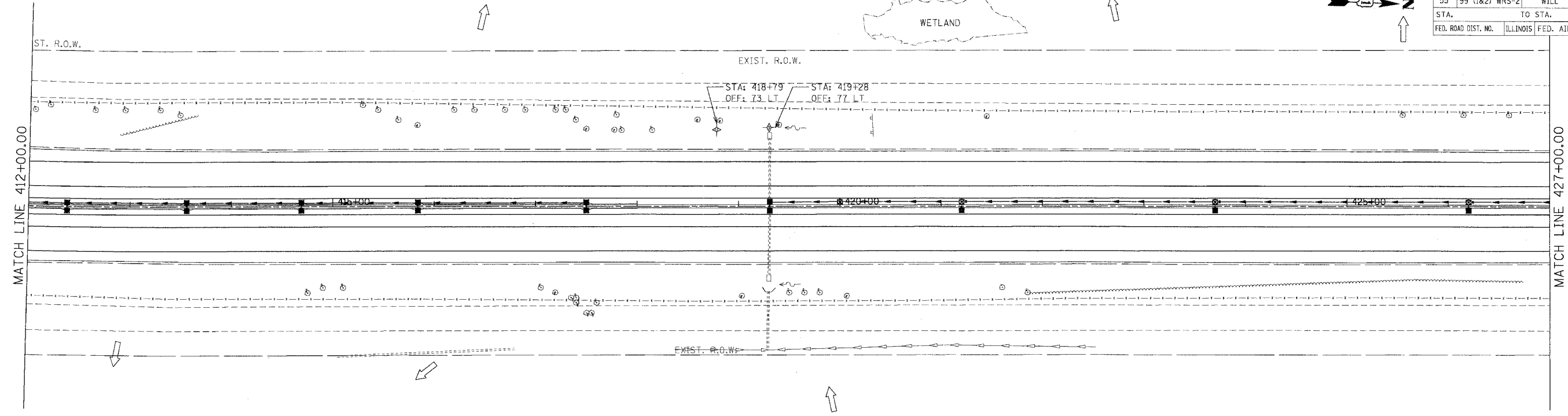
EROSION AND SEDIMENT CONTROL
 FAI 55
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TENG
 TENG & ASSOCIATES, INC.
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 CHICAGO, ILLINOIS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) WRS-2	WILL	228	109
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



- LEGEND**
- ◆ INLET FILTERS
 - ◇ TEMPORARY DITCH CHECK
 - ▣ TEMPORARY EROSION CONTROL SEEDING AND MULCH METHOD 2
 - ⊠ RIPRAP CLASS A3 & A4
 - TEMPORARY SILT FENCE

NOTES:

1. FOR PERMANENT STRUCTURE, PERMANENT PIPE AND SEDIMENT CONTROL INLET FILTER, SEE DRAINAGE SCHEDULES, SHEETS 129 TO 133.

OUTLET
 SHEET FLOW

REVISIONS	
NAME	DATE

MORCOM, N.V., INC.
CONSULTING ENGINEERS
CHICAGO, ILLINOIS

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
WIDENING AND RESURFACING

EROSION AND SEDIMENT CONTROL
FAI 55
STA. 412+00.00 TO STA. 442+00.00

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DATE 03/15/07 CHECKED BY TKL

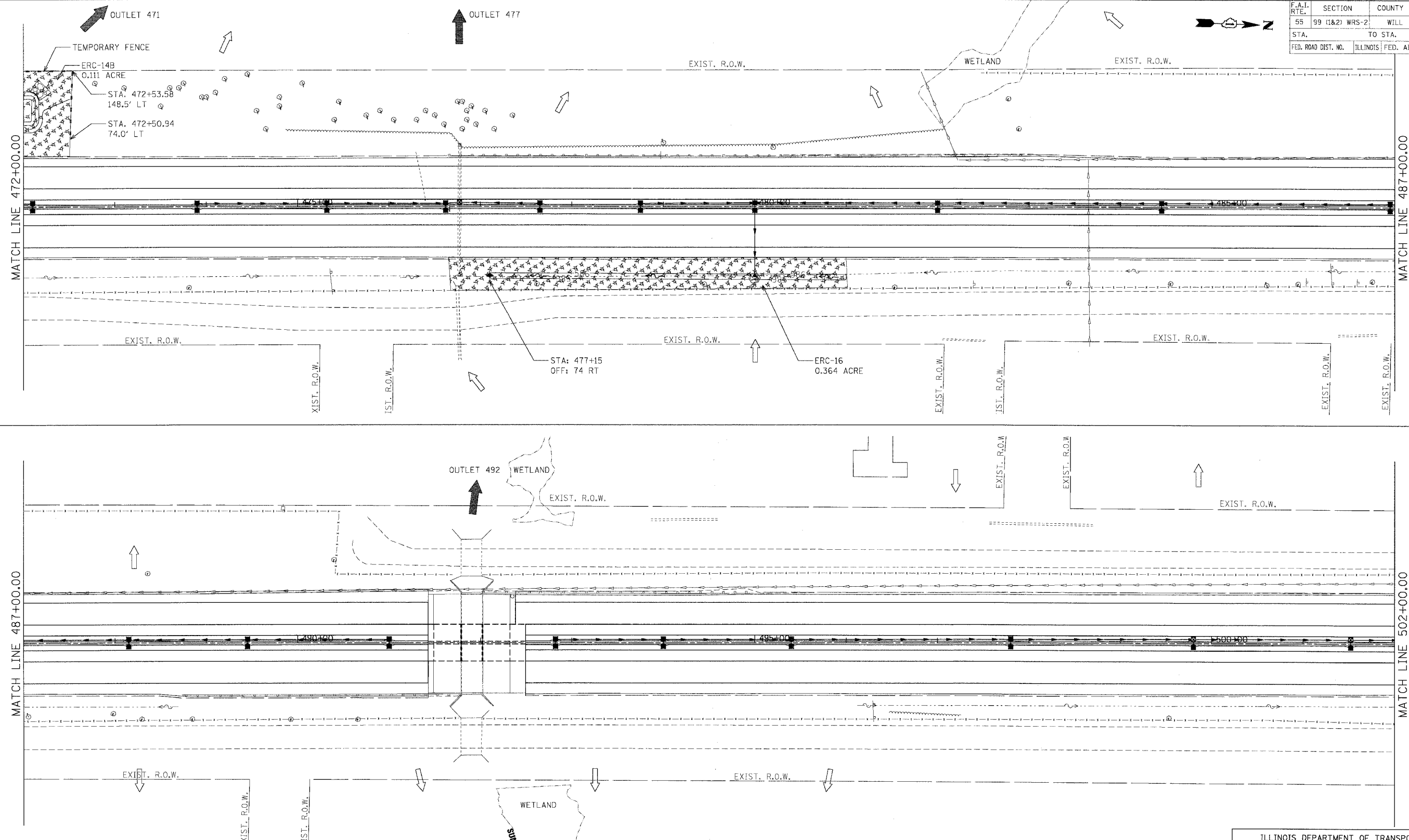
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TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

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55	99 (1&2) WRS-2	WILL	228	111
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 60B46



- LEGEND**
- ◆ INLET FILTERS
 - ◇ TEMPORARY DITCH CHECK
 - ▣ TEMPORARY EROSION CONTROL SEEDING AND MULCH METHOD 2
 - ▧ RIPRAP CLASS A3 & A4
 - TEMPORARY SILT FENCE
 - OUTLET
 - ➞ SHEET FLOW

NOTES:

1. FOR PERMANENT STRUCTURE, PERMANENT PIPE AND SEDIMENT CONTROL INLET FILTER, SEE DRAINAGE SCHEDULES, SHEETS 129 TO 133.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
 WIDENING AND RESURFACING

EROSION AND SEDIMENT CONTROL FAI 55

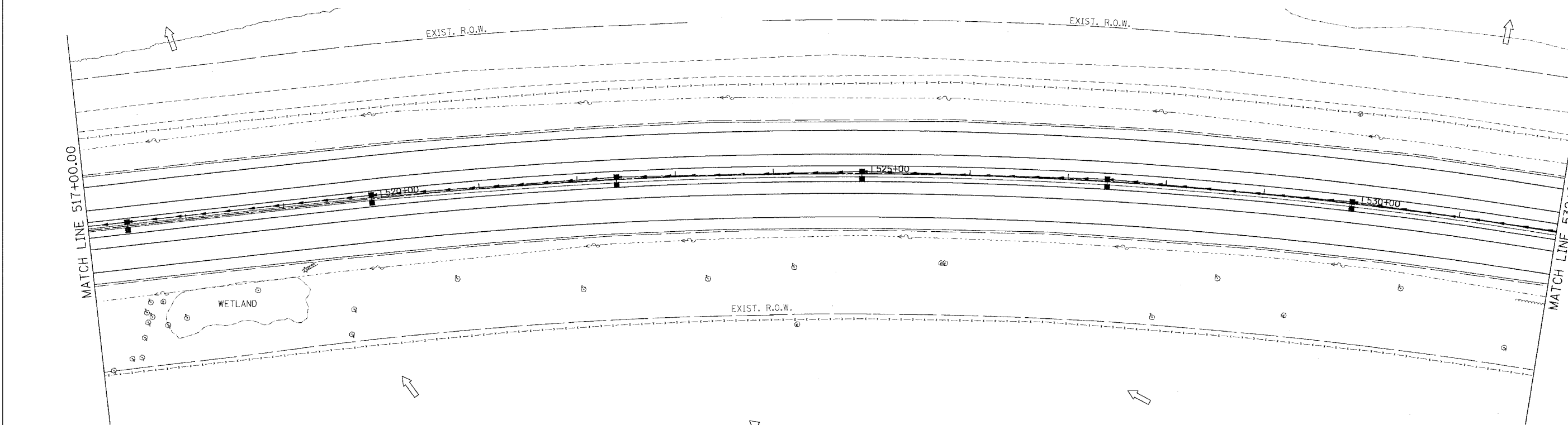
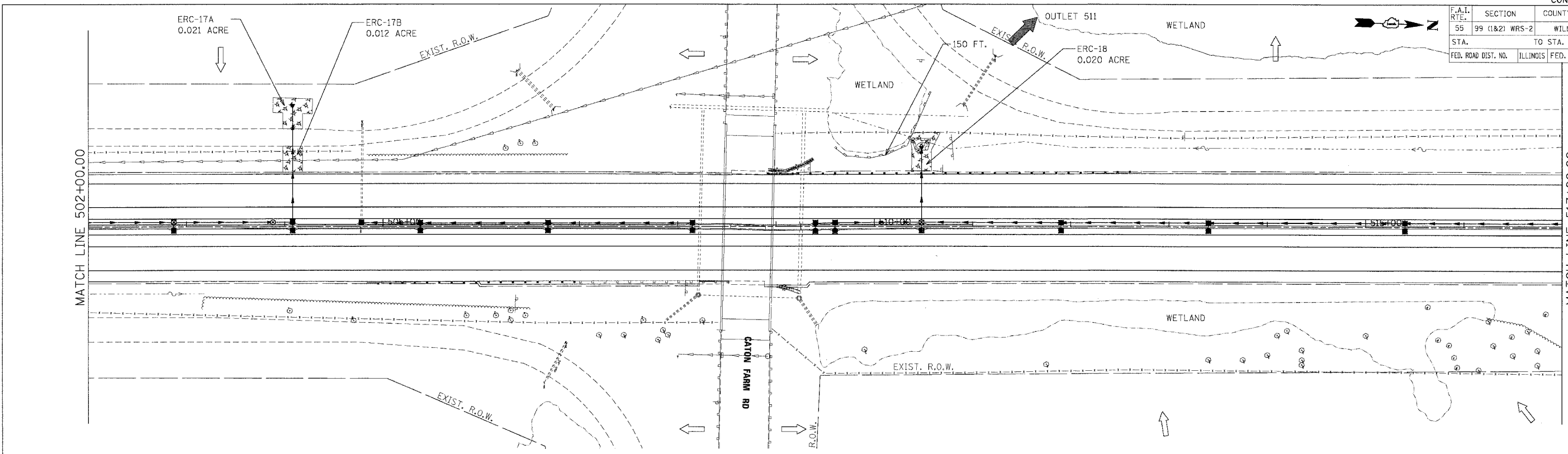
STA. 472+00.00 TO STA. 502+00.00

SCALE: 1"=50' DRAWN BY SN
 DATE 03/15/07 CHECKED BY TKL

TENG
 TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

MORCOM, N.V., INC.
 CONSULTING ENGINEERS
 CHICAGO, ILLINOIS

CONTRACT NO. 60B46
 F.A.I. SECTION COUNTY TOTAL SHEET SHEET NO.
 55 99 (1&2) WRS-2 WILL 228 112
 STA. TO STA.
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT



- LEGEND**
- ◆ INLET FILTERS
 - ◇ TEMPORARY DITCH CHECK
 - ▣ TEMPORARY EROSION CONTROL SEEDING AND MULCH METHOD 2
 - ▨ RIPRAP CLASS A3 & A4
 - TEMPORARY SILT FENCE

- NOTES:**
- FOR PERMANENT STRUCTURE, PERMANENT PIPE AND SEDIMENT CONTROL INLET FILTER, SEE DRAINAGE SCHEDULES, SHEETS 129 TO 133.
- OUTLET
 SHEET FLOW

REVISIONS	
NAME	DATE

MORCOM, N.V., INC.
 CONSULTING ENGINEERS
 CHICAGO, ILLINOIS

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
 WIDENING AND RESURFACING

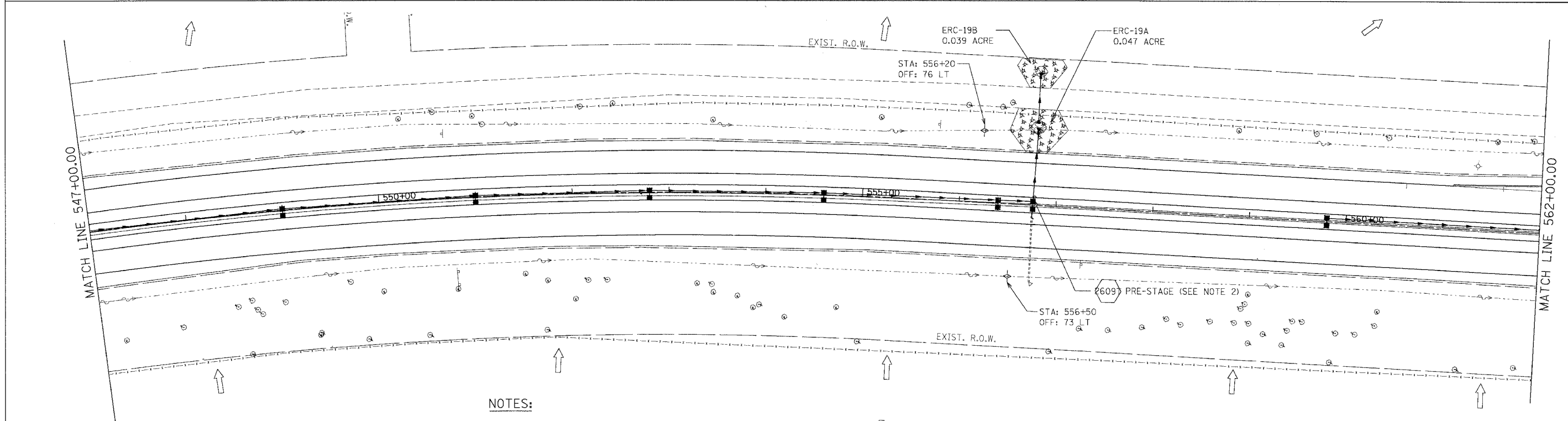
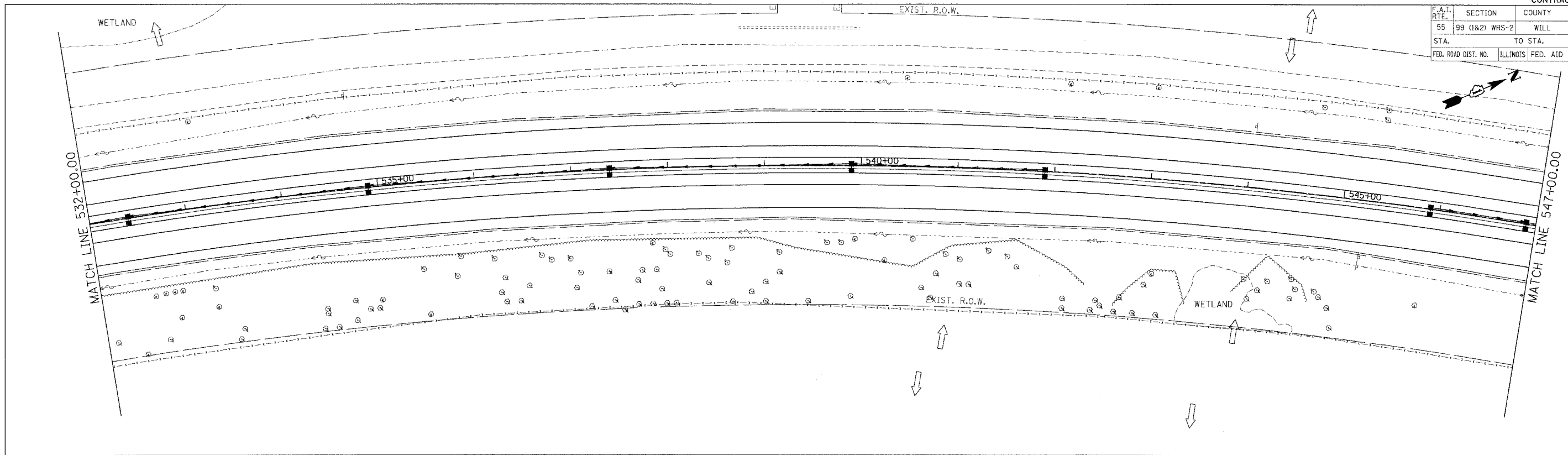
**EROSION AND SEDIMENT CONTROL
 FAI 55
 STA. 502+00.00 TO STA. 532+00.00**

SCALE: 1"=50'
 DATE 03/15/07

DRAWN BY SN
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TENG
 TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	113
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



- NOTES:**
1. FOR PERMANENT STRUCTURE, PERMANENT PIPE AND SEDIMENT CONTROL INLET FILTER, SEE DRAINAGE SCHEDULES, SHEETS 129 TO 133.
 2. TEMPORARY END SECTION (2609) SHALL BE CONSTRUCTED FOR INTERIM DRAINAGE IN PRE-STAGE ALONG WITH PIPE (2700). THE EXISTING DITCH SHALL BE GRADED AT THE END SECTION OPENING FOR POSITIVE DRAINAGE. THE GRADING SIDE SLOPES NO STEEPER THAN 3H : 1V AND LONGITUDINAL GRADES NO STEEPER THAN 6H : 1V. THE COST OF GRADING THE DITCH AT THE END SECTION SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR STORM SEWERS OF THE TYPE, SIZE AND CLASS SPECIFIED. INLET AND PIPE PROTECTION SHALL BE CONSTRUCTED AND MAINTAINED UNTIL THE MEDIAN DITCH IS GRADED TO DRAIN INTO THE STRUCTURE THROUGH THE GRATE. INLET AND PIPE PROTECTION WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH.

LEGEND

- ◆ INLET FILTERS
- ◇ TEMPORARY DITCH CHECK
- ▣ TEMPORARY EROSION CONTROL SEEDING AND MULCH METHOD 2
- ▨ RIPRAP CLASS A3 & A4
- TEMPORARY SILT FENCE
- ➡ OUTLET
- ⇄ SHEET FLOW

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
 WIDENING AND RESURFACING

**EROSION AND SEDIMENT CONTROL
 FAI 55
 STA. 532+00.00 TO STA. 562+00.00**

SCALE: 1"=50'
 DATE: 03/15/07

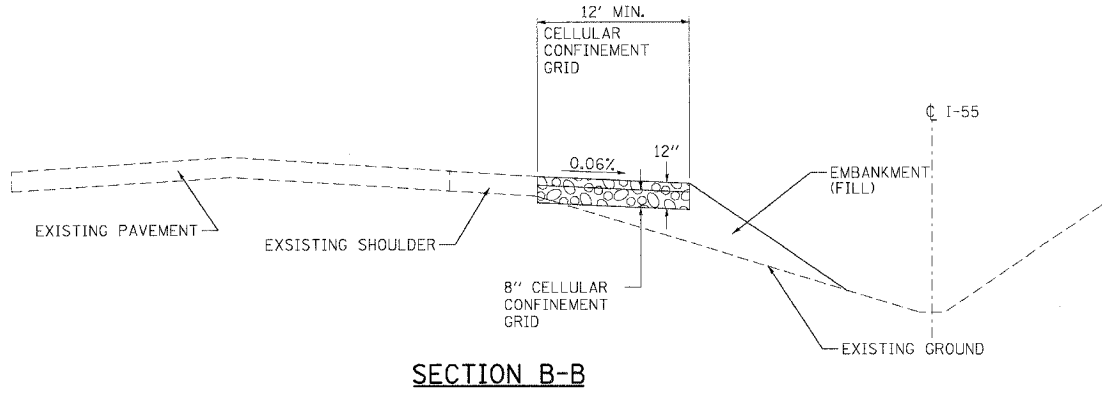
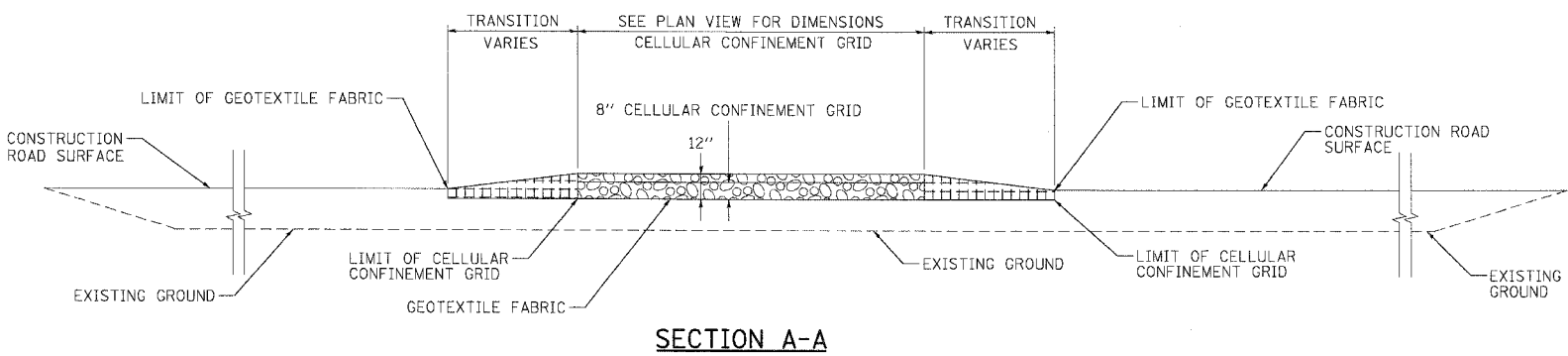
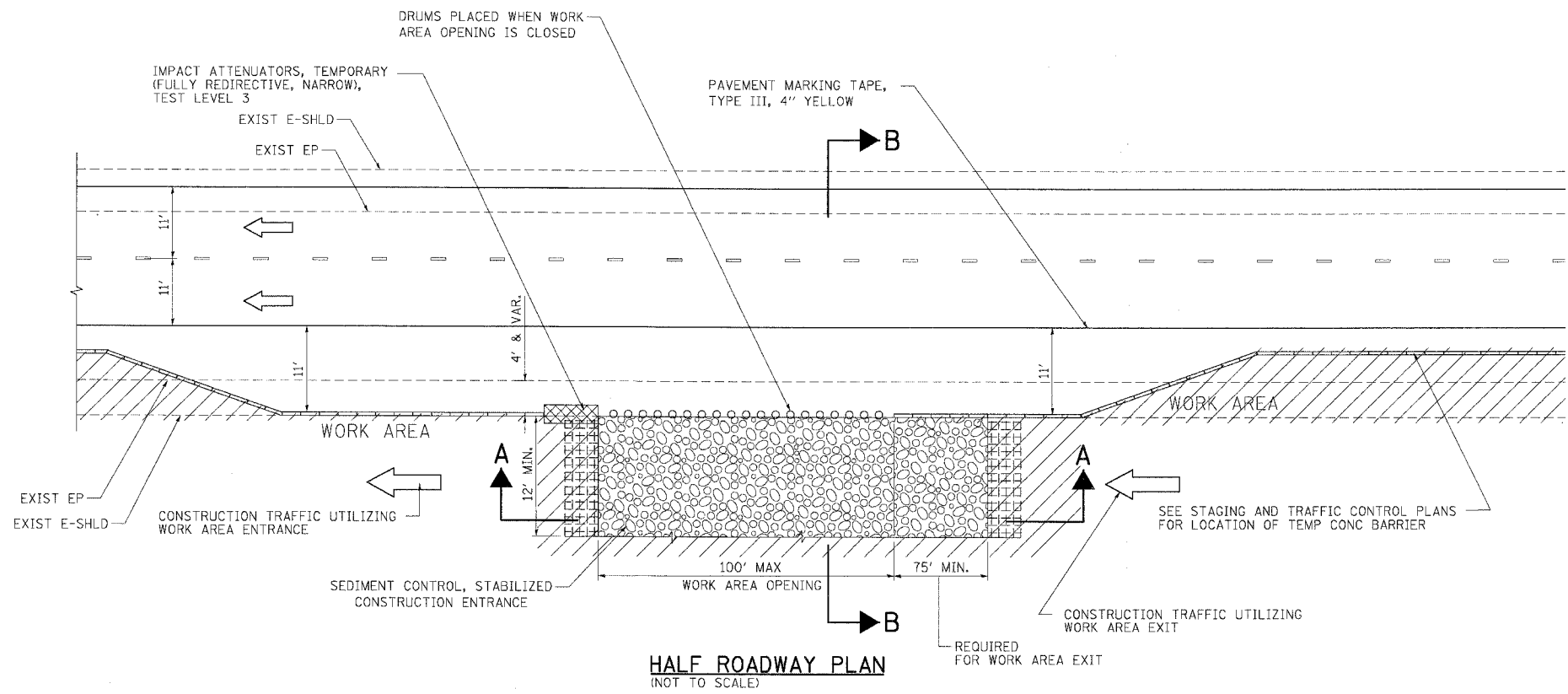
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TENG
 TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS






MORCOM, N.V., INC.
 CONSULTING ENGINEERS
 CHICAGO, ILLINOIS

PLOT DATE: 03/15/07
 FILE NAME: 60B46.DWG
 USER: TENG
 PLOT SCALE: 1"=50'
 PLOT SHEET: 113 OF 228
 PLOT DATE: 03/15/07
 FILE NAME: 60B46.DWG
 USER: TENG
 PLOT SCALE: 1"=50'
 PLOT SHEET: 113 OF 228

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	115
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



LEGEND:

-  COURSE AGGREGATE CA-3
-  SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE
-  DIRECTION OF TRAFFIC
-  WORK AREA
-  IMPACT ATTENUATOR

NOTES:

1. THE EXISTING BITUMINOUS SHOULDER SHALL REMAIN IN THE PLACE UNTIL THE STABILIZED CONSTRUCTION ENTRANCE IS REMOVED.
2. EXISTING DITCH DRAINAGE TO BE MAINTAINED.
3. THE COST OF ANY COURSE AGGREGATE CA-3 USED FOR TRANSITION FROM THE CONSTRUCTION ROAD TO THE STABILIZED CONSTRUCTION ENTRANCE WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR "SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE".
4. SEE STAGING AND TRAFFIC CONTROL DETAIL FOR WORK AREA DRIVEWAY ENTRANCE/EXIT.
5. THE SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE DIMENSIONS SHALL BE APPROVED BY THE ENGINEER.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
 WIDENING AND RESURFACING

**EROSION AND SEDIMENT CONTROL
 STABILIZED CONSTRUCTION
 ENTRANCE**

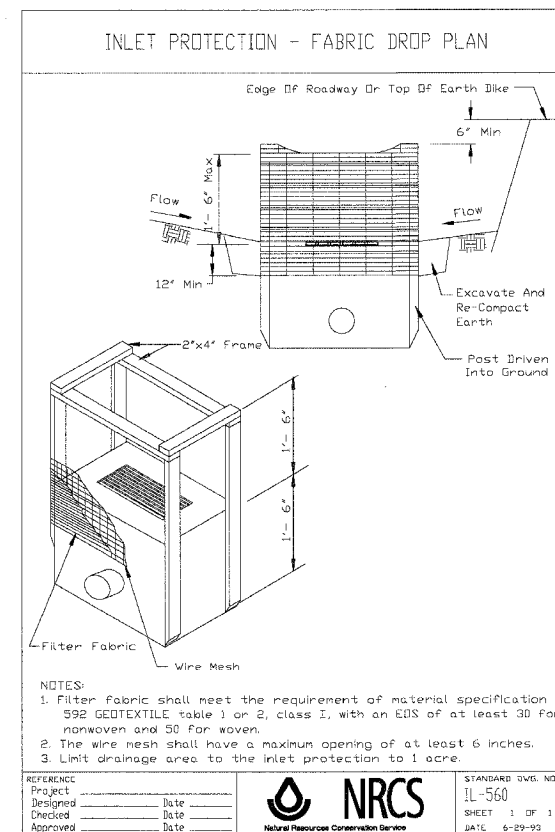
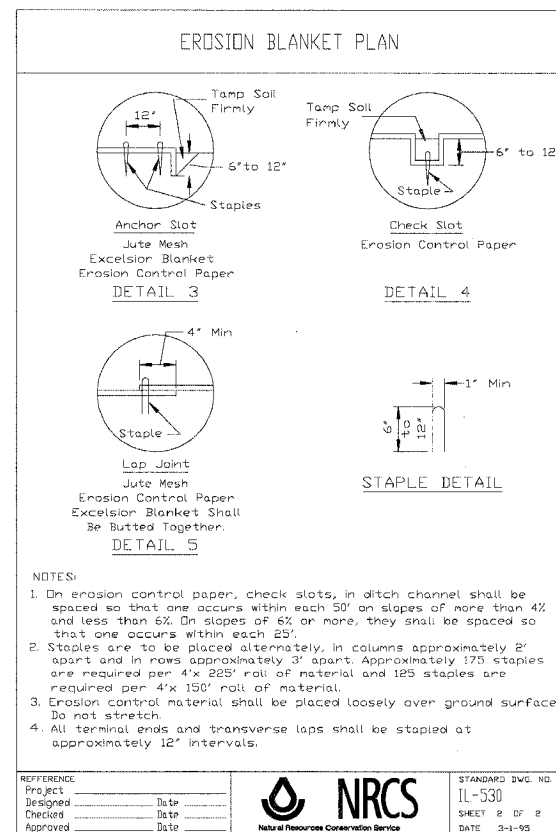
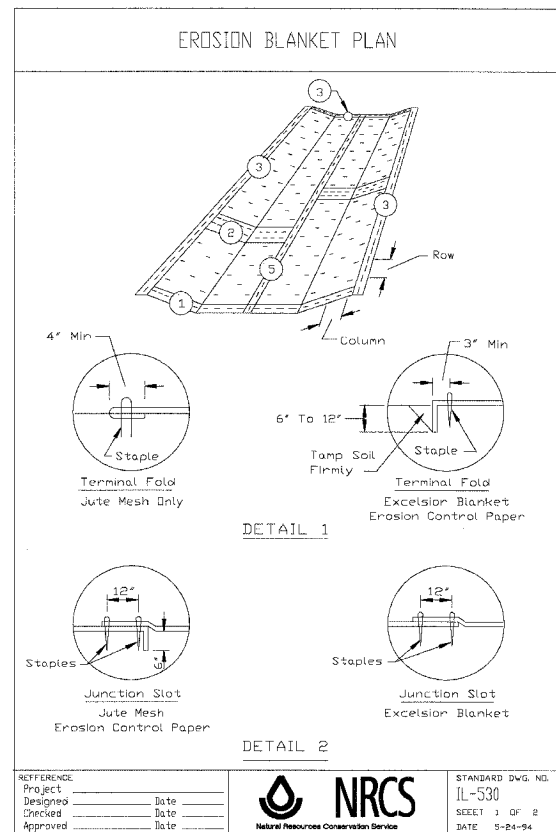
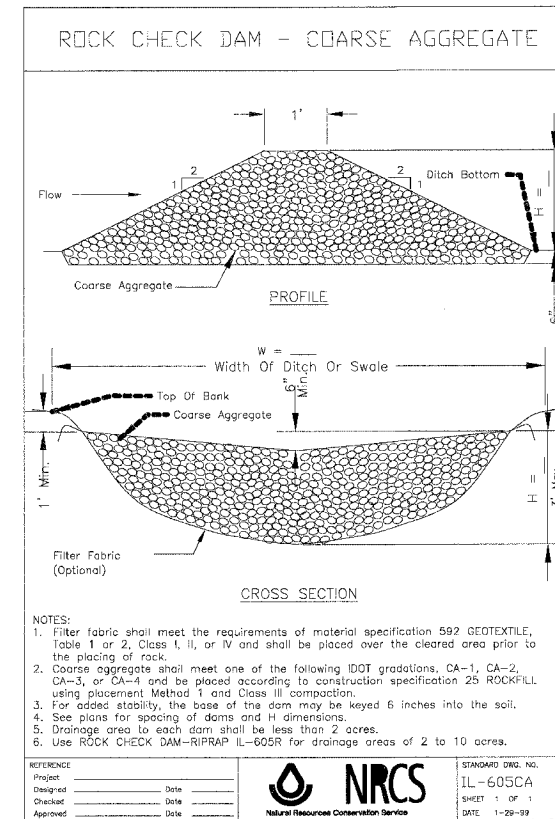
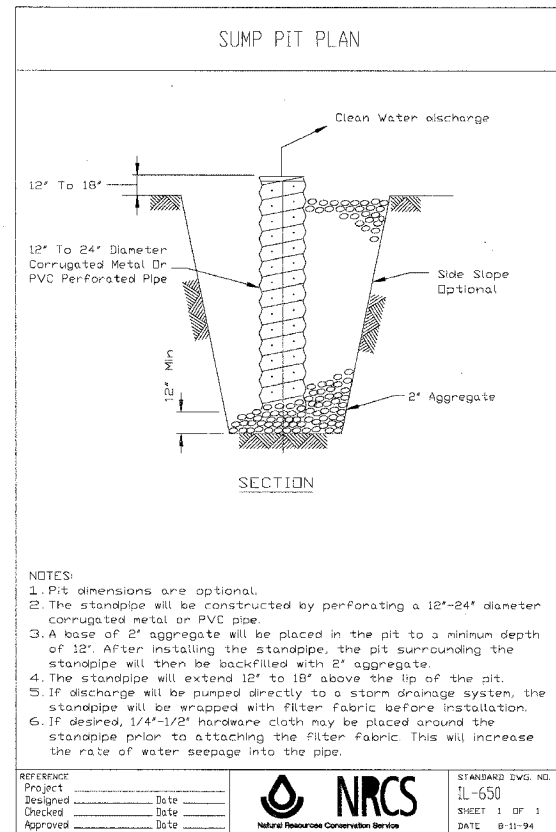
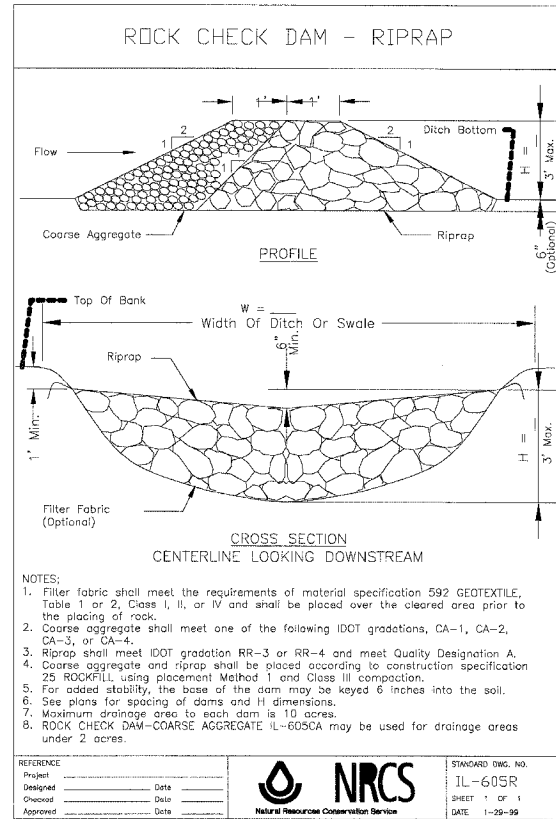
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 DATE 02/23/07 CHECKED BY DDH

MORCOM, N.V., INC.
 CONSULTING ENGINEERS
 CHICAGO, ILLINOIS

TENG TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	116
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
WIDENING AND RESURFACING

EROSION AND SEDIMENT CONTROL DETAILS

SCALE: NTS
DATE 02/23/07
DRAWN BY MRK
CHECKED BY TKL

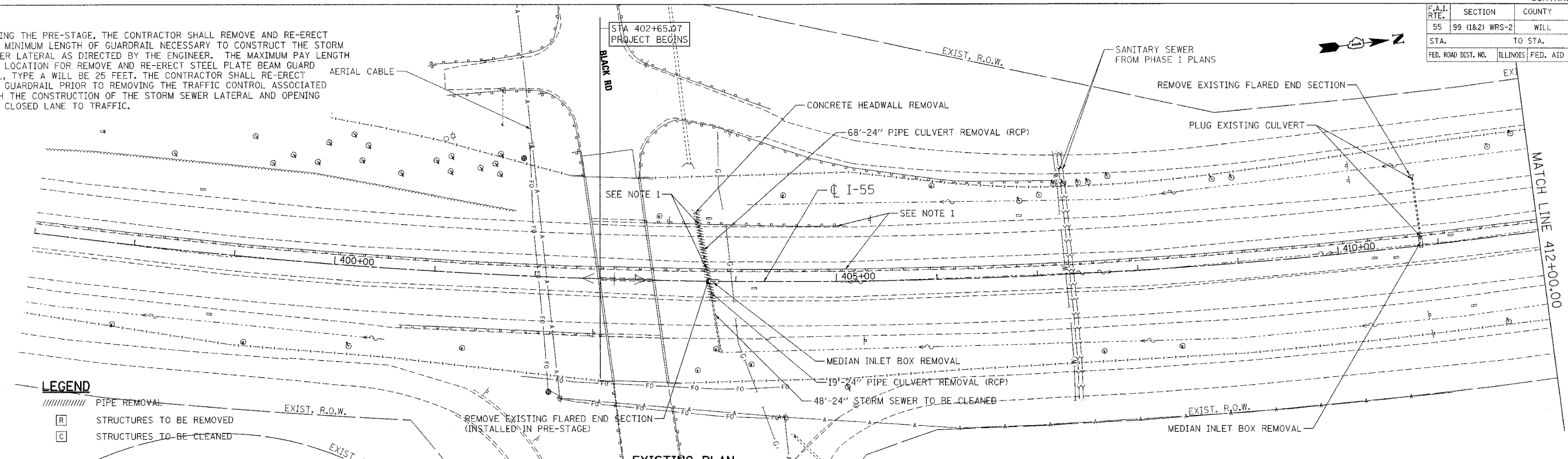
TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) WRS-2	WILL	228	117
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

NOTES

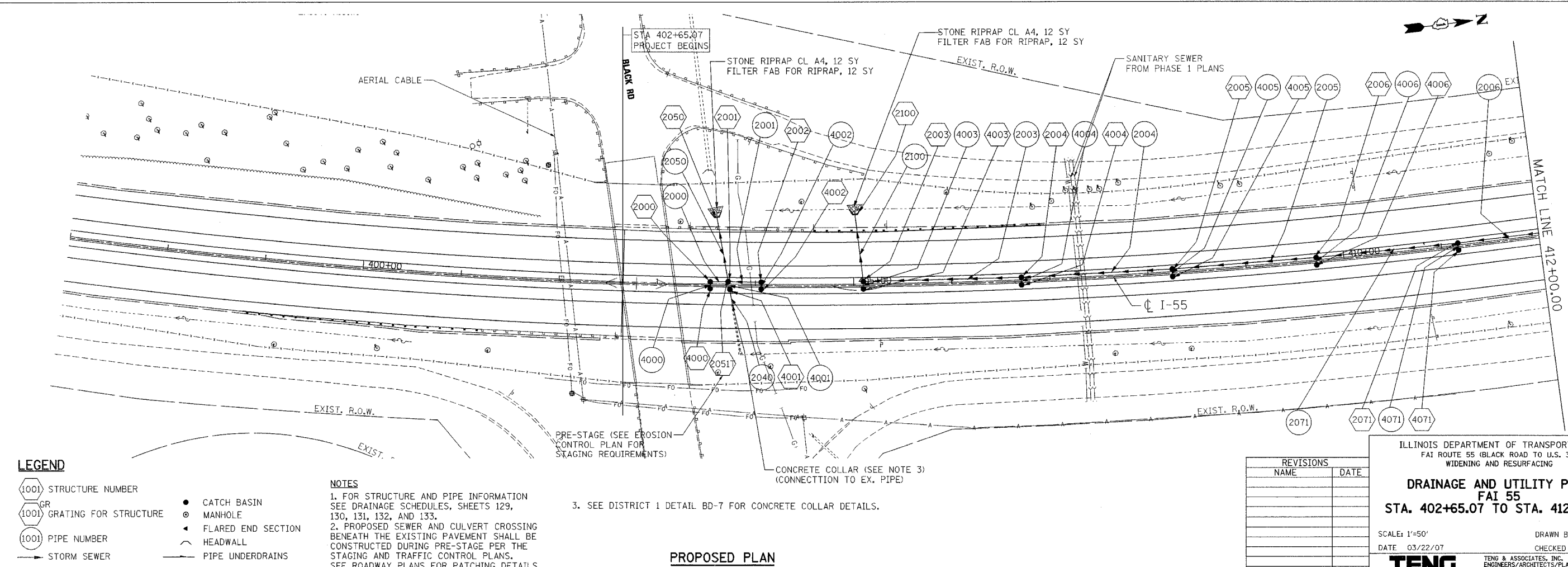
1. DURING THE PRE-STAGE, THE CONTRACTOR SHALL REMOVE AND RE-ERECT THE MINIMUM LENGTH OF GUARDRAIL NECESSARY TO CONSTRUCT THE STORM SEWER LATERAL AS DIRECTED BY THE ENGINEER. THE MAXIMUM PAY LENGTH PER LOCATION FOR REMOVE AND RE-ERECT STEEL PLATE BEAM GUARDRAIL, TYPE A WILL BE 25 FEET. THE CONTRACTOR SHALL RE-ERECT THE GUARDRAIL PRIOR TO REMOVING THE TRAFFIC CONTROL ASSOCIATED WITH THE CONSTRUCTION OF THE STORM SEWER LATERAL AND OPENING THE CLOSED LANE TO TRAFFIC.



LEGEND

- ////// PIPE REMOVAL
- [R] STRUCTURES TO BE REMOVED
- [C] STRUCTURES TO BE CLEANED

EXISTING PLAN



LEGEND

- (1001) STRUCTURE NUMBER
- (1001) GRATING FOR STRUCTURE
- (1001) PIPE NUMBER
- STORM SEWER
- CATCH BASIN
- MANHOLE
- FLARED END SECTION
- ~ HEADWALL
- PIPE UNDERDRAINS

NOTES

1. FOR STRUCTURE AND PIPE INFORMATION SEE DRAINAGE SCHEDULES, SHEETS 129, 130, 131, 132, AND 133.
 2. PROPOSED SEWER AND CULVERT CROSSING BENEATH THE EXISTING PAVEMENT SHALL BE CONSTRUCTED DURING PRE-STAGE PER THE STAGING AND TRAFFIC CONTROL PLANS. SEE ROADWAY PLANS FOR PATCHING DETAILS.
 3. SEE DISTRICT 1 DETAIL BD-7 FOR CONCRETE COLLAR DETAILS.

PROPOSED PLAN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
 WIDENING AND RESURFACING

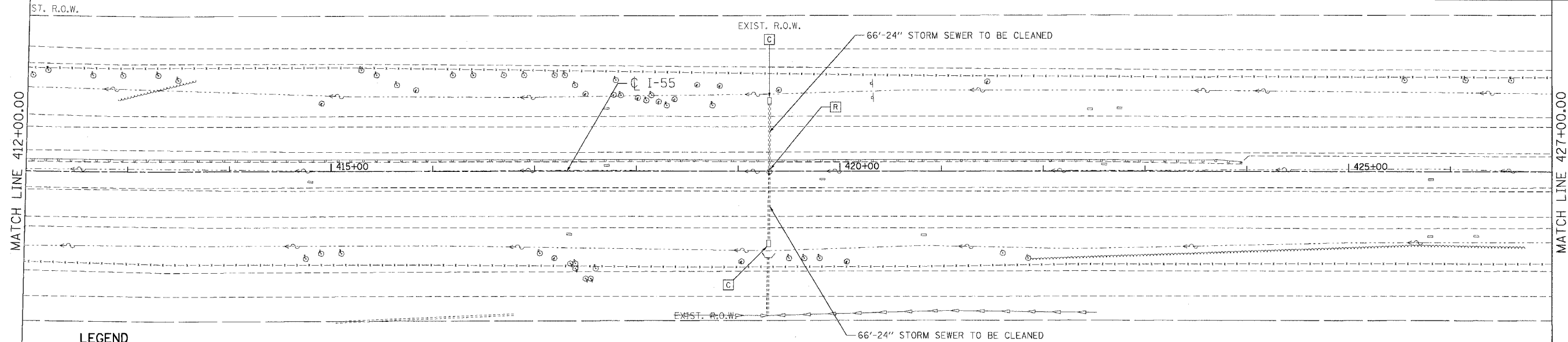
DRAINAGE AND UTILITY PLAN
FAI 55
STA. 402+65.07 TO STA. 412+00.00

SCALE: 1"=50'
 DATE 03/22/07
 DRAWN BY MRK
 CHECKED BY TKL

TENG TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

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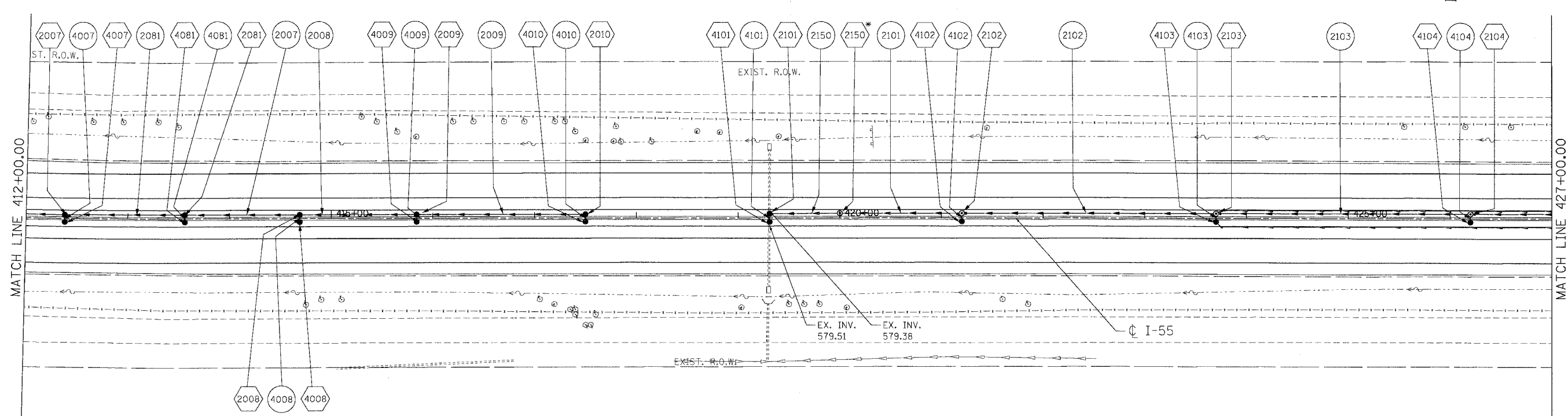
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL.	228	118
STA. TO STA.		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



LEGEND

- ////// PIPE REMOVAL
- [R] STRUCTURES TO BE REMOVED
- [C] STRUCTURES TO BE CLEANED

EXISTING PLAN



LEGEND

- (1001) STRUCTURE NUMBER
- (1001) GRATING FOR STRUCTURE
- (1001) PIPE NUMBER
- STORM SEWER
- CATCH BASIN
- MANHOLE
- ◄ FLARED END SECTION
- ⌒ HEADWALL
- PIPE UNDERDRAINS

NOTES

1. FOR STRUCTURE AND PIPE INFORMATION SEE DRAINAGE SCHEDULES, SHEETS 129, 130, 131, 132, AND 133.
2. PROPOSED SEWER AND CULVERT CROSSING BENEATH THE EXISTING PAVEMENT SHALL BE CONSTRUCTED DURING PRE-STAGE PER THE STAGING AND TRAFFIC CONTROL PLANS. SEE ROADWAY PLANS FOR PATCHING DETAILS.

(2150)* DRAINAGE STRUCTURE WITH RESTRICTOR. FOR DETAILS SEE SHEET 143.

PROPOSED PLAN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
 WIDENING AND RESURFACING

DRAINAGE AND UTILITY PLAN
FAI 55
STA. 412+00.00 TO STA. 427+00.00

SCALE: 1"=50'
 DATE 03/15/07
 DRAWN BY MRK
 CHECKED BY TKL

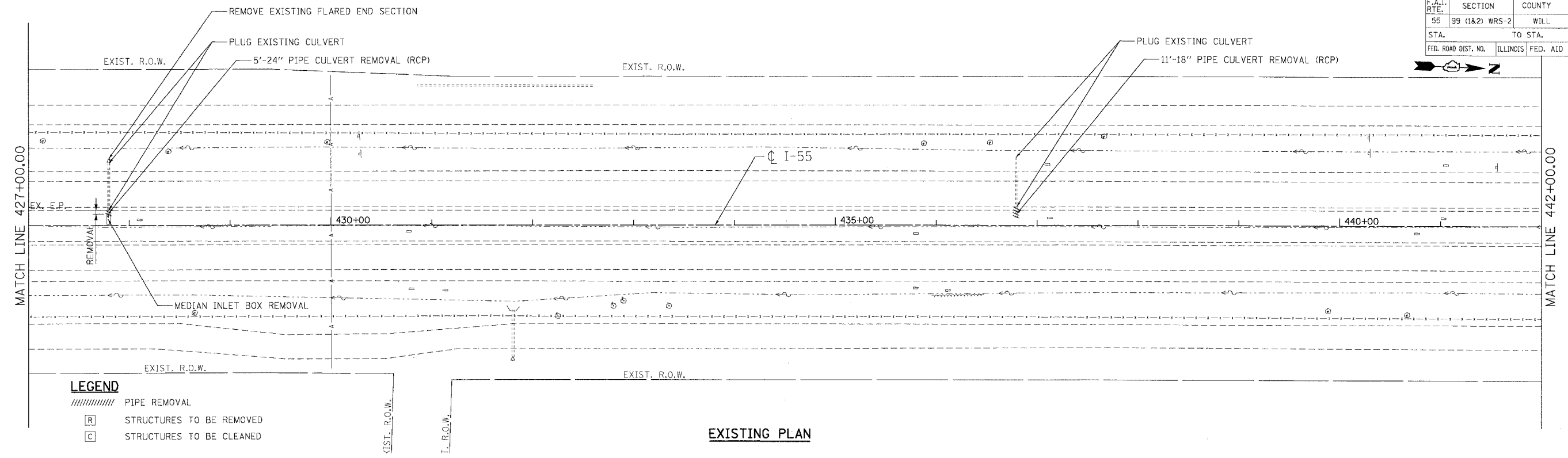
TENG
 TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

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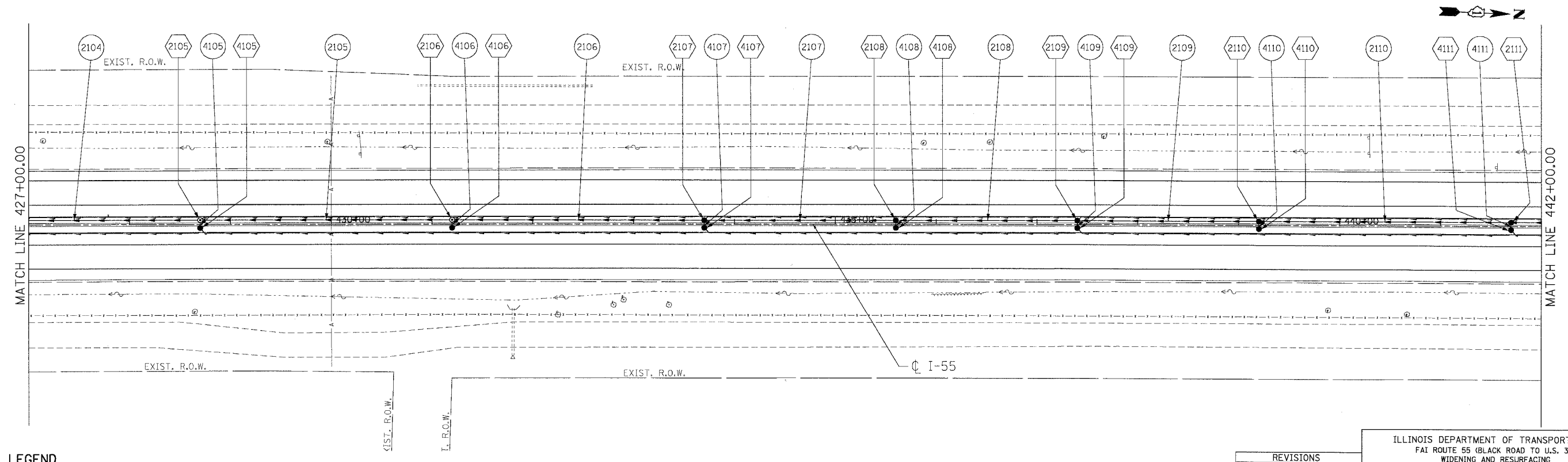
CONTRACT NO. 60B46

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL.	228	119
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



- LEGEND**
- ////// PIPE REMOVAL
 - [R] STRUCTURES TO BE REMOVED
 - [C] STRUCTURES TO BE CLEANED

EXISTING PLAN



- LEGEND**
- 1001 STRUCTURE NUMBER
 - GR GRATING FOR STRUCTURE
 - 1001 PIPE NUMBER
 - STORM SEWER
 - CATCH BASIN
 - MANHOLE
 - FLARED END SECTION
 - HEADWALL
 - PIPE UNDERDRAINS

NOTES

- FOR STRUCTURE AND PIPE INFORMATION SEE DRAINAGE SCHEDULES, SHEETS 129, 130, 131, 132, AND 133.
- PROPOSED SEWER AND CULVERT CROSSING BENEATH THE EXISTING PAVEMENT SHALL BE CONSTRUCTED DURING PRE-STAGE PER THE STAGING AND TRAFFIC CONTROL PLANS. SEE ROADWAY PLANS FOR PATCHING DETAILS.

PROPOSED PLAN

REVISIONS	
NAME	DATE

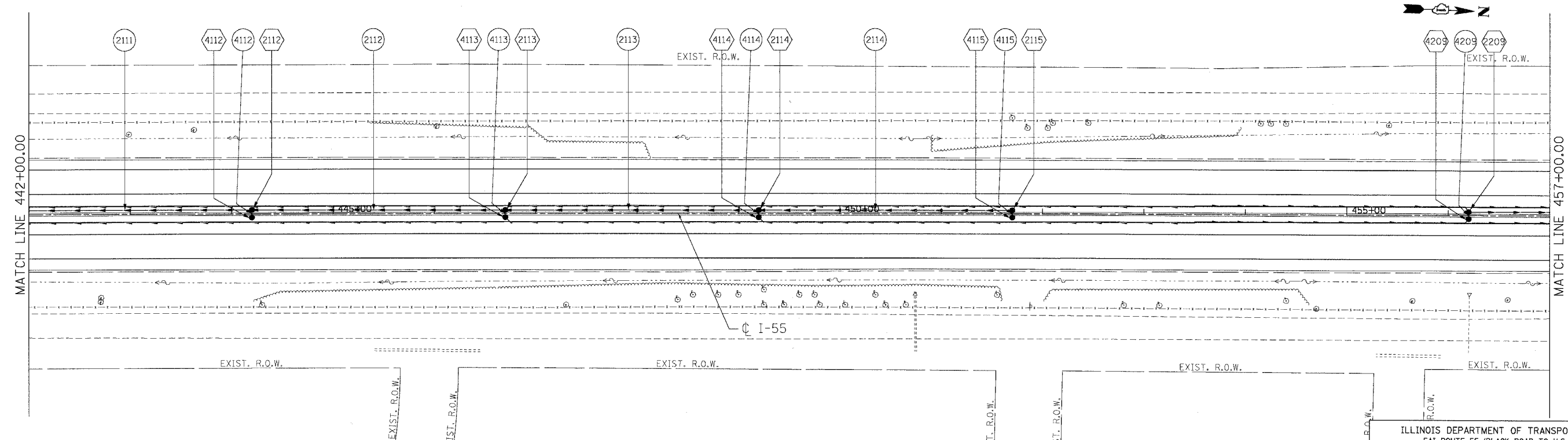
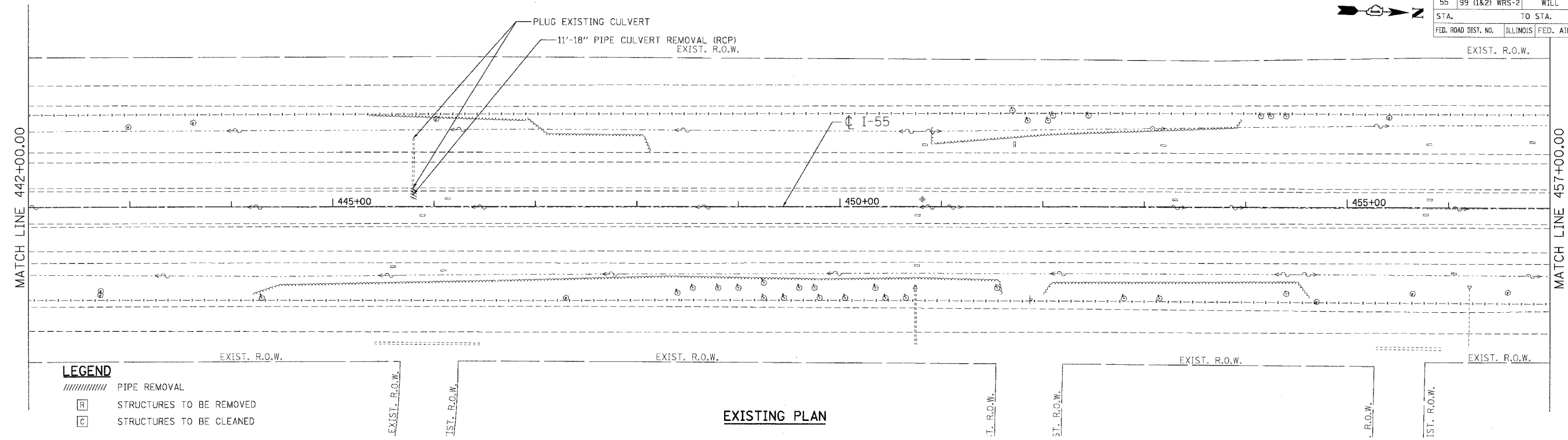
ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
 WIDENING AND RESURFACING

DRAINAGE AND UTILITY PLAN
FAI 55
STA. 427+00.00 TO STA. 442+00.00

SCALE: 1"=50' DRAWN BY MRK
 DATE 03/15/07 CHECKED BY TKL



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	120
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



NOTES

- FOR STRUCTURE AND PIPE INFORMATION SEE DRAINAGE SCHEDULES, SHEETS 129, 130, 131, 132, AND 133.
- PROPOSED SEWER AND CULVERT CROSSING BENEATH THE EXISTING PAVEMENT SHALL BE CONSTRUCTED DURING PRE-STAGE PER THE STAGING AND TRAFFIC CONTROL PLANS. SEE ROADWAY PLANS FOR PATCHING DETAILS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
 WIDENING AND RESURFACING

DRAINAGE AND UTILITY PLAN
FAI 55
STA. 442+00.00 TO STA. 457+00.00

SCALE: 1"=50'
 DATE: 03/15/07

DRAWN BY MRK
 CHECKED BY TKL

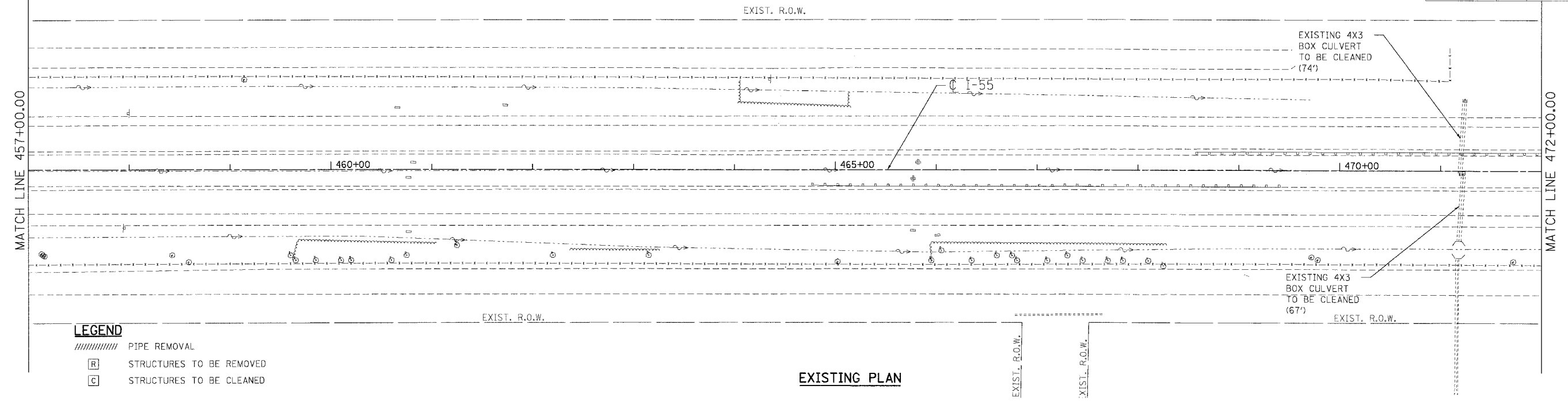
TENG
 TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

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 200 N. WASHINGTON ST., SUITE 200, CHICAGO, IL 60610
 TEL: 312.467.1000 FAX: 312.467.1001
 WWW.SANJAYKSHARMA.COM

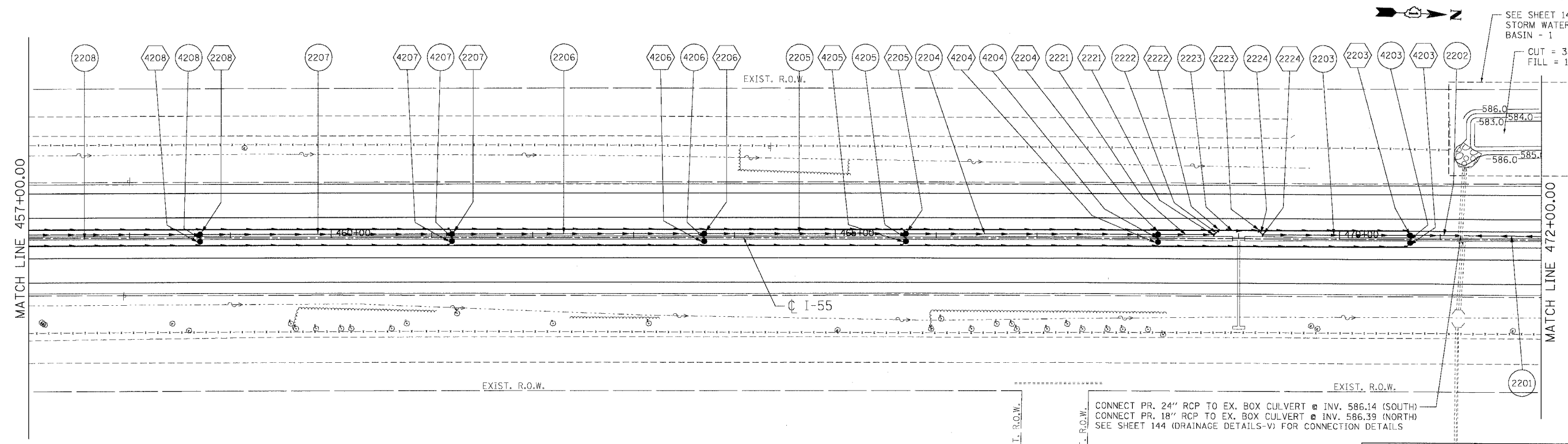
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CONTRACT NO. 60B46

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	121
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



EXISTING PLAN



PROPOSED PLAN

CONNECT PR. 24" RCP TO EX. BOX CULVERT @ INV. 586.14 (SOUTH)
 CONNECT PR. 18" RCP TO EX. BOX CULVERT @ INV. 586.39 (NORTH)
 SEE SHEET 144 (DRAINAGE DETAILS-V) FOR CONNECTION DETAILS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
 WIDENING AND RESURFACING

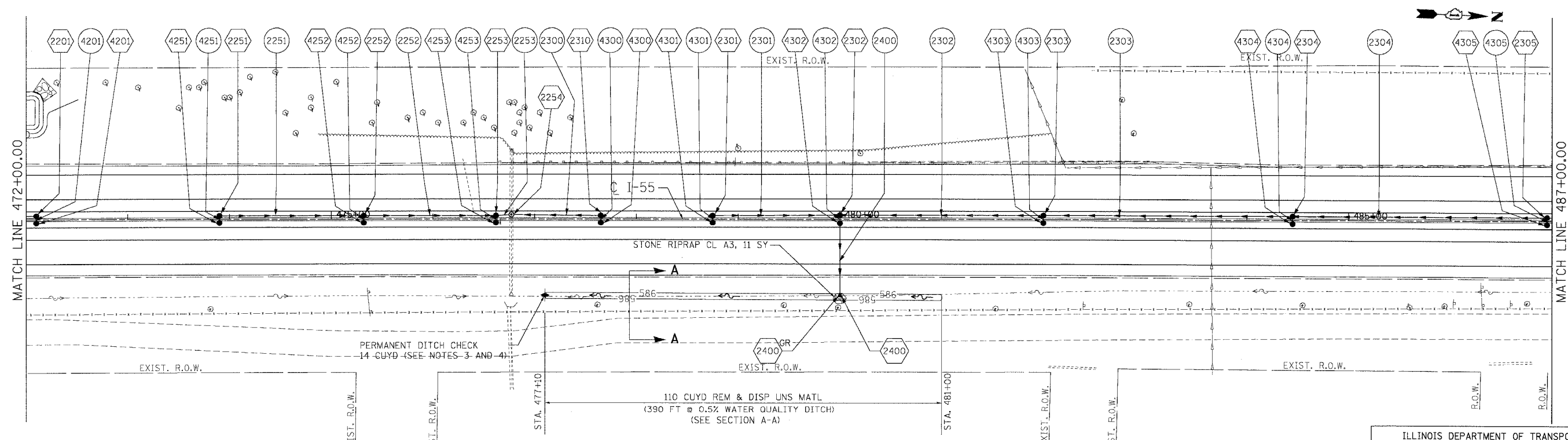
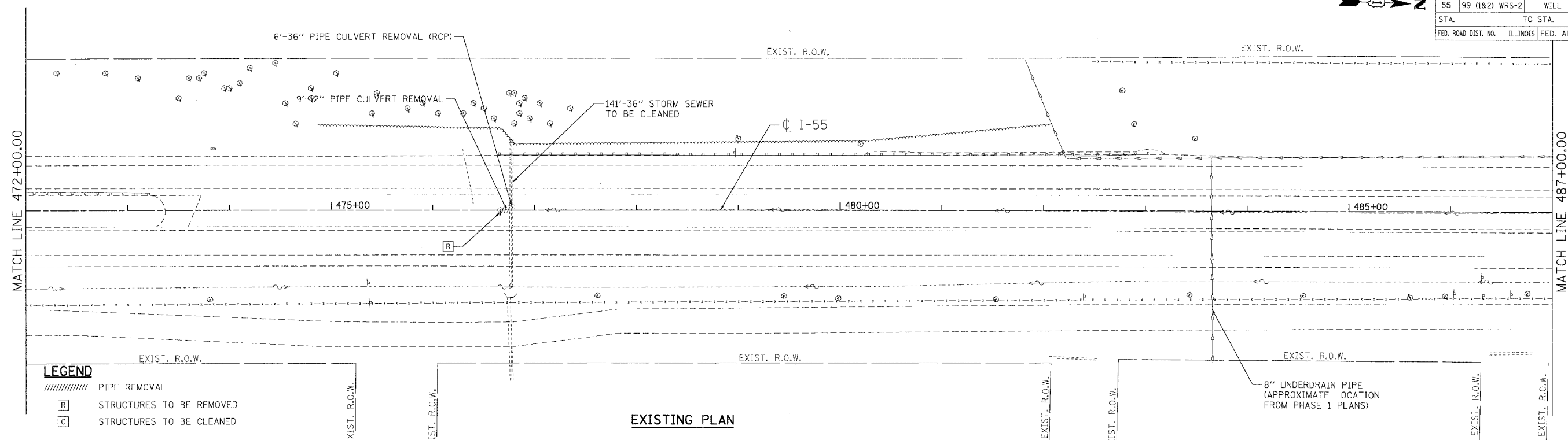
DRAINAGE AND UTILITY PLAN
FAI 55
STA. 457+00.00 TO STA. 472+00.00

SCALE: 1"=50'
 DATE 03/15/07

DRAWN BY MRK
 CHECKED BY TKL

TENG
 TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) WRS-2	WILL	228	122
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



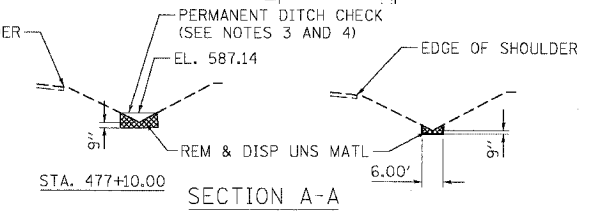
LEGEND

(1001) STRUCTURE NUMBER	● CATCH BASIN
(1001) GR GRATING FOR STRUCTURE	○ MANHOLE
(1001) PIPE NUMBER	▲ FLARED END SECTION
→ STORM SEWER	⌋ HEADWALL
	— PIPE UNDERDRAINS

NOTES

1. FOR STRUCTURE AND PIPE INFORMATION SEE DRAINAGE SCHEDULES, SHEETS 129, 130, 131, 132, AND 133.
2. PROPOSED SEWER AND CULVERT CROSSING BENEATH THE EXISTING PAVEMENT SHALL BE CONSTRUCTED DURING PRE-STAGE PER THE STAGING AND TRAFFIC CONTROL PLANS. SEE ROADWAY PLANS FOR PATCHING DETAILS.
3. THE COST OF PERMANENT DITCH CHECK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER CU YD FOR EARTH EXCAVATION.
4. THE CONSTRUCTION WILL FOLLOW THE "EMBANKMENT" REQUIREMENTS, AS SPECIFIED IN SECTION 205 OF THE STANDARD SPECIFICATIONS.

PROPOSED PLAN



REVISIONS

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
 WIDENING AND RESURFACING

DRAINAGE AND UTILITY PLAN
 FAI 55
 STA. 472+00.00 TO STA. 487+00.00

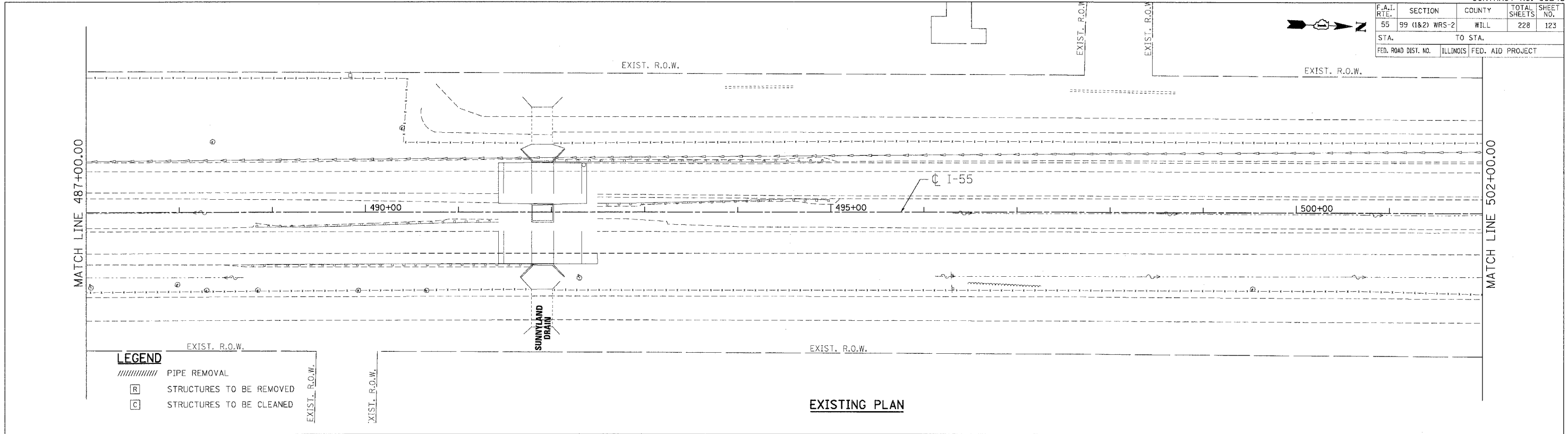
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 CHECKED BY TKL

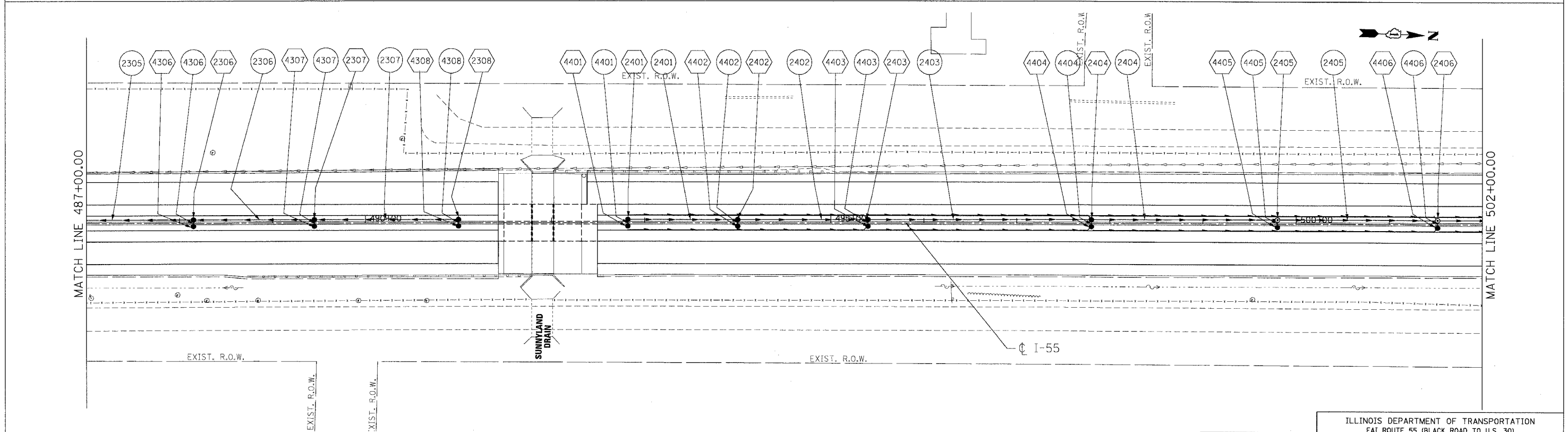
TENG
 TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

PLT DATE = 03/15/07
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 LAYER NAME = #LAYER#

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	123
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



EXISTING PLAN



PROPOSED PLAN

LEGEND

----- PIPE REMOVAL

[R] STRUCTURES TO BE REMOVED

[C] STRUCTURES TO BE CLEANED

LEGEND

○1001 STRUCTURE NUMBER

○1001^{GR} GRATING FOR STRUCTURE

○1001 PIPE NUMBER

→ STORM SEWER

● CATCH BASIN

⊙ MANHOLE

▲ FLARED END SECTION

⌋ HEADWALL

— PIPE UNDERDRAINS

NOTES

1. FOR STRUCTURE AND PIPE INFORMATION SEE DRAINAGE SCHEDULES, SHEETS 129, 130, 131, 132, AND 133.

2. PROPOSED SEWER AND CULVERT CROSSING BENEATH THE EXISTING PAVEMENT SHALL BE CONSTRUCTED DURING PRE-STAGE PER THE STAGING AND TRAFFIC CONTROL PLANS. SEE ROADWAY PLANS FOR PATCHING DETAILS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
 WIDENING AND RESURFACING

DRAINAGE AND UTILITY PLAN
FAI 55
STA. 487+00.00 TO STA. 502+00.00

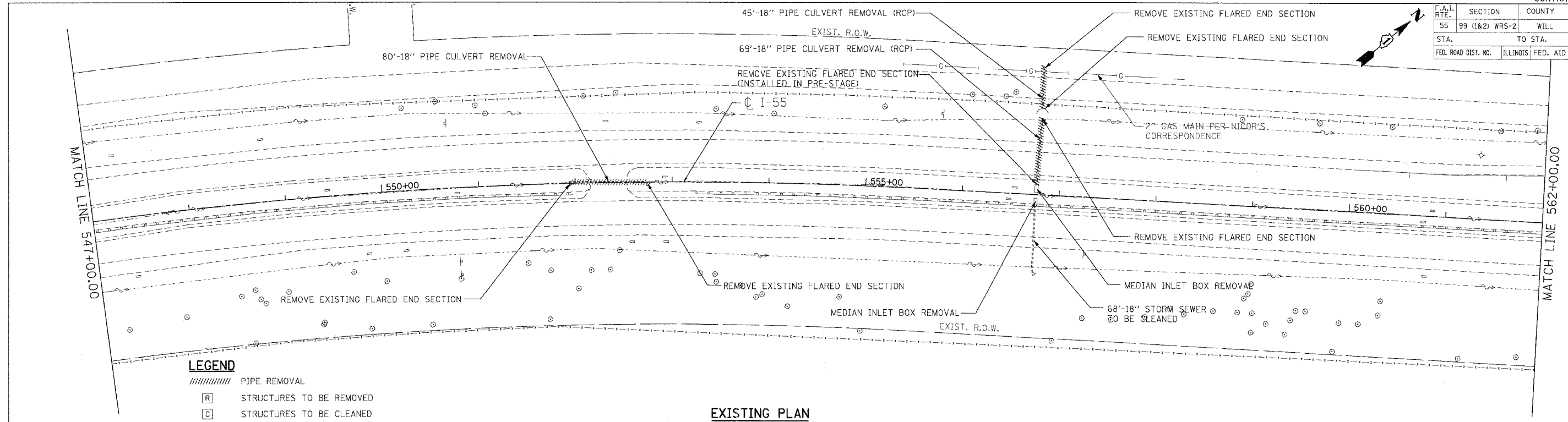
SCALE: 1"=50'
 DATE: 03/15/07
 DRAWN BY: MRK
 CHECKED BY: TKL

TENG
 TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

PLOT DATE = 04/16/07
 PLOT SCALE = 1"=50'
 USER NAME = RUSEBA

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F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	127
STA.	TO STA.			
	ILLINOIS		FED. AID PROJECT	



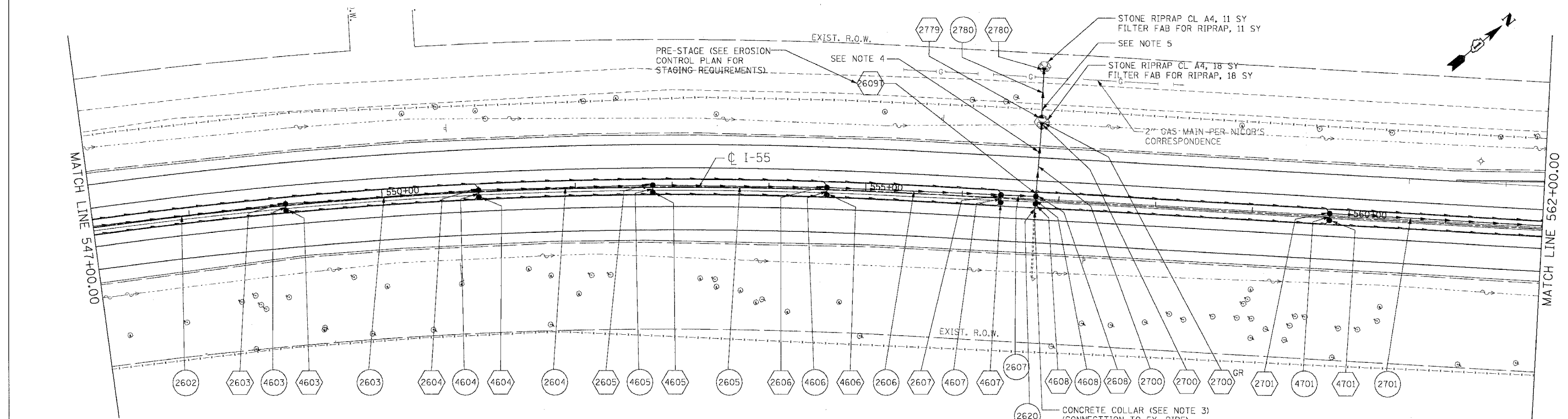
LEGEND

////// PIPE REMOVAL

[R] STRUCTURES TO BE REMOVED

[C] STRUCTURES TO BE CLEANED

EXISTING PLAN



LEGEND

(100) STRUCTURE NUMBER

(100) GR GRATING FOR STRUCTURE

(100) PIPE NUMBER

→ STORM SEWER

● CATCH BASIN

○ MANHOLE

▲ FLARED END SECTION

⌋ HEADWALL

— PIPE UNDERDRAINS

NOTES

1. FOR STRUCTURE AND PIPE INFORMATION SEE DRAINAGE SCHEDULES, SHEETS 129, 130, 131, 132, AND 133.

2. PROPOSED SEWER AND CULVERT CROSSING BENEATH THE EXISTING PAVEMENT SHALL BE CONSTRUCTED DURING PRE-STAGE PER THE STAGING AND TRAFFIC CONTROL PLANS. SEE ROADWAY PLANS FOR PATCHING DETAILS.

3. SEE DISTRICT 1 DETAIL BD-7 FOR CONCRETE COLLAR DETAILS.
4. STORM SEWER LATERALS SHALL BE INSTALLED PER THE STAGING AND TRAFFIC CONTROL TYPICAL SECTIONS FOR PRE-STAGE (SEE SHEET 83). THE CONTRACTOR SHALL BEGIN CONSTRUCTION OF THIS STORM SEWER LATERAL WHEN PRECIPITATION IS NOT INCLUDED IN THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION'S NATIONAL WEATHER SERVICE FORECAST FOR THE 48 HOUR PERIOD FOLLOWING THE START OF CONSTRUCTION OF THIS STORM SEWER LATERAL ([HTTP://WWW.NWS.NOAA.GOV](http://www.nws.noaa.gov)). PRE-STAGE, PHASE II SHALL BE COMPLETED WITHIN 36 HOURS OF COMPLETING PRE-STAGE, PHASE I FOR THIS STORM SEWER LATERAL.
5. THE CONTRACTOR SHALL REMOVE AND RESTORE THE FENCE WHERE NECESSARY AT THE PROPOSED STORM SEWER TO THE SATISFACTION OF THE ENGINEER AND THE COST SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR STORM SEWER OF TYPE, SIZE AND CLASS SPECIFIED.

PROPOSED PLAN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
 WIDENING AND RESURFACING

DRAINAGE AND UTILITY PLAN
FAI 55
STA. 547+00.00 TO STA. 562+00.00

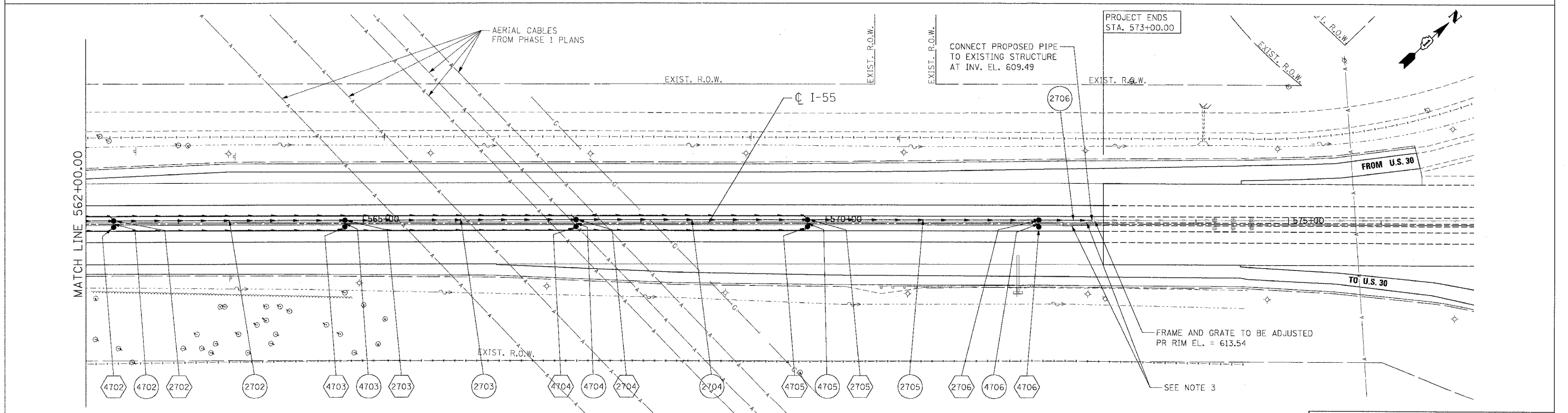
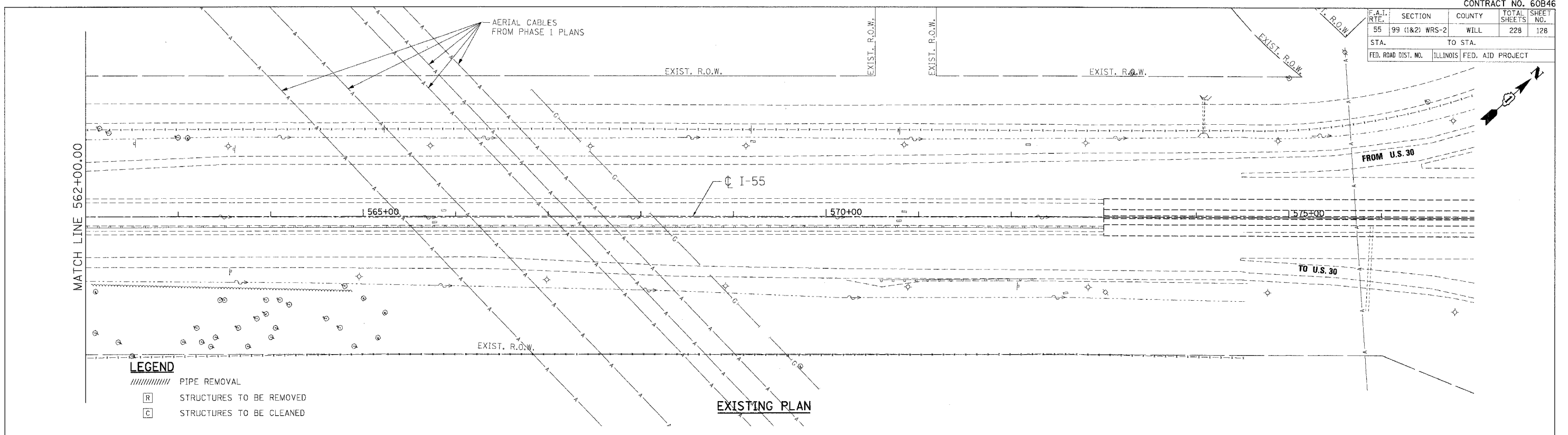
SCALE: 1"=50'
 DATE 03/15/07
 DRAWN BY MRK
 CHECKED BY TKL

TENG TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

PLOT DATE: 03/15/07
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 USER NAME: MRK

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CONTRACT NO. 60846				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	128
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
 WIDENING AND RESURFACING

DRAINAGE AND UTILITY PLAN
FAI 55
STA. 562+00.00 TO STA. 573+00.00

SCALE: 1"=50'
 DATE: 03/15/07

DRAWN BY: MRK
 CHECKED BY: TKL

TENG
 TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

Table with 5 columns: F.A.I. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO.

Main table with columns: STRUCTURE NO., STRUCTURE DESCRIPTION, CENTERLINE (STATION, OFFSET, DIR.), INVERTS (NORTH, SOUTH, EAST, WEST), PIPE CONNECTIONS (Pipe No. - Pipe Size), PROPOSED RIM ELEVATION, SHEET NO., SC INLET FILTER, UNDERDRAIN CONNECTION, STRUCTURE TOP SLAB, TOP SLAB* CONFLICT.

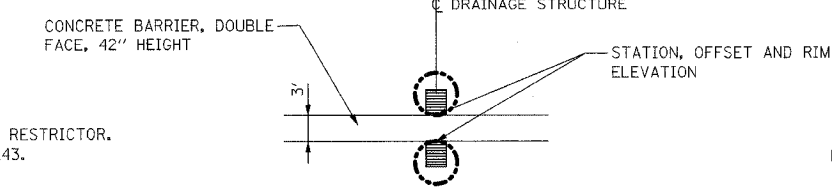
* FOR THE STRUCTURES INDICATED, IT IS ANTICIPATED THAT THE TOP SLAB OF THE STRUCTURE WILL EXTEND UP INTO THE PROPOSED BARRIER BASE AND SHOULDER PAVEMENT AS SHOWN ON SHEET 142.

LEGEND

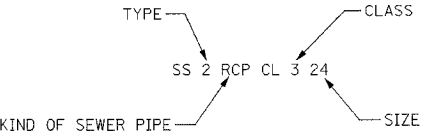
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EP - EXISTING PIPE
+ - DRAINAGE STRUCTURE WITH RESTRICTOR. FOR DETAILS, SEE SHEET 143.

NOTE:

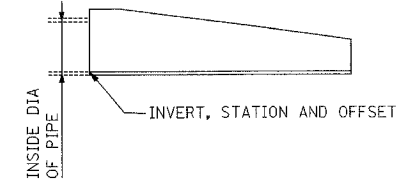
THE PROPOSED ELBOWS (REINFORCED CONCRETE PIPE ELBOWS) ARE DESIGNED AS A 45 DEGREE ELBOW.



DRAINAGE STRUCTURE NOTATION AT CONCRETE BARRIER



STORM SEWER OR PIPE CULVERT NOTATION



HEADWALL OR END SECTION NOTATION

Table with 2 columns: REVISIONS, DATE. Includes a table for recording changes to the drawing.

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. 30) WIDENING AND RESURFACING
DRAINAGE SCHEDULE - I PROPOSED STRUCTURES
SCALE: DATE 03/22/07 DRAWN BY SN CHECKED BY TKL
TENG ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS

Plot date = 04/05/07
File name = 041514
Plot scale = 1/4" = 10'
User name = 4058R

Table with columns: F.A.I. RTE., SECTION, COUNTY, WILL, TOTAL SHEETS, SHEET NO., STA., TO STA., FED. ROAD DIST. NO., ILLINOIS, FED. AID PROJECT.

Main table with columns: STRUCTURE NO., STRUCTURE DESCRIPTION, CENTERLINE (STATION, OFFSET, DIR.), INVERTS (NORTH, SOUTH, EAST, WEST), PIPE CONNECTIONS (Pipe No. - Pipe Size), PROPOSED RIM ELEVATION, SHEET NO., SC INLET FILTER, UNDERDRAIN CONNECTION, STRUCTURE TOP SLAB, TOP SLAB* CONFLICT.

LEGEND

- ES - EXISTING STRUCTURE
EP - EXISTING PIPE
+ - DRAINAGE STRUCTURE WITH RESTRICTOR. FOR DETAILS, SEE SHEET 143.

NOTE:

THE PROPOSED ELBOWS (REINFORCED CONCRETE PIPE ELBOWS) ARE DESIGNED AS A 45 DEGREE ELBOW.

* FOR THE STRUCTURES INDICATED, IT IS ANTICIPATED THAT THE TOP SLAB OF THE STRUCTURE WILL EXTEND UP INTO THE PROPOSED BARRIER BASE AND SHOULDER PAVEMENT AS SHOWN ON SHEET 142.

REVISIONS table with columns: NAME, DATE.

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
WIDENING AND RESURFACING
DRAINAGE SCHEDULE - II
PROPOSED STRUCTURES
SCALE:
DATE: 03/22/07
DRAWN BY: SN
CHECKED BY: TKL
TENG ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

FILED DATE: 3-22-2007 1:48:28
PLOT STYLE: ARCTIC
USER NAME: TENG

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	134
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

LEGEND

- L - LENGTH OF PIPE
- S - SLOPE OF PIPE
- SS-1000 - PIPE NUMBER
- DS-1000 - STRUCTURE NUMBER

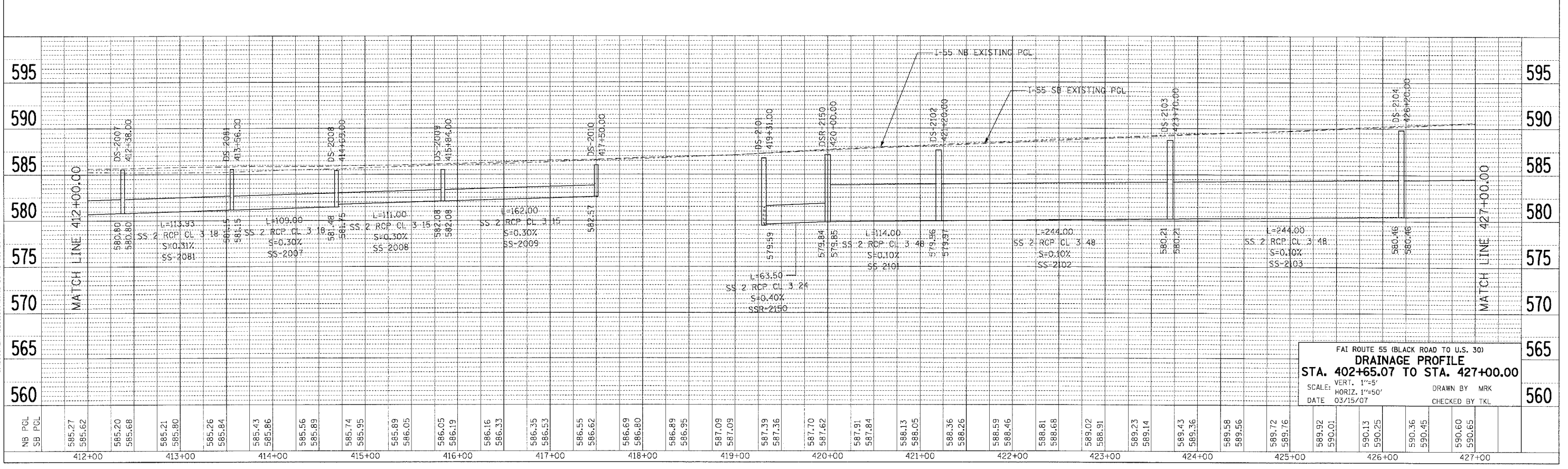
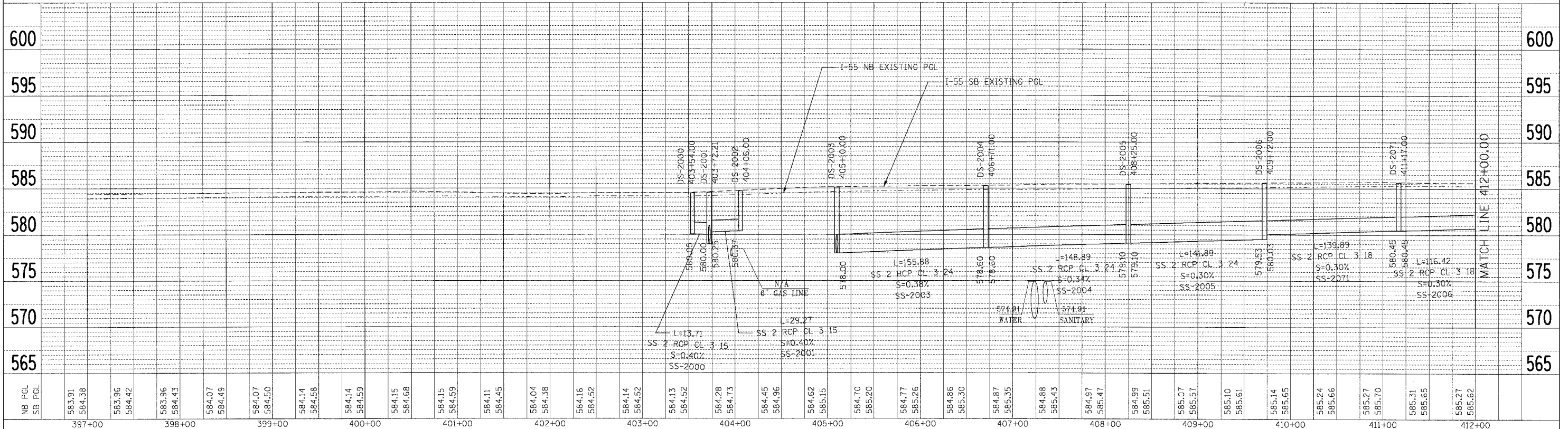
NOTES:

1. FOR STRUCTURE AND PIPE INFORMATION, SEE DRAINAGE SCHEDULES, SHEETS 129, 130, 131, 132 AND 133.

PLAN	SUPPRESSED	BY	DATE
ROUTED	BY		
NOTE BOOK	NO.		

PROFILE	SUPPRESSED	BY	DATE
ROUTED	BY		
NOTE BOOK	NO.		

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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	135
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

LEGEND

- L - LENGTH OF PIPE
- S - SLOPE OF PIPE
- SS-1000 - PIPE NUMBER
- DS-1000 - STRUCTURE NUMBER

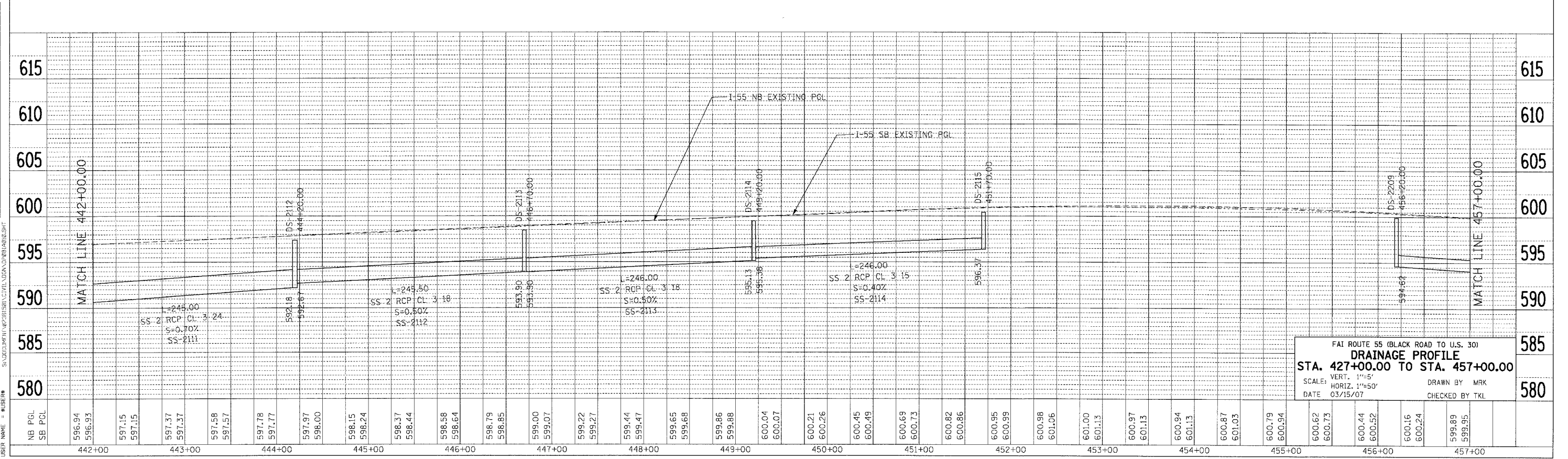
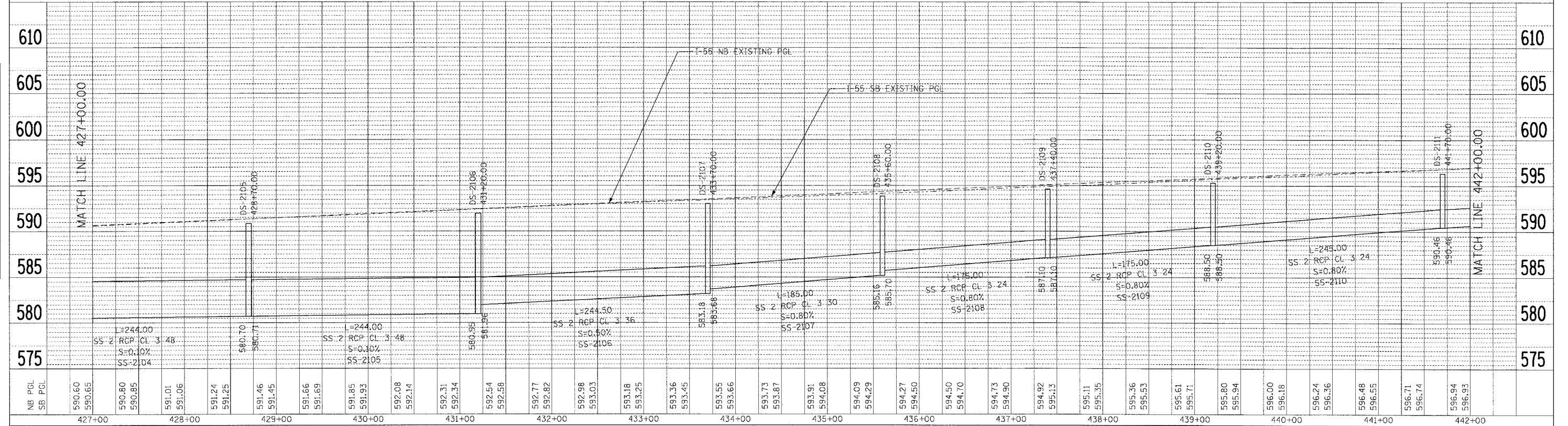
NOTES:

1. FOR STRUCTURE AND PIPE INFORMATION, SEE DRAINAGE SCHEDULES, SHEETS 129, 130, 131, 132 AND 133.

PLAN	DATE
REVISED	BY
DATE	BY
DATE	BY
DATE	BY

PROFILE	DATE
REVISED	BY
DATE	BY
DATE	BY
DATE	BY

PLOT DATE = 03/15/07
 FILE NAME = 60B46.DWG
 PLOT SCALE = 1"=50'
 USER NAME = TJK



FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
DRAINAGE PROFILE
 STA. 427+00.00 TO STA. 457+00.00
 SCALE: VERT. 1"=5'
 DATE 03/15/07
 DRAWN BY MRK
 CHECKED BY TKL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL.	228	136
STA. TO STA.		FED. AID PROJECT		

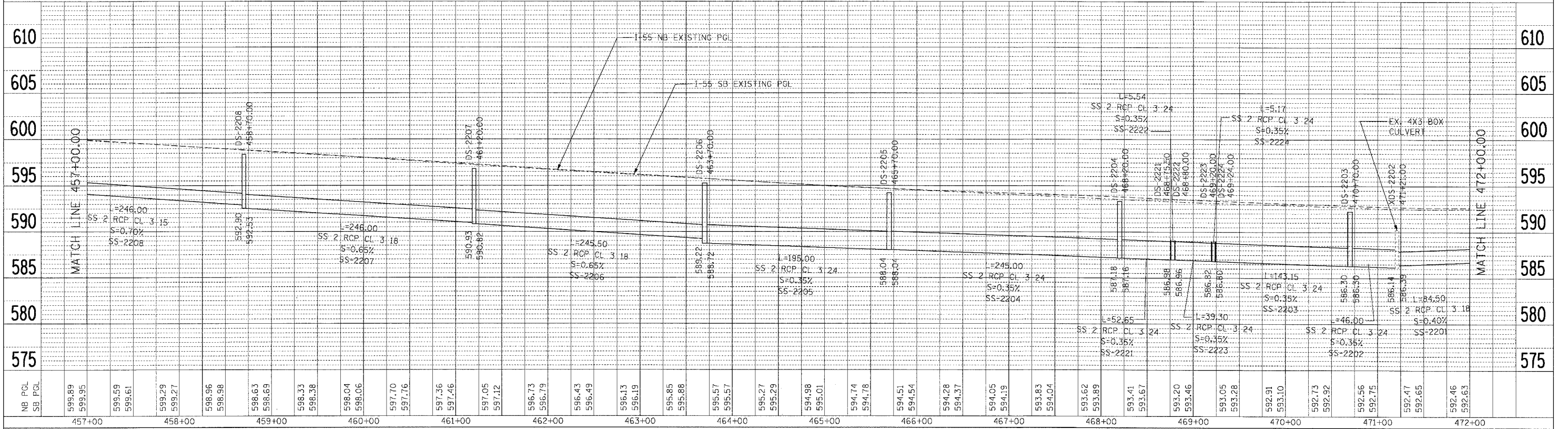
LEGEND

- L - LENGTH OF PIPE
- S - SLOPE OF PIPE
- SS-1000 - PIPE NUMBER
- DS-1000 - STRUCTURE NUMBER

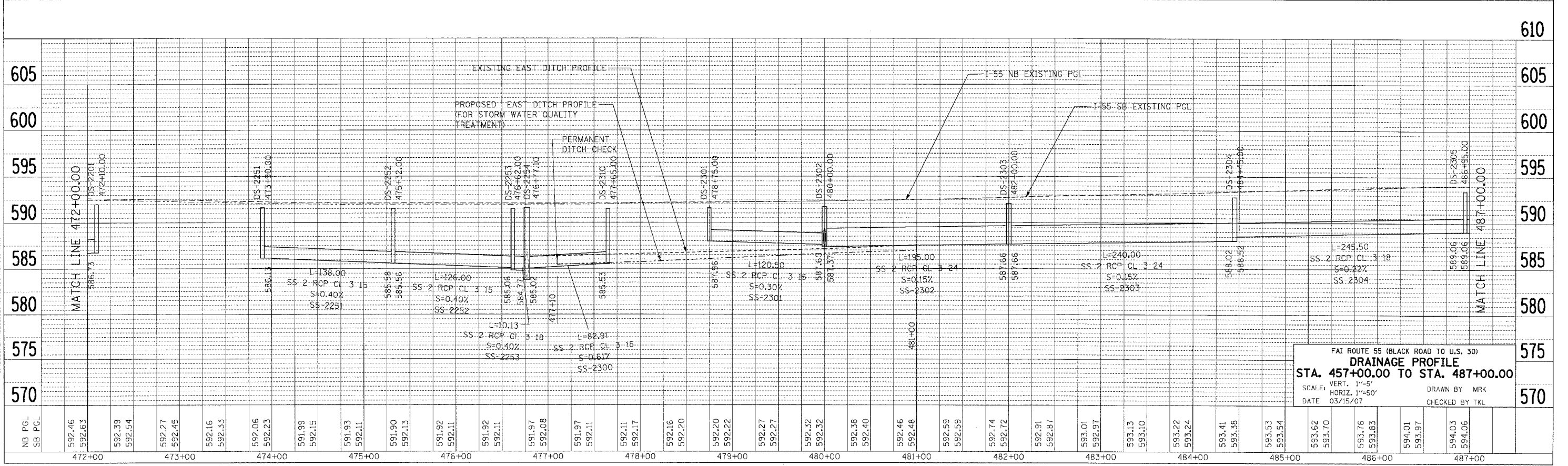
NOTES:

1. FOR STRUCTURE AND PIPE INFORMATION, SEE DRAINAGE SCHEDULES, SHEETS 129, 130, 131, 132 AND 133.

PLAN	REVIEWED	DATE
NO.	BY	
DRAWN BY		
CHECKED BY		
DATE		



PROFILE	REVIEWED	DATE
NO.	BY	
DRAWN BY		
CHECKED BY		
DATE		



FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
DRAINAGE PROFILE
 STA. 457+00.00 TO STA. 487+00.00
 SCALE: VERT. 1"=5'
 HORIZ. 1"=50'
 DATE 03/15/07
 DRAWN BY MRK
 CHECKED BY TKL

PLOT DATE: 04/08/07
 FILE NAME: 60B46.DWG
 PLOT SCALE: 1"=50'
 USER NAME: SUSER

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL.	228	137
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

LEGEND

L - LENGTH OF PIPE
 S - SLOPE OF PIPE
 SS-1000 - PIPE NUMBER
 DS-1000 - STRUCTURE NUMBER

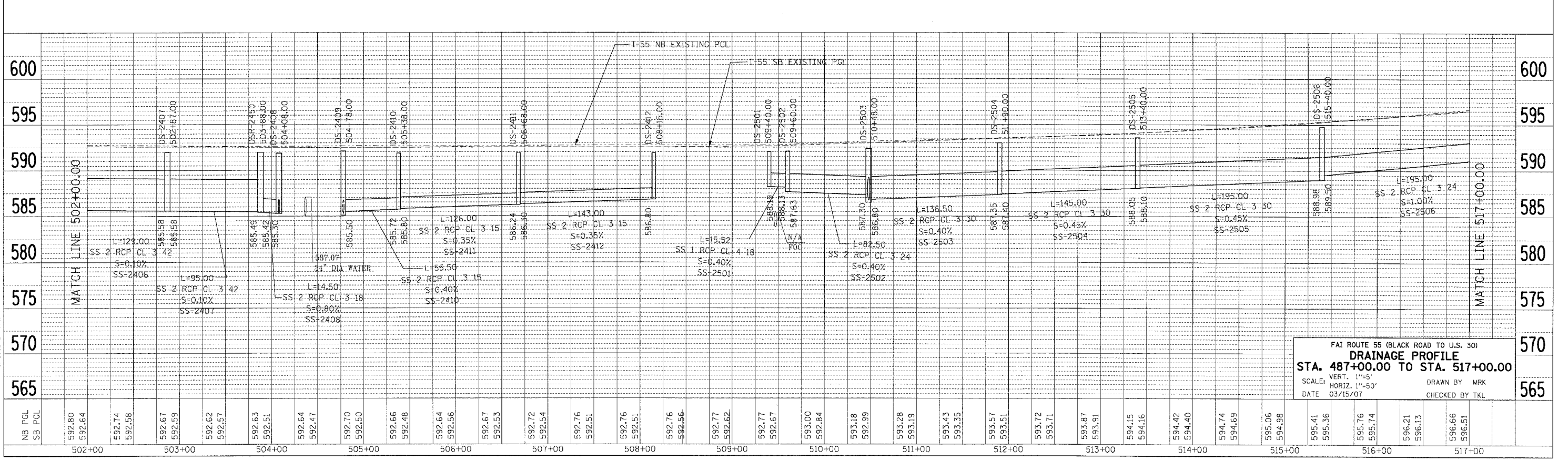
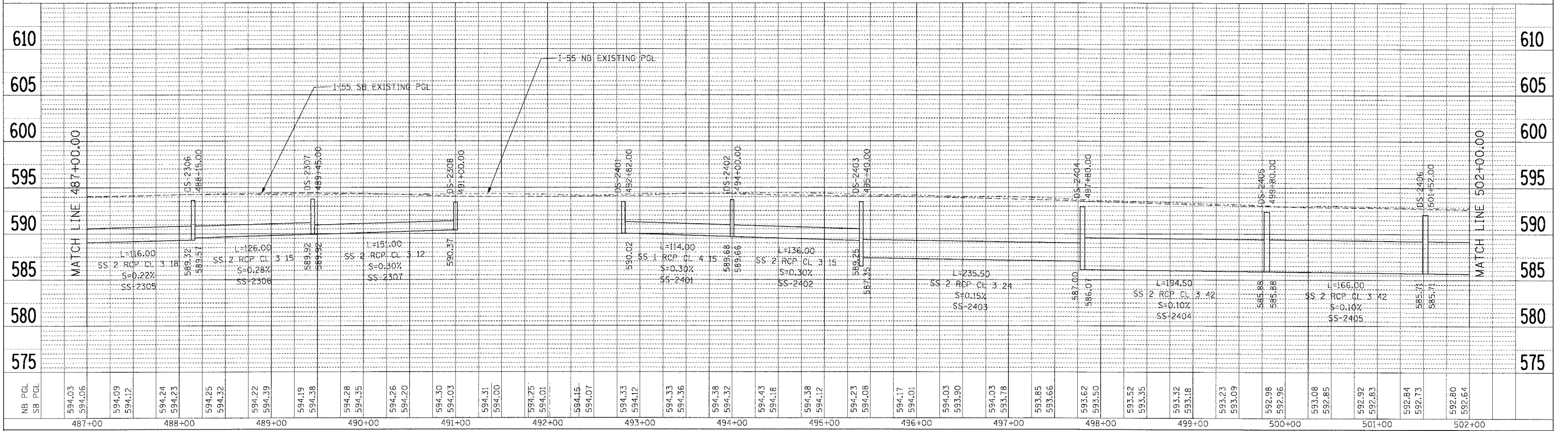
NOTES:

1. FOR STRUCTURE AND PIPE INFORMATION, SEE DRAINAGE SCHEDULES, SHEETS 129, 130, 131, 132 AND 133.

PLAN	DATE	BY
APPROVED		
NOTED		
NOTED		
NOTED		

PROFILE	DATE	BY
APPROVED		
NOTED		
NOTED		
NOTED		

3-15-2007 12:16:30 GARCIAZ
 S:\PROJECTS\122887\122887.DWG\UPR01R012.DWG



FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
DRAINAGE PROFILE
STA. 487+00.00 TO STA. 517+00.00
 SCALE: VERT. 1"=5'
 HORIZ. 1"=50'
 DATE 03/15/07
 DRAWN BY MRK
 CHECKED BY TKL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	138
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

LEGEND

- L - LENGTH OF PIPE
- S - SLOPE OF PIPE
- SS-1000 - PIPE NUMBER
- DS-1000 - STRUCTURE NUMBER

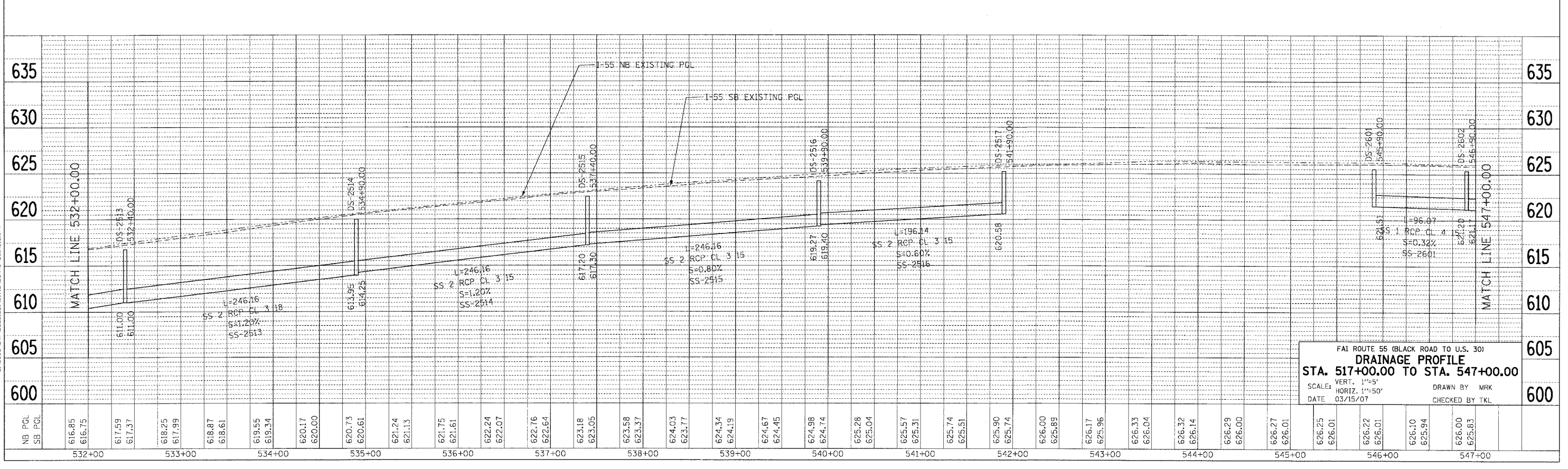
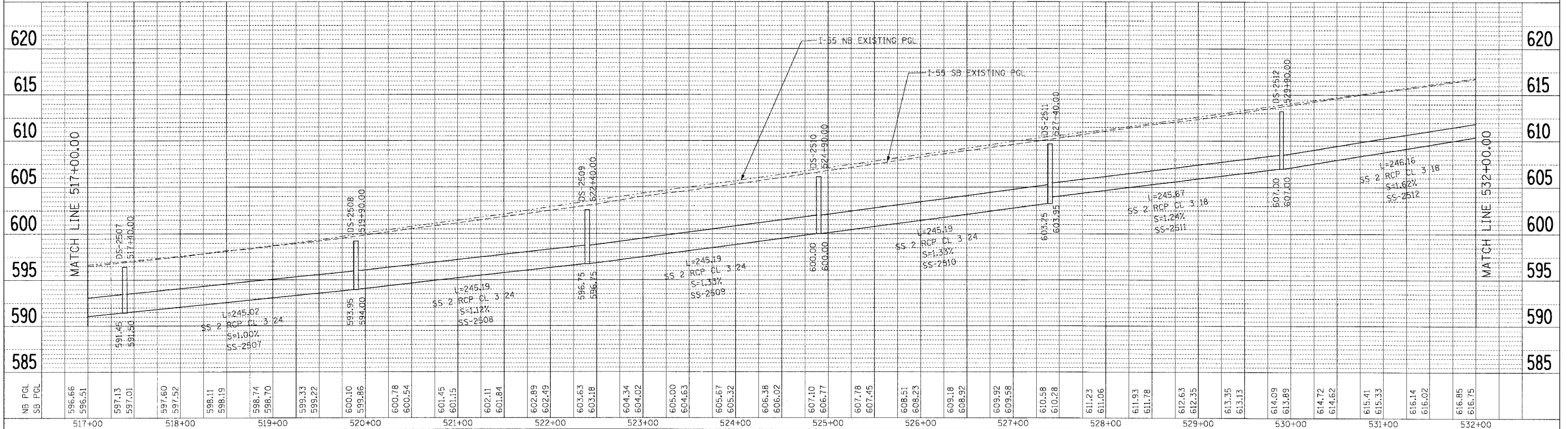
NOTES:

1. FOR STRUCTURE AND PIPE INFORMATION, SEE DRAINAGE SCHEDULES, SHEETS 129, 130, 131, 132 AND 133.

PLAN	DATE
BY	
NO.	
NO.	
NO.	

PROFILE	DATE
BY	
NO.	
NO.	
NO.	

PLOT DATE = 03/15/07
 FILE NAME = 60B46.DWG
 PLOT SCALE = 1"=50'
 USER NAME = BUSENB
 3-15-2007 12:48:39 GARCIAZ
 SANDOCUMENT023818BAC:\VTL\DRN\DP2818A03.DWG



FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
DRAINAGE PROFILE
STA. 517+00.00 TO STA. 547+00.00
 SCALE: VERT. 1"=5'
 HORIZ. 1"=50'
 DATE 03/15/07
 DRAWN BY MRK
 CHECKED BY TKL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	139
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

LEGEND

L - LENGTH OF PIPE
 S - SLOPE OF PIPE
 SS-1000 - PIPE NUMBER
 DS-1000 - STRUCTURE NUMBER

NOTES:

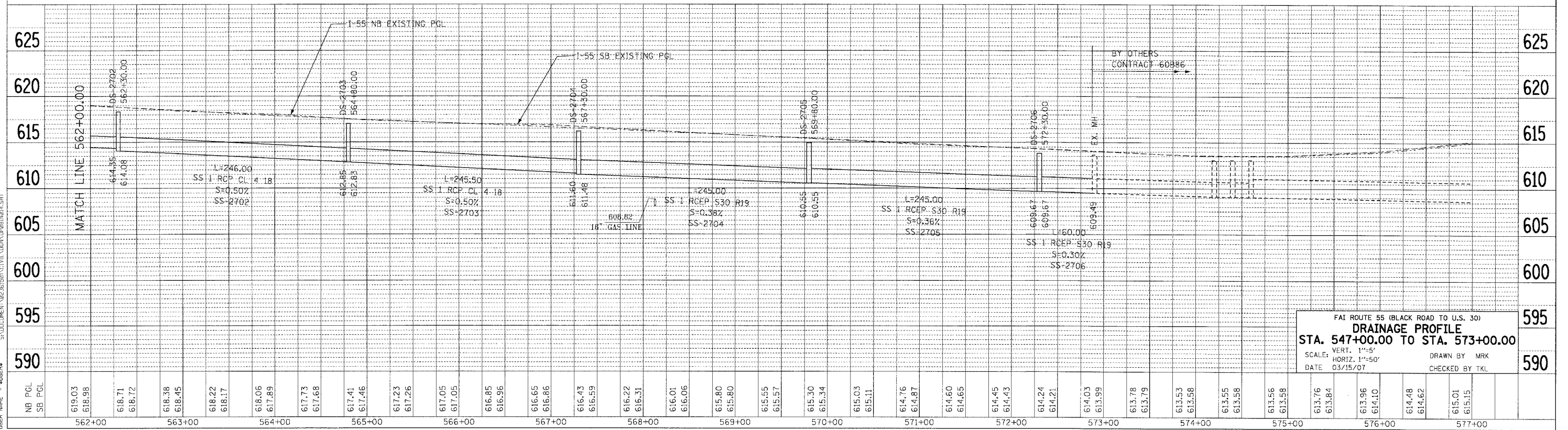
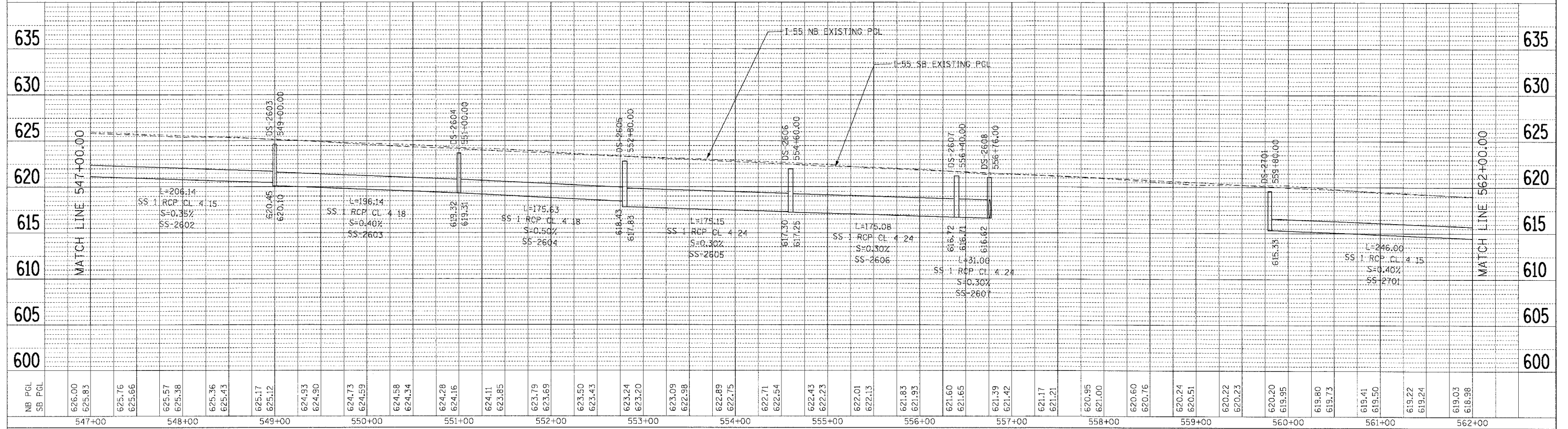
1. FOR STRUCTURE AND PIPE INFORMATION, SEE DRAINAGE SCHEDULES, SHEETS 129, 130, 131, 132 AND 133.

PLAN

SURVEYED	BY	DATE
ALIGNED		
CHECKED		
NOTE BOOK NO.		
NO. OF WAYS CHECKED		
DATE FILE NAME		

PROFILE

SURVEYED	BY	DATE
GRADES CHECKED		
NOTE BOOK NO.		
NO. OF WAYS CHECKED		
DATE FILE NAME		

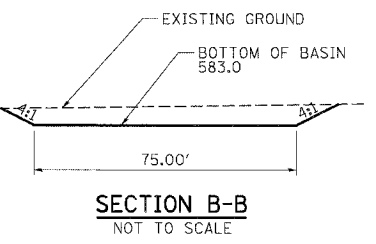
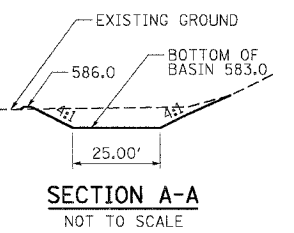
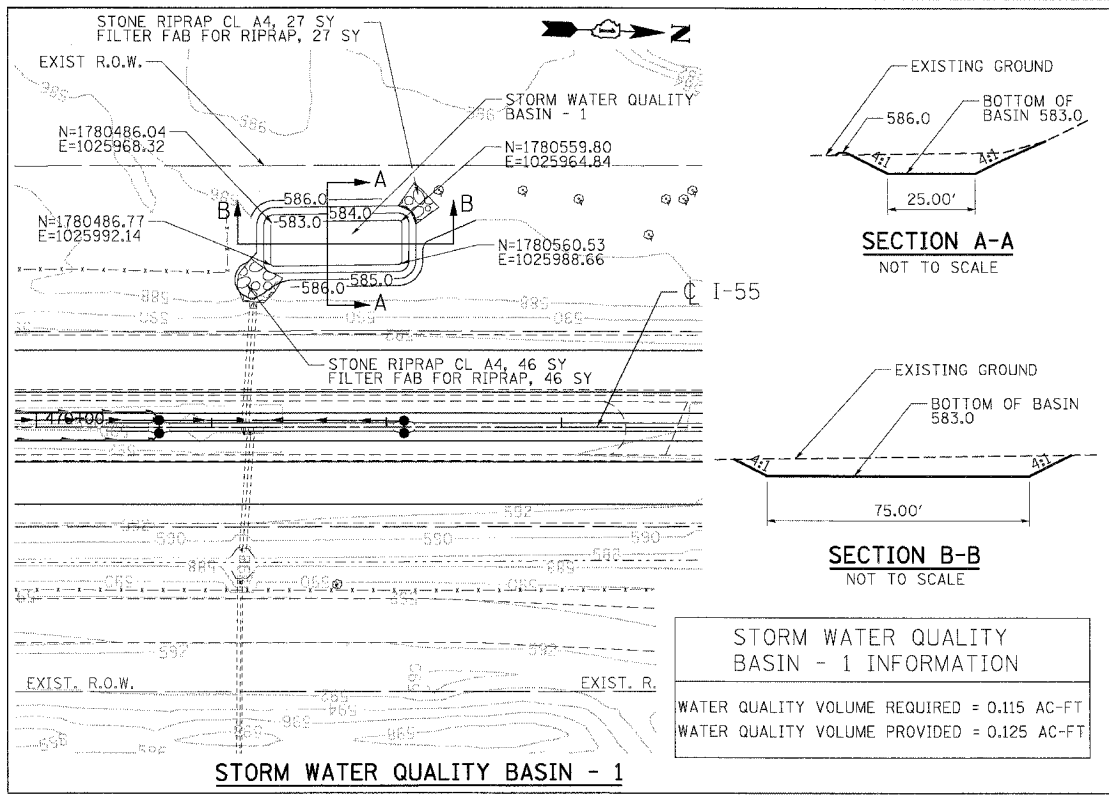


FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
DRAINAGE PROFILE
 STA. 547+00.00 TO STA. 573+00.00
 SCALE: VERT. 1"=5'
 HORIZ. 1"=50'
 DATE 03/15/07
 DRAWN BY MRK
 CHECKED BY TKL

PLOT DATE = 04/01/07
 FILE NAME = 041507.DWG
 PLOT SCALE = 1"=50'
 USER NAME = RUDINE

3-15-2007, 2:16:49 PM
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	140
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



STORM WATER QUALITY BASIN - 1 INFORMATION

WATER QUALITY VOLUME REQUIRED = 0.115 AC-FT

WATER QUALITY VOLUME PROVIDED = 0.125 AC-FT

PLT DATE * #DATE*
FILE NAME * #FILE#*
USER NAME * #USER#

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
WIDENING AND RESURFACING

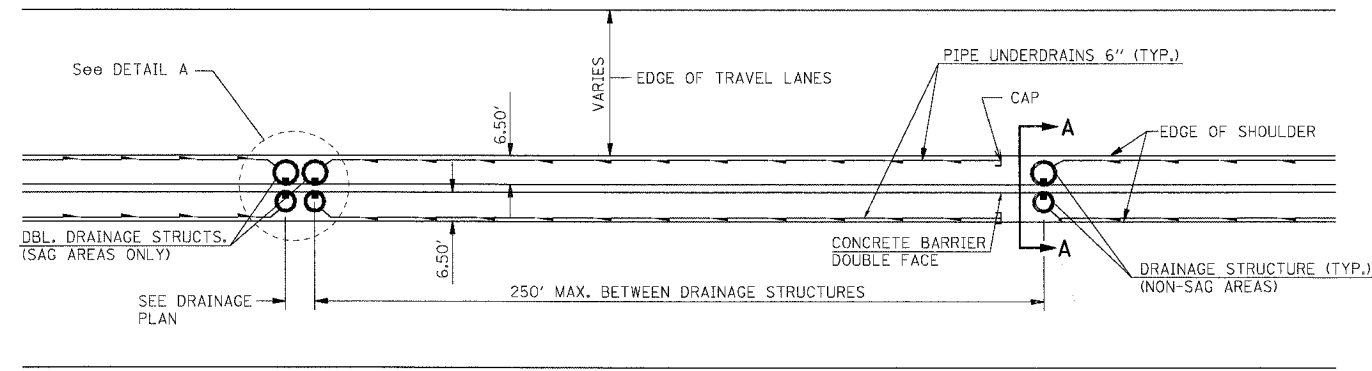
DRAINAGE DETAILS - I
DETENTION BASINS

SCALE: DATE 02/23/07

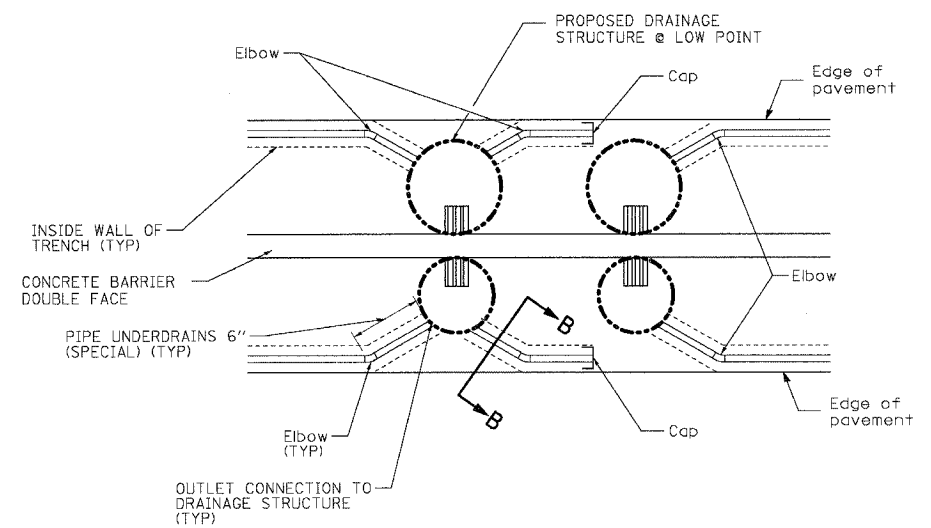
DRAWN BY MRK
CHECKED BY TKL

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

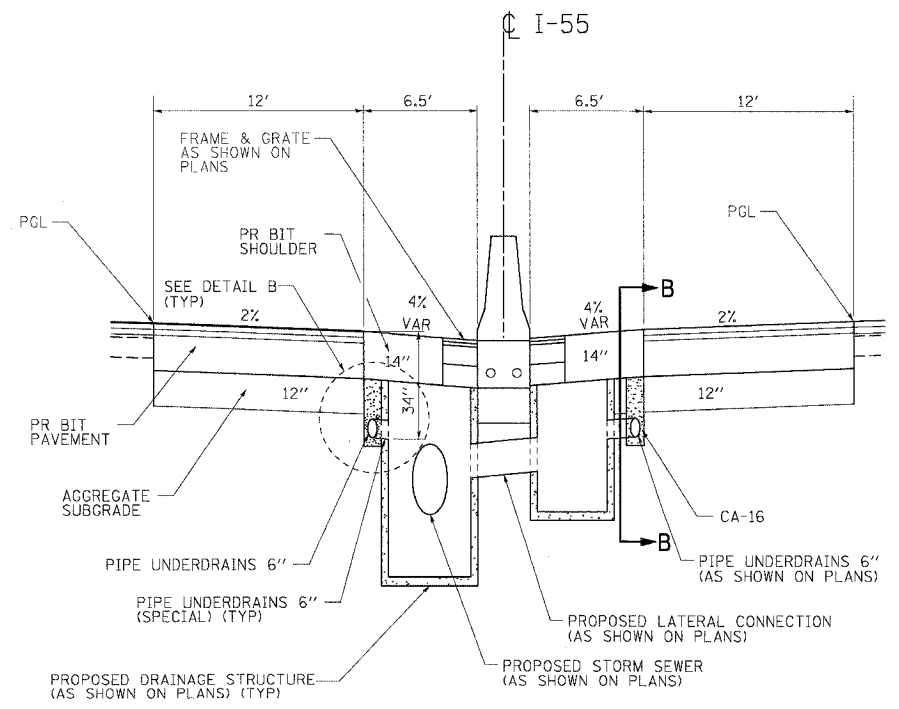
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	141
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



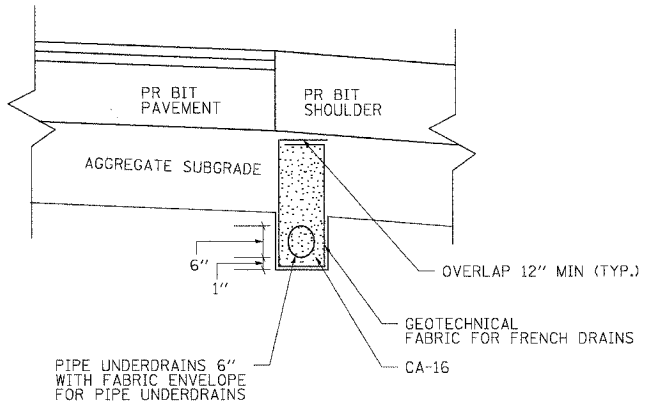
PROPOSED PLAN



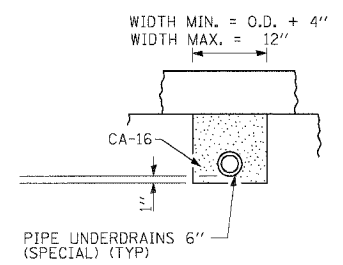
DETAIL A



SECTION A-A



DETAIL B



SECTION B-B

GENERAL NOTES

THE 24" RADIUS ON THE DRAINAGE FITTING IS ONLY A MINIMUM. LARGER RADII MEETING THE APPROVAL OF THE ENGINEER MAYBE SUBSTITUTED.

NOTES

- SEE STANDARD 601001 FOR DETAILS NOT SHOWN.
- THE COST OF GEOTECHNICAL FABRIC FOR FRENCH DRAINS, FABRIC ENVELOPE FOR PIPE UNDERDRAINS, CA-16 AGGREGATE FOR BEDDING AND TRENCH BACKFILL AND OUTLET CONNECTION TO DRAINAGE STRUCTURES WILL NOT BE PAID SEPERATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR PIPE UNDERDRAINS 6".

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
WIDENING AND RESURFACING

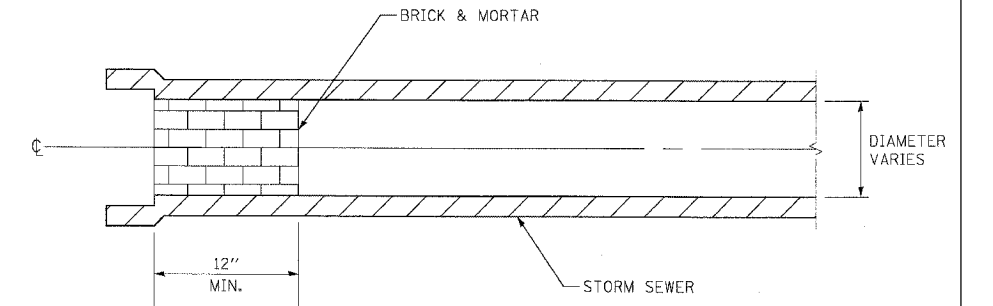
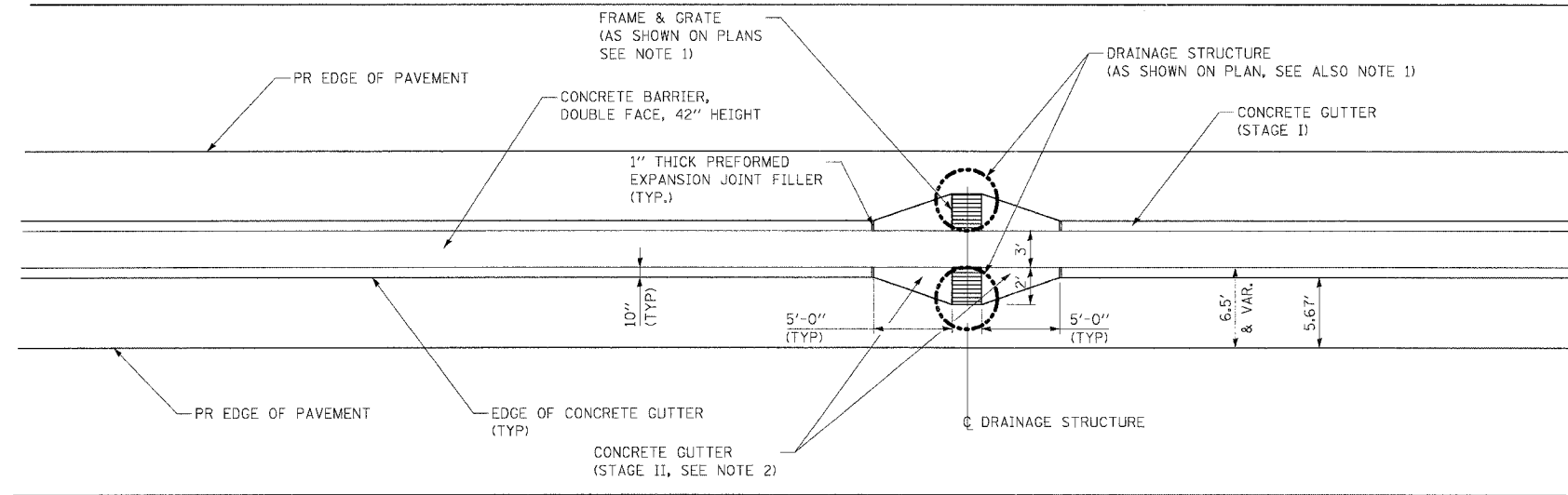
DRAINAGE DETAILS - II
PIPE UNDERDRAINS

SCALE: N.T.S. DRAWN BY MRK
DATE 02/23/07 CHECKED BY DDH

TENG TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLOT DATE = 04/18/08
 FILE NAME = 0211E14
 PLOT SCALE = 1/8"=1'-0"
 PLOT NAME = 0211E14

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	142
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

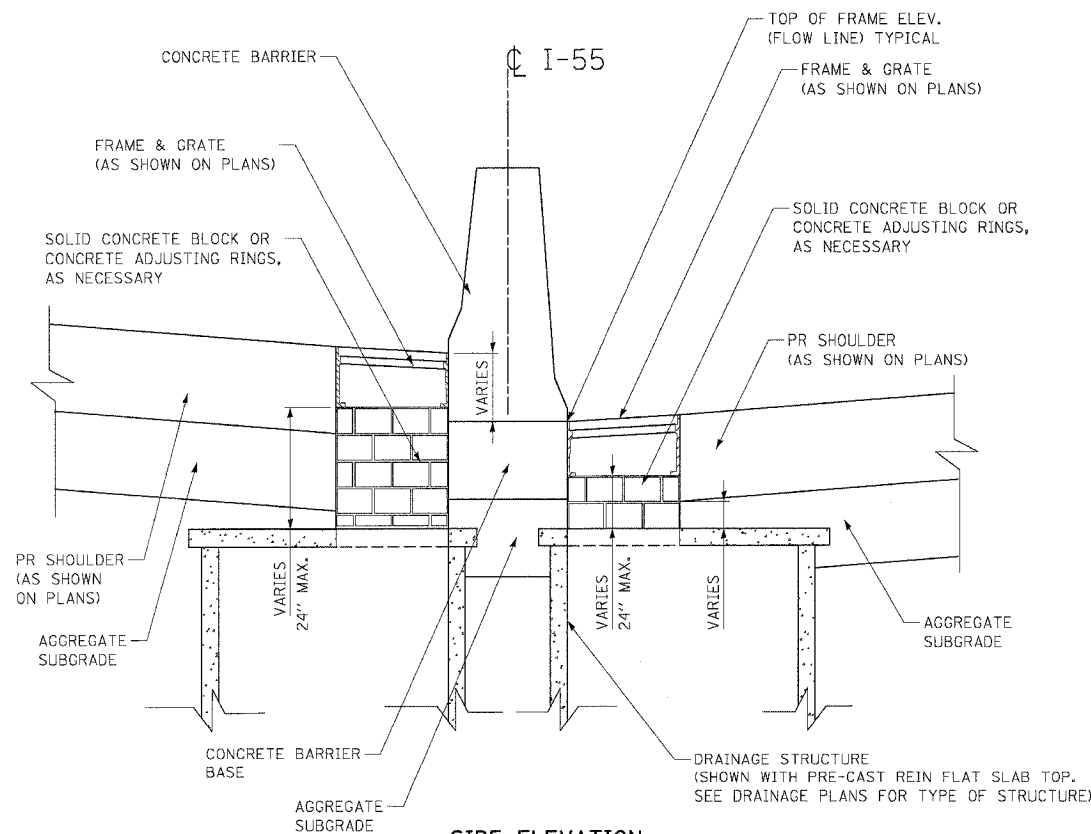


CULVERT AND STORM SEWER PLUGS

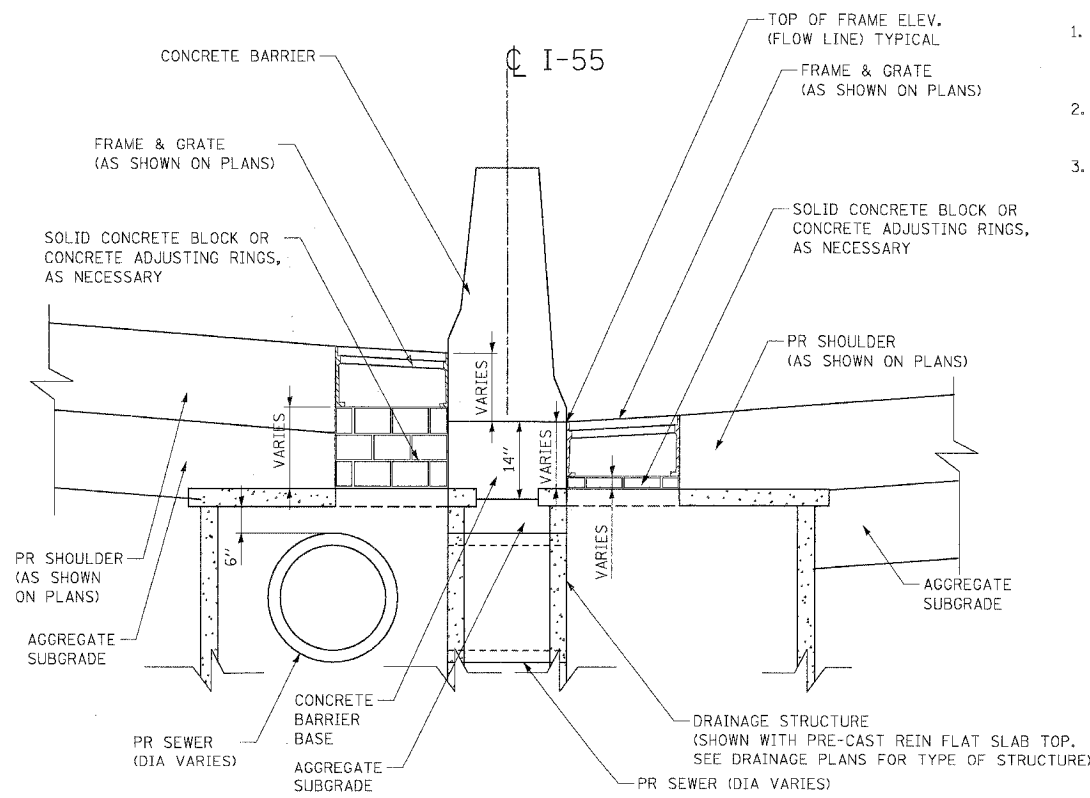
CONCRETE GUTTER DETAIL AT DRAINAGE STRUCTURE

NOTES

1. SEE DRAINAGE GENERAL NOTES REGARDING ADJUSTMENT OF FRAMES AND GRATES.
2. SEE ROADWAY GENERAL NOTES FOR DETAILS REGARDING THE STAGING AND THE PAYMENT OF THE VARIABLE WIDTH CONCRETE GUTTER ADJACENT TO THE DRAINAGE STRUCTURES.



SIDE ELEVATION
TOP OF STRUCTURE BENEATH OR AT BOTTOM OF BARRIER BASE AND SHOULDER



SIDE ELEVATION
TOP OF STRUCTURE EXTENDS INTO BARRIER BASE AND SHOULDER

CONCRETE ADJUSTING RINGS OR CONCRETE BLOCKS FOR TYPE 20 AND TYPE 21 F & G

NOTES

1. THE COST OF SOLID CONCRETE BLOCK OR CONCRETE ADJUSTING RINGS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE OF DRAINAGE STRUCTURES OF TYPE OR SIZE SPECIFIED.
2. SEE STATE AND DISTRICT 1 STANDARDS FOR DRAINAGE STRUCTURE DETAILS.
3. FOR STRUCTURE AND PIPE INFORMATION SEE DRAINAGE SCHEDULES, SHEETS 129 TO 133.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-55 (BLACK ROAD TO U.S. 30)
 WIDENING AND RESURFACING

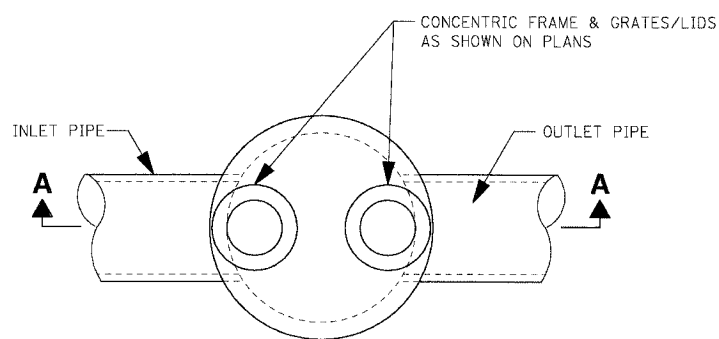
DRAINAGE DETAILS - III
CONC GUTTER & DRAINAGE STRUCTURE
AND STRUCTURE ADJUSTMENT

SCALE: NTS
 DATE 03/15/07
TENG

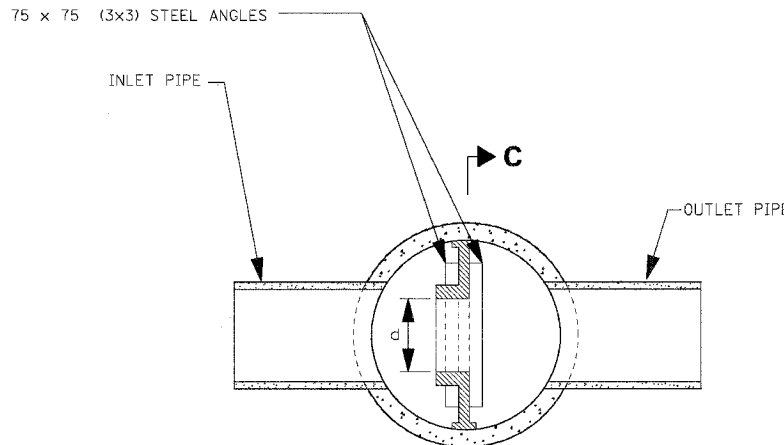
DRAWN BY MRK
 CHECKED BY TL
 TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

PLOT DATE = 03/15/07
 FILE NAME = 031507.DWG
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = TENG

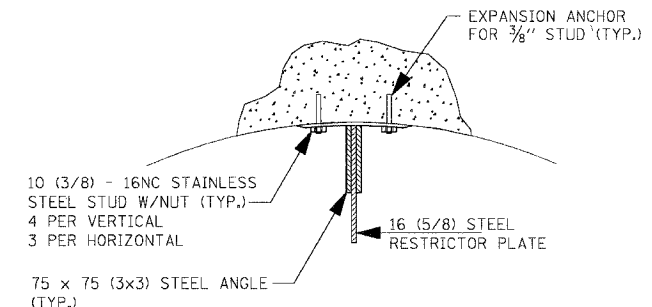
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	143
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



PLAN

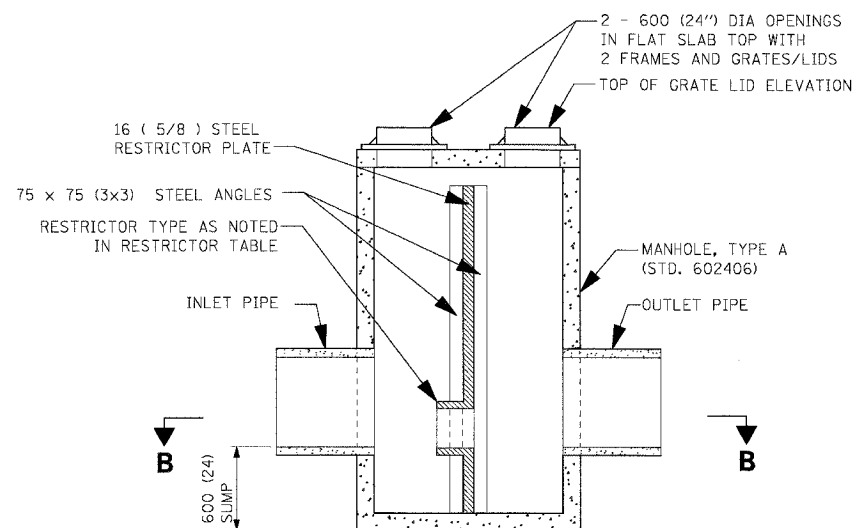


SECTION B-B

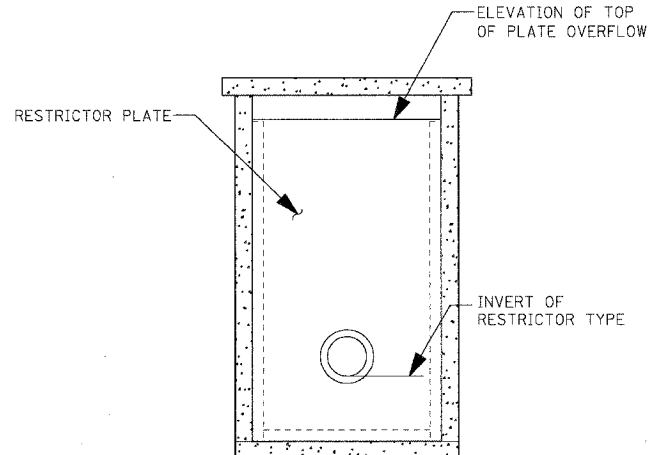


ANGLE FASTENER DETAIL

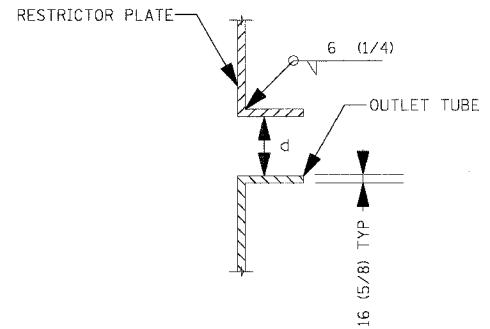
- NOTES:
1. ALL STEEL ANGLES AND PLATES TO BE GALVANIZED AFTER FABRICATION.
 2. ALL RESTRICTOR PLATES, ANGLES AND HARDWARE TO BE INCLUDED IN THE COST OF THE MANHOLE.
 3. BASIS OF PAYMENT: "MANHOLES, TYPE A, 1.8m (6FT.)-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE" EACH.



SECTION A-A



SECTION C-C

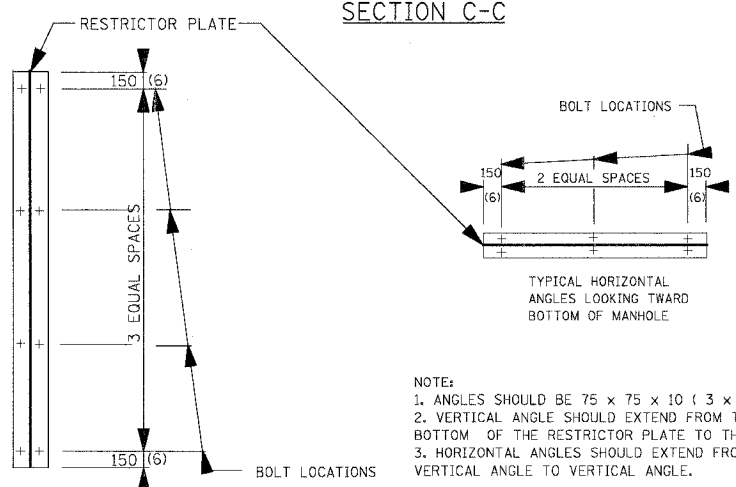


INLET TUBE DETAIL

MANHOLE WITH RESTRICTOR PLATE

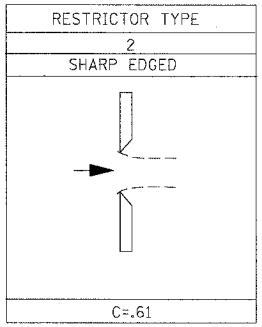
N.T.S.

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
2150	420+00, 5' LT	6'	TYPE 1	2	12"	579.85	584.86
2450	503+88, 5' LT	6'	TYPE 1	2	15"	585.45	589.45



STEEL ANGLE BOLTING DETAILS

- NOTE:
1. ANGLES SHOULD BE 75 x 75 x 10 (3 x 3 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.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
WIDENING AND RESURFACING

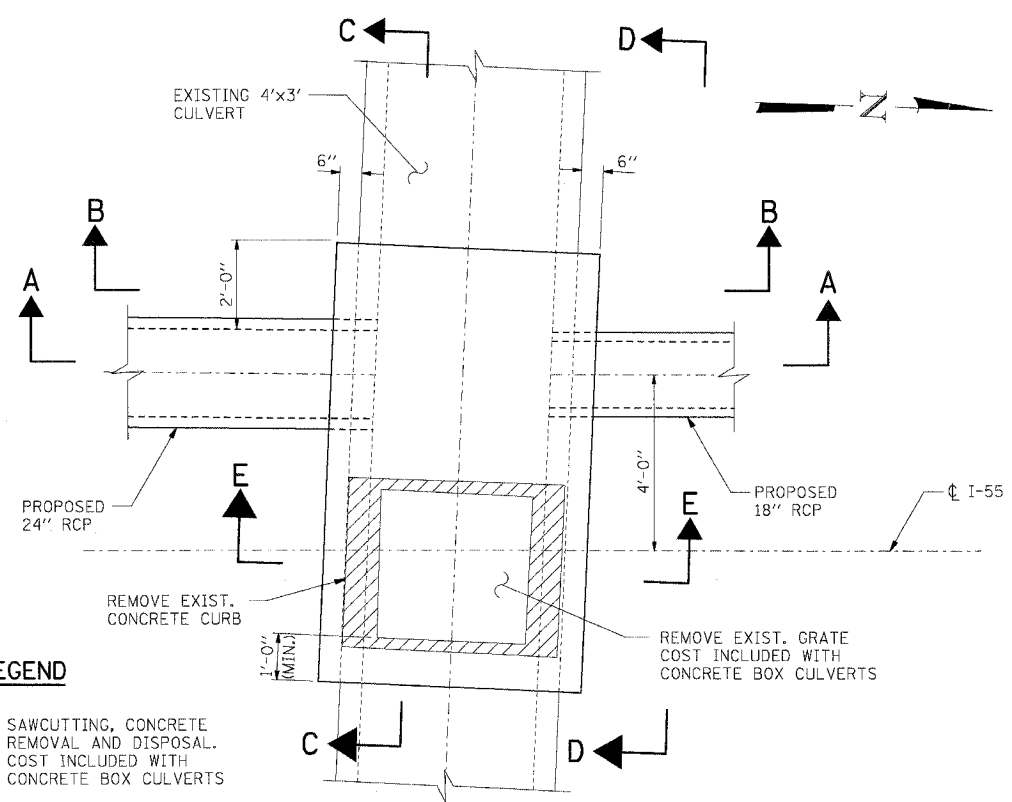
**DRAINAGE DETAILS - IV
MANHOLE WITH RESTRICTOR PLATE**

SCALE: N.T.S. DRAWN BY MRK
DATE 02/23/07 CHECKED BY TKL

TENG TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLOT DATE = 02/23/07
 PLOT SCALE = AS SHOWN
 USER NAME = 0156278

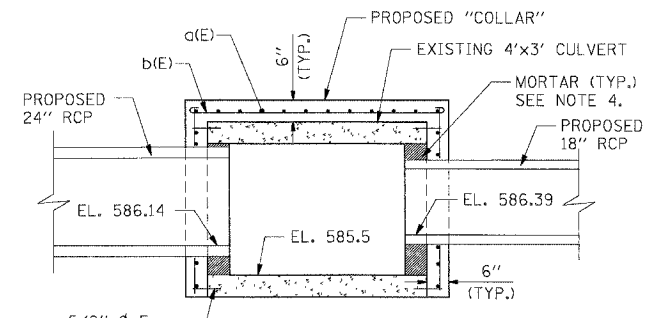
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) WRS-2	WILL	228	144
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



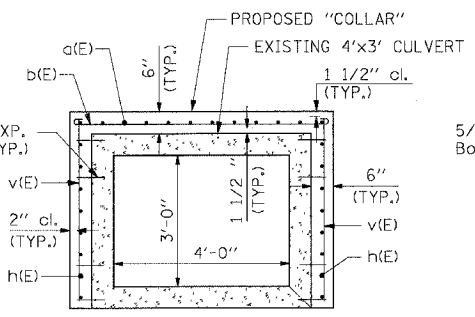
TOP PLAN
(SHOWING GEOMETRY)

LEGEND

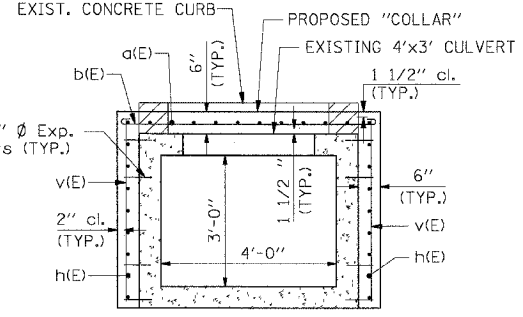
SAWCUTTING, CONCRETE REMOVAL AND DISPOSAL. COST INCLUDED WITH CONCRETE BOX CULVERTS



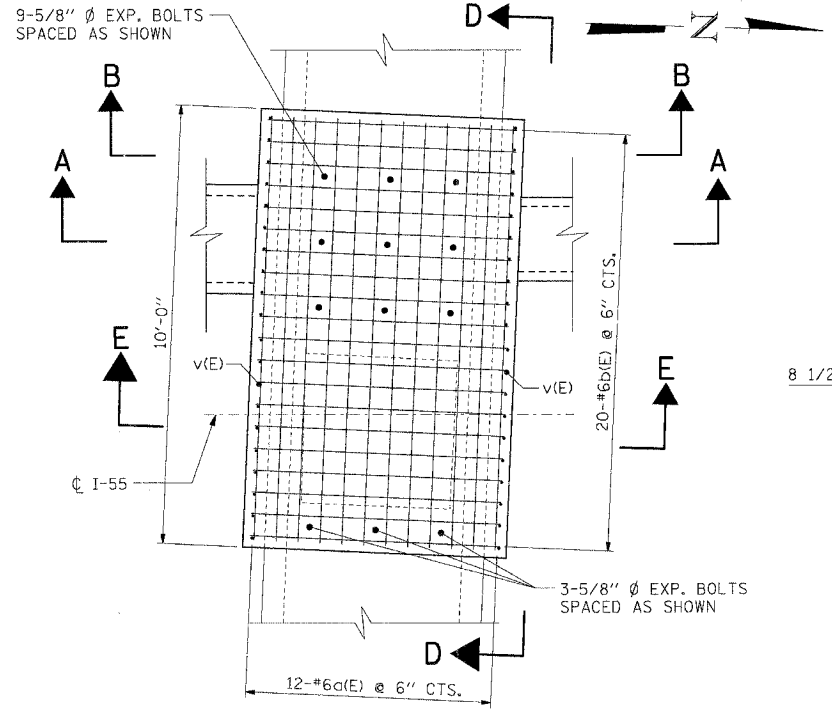
SECTION A-A



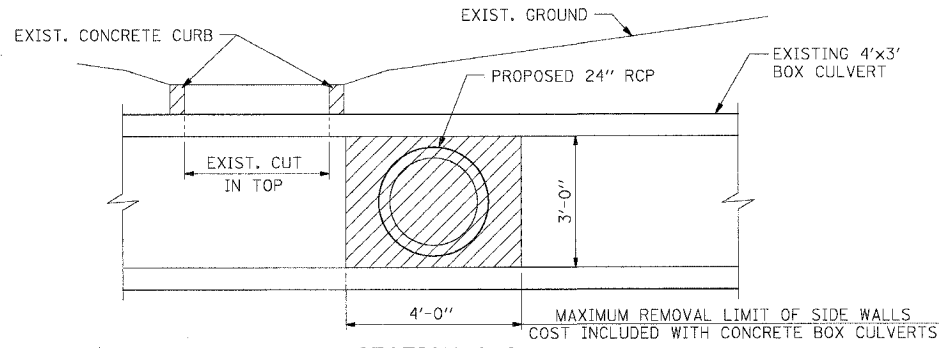
SECTION B-B
(SHOWING REINFORCEMENT)



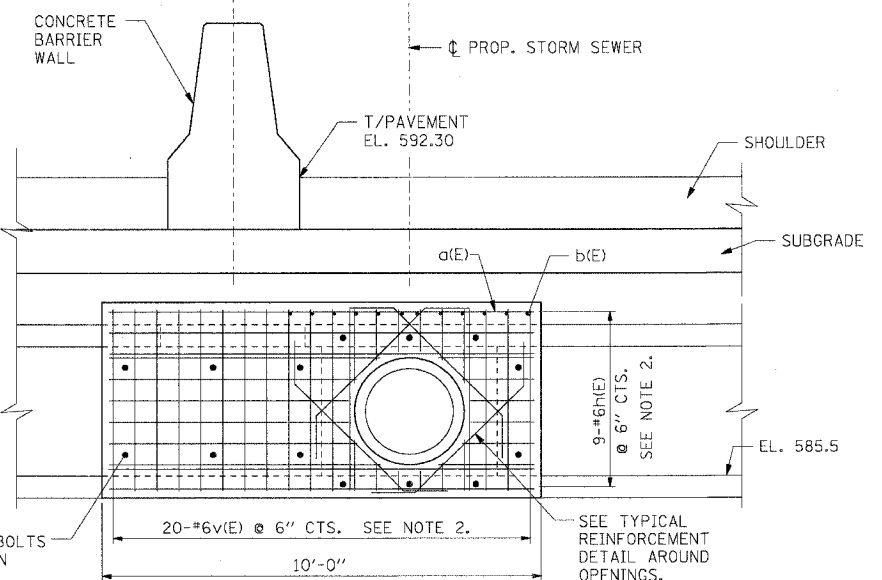
SECTION E-E
(SHOWING REINFORCEMENT)



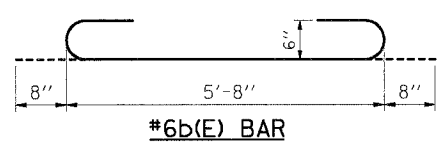
TOP PLAN
(SHOWING REINFORCEMENT)



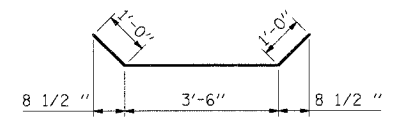
SECTION C-C
(SHOWING REMOVAL)



SECTION D-D
(SHOWING REINFORCEMENT)



* TILT HOOK AS NECESSARY TO MAINTAIN 1 1/2" CLEAR COVER.



* BEND BARS AS NECESSARY TO MAINTAIN 2" CLEAR COVER.

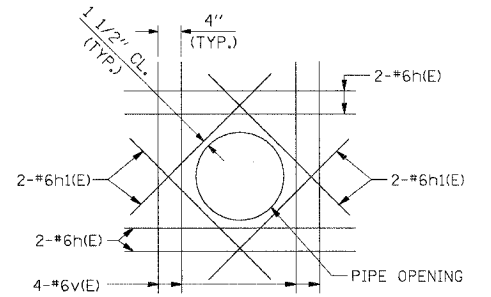
BAR LIST

BAR	NO.	SIZE	LENGTH	SHAPE
a(E)	12	#6	9'-8"	—
b(E)	20	#6	7'-0"	—
h(E)	26	#6	9'-8"	—
h1(E)	8	#6	5'-6"	—
v(E)	48	#6	4'-2"	—

BILL OF MATERIAL

ITEM	UNIT	TOTAL
CONCRETE BOX CULVERTS	CU. YD.	2.5
REINFORCEMENT BARS, EPOXY COATED	POUND	1,130
EXPANSION BOLTS 5/8 INCH **	EACH	40

** EXPANSION BOLTS SHALL BE IN ACCORDANCE WITH 1006.09 OF THE STANDARD SPECIFICATIONS.



TYPICAL REINFORCEMENT DETAIL AROUND OPENINGS

* BEND BARS IN FIELD AS NECESSARY TO MAINTAIN 2" CLEAR COVER.

NOTES:

1. REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.
2. CUT BARS IN FIELD AS NECESSARY FOR PIPE OPENINGS.
3. PLANS OF THE EXISTING 3' x 4' CULVERT ARE NOT AVAILABLE.
4. PRIOR TO CASTING PROPOSED "COLLAR", FILL VOID AROUND PROPOSED PIPES WITH MORTAR. COST INCLUDED WITH CONCRETE BOX CULVERTS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
WIDENING AND RESURFACING

DRAINAGE DETAILS - V CULVERT MODIFICATION STA. 471+21

SCALE: N.T.S. DRAWN BY: MDB
DATE: 02/23/07 CHECKED BY: MJK

TENG TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLOT DATE = 02/23/07
 FILE NAME = 022307.DWG
 PLOT SCALE = 1/8"=1'-0"
 PLOT AREA = 11.50 SQ. FT.
 PLOT DEVICE = HPGL
 PLOT MODE = PLOT
 PLOT PENS = 1
 PLOT WEIGHTS = 1
 PLOT LINES = 1
 PLOT TEXT = 1
 PLOT DIMS = 1
 PLOT DIMS1 = 1
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VERIFIED UTILITY INFORMATION

TEST HOLE #	SIZE & TYPE	NORTHING	EASTING	OFFSET	TOP OF UTILITY ELEVATION	EXISTING CUT	REFERENCE GROUND ELEVATION	COMMENTS
1	36" G	1761977.91	1021140.02	30.97' LT	588.40'	5.78'	594.18'	UTILITY QUALITY LEVEL "A"
2	36" G	1761442.74	1021158.57	28.65' LT	583.76'	7.80'	591.56'	UTILITY QUALITY LEVEL "A"
3	24" G	1761342.59	1021165.10	25.29' LT	585.29'	5.77'	591.06'	UTILITY QUALITY LEVEL "A"
4	36" G	1761311.69	1021168.82	22.55' LT	584.45'	6.60'	591.05'	UTILITY QUALITY LEVEL "A"
5	30" G	1761217.69	1021170.05	24.24' LT	583.81'	6.03'	589.84'	UTILITY QUALITY LEVEL "A"
6	36" G	1760961.17	1021177.66	24.58' LT	581.10'	6.45'	587.56'	UTILITY QUALITY LEVEL "A"
7	36" G	1760960.02	1021451.05	28.96' RT	581.72'	5.45'	587.17'	UTILITY QUALITY LEVEL "A"
8	36" G	1761476.94	1021498.16	32.12' RT	588.50'	3.80'	592.30'	UTILITY QUALITY LEVEL "A"
9	30" G	1761502.81	1021498.60	93.34' RT	587.35'	6.32'	593.67'	UTILITY QUALITY LEVEL "A"
10	36" G	1761565.03	1021437.19	33.89' RT	586.18'	6.56'	592.74'	UTILITY QUALITY LEVEL "A"
11	24" G	1761620.42	1021437.02	35.44' RT	587.24'	6.48'	593.72'	UTILITY QUALITY LEVEL "A"
12	36" G	1761724.77	1021430.72	32.38' RT	585.79'	7.79'	593.57'	UTILITY QUALITY LEVEL "A"
13	36" G	1762033.48	1021427.22	35.74' RT	582.33'	11.82'	594.15'	UTILITY QUALITY LEVEL "A"
14	36" G	1764930.49	1021304.11	76.43' RT	576.62'	7.58'	584.20'	UTILITY QUALITY LEVEL "A"
15	36" G	1764892.83	1021316.93	88.20' RT	575.86'	9.18'	585.04'	UTILITY QUALITY LEVEL "A"
16	20" G	1764347.85	1021327.45	83.64' RT	583.13'	6.03'	589.16'	UTILITY QUALITY LEVEL "A"
17	42" G	1764997.02	1021191.01	34.79' LT	575.87'	7.42'	583.29'	UTILITY QUALITY LEVEL "A"
18	40" G	1764968.48	1021190.20	36.39' LT	578.66'	4.85'	583.51'	UTILITY QUALITY LEVEL "A"
19	24" G	1764412.46	1021208.28	33.70' LT	581.30'	5.83'	587.13'	UTILITY QUALITY LEVEL "A"
20	36" G	1761929.14	1020284.46	886.41' LT	587.94'	4.36'	592.30'	UTILITY QUALITY LEVEL "A"
21	36" G	1761113.92	1020837.27	358.93' LT	585.00'	3.99'	588.99'	UTILITY QUALITY LEVEL "A"
22	24" G	1761070.06	1020865.93	331.66' LT	584.19'	4.36'	588.55'	UTILITY QUALITY LEVEL "A"
23	36" G	1761033.53	1020896.84	301.92' LT	584.14'	4.01'	588.15'	UTILITY QUALITY LEVEL "A"
24	30" G	1760973.03	1020934.20	266.48' LT	583.97'	4.14'	588.11'	UTILITY QUALITY LEVEL "A"
25	36" G	1760931.81	1020970.94	231.05' LT	584.58'	3.48'	588.06'	UTILITY QUALITY LEVEL "A"
26	SEE NOTE	G 1761558.07	1021554.22	152.28' RT	590.54'	3.36'	593.90'	UTILITY QUALITY LEVEL "A"
27	30" G	1761607.88	1021535.48	135.12' RT	590.48'	4.26'	594.74'	UTILITY QUALITY LEVEL "A"
28	SEE NOTE	G 1761643.16	1021517.84	118.60' RT	586.00'	9.44'	595.44'	UTILITY QUALITY LEVEL "A"
29	24" G	1761708.92	1021492.06	94.90' RT	590.37'	4.86'	595.23'	UTILITY QUALITY LEVEL "A"
30	SEE NOTE	G 1761763.53	1021469.32	73.89' RT	586.90'	8.79'	595.69'	UTILITY QUALITY LEVEL "A"

VERIFIED UTILITY INFORMATION

TEST HOLE #	SIZE & TYPE	NORTHING	EASTING	OFFSET	TOP OF UTILITY ELEVATION	EXISTING CUT	REFERENCE GROUND ELEVATION	COMMENTS
31	16" G	1789526.07	1027970.20	2.66' LT	608.82'	4.65'	613.47'	UTILITY QUALITY LEVEL "A"
32	24" W	1783790.30	1025967.71	0.00	587.07'	1.93'	589.00'	UTILITY QUALITY LEVEL "A"
33	UNK W	1774087.19	1026281.14	3.36' RT	574.91'	7.93'	582.84'	SEE NOTE
34	UNK G	1766986.22	1023114.78	1.67' LT	573.20'	7.89'	581.09'	SEE NOTE
35	42" G	1764617.74	1021889.31	0.28' RT	587.97'	6.96'	594.93'	SEE NOTE
36	UNK G	1764589.69	1021872.25	2.55' LT	SEE NOTE	7.00'	595.26'	SEE NOTE
37	24" G	1764157.65	1021682.33	1.48' LT	589.73'	5.45'	595.18'	SEE NOTE
38	UNK FM	1762546.66	1021297.11	6.66' LT	587.79'	6.21'	594.00'	SEE NOTE
39	*42" G	1762004.68	1021276.95	4.74' LT	587.18'	5.72'	592.90'	UTILITY QUALITY LEVEL "A"
40	36" G	1761581.40	1021293.39	0.37' RT	585.36'	5.66'	591.02'	UTILITY QUALITY LEVEL "A"
41	24" G	1761474.96	1021295.11	1.20' LT	584.35'	6.04'	590.39'	SEE NOTE
42	42" G	1761429.66	1021296.67	1.03' LT	586.74'	3.48'	590.22'	UTILITY QUALITY LEVEL "A"
43	30" G	1761375.95	1021297.64	1.72' LT	588.38'	1.52'	589.90'	UTILITY QUALITY LEVEL "A"
43A	30" G	1761370.06	1021291.56	7.98' LT	588.39'	2.73'	591.12'	UTILITY QUALITY LEVEL "A"
44	30" G	1761342.52	1021299.05	1.35' LT	584.31'	5.24'	589.55'	SEE NOTE
45	24" Other	1753098.46	1021540.98	31.58' LT	551.06'	6.96'	558.02'	UTILITY QUALITY LEVEL "A"
46	30" G	1752991.92	1021543.34	32.51' LT	547.97'	7.87'	555.84'	UTILITY QUALITY LEVEL "A"
47	34" G	1752963.80	1021545.85	30.86' LT	546.76'	8.56'	555.32'	UTILITY QUALITY LEVEL "A"
48	UNK G	1753032.83	1021546.00	28.59' LT	548.09'	9.26'	557.35'	SEE NOTE
49	NA G	1760959.49	1021311.18	1.05' LT	580.65'	5.02'	585.67'	UTILITY QUALITY LEVEL "A"

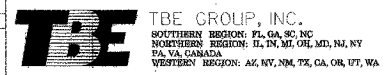
NOTES

TH#17, 18 & 19 According to record drawings, the gas main under College St. is placed in a casing.
 TH#26 Unable to expose utility due to water, but were able to probe to feel utility.
 TH#28 Unable to expose utility due to mud and water, but were able to probe to feel utility.
 TH#30 Unable to expose utility due to hard clay, but were able to probe to feel utility.
 TH#33, 34, 35, 37, 38, 41, 41 & 48 Unable to expose utility due to excessive ground water, but were able to probe and feel top and sides of utility.
 TH#36 Hole was opened to a depth of 7' before getting excessive ground water. Probed to a depth of 12' and could not find utility. Clearance depth only.
 *TH#39 42" casing for 36" gas main.

ALL INFORMATION SHOWN WAS OBTAINED FROM A LOCATION SURVEY. OFFSETS AND STATIONS ARE IN RELATION TO THE BASELINE OF SURVEY.

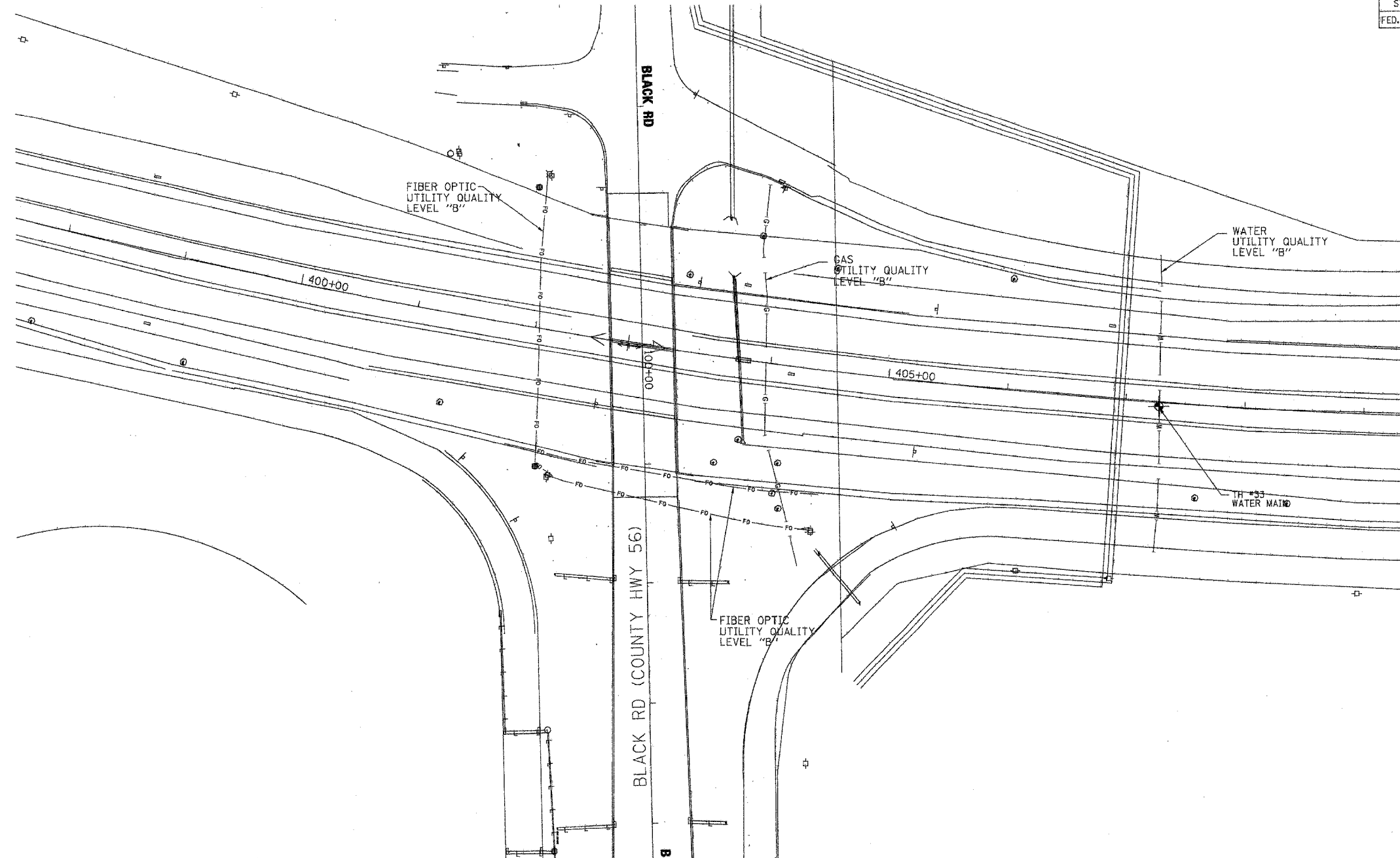
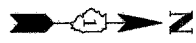
Illinois Department of Transportation
 I-55I-80 from US RT. 30 to Weber Road
 Will County, Joliet, IL
 Section No. 99 (1&2) WRS, 99 (1&2) WRS-2 & 2006-031
 Contract No. 62895, 62896, 60B46 and 60B85
 TBE Project No.: IL09500132, 142, 158, 229, 245, 263

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
12-4-06	ACC	QA/QC Test Notes															



VERIFIED UTILITY LOCATIONS

CONTRACT NO. 60B46			
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
99 (1&2) WRS. 99 (1&2) WRS-2 & 2006-031	WHI	WHI	228 146
STA. 398+00		TO STA. 409+00	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		



The SBC locations depicted have been obtained through the application of geophysical methods to determine the existence and approximate horizontal position of these facilities. However, SBC will not provide TBE Group, Inc. with utility records nor allow access to their field closures (pedestals/manholes etc.), to help verify the locations of their existing underground facilities. Therefore, TBE is unable to verify the completeness of the SBC locations depicted in accordance with the CI/ASCE Standard 38-02.

Utilities shown on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards. All other information shown has been provided to TBE Group, Inc by others. Changes to utilities after dates shown may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.



TBE GROUP, INC.
 CIVIL ENGINEERING * TRANSPORTATION * ENVIRONMENTAL
 * PLANNING * UTILITY ENGINEERING/LOCATING

IL09500132, 142, 158, 229, 245

TBE SUE PAGE NO: 22 of 29
 Checked by: *[Signature]*

Utility Quality Level "A" : Test Holes
 Utility Quality Level "B" : Designating

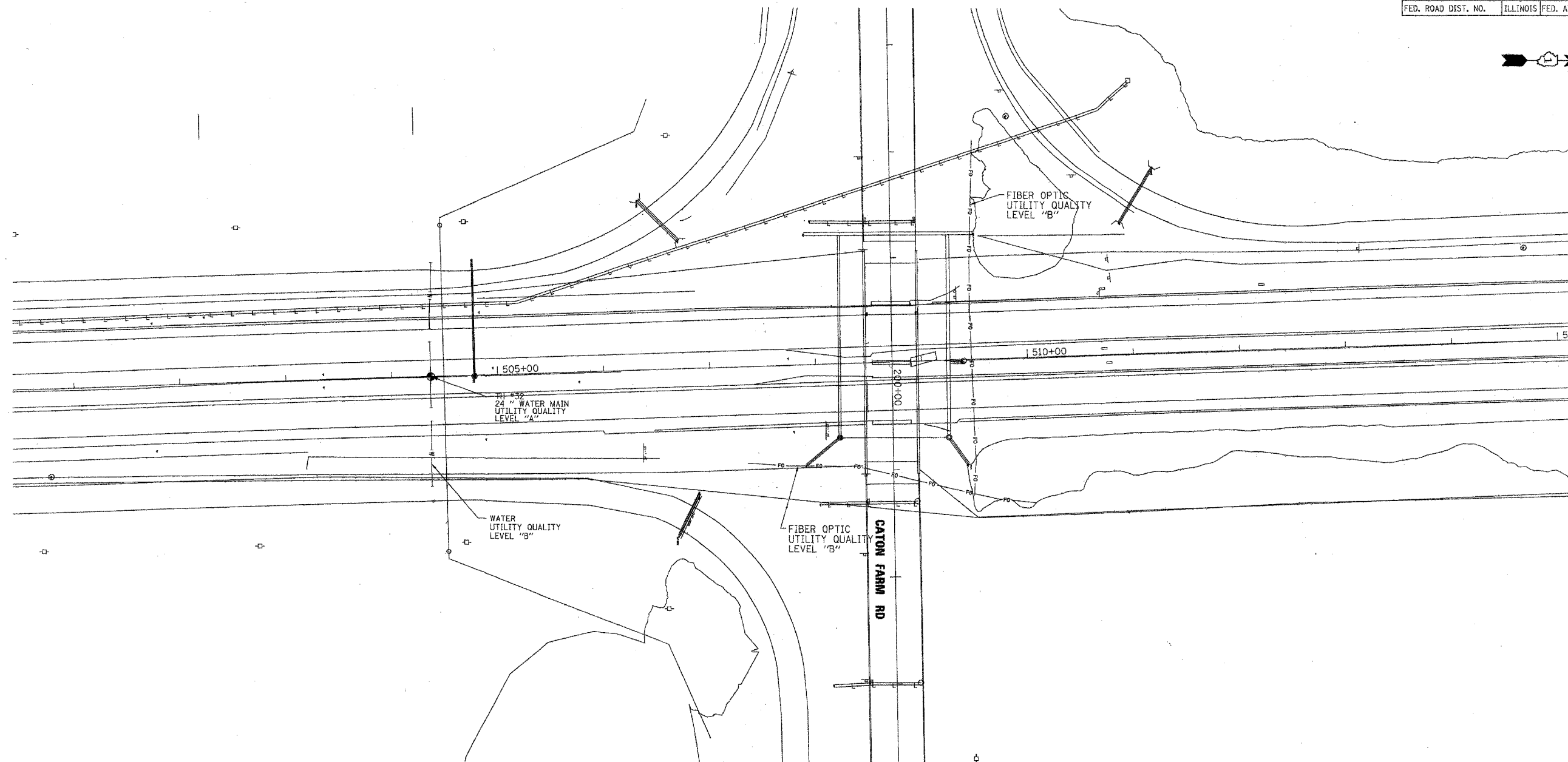
	FORCE MAIN
	TELEPHONE
	WATER
	GAS
	CABLE TELEVISION
	FIBER OPTIC
	ELECTRIC
	TEST HOLE

205 W. WACKER DRIVE
 SUITE 1020
 CHICAGO, IL 60606
 (312) 704-1970

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUE Investigation of Underground Utilities
 I-55/I-80 from US RT. 30 to Weber Road
 Will County
 Section No. 99 (1&2) WRS. 99 (1&2) WRS-2 & 2006-031
 Contract No. 62895, 62896, 60B46 and 60B85
 SQL "A" DATE : 11/07/06 DRAWN BY : KLC
 SQL "B" DATE : 1/17/06 SCALE : 1" = 50'

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
99 (I&S) WRS-2 (I&S) WRS-2 62895-031	WH	WH	228	147
STA. 501+00		TO STA. 515+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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TBE GROUP, INC.
 CIVIL ENGINEERING * TRANSPORTATION * ENVIRONMENTAL
 * PLANNING * UTILITY ENGINEERING * LOCATING


IL09500132, 142, 158, 229, 245

TBE SUE PAGE NO: 23 of 29

Checked by: *[Signature]*

Utility Quality Level "A" : Test Holes
 Utility Quality Level "B" : Designating

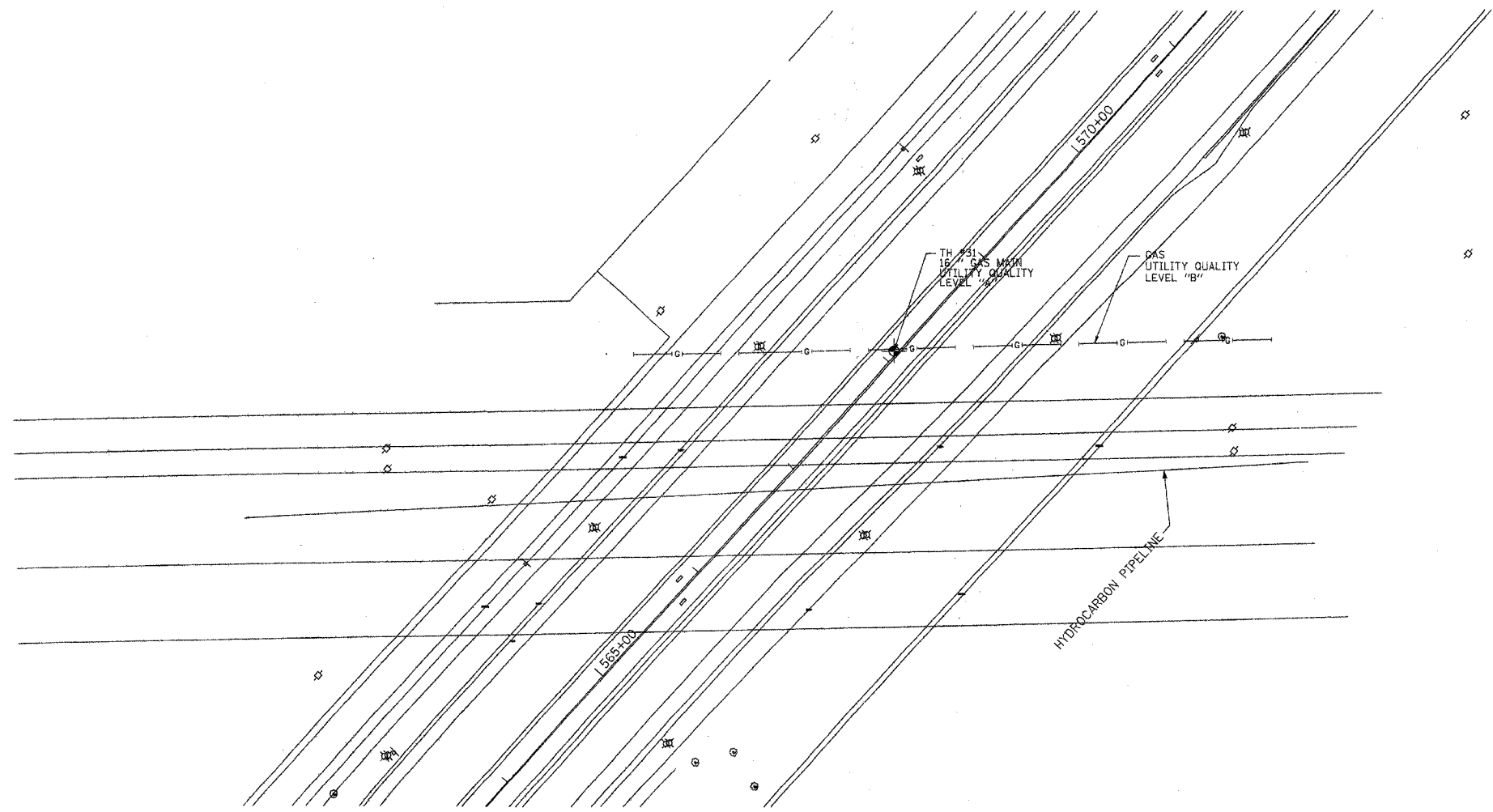
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—W—W—W—W—W—W—	WATER
—G—G—G—G—G—G—	GAS
—CTV—CTV—CTV—CTV—CTV—CTV—	CABLE TELEVISION
—FO—FO—FO—FO—FO—FO—	FIBER OPTIC
—E—E—E—E—E—E—	ELECTRIC
●	TEST HOLE


 205 W. WACKER DRIVE
 SUITE 1020
 CHICAGO, IL 60606
 (312) 704-1970

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUE Investigation of Underground Utilities
 I-55/I-80 from US RT. 30 to Weber Road
 Will County
 Section No. 99 (I&S) WRS, 99 (I&S) WRS-2 & 2006-031
 Contract No. 62895, 62896, 60B46 and 60B85
 SQL "A" DATE : 11/07/06 DRAWN BY : KLC
 SQL "B" DATE : 1/17/06 SCALE : 1" = 50'

CONTRACT NO. 60846			
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
99 (1&2) WRS-39 (1&2) WRS-2 60846-01	22B	WILL	140
STA. 564+00		TO STA. 571+00	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	



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TBE GROUP, INC.
 CIVIL ENGINEERING * TRANSPORTATION * ENVIRONMENTAL
 * PLANNING * UTILITY ENGINEERING/LOCATING

IL09500132, 142, 158, 229, 245
 TBE SUE PAGE NO: 24 of 29
 Checked by: *[Signature]*
 Utility Quality Level "A" : Test Holes
 Utility Quality Level "B" : Designating

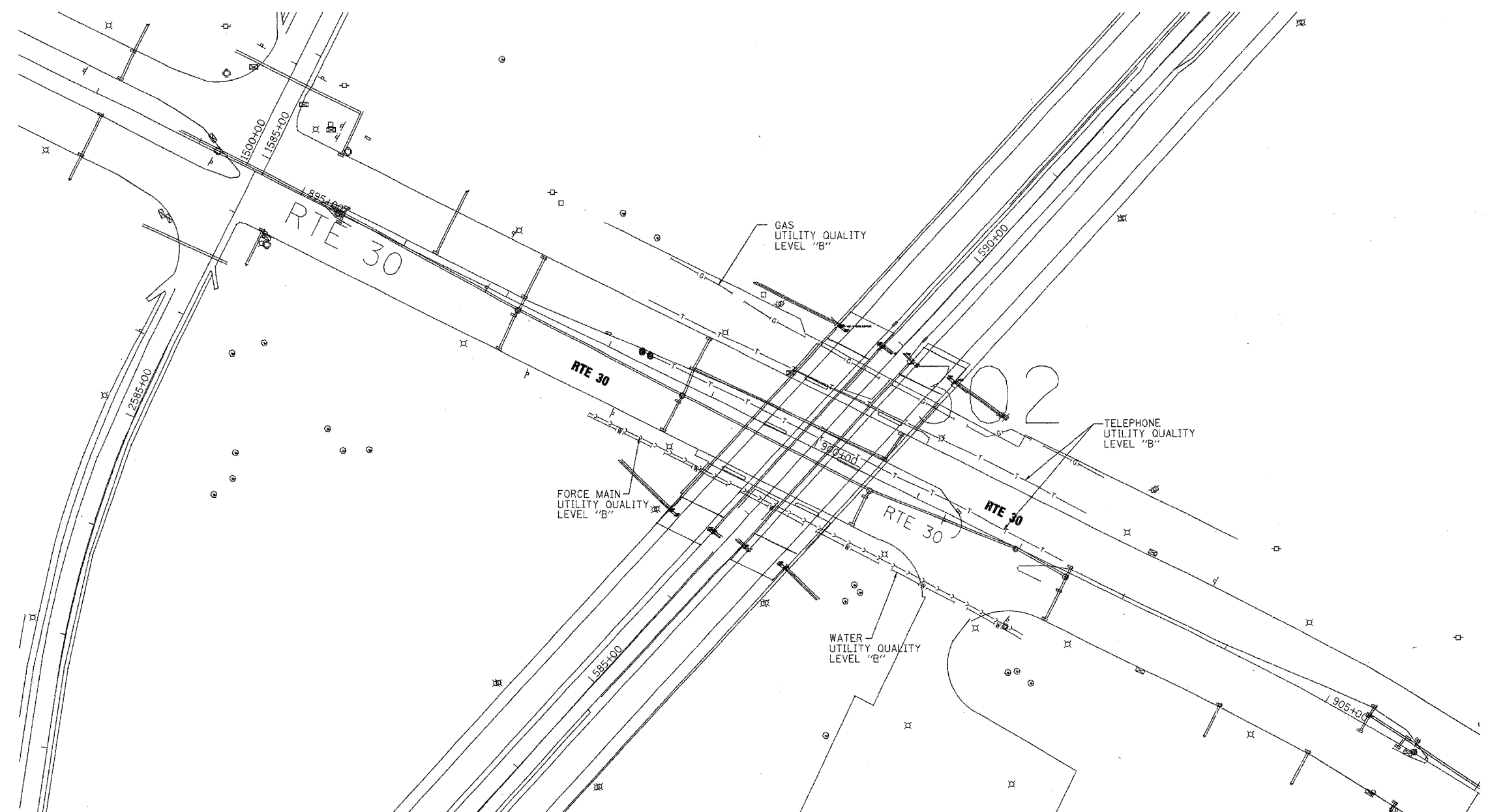
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—T—T—T—T—	TELEPHONE
—W—W—W—W—	WATER
—G—G—G—G—	GAS
—CTV—CTV—CTV—CTV—	CABLE TELEVISION
—FO—FO—FO—FO—	FIBER OPTIC
—E—E—E—E—	ELECTRIC
●	TEST HOLE

205 W. WACKER DRIVE
 SUITE 1020
 CHICAGO, IL 60606
 (312) 704-1970

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUE Investigation of Underground Utilities
 I-55/I-80 from US RT. 30 to Weber Road
 Will County
 Section No. 99 (1&2) WRS, 99 (1&2) WRS-2 & 2006-031
 Contract No. 62895, 62896, 60846 and 60885
 SQL "A" DATE : 11/07/06 DRAWN BY : KLC
 SQL "B" DATE : 1/17/06 SCALE : 1" = 50'

CONTRACT NO. 60B46				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-1	WILL	228	149
STA. 584+00		TO STA. 592+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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Utilities shown on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards. All other information shown has been provided to TBE Group, Inc by others. Changes to utilities after dates shown may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.




TBE GROUP, INC.
 CIVIL ENGINEERING * TRANSPORTATION * ENVIRONMENTAL
 * PLANNING * UTILITY ENGINEERING/LOCATING

IL09500132, 142, 158, 229, 245
 TBE SUE PAGE NO: 25 of 29
 Checked by: *Sandra Jones*

Utility Quality Level "A" : Test Holes
 Utility Quality Level "B" : Designating

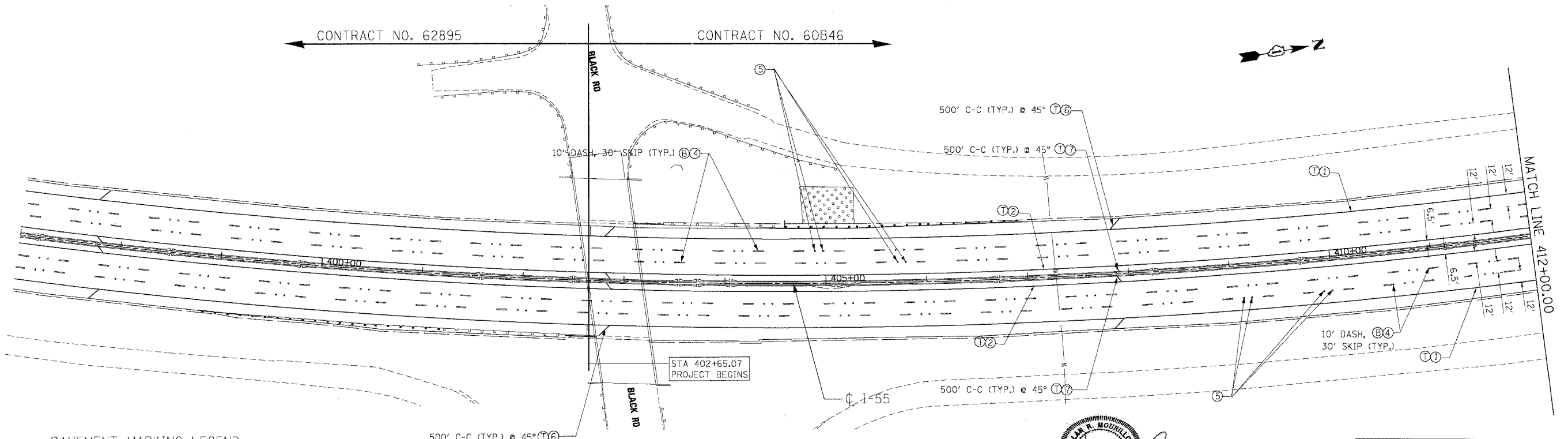
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—W—W—W—W—W—W—	WATER
—G—G—G—G—G—G—	GAS
—CTV—CTV—CTV—CTV—CTV—CTV—	CABLE TELEVISION
—FO—FO—FO—FO—FO—FO—	FIBER OPTIC
—E—E—E—E—E—E—	ELECTRIC
●	TEST HOLE


 205 W. WACKER DRIVE
 SUITE 1020
 CHICAGO, IL 60606
 (312) 704-1970

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUE Investigation of Underground Utilities
 I-55/I-80 from US RT. 30 to Weber Road
 Section No. 99 (1&2) WRS-1
 Contract No. 62895 and 62896
 Will County
 DRAWN BY : KLC
 SCALE : 1" = 50'
 SQL "B" DATE : 1/17/06

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	150
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PAVEMENT MARKING LEGEND

- ① PAVEMENT MARKING LINE 4" (WHITE)
- ② PAVEMENT MARKING LINE 4" (YELLOW)
- ③ PAVEMENT MARKING LINE 8" (WHITE)
- ④ PAVEMENT MARKING LINE 5" (WHITE)
- ⑤ RAISED REFLECTIVE PAVEMENT MARKER (DOUBLE, ONE-WAY, CRYSTAL MARKERS @ 80' C-C)

- ⑥ PAVEMENT MARKING LINE 12" (WHITE)
- ⑦ PAVEMENT MARKING LINE 12" (YELLOW)
- ⑧ RAISED REFLECTIVE PAVEMENT MARKER (SINGLE, ONE-WAY, CRYSTAL MARKERS @ 40' C-C)
- ⑨ RAISED REFLECTIVE PAVEMENT MARKER (SINGLE, ONE-WAY, CRYSTAL MARKERS @ 45' C-C)

- Ⓣ THERMOPLASTIC (EXTRUDED)
- Ⓟ POLYUREA
- Ⓢ PREFORMED PLASTIC, TYPE B

LANDSCAPING LEGEND

- SEEDING CLASS 2A WITH TOPSOIL FURNISH AND PLACE, 6" AND EROSION CONTROL BLANKET
- SEEDING CLASS 4 WITH COMPOST FURNISH AND PLACE, 4" AND EROSION CONTROL BLANKET
- SEEDING, CLASS 4B (MODIFIED) WITH COMPOST FURNISH AND PLACE, 4" AND MULCH METHOD 2



DATE 2/15/2007
EXP. 11/30/2007

MORCOM, N.V., INC.
CONSULTING ENGINEERS
CHICAGO, ILLINOIS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
WIDENING AND RESURFACING

**PAVEMENT MARKING AND LANDSCAPING
FAI 55
STA. 402+65.07 TO STA. 412+00.00**

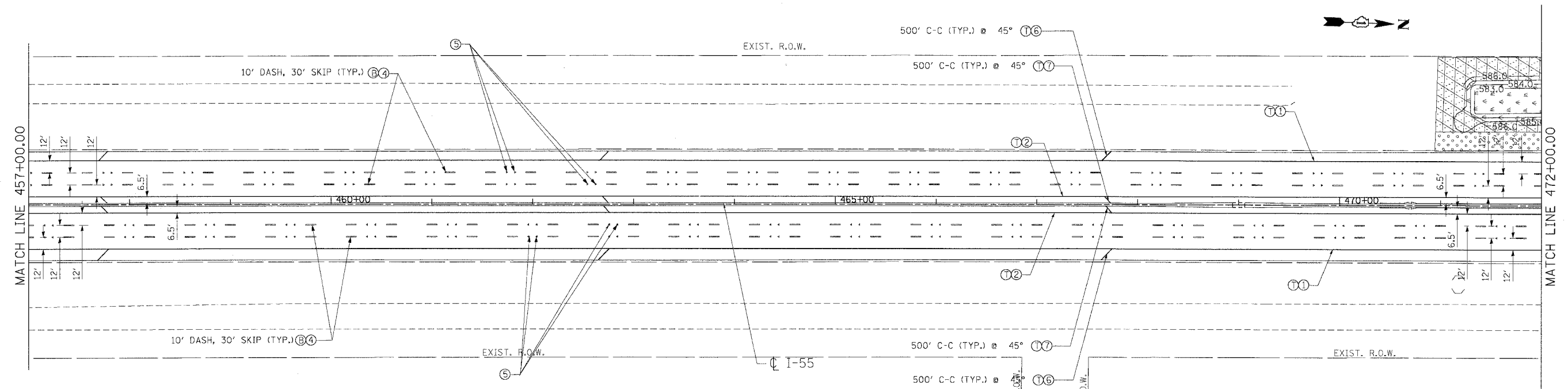
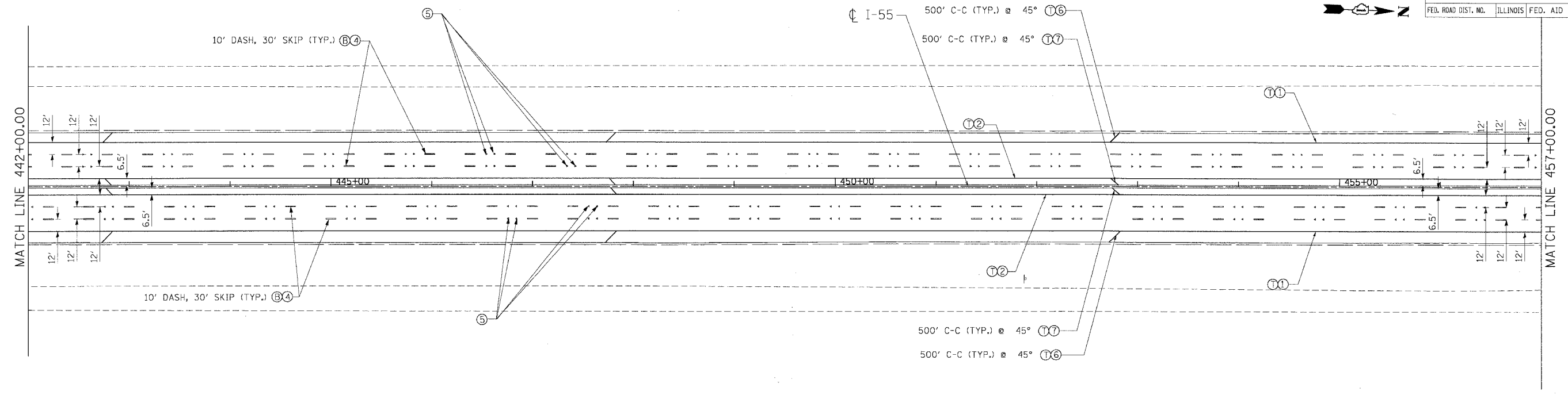
SCALE: 1"=50'
DATE 03/15/07

DRAWN BY M/W
CHECKED BY DDH

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLOT DATE = 03/15/07
PLOT SCALE = 1"=50'
PLOT USER = M/W

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	152
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PAVEMENT MARKING LEGEND

- | | | |
|-------------------------------------|--|-----------------------------|
| ① PAVEMENT MARKING LINE 4" (WHITE) | ⑥ PAVEMENT MARKING LINE 12" (WHITE) | Ⓣ THERMOPLASTIC (EXTRUDED) |
| ② PAVEMENT MARKING LINE 4" (YELLOW) | ⑦ PAVEMENT MARKING LINE 12" (YELLOW) | Ⓟ POLYUREA |
| ③ PAVEMENT MARKING LINE 8" (WHITE) | ⑧ RAISED REFLECTIVE PAVEMENT MARKER (SINGLE, ONE-WAY, CRYSTAL MARKERS @ 40' C-C) | Ⓢ PREFORMED PLASTIC, TYPE B |
| ④ PAVEMENT MARKING LINE 5" (WHITE) | ⑨ RAISED REFLECTIVE PAVEMENT MARKER (DOUBLE, ONE-WAY, CRYSTAL MARKERS @ 80' C-C) | |

LANDSCAPING LEGEND

- | | |
|--|--|
| | SEEDING CLASS 2A WITH TOPSOIL FURNISH AND PLACE, 6" AND EROSION CONTROL BLANKET |
| | SEEDING CLASS 4 WITH COMPOST FURNISH AND PLACE, 4" AND EROSION CONTROL BLANKET |
| | SEEDING, CLASS 4B (MODIFIED) WITH COMPOST FURNISH AND PLACE, 4" AND MULCH METHOD 2 |

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
 WIDENING AND RESURFACING

**PAVEMENT MARKING AND LANDSCAPING
 FAI 55
 STA. 442+00.00 TO STA. 472+00.00**

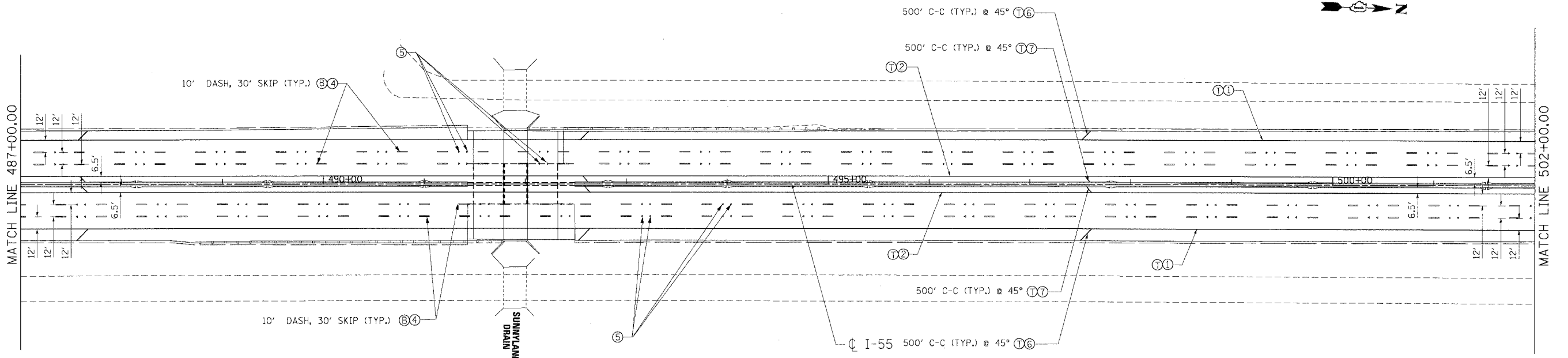
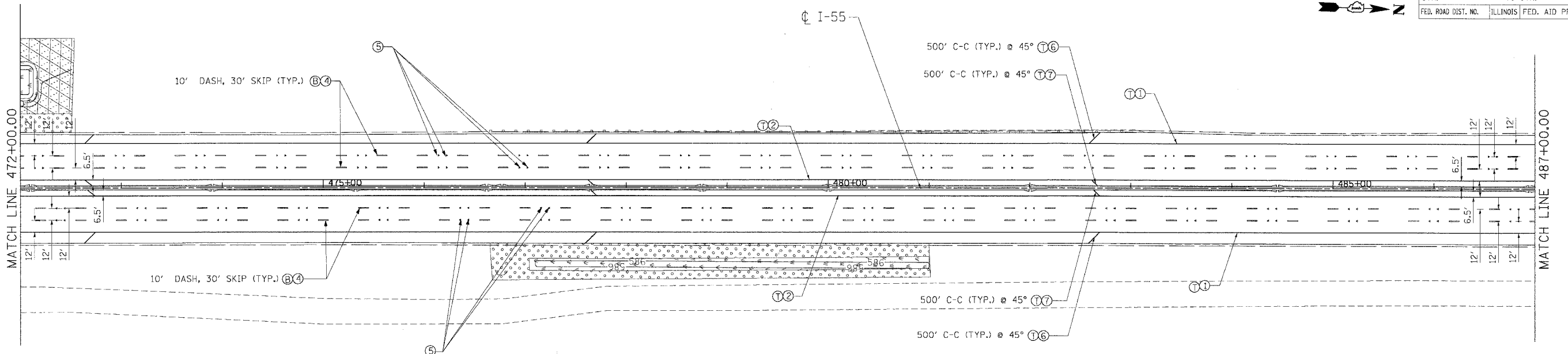
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 DRAWN BY: MW
 CHECKED BY: DDH

TENG
 TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

MORCOM, N.V., INC.
 CONSULTING ENGINEERS
 CHICAGO, ILLINOIS

PLOT DATE = DATE
 PLOT SCALE = SCALE
 PLOT USER = USER
 3-15-2007, 12:17:40
 GARCIAZ SA\DOCUMENT\2007\315\1\100\PA\MAR07\151

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	153
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



PAVEMENT MARKING LEGEND

- ① PAVEMENT MARKING LINE 4" (WHITE)
- ② PAVEMENT MARKING LINE 4" (YELLOW)
- ③ PAVEMENT MARKING LINE 8" (WHITE)
- ④ PAVEMENT MARKING LINE 5" (WHITE)
- ⑤ RAISED REFLECTIVE PAVEMENT MARKER (DOUBLE, ONE-WAY, CRYSTAL MARKERS @ 80' C-C)

- ⑥ PAVEMENT MARKING LINE 12" (WHITE)
- ⑦ PAVEMENT MARKING LINE 12" (YELLOW)
- ⑧ RAISED REFLECTIVE PAVEMENT MARKER (SINGLE, ONE-WAY, CRYSTAL MARKERS @ 40' C-C)
- ⑨ RAISED REFLECTIVE PAVEMENT MARKER (SINGLE, ONE-WAY, CRYSTAL MARKERS @ 45' C-C)

- Ⓧ THERMOPLASTIC (EXTRUDED)
- Ⓟ POLYUREA
- Ⓠ PREFORMED PLASTIC, TYPE B

LANDSCAPING LEGEND

- [Pattern] SEEDING CLASS 2A WITH TOPSOIL FURNISH AND PLACE, 6" AND EROSION CONTROL BLANKET
- [Pattern] SEEDING CLASS 4 WITH COMPOST FURNISH AND PLACE, 4" AND EROSION CONTROL BLANKET
- [Pattern] SEEDING, CLASS 4B (MODIFIED) WITH COMPOST FURNISH AND PLACE, 4" AND MULCH METHOD 2

REVISIONS	
NAME	DATE

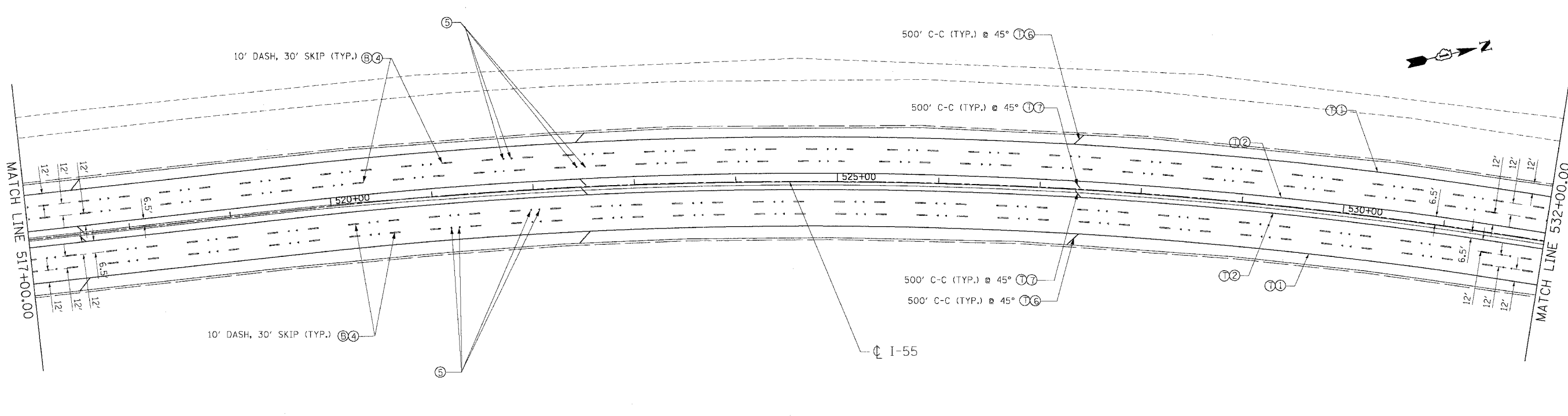
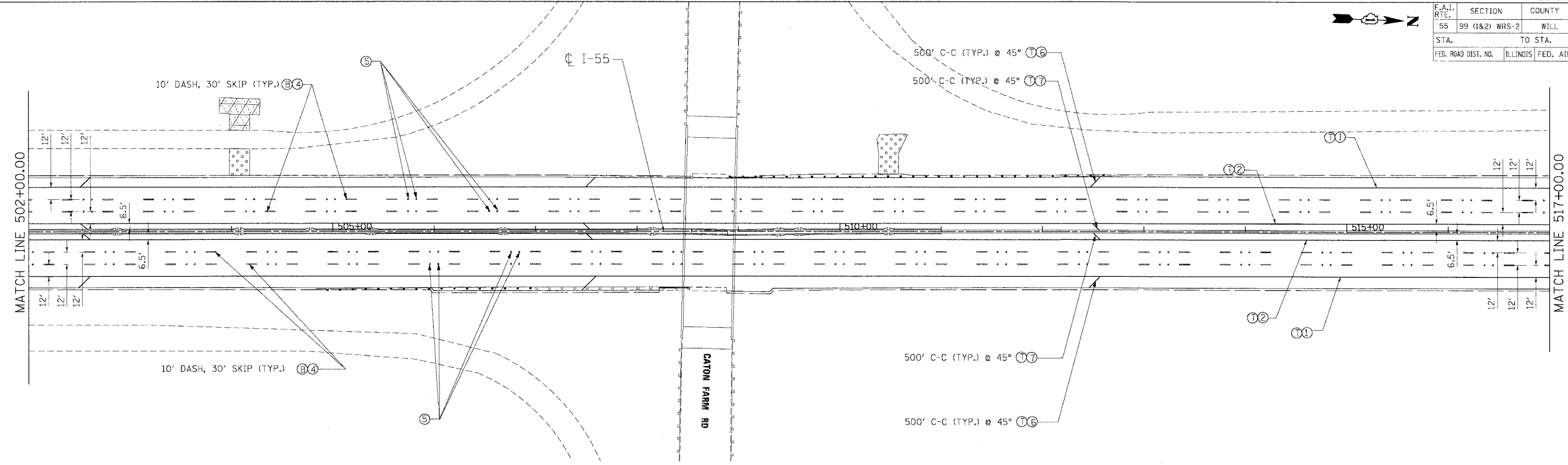
MORCOM, N.V., INC.
CONSULTING ENGINEERS
CHICAGO, ILLINOIS

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
WIDENING AND RESURFACING
**PAVEMENT MARKING AND LANDSCAPING
FAI 55
STA. 472+00.00 TO STA. 502+00.00**
SCALE: 1"=50'
DATE 03/15/07
DRAWN BY MW
CHECKED BY DDH
TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLOT DATE = 03/15/07
 USER = ddh
 PLOT NAME = 60B46.DWG
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 3-15-2007 12:17:51

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	154
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



PAVEMENT MARKING LEGEND

- | | | |
|-------------------------------------|--|-----------------------------|
| ① PAVEMENT MARKING LINE 4" (WHITE) | ⑥ PAVEMENT MARKING LINE 12" (WHITE) | ① THERMOPLASTIC (EXTRUDED) |
| ② PAVEMENT MARKING LINE 4" (YELLOW) | ⑦ PAVEMENT MARKING LINE 12" (YELLOW) | ② POLYUREA |
| ③ PAVEMENT MARKING LINE 8" (WHITE) | ⑧ RAISED REFLECTIVE PAVEMENT MARKER (SINGLE, ONE-WAY, CRYSTAL MARKERS @ 40' C-C) | ③ PREFORMED PLASTIC, TYPE B |
| ④ PAVEMENT MARKING LINE 5" (WHITE) | ⑨ RAISED REFLECTIVE PAVEMENT MARKER (DOUBLE, ONE-WAY, CRYSTAL MARKERS @ 80' C-C) | |

LANDSCAPING LEGEND

- | | |
|--|--|
| | SEEDING CLASS 2A WITH TOPSOIL FURNISH AND PLACE, 6" AND EROSION CONTROL BLANKET |
| | SEEDING CLASS 4 WITH COMPOST FURNISH AND PLACE, 4" AND EROSION CONTROL BLANKET |
| | SEEDING, CLASS 4B (MODIFIED) WITH COMPOST FURNISH AND PLACE, 4" AND MULCH METHOD 2 |

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
 WIDENING AND RESURFACING

**PAVEMENT MARKING AND LANDSCAPING
 FAI 55
 STA. 502+00.00 TO STA. 532+00.00**

SCALE: 1"=50'
 DATE: 03/15/07
 DRAWN BY: MW
 CHECKED BY: DDH

TENG
 TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

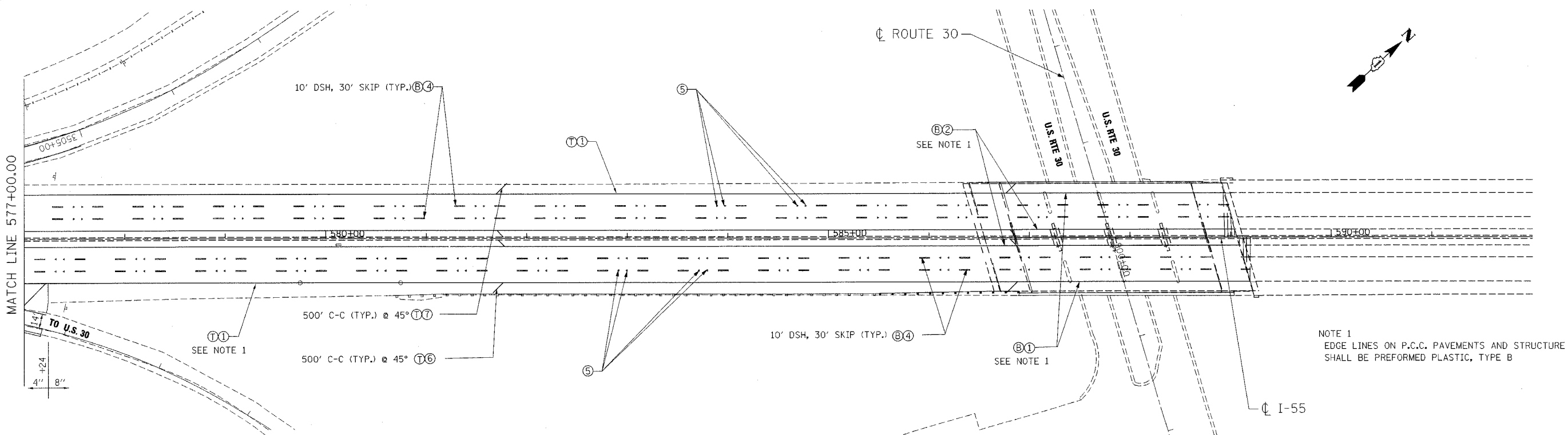
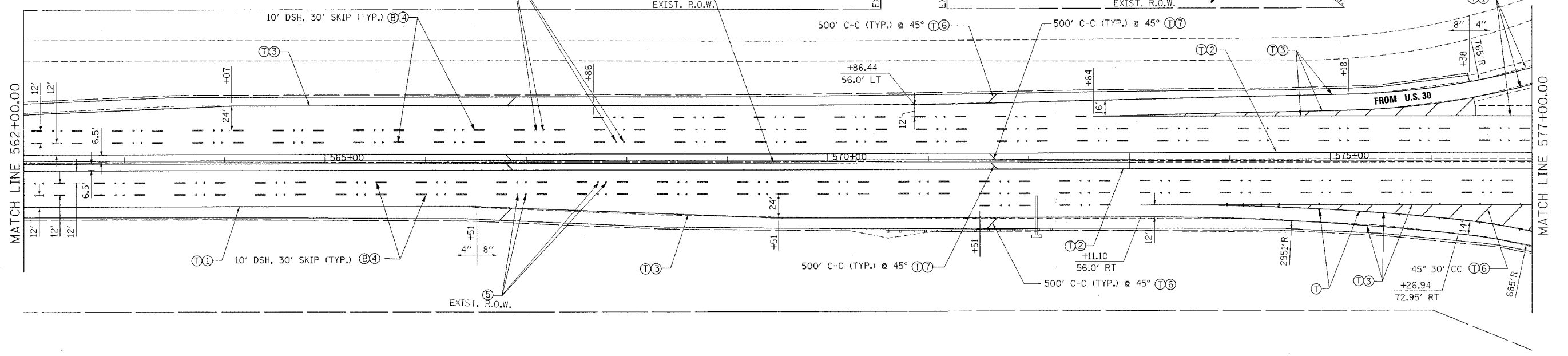
MORCOM, N.V., INC.
 CONSULTING ENGINEERS
 CHICAGO, ILLINOIS

PLOT DATE: 03/15/07
 PLOT SCALE: 1"=50'
 USER NAME: MUSE18

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CONTRACT NO. 60B46

F.A.I. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	156
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



PAVEMENT MARKING LEGEND

- ① PAVEMENT MARKING LINE 4" (WHITE)
- ② PAVEMENT MARKING LINE 4" (YELLOW)
- ③ PAVEMENT MARKING LINE 8" (WHITE)
- ④ PAVEMENT MARKING LINE 5" (WHITE)
- ⑤ RAISED REFLECTIVE PAVEMENT MARKER (DOUBLE, ONE-WAY, CRYSTAL MARKERS @ 80' C-C)

- ⑥ PAVEMENT MARKING LINE 12" (WHITE)
- ⑦ PAVEMENT MARKING LINE 12" (YELLOW)
- ⑧ RAISED REFLECTIVE PAVEMENT MARKER (SINGLE, ONE-WAY, CRYSTAL MARKERS @ 40' C-C)
- ⑨ RAISED REFLECTIVE PAVEMENT MARKER (SINGLE, ONE-WAY, CRYSTAL MARKERS @ 45' C-C)

- Ⓣ THERMOPLASTIC (EXTRUDED)
- Ⓟ POLYUREA
- Ⓟ PREFORMED PLASTIC, TYPE B

LANDSCAPING LEGEND

- SEEDING CLASS 2A WITH TOPSOIL FURNISH AND PLACE, 6" AND EROSION CONTROL BLANKET
- SEEDING CLASS 4 WITH COMPOST FURNISH AND PLACE, 4" AND EROSION CONTROL BLANKET
- SEEDING, CLASS 4B (MODIFIED) WITH COMPOST FURNISH AND PLACE, 4" AND MULCH METHOD 2

NOTE:
FOR DETENTION BASIN DETAILS
SEE DRAINAGE DETAILS, SHEET 140

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
WIDENING AND RESURFACING

**PAVEMENT MARKING AND LANDSCAPING
FAI 55
STA. 562+00.00 TO STA. 592+00.00**

SCALE: 1"=50'
DATE 03/22/07
DRAWN BY MW
CHECKED BY DDH
TENG TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

MORCOM, N.V., INC.
CONSULTING ENGINEERS
CHICAGO, ILLINOIS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	157
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SCHEDULE OF QUANTITIES - SIGNING

PAY ITEM	SIGN PANEL, TY 3 AND STRUCTURES												
	SIGN NO.		1G0991055R255.4		1G0991055R256.7		SIGN PANEL	SIGN PANEL	SIGN PANEL	SIGN PANEL	SIGN PANEL	MILEPOST	SIGN PANEL
	STATION		475+45	MP 255.37	545+30	MP 256.7	ASSEMBLY	TYPE 3	ASSEMBLY	TYPE 2	ASSEMBLY	MARKER	ASSEMBLY
	SIZE (WIDTHxHEIGHT)		20'x10'		10'-6"x7'		TYPE 3	TYPE 3	TYPE 2	TYPE 2	TYPE B	ASSEMBLY	TYPE A
TOTAL QUANTITY	UNIT	INSTALLATION	REMOVAL	INSTALLATION	REMOVAL	INSTALLATION	REMOVAL	INSTALLATION	REMOVAL	REMOVAL	INSTALLATION	REMOVAL	
REINFORCEMENT BARS	360	POUND	200		160								
SIGN PANEL - TYPE 2	169	SQ FT						169					
SIGN PANEL - TYPE 3	2133	SQ FT	200		73.5		1859.5						
REMOVE SIGN PANEL ASSEMBLY - TYPE A	9	EACH											9
REMOVE SIGN PANEL ASSEMBLY - TYPE B	11	EACH									11		
REMOVE SIGN PANEL - TYPE 2	20	SQ FT							20				
REMOVE SIGN PANEL - TYPE 3	2018	SQ FT		200		70		1748					
MILE POST MARKER ASSEMBLY	7	EACH										7	
STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	1546	POUND	1235	310.5									
WOOD SIGN SUPPORT	300	FOOT				120		180					
CONCRETE FOUNDATIONS	3.9	CU YD	2.54		1.4								
REMOVE GROUND-MOUNTED SIGN SUPPORT	5	EACH		2		3							
REMOVE CONCRETE FOUNDATION - GROUND MOUNT	5	EACH		2		3							

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
 WIDENING AND RESURFACING

**SCHEDULE OF QUANTITIES
 SIGNING**

SCALE: N.T.S. DRAWN BY AG
 DATE 02/23/07 CHECKED BY DH

TENG TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	158
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

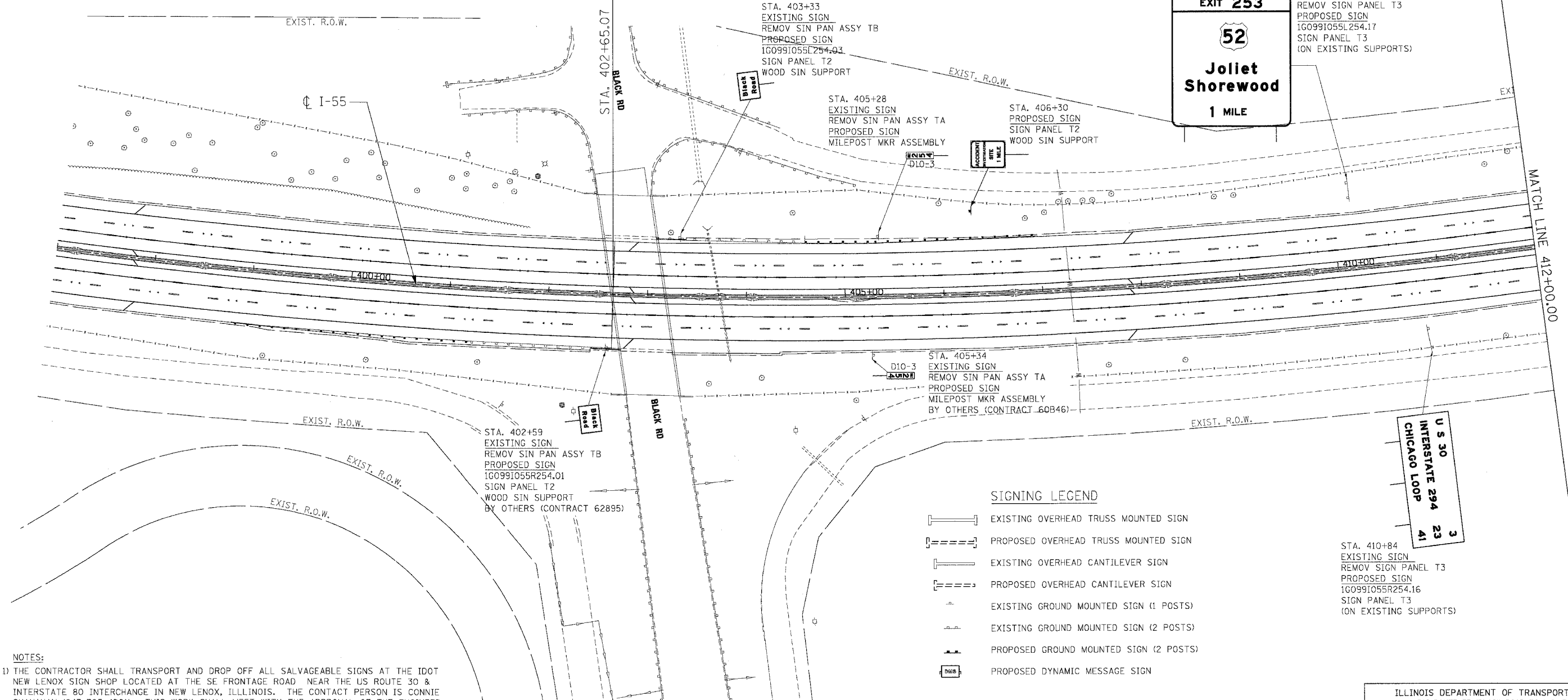
STRUCTURE NUMBER	STATION	SIGN PANEL TYPE	NO. OF POSTS	POST SIZE	PANEL WIDTH (W)	PANEL HEIGHT (H)	TOTAL SIGN AREA
1G0991055R255.4	475+45	3	2	W10x26	20'	10'	200 SQ FT
1G0991055R256.7	545+30	3	2	W6x9	10'-6"	7'	73.5 SQ FT

**TOTAL BILL OF MATERIAL
FOR STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY**

ITEM	UNIT	TOTAL
REINFORCEMENT BARS	POUND	360
STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	1546
CONCRETE FOUNDATIONS	CU YD	3.9



END PROJECT CONTRACT NO. C-62895 BEGIN PROJECT CONTRACT NO. C-60B46



SIGNING LEGEND

- EXISTING OVERHEAD TRUSS MOUNTED SIGN
- PROPOSED OVERHEAD TRUSS MOUNTED SIGN
- EXISTING OVERHEAD CANTILEVER SIGN
- PROPOSED OVERHEAD CANTILEVER SIGN
- EXISTING GROUND MOUNTED SIGN (1 POSTS)
- EXISTING GROUND MOUNTED SIGN (2 POSTS)
- PROPOSED GROUND MOUNTED SIGN (2 POSTS)
- PROPOSED DYNAMIC MESSAGE SIGN

NOTES:

- 1) THE CONTRACTOR SHALL TRANSPORT AND DROP OFF ALL SALVAGEABLE SIGNS AT THE IDOT NEW LENOX SIGN SHOP LOCATED AT THE SE FRONTAGE ROAD NEAR THE US ROUTE 30 & INTERSTATE 80 INTERCHANGE IN NEW LENOX, ILLINOIS. THE CONTACT PERSON IS CONNIE SHANAHAN (847-705-4501). THIS WORK SHALL MEET WITH THE APPROVAL OF THE ENGINEER AND THE COST SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "REMOVE SIGN PANEL ASSEMBLY" OF THE TYPE SPECIFIED OR "REMOVE SIGN PANEL - TYPE 3".
- 2) EXISTING BUSINESS LOGO PANELS SHALL BE REMOVED FROM THE EXISTING SERVICE SIGNS AND INSTALLED ON THE NEW SERVICE SIGNS.
- 3) SEE SHEETS 175 TO 177 FOR STRUCTURAL STEEL SIGN SUPPORT BREAK-AWAY DETAILS.
- 4) SEE STANDARD 720006 FOR SIGN PANEL ERECTION DETAILS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
WIDENING AND RESURFACING

**SIGNING PLAN
FAI 55
STA. 402+65.07 TO STA. 412+00.00**

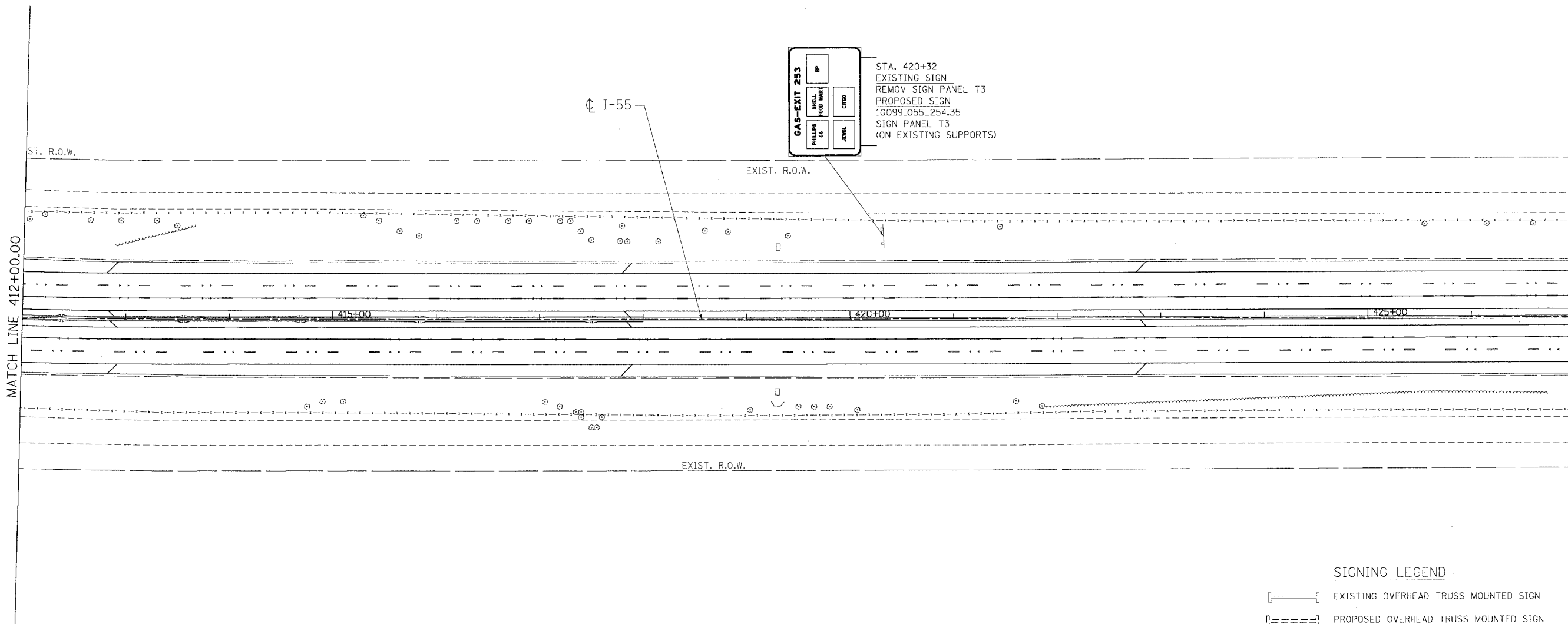
SCALE: 1"=50' DRAWN BY MW
DATE: 02/23/07 CHECKED BY DDH

TENG TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) WRS-2	WILL	228	159

STA.	TO STA.
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT



SIGNING LEGEND

	EXISTING OVERHEAD TRUSS MOUNTED SIGN
	PROPOSED OVERHEAD TRUSS MOUNTED SIGN
	EXISTING OVERHEAD CANTILEVER SIGN
	PROPOSED OVERHEAD CANTILEVER SIGN
	EXISTING GROUND MOUNTED SIGN (1 POSTS)
	EXISTING GROUND MOUNTED SIGN (2 POSTS)
	PROPOSED GROUND MOUNTED SIGN (2 POSTS)
	PROPOSED DYNAMIC MESSAGE SIGN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
WIDENING AND RESURFACING

SIGNING PLAN
FAI 55
STA. 412+00.00 TO STA. 427+00.00

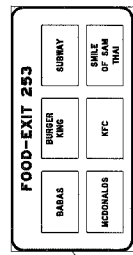
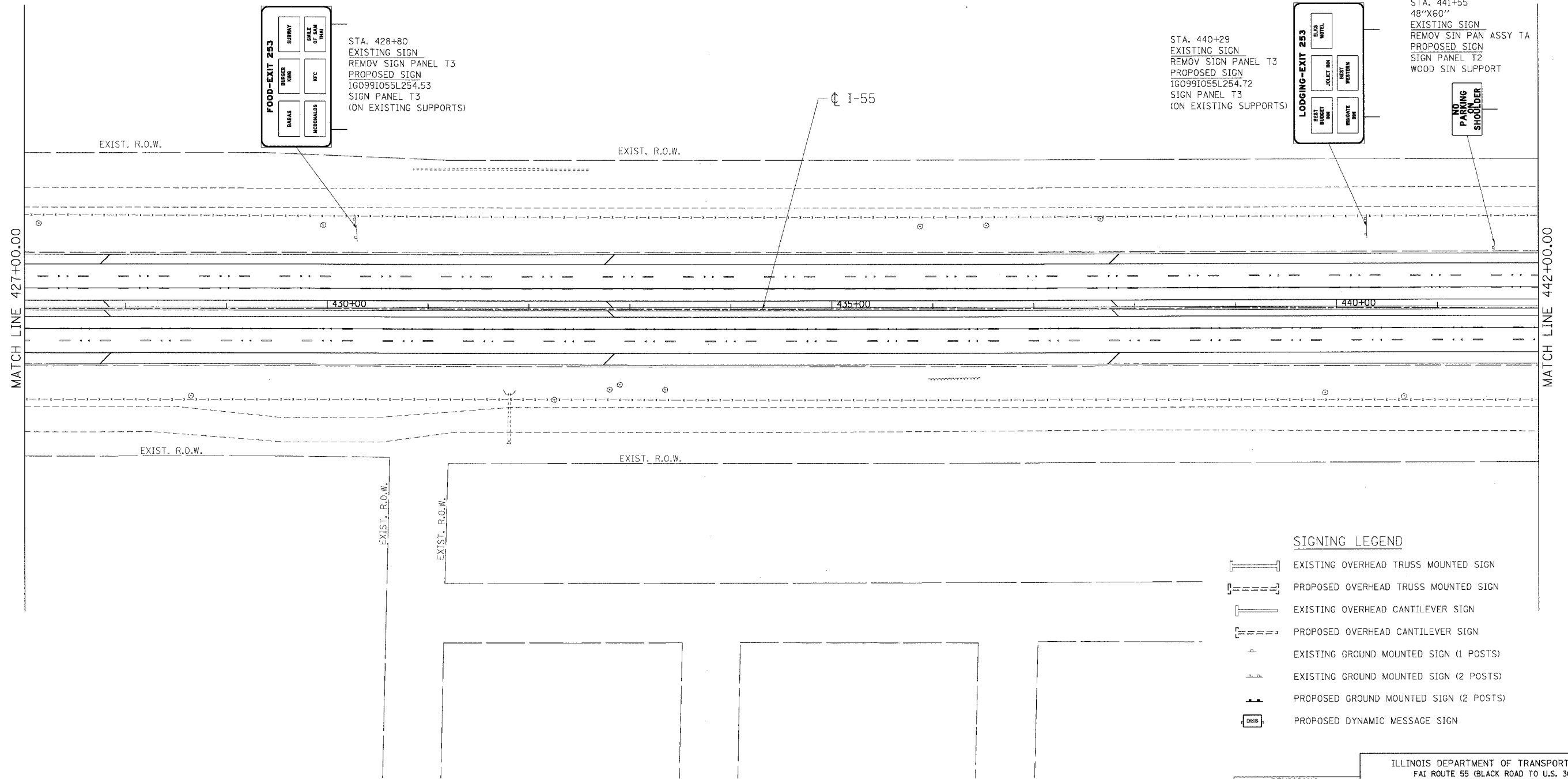
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DATE 02/23/07

DRAWN BY MW
CHECKED BY DDH

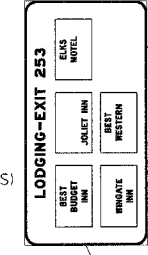
TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

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USER NAME = #USER#
2-28-2007 10:28:38 GARCIAZ SANDOZ\ADMIN\2007\02\28\2007_02_28\102838.DWG

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) WRS-2	WILL	228	160
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



STA. 428+80
EXISTING SIGN
REMOV SIGN PANEL T3
PROPOSED SIGN
IG0991055L254.53
SIGN PANEL T3
(ON EXISTING SUPPORTS)



STA. 440+29
EXISTING SIGN
REMOV SIGN PANEL T3
PROPOSED SIGN
IG0991055L254.72
SIGN PANEL T3
(ON EXISTING SUPPORTS)

STA. 441+55
48"X60"
EXISTING SIGN
REMOV SIGN PAN ASSY TA
PROPOSED SIGN
SIGN PANEL T2
WOOD SIGN SUPPORT



SIGNING LEGEND

- EXISTING OVERHEAD TRUSS MOUNTED SIGN
- PROPOSED OVERHEAD TRUSS MOUNTED SIGN
- EXISTING OVERHEAD CANTILEVER SIGN
- PROPOSED OVERHEAD CANTILEVER SIGN
- EXISTING GROUND MOUNTED SIGN (1 POSTS)
- EXISTING GROUND MOUNTED SIGN (2 POSTS)
- PROPOSED GROUND MOUNTED SIGN (2 POSTS)
- PROPOSED DYNAMIC MESSAGE SIGN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
WIDENING AND RESURFACING

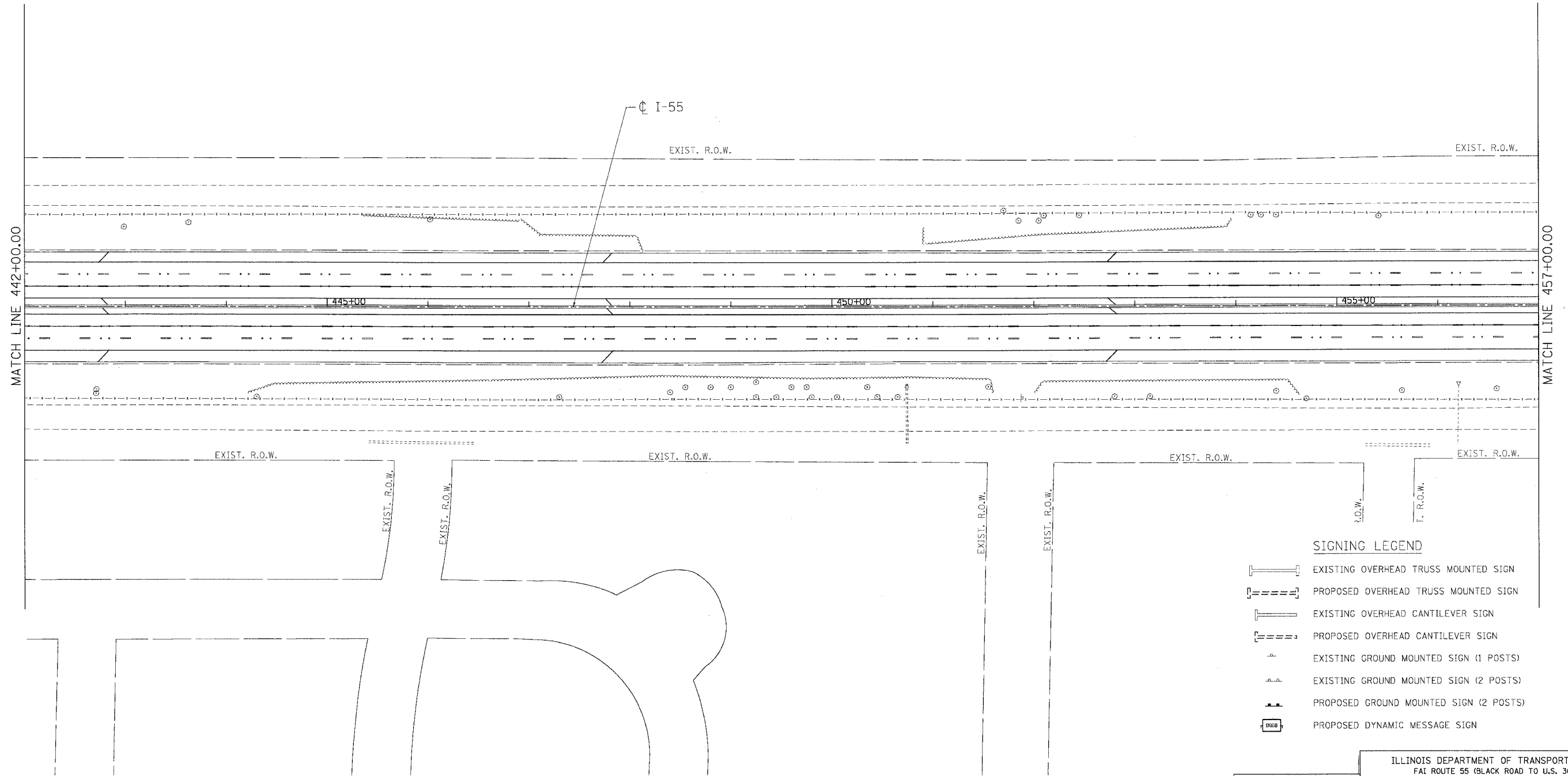
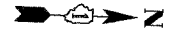
SIGNING PLAN
FAI 55
STA. 427+00.00 TO STA. 442+00.00

SCALE: 1"=50'
DATE 02/23/07
DRAWN BY MW
CHECKED BY DDH

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLOT DATE = 02/23/07
 FILE NAME = 022307
 PLOT SCALE = 1"=50'
 USER NAME = JUSER

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	161
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



SIGNING LEGEND

	EXISTING OVERHEAD TRUSS MOUNTED SIGN
	PROPOSED OVERHEAD TRUSS MOUNTED SIGN
	EXISTING OVERHEAD CANTILEVER SIGN
	PROPOSED OVERHEAD CANTILEVER SIGN
	EXISTING GROUND MOUNTED SIGN (1 POSTS)
	EXISTING GROUND MOUNTED SIGN (2 POSTS)
	PROPOSED GROUND MOUNTED SIGN (2 POSTS)
	PROPOSED DYNAMIC MESSAGE SIGN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
 WIDENING AND RESURFACING

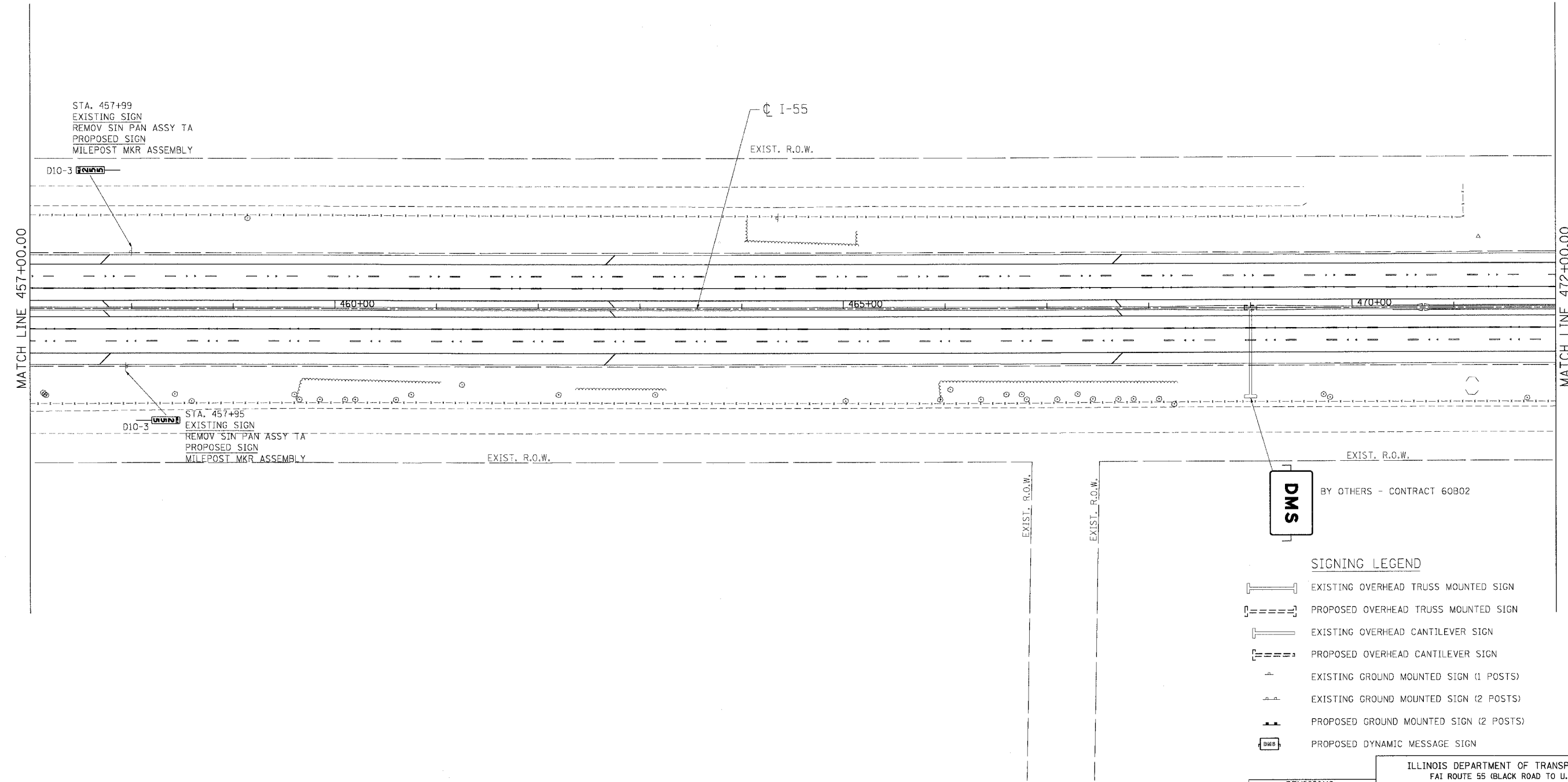
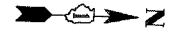
SIGNING PLAN
FAI 55
STA. 442+00.00 TO STA. 457+00.00

SCALE: 1"=50'
 DATE 02/23/07
 DRAWN BY MW
 CHECKED BY DDH

TENG TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

PLOT DATE = 02/23/07
 FILE NAME = 02FAI55
 PLOT SCALE = 1/4"=1'-0"
 USER NAME = 02FAI55

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	162
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



DMS
BY OTHERS - CONTRACT 60B02

- SIGNING LEGEND**
- [Symbol] EXISTING OVERHEAD TRUSS MOUNTED SIGN
 - [Symbol] PROPOSED OVERHEAD TRUSS MOUNTED SIGN
 - [Symbol] EXISTING OVERHEAD CANTILEVER SIGN
 - [Symbol] PROPOSED OVERHEAD CANTILEVER SIGN
 - [Symbol] EXISTING GROUND MOUNTED SIGN (1 POSTS)
 - [Symbol] EXISTING GROUND MOUNTED SIGN (2 POSTS)
 - [Symbol] PROPOSED GROUND MOUNTED SIGN (2 POSTS)
 - [Symbol] PROPOSED DYNAMIC MESSAGE SIGN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
 WIDENING AND RESURFACING

SIGNING PLAN
FAI 55
STA. 457+00.00 TO STA. 472+00.00

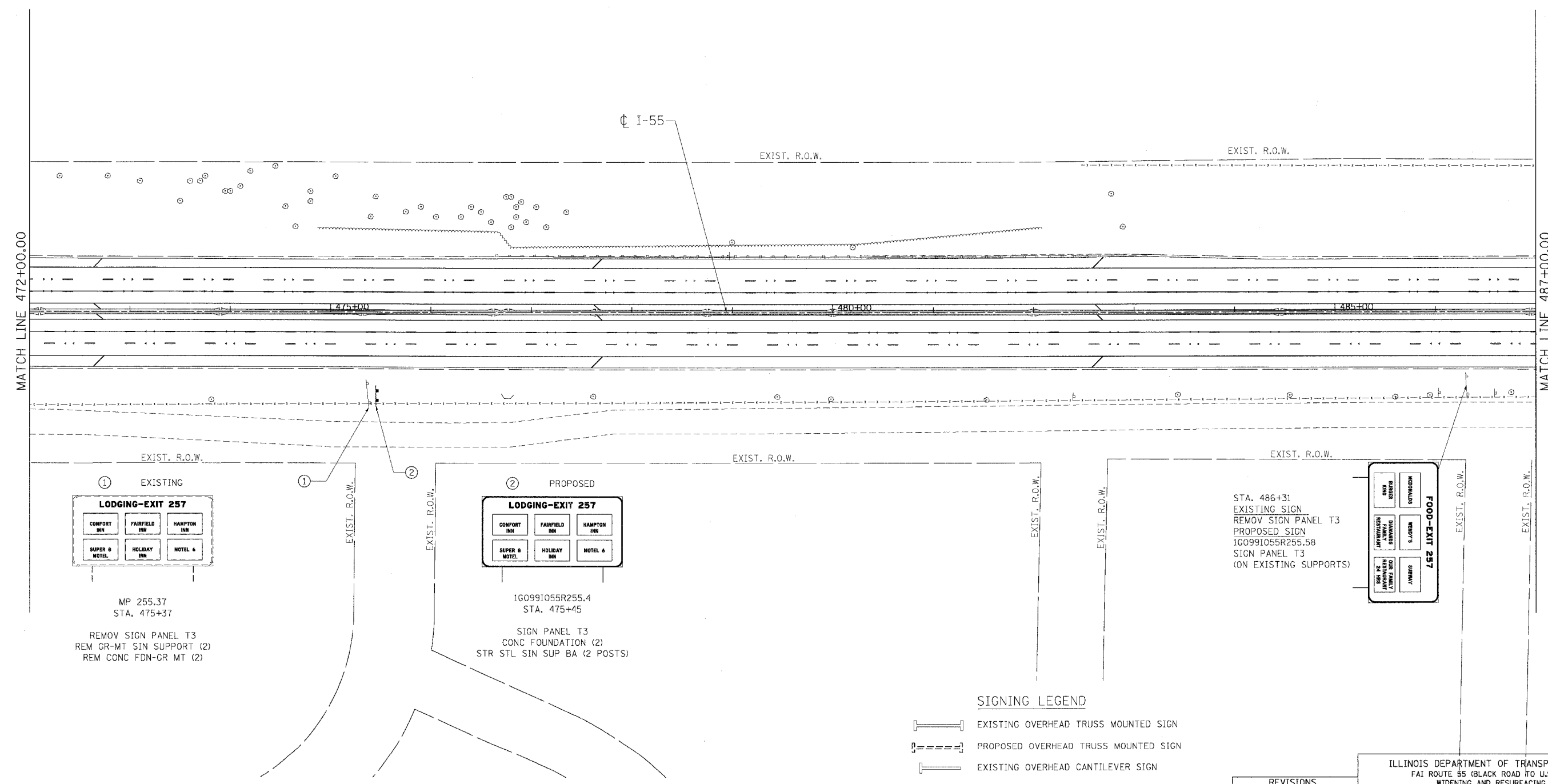
SCALE: 1"=50'
 DATE 02/23/07

DRAWN BY MW
 CHECKED BY DDH

TENG
 TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

PLOT DATE: 02/23/07
 FILE NAME: I:\PROJECTS\60B46\DWG\60B46_SIGNING_PLAN.dwg
 USER: DDH
 DATE: 02/23/07 10:00 AM
 PLOTTER: HP DesignJet 5000PS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	163
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



① EXISTING

LODGING-EXIT 257

COMFORT INN	FAIRFIELD INN	HAMPTON INN
SUPER 8 MOTEL	HOLIDAY INN	MOTEL 6

MP 255.37
STA. 475+37

REMOV SIGN PANEL T3
REM GR-MT SIN SUPPORT (2)
REM CONC FDN-GR MT (2)

② PROPOSED

LODGING-EXIT 257

COMFORT INN	FAIRFIELD INN	HAMPTON INN
SUPER 8 MOTEL	HOLIDAY INN	MOTEL 6

1G0991055R255.4
STA. 475+45

SIGN PANEL T3
CONC FOUNDATION (2)
STR STL SIN SUP BA (2 POSTS)

STA. 486+31
EXISTING SIGN
REMOV SIGN PANEL T3
PROPOSED SIGN
1G0991055R255.58
SIGN PANEL T3
(ON EXISTING SUPPORTS)

FOOD-EXIT 257

RESTAURANT	RESTAURANT	RESTAURANT
RESTAURANT	RESTAURANT	RESTAURANT

SIGNING LEGEND

- EXISTING OVERHEAD TRUSS MOUNTED SIGN
- PROPOSED OVERHEAD TRUSS MOUNTED SIGN
- EXISTING OVERHEAD CANTILEVER SIGN
- PROPOSED OVERHEAD CANTILEVER SIGN
- EXISTING GROUND MOUNTED SIGN (1 POSTS)
- EXISTING GROUND MOUNTED SIGN (2 POSTS)
- PROPOSED GROUND MOUNTED SIGN (2 POSTS)
- PROPOSED DYNAMIC MESSAGE SIGN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
WIDENING AND RESURFACING

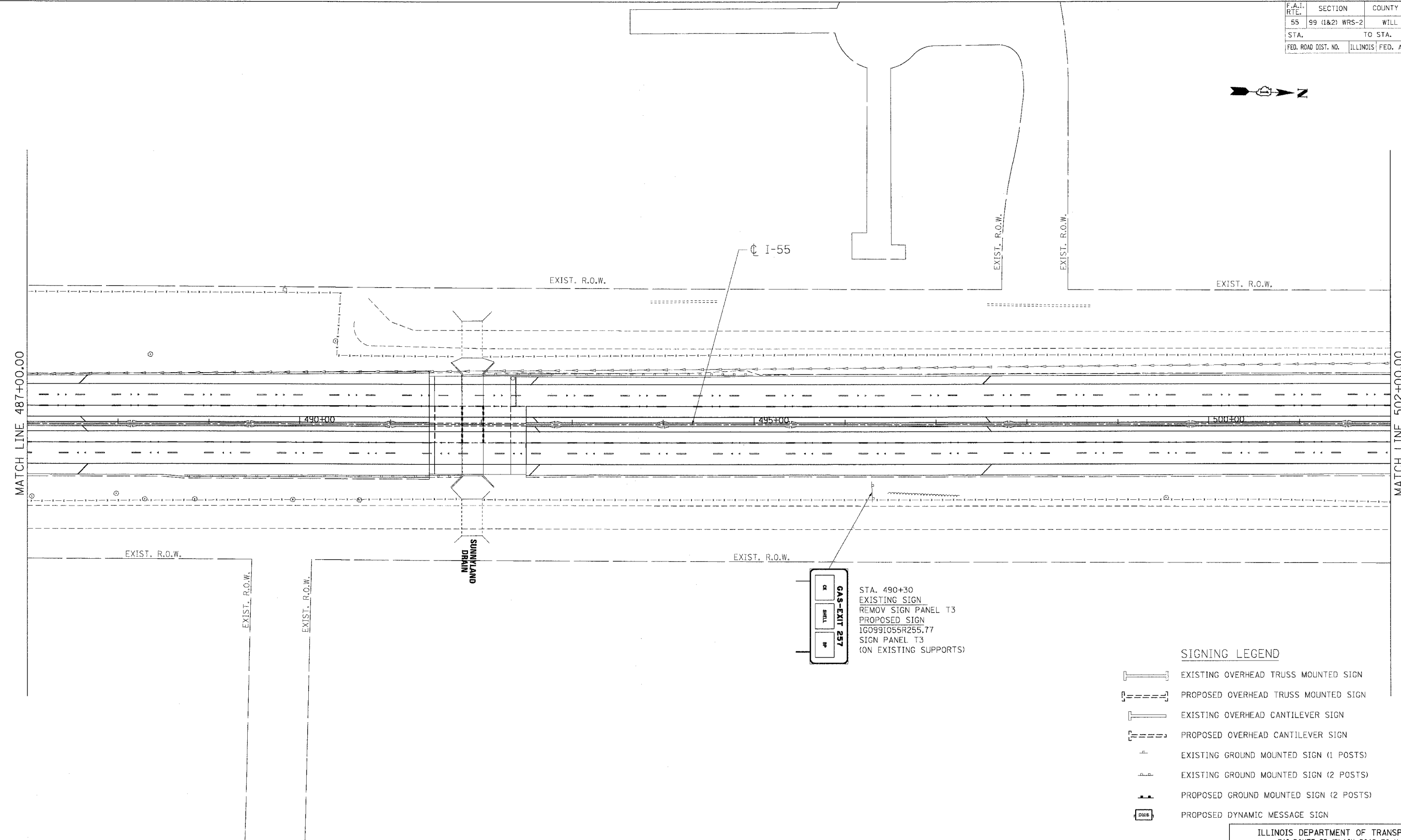
SIGNING PLAN
FAI 55
STA. 472+00.00 TO STA. 487+00.00

SCALE: 1"=50'
DATE 02/23/07
DRAWN BY MW
CHECKED BY DDH

TENG TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLOT DATE = 02/23/07
 FILE NAME = I:\PROJECTS\60B46\DRAWING\60B46_SIGNING_PLAN.DWG
 USER NAME = JGARDNER
 2-23-2007 1:00:19
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	164
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



GAS-EXIT 237
 STA. 490+30
 EXISTING SIGN
 REMOVE SIGN PANEL T3
 PROPOSED SIGN
 1G099I055R255.77
 SIGN PANEL T3
 (ON EXISTING SUPPORTS)

SIGNING LEGEND

- EXISTING OVERHEAD TRUSS MOUNTED SIGN
- PROPOSED OVERHEAD TRUSS MOUNTED SIGN
- EXISTING OVERHEAD CANTILEVER SIGN
- PROPOSED OVERHEAD CANTILEVER SIGN
- EXISTING GROUND MOUNTED SIGN (1 POSTS)
- EXISTING GROUND MOUNTED SIGN (2 POSTS)
- PROPOSED GROUND MOUNTED SIGN (2 POSTS)
- PROPOSED DYNAMIC MESSAGE SIGN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
 WIDENING AND RESURFACING

SIGNING PLAN
FAI 55
STA. 487+00.00 TO STA. 502+00.00

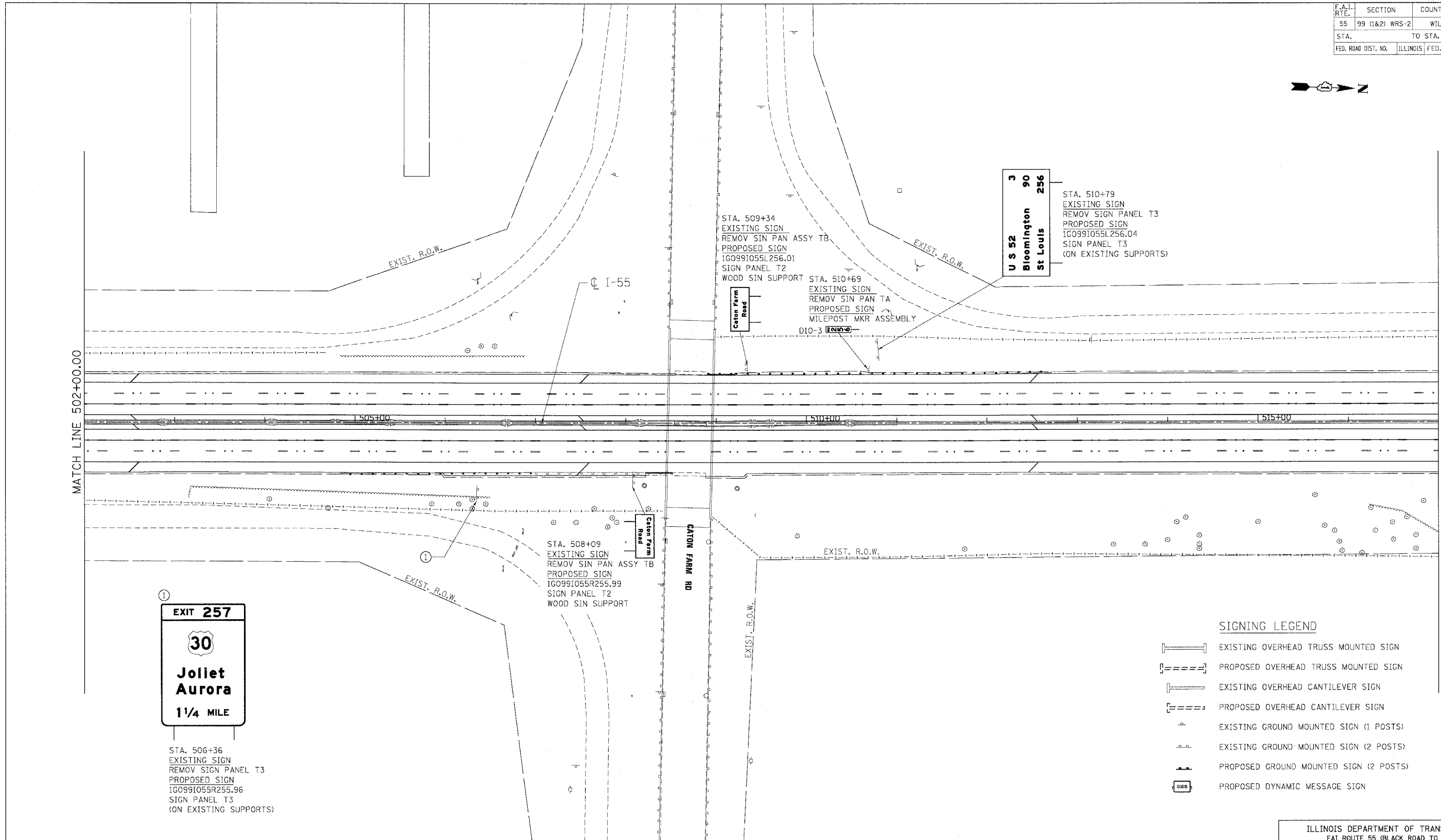
SCALE: 1"=50'
 DATE 02/23/07

DRAWN BY MW
 CHECKED BY DDH

TENG
 TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

PLOT DATE = 02/23/07
 FILE NAME = 022307.DWG
 USER NAME = DDH
 USER NAME = DDH

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL.	228	165
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



U S 52
 Bloomington
 St Louis
3 90 256

EXIT 257
 30
Joliet
Aurora
 1 1/4 MILE

STA. 506+36
 EXISTING SIGN
 REMOV SIGN PANEL T3
 PROPOSED SIGN
 1G0991055R255.96
 SIGN PANEL T3
 (ON EXISTING SUPPORTS)

STA. 508+09
 EXISTING SIGN
 REMOV SIN PAN ASSY TB
 PROPOSED SIGN
 1G0991055R255.99
 SIGN PANEL T2
 WOOD SIN SUPPORT

STA. 509+34
 EXISTING SIGN
 REMOV SIN PAN ASSY TB
 PROPOSED SIGN
 1G0991055L256.01
 SIGN PANEL T2
 WOOD SIN SUPPORT

STA. 510+69
 EXISTING SIGN
 REMOV SIN PAN TA
 PROPOSED SIGN
 MILEPOST MKR ASSEMBLY
 D10-3

STA. 510+79
 EXISTING SIGN
 REMOV SIGN PANEL T3
 PROPOSED SIGN
 1G0991055L256.04
 SIGN PANEL T3
 (ON EXISTING SUPPORTS)

SIGNING LEGEND

- [Symbol] EXISTING OVERHEAD TRUSS MOUNTED SIGN
- [Symbol] PROPOSED OVERHEAD TRUSS MOUNTED SIGN
- [Symbol] EXISTING OVERHEAD CANTILEVER SIGN
- [Symbol] PROPOSED OVERHEAD CANTILEVER SIGN
- [Symbol] EXISTING GROUND MOUNTED SIGN (1 POSTS)
- [Symbol] EXISTING GROUND MOUNTED SIGN (2 POSTS)
- [Symbol] PROPOSED GROUND MOUNTED SIGN (2 POSTS)
- [Symbol] PROPOSED DYNAMIC MESSAGE SIGN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
 WIDENING AND RESURFACING

SIGNING PLAN
FAI 55
STA. 502+00.00 TO STA. 517+00.00

SCALE: 1"=50' DRAWN BY MW
 DATE 02/23/07 CHECKED BY DDH

TENG
 TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

PLOT DATE = 02/28/07
 TITLE = SIGNING PLAN
 USER = R. R. RUGIERA
 PLOT DATE = 02/28/07
 FILE NAME = 2-28-07-1964-43
 USER = R. R. RUGIERA
 PLOT DATE = 02/28/07
 FILE NAME = 2-28-07-1964-43
 USER = R. R. RUGIERA

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL.	228	167
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



STA. 544+04
48"X60"
EXISTING SIGN
REMOV SIN PAN ASSY TA
PROPOSED SIGN
SIGN PANEL T2
WOOD SIN SUPPORT



☉ I-55

EXIST. R.O.W.

EXIST. R.O.W.

EXIST. R.O.W.

MATCH LINE 547+00.00

MATCH LINE 532+00.00

535+00

540+00

545+00

EXIST. R.O.W.

① EXISTING



MP 256.7
STA. 545+22

REMOV SIGN PANEL T3
REM GR-MT SIN SUPPORT (2)
REM CONC FDN-GR MT (2)

② PROPOSED



1G0991055R256.7
STA. 545+30

SIGN PANEL T3
CONC FOUNDATION (2)
STR STL SIN SUP BA (2 POSTS)

SIGNING LEGEND

- EXISTING OVERHEAD TRUSS MOUNTED SIGN
- PROPOSED OVERHEAD TRUSS MOUNTED SIGN
- EXISTING OVERHEAD CANTILEVER SIGN
- PROPOSED OVERHEAD CANTILEVER SIGN
- EXISTING GROUND MOUNTED SIGN (1 POSTS)
- EXISTING GROUND MOUNTED SIGN (2 POSTS)
- PROPOSED GROUND MOUNTED SIGN (2 POSTS)
- PROPOSED DYNAMIC MESSAGE SIGN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
WIDENING AND RESURFACING

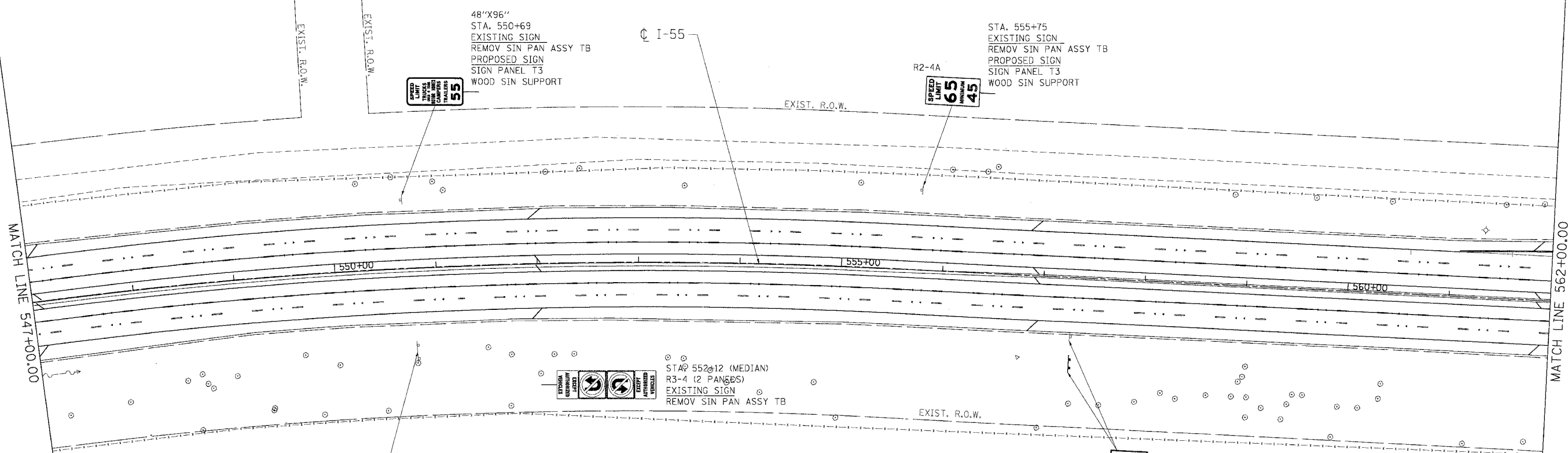
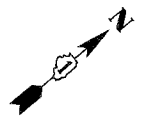
SIGNING PLAN
FAI 55
STA. 532+00.00 TO STA. 547+00.00

SCALE: 1"=50'
DATE 02/23/07
DRAWN BY MW
CHECKED BY DDH

TENG TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLOT DATE = 02/23/07
 FILE NAME = 02FILE08
 PLOT SCALE = 1/4"=1'-0"
 USER NAME = 02BEN

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	169
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



48"X96"
 STA. 550+69
 EXISTING SIGN
 REMOV SIN PAN ASSY TB
 PROPOSED SIGN
 SIGN PANEL T3
 WOOD SIN SUPPORT

STA. 555+75
 EXISTING SIGN
 REMOV SIN PAN ASSY TB
 PROPOSED SIGN
 SIGN PANEL T3
 WOOD SIN SUPPORT

STA 552+12 (MEDIAN)
 R3-4 (2 PANELS)
 EXISTING SIGN
 REMOV SIN PAN ASSY TB

STA. 557+29
 EXISTING SIGN
 REMOV SIN PAN ASSY TB
 PROPOSED SIGN
 1G0991055R256.92
 SIGN PANEL T2
 WOOD SIN SUPPORT

EXIT 257
 30
 Joliet
 Aurora
 1/2 MILE

STA. 550+79
 EXISTING SIGN
 REMOV SIGN PANEL T3
 PROPOSED SIGN
 1G0991055R256.8
 SIGN PANEL T3
 (ON EXISTING SUPPORTS)

SIGNING LEGEND

- EXISTING OVERHEAD TRUSS MOUNTED SIGN
- PROPOSED OVERHEAD TRUSS MOUNTED SIGN
- EXISTING OVERHEAD CANTILEVER SIGN
- PROPOSED OVERHEAD CANTILEVER SIGN
- EXISTING GROUND MOUNTED SIGN (1 POSTS)
- EXISTING GROUND MOUNTED SIGN (2 POSTS)
- PROPOSED GROUND MOUNTED SIGN (2 POSTS)
- PROPOSED DYNAMIC MESSAGE SIGN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
 WIDENING AND RESURFACING

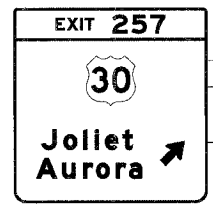
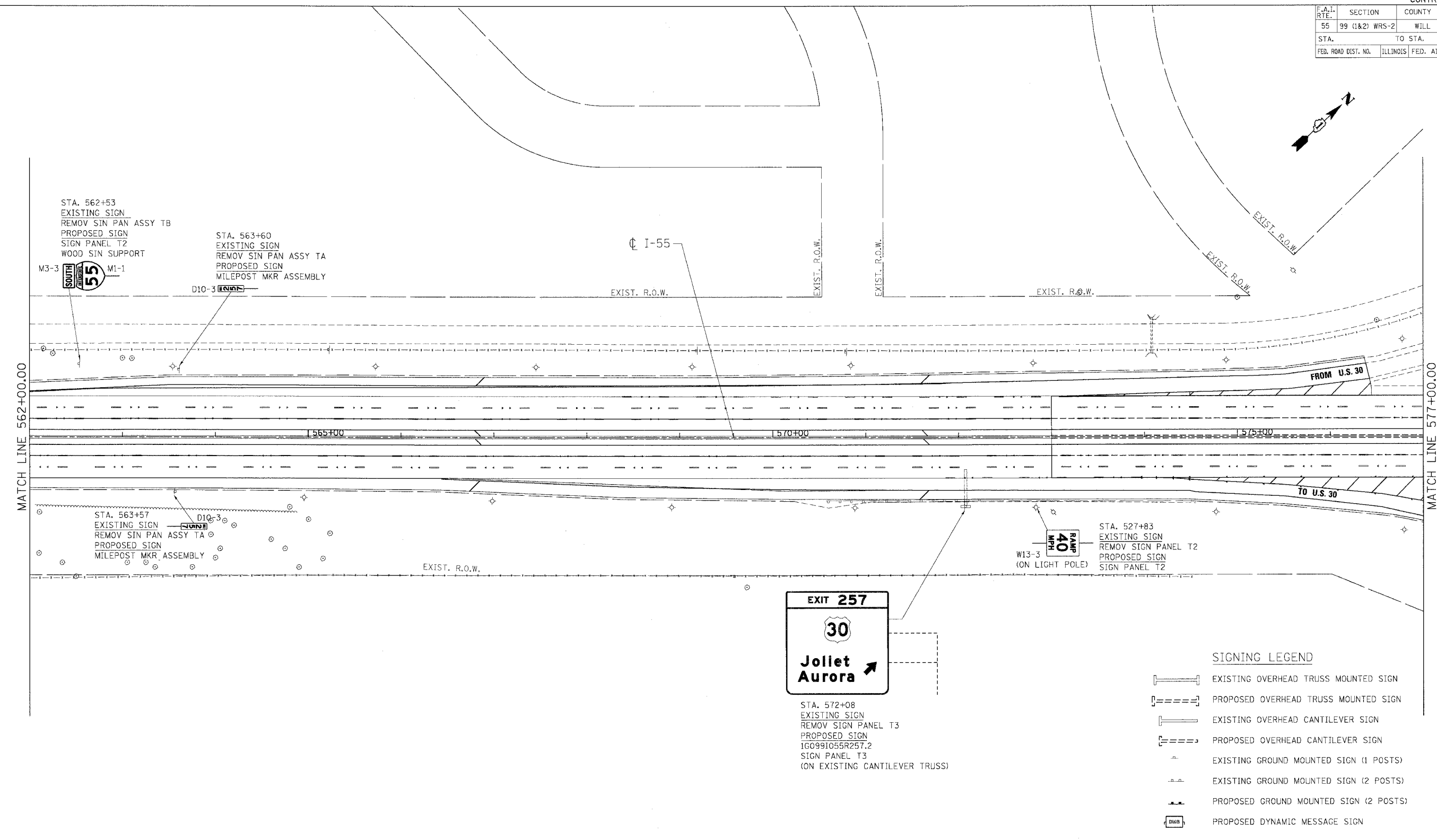
SIGNING PLAN
FAI 55
STA. 547+00.00 TO STA. 562+00.00

SCALE: 1"=50'
 DATE 02/23/07
 DRAWN BY MW
 CHECKED BY DDH

TENG
 TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

PLOT DATE = 02/23/07
 FILE NAME = 02FILE09
 PLOT SCALE = 1"=50'
 USER NAME = DDH

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL.	228	169
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



SIGNING LEGEND

- EXISTING OVERHEAD TRUSS MOUNTED SIGN
- PROPOSED OVERHEAD TRUSS MOUNTED SIGN
- EXISTING OVERHEAD CANTILEVER SIGN
- PROPOSED OVERHEAD CANTILEVER SIGN
- EXISTING GROUND MOUNTED SIGN (1 POSTS)
- EXISTING GROUND MOUNTED SIGN (2 POSTS)
- PROPOSED GROUND MOUNTED SIGN (2 POSTS)
- PROPOSED DYNAMIC MESSAGE SIGN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
 WIDENING AND RESURFACING

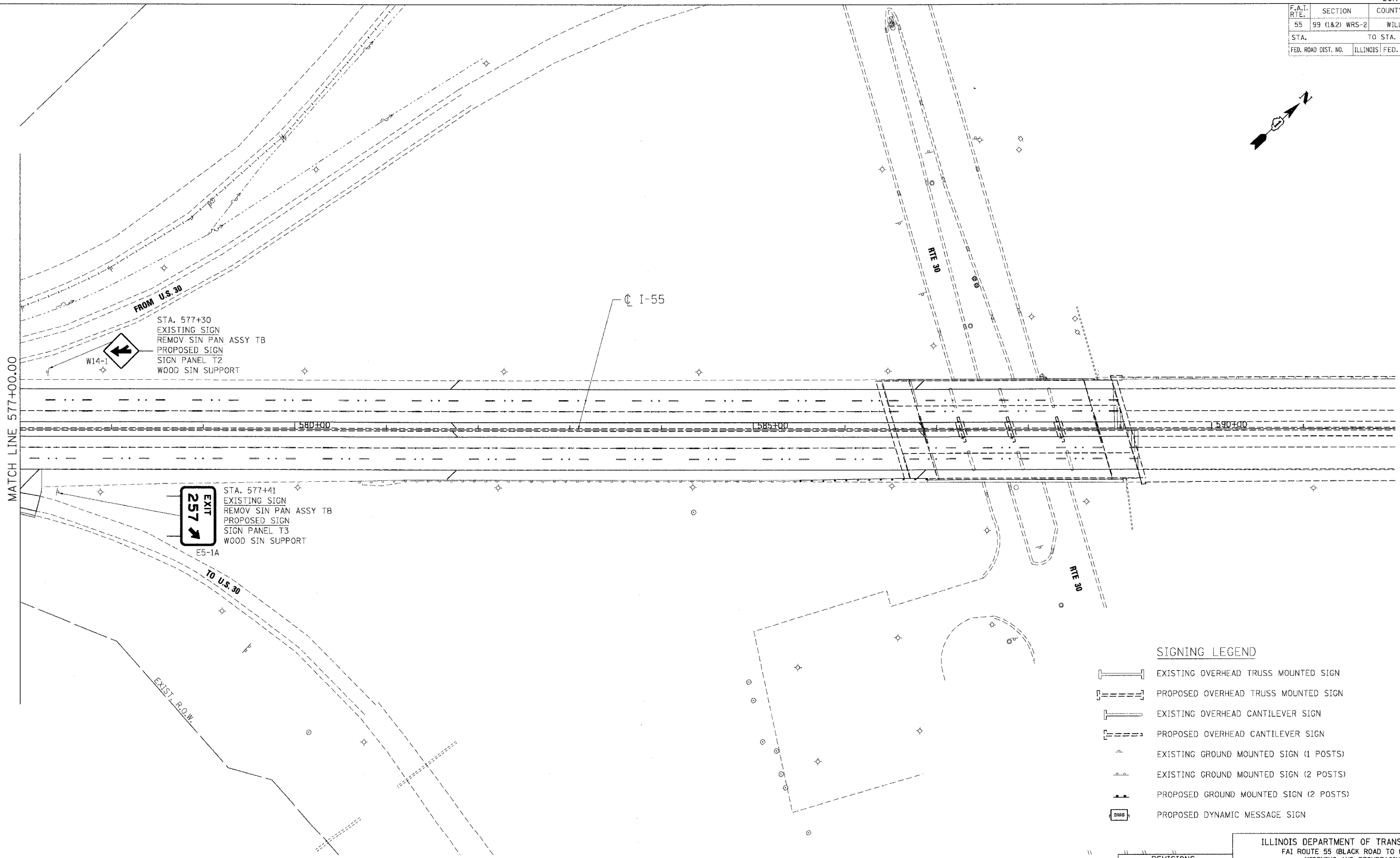
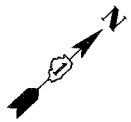
SIGNING PLAN
FAI 55
STA. 562+00.00 TO STA. 577+00.00

SCALE: 1"=50' DRAWN BY MW
 DATE 02/23/07 CHECKED BY DDH









TENG TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLOT DATE = 02/23/07
 FILE NAME = 022307.DWG
 PLOT SCALE = 1"=50'
 USER NAME = DDH

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	170
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



SIGNING LEGEND

-  EXISTING OVERHEAD TRUSS MOUNTED SIGN
-  PROPOSED OVERHEAD TRUSS MOUNTED SIGN
-  EXISTING OVERHEAD CANTILEVER SIGN
-  PROPOSED OVERHEAD CANTILEVER SIGN
-  EXISTING GROUND MOUNTED SIGN (1 POSTS)
-  EXISTING GROUND MOUNTED SIGN (2 POSTS)
-  PROPOSED GROUND MOUNTED SIGN (2 POSTS)
-  PROPOSED DYNAMIC MESSAGE SIGN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
 WIDENING AND RESURFACING

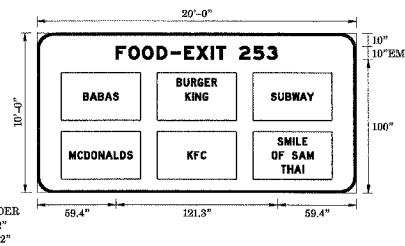
SIGNING PLAN
FAI 55
STA. 577+00.00 TO STA. 592+00.00

SCALE: 1"=50'
 DATE: 02/23/07
 DRAWN BY: MW
 CHECKED BY: DDH

TENG TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

PLOT DATE = 02/23/07
 FILE NAME = S:\PROJECTS\60B46\FAI 55\DRAWING\60B46_170.DWG
 PLOT SCALE = 1"=50'
 USER NAME = BUSENB
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SIGN DETAIL
1:50



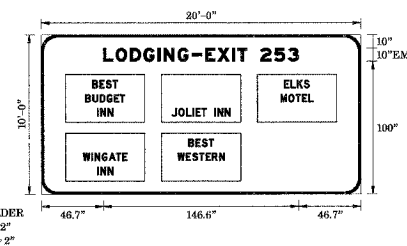
SIGN NUMBER	1G099105SL254.53
WIDTH x HGHT.	20'-0" x 10'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective
	COLOR: Blue
LEGENDBORDER	TYPE: Reflective
	COLOR: White /Pure White

SYMBOL	X	Y	WID	HT

Panel Style:guide_fw_motor-serv.asi
Dimensions are in inches tenths
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)													LENGTH	SERIESSIZE
F	O	O	D	-	E	X	I	T	2	5	3			EM10
59.4	68.7	79.1	89.9	100.5	110.6	120	130.7	134.7	142.1	152.1	162.6	172.7		121.3

SIGN DETAIL
1:50



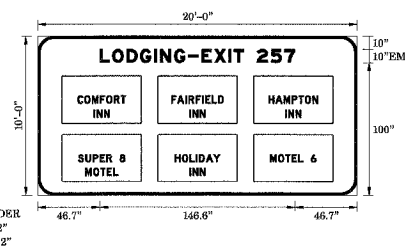
SIGN NUMBER	1G0991056L254.72
WIDTH x HGHT.	20'-0" x 10'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective
	COLOR: Blue
LEGENDBORDER	TYPE: Reflective
	COLOR: White /Pure White

SYMBOL	X	Y	WID	HT

Panel Style:guide_fw_motor-serv.asi
Dimensions are in inches tenths
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)													LENGTH	SERIESSIZE		
L	O	D	G	I	N	G	-	E	X	I	T	2	5	3		EM10
46.7	56.1	66.9	77	87.5	92	102.6	113.2	123.3	132.7	143.4	147.4	154.7	164.7	175.3	185.3	146.6

SIGN DETAIL
1:50



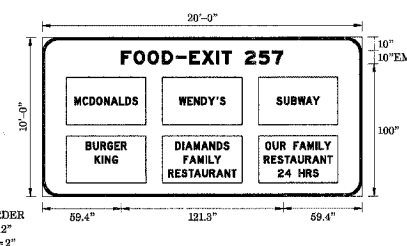
SIGN NUMBER	1G0991055R255.4
WIDTH x HGHT.	20'-0" x 10'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective
	COLOR: Blue
LEGENDBORDER	TYPE: Reflective
	COLOR: White /Pure White

SYMBOL	X	Y	WID	HT

Panel Style:guide_fw_motor-serv.asi
Dimensions are in inches tenths
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)													LENGTH	SERIESSIZE		
L	O	D	G	I	N	G	-	E	X	I	T	2	5	7		EM10
46.7	56.1	66.9	76.9	87.5	92	102.6	113.2	123.3	132.7	143.4	147.4	154.7	164.7	175.3	185.3	146.6

SIGN DETAIL
1:50



SIGN NUMBER	1G0991055R255.58
WIDTH x HGHT.	20'-0" x 10'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective
	COLOR: Blue
LEGENDBORDER	TYPE: Reflective
	COLOR: White /Pure White

SYMBOL	X	Y	WID	HT

Panel Style:guide_fw_motor-serv.asi
Dimensions are in inches tenths
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)													LENGTH	SERIESSIZE
F	O	O	D	-	E	X	I	T	2	5	7			EM10
59.4	68.7	79.1	89.9	100.5	110.6	120	130.7	134.7	142.1	152.1	162.6	172.7		121.3

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
WIDENING AND RESURFACING

SIGN PANEL DETAILS II

SCALE: N.T.S. DRAWN BY MW
DATE 02/23/07 CHECKED BY DDH

TENG ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

REVISIONS	
NAME	DATE

PLOT DATE = \$DATE\$
FILE NAME = \$FILE\$
USER NAME = \$USER\$
S:\DOCUMENT\02\28158\1\CIVIL\DDN\SD0814002.SHT

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	173
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

SIGN DETAIL
1:50

SIGN NUMBER	IG0991056R255.77
WIDTH x HGHT.	15'-0" x 6'-0"
BORDER WIDTH	9"
CORNER RADIUS	9"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: Blue
LEGEND/BORDER	TYPE: Reflective COLOR: White /Pure White

SYMBOL	X	Y	WID	HT

Panel Style:guide_fcy_motor-serv.asd
Dimensions are in inches,tenths
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)													LENGTH	SERIESIZE
G	A	S	-	E	X	I	T	2	5	7				
33.6	43.6	55.7	66.3	76.4	85.5	95.5	100.5	107.9	117.8	128.4	138.4		112.9	EM10

SIGN DETAIL
1:50

SIGN NUMBER	IG0991055R255.96
WIDTH x HGHT.	10'-0" x 18'-0"
BORDER WIDTH	9"
CORNER RADIUS	9"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White /Pure White

SYMBOL	X	Y	WID	HT
M1.4	41.7	86	36	36

Panel Style:IDOTGROUND.asd
Dimensions are in inches,tenths
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)													LENGTH	SERIESIZE
E	X	I	T	2	5	7								
12.1	23.4	36.2	41.1	64.8	80.7	95.8							95.6	EM12,EM15
18.6	38.9	55.3	65.4	80.9	91.1								82.6	EM1612
24.1	41.5	57	66.	74	87.6								71.5	EM1612
9.6	21.5	58.5	72.6	78.1	89.3	100.6							100.8	EM15,EM12

SIGN DETAIL
1:25

NOTE:
USE THIS PANEL DETAIL FOR
SIGN NUMBER IG0991055L256.01

SIGN NUMBER	IG0991055R255.99
WIDTH x HGHT.	7'-0" x 8'-0"
BORDER WIDTH	1"
CORNER RADIUS	2"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White /Pure White

SYMBOL	X	Y	WID	HT

Panel Style:street_name.asd
Dimensions are in inches,tenths
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)													LENGTH	SERIESIZE
C	a	t	o	n	F	a	r	m						
6.1	14.6	21.9	27.8	35.5	40.6	48.6	55.5	63.7	69.4				71.8	EM56
27.9	36.4	43.4	50.9										28.1	EM56

SIGN DETAIL
1:50

SIGN NUMBER	IG0991055L256.04
WIDTH x HGHT.	17'-0" x 17'-0"
BORDER WIDTH	0.75"
CORNER RADIUS	2.25"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White /Pure White

SYMBOL	X	Y	WID	HT

Panel Style:Destination.asd
Dimensions are in inches,tenths
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)													LENGTH	SERIESIZE
U	S	5	2											
12	21.6	33.6	43.2	55.2	67.2								65	EM12
3													9.6	EM12
182.4														
12	26.9	31.8	42.3	53.9	71.2	78.1	89.5	100.5	109.3	120.9			116.5	EM129
9	0												22	EM12
170	189													
12	24.1	30.2	42.2	53.4	65	77.2	82.9						78.6	EM129
2	5	6											34.3	EM12
157.7	170.4	182.4												

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
WIDENING AND RESURFACING

**SIGN PANEL DETAILS
III**

SCALE: N.T.S. DRAWN BY MW
DATE 02/23/07 CHECKED BY DDH

TENG TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLOT DATE = 02/23/07
 FILE NAME = 01FILE9
 USER NAME = 005674
 N:\WORK\001\001\1\510814001.DWG
 2-23-2007 1:03:17
 S:\DDEMENT\02256126\CIVIL\DWG\510814001.DWG

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2)	WRS-2	228	174
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

SIGN DETAIL
1:50

SIGN NUMBER	1G0991056R256.7			
WIDTH x HIGHT.	10'-6" x 5'-0"			
BORDER WIDTH	1.75"			
CORNER RADIUS	8"			
MOUNTING	Ground			
BACKGROUND	TYPE: Reflective			
LEGENDBORDER	TYPE: Reflective			
	COLOR: White / Pure White			

SYMBOL	X	Y	WID	HT
3.35	12	86.9	12.5	10.2

Panel Style: guide_fwy_motor-serv.asi
Dimensions are in inches, tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)											LENGTH	SERIESIZE							
P	a	r	k	&	R	i	d	e			75.5	EMS6							
38.5	46.8	55	60.7	65.8	73.8	80.2	88.2	97.2	101.3	108.8									
A	c	c	i	d	e	n	t				55	EMS6							
37.6	47.4	54.4	61.9	65.9	73.5	81.1	88.5												
I	n	v	e	s	t	i	g	a	t	i	o	n	S	i	t	e	113.5	EMS6	
6.2	11.1	18.4	25.9	32.8	38.4	45.9	49.9	57.5	64.8	71.3	75.3	83	88.1	96.1	105	108.8	114.5		
E	X	I	T	2	5	7												63	EMS
38.6	41.1	49.6	52.9	73.7	82.2	90.2													

SIGN DETAIL
1:50

SIGN NUMBER	1G0991056R256.8			
WIDTH x HIGHT.	12'-6" x 13'-0"			
BORDER WIDTH	2"			
CORNER RADIUS	9"			
MOUNTING	Ground			
BACKGROUND	TYPE: Reflective			
LEGENDBORDER	TYPE: Reflective			
	COLOR: White / Pure White			

SYMBOL	X	Y	WID	HT
M1.4	65	84	36	86

Panel Style: IDOTGROUND.asi
Dimensions are in inches, tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)											LENGTH	SERIESIZE
E	X	I	T	2	5	7					95.6	EM12, EM15
42.4	53.7	68.5	71.3	95.1	111	126						
A	u	r	o	r	a						82.6	EM1612
38	55.2	71.6	81.8	97.8	107.4							
J	o	i	i	e	t						71.5	EM1612
40.5	57.8	73.3	82.3	90.3	104							
12	M	I	L	E							76.6	EM15, EM12
37.9	74.9	89	94.5	105.7								

SIGN DETAIL
1:25

SIGN NUMBER	1G0991056R256.92			
WIDTH x HIGHT.	8'-6" x 4'-0"			
BORDER WIDTH	1"			
CORNER RADIUS	6"			
MOUNTING	Ground			
BACKGROUND	TYPE: Reflective			
LEGENDBORDER	TYPE: Reflective			
	COLOR: White / Pure White			

SYMBOL	X	Y	WID	HT

Panel Style: guide_exp_recreational.asi
Dimensions are in inches, tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)											LENGTH	SERIESIZE		
U	N	I	V	E	R	S	I	T	Y	O	F	93.2	EMS	
4.4	12.8	21.3	24.6	33.4	40.9	49	57.4	60.6	67	75.1	83	91.7		
S	T			F	R	A	N	C	I	S			76.8	EMS
12.7	20.7	27.6	29.6	37.6	45.2	53.2	62.8	71.3	79.3	82.9				
E	X	I	T	2	5	7							56	EMS
23.2	30.7	39.2	42.5	48.3	56.3	64.8	72.8							

SIGN DETAIL
1:50

SIGN NUMBER	1G0991056R257.2			
WIDTH x HIGHT.	13'-0" x 13'-0"			
BORDER WIDTH	2"			
CORNER RADIUS	9"			
MOUNTING	Ground			
BACKGROUND	TYPE: Reflective			
LEGENDBORDER	TYPE: Reflective			
	COLOR: White / Pure White			

SYMBOL	X	Y	WID	HT
M1.4	38.1	72	36	36
ARMED	109.8	21	24	37.8

Panel Style: IDOTGROUND.asi
Dimensions are in inches, tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)											LENGTH	SERIESIZE
E	X	I	T	2	5	7					95.6	EM12, EM15
48.4	59.7	72.5	77.3	101.1	117	132						
J	o	i	i	e	t						71.5	EM1612
20.6	38	53.4	62.4	70.6	84.1							
A	u	r	o	r	a						82.6	EM1612
15	35.3	51.6	61.8	77.3	87.4							

PLOT DATE: 02/23/07
 FILE NAME: I:\PROJECTS\60B46\AS0991056R256.92.DWG
 SCALE: 1/8"=1'-0"
 USER: MW

REVISIONS	
NAME	DATE

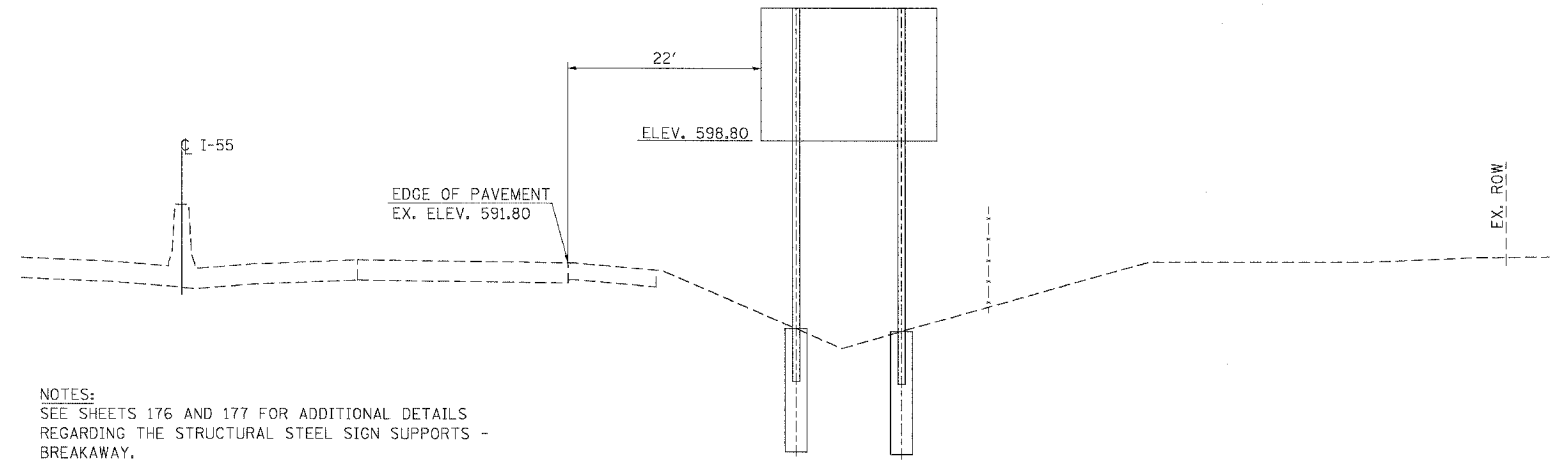
ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
 WIDENING AND RESURFACING

SIGN PANEL DETAILS IV

SCALE: N.T.S. DRAWN BY MW
 DATE 02/23/07 CHECKED BY DDH

TENG TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) WRS-2	WILL	228	175
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



NOTES:
SEE SHEETS 176 AND 177 FOR ADDITIONAL DETAILS REGARDING THE STRUCTURAL STEEL SIGN SUPPORTS - BREAKAWAY.

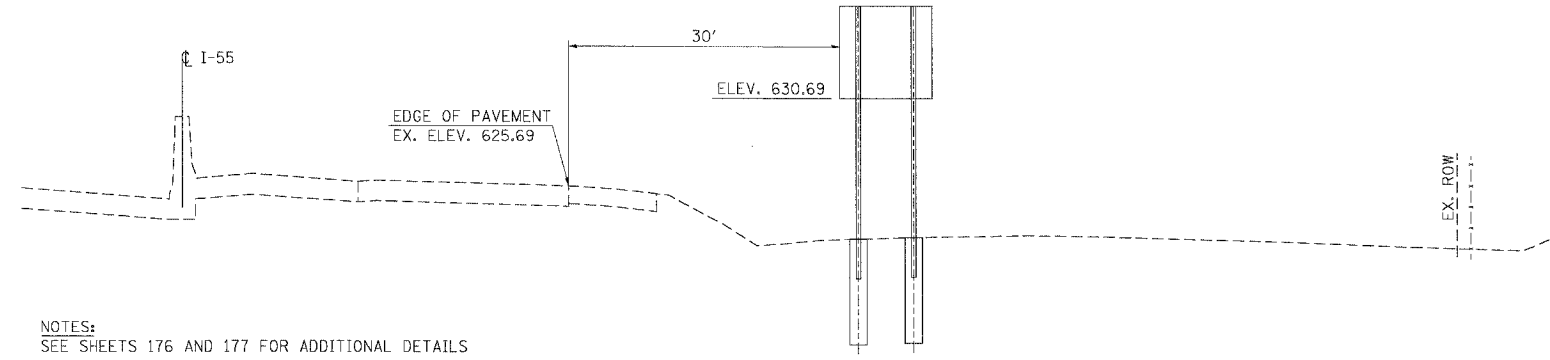
PROPOSED GROUND-MOUNT SIGN 1G0991055R255.4

STA. 475+45 @ I-55
(LOOKING NORTH)



BORDER
R=8"
TH=1.5"
SIGN: WHITE/GREEN

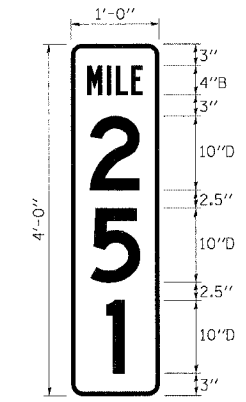
TYPICAL GORE EXIT SIGN DETAILS



NOTES:
SEE SHEETS 176 AND 177 FOR ADDITIONAL DETAILS REGARDING THE STRUCTURAL STEEL SIGN SUPPORTS - BREAKAWAY.

PROPOSED GROUND-MOUNT SIGN 1G0991055R256.7

STA. 545+30 @ I-55
(LOOKING NORTH)



BORDER
R=1.5"
TH=0.5"
SIGN: WHITE/GREEN

TYPICAL MILE MARKER SIGN DETAILS

PLOT DATE = 02/23/07
 FILE NAME = 1G0991055R255.4.dwg
 USER NAME = RUBEN
 S:\PROJECTS\2007\02\1G0991055R255.4.dwg
 02/23/07 14:33:35
 02/23/07 14:33:35

REVISIONS	
NAME	DATE

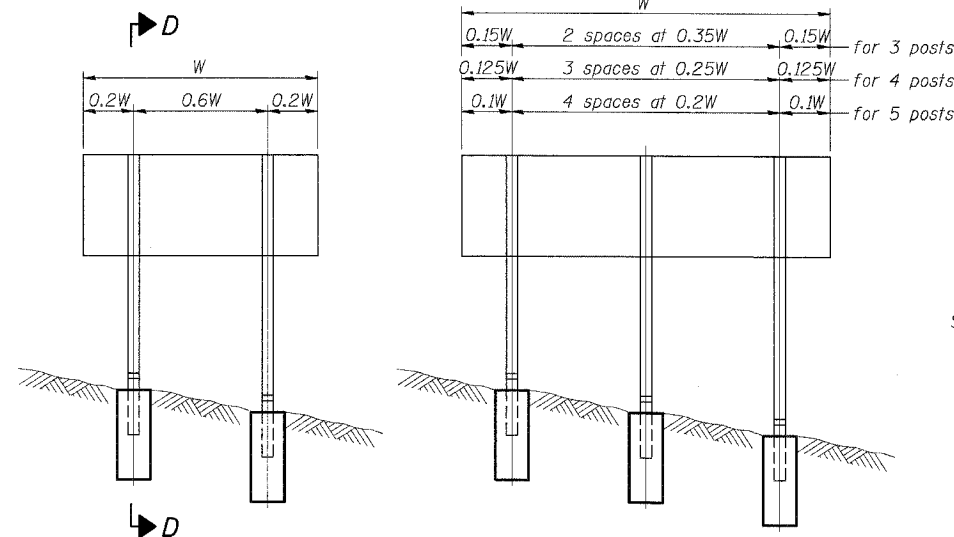
ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
 WIDENING AND RESURFACING

SIGN DETAILS

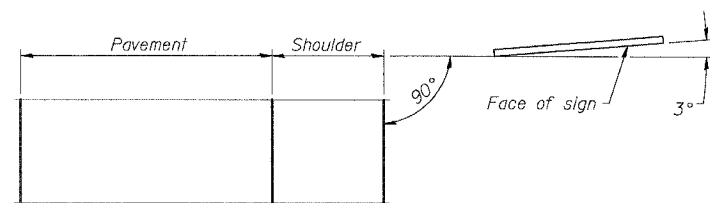
SCALE: N.T.S. DRAWN BY AG
 DATE 02/23/07 CHECKED BY DDH

TENG
 TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

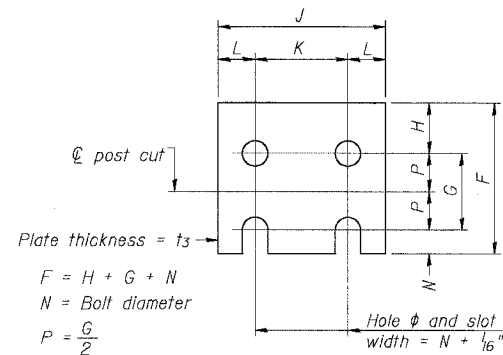
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	176
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



ELEVATION

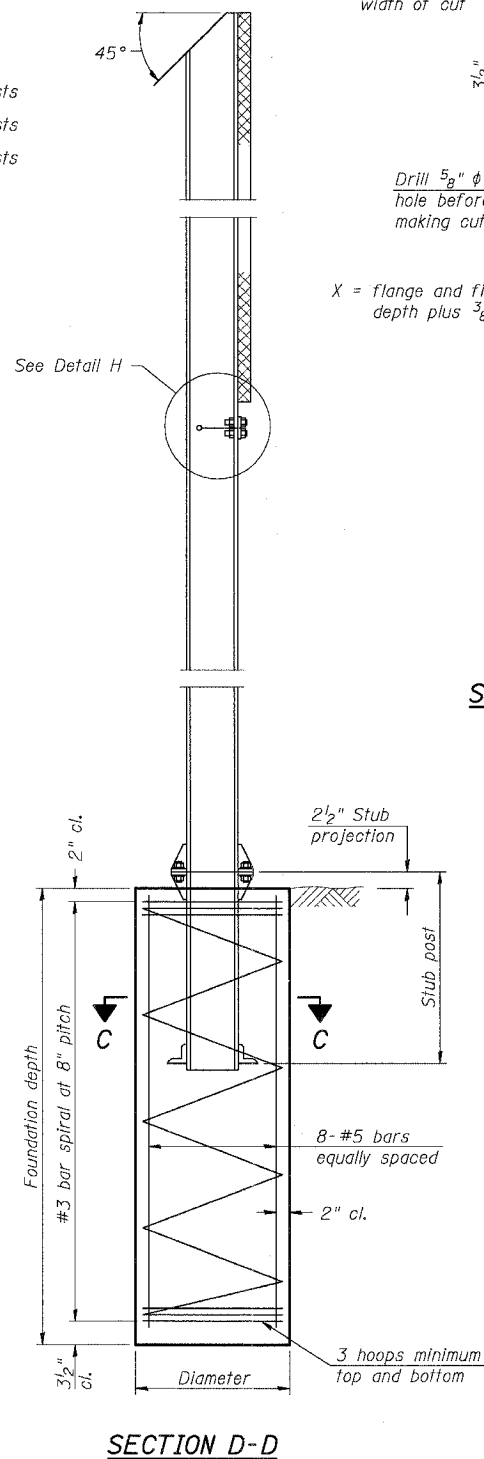


LOCATION SKETCH

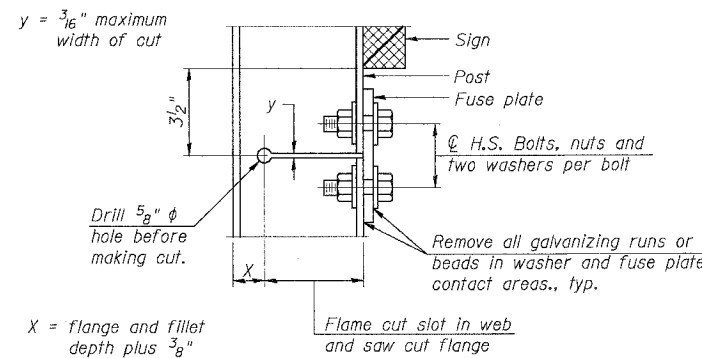


FUSE PLATE DETAIL
(Install with notches down.)

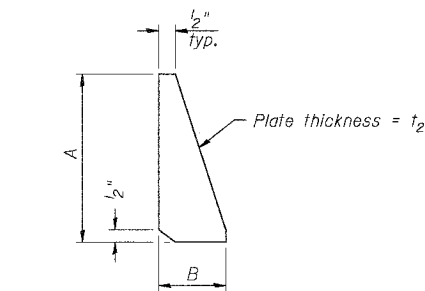
N = Bolt Diameter	G	H
1/2"	2"	1 1/8"
5/8"	2 1/4"	1 1/4"
3/4"	2 1/2"	1 3/8"
7/8"	2 3/4"	1 1/2"
1"	3"	1 5/8"
1 1/8"	3 1/4"	1 3/4"



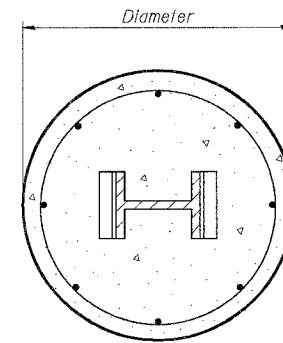
SECTION D-D



DETAIL H



STIFFENER PLATE DETAIL
(See table for dimensions.)



SECTION C-C

GENERAL NOTES

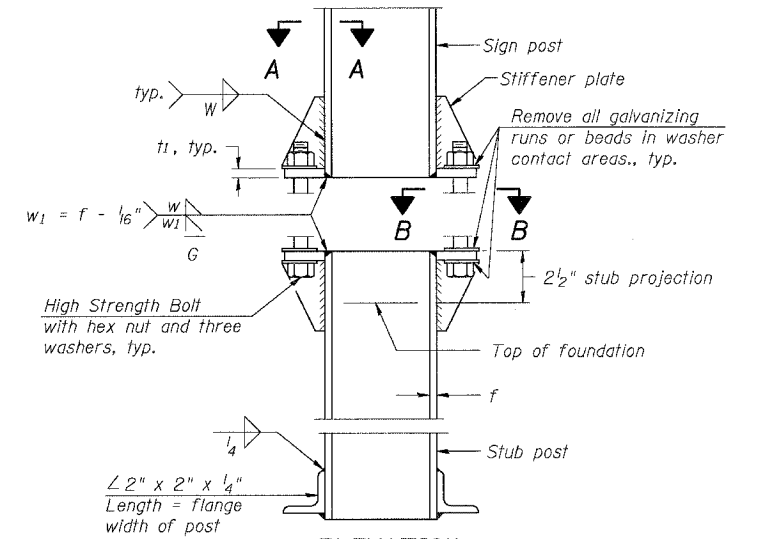
Posts shall be plumbed by using shims with post-to-stub post connection bolts snug tight only. Final tightening of all High Strength Bolts shall be in accordance with Article 727.05 and threads at the junction of the bolt and nut shall be burred or center punched to prevent the nut from loosening.

LOADING: 80 m.p.h. wind with 30% gust factor, normal to sign.

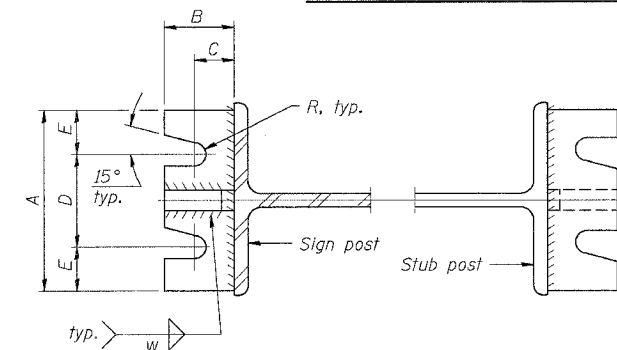
DESIGN STRESSES:
Structural steel - 20,000 p.s.i.
Reinforcing steel - 20,000 p.s.i.
Concrete - 1,400 p.s.i.
Footing soil pressure - 2,000 p.s.f.

After fabrication, the post, fuse plate and upper 6", min. of the stub post shall be hot-dip galvanized in accordance with AASHTO M111. All bolts, nuts and washers shall be hot-dip galvanized in accordance with AASHTO M232.

Work this sheet with Base Sheet BAW-A-2.

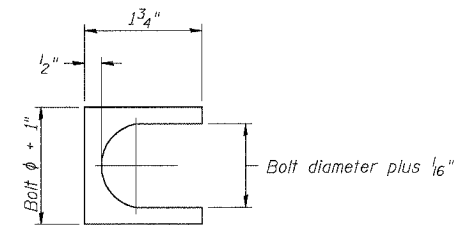


ELEVATION SIGN POST & STUB POST



SECTION A-A

SECTION B-B



SHIM DETAIL

Furnish two 0.01" thick and two 0.03" thick stainless steel or brass (ASTM B36) shims per post.

NUMBER	REVISION	DATE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
WIDENING AND RESURFACING

BREAK-AWAY WIDE FLANGE STEEL SIGN POST DETAILS

SCALE: 02/23/07
DRAWN BY: AG
CHECKED BY: TENG

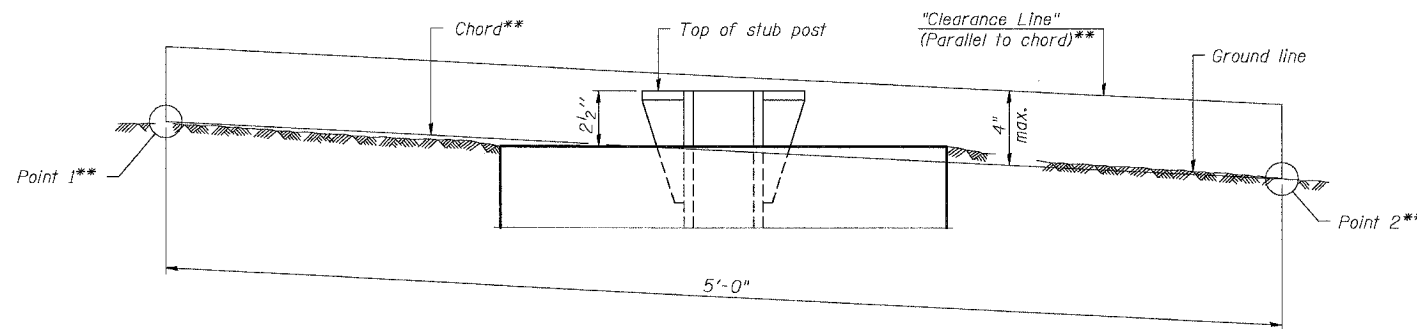
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	177
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

POST	CONCRETE FOUNDATION TABLE							POST TO STUB POST CONNECTION DATA										FUSE PLATE DATA				
	Foundation			Reinforcement				Stub Post	Bolt Size	A	B	C	D	E	t ₁	t ₂	R	W	J	K	L	t ₃
	Diameter	* Minimum Depth	Concrete (1) cu. yds.	Vertical Bars Length	Bar Spirals Diameter	Bar Spirals Length	lbs. (2)	Length														
W6x9	2'-0"	6'-0"	0.70	5'-9"	1'-8 1/2"	79'-0"	78	2'-3"	5/8" x 3/4"	6"	2 1/4"	1 1/4"	3 1/2"	1 1/4"	3/4"	1/2"	#32"	4"	4"	2 1/4"	7/8"	1 1/4"
W6x15	2'-0"	6'-0"	0.70	5'-9"	1'-8 1/2"	79'-0"	78	2'-6"	5/8" x 3/4"	6"	2 1/4"	1 1/4"	3 1/2"	1 1/4"	3/4"	1/2"	#32"	4"	6"	3 1/2"	1 1/4"	3/8"
W8x18	2'-0"	6'-0"	0.70	5'-9"	1'-8 1/2"	79'-0"	78	2'-6"	3/4" x 3/4"	6"	2 1/2"	1 3/8"	3 1/4"	1 3/8"	1"	1/2"	#32"	5 1/6"	5 1/4"	2 3/4"	1 1/4"	3/8"
W10x22	2'-6"	6'-6"	1.18	6'-3"	2'-2 1/2"	105'-0"	92	3'-0"	3/4" x 3/4"	6"	2 1/2"	1 3/8"	3 1/4"	1 3/8"	1"	1/2"	#32"	5 1/6"	5 3/4"	2 3/4"	1 1/2"	1/2"
W10x26	2'-6"	7'-0"	1.27	6'-9"	2'-2 1/2"	112'-0"	98	3'-0"	7/8" x 4"	7"	2 3/4"	1 1/2"	4"	1 1/2"	1"	3/4"	#32"	3 3/8"	5 3/4"	2 3/4"	1 1/2"	5/8"
W12x26	2'-6"	7'-9"	1.41	7'-6"	2'-2 1/2"	119'-0"	107	3'-0"	7/8" x 4"	7"	2 3/4"	1 1/2"	4"	1 1/2"	1"	3/4"	#32"	3 3/8"	6 1/2"	3 1/2"	1 1/2"	5/8"
W14x30	3'-0"	7'-3"	1.90	7'-0"	2'-8 1/2"	145'-0"	113	3'-0"	7/8" x 4"	7"	2 3/4"	1 1/2"	4"	1 1/2"	1"	3/4"	#32"	3 3/8"	6 3/4"	3 1/2"	1 1/2"	5/8"
W14x38	3'-0"	8'-0"	2.09	7'-9"	2'-8 1/2"	153'-0"	122	3'-6"	1" x 4 1/2"	7 1/2"	3"	1 3/4"	4"	1 1/2"	1"	3/4"	#32"	3 3/8"	6 3/4"	3 1/2"	1 1/2"	5/8"
W16x45	3'-0"	8'-6"	2.23	8'-3"	2'-8 1/2"	162'-0"	130	3'-6"	1" x 4 1/2"	7 1/2"	3"	1 3/4"	4"	1 3/4"	1 1/4"	3/4"	#32"	3 3/8"	7"	3 1/2"	1 3/4"	1/2"

*Dimensional changes required for varying site conditions shall be approved by the Engineer.

POST	FUSE PLATE BOLT SIZE												
	Sign Depth												
	4'-0"	5'-0"	6'-0"	7'-0"	8'-0"	9'-0"	10'-0"	11'-0"	12'-0"	13'-0"	14'-0"	15'-0"	16'-0"
W6x9	1/2" x 1 1/2"	1/2" x 1 1/2"	1/2" x 1 1/2"	5/8" x 1 3/4"	5/8" x 1 3/4"	5/8" x 1 3/4"	---	---	---	---	---	---	---
W6x15	1/2" x 1 3/4"	1/2" x 1 3/4"	5/8" x 2"	5/8" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	7/8" x 2"	7/8" x 2"	---	---	---	---
W8x18	1/2" x 1 3/4"	1/2" x 1 3/4"	5/8" x 2"	5/8" x 2"	5/8" x 2"	3/4" x 2"	3/4" x 2"	7/8" x 2 1/4"	7/8" x 2 1/4"	7/8" x 2 1/4"	7/8" x 2 1/4"	7/8" x 2 1/4"	7/8" x 2 1/4"
W10x22	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2"	5/8" x 2"	3/4" x 2 1/4"	3/4" x 2 1/4"	7/8" x 2 1/4"	7/8" x 2 1/4"	7/8" x 2 1/2"	1" x 2 1/2"	1" x 2 3/4"	1" x 2 3/4"
W10x26	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	3/4" x 2 1/2"	3/4" x 2 1/2"	7/8" x 2 1/2"	7/8" x 2 1/2"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1 1/8" x 3"
W12x26	---	---	---	---	---	5/8" x 2 1/4"	---	---	7/8" x 2 1/2"	7/8" x 2 1/2"	1" x 2 1/2"	1" x 2 3/4"	1" x 2 3/4"
W14x30	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	7/8" x 2 1/2"	1" x 2 1/2"	1" x 2 3/4"	1" x 2 3/4"
W14x38	---	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/2"	3/4" x 2 1/2"	7/8" x 2 1/2"	7/8" x 2 1/2"	1" x 2 1/2"	1" x 2 3/4"
W16x45	---	---	---	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/2"	3/4" x 2 1/2"	7/8" x 2 1/2"	7/8" x 2 1/2"	1" x 2 3/4"



**ELEVATION
GROUND LINE & STUB POST**

** For all "Point 1" and "Point 2" locations, "Clearance Line" must be at or above top of stub post.

- (1) Quantity includes all concrete necessary for one foundation.
- (2) Includes reinforcement bars and spiral hooping for one foundation.

NUMBER	REVISION	DATE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
WIDENING AND RESURFACING

**BREAK-AWAY WIDE FLANGE
STEEL SIGN POST TABLES**

SCALE: DATE 02/23/07 DRAWN BY AC CHECKED BY

TENG TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

BAW-A-2

7/01/2006

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	178
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

BAR LIST

Bar	No.	Size	Length	Shape
d(E)	52	#5	2'-1"	
h(E)	16	#4	4'-2"	
h(E)	16	#4	10'-2"	
s(E)	32	#4	8'-5"	

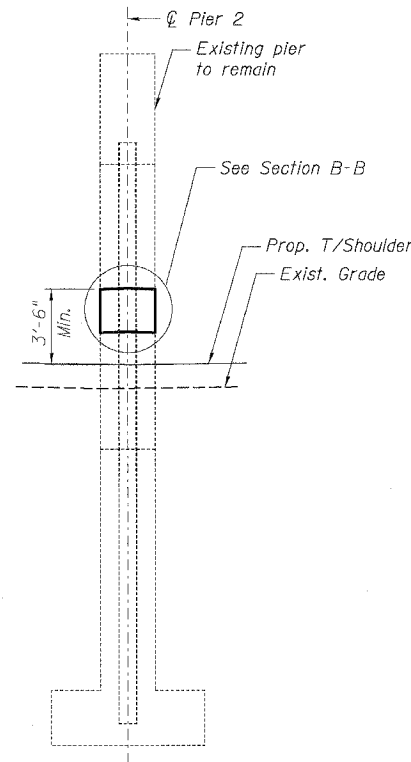
TOTAL BILL OF MATERIAL

Item	Unit	Total
Concrete Structures	Cu Yd	5.6
Reinforcement Bars, Epoxy Coated	Lb	450
Concrete Sealer	Sq Ft	195

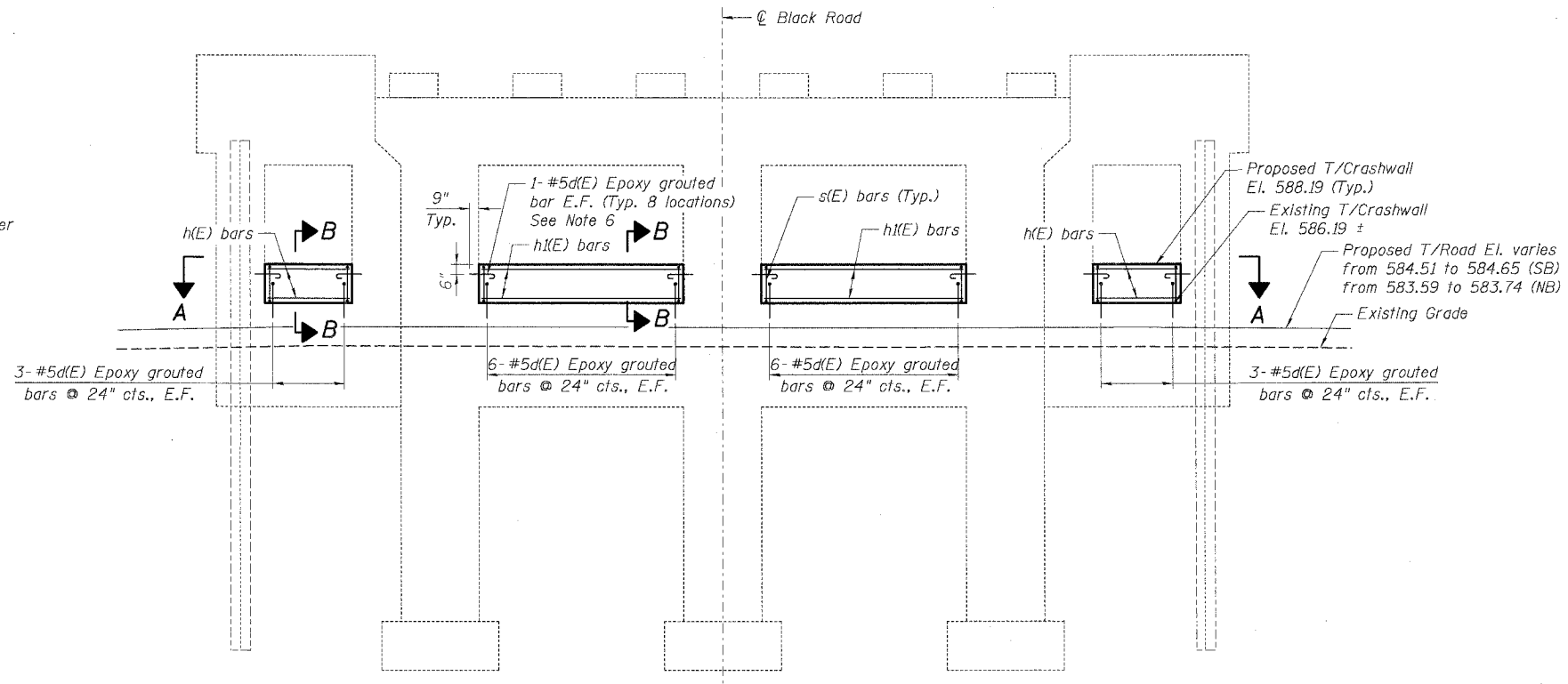
** Quantity includes top and side surfaces of new concrete.



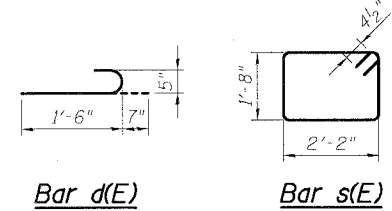
DATE 11/30/07
EXP. 11/30/08



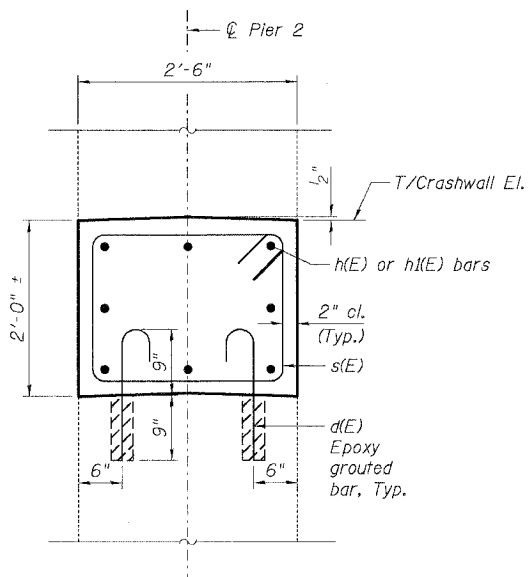
TYPICAL SECTION



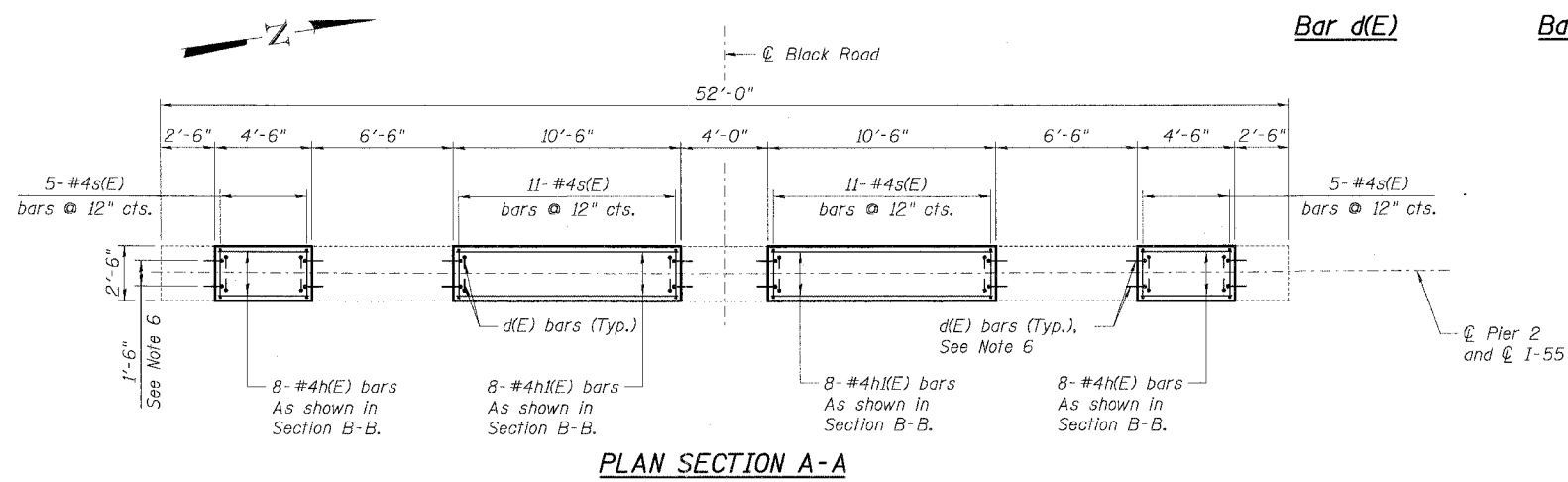
PIER ELEVATION



Bar d(E) Bar s(E)



SECTION B-B



PLAN SECTION A-A

Notes:

- E.F. denotes Each Face.
- All edges shall have 3/4" chamfer unless noted otherwise.
- Bars designated (E) shall be epoxy coated.
- Minimum embedment depth of 9" shall be provided for epoxy grouted bars.
- Epoxy grouted bars shall be in accordance with Article 584 of the Standard Specifications. Cast included with Reinforcement Bars, Epoxy Coated.
- Contractor shall ensure that vertical bars in pier columns are not damaged. Any damage to existing vertical bars in pier columns shall be repaired. Repairs shall be made as directed by the Engineer.

GENERAL NOTES

- Plan dimensions and details relative to existing structure have been taken from existing plans and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in the scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price for the work.
- All construction joints shall be bonded.

SHT. 1 OF 1

REVISIONS	
NAME	DATE

MORCOM, N.V., INC.
CONSULTING ENGINEERS
CHICAGO, ILLINOIS

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO ILS. 30)
WIDENING AND RESURFACING
BLACK ROAD OVER I-55, S.N. 099-0209
STA. 100+00.34, SECTION 99 (1&2) WRS-2
WILL COUNTY

SCALE: DATE 02/23/07

PIER 2

DRAWN BY MW
CHECKED BY MJK

TENG TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

DATE = 02/23/07
FILE NAME = 02/23/07
PLOT SCALE = 1/8"=1'-0"
USER NAME = 80528

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) WRS-2	WILL	228	179
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

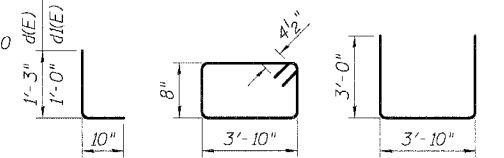
BAR LIST

Bar	No.	Size	Length	Shape
d(E)	42	#5	2'-1"	□
d1(E)	84	#5	1'-10"	□
h(E)	28	#5	19'-6"	□
h1(E)	6	#4	5'-8"	□
h2(E)	12	#4	6'-6"	□
h3(E)	6	#4	2'-2"	□
s(E)	28	#4	9'-9"	□
u(E)	14	#5	9'-10"	□
v(E)	54	#5	6'-1"	□

TOTAL BILL OF MATERIAL

Item	Unit	Total
Concrete Removal	Cu Yd	13.7
Structure Excavation	Cu Yd	5
Concrete Structures	Cu Yd	11.4
Reinforcement Bars, Epoxy Coated	Lb	1,570
** Concrete Sealer	Sq Ft	649
Epoxy Crack Injection	Ft	25
Structural Repair of Concrete (Depth Equal to or Less Than 5")	Sq Ft	218

** Quantity includes top and side surfaces of new concrete.



BAR d(E) and d1(E) BAR s(E) BAR u(E)

GENERAL NOTES

- Plan dimensions and details relative to existing structure have been taken from existing plans and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in the scope of the work; however, the Contractor will be paid for the quantity actually furnished at the unit price for the work.
- All construction joints shall be bonded.
- Any reinforcement bars that are damaged during concrete removal operations shall be repaired or replaced using an approved bar splicer or anchorage system. Cost incidental to "Concrete Removal".

SHT. 1 OF 2

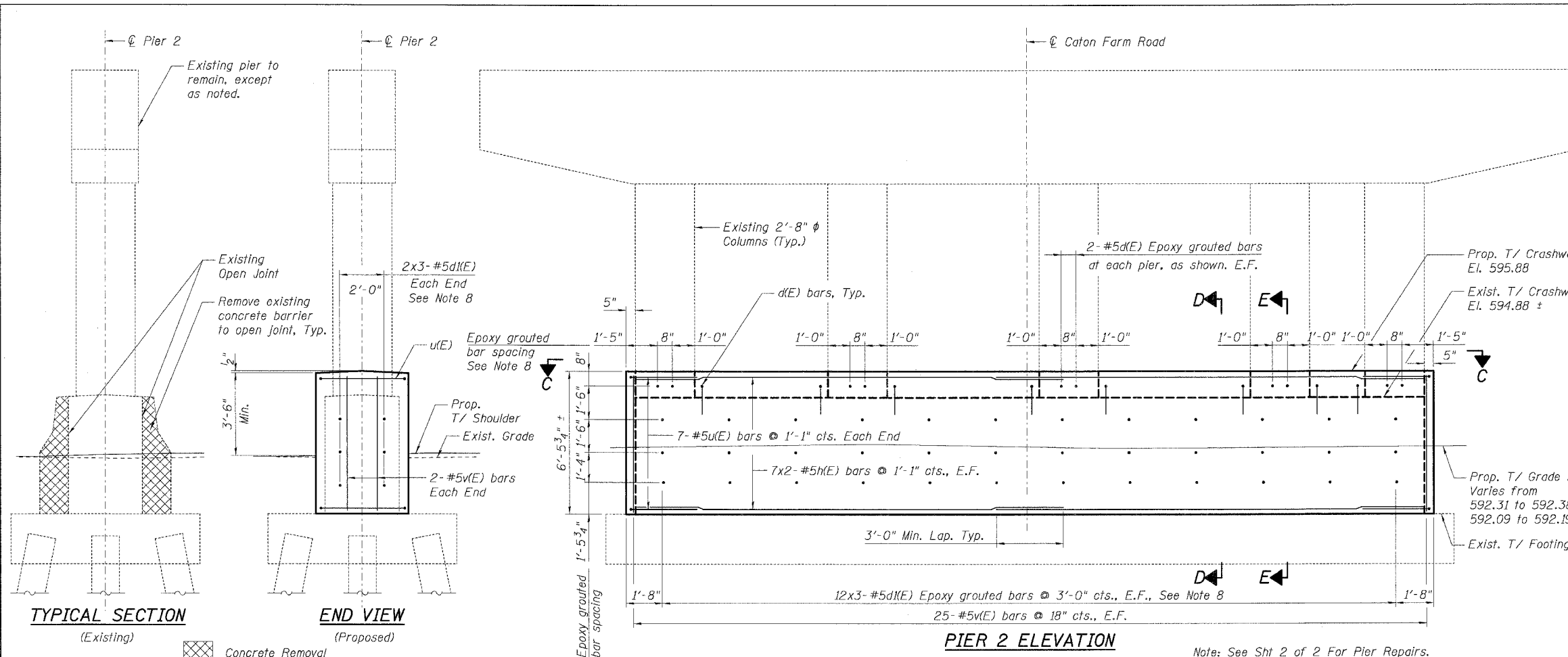
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
 WIDENING AND RESURFACING
 CATON FARM ROAD OVER I-55, S.N. 099-0210
 STA. 199+37.84, SECTION 99 (I&2) WRS-2
 WILL COUNTY

PIER 2

SCALE: 3/8"=1'-0"
 DATE 02/23/07
 DRAWN BY MW
 CHECKED BY MJK

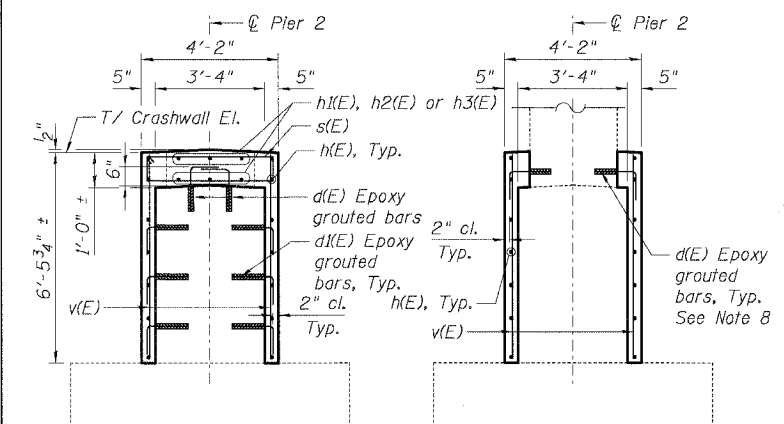
TENG
 TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS



PIER 2 ELEVATION

(Looking East, West Elev. Similar)

Note: See Sht 2 of 2 For Pier Repairs.



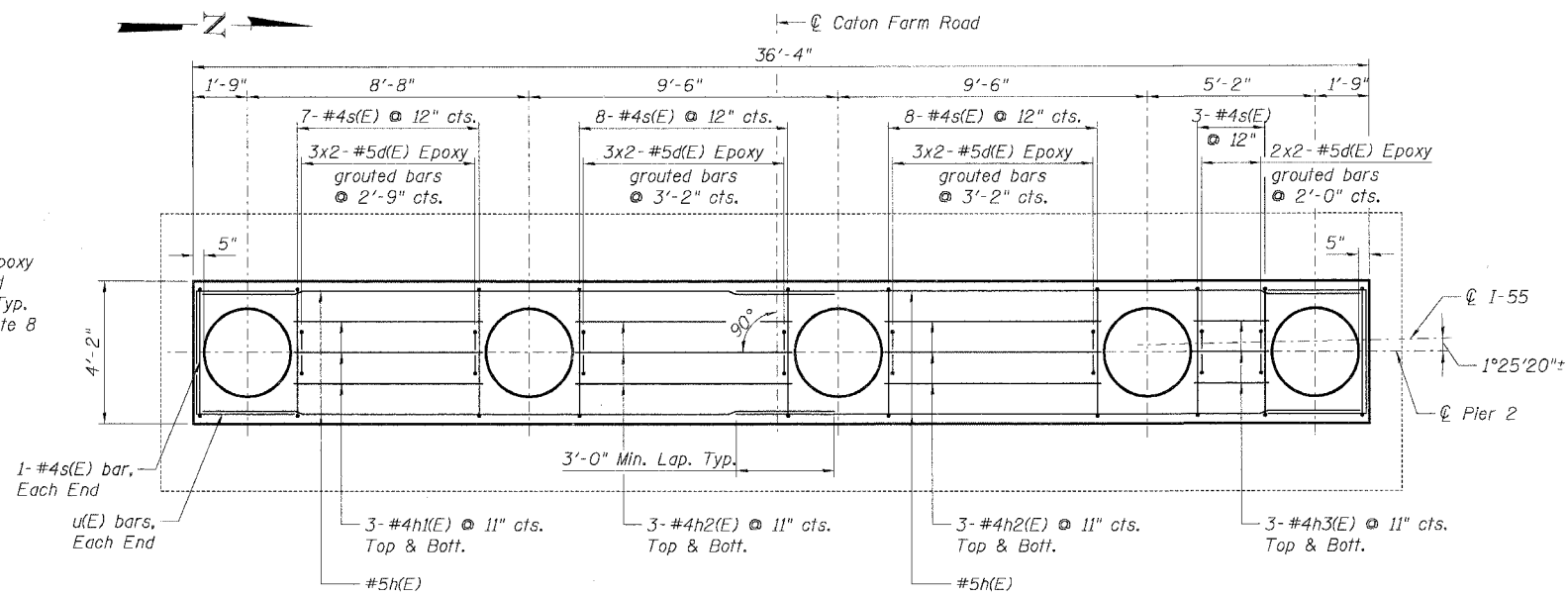
SECTION D-D
(between columns)

SECTION E-E
(at columns)

Notes:

- Work this sheet with Sht. 2 of 2.
- E.F. denotes Each Face.
- All edges shall have 3/4" chamfer unless noted otherwise.
- Bars designated (E) shall be epoxy coated.
- Bars indicated thus 3x2-#5 etc. indicates 3 lines of bars with 2 lengths per line.
- Minimum embedment depth of 9" shall be provided for epoxy grouted bars.
- Epoxy grouted bars shall be in accordance with Article 584 of the Standard Specifications. Cost included with Reinforcement Bars, Epoxy Coated.
- Contractor shall ensure that vertical bars in pier columns are not damaged. Any damage to existing vertical bars in pier columns shall be repaired. Repairs shall be made as directed by the Engineer.

PLAN SECTION C-C



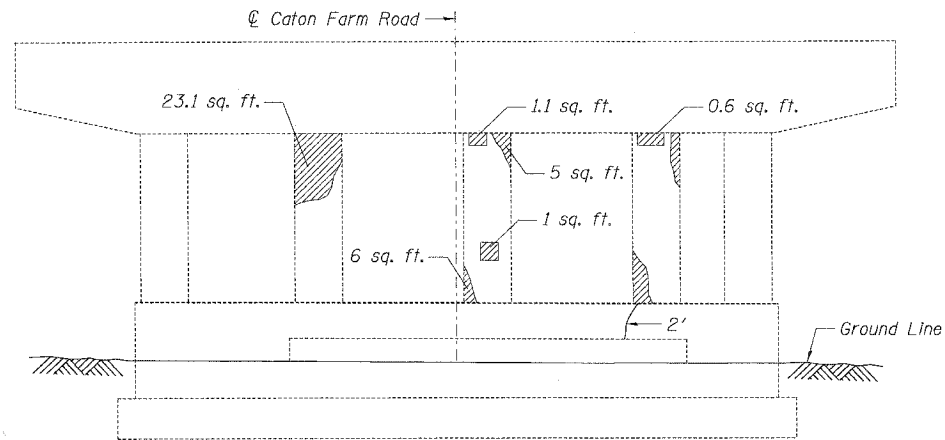
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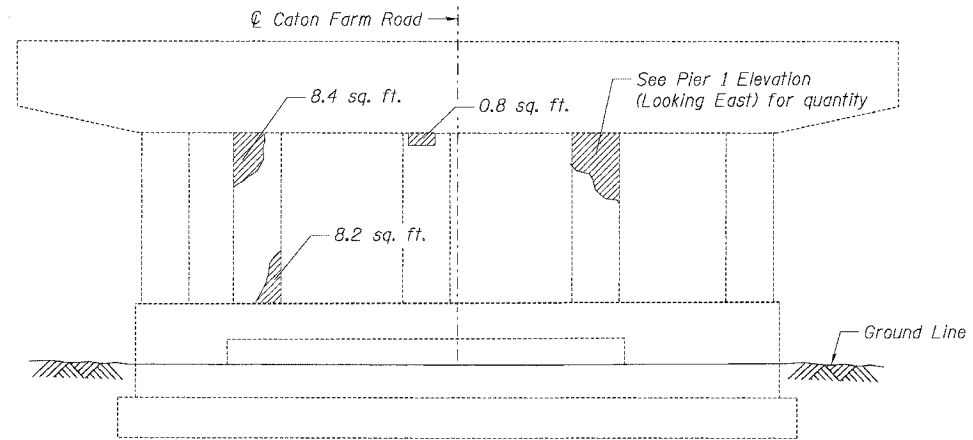
DATE 11/30/07
 EXP. 11/30/08

MORCOM, N.V., INC.
 CONSULTING ENGINEERS
 CHICAGO, ILLINOIS

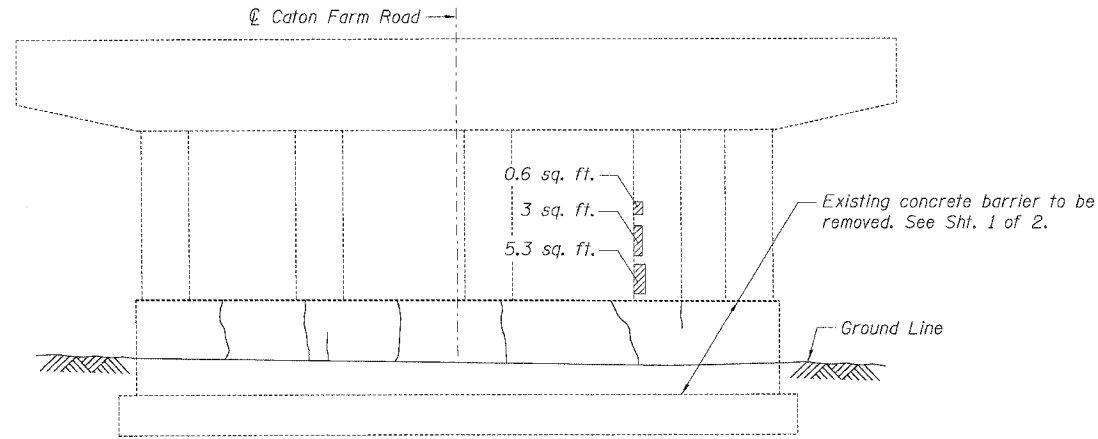
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



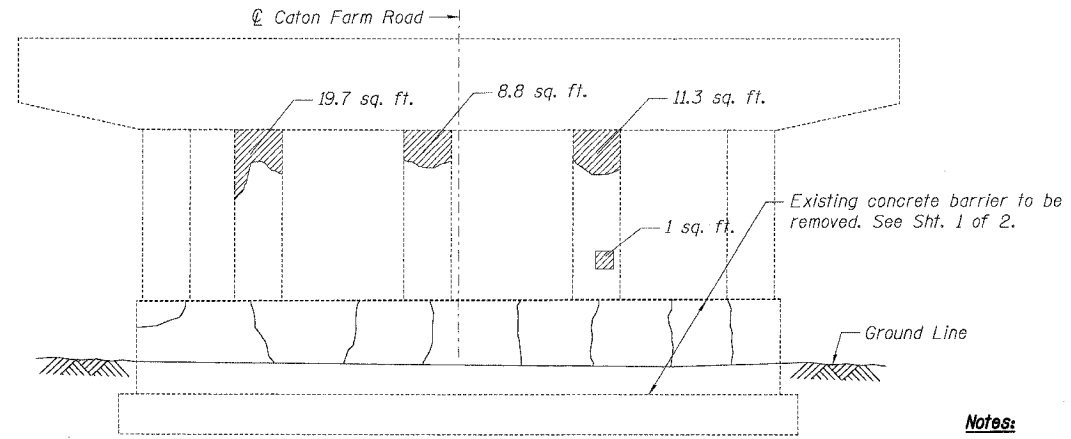
PIER 1 ELEVATION
(Looking East)



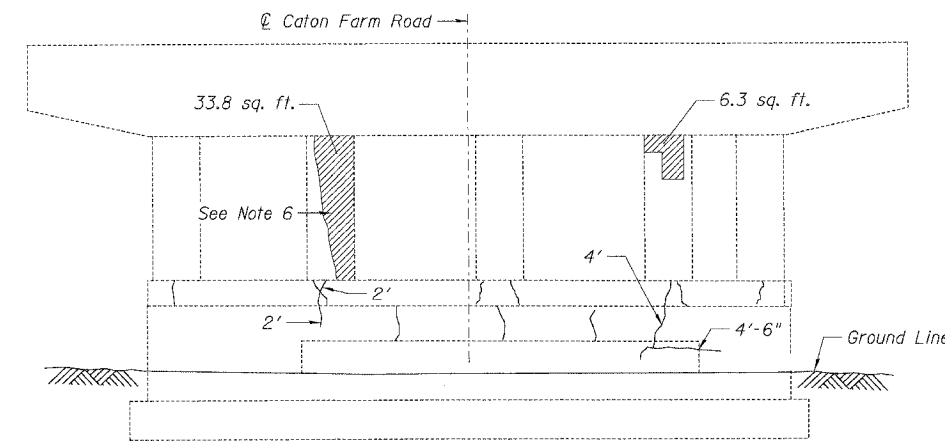
PIER 1 ELEVATION
(Looking West)



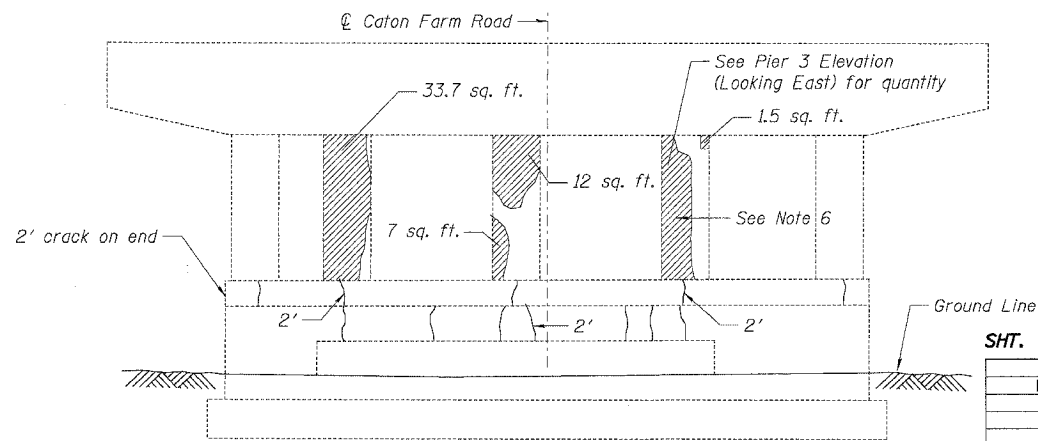
PIER 2 ELEVATION
(Looking East)



PIER 2 ELEVATION
(Looking West)



PIER 3 ELEVATION
(Looking East)



PIER 3 ELEVATION
(Looking West)

LEGEND

- Structural Repair of Concrete (Depth Equal to or less than 5")
- Epoxy Crack Injection
- Hairline Crack - Not to be sealed

Notes:

1. Crack widths to receive Epoxy Crack Injection are $\frac{1}{8}'' \pm \frac{1}{16}''$ unless noted otherwise.
2. Work this sheet with Sht. 1 of 2.
3. See Sht. 1 of 2 for notes.
4. Areas of repair are based upon inspection surveys conducted June 13, 2006 and increased by a factor of 1.1 to compensate for further deterioration. The type of repair (depth) quantities are assumed and shall be determined by the Engineer. The Engineer shall document actual locations and types of repairs on As-Built plans.
5. Apply protective coat to new concrete surfaces of structurally repaired concrete.
6. Repair work shall not be performed on both sides of the column at the same time.

SHT. 2 OF 2

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
WIDENING AND RESURFACING
CATON FARM ROAD OVER I-55, S.N. 099-0210
STA. 199+97.84, SECTION 99 (1&2) WRS-2
WILL COUNTY

PIER REPAIRS

SCALE: DATE 02/23/07 DRAWN BY MW CHECKED BY MJK

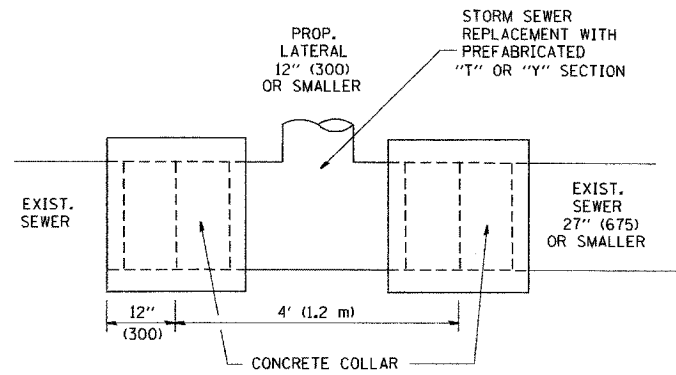
TENG

TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

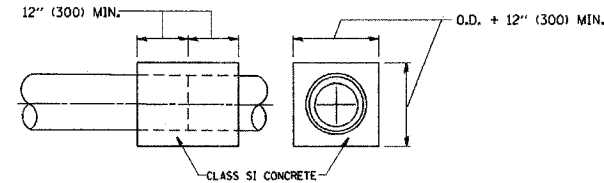
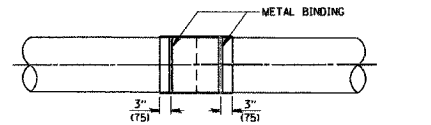
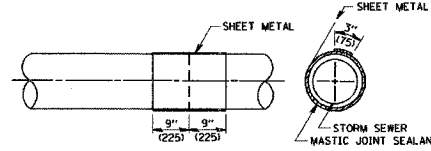
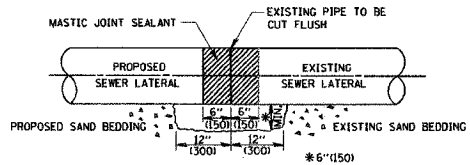
MORCOM, N.V., INC.
CONSULTING ENGINEERS
CHICAGO, ILLINOIS

PLOT DATE = 02/23/07
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



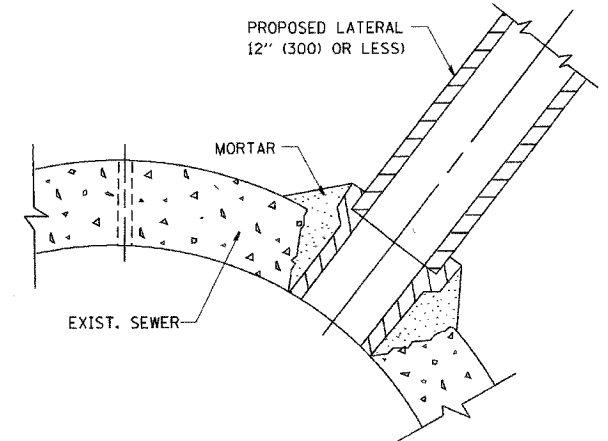
DETAIL "A"
LATERAL CONNECTION TO EXISTING SEWER
OF 27" (675) OR SMALLER



DETAIL "B"
CLASS SI CONCRETE COLLAR

CONSTRUCTION SEQUENCE

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12" x 6" (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 I.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 3" (75) LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OOZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.



DETAIL "C"
PROPOSED LATERAL
CONNECTION TO EXISTING SEWER
OF 30" (750) OR LARGER

NOTES

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

I THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.

II CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:

- A) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
- B) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

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

GENERAL

CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.

CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS. THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.

REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.

CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

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

REVISIONS	NAME	DATE
	M. DE YONG	07/25/90
	M. DE YONG	02/05/92
	M. DE YONG	05/08/92
	R. SHAH	09/09/94
	R. SHAH	10/25/94
	R. SHAH	06/12/96

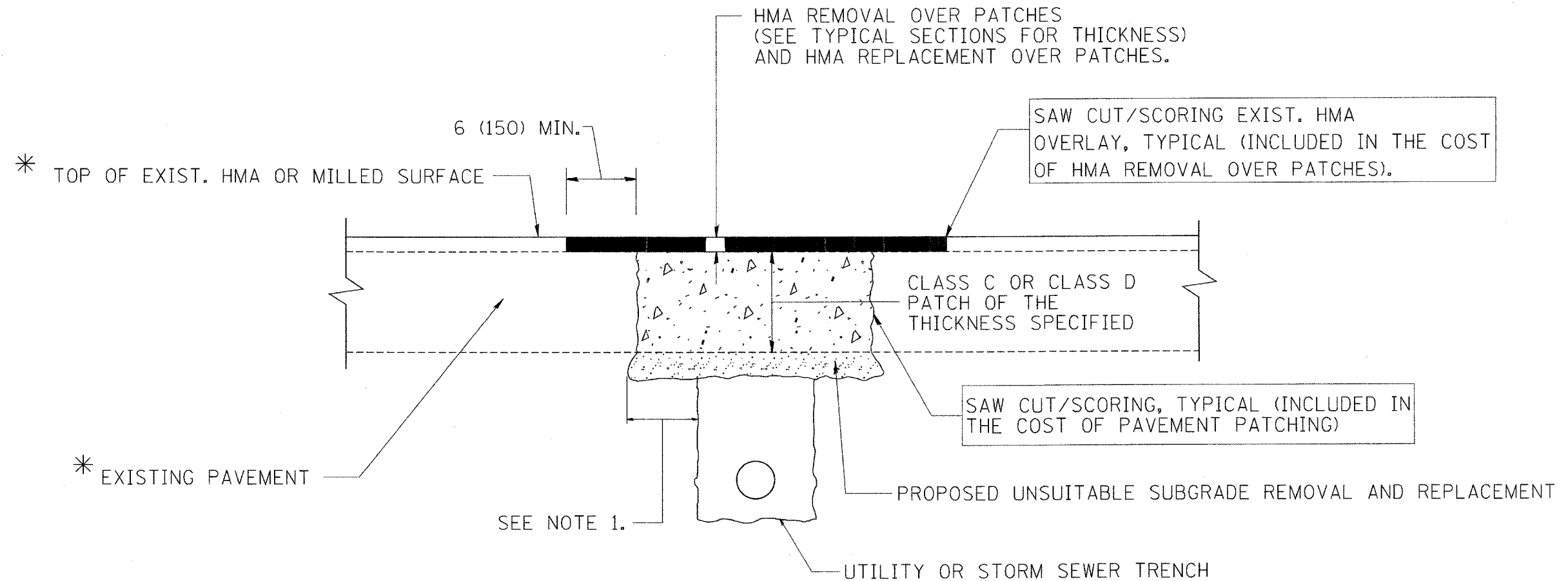
ILLINOIS DEPARTMENT OF TRANSPORTATION
DETAIL OF STORM SEWER
CONNECTION TO EXISTING SEWER

SCALE: VERT.
HORIZ.
DATE: 1/18/2007

DRAWN BY
CHECKED BY

BD500-01 (BD-7)
REVISION DATE: 01/01/07

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1+E)WES-2	WILL.	225	102
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE FULL DEPTH PATCHES
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

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

REVISIONS	
NAME	DATE
R. SHAH	10/25/94
R. SHAH	01/14/95
R. SHAH	03/23/95
R. SHAH	04/24/95
A. HOUSEH	03/15/96
A. ABBAS	03/21/97
A. ABBAS	01/20/98
ART ABBAS	04/27/98
R. BORO	01/01/07

ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT

SCALE: VERT. NONE
HORIZ. 1/18/2007

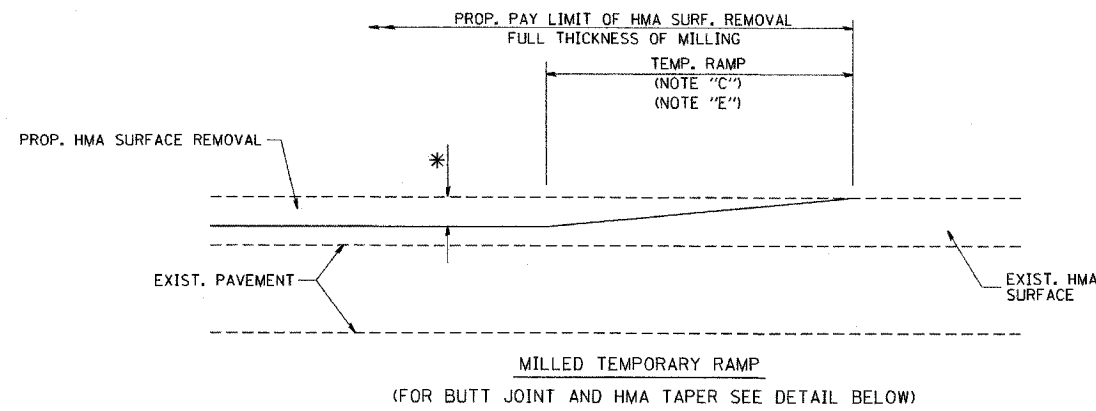
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CHECKED BY

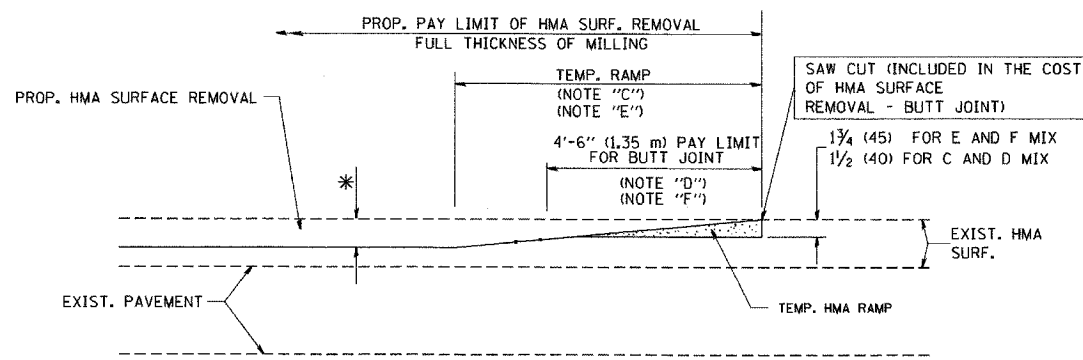
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REVISION DATE: 01/01/07

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

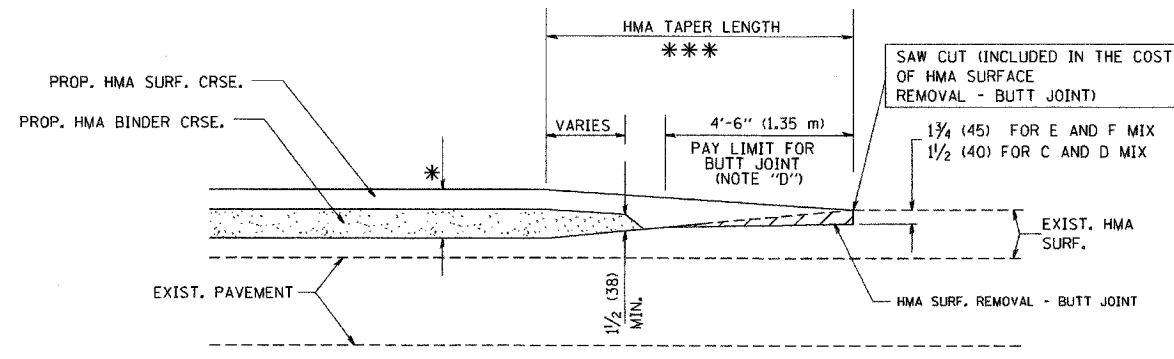


OPTION 1

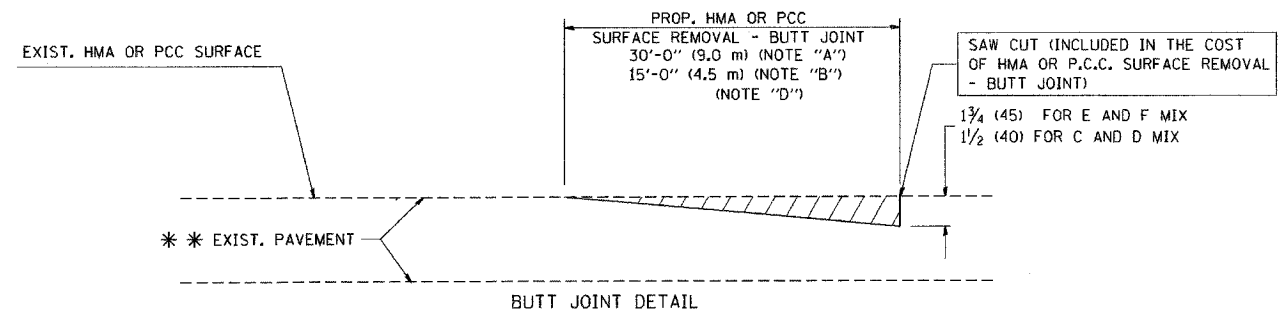


OPTION 2

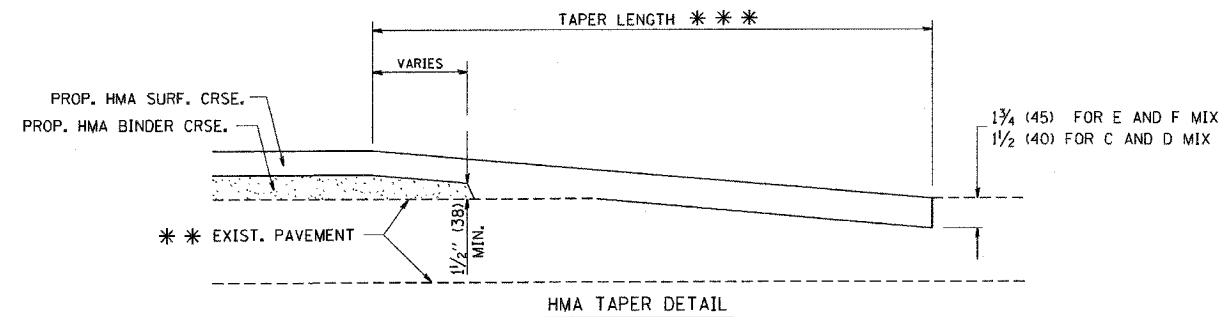
TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
 - B: MINOR SIDE ROADS.
 - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
 - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
 - E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
 - F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
 - G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.

*** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
 10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

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

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

REVISIONS	
NAME	DATE
M. DE YONG	6-13-90
M. DE YONG	7-3-90
M. DE YONG	3-27-92
R. SHAH	09/09/94
R. SHAH	10/25/94
A. ABBAS	03/21/97
M. GOMEZ	04/06/01
R. BORO	01/01/07

ILLINOIS DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER DETAILS

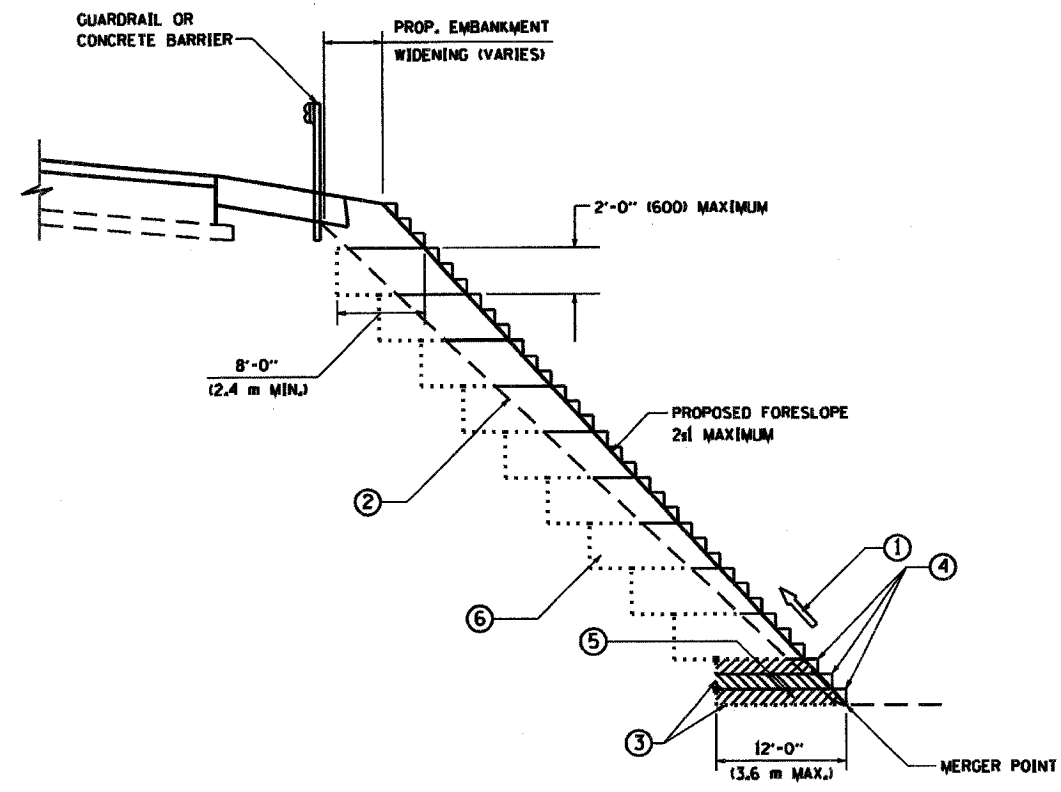
SCALE: VERT. NONE
 HORIZ. 1" = 10'

DRAWN BY
 CHECKED BY

BD400-05 (VI-BD32)
 REVISION DATE: 01/01/07

PLOT DATE = 1/18/2007
 FILE NAME = c:\projects\60b4\as01\as01.dwg
 PLOT SCALE = 1/8" = 1'-0"
 USER NAME = crtrng

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(142) WKS-2	WILL	228	183A
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



TYPICAL BENCHING DETAIL FOR EMBANKMENT

NOTES:

- ① CONSTRUCT SUCCEEDING BENCH CUTS AND EMBANKMENT PLACEMENT AND COMPACTION FROM BOTTOM TO TOP IN STAIRSTEP FASHION.
- ② EXISTING FORESLOPE PREPARED IN ACCORDANCE WITH ARTICLE 205.03 OF THE STANDARD SPECIFICATIONS.
- ③ BENCH CUT EXISTING SLOPE TYPICAL FOR EACH STEP.
- ④ TRIM TO FINAL SLOPE.
- ⑤ EQUAL 8-INCH (200) LIFTS OF EMBANKMENT COMPACTED IN ACCORDANCE WITH ARTICLE 205.05 OF THE STANDARD SPECIFICATIONS.
- ⑥ EXCAVATION OF BENCH CUTS WITHIN EXISTING EMBANKMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC METER OR CUBIC YARD FOR "EARTH EXCAVATION". THIS PRICE WILL INCLUDE ALL LABOR AND MATERIAL. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ⑦ SLOPES SHALL BE BENCHED ACCORDING TO THIS DETAIL WHEN THE SLOPE IS STEEPER THAN 4:1 AND THE HEIGHT IS GREATER THAN 5' (1.5 m)

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

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
BENCHING DETAIL FOR EMBANKMENT WIDENING

SCALE: VERT. 1"=4'-0"
HORIZ. 1"=20'-0"
DATE: 1/18/2007

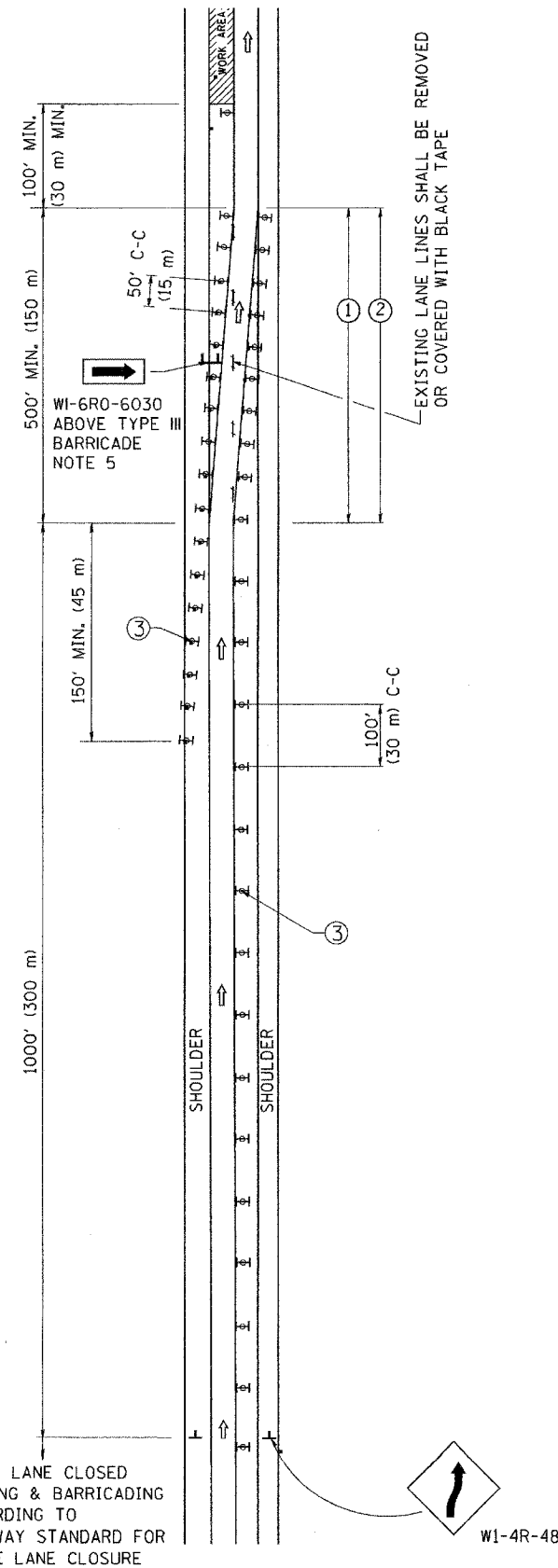
DRAWN BY: CADD
CHECKED BY: S.E.B.
BD-51

REVISION DATE: 01/01/17

PLOT DATE: 1/18/2007
PLOT SCALE: 1"=4'-0"
USER: haddad

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1+2)WES-2	WILL	228	184
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

SINGLE LANE WEAVE

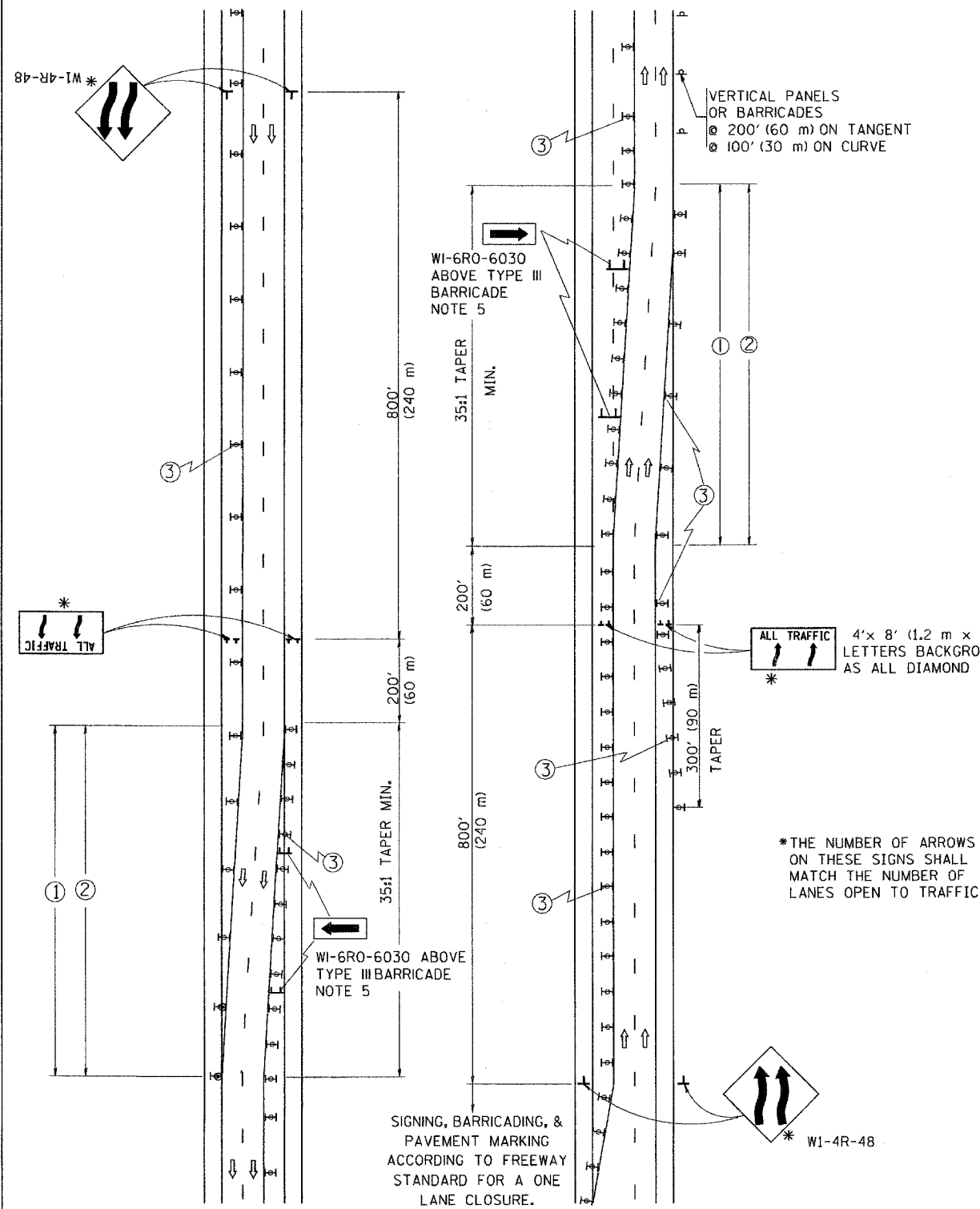


RIGHT LANE CLOSED
SIGNING & BARRICADING
ACCORDING TO
FREEWAY STANDARD FOR
A ONE LANE CLOSURE



W1-4R-48

MULTI-LANE WEAVE



VERTICAL PANELS
OR BARRICADES
@ 200' (60 m) ON TANGENT
@ 100' (30 m) ON CURVE

WI-6RO-6030
ABOVE TYPE III
BARRICADE
NOTE 5

WI-6RO-6030 ABOVE
TYPE III BARRICADE
NOTE 5

SIGNING, BARRICADING, &
PAVEMENT MARKING
ACCORDING TO FREEWAY
STANDARD FOR A ONE
LANE CLOSURE.

*THE NUMBER OF ARROWS
ON THESE SIGNS SHALL
MATCH THE NUMBER OF
LANES OPEN TO TRAFFIC

ALL TRAFFIC
4' x 8' (1.2 m x 2.4 m); 1 (25) BORDER; 10 (250) CAPITAL
LETTERS BACKGROUND SHEETING SHALL BE THE SAME
AS ALL DIAMOND SHAPED CONSTRUCTION SIGNS.

GENERAL NOTES

- EXISTING CONFLICTING PAVEMENT MARKING LINES SHALL BE REMOVED OR COVERED WITH BLACK TAPE. PAVEMENT MARKING REMOVAL OR BLACK TAPE SHALL NOT BE REQUIRED FOR LANE CLOSURES UNDER 24 HOURS IN DURATION.
- CONTINUOUS REFLECTIVE TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE TAPER AND FOR 300' (90 m) ALONG SIDE THE WORK AREA WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS. THE LEFT EDGE LINE SHALL BE YELLOW AND THE RIGHT EDGE LINE SHALL BE WHITE. FOR MULTI-LANE WEAVE LANE LINES SHALL BE 10'-30' (3 m-9 m) SKIP DASH, WHITE.
- PLASTIC DRUMS WITH STEADY BURN LIGHTS AT 50' (15 m) C-C SPACING IN TAPERS AND 100' (30 m) C-C SPACING IN TANGENTS.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 IS NOT AVAILABLE, THE SIGNS MAY BE MOUNTED ON NCHRP 350 TEMPORARY SIGN SUPPORTS DIRECTLY IN FRONT OF THE BARRICADE.
- IF THE WIDTH OF OFFSET IS LESS THAN 6' THEN THE TYPE III BARRICADE WITH ATTACHED ARROW SIGN PANEL CAN BE ELIMINATED IN THE TAPER AREAS.

SYMBOLS



DIRECTION OF TRAFFIC



WORK AREA



SIGN ON PORTABLE OR PERMANENT SUPPORT



TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH MONO-DIRECTIONAL STEADY BURNING LIGHT

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
UNLESS OTHERWISE SHOWN

REVISIONS	
NAME	DATE
DWS	2/87
DWS	1/90
DWS	12/27/94
DWS	11/96
JAF	4/03
JAF	2/06
SPB	1/07

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC CONTROL DETAILS
FOR FREEWAY
SINGLE & MULTI-LANE WEAVE

SCALE:
DATE: 1/4/2007

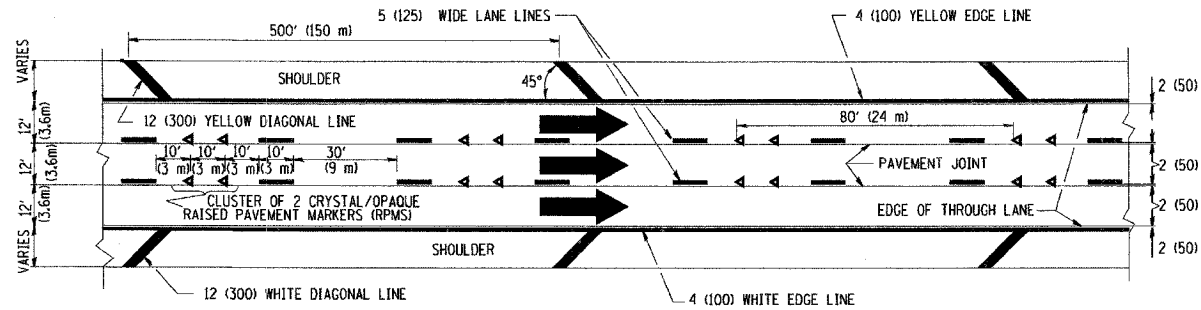
DRAWN BY R.H.
CHECKED BY

TC-9

REVISION DATE: 01/01/07

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1+2)WES-2	WILL	228	185
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		

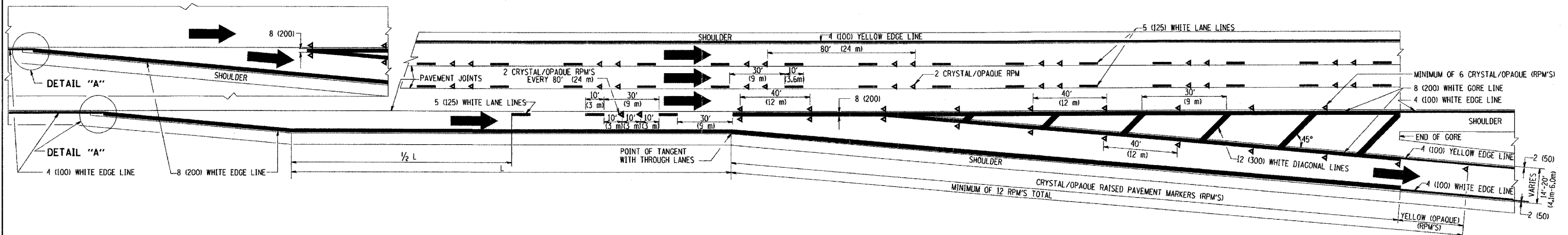
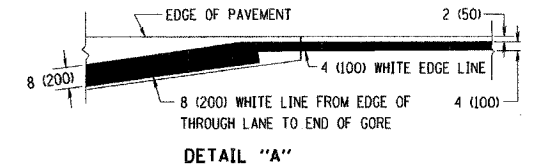
THE DIAGONAL LINES SHALL BE SPACED AT 40' (12 m) C-C ACROSS ALL STRUCTURES WHICH ARE 500' (150 m) OR LESS IN LENGTH
THE DIAGONAL LINES ARE NOT REQUIRED ON SHOULDERS WHICH ARE 6' (1.8 m) OR LESS IN WIDTH



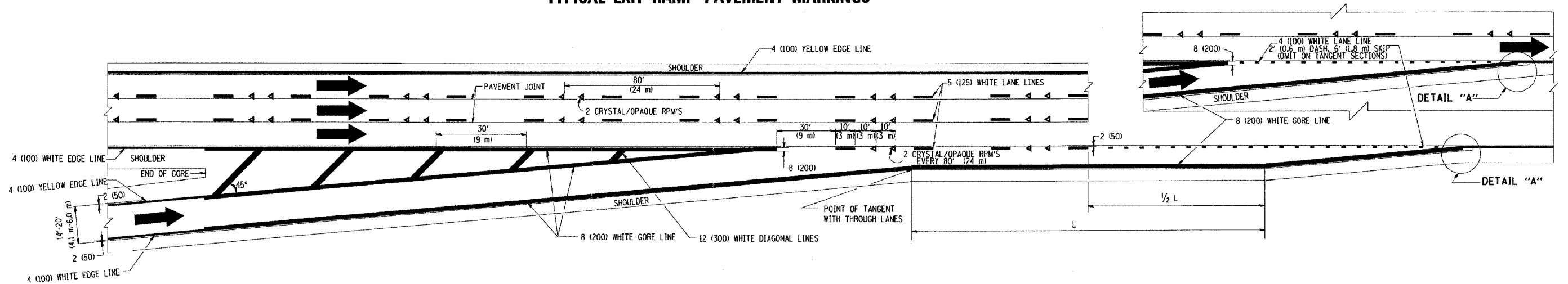
TYPICAL EDGE LINES & LANE LINES

NOTES:

1. THERMO PLASTIC PAVEMENT MARKING LINE SHALL BE USED FOR THE EDGE LINES, GORE LINES, AND DIAGONAL LINES ON BITUMINOUS PAVEMENT ONLY.
2. PREFORMED PLASTIC TYPE B PAVEMENT MARKING LINE SHALL BE USED FOR ALL LANE LINES ON BITUMINOUS PAVEMENT
3. POLYUREA PAVEMENT MARKING SHALL BE USED FOR ALL MARKINGS ON PCC



TYPICAL EXIT RAMP PAVEMENT MARKINGS



TYPICAL ENTRANCE RAMP PAVEMENT MARKINGS

REVISIONS	
NAME	DATE
DWS	1/90
DWS	5/91
AH	3/96
DWS	7/96
JAF	2/06
SPB	1/07

ILLINOIS DEPARTMENT OF TRANSPORTATION

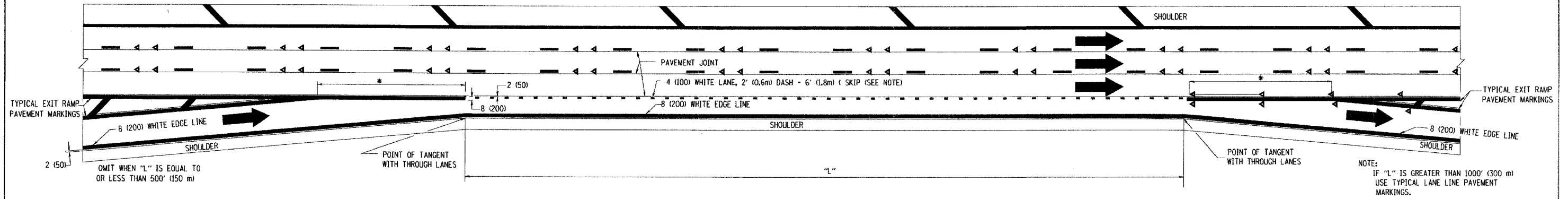
MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS

SCALE: NONE
DATE: 1/4/2007

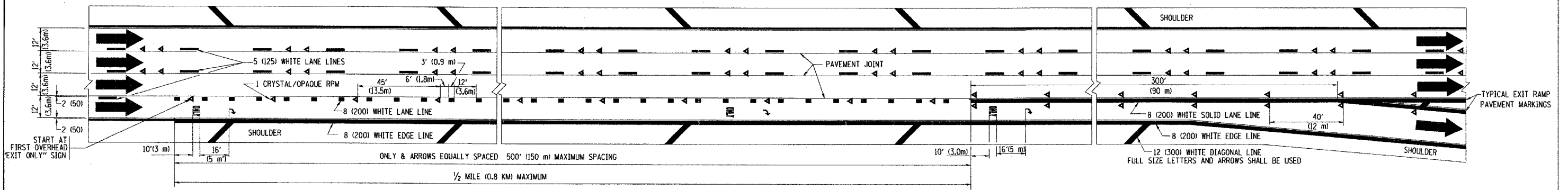
DRAWN BY C.A.D.D.
CHECKED BY

TC12 SHEET 1 OF 2
REVISION DATE: 01/01/07

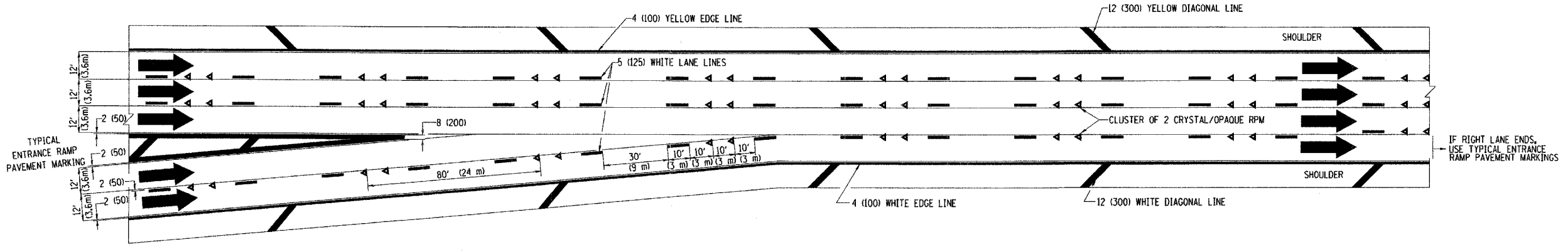
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1f2)WES-2	WILL	228	186
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



TYPICAL ENTRANCE/EXIT RAMP COMBINATION PAVEMENT MARKINGS



TYPICAL EXIT ONLY LANE PAVEMENT MARKINGS



TYPICAL TWO LANE ENTRANCE RAMP PAVEMENT MARKINGS

REVISIONS	
NAME	DATE
DWS	1/90
DWS	5/91
SPB	1/07

ILLINOIS DEPARTMENT OF TRANSPORTATION
**MULTI-LANE FREEWAY
 PAVEMENT MARKING
 DETAILS**

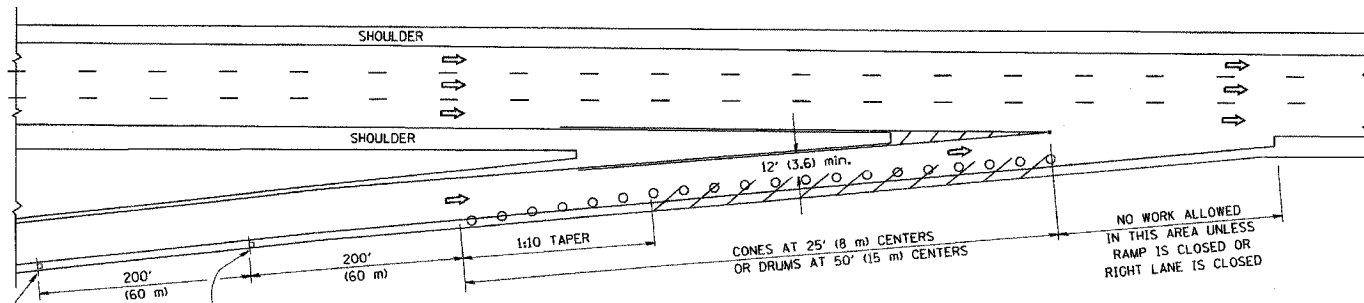
SCALE: NONE
 DATE: 1/16/2007
 DRAWN BY C.A.D.D.
 CHECKED BY
 TC12 SHEET 2 OF 2
 REVISION DATE: 01/01/07

PLOT DATE = 1/16/2007
 FILE NAME = K:\data\std\std12.dgn
 PLOT SCALE = 50:000 / 1" = 100'
 USER NAME = jaygo

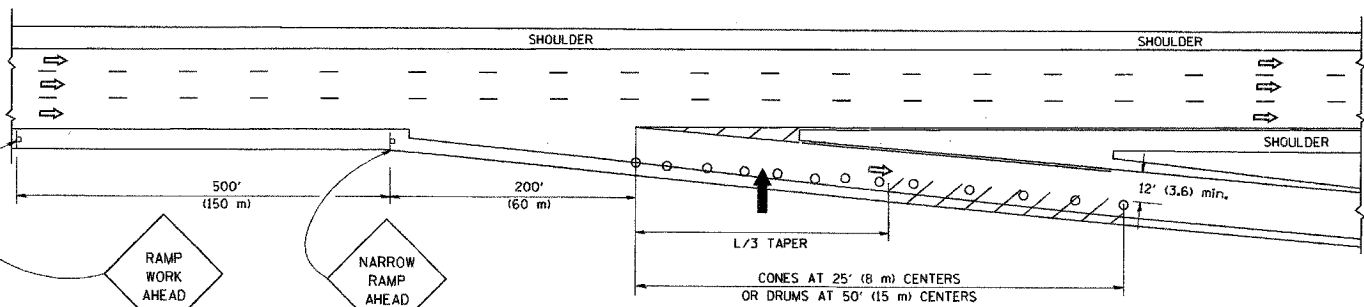
PARTIAL RAMP CLOSURE DETAILS

SHOULDER CLOSURE DETAILS

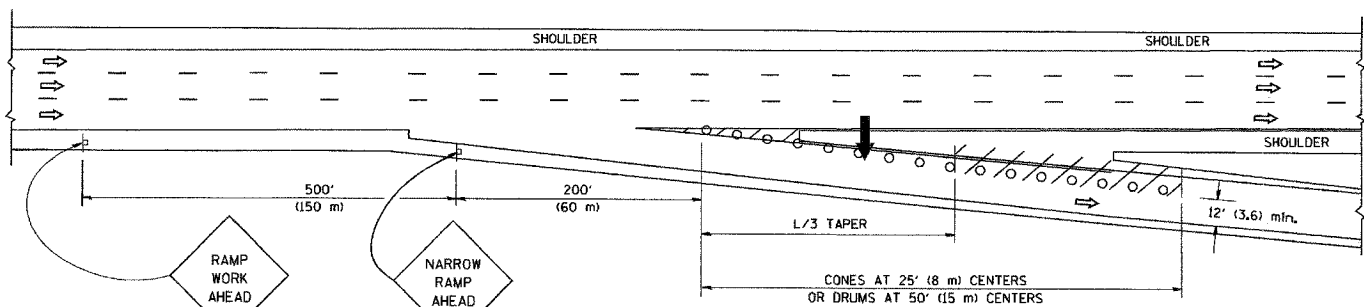
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (112) WBS-2	WILL	228	187
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



TYPICAL ENTRANCE RAMP



TYPICAL EXIT RAMP



TYPICAL EXIT RAMP

SYMBOLS

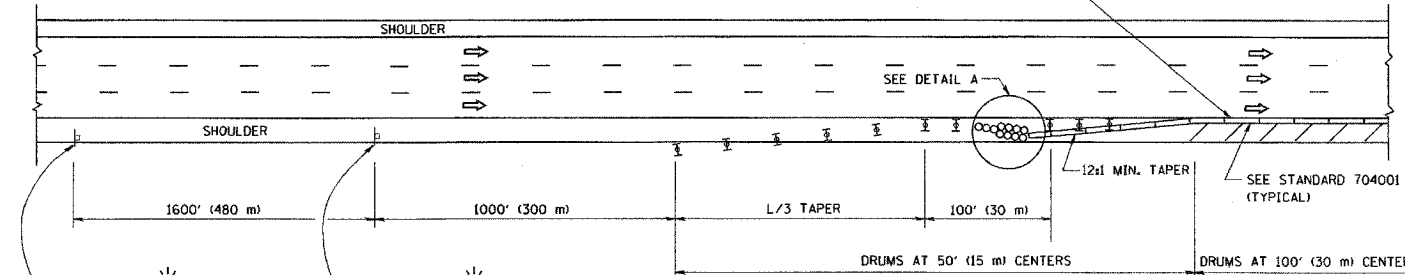
- ARROWBOARD
- WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH CONTROL SIGN
- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- CONE, DRUM OR BARRICADE

GENERAL NOTES

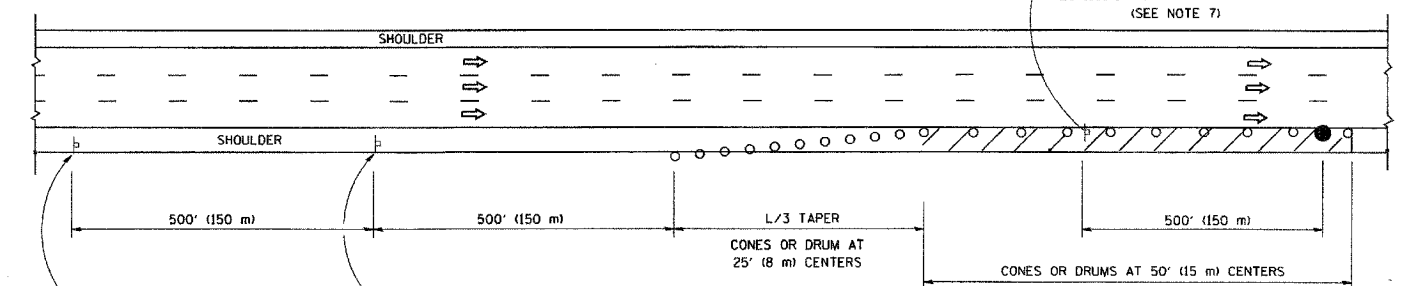
- THE "L" DISTANCE EQUALS:

SPEED LIMIT	FORMULAS
45 mph (80 km/h)	METRIC ENGLISH
OR GREATER:	$L = 0.65(W/S)$ $L = (WXS)$

W = WIDTH OF OFFSET IN FEET (METERS)
S = NORMAL POSTED SPEED MPH (KM/H)
- PLASTIC DRUMS WITH HIGH PERFORMANCE REFLECTIVE SHEETING AND STEADY BURNING LIGHTS ARE REQUIRED FOR ALL NIGHTTIME CLOSURES.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- FLASHING LIGHTS SHALL BE USED DURING THE HOURS OF DARKNESS AND SHALL BE INSTALLED ABOVE THE FIRST TWO SETS OF SIGNS.



PERMANENT SHOULDER CLOSURE



DAYTIME SHOULDER CLOSURE

THIS DETAIL IS USED WHERE:
1. VEHICLES, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCR OACH IN AN AREA CLOSER THAN 15' (4.5 m) TO THE EDGE OF PAVEMENT FOR A PERIOD IN EXCESS OF 15 MINUTES.

ARRAY DESIGN PER MANUFACTURER TO BE NCHRP 350 COMPLIANT FOR POSTED SPEED.

DETAIL "A"
IMPACT ATTENUATOR, TEMPORARY
(SEE NOTE 5)

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

REVISIONS	
NAME	DATE
DWS	11/96
JAF	12/02
NCHRP 350	04/03
JAF	2/06
SPB	1/07

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC CONTROL DETAILS
FOR FREEWAY
SHOULDER CLOSURES
PARTIAL RAMP CLOSURES

DESIGNED BY: DWS
DRAWN BY:
CHECKED BY:

SCALE: NONE
DATE: 1/16/2007

TC-17

REVISION DATE: 01/01/07

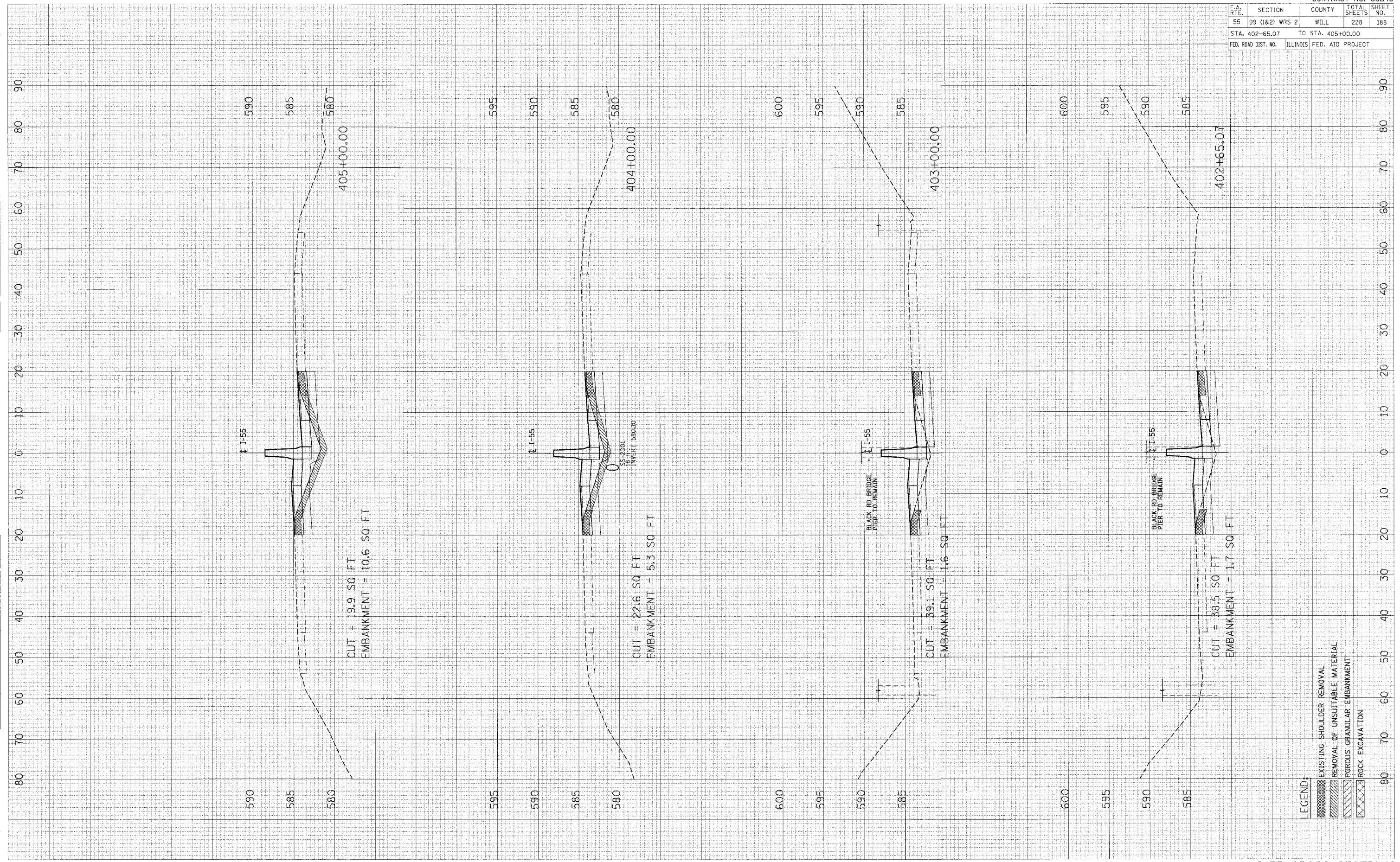
PLOT DATE: 1/16/2007
 FILE NAME: K:\Users\jaf\17.dgn
 PLOT SCALE: 50.0000 / IN.
 USER NAME: jaf

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	188
STA. 402+65.07		TO STA. 405+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY
 SURVEYED
 PLOTTED
 NOTE BOOK
 AREAS CHECKED

ORIGINAL SURVEY
 SURVEYED
 PLOTTED
 NOTE BOOK
 AREAS CHECKED

PLOT DATE = 08/15/05
 FILE NAME = I-55.C
 PLOT SIZE = 36" X 48"
 USER MNN



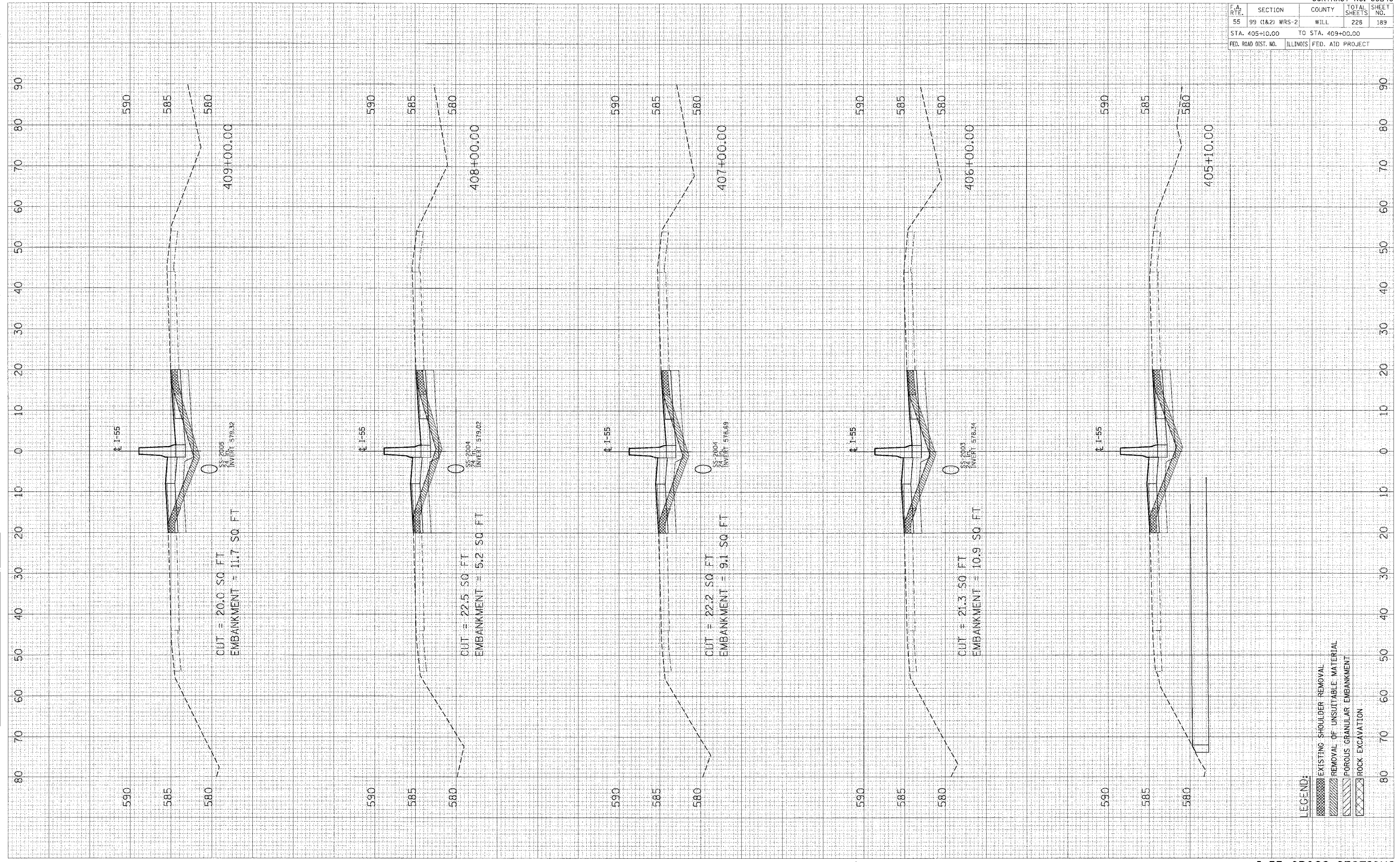
LEGEND:
 [Hatched Box] EXISTING SHOULDER REMOVAL
 [Hatched Box] REMOVAL OF UNSUITABLE MATERIAL
 [Hatched Box] POROUS GRANULAR EMBANKMENT
 [Hatched Box] ROCK EXCAVATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	189
STA. 405+10.00		TO STA. 409+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY	SURVEYED
NOTE BOOK	PLANTING
NO.	AREAS CHECKED

ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLANTING
NO.	AREAS CHECKED

PLOT DATE = 04/15/04
 FILE NAME = 041504
 PLOT SCALE = 1"=40'
 USER NAME = JLS



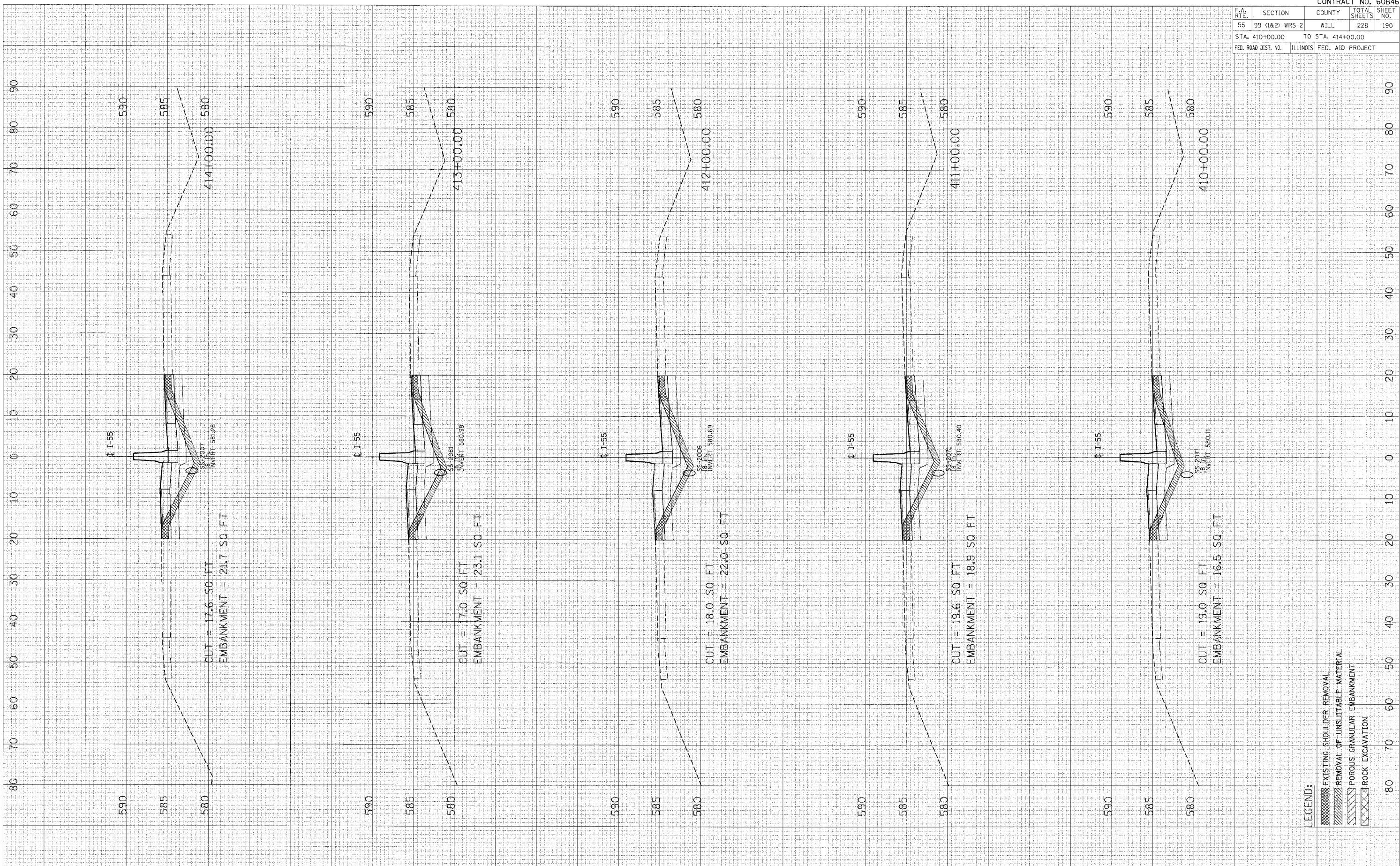
- LEGEND:
- EXISTING SHOULDER REMOVAL
 - REMOVAL OF UNSUITABLE MATERIAL
 - POROUS GRANULAR EMBANKMENT
 - ROCK EXCAVATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL.	228	190
STA. 410+00.00		TO STA. 414+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY PLOTTED SURVEY NOTE BOOK NO. AREAS CHECKED

ORIGINAL SURVEY PLOTTED SURVEY NOTE BOOK NO. AREAS CHECKED

PLOT DATE = DATE PLOTTED SURVEY PLOTTED SURVEY PLOTTED SURVEY PLOTTED SURVEY



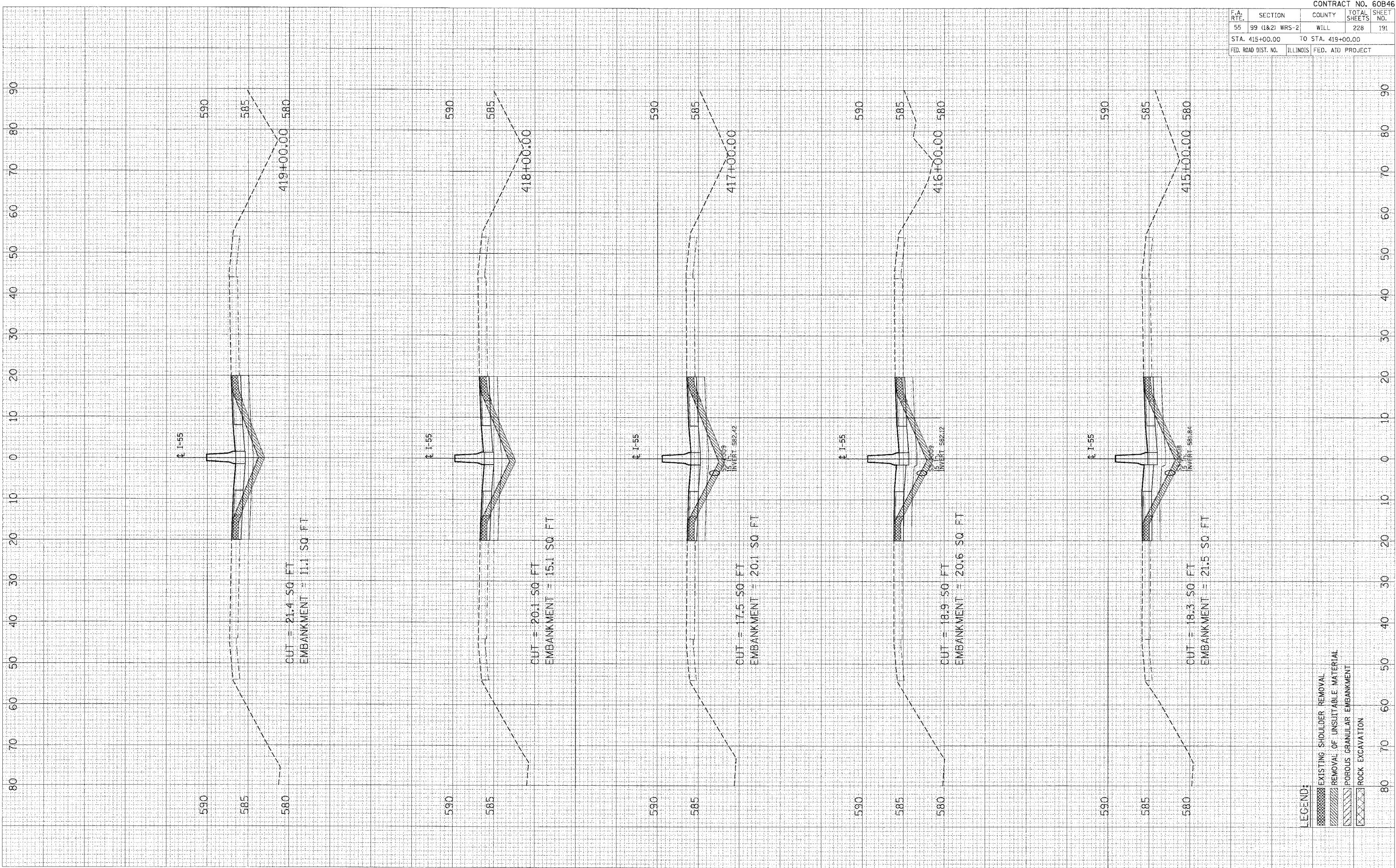
- LEGEND:
- EXISTING SHOULDER REMOVAL
 - REMOVAL OF UNSUITABLE MATERIAL
 - POROUS GRANULAR EMBANKMENT
 - ROCK EXCAVATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	191
STA. 415+00.00 TO STA. 419+00.00				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SURVEY NO. _____
 SURVEY DATE _____
 SURVEY BY _____
 SURVEY CHECKED BY _____
 SURVEY NO. _____
 SURVEY DATE _____
 SURVEY BY _____
 SURVEY CHECKED BY _____

SURVEY NO. _____
 SURVEY DATE _____
 SURVEY BY _____
 SURVEY CHECKED BY _____
 SURVEY NO. _____
 SURVEY DATE _____
 SURVEY BY _____
 SURVEY CHECKED BY _____

PLOT DATE = 08/15/08
 PLOT NAME = I-55
 PLOT SCALE = 1"=40'
 USER NAME = J. B. HARRIS

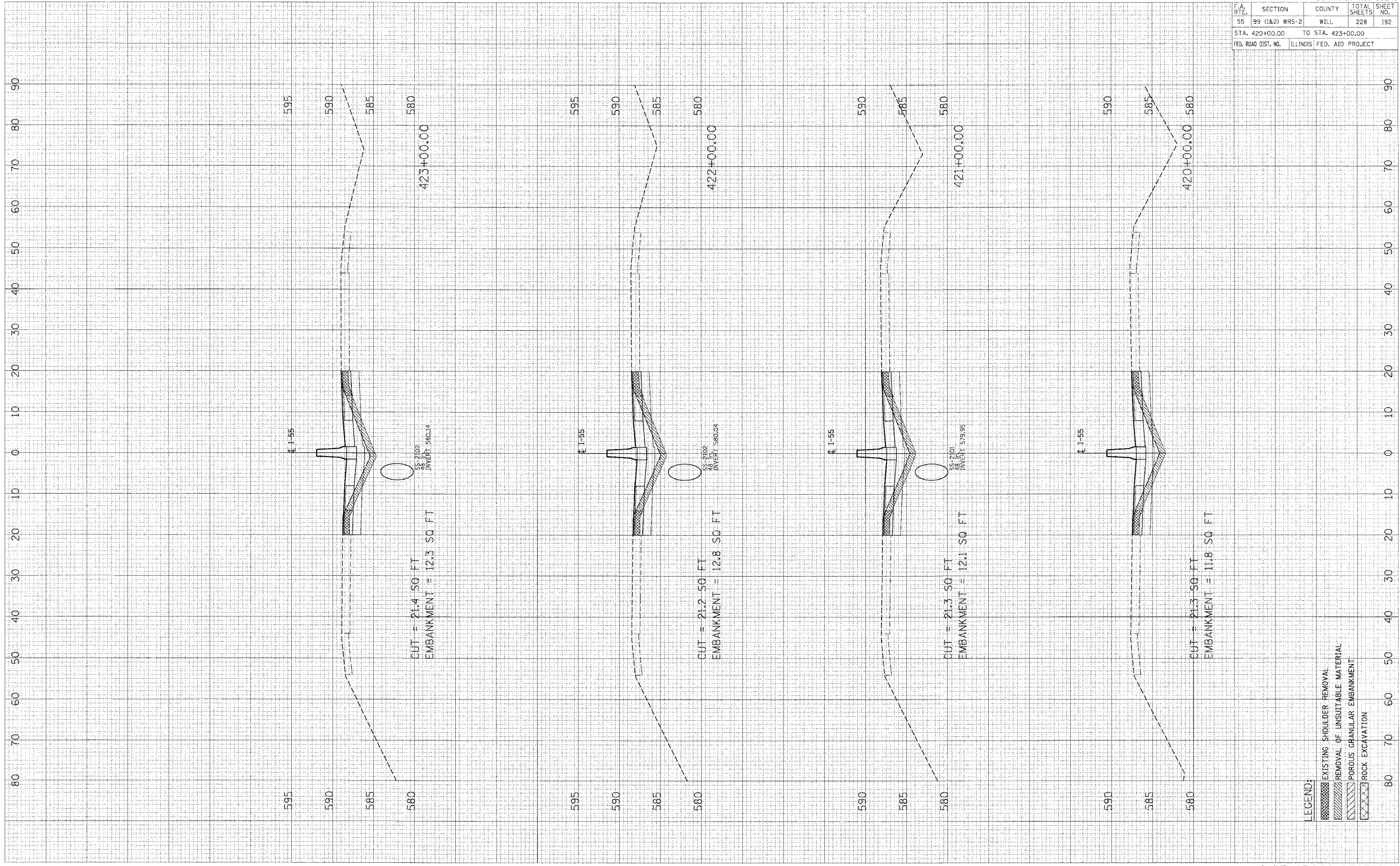


- LEGEND:
- EXISTING SHOULDER REMOVAL
 - REMOVAL OF UNSUITABLE MATERIAL
 - POROUS GRANULAR EMBANKMENT
 - ROCK EXCAVATION

PLOT DATE = 8/17/89
 PLOT SCALE = 1" = 40'
 USER NO. = 10000

ORIGINAL SURVEY
 SURVEY PLOTTED
 NOTE BOOK NO. _____
 TEMPLATE AREAS CHECKED

FINAL SURVEY
 SURVEY PLOTTED
 NOTE BOOK NO. _____
 TEMPLATE AREAS CHECKED



LEGEND:
 EXISTING SHOULDER REMOVAL
 REMOVAL OF UNSUITABLE MATERIAL
 POROUS GRANULAR EMBANKMENT
 ROCK EXCAVATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL.	228	192
STA. 420+00.00		TO STA. 423+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

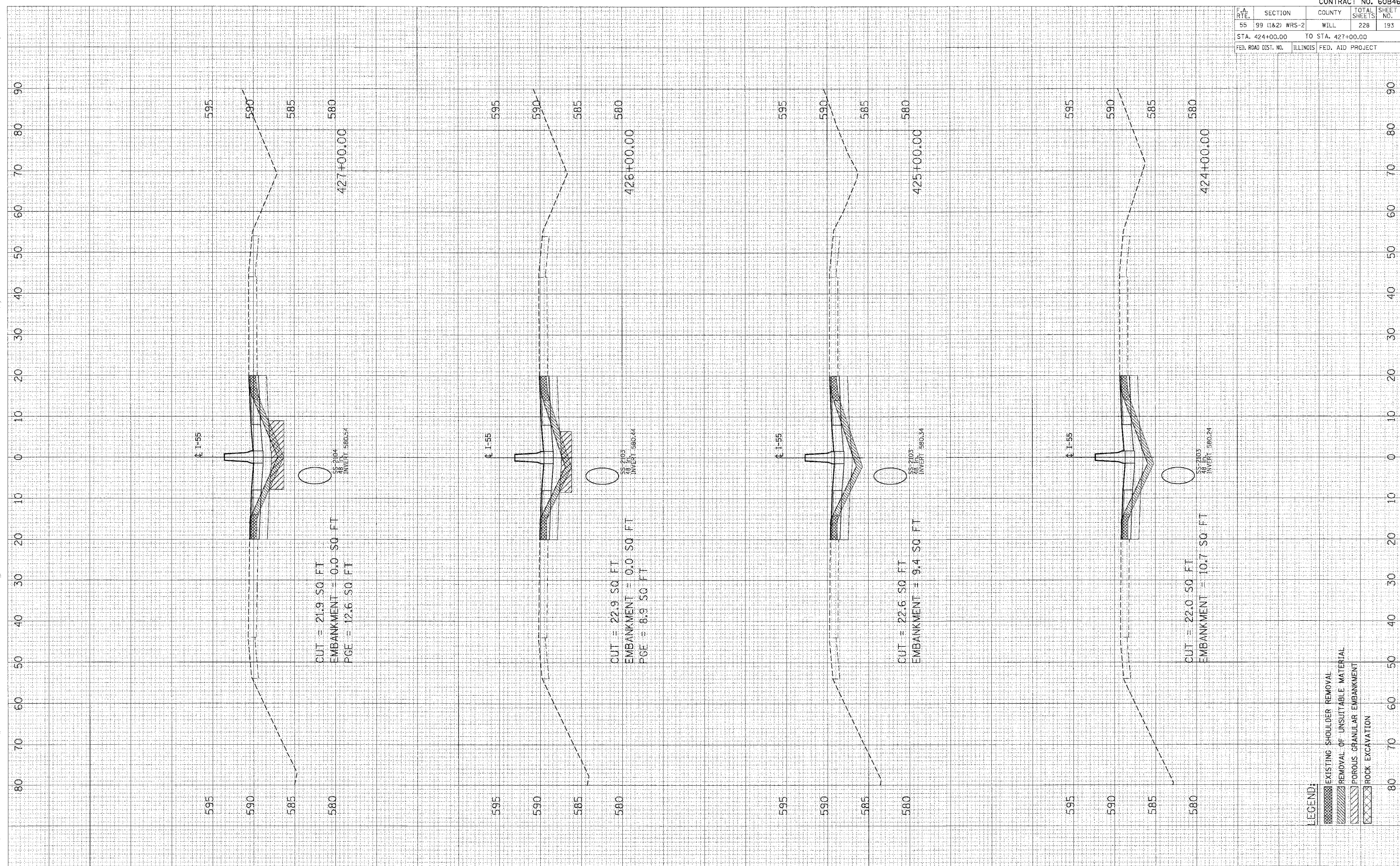
I-55 CROSS-SECTIONS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL.	228	193
STA. 424+00.00		TO STA. 427+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY NOTE BOOK NO. _____
 SURVEYED BY _____
 DRAWN BY _____
 AREAS CHECKED _____

ORIGINAL SURVEY NOTE BOOK NO. _____
 SURVEYED BY _____
 DRAWN BY _____
 AREAS CHECKED _____

PLOT DATE = #DATE#
 FILE NAME = #FILE#
 PLOT SCP# = #SCALE#
 USER NA = #USER#



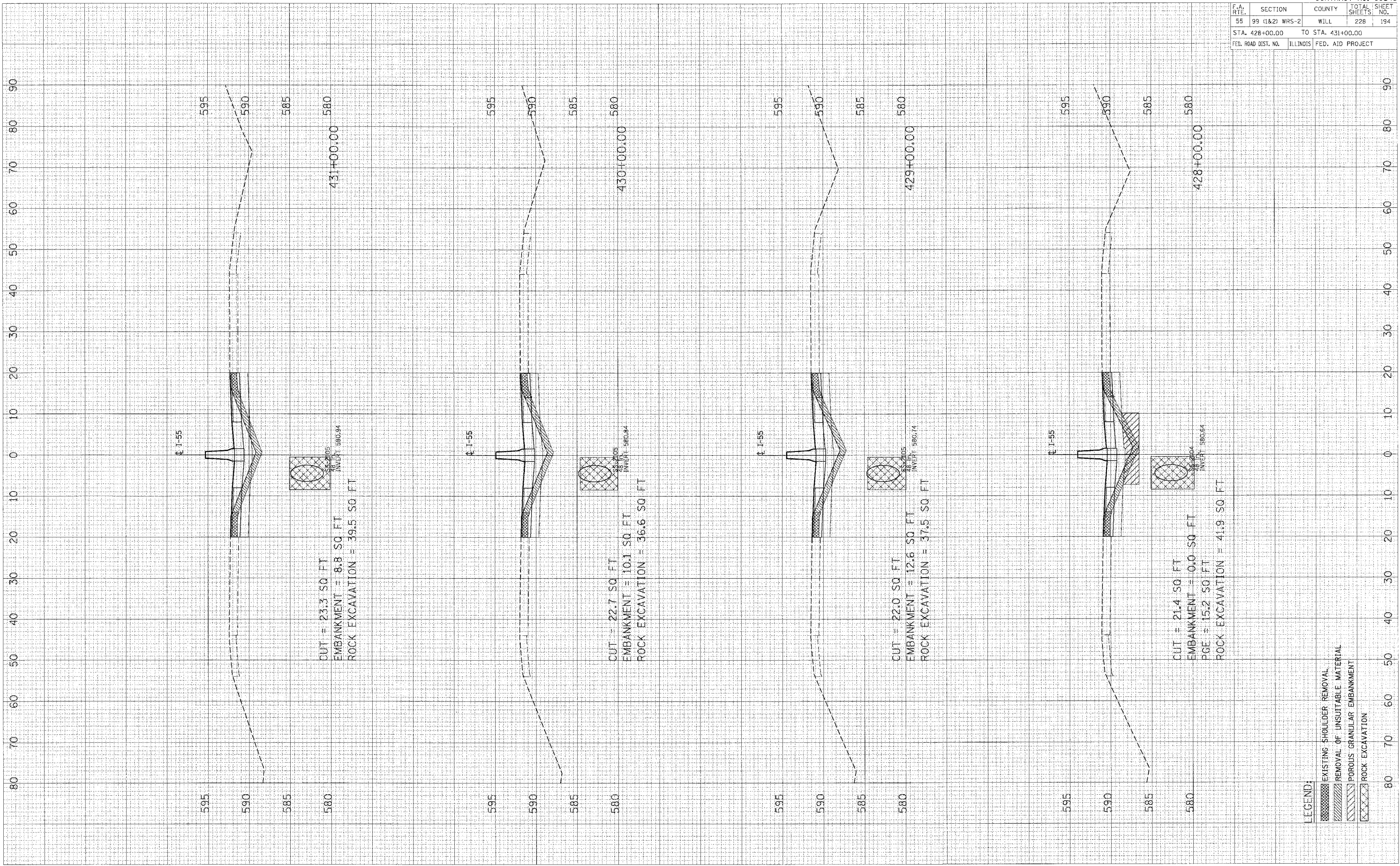
- LEGEND:
- EXISTING SHOULDER REMOVAL
 - REMOVAL OF UNSUITABLE MATERIAL
 - POROUS GRANULAR EMBANKMENT
 - ROCK EXCAVATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
55	99 (1&2) WRS-2	WILL	228
STA. 428+00.00 TO STA. 431+00.00			194
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	

SURVEYED _____
 PLOTTED _____
 NOTE BOOK _____
 NO. _____
 AREAS CHECKED _____

ORIGINAL SURVEY _____
 PLOTTED _____
 NOTE BOOK _____
 NO. _____
 AREAS CHECKED _____

PLOT DATE = 6/24/84
 PLOT BY = RSCALES
 USER NO. = RUSER8

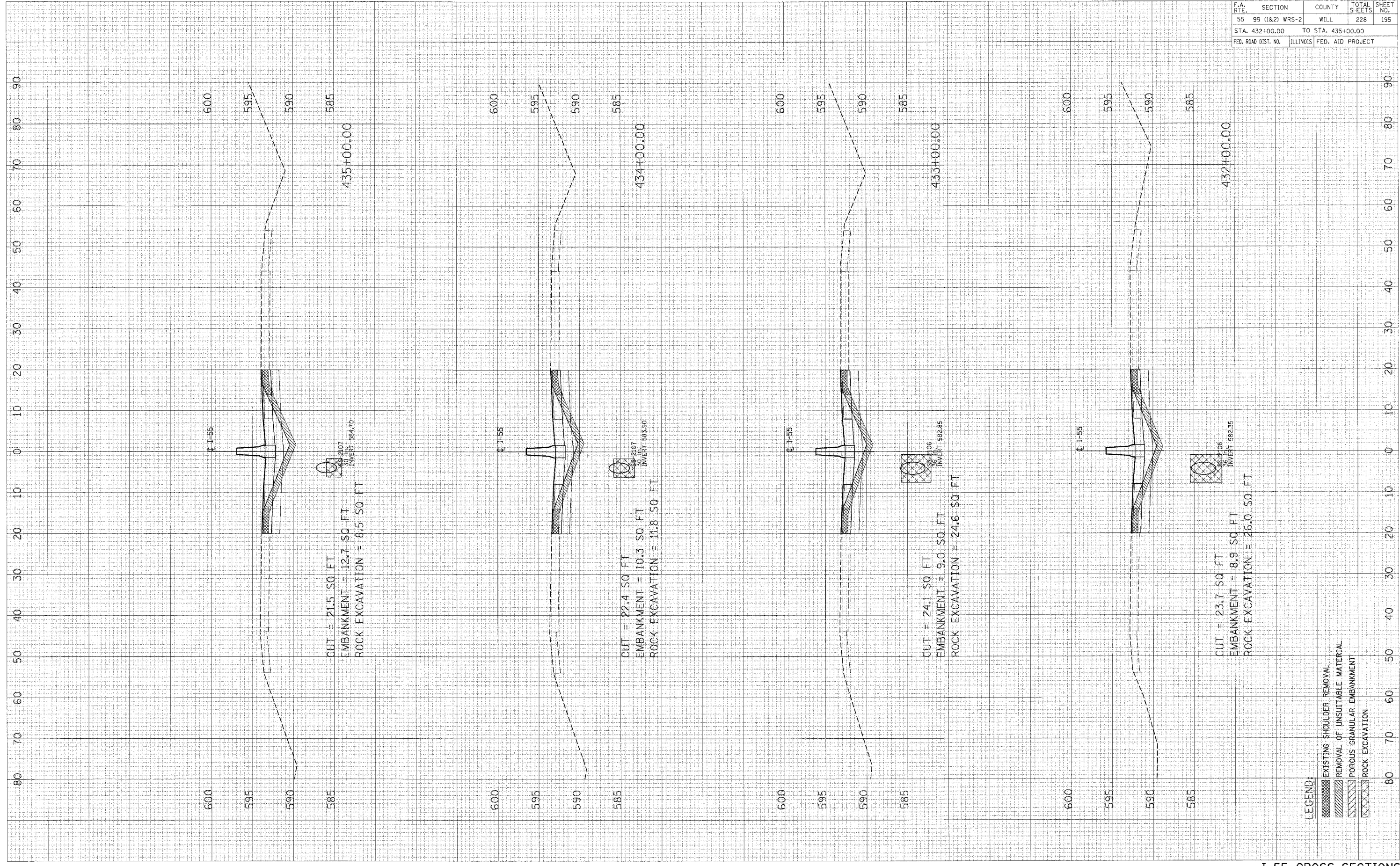


LEGEND:
 [Hatched Box] EXISTING SHOULDER REMOVAL
 [Diagonal Lines] REMOVAL OF UNSUITABLE MATERIAL
 [Cross-hatched Box] POROUS GRANULAR EMBANKMENT
 [Dotted Box] ROCK EXCAVATION

PLOT DATE = 04/25/05
 PLOT BY = J. B. BAKER
 USER NO. = 010518

UNIFORM SURVEY SURVEYED
 NOTE BOOK PLOTTED
 NO. TEMPLATE AREAS CHECKED

UNIFORM SURVEY SURVEYED
 NOTE BOOK PLOTTED
 NO. TEMPLATE AREAS CHECKED



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	195
STA. 432+00.00		TO STA. 435+00.00		
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT

I-55 CROSS-SECTIONS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	196
STA. 436+00.00		TO STA. 440+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

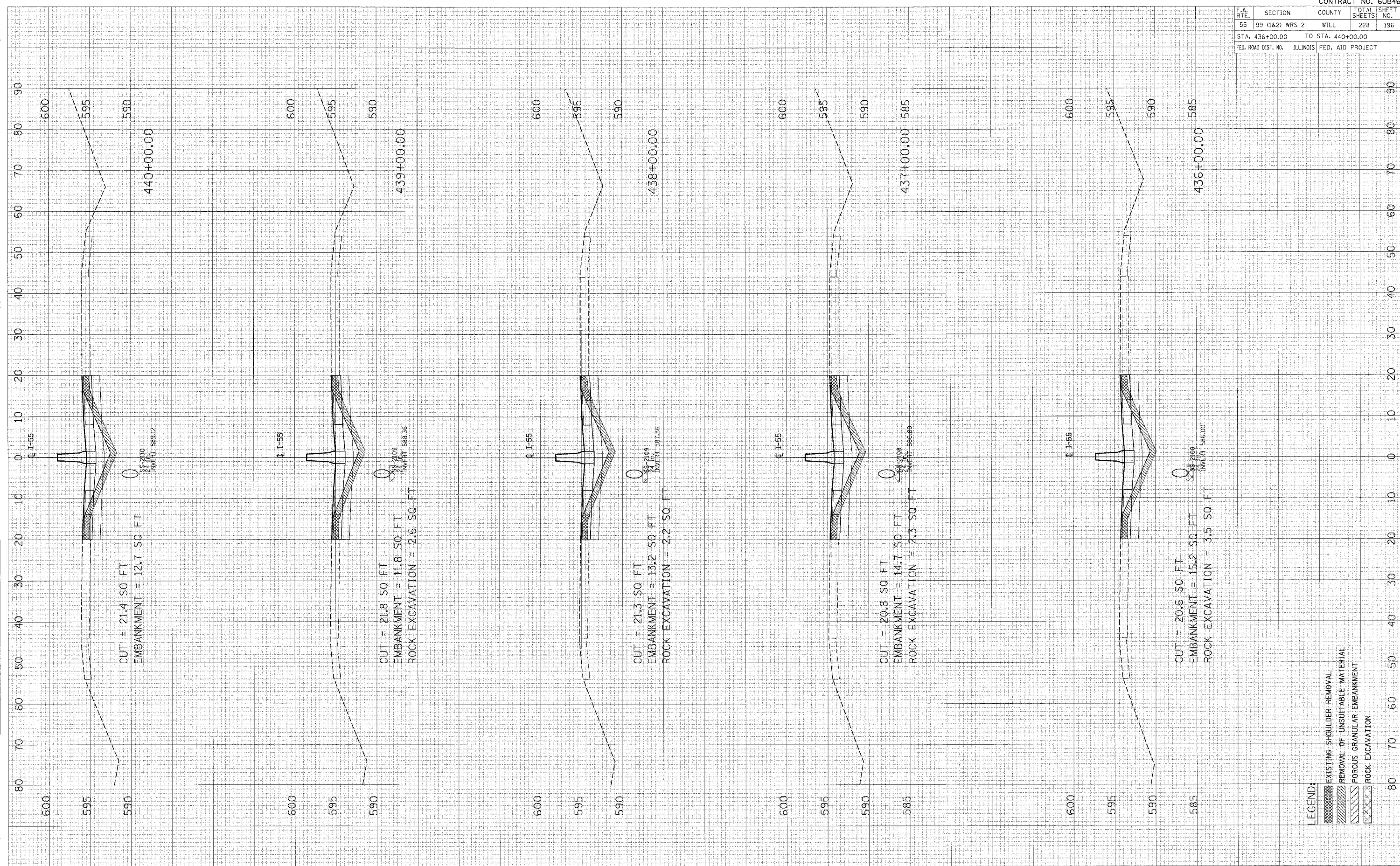
FINAL SURVEY NOTE BOOK NO. _____

SURVEYED FOR THE PROJECT MAP SHEET AREAS CHECKED

ORIGINAL SURVEY NOTE BOOK NO. _____

SURVEYED FOR THE PROJECT MAP SHEET AREAS CHECKED

PLOT DATE = 4/15/85
 FILE NAME = 436-196
 PLOT SCALE = 1"=40'
 USER NAME = JLS



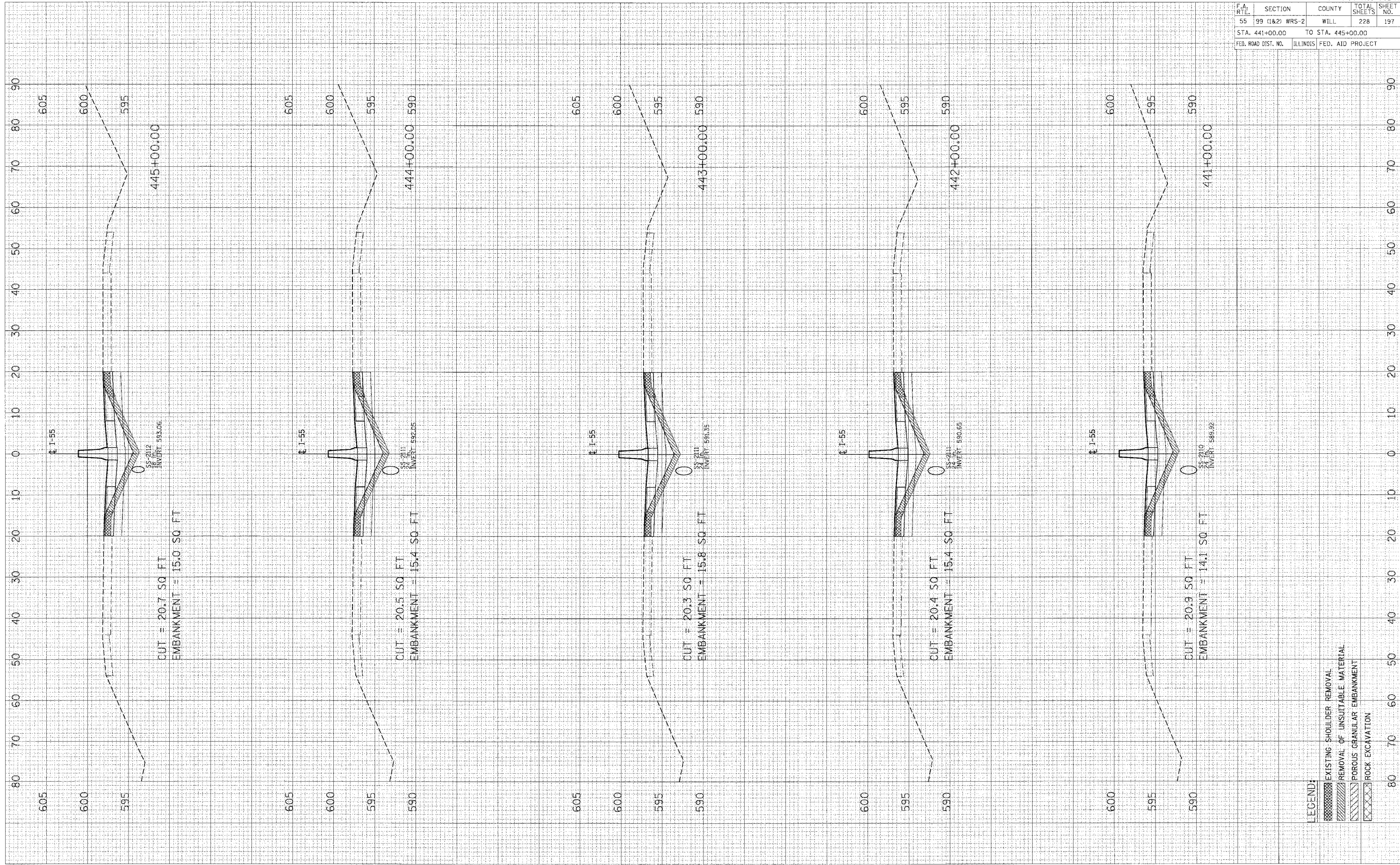
LEGEND:

- [Hatched Box] EXISTING SHOULDER REMOVAL
- [Hatched Box] REMOVAL OF UNSUITABLE MATERIAL
- [Hatched Box] POROUS GRANULAR EMBANKMENT
- [Hatched Box] ROCK EXCAVATION

PLOT DATE = 04/25/05
 FILE NAME = 011111.dwg
 PLOT SC = 1/8" = 1' SCALE
 USER NAME = 011111

FINAL SURVEY SURVEYED
 NOTE BOOK NO. _____
 TEMPLATE AREAS CHECKED

FINAL SURVEY SURVEYED
 NOTE BOOK NO. _____
 TEMPLATE AREAS CHECKED



LEGEND:
 [Hatched Box] EXISTING SHOULDER REMOVAL
 [Hatched Box] REMOVAL OF UNSUITABLE MATERIAL
 [Hatched Box] POROUS GRANULAR EMBANKMENT
 [Hatched Box] ROCK EXCAVATION

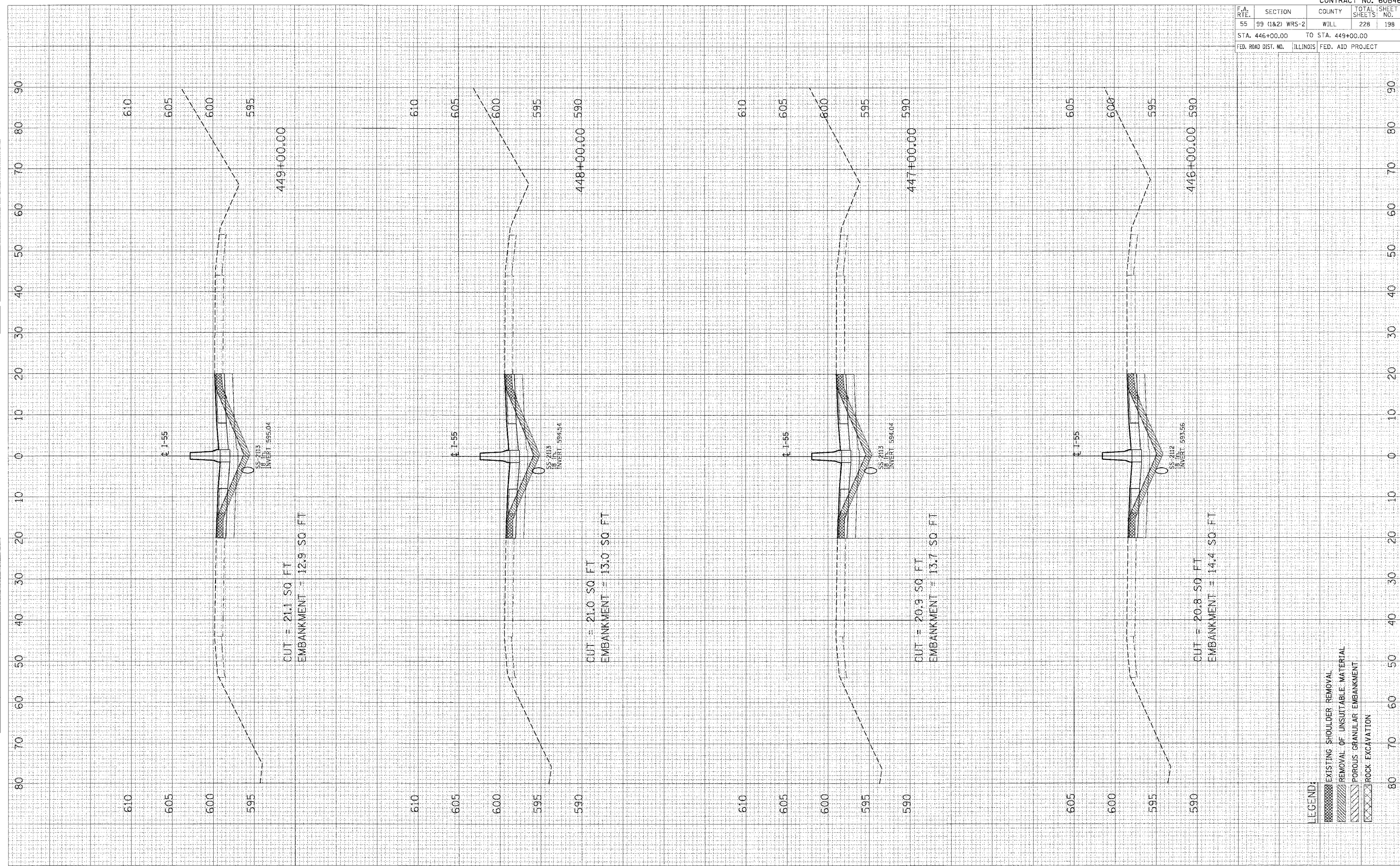
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	197
STA. 441+00.00		TO STA. 445+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	198
STA. 446+00.00		TO STA. 449+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY SURVEYED BY: []
 PLOTTED BY: []
 NOTE BOOK NO.: []
 AREAS CHECKED: []

ORIGINAL SURVEY SURVEYED BY: []
 PLOTTED BY: []
 NOTE BOOK NO.: []
 AREAS CHECKED: []

PLOT DATE = 04/15/04
 FILE NAME = 011E14
 PLOT SC = 1/8" = 1' SCALE
 USER NO. = 015678



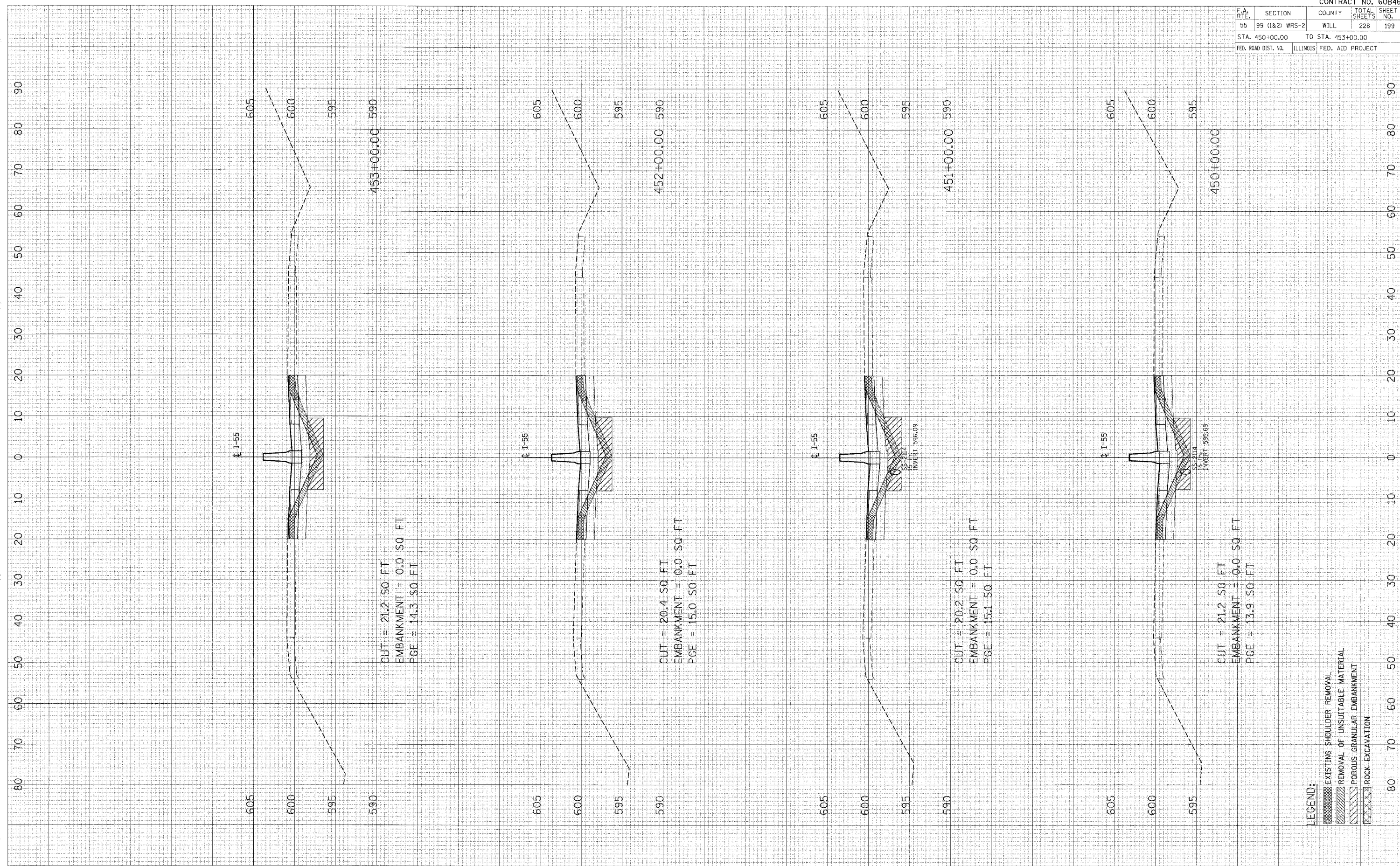
- LEGEND:
- [Hatched Box] EXISTING SHOULDER REMOVAL
 - [Hatched Box] REMOVAL OF UNSUITABLE MATERIAL
 - [Hatched Box] POROUS GRANULAR EMBANKMENT
 - [Hatched Box] ROCK EXCAVATION

F.A. RT#	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	199
STA. 450+00.00		TO STA. 453+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY NO. E BOOK NO. SURVEYED BY: [] SURVEY DATE: [] SURVEYED BY: [] SURVEY DATE: [] SURVEYED BY: [] SURVEY DATE: []

FINAL SURVEY NO. E BOOK NO. SURVEYED BY: [] SURVEY DATE: [] SURVEYED BY: [] SURVEY DATE: [] SURVEYED BY: [] SURVEY DATE: []

PLOT DATE: [] FILE NAME: [] PLOT SCALE: [] USER: []



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	200
STA. 454+00.00		TO STA. 457+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

SURVEYED _____
 PLOTTED _____
 CHECKED _____
 DATE _____
 SCALE _____
 USER _____

ORIGINAL SURVEY PLOTTED _____
 CHECKED _____
 DATE _____
 SCALE _____
 USER _____

PLOT DATE = 01/25/08
 PLOT SIZE = 11x17
 USER NAME = JLS/RSR

