

FOR INDEX OF SHEETS, SEE SHEET NO. 2

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

D-91-283-01		CONTRACT NO: 62253	
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS
57		WILL	303
+ 6			309

DESIGN DESIGNATION

MANHATTAN-MONEE ROAD - 3434 (10) SRA 26.65 (PCC-20)
I-57 RAMP B (SB EXIT) - 821 (10) ARTERIAL 5.69 (PCC-20)
I-57 RAMP D (NB EXIT) - 310 (10) ARTERIAL 1.91 (PCC-20)

TRAFFIC DATA

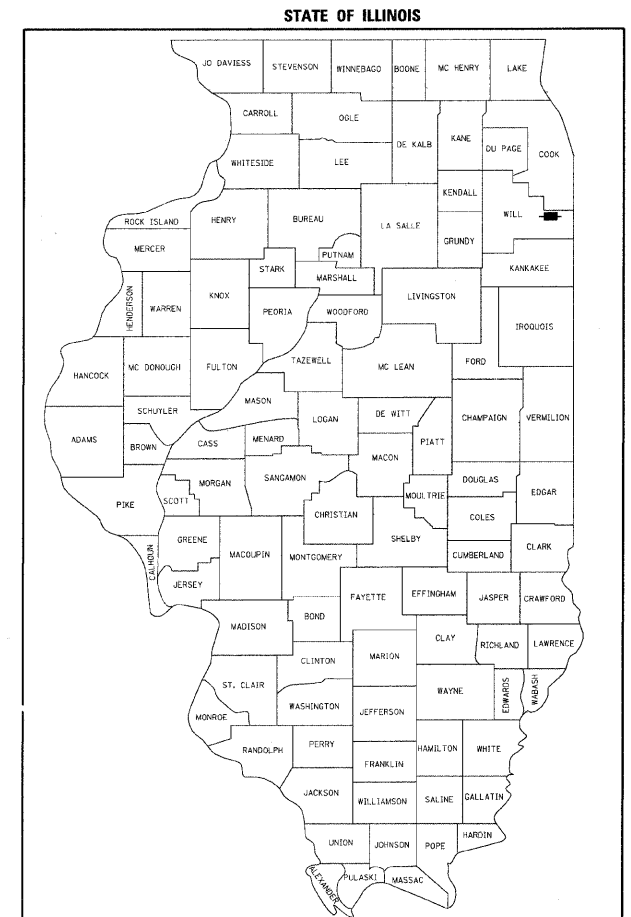
I-57 (FAI 57)
1997 ADT = 41,100 - 47,000
2010 ADT = 62,550 - 72,800

DESIGN SPEED = 70 MPH
POSTED SPEED = 65 MPH

MANHATTAN-MONEE ROAD
1997 ADT = 8,400 - 17,000
2010 ADT = 16,200 - 21,500

DESIGN SPEED = 40 MPH
POSTED SPEED = 35 MPH

PROPOSED HIGHWAY PLANS
MANHATTAN - MONEE ROAD OVER I-57 (FAI ROUTE I-57)
INTERCHANGE AND ROADWAY RECONSTRUCTION,
ADDITIONAL LANES, BRIDGE REPLACEMENT,
TRAFFIC SIGNALS, AND LIGHTING
SECTION 99(1&2) R-3&9-1HB-1-BR-2
PROJECT NO.: IM-057-7(276)335
WILL COUNTY
C-91-283-01



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED MARCH 19, 2008

Diana M. O'Keefe
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

June 27, 2008
Eric E. Haran
ENGINEER OF DESIGN AND ENVIRONMENT

June 27, 2008
Christina M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

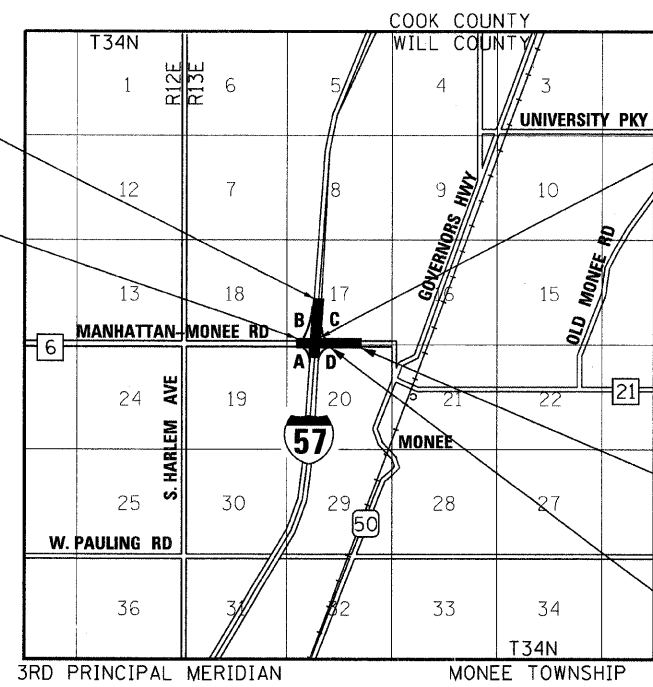
PROJECT DESCRIPTION

THE PROJECT CONSISTS OF THE RECONSTRUCTION OF MANHATTAN-MONEE ROAD AND PORTIONS OF THE ENTRANCE AND EXIT RAMP WITH I-57, WIDENING AND RESURFACING WORK FOR AN AUXILIARY LANE ALONG I-57 AT RAMP B, AND REMOVAL AND REPLACEMENT OF STRUCTURE (SN:099-D159) ON MANHATTAN-MONEE ROAD OVER I-57 AND A RETAINING WALL (SN:099-W022). ROADWAY CONSTRUCTION INCLUDES EARTHWORK, GUARDRAIL, EROSION CONTROL, LIGHTING, TRAFFIC SIGNALS, DRAINAGE AND OTHER APPURTENANT WORK.

PROJECT IS LOCATED IN THE VILLAGE OF MONEE

BEGIN PROJECT RAMP B STA. 200+00 = I-57 STA. 1385+00

BEGIN PROJECT MANHATTAN-MONEE ROAD STA. 14024+23.67



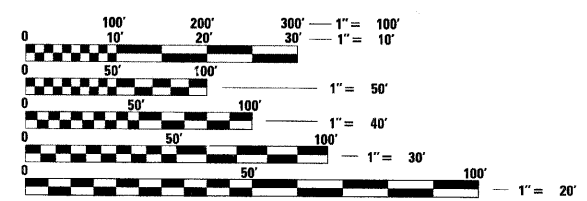
MANHATTAN-MONEE ROAD OVER I-57 STA. 14037+43.90 MANHATTAN-MONEE ROAD STA. 1348+92.58 I-57 STRUCTURE REPLACEMENT SN: 099-0159 (E) 099-4647 (P)

END PROJECT MANHATTAN-MONEE ROAD STA. 14050+81.74

RETAINING WALL SN: 099-W022

LOCATION MAP SCALE

GROSS LENGTH OF PROJECT = 6,419 FEET (1.216 MILES)
NET LENGTH OF PROJECT = 6,419 FEET (1.216 MILES)



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123

CONTRACT NO: 62253



P. K. Gandhi
SIGNATURE
DATE Feb. 28, 2008
11-30-2009
LICENSE EXPIRES
SIGNATURE AND SEAL APPLY TO SHEETS 106-129, 134-151



Thomas M. Walsh
SIGNATURE
DATE 3/4/2008
11-30-2008
LICENSE EXPIRES
SIGNATURE AND SEAL APPLY TO SHEETS 152-182



Eric E. Haran
SIGNATURE
DATE FEB. 29, 2008
11-30-2009
LICENSE EXPIRES
SIGNATURE AND SEAL APPLY TO SHEETS 1-76, 84-105, 200-303

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REGION 1/DISTRICT 1 - DESIGN/CONSULTANT PROJECT MANAGER, BRIAN H. KUTTAB 847-705-4431

DESIGN FIRM REGISTRATION NO. 184-000490
118 SOUTH CLINTON STREET CHICAGO, IL 60661
PHONE: 312.648.8900 FAX: 312.648.0204

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COMMITMENTS

- CONSTRUCTION EQUIPMENT IS NOT TO BE HOUSED OUTSIDE OF THE ROADWAY ON THE SOUTHBOUND I-57 EXIT RAMP ON THE NORTHWEST QUADRANT OF THE DIAMOND INTERCHANGE FROM THE BEGINNING OF THE EXISTING DEPARTURE CURVE (RAMP B STA. 224+80.78) TO THE CENTER OF THE EXISTING TRANSITION CURVE (RAMP B STA. 233+60.20). THIS IS EQUIVALENT TO STA. 1352+61.09 TO STA. 1360+18.16 ON I-57. THIS AREA OF THE RAMP WILL ONLY BE RESURFACED, WITH NO CONSTRUCTION WORK OUTSIDE OF THE EXISTING ROADWAY, TO ENSURE NO IMPACTS WILL OCCUR TO A NEARBY WETLAND THAT IS OUTSIDE OF IDOT RIGHT-OF-WAY. WETLAND BOUNDARIES ARE LOCATED OUTSIDE OF THE SCOPE OF WORK FOR THIS PROJECT.

LIST OF APPLICABLE HIGHWAY STANDARDS

STD NO.	TITLE
202001-01	EARTH MEDIAN DITCH CHECK
280001-04	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
420101-04	7.2 M (24') JOINTED PCC PAVEMENT
420106-04	10.8 M (36') JOINTED PCC PAVEMENT
420111-02	PCC PAVEMENT ROUNDOUTS
420701-02	PAVEMENT FABRIC
421101-07	7.2 M (24') CRC PAVEMENT
421106-07	10.8 M (36') CRC PAVEMENT
424001-05	CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
482001-02	HMA SHOULDER - ADJACENT TO FLEXIBLE PAVEMENT
482011-03	HMA SHOULDER STRIPS/SHOULDERS WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
483001-04	PCC SHOULDER
515001-02	NAME PLATE FOR BRIDGE
542301-01	PRECAST REINFORCED CONCRETE FLARED END SECTION
601001-02	SUB-SURFACE DRAINS
601101	CONCRETE HEADWALL FOR PIPE DRAIN
602001	CATCH BASIN, TYPE A
602011	CATCH BASIN, TYPE C
602301-01	INLET, TYPE A
602401-01	MANHOLE, TYPE A
602601-01	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-01	CAST IRON STEPS
604001-02	FRAME AND LIDS, TYPE 1
604006-03	FRAME AND GRATE, TYPE 3
604036-01	GRATE, TYPE B
604086-01	FRAME AND GRATE, TYPE 23
604091-01	FRAME AND GRATE, TYPE 24
606001-03	CONCRETE CURB AND COMBINATION CONCRETE CURB AND GUTTER
606301-03	PC CONCRETE ISLAND AND MEDIANS
606306-02	CORRUGATED PC CONCRETE MEDIANS
630001-07	STEEL PLATE BEAM GUARDRAIL
630301-04	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-04	TRAFFIC BARRIER TERMINAL TYPE 2
631026-04	TRAFFIC BARRIER TERMINAL TYPE 5 & 5A
631031-06	TRAFFIC BARRIER TERMINAL TYPE 6
635001	DELINEATORS
635006-02	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-01	REFLECTOR MARKER AND MOUNTING DETAILS
664001-01	CHAIN LINK FENCE
667101	PERMANENT SURVEY MARKERS
701001-01	OFF-ROAD OPERATION 2L, 2W, 4.5 M (15') MIN. AWAY
701006-02	OFF-ROAD OPERATION 2L, 2W, 4.5 M (15') TO PAVEMENT EDGE
701101-01	OFF-ROAD OPERATIONS, MULTILANE LESS THAN 4.5 M (15') TO PAVEMENT EDGE
701106-01	OFF-ROAD OPERATIONS, MULTILANE MORE THAN 4.5 M (15') AWAY
701201-02	LANE CLOSURE, 2L, 2W, DAY ONLY ON-ROAD TO 600 MM (24") OFF-ROAD FOR SPEEDS > 45 MPH
701206-01	LANE CLOSURE, 2L, 2W, NIGHT ONLY ON-ROAD TO 600 MM (24") OFF-ROAD FOR SPEEDS > 45 MPH
701301-02	LANE CLOSURE 2L, 2W SHORT TIME OPERATIONS
701306-01	LANE CLOSURE 2L, 2W SLOW MOVING OPERATIONS - DAY ONLY FOR SPEEDS > 45 MPH
701311-02	LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY
701326-02	LANE CLOSURE 2L, 2W PAVEMENT WIDENING FOR SPEEDS > 45 MPH
701400-02	APPROACH TO LANE CLOSURE FREEWAY/EXPRESSWAY
701401-04	LANE CLOSURE, FREEWAY/EXPRESSWAY
701402-06	LANE CLOSURE, FREEWAY/EXPRESSWAY, W/ BARRIER
701411-04	LANE CLOSURE MULTILANE AT ENTRANCE OR EXIT RAMP FOR SPEEDS > 45 MPH
701426-02	LANE CLOSURE MULTILANE INTERMITTENT OR MOVING OPERATION FOR SPEEDS > 45 MPH
701501-04	URBAN LANE CLOSURE 2L, 2W UNDIVIDED
701606-05	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-05	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701701	TRAFFIC CONTROL DEVICES
704001-04	TEMPORARY CONCRETE BARRIER
720001	SIGN PANEL MOUNTING DETAILS
720006-01	SIGN PANEL ERECTION DETAILS
720011	METAL POSTS (SIGNS, MARKERS AND DELINEATORS)
720016-01	MAST ARM MOUNTED STREET NAME
720021-01	SIGN PANELS, EXTRUDED ALUMINUM TYPE
729001	APPLICATION OF TYPE A AND B METAL POSTS
780001-01	TYPICAL PAVEMENT MARKINGS
781001-02	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
805001	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-01	CONCRETE HANDHOLES
814006-01	DOUBLE HANDHOLES
877001-03	STEEL MAST ARM ASSEMBLY AND POLE
878001-06	CONCRETE FOUNDATION DETAILS
880006	TRAFFIC SIGNAL MOUNTING DETAILS
886001	DETECTOR LOOP INSTALLATIONS
886006	TYPICAL LAYOUT FOR DETECTION LOOPS
000001-05	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
*991&2) R-3&3-116-1-BR-2		CONTRACT: 62253		

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-57 AT MANHATTAN - MONEE ROAD
 INDEX OF SHEETS, LIST OF APPLICABLE HIGHWAY STANDARDS, GENERAL NOTES, COMMITMENTS

SCALE: VERT. NTS
 HORIZ.
 DATE 9/19/2008

DRAWN BY KLM
 CHECKED BY TMW

Rev.

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p:\0223\1\0223\02231\02231.dgn
 8/1/2008

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	3
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
*990121 R-343-11B-1-BR-2	CONTRACT: 62253			

GENERAL NOTES

- 1. 10 FEET TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS AND GUTTERS AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.
- 2. THE LOCATION AND ELEVATION OF EXISTING UTILITIES ARE APPROXIMATE AND ARE PROVIDED BY THE OWNERS. THE EXACT LOCATIONS AND ELEVATIONS ARE TO BE VERIFIED BY THE CONTRACTOR THROUGH THE OWNER OF THE UTILITY OR JULIE. NO RESPONSIBILITY IS ACCEPTED FOR THE LOCATIONS AS SHOWN OR THAT ALL LINES ARE SHOWN.
- 3. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, WILL COUNTY, AND THE VILLAGE OF MONEE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING LOCAL AGENCIES WHO MAINTAIN SANITARY SEWERS, WATER MAINS, AND STREET LIGHTS TO VERIFY THE MATERIALS AND METHODS ALLOWED FOR THE ADJUSTMENT, RELOCATION, OR EXTENSION OF THE UTILITY INVOLVED.
- 4. ALL UTILITIES, SCHOOL DISTRICTS, LOCAL POLICE, AND FIRE DEPARTMENTS SHALL BE NOTIFIED BY THE CONTRACTOR 72 HOURS PRIOR TO THE START OF CONSTRUCTION.
- 5. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT PRIOR WRITTEN PERMISSION FROM THE DEPARTMENT.
- 6. WHEN ARTIFICIAL LIGHTING IS USED IN NIGHT OPERATIONS THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
- 7. ON STATE STANDARDS 482001 AND 483001 AGGREGATE SUBGRADE SHALL BE USED AS THE IMPROVED SUBGRADE. THE ADDITIONAL THICKNESS OF AGGREGATE SUBGRADE UNDER THE SHOULDER SHALL BE INCLUDED IN THE COST PER CUBIC YARD OF "AGGREGATE SUBGRADE".
- 8. ALL STORM SEWER CONNECTIONS WITH PIPES 27 INCHES DIAMETER AND SMALLER SHALL BE MADE WITH PRECAST "TEE" OR "WYE" PIPES. FOR PROPOSED STORM SEWER PIPES LARGER THAN 27 INCHES DIAMETER, OPENINGS OF THE SPECIFIED DIAMETER SHALL BE MADE IN THE PIPE AT THE TIME IT IS MANUFACTURED. PRECAST "TEE" AND "WYE" PIPE CONNECTIONS FOR PROPOSED STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST FOR THE STORM SEWERS.
- 9. USE #8 EPOXY-COATED TIE BARS CONFORMING TO ART. 1006.10(A)(2) OF THE STANDARD SPECIFICATIONS FOR LONGITUDINAL CONSTRUCTION JOINT GROUTED-IN-PLACE TIE BAR AS SHOWN ON STATE STANDARDS 420001 AND FOR TIEING PC CONCRETE WIDENING TO EXISTING CONCRETE PAVEMENT AS SHOWN ON THE PLANS. THE TIE BARS WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PAVEMENT ITEMS BEING CONSTRUCTED.
- 10. WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES WHERE THE SPEED LIMIT IS 45 MPH OR LESS AND 1 INCH WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH. WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H).
- 11. ALL ELEVATIONS REFER TO U.S.G.S. MEAN SEA LEVEL DATUM.
- 12. STORM SEWER WATER MAIN IS TO BE USED AT LOCATIONS WHERE LATERAL SEPARATION BETWEEN THE SEWER AND WATER MAIN IS LESS THAN 10 FEET AND THE WATER MAIN INVERT IS LESS THAN 18 INCHES ABOVE THE STORM SEWER CROWN.
- 13. STORM SEWER, RUBBER GASKET IS TO BE USED AT LOCATIONS WHERE THE WATER MAIN CROSSES BELOW THE SEWER, REGARDLESS OF VERTICAL SEPARATION OR WHERE THE BOTTOM OF THE WATER MAIN IS LESS THAN 18 INCHES ABOVE THE TOP OF THE SEWER.
- 14. BEFORE ORDERING STORM SEWERS, CATCH BASINS, PIPE CULVERTS, PIPE DRAINS, AND MANHOLES, THE CONTRACTOR SHALL CONTACT THE ENGINEER AS TO THE EXACT LENGTH AND QUANTITY REQUIRED.
- 15. THE BITUMINOUS MATERIAL PRIME COAT QUANTITIES ON PAVED BASES HAVE BEEN DETERMINED USING A RATE OF 0.10 GAL/SY.
- 16. ALL SOILS DATA COLLECTED AND PROCESSED FOR THE SOILS REPORT IN CONJUNCTION WITH THE DESIGN OF THIS IMPROVEMENT ARE ON FILE AT IDOT, WHERE THEY ARE AVAILABLE FOR THE INSPECTION OF CONTRACTORS OR PROSPECTIVE BIDDERS.
- 17. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THE PROJECT.
- 18. ALL STREET RETURNS HAVE RADII DESIGNATED AT THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED ON THE PLANS.
- 19. ACCESS TO ALL COMMERCIAL AND RESIDENTIAL PROPERTIES SHALL BE MAINTAINED AT ALL TIMES. INDIVIDUAL ACCESS POINTS MAY BE CLOSED, BUT NO PROPERTY SHALL BE DENIED ACCESS DURING CONSTRUCTION.

- 20. EXISTING STREET SIGNS SHALL BE REMOVED AND RESET AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER. EXISTING TRAFFIC CONTROL SIGNS THAT ARE REMOVED AND SALVAGED SHALL BECOME THE PROPERTY OF THE IDOT. THE CONTRACTOR SHALL NOTIFY THE ENGINEER WHEN ITEMS HAVE BEEN REMOVED FOR SALVAGE WHO IN TURN SHALL NOTIFY IDOT TO PICK UP SALVAGEABLE ITEMS.
- 21. TRANSVERSE JOINTS WITHIN AREAS OF PAVEMENT WIDENING, SHALL BE CONSTRUCTED IN PROLONGATION WITH EXISTING JOINTS.
- 22. ANY ROADWAYS OR DRIVEWAYS NOT CALLED OUT ON PLANS OR DIRECTED BY THE ENGINEER FOR RECONSTRUCTION SHALL NOT BE DAMAGED BY THE CONTRACTOR. IF DAMAGE OCCURS AS A RESULT OF CONTRACTOR OPERATION, THE CONTRACTOR SHALL RESTORE THESE FACILITIES TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
- 23. THE STATION/OFFSET/ELEVATIONS NOTED FOR ALL DRAINAGE STRUCTURES LOCATED IN THE CURB LINE REFERS TO THE EDGE OF PAVEMENT AT THE FRAME AND GRATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE OFFSET NECESSARY FOR THE STRUCTURES TO SET THE FRAME AND GRATES IN THE PROPER LOCATION. ALL OTHER STRUCTURES ARE DIMENSIONED TO THE CENTER OF THE STRUCTURE; ELEVATION INDICATES RIM GRADES.
- 24. RESTRICTED DEPTH MANHOLES AND RESTRICTED DEPTH CATCH BASINS, TYPE A WHERE THE DIFFERENCE BETWEEN THE RIM ELEVATION AND AN INVERT ELEVATION IS LESS THAN SIX (6) FEET, SHALL BE CONSTRUCTED WITH FLAT TOPS.
- 25. THE COST OF ALL DRAINAGE STRUCTURE ADJUSTMENTS OR RECONSTRUCTIONS SHALL INCLUDE THE REMOVAL AND REPLACEMENT OF ALL UNSUITABLE ADJUSTING RINGS.
- 26. EXISTING FIELD TILES ENCOUNTERED NOT SHOWN ON PLANS SHALL BE CAREFULLY PRESERVED AND CONNECTED TO PROPOSED DRAINAGE STRUCTURES, SEWERS, OR DITCHES, AS DIRECTED BY THE ENGINEER. THIS WORK WILL BE PAID FOR AT THE APPLICABLE CONTRACT UNIT PRICE OR IN ACCORDANCE WITH ARTICLE 109.04.
- 27. WHERE PROPOSED STORM SEWERS ARE TO BE CONNECTED INTO EXISTING MANHOLES OR EXISTING STORM SEWERS, THE CONNECTIONS SHALL BE MADE IN WORKABLE MANNER WITH MASONRY CONSTRUCTED AROUND THEM AS TO PREVENT LEAKAGE. THE COST OF MAKING STORM SEWER CONNECTIONS TO EXISTING OR PROPOSED SEWER OR DRAINAGE STRUCTURES SHALL BE CONSIDERED INCLUDED IN THE COST OF STORM SEWER BEING CONNECTED.
- 28. WATER SERVICE TO ADJACENT PROPERTIES SHALL BE MAINTAINED THROUGHOUT THE PROJECT. CONNECTIONS TO EXISTING WATER MAIN FOR FIRE HYDRANTS SHALL BE PRESSURE CONNECTIONS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER & SEWER CONSTRUCTION IN ILLINOIS, ALL WORK RELATED TO THIS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION.
- 29. ADJUSTMENT OF STRUCTURES MAINTAINED BY OTHER AGENCIES SHALL BE MADE TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY MAINTAINING THE SYSTEM OF THE STRUCTURE INVOLVED.
- 30. ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- 31. ALL SALVAGEABLE FRAMES AND GRATES WHICH ARE NOT INCORPORATED IN THE WORK SHALL BECOME THE PROPERTY OF WILL COUNTY. CONTRACTOR SHALL CONTACT WILL COUNTY HIGHWAY DEPARTMENT TO ARRANGE DELIVERY. COST TO BE INCLUDED IN THE COST OF THE APPROPRIATE PAY ITEMS.
- 32. THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK (LUST) CLEANUPS OR THAT IS PREQUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.
- 33. THE REMOVAL OF EXISTING ENTRANCE CULVERTS SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION. DISPOSAL SHALL BE IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.
- 34. EXISTING PAVEMENT THICKNESSES SHOWN ON THE PLANS ARE ESTIMATES OBTAINED FROM EXISTING PLANS AND PAVEMENT CORES AND MAY VARY FROM THE DIMENSIONS SHOWN. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ADDITIONAL MATERIAL AND/OR LABOR AND EQUIPMENT USED AS A RESULT OF MATCHING THE EXISTING PAVEMENT THICKNESSES.
- 35. THE EXISTING CABLE GUARDRAIL ON I-57 IS TO REMAIN IN PLACE DURING CONSTRUCTION. IF THE CONTRACTOR DEEMS IT NECESSARY TO REMOVE THE CABLE GUARDRAIL FOR CONVENIENCE, THE CONTRACTOR WILL REPLACE THE CABLE GUARDRAIL IN KIND AT THE CONTRACTOR'S EXPENSE.

HOT - MIX ASPHALT MIXTURE REQUIREMENTS

LOCATION	MIXTURE TYPE	AC TYPE	AIR VOIDS
PAVEMENT WIDENING AND RESURFACING MANHATTAN-MONEE EAST OF I-57	POLYMERIZED HOT - MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1.5"	SBS/SBR PG 76-22	4% @ 90 GYR.
	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	SBS/SBR PG 76-28/-22	4% @ 50 GYR.
FULL DEPTH PAVEMENT: HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 12 3/4"			
PAVEMENT WIDENING I-57 AUXILIARY LANE/RAMP B I-57 AUXILIARY LANE/RAMP B SHOULDER	POLYMERIZED HOT - MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2"	SBS/SBR PG 70-22	4% @ 90 GYR.
	POLYMERIZED HOT - MIX ASPHALT BINDER COURSE, IL-19.0, N90, 10.75"	SBS/SBR PG 70-22	4% @ 90 GYR.
RAMP B RESURFACING	POLYMERIZED HOT - MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1.5"	SBS/SBR PG 70-22	4% @ 90 GYR.
	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	SBS/SBR PG 76-28/-22	4% @ 50 GYR.
MANHATTAN-MONEE SHOULDERS AND PATH	HOT - MIX ASPHALT SHOULDERS, 8"	PG 64-22*	2% @ 30 GYR.
	HOT - MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5 mm), 2"	PG 64-22	4% @ 50 GYR.
DRIVEWAY PAVEMENT REPLACEMENT	HOT - MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5 mm), 2"	PG 64-22	4% @ 50 GYR.
	HOT - MIX ASPHALT BASE COURSE (HMA BINDER IL-19 mm), C.E. - 8"	PG 64-22*	4% @ 50 GYR.
RAMP PAVEMENT RECONSTRUCTION AND APPROACH PAVEMENT TRANSITION (SUB-BASE)	STABILIZED SUB-BASE - HOT - MIX ASPHALT, 4 1/2"	PG 64-22*	2% @ 30 GYR.
	HOT - MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1.5"	PG 64-22	4% @ 70 GYR.
TEMPORARY PAVEMENT	HOT - MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1.5"	PG 64-22	4% @ 70 GYR.
	HOT - MIX ASPHALT BASE COURSE (HMA BINDER IL-19 mm), 4.5"	PG 64-22*	4% @ 50 GYR.


NOTES: THE UNIT WEIGHT USED TO CALCULATE ALL HOT - MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SO YD/IN
 * WHEN RAP EXCEEDS 20% THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-57 AT MANHATTAN - MONEE ROAD
 INDEX OF SHEETS, LIST OF APPLICABLE
 HIGHWAY STANDARDS, GENERAL NOTES,
 COMMITMENTS

SCALE: VERT. NTS
 HORIZ.
 DATE 9/19/2008

DRAWN BY KN
 CHECKED BY TAW



DESIGN FIRM REGISTRATION
 No. 184-000450
 118 SOUTH CLINTON STREET
 SUITE 800
 CHICAGO, IL 60661
 PHONE : 312.648.9900
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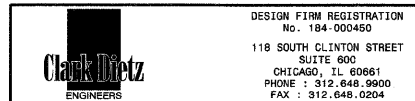
SUMMARY OF QUANTITIES

URBAN

CODE NO.	ITEMS	UNIT	TOTAL QUANTITY	90% FEDERAL - 10% STATE				
				1000-2A	J000-2A	Y031-1F	X271-2A	Y007
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	530		530			
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	30		30			
20200100	EARTH EXCAVATION	CU YD	14,467		14,467			
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	365		365			
20400800	FURNISHED EXCAVATION	CU YD	13,391		13,391			
20700220	POROUS GRANULAR EMBANKMENT	CU YD	96					96
20700400	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	308				308	
20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	365		365			
20800150	TRENCH BACKFILL	CU YD	700		700			
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	1839		1839			
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	5530	5530				
21101815	COMPOST FURNISH AND PLACE, 4"	SQ YD	6391	6391				
21400100	GRADING AND SHAPING DITCHES	FOOT	40		40			
* 25000210	SEEDING, CLASS 2A	ACRE	1.5	1.5				
* 25000300	SEEDING, CLASS 3	ACRE	1.75	1.75				
* 25000310	SEEDING, CLASS 4	ACRE	1	1				
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	342	342				
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	342	342				
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	342	342				
* 25100630	EROSION CONTROL BLANKET	SQ YD	18400	18400				
* 25200110	SODDING, SALT TOLERANT	SQ YD	2638	2638				
* 25200200	SUPPLEMENTAL WATERING	UNIT	70	70				
28000200	EARTH EXCAVATION FOR EROSION CONTROL	CU YD	1209		1209			
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	483		483			
28000300	TEMPORARY DITCH CHECKS	EACH	31		31			
28000500	INLET AND PIPE PROTECTION	EACH	48		48			
28000510	INLET FILTERS	EACH	48		48			
28000720	MULCH, METHOD 2	ACRE	1		1			
28100101	STONE RIPRAP, CLASS A1	SQ YD	63		63			
28200200	FILTER FABRIC	SQ YD	120		120			
31101200	SUB-BASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	517	517				
X0326142	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2"	SQ YD	4159		4159			
35300700	PORTLAND CEMENT CONCRETE BASE COURSE 12"	SQ YD	305	305				
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	623	623				
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	1080	1080				
40600300	AGGREGATE (PRIME COAT)	TON	22	22				
40600895	CONSTRUCTING TEST STRIP	EACH	3	3				
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	213	213				
40603240	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	3966	3966				
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	71	71				

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	4
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
9901821 R-389-1B-1-BR-2		CONTRACT: 62253		

- SPECIALTY ITEM
- 50% OF THE AS-BUILT QUANTITY WILL BE CHARGED TO AQUA ILLINOIS (PRIVATE UTILITY BENEFIT). FUND CODE: Y060 (50% AQUA / 50% STATE)
- † NON-PARTICIPATING ITEM
- †† NON-PARTICIPATING FOR RETROREFLECTIVE SIGN SHEETING ONLY - 100% STATE
- ‡ NON-PARTICIPATING ITEM - 100% MONEE FIRE PROTECTION DISTRICT. FUND CODE: Y031-3D



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-57 AT MANHATTAN - MONEE ROAD
 SUMMARY OF QUANTITIES
 1 OF 9

SCALE: VERT. NTS
 HORIZ. NTS
 DATE 8/1/2008

DRAWN BY KLM
 CHECKED BY TMW

07/23/08 09:01
 6/10/2008

Rev

SUMMARY OF QUANTITIES

UABAH

CODE NO.	ITEMS	UNIT	TOTAL QUANTITY	90% FEDERAL - 10% STATE				
				1000-2A	J000-2A	Y031-1F	X271-2A	Y007
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	217	217				
40603595	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	TON	354	354				
42000521	PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)	SO YD	14,340		14,340			
42001300	PROTECTIVE COAT	SO YD	18,100	18,100				
42001400	BRIDGE APPROACH PAVEMENT (SPECIAL)	SO YD	470			470		
42100320	CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 11"	SO YD	1401	1401				
42100920	PAVEMENT REINFORCEMENT 11"	SO YD	1401	1401				
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SO YD	95		95			
44000100	PAVEMENT REMOVAL	SO YD	17,948		17,948			
44000153	HOT-MIX ASPHALT SURFACE REMOVAL, 1"	SO YD	2362	2362				
44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SO YD	1641	1641				
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	1168		1168			
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1685	855	830			
44004000	PAVED DITCH REMOVAL	FOOT	357		357			
44004250	PAVED SHOULDER REMOVAL	SO YD	5022		5022			
44201325	CLASS C PATCHES, TYPE I, 8 INCH	SO YD	15	15				
44201329	CLASS C PATCHES, TYPE II, 8 INCH	SO YD	10	10				
44201333	CLASS C PATCHES, TYPE III, 8 INCH	SO YD	15	15				
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SO YD	1149	1149				
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SO YD	1168	1168				
48300600	PORTLAND CEMENT CONCRETE SHOULDERS 11"	SO YD	1275		1275			
48301000	PROTECTIVE COAT	SO YD	1275		1275			
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1			1		
50104400	CONCRETE HEADWALL REMOVAL	EACH	7		7			
50104600	CONCRETE RETAINING WALL REMOVAL	FOOT	83				83	
50157300	PROTECTIVE SHIELD	SO YD	510			510		
50200100	STRUCTURE EXCAVATION	CU YD	188			153	35	
50300100	FLOOR DRAINS	EACH	12			12		
50300225	CONCRETE STRUCTURES	CU YD	249.1			216.3	32.8	
50300255	CONCRETE SUPERSTRUCTURE	CU YD	609.6			609.6		
50300260	BRIDGE DECK GROOVING	SO YD	1559			1559		
50300280	CONCRETE ENCASEMENT	CU YD	8.0			8.0		
50300300	PROTECTIVE COAT	SO YD	2286			2130	156	
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1			1		
50500505	STUD SHEAR CONNECTORS	EACH	7008			6864	144	
50700209	UNTREATED TIMBER LAGGING	SO FT	511				511	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	170,340			165,760	4580	
50800515	BAR SPLICERS	EACH	2049			2049		
50900105	ALUMINUM RAILING, TYPE L	FOOT	203			203		

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57		WILL	303	5
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
*991821 R-389-1B-1-BR-2	CONTRACT: 62253			

- SPECIALTY ITEM
- 50% OF THE AS-BUILT QUANTITY WILL BE CHARGED TO AQUA ILLINOIS (PRIVATE UTILITY BENEFIT). FUND CODE: Y060 (50% AQUA/50% STATE)
- + NON-PARTICIPATING ITEM
- ++ NON-PARTICIPATING FOR RETROREFLECTIVE SIGN SHEETING ONLY - 100% STATE
- * NON-PARTICIPATING ITEM - 100% MONEE FIRE PROTECTION DISTRICT. FUND CODE: Y031-3D

Clark Metz
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-57 AT MANHATTAN - MONEE ROAD
SUMMARY OF QUANTITIES
2 OF 9

SCALE: VERT. NTS
HORIZ. NTS
DATE 8/1/2008

DRAWN BY KLM
CHECKED BY TMW

02231 0002
6/10/2008

SUMMARY OF QUANTITIES

URBAN

CODE NO.	ITEMS	UNIT	TOTAL QUANTITY	90% FEDERAL - 10% STATE				
				I000-2A	J000-2A	Y031-1F	X271-2A	Y007
51100100	SLOPE WALL 4 INCH	SQ YD	797				797	
51201400	FURNISHING STEEL PILES HP10X42	FOOT	4823				4823	
51202305	DRIVING PILES	FOOT	4823				4823	
51203400	TEST PILE STEEL HP10X42	EACH	3				3	
51205200	TEMPORARY SHEET PILING	SO FT	211				211	
51500100	NAME PLATES	EACH	2				1	1
52100520	ANCHOR BOLTS, 1"	EACH	44				44	
52100540	ANCHOR BOLTS, 1/2"	EACH	22				22	
54213465	END SECTIONS 30"	EACH	2		2			
54213471	END SECTIONS 36"	EACH	2		2			
54213477	END SECTIONS 42"	EACH	2		2			
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	8		8			
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	3		3			
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	3		3			
54248510	CONCRETE COLLAR	CU YD	1		1			
55039700	STORM SEWERS TO BE CLEANED	FOOT	553		553			
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	677		677			
550A0060	STORM SEWERS, CLASS A, TYPE 1 14"	FOOT	13		13			
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	20		20			
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	450		450			
550A0180	STORM SEWERS, CLASS A, TYPE 1 42"	FOOT	12		12			
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	846		846			
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	59		59			
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	184		184			
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	80		80			
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	78		78			
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	29		29			
550A0470	STORM SEWERS, CLASS A, TYPE 2 42"	FOOT	38		38			
550A0640	STORM SEWERS, CLASS A, TYPE 3 12"	FOOT	70		70			
55100500	STORM SEWER REMOVAL 12"	FOOT	320		320			
55100700	STORM SEWER REMOVAL 15"	FOOT	90		90			
55100900	STORM SEWER REMOVAL 18"	FOOT	470		470			
55101200	STORM SEWER REMOVAL 24"	FOOT	70		70			
55101400	STORM SEWER REMOVAL 30"	FOOT	240		240			
55101800	STORM SEWER REMOVAL 42"	FOOT	15		15			
552A1100	STORM SEWERS JACKED IN PLACE, CLASS A 30"	FOOT	165		165			
56400100	FIRE HYDRANTS TO BE MOVED	EACH	1		1			
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	205				157	48
60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	20		20			

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57		WILL	303	6
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
9901827 R-389-1HB-1-BR-2	CONTRACT: 62253			

- SPECIALTY ITEM
- 50% OF THE AS-BUILT QUANTITY WILL BE CHARGED TO AQUA ILLINOIS (PRIVATE UTILITY BENEFIT). FUND CODE: Y060 (50% AQUA / 50% STATE)
- † NON-PARTICIPATING ITEM
- †† NON-PARTICIPATING FOR RETROREFLECTIVE SIGN SHEETING ONLY - 100% STATE
- ‡ NON-PARTICIPATING ITEM - 100% MONEE FIRE PROTECTION DISTRICT. FUND CODE: Y031-3D

Clark Dietz
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-57 AT MANHATTAN - MONEE ROAD
SUMMARY OF QUANTITIES
3 OF 9

SCALE: VERT. NTS
HORIZ. NTS
DATE 8/1/2008

DRAWN BY KLM
CHECKED BY TMW

02231 0803.
6/10/2008

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	7
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
*991827 R-389-1HB-1-BR-2		CONTRACT: 62253		

SUMMARY OF QUANTITIES

URBAN

CODE NO.	ITEMS	UNIT	TOTAL QUANTITY	90% FEDERAL - 10% STATE				
				I000-2A	J000-2A	Y031-1F	X271-2A	Y007
60100955	PIPE DRAINS 15"	FOOT	10		10			
60107600	PIPE UNDERDRAINS 4"	FOOT	3064		3064			
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	111		111			
60109580	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	292				206	86
60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	2		2			
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	7		7			
60201330	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE	EACH	10		10			
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	9		9			
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4		4			
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1		1			
60237460	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	EACH	6		6			
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	5		5			
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	1		1			
60260100	INLETS TO BE ADJUSTED	EACH	1		1			
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	3		3			
60266600	VALVE BOXES TO BE ADJUSTED	EACH	6		6			
60500040	REMOVING MANHOLES	EACH	3		3			
60500050	REMOVING CATCH BASINS	EACH	4		4			
60500060	REMOVING INLETS	EACH	7		7			
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	1682	392	1290			
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	1827		1827			
60605900	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.12	FOOT	1757		1757			
60608300	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12	FOOT	222		222			
60618320	CONCRETE MEDIAN SURFACE, 6 INCH	SQ FT	10330		10330			
60624600	CORRUGATED MEDIAN	SQ FT	544		544			
61133200	FIELD TILE JUNCTION VAULTS, 3' DIA.	EACH	1		1			
* 63000000	STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	2825	2825				
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	4	4				
* 63100070	TRAFFIC BARRIER TERMINAL, TYPE 5	EACH	2	2				
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	3	3				
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	7	7				
63200310	GUARDRAIL REMOVAL	FOOT	2812.5	2812.5				
63500105	DELINEATORS	EACH	26	26				
66500105	WOVEN WIRE FENCE, 4'	FOOT	100	100				
66502300	WOVEN WIRE FENCE REMOVAL	FOOT	100	100				
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	300	300				
* 66900450	SPECIAL WASTE PLANS AND REPORT	L SUM	1	1				
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	2	2				
67000600	ENGINEER'S FIELD LABORATORY	CAL MO	18	18				

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- + NON-PARTICIPATING ITEM
- ++ NON-PARTICIPATING FOR RETROREFLECTIVE SIGN SHEETING ONLY - 100% STATE
- * NON-PARTICIPATING ITEM - 100% MONEE FIRE PROTECTION DISTRICT. FUND CODE: Y031-3D

Clark Dietz
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-57 AT MANHATTAN - MONEE ROAD

SUMMARY OF QUANTITIES

4 OF 9

SCALE: VERT. NTS
HORIZ. NTS
DATE 8/1/2008

DRAWN BY KLM
CHECKED BY TMW

02231 0004
6/10/2008

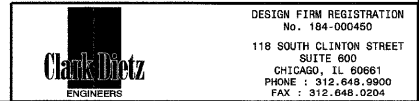
Rev.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	WILL	303	8
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
*990182) R-389-1B-1-BR-2		CONTRACT: 62253		

SUMMARY OF QUANTITIES
URBAN

CODE NO.	ITEMS	UNIT	TOTAL QUANTITY	90% FEDERAL - 10% STATE				
				I000-2A	J000-2A	Y031-1F	X271-2A	Y007
67100100	MOBILIZATION	L SUM	1	1				
70101800	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1				
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	16		16			
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	20189	20189				
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	582	582				
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	116094	116094				
70300230	TEMPORARY PAVEMENT MARKING - LINE 5"	FOOT	1480	1480				
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	2250	2250				
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	1186	1186				
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	20843	20843				
70400100	TEMPORARY CONCRETE BARRIER	FOOT	6400		6400			
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	2274		2274			
* 72000100	SIGN PANEL - TYPE 1	SO FT	129	129				
* 72000200	SIGN PANEL - TYPE 2	SO FT	30	30				
++ 72000300	SIGN PANEL - TYPE 3	SO FT	152	152				
* 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	2	2				
* 72400310	REMOVE SIGN PANEL - TYPE 1	SO FT	108	108				
* 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	9	9				
* 72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	5	5				
* 72400710	RELOCATE SIGN PANEL - TYPE 1	SO FT	15	15				
* 72400720	RELOCATE SIGN PANEL - TYPE 2	SO FT	72	72				
* 72400730	RELOCATE SIGN PANEL - TYPE 3	SO FT	146	146				
* 72900100	METAL POST - TYPE A	FOOT	112	112				
* 72900200	METAL POST - TYPE B	FOOT	187	187				
* 73302110	OVERHEAD SIGN STRUCTURE - CANTILEVER, TYPE I-C-A (24" X 4'-6")	FOOT	25	25				
* 73302170	OVERHEAD SIGN STRUCTURE - CANTILEVER, TYPE II-C-A (36" X 5'-6")	FOOT	50	50				
* 73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	30	30				
* 73700100	REMOVE GROUND-MOUNTED SIGN SUPPORT	EACH	56	56				
* 73700200	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	18	18				
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	36	36				
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	14,442	14,442				
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	111	111				
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	1805	1805				
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	403	403				
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	21	21				
* 78006110	PREFORMED THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	188	188				
* 78006120	PREFORMED THERMOPLASTIC PAVEMENT MARKING - LINE 5"	FOOT	1480	1480				
* 78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SO FT	437	437				
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	5029	5029				

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- + NON-PARTICIPATING ITEM
- ++ NON-PARTICIPATING FOR RETROREFLECTIVE SIGN SHEETING ONLY - 100% STATE
- * NON-PARTICIPATING ITEM - 100% MONEE FIRE PROTECTION DISTRICT. FUND CODE: Y031-3D



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-57 AT MANHATTAN - MONEE ROAD
SUMMARY OF QUANTITIES
5 OF 9

SCALE: VERT. NTS
HORIZ. NTS
DATE 8/1/2008

DRAWN BY KLM
CHECKED BY TMW

02231 0005 6/10/2008

Rev.

SUMMARY OF QUANTITIES

URBAN

CODE NO.	ITEMS	UNIT	TOTAL QUANTITY	90% FEDERAL - 10% STATE				
				I000-2A	J000-2A	Y031-1F	X271-2A	Y007
78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	2261	2261				
78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	FOOT	182	182				
78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	454	454				
78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	191	191				
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	322	322				
78100105	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	8	8				
78200410	GUARDRAIL MARKERS, TYPE A	EACH	39	39				
78200500	BARRIER WALL MARKERS	EACH	6	6				
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	7	7				
80400100	ELECTRIC SERVICE INSTALLATION	EACH	1		1			
80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1		1			
81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	2829		2829			
81000700	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	292		292			
81000800	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	56		56			
81001000	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	66		66			
81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	315		315			
81018700	CONDUIT PUSHED, 3" DIA., GALVANIZED STEEL	FOOT	1133		1133			
81018900	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	578		578			
81200230	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	660		660			
81300550	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 12" X 6"	EACH	2		2			
81304600	JUNCTION BOX EMBEDDED IN STRUCTURE 18" X 12" X 6"	EACH	4		4			
81400100	HANDHOLE	EACH	18		18			
81400200	HEAVY-DUTY HANDHOLE	EACH	2		2			
81400300	DOUBLE HANDHOLE	EACH	2		2			
81701385	ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE USE) 3-1/C 350MCM	FOOT	110		110			
81800320	AERIAL CABLE, 3-1/C NO. 4 WITH MESSENGER WIRE	FOOT	240		240			
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	19528		19528			
82102310	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 310 WATT	EACH	91		91			
82102400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	4		4			
83050810	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 15 FT. MAST ARM	EACH	86		86			
83057355	LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15FT MAST ARM	EACH	4		4			
83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	830		830			
83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	84		84			
84200500	REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE	EACH	4		4			
84200700	LIGHTING FOUNDATION REMOVAL	EACH	4		4			
84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	1		1			
85000400	MAINTENANCE OF TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1		1			
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1		1			
85700300	FULL-ACTUATED CONTROLLER AND TYPE V CABINET	EACH	1		1			

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57		WILL	303	9
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
990182) R-369-1B-2	CONTRACT: 62253			

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DESIGN FIRM REGISTRATION No. 184-000450
Clark Dietz ENGINEERS
 118 SOUTH CLINTON STREET SUITE 800
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-57 AT MANHATTAN - MONEE ROAD
 SUMMARY OF QUANTITIES
 6 OF 9
 SCALE: VERT. NTS
 HORIZ. NTS
 DATE 8/1/2008
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 CHECKED BY TMW

02231 0006
 6/10/2008

Rev.

SUMMARY OF QUANTITIES

URBAN

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57		WILL	303	10
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
990127 R-369-1B-1-BR-2		CONTRACT: 62253		

CODE NO.	ITEMS	UNIT	TOTAL QUANTITY	90% FEDERAL - 10% STATE				
				I000-2A	J000-2A	Y031-1F	X271-2A	Y007
* 86000100	MASTER CONTROLLER	EACH	1			1		
* 86400100	TRANSCEIVER - FIBER OPTIC	EACH	2			2		
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1435			1435		
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	4396			4396		
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	560			560		
* 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	4532			4532		
* 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	567			567		
* 87302225	ELECTRIC CABLE AERIAL SUSPENDED, SIGNAL, NO. 14 3C	FOOT	215			215		
* 87302245	ELECTRIC CABLE AERIAL SUSPENDED, SIGNAL, NO. 14 5C	FOOT	188			188		
* 87302505	ELECTRIC CABLE AERIAL SUSPENDED, SERVICE, NO. 6 2 C	FOOT	170			170		
* 87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	6			6		
* 87700160	STEEL MAST ARM ASSEMBLY AND POLE, 24 FT.	EACH	1			1		
* 87702870	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 28 FT.	EACH	1			1		
* 87702920	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 38 FT.	EACH	1			1		
* 87702930	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 40 FT.	EACH	2			2		
* 87702950	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	1			1		
* 87702960	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 46 FT.	EACH	1			1		
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	32			32		
* 87800150	CONCRETE FOUNDATION, TYPE C	FOOT	8			8		
* 87800200	CONCRETE FOUNDATION, TYPE D	FOOT	4			4		
* 87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	10			10		
* 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	75			75		
* 88000180	SIGNAL HEAD, 1-FACE, 3-SECTION, SPAN WIRE MOUNTED	EACH	2			2		
* 88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	10			10		
* 88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	6			6		
* 88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	2			2		
* 88030210	SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2			2		
* 88030330	SIGNAL HEAD, LED, 3-FACE, 2-3 SECTION, 1-5 SECTION BRACKET MOUNTED	EACH	2			2		
* 88200100	TRAFFIC SIGNAL BACKPLATE	EACH	12			12		
* 88500100	INDUCTIVE LOOP DETECTOR	EACH	15			15		
* 88700200	LIGHT DETECTOR	EACH	3			3		
* 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1			1		
* 89501400	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	4			4		
* 89501410	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	2			2		
* 89502200	MODIFY EXISTING CONTROLLER	EACH	1			1		
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2			2		
* A2002916	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2" CALIPER, BALLED AND BURLAPPED	EACH	20	20				
* A2004620	TREE, GLEDITSIA TRIACANTHOS INERMIS (THORNLESS COMMON HONEYLOCUST), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	20	20				

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 ENGINEERS
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-57 AT MANHATTAN - MONEE ROAD
 SUMMARY OF QUANTITIES
 7 OF 9
 SCALE: VERT. NTS
 HORIZ. NTS
 DATE 8/1/2008
 DRAWN BY KLM
 CHECKED BY TMW

Rev.

02231 0007.
 02231 6/10/2008

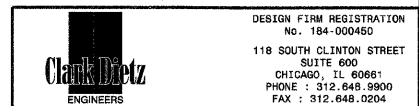
SUMMARY OF QUANTITIES

URBAN

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	WILL	303	11
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
991A21 R-3A9-1B-1-BR-2		CONTRACT: 62253		

CODE NO.	ITEMS	UNIT	TOTAL QUANTITY	90% FEDERAL - 10% STATE				
				I000-2A	J000-2A	Y031-1F	X271-2A	Y007
* A2005020	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	20	20				
* A2006814	TREE, QUERCUS MUEHLENBERGII (CHINKAPIN OAK), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	20	20				
* A2007114	TREE, QUERCUS RUBRA (RED OAK), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	20	20				
* A2C010G3	TREE, ASIMINA TRILOBA (PAW PAW), CONTAINER GROWN, 3-GALLON	EACH	10	10				
* B2001164	TREE, CERCIS CANADENSIS (EASTERN REDBUD) 5' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	50	50				
* B2002216	TREE, CRATAEGUS VIRDIS WINTER KING (WINTER KING GREEN HAWTHORN), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	50	50				
* C2C02024	SHRUB, CORYLUS AMERICANA (AMERICAN FILBERT), 2' HEIGHT, CONTAINER	EACH	100	100				
* C2C11736	SHRUB, VIBURNUM DENTATUM (ARROWWOOD VIBURNUM), 3' HEIGHT, CONTAINER	EACH	100	100				
* E20200G1	VINE-PARTHENOCISSUS QUINQUEFOLIA (VIRGINIA CREEPER), 1-GALLON POT	EACH	100	100				
* K0036120	MULCH PLACEMENT 4"	SQ YD	3952	3952				
* XX006937	GROUND ROD, 5/8" DIA. X 10 FT.	EACH	85			85		
X0325734	SLOTTED DRAIN REMOVAL	FOOT	36		36			
X0325864	BRIDGE APPROACH PAVEMENT REMOVAL	SQ YD	277		277			
** X0322033	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	12		12			
** X0322034	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	56		56			
** X0322035	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	90		90			
X0322050	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL	EACH	100	100				
X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	616	616				
X0322323	WEED CONTROL, TEASEL	GALLON	1	1				
X0322859	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	36	36				
* X0322925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	1143			1143		
* X0323574	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	14			14		
* X0323670	PREFORMED DETECTOR LOOP	FOOT	1136			1136		
X0323973	SEDIMENT CONTROL, SILT FENCE	FOOT	6413			6413		
X0323974	SEDIMENT CONTROL, SILT FENCE MAINTENANCE	FOOT	12,826			12,826		
* X0324007	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1			1		
* X0324387	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	91			91		
* X0324455	DRILLING AND SETTING SOLDIER PILES (IN SOIL)	CU FT	644					644
* X0325047	ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE-RHW) 3-1/C NO. 2 AND 1/C NO. 4 GROUND	FOOT	470			470		
X0712400	TEMPORARY PAVEMENT	SQ YD	4312	4312				
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	2	2				
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	5	5				
X4023000	TEMPORARY ACCESS (ROAD)	EACH	3	3				
X4024000	TEMPORARY ACCESS (FIELD ENTRANCE)	EACH	1	1				
X4067107	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	435	435				
* X5120902	FURNISHING SOLDIER PILES HP 14X73	FOOT	247					247
X6063401	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12	FOOT	1159		1159			

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REVISIONS	
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ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-57 AT MANHATTAN - MONEE ROAD
 SUMMARY OF QUANTITIES
 8 OF 9

SCALE: VERT. NTS
 HORIZ. NTS
 DATE 8/1/2008

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 CHECKED BY TMW

02231 0288.
 6/18/2008

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	11A
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
*9901&2	R-3&9-1B-1-BR-2	CONTRACT: 62253		

SUMMARY OF QUANTITIES

URBAN

CODE NO.	ITEMS	UNIT	TOTAL QUANTITY	90% FEDERAL - 10% STATE				
				I000-2A	J000-2A	Y031-1F	X271-2A	Y007
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	18	18				
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1			1		
X7013820	TRAFFIC CONTROL SURVEILLANCE, EXPRESSWAYS	CAL DA	170			170		
X7330105	OVERHEAD SIGN STRUCTURE WALKWAY, TYPE A	FOOT	71	71				
X8011000	TELEPHONE SERVICE INSTALLATION	EACH	1			1		
X8050015	SERVICE INSTALLATION - POLE MOUNTED	EACH	3			3		
X8160395	UNIT DUCT, WITH 3-1/C NO. 2 AND 1/C NO. 4 GROUND, 600V (EPR-TYPE RHW), 1/2" DIA., POLYETHYLENE	FOOT	21247			21247		
X8250085	LIGHTING CONTROLLER, DUPLEX CONSOLE TYPE	EACH	1			1		
X8410113	REMOVE TEMPORARY LIGHTING UNITS AND SALVAGE	EACH	4			4		
X8450100	REMOVE EXISTING LIGHTING CONTROLLER AND SALVAGE	EACH	1			1		
X8620020	UNINTERRUPTABLE POWER SUPPLY	EACH	2			2		
X8710020	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	1169			1169		
X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	2532			2532		
X8730250	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	1435			1435		
X8730350	ELECTRIC CABLE AERIAL SUSPENDED NO. 20 3/C, TWISTED, SHIELDED	FOOT	215			215		
X8950077	REMOVE AND RELOCATE EXISTING LIGHTING CONTROLLER	EACH	1			1		
XX005656	INLET FILTER CLEANING	EACH	96		96			
XZ191300	AGGREGATE SUBGRADE	CU YD	8237			8237		
Z0013798	CONSTRUCTION LAYOUT	L SUM	1			1		
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	1		1			
Z0030150	IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL 3	EACH	12	12				
Z0030350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	4	4				
Z0050900	REMOVE CONCRETE FOUNDATION	EACH	1		1			
Z0064800	SELECTIVE CLEARING	UNIT	36		36			
Z0065740	SLOTTED DRAIN 12" WITH VARIABLE SLOT	FOOT	46		46			
Z0076600	TRAINEES	HOUR	4000	4000				
40701936	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 12 3/4"	SQ YD	6587	6587				
40702700	FURNISH PROFILEGRAPH	L SUM	1	1				
40901000	BACKFILL PLUGS	CU YD	25		25			
87502520	TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH	2			2		
X0325737	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1			1		

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- ⊙ Y080

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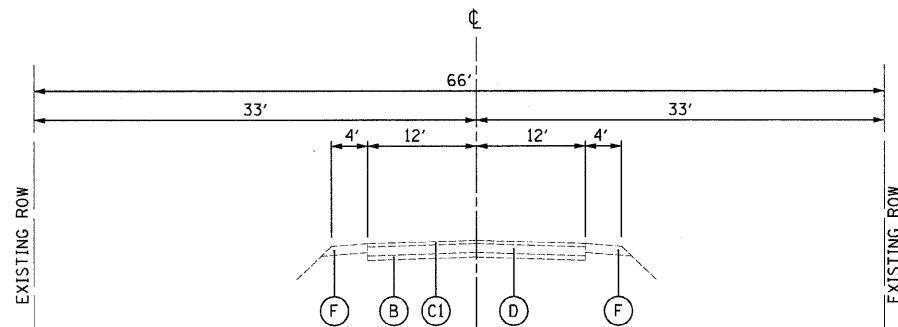
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-57 AT MANHATTAN - MONEE ROAD
SUMMARY OF QUANTITIES
9 OF 9
SCALE: VERT. NTS
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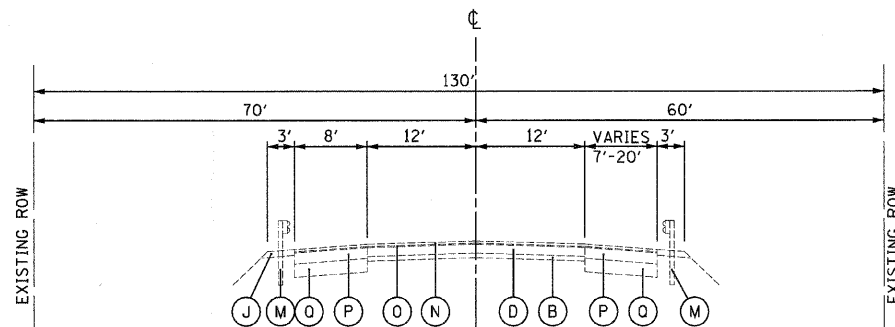
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02231
6/10/2008

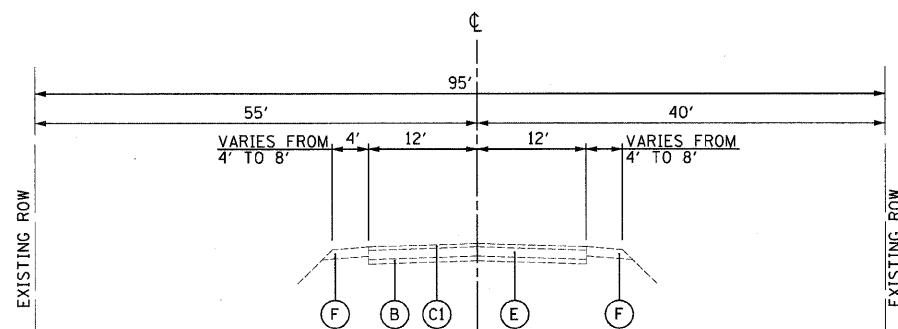
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57		WILL	303	12
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT No. 62253	*991&2) R-389-118-1-BR-2			



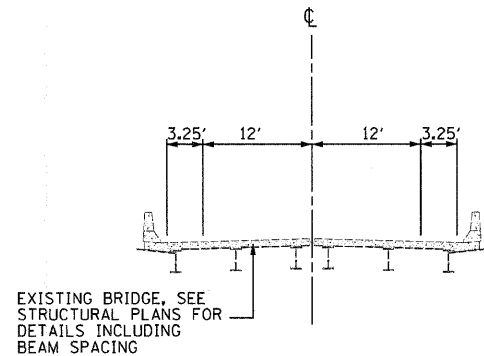
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TYPICAL SECTION
MANHATTAN-MONEE ROAD
① STA. 14017+50 TO STA. 14024+25



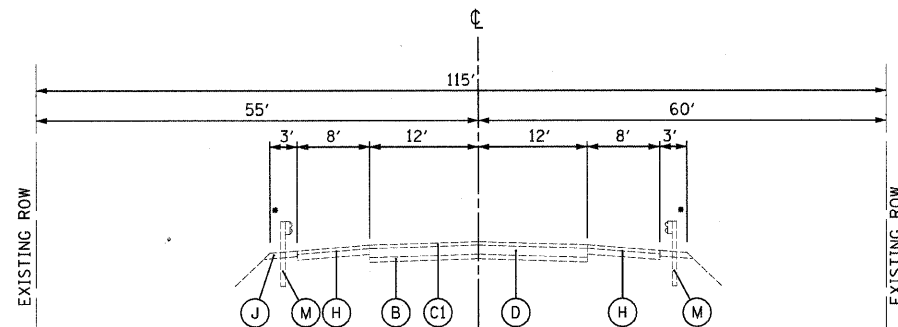
EXISTING
TYPICAL SECTION
MANHATTAN-MONEE ROAD
④ STA. 14030+00 TO STA. 14036+39



EXISTING
TYPICAL SECTION
MANHATTAN-MONEE ROAD
② STA. 14024+25 TO STA. 14027+15

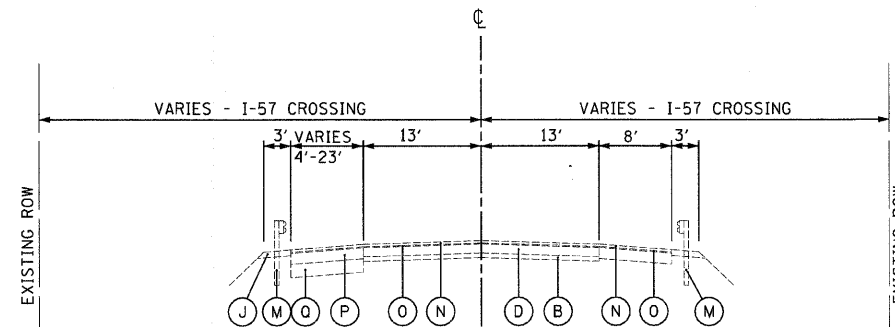


EXISTING
TYPICAL SECTION
MANHATTAN-MONEE ROAD
⑤ STA. 14036+39 TO STA. 14038+56



EXISTING
TYPICAL SECTION
MANHATTAN-MONEE ROAD
③ STA. 14027+15 TO STA. 14030+00

• GUARDRAIL IS NOT PRESENT IN ALL LOCATIONS



EXISTING
TYPICAL SECTION
MANHATTAN-MONEE ROAD
⑥ STA. 14038+56 TO STA. 14042+40

EXISTING LEGEND:

- Ⓐ EXISTING SUB-BASE GRANULAR MATERIAL, TYPE C, 4" AND VARIES
- Ⓑ EXISTING STABILIZED SUB-BASE, 4" AND VARIES
- Ⓒ EXISTING HOT-MIX ASPHALT PAVEMENT, 3" AND VARIES
- Ⓒ2 EXISTING HOT-MIX ASPHALT PAVEMENT, 3 1/4" AND VARIES
- Ⓓ EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 8" AND VARIES
- Ⓔ EXISTING CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT, 8" AND VARIES
- Ⓕ EXISTING AGGREGATE SHOULDERS
- Ⓖ EXISTING HOT-MIX ASPHALT SHOULDER, 8" AND VARIES
- Ⓗ EXISTING HOT-MIX ASPHALT SHOULDER, 10" AND VARIES (WHEN NO GUARDRAIL IS PRESENT - HOT-MIX ASPHALT, 3" - AGGREGATE BASE, 5" AND VARIES)
- Ⓘ EXISTING HOT-MIX ASPHALT SHOULDER, 10" AND VARIES
- Ⓙ EXISTING HOT-MIX ASPHALT STABILIZATION, 6" AND VARIES (WHEN GUARDRAIL IS PRESENT)
- Ⓚ1 EXISTING STABILIZED SHOULDER, 8" AND VARIES
- Ⓚ2 EXISTING STABILIZED SHOULDER, 11" AND VARIES
- Ⓛ EXISTING COMBINATION CONCRETE CURB AND GUTTER
- Ⓜ EXISTING STEEL PLATE BEAM GUARDRAIL
- Ⓝ EXISTING POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"
- Ⓞ EXISTING POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- Ⓟ EXISTING HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 8 1/2"
- Ⓠ EXISTING AGGREGATE SUBGRADE, 12 "
- Ⓡ EXISTING PCES, 24 "
- Ⓢ EXISTING PIPE UNDERDRAINS, 4"

NOTES:

- 1.) EXISTING PAVEMENT THICKNESSES ARE ESTIMATES OBTAINED FROM EXISTING PLANS AND PAVEMENT CORES AND MAY VARY FROM DIMENSIONS SHOWN.
- 2.) EXISTING PAVEMENT WIDTHS SHOWN ARE NOMINAL AND MAY VARY SLIGHTLY FROM THE DIMENSIONS INDICATED.
- 3.) STATIONING LIMITS SHOWN HERE ARE APPROXIMATE.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-57 AT MANHATTAN - MONEE ROAD

EXISTING TYPICAL SECTIONS
MANHATTAN - MONEE ROAD

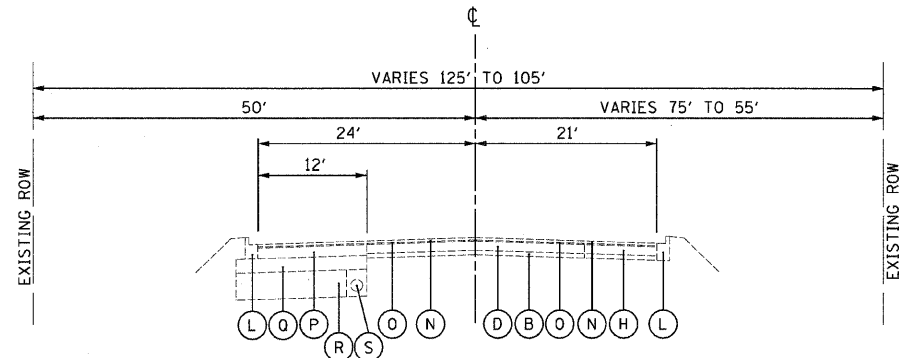
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DATE 9/19/2008

DRAWN BY ML, BDC, NS
CHECKED BY TMW

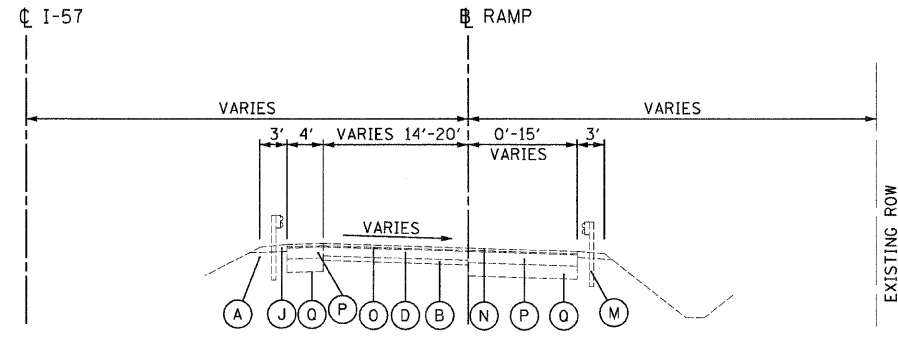
Clark Dietz
ENGINEERS

DESIGN FIRM REGISTRATION
No. 184-000450
118 SOUTH CLINTON STREET
SUITE 600
CHICAGO, IL 60661
PHONE : 312.648.9900
FAX : 312.648.0204

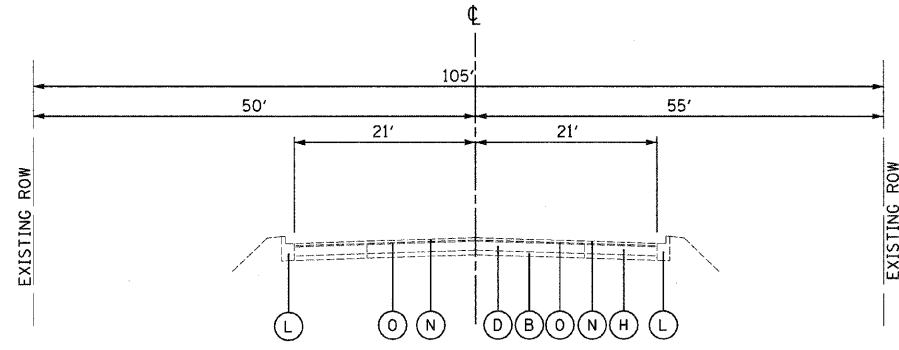
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	WILL	303	13
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT No. 62253		*991&2) R-3&9-11B-1-BR-2		



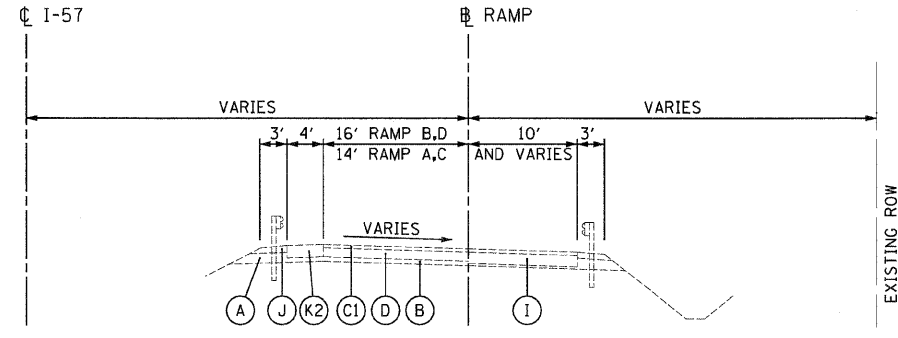
EXISTING TYPICAL SECTION
MANHATTAN-MONEE ROAD
⑦ STA. 14042+40 TO STA. 14046+42



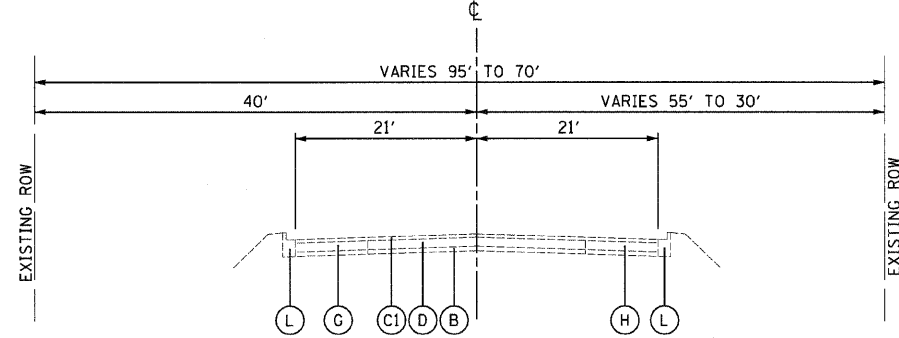
EXISTING TYPICAL SECTION
RAMPS A AND B
⑦ RAMP A STA. 100+14 TO STA. 101+88
⑪ RAMP B STA. 235+34 TO STA. 236+20



EXISTING TYPICAL SECTION
MANHATTAN-MONEE ROAD
⑧ STA. 14046+42 TO STA. 14048+03



EXISTING TYPICAL SECTION
RAMPS A, B, C, AND D
⑦ RAMP A STA. 101+88 TO STA. 105+97
⑪ RAMP B STA. 229+36 TO STA. 231+87
⑭ RAMP C STA. 300+14 TO STA. 305+56
⑯ RAMP D STA. 417+05 TO STA. 419+12



EXISTING TYPICAL SECTION
MANHATTAN-MONEE ROAD
⑨ STA. 14048+03 TO STA. 14055+00

EXISTING LEGEND:

- Ⓐ EXISTING SUB-BASE GRANULAR MATERIAL, TYPE C, 4" AND VARIES
- Ⓑ EXISTING STABILIZED SUB-BASE, 4" AND VARIES
- Ⓒ EXISTING HOT-MIX ASPHALT PAVEMENT, 3" AND VARIES
- Ⓒ2 EXISTING HOT-MIX ASPHALT PAVEMENT, 3/4" AND VARIES
- Ⓓ EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 8" AND VARIES
- Ⓔ EXISTING CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT, 8" AND VARIES
- Ⓕ EXISTING AGGREGATE SHOULDERS
- Ⓖ EXISTING HOT-MIX ASPHALT SHOULDER, 8" AND VARIES
- Ⓕ EXISTING HOT-MIX ASPHALT SHOULDER, 10" AND VARIES (WHEN NO GUARDRAIL IS PRESENT - HOT-MIX ASPHALT, 3" - AGGREGATE BASE, 5" AND VARIES)
- Ⓖ EXISTING HOT-MIX ASPHALT SHOULDER, 10" AND VARIES
- Ⓙ EXISTING HOT-MIX ASPHALT STABILIZATION, 6" AND VARIES (WHEN GUARDRAIL IS PRESENT)
- Ⓚ1 EXISTING STABILIZED SHOULDER, 8" AND VARIES
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- Ⓛ EXISTING COMBINATION CONCRETE CURB AND GUTTER
- Ⓜ EXISTING STEEL PLATE BEAM GUARDRAIL
- Ⓝ EXISTING POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"
- Ⓞ EXISTING POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- Ⓟ EXISTING HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 8 1/2"
- Ⓠ EXISTING AGGREGATE SUBGRADE, 12 "
- Ⓡ EXISTING PGES, 24 "
- Ⓢ EXISTING PIPE UNDERDRAINS, 4"

NOTES:

- 1.) EXISTING PAVEMENT THICKNESSES ARE ESTIMATES OBTAINED FROM EXISTING PLANS AND PAVEMENT CORES AND MAY VARY FROM DIMENSIONS SHOWN.
- 2.) EXISTING PAVEMENT WIDTHS SHOWN ARE NOMINAL AND MAY VARY SLIGHTLY FROM THE DIMENSIONS INDICATED.
- 3.) STATIONING LIMITS SHOWN HERE ARE APPROXIMATE.

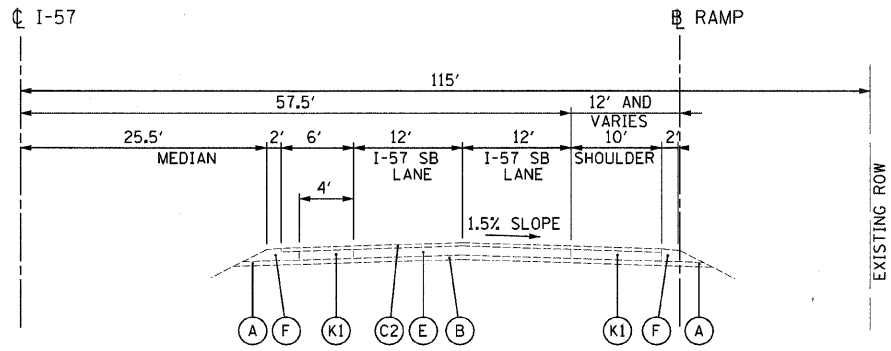
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-57 AT MANHATTAN - MONEE ROAD
EXISTING TYPICAL SECTIONS
MANHATTAN - MONEE ROAD AND
RAMPS A, B, C, D
SCALE: VERT. NTS
HORIZ. DATE 9/19/2008
DRAWN BY ML, BDC, NS
CHECKED BY TMW

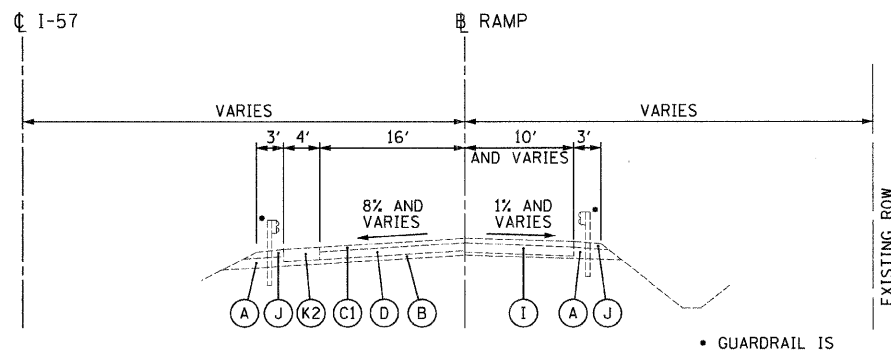
Clark Dietz
ENGINEERS
DESIGN FIRM REGISTRATION
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118 SOUTH CLINTON STREET
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CHICAGO, IL 60661
PHONE : 312.648.9900
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 B/1/2008

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57		WILL	303	14
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT No. 62253		*991821 R-389-1HB-1-BR-2		



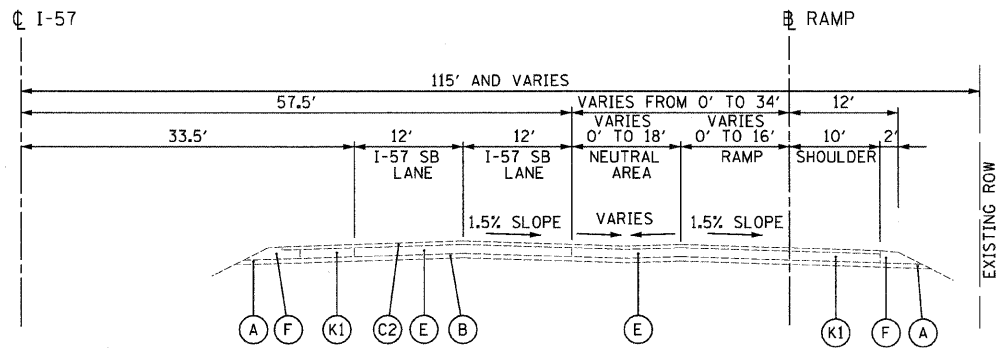
EXISTING TYPICAL SECTION
I-57 (SOUTHBOUND LANES) AND RAMP B
ⓑ RAMP B STA. 200+00 TO STA. 217+75



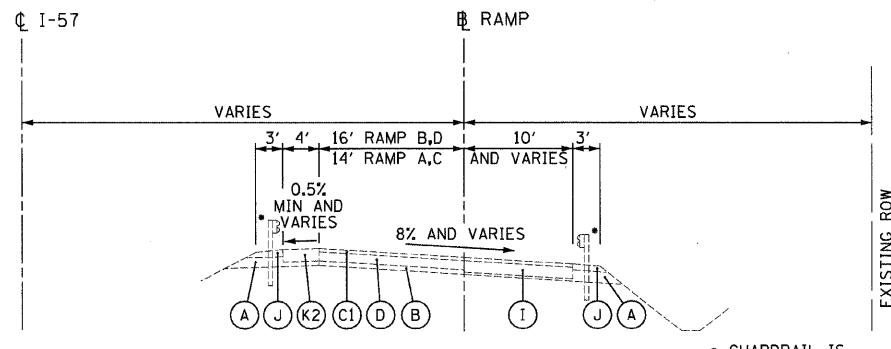
EXISTING TYPICAL SECTION
RAMP B AND D
ⓓ RAMP B STA. 231+87 TO STA. 235+34
ⓔ RAMP D STA. 413+77 TO STA. 417+05

EXISTING LEGEND:

- Ⓐ EXISTING SUB-BASE GRANULAR MATERIAL, TYPE C, 4" AND VARIES
- Ⓑ EXISTING STABILIZED SUB-BASE, 4" AND VARIES
- Ⓒ EXISTING HOT-MIX ASPHALT PAVEMENT, 3" AND VARIES
- Ⓒ2 EXISTING HOT-MIX ASPHALT PAVEMENT, 3/4" AND VARIES
- Ⓓ EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 8" AND VARIES
- Ⓔ EXISTING CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT, 8" AND VARIES
- Ⓕ EXISTING AGGREGATE SHOULDERS
- Ⓖ EXISTING HOT-MIX ASPHALT SHOULDER, 8" AND VARIES
- Ⓕ EXISTING HOT-MIX ASPHALT SHOULDER, 10" AND VARIES (WHEN NO GUARDRAIL IS PRESENT - HOT-MIX ASPHALT, 3" - AGGREGATE BASE, 5" AND VARIES)
- Ⓖ EXISTING HOT-MIX ASPHALT SHOULDER, 10" AND VARIES
- Ⓙ EXISTING HOT-MIX ASPHALT STABILIZATION, 6" AND VARIES (WHEN GUARDRAIL IS PRESENT)
- Ⓚ1 EXISTING STABILIZED SHOULDER, 8" AND VARIES
- Ⓚ2 EXISTING STABILIZED SHOULDER, 11" AND VARIES
- Ⓛ EXISTING COMBINATION CONCRETE CURB AND GUTTER
- Ⓜ EXISTING STEEL PLATE BEAM GUARDRAIL
- Ⓝ EXISTING POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"
- Ⓞ EXISTING POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- Ⓟ EXISTING HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 8/2"
- Ⓠ EXISTING AGGREGATE SUBGRADE, 12 "
- Ⓡ EXISTING PGES, 24 "
- Ⓢ EXISTING PIPE UNDERDRAINS, 4"



EXISTING TYPICAL SECTION
I-57 (SOUTHBOUND LANES) AND RAMP B
ⓑ RAMP B STA. 217+75 TO STA. 224+68



EXISTING TYPICAL SECTION
RAMP B
ⓓ RAMP B STA. 224+68 TO STA. 229+36

NOTES:

- 1.) EXISTING PAVEMENT THICKNESSES ARE ESTIMATES OBTAINED FROM EXISTING PLANS AND PAVEMENT CORES AND MAY VARY FROM DIMENSIONS SHOWN.
- 2.) EXISTING PAVEMENT WIDTHS SHOWN ARE NOMINAL AND MAY VARY SLIGHTLY FROM THE DIMENSIONS INDICATED.
- 3.) STATIONING LIMITS SHOWN HERE ARE APPROXIMATE.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-57 AT MANHATTAN - MONEE ROAD
EXISTING TYPICAL SECTIONS
RAMP B AND D

SCALE: VERT. NTS
HORIZ.
DATE 9/19/2008
DRAWN BY ML, BDC, NS
CHECKED BY TMW

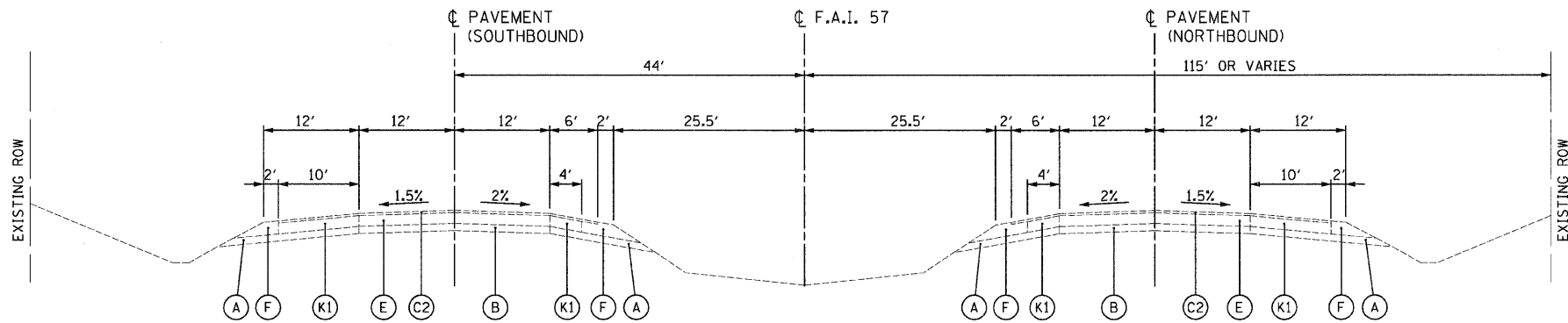
Clark Dietz
ENGINEERS

DESIGN FIRM REGISTRATION
No. 184-000450

118 SOUTH CLINTON STREET
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CHICAGO, IL 60661
PHONE : 312.648.9900
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8/1/2008

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57		WILL	303	15
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT No. 62253		*991821 R-389-1B-1-BR-2		



EXISTING
TYPICAL SECTION
I-57 SOUTHBOUND LANES AND NORTHBOUND LANES
(16) STA. 1341+29 TO STA. 1356+21

EXISTING LEGEND:

- (A) EXISTING SUB-BASE GRANULAR MATERIAL, TYPE C, 4" AND VARIES
- (B) EXISTING STABILIZED SUB-BASE, 4" AND VARIES
- (C1) EXISTING HOT-MIX ASPHALT PAVEMENT, 3" AND VARIES
- (C2) EXISTING HOT-MIX ASPHALT PAVEMENT, 3/4" AND VARIES
- (D) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 8" AND VARIES
- (E) EXISTING CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT, 8" AND VARIES
- (F) EXISTING AGGREGATE SHOULDERS
- (G) EXISTING HOT-MIX ASPHALT SHOULDER, 8" AND VARIES
- (H) EXISTING HOT-MIX ASPHALT SHOULDER, 10" AND VARIES (WHEN NO GUARDRAIL IS PRESENT - HOT-MIX ASPHALT, 3" - AGGREGATE BASE, 5" AND VARIES)
- (I) EXISTING HOT-MIX ASPHALT SHOULDER, 10" AND VARIES
- (J) EXISTING HOT-MIX ASPHALT STABILIZATION, 6" AND VARIES (WHEN GUARDRAIL IS PRESENT)
- (K1) EXISTING STABILIZED SHOULDER, 8" AND VARIES
- (K2) EXISTING STABILIZED SHOULDER, 11" AND VARIES
- (L) EXISTING COMBINATION CONCRETE CURB AND GUTTER
- (M) EXISTING STEEL PLATE BEAM GUARDRAIL
- (N) EXISTING POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"
- (O) EXISTING POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- (P) EXISTING HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 8 1/2"
- (Q) EXISTING AGGREGATE SUBGRADE, 12 "
- (R) EXISTING PGES, 24 "
- (S) EXISTING PIPE UNDERDRAINS, 4"

NOTES:

- 1.) EXISTING PAVEMENT THICKNESSES ARE ESTIMATES OBTAINED FROM EXISTING PLANS AND PAVEMENT CORES AND MAY VARY FROM DIMENSIONS SHOWN.
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-57 AT MANHATTAN - MONEE ROAD
EXISTING TYPICAL SECTIONS
I-57

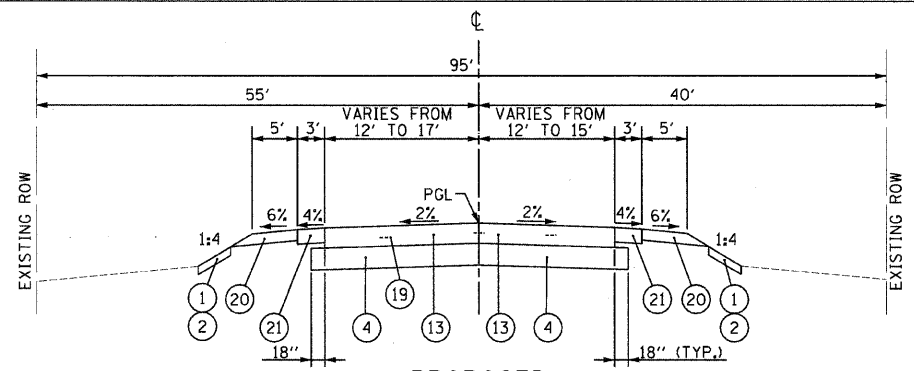
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HORIZ.
DATE 9/19/2008
DRAWN BY ML, BDC, NS
CHECKED BY TMW

Clark Dietz
ENGINEERS

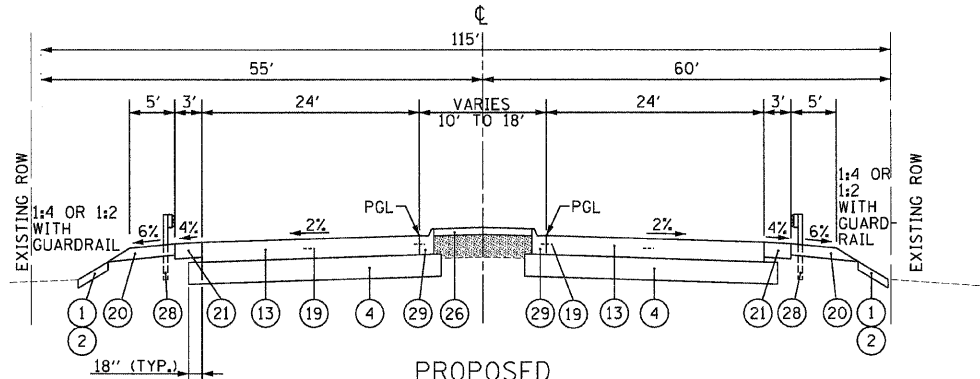
DESIGN FIRM REGISTRATION
No. 184-000450
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PHONE : 312.648.9900
FAX : 312.648.0204

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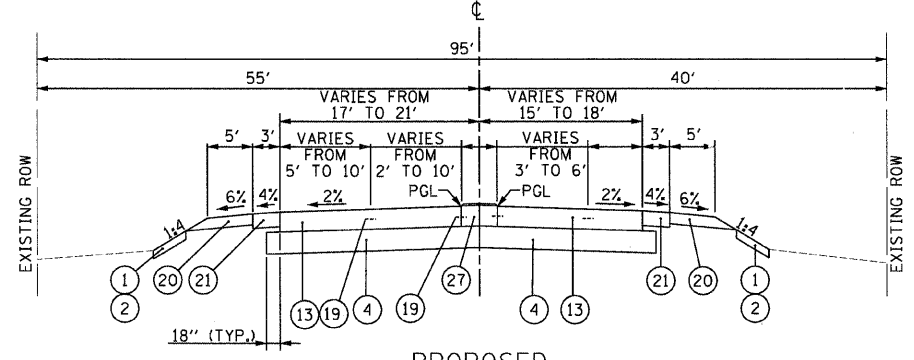
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57		WILL	303	16
STA. 14024+23.67 TO STA. 14025+41		TO STA.		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
CONTRACT No. 62253		+99182) R-389-1HB-1-BR-2		



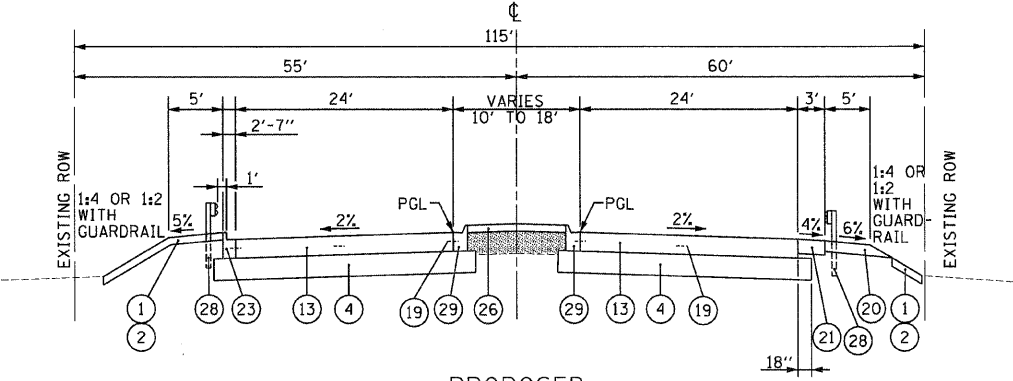
PROPOSED
TYPICAL SECTION
MANHATTAN-MONEE ROAD
① STA. 14024+23.67 TO STA. 14025+41



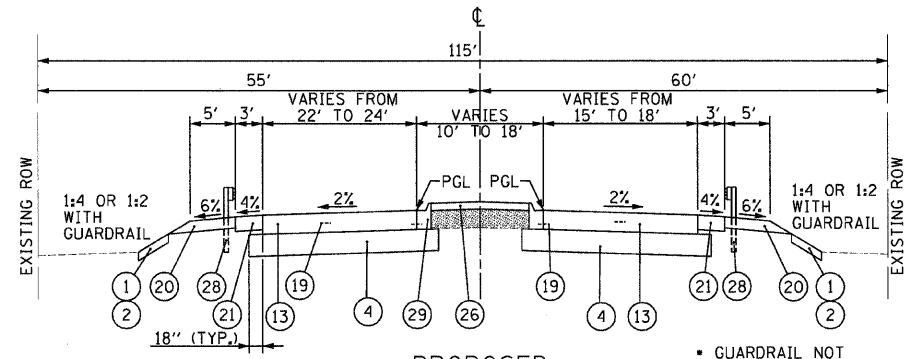
PROPOSED
TYPICAL SECTION
MANHATTAN-MONEE ROAD
④ STA. 14027+47 TO STA. 14029+20



PROPOSED
TYPICAL SECTION
MANHATTAN-MONEE ROAD
② STA. 14025+41 TO STA. 14026+50



PROPOSED
TYPICAL SECTION
MANHATTAN-MONEE ROAD
⑤ STA. 14029+20 TO STA. 14030+42



PROPOSED
TYPICAL SECTION
MANHATTAN-MONEE ROAD
③ STA. 14026+50 TO STA. 14027+47

EXISTING LEGEND:

- (A) EXISTING SUB-BASE GRANULAR MATERIAL, TYPE C, 4" AND VARIES
- (B) EXISTING STABILIZED SUB-BASE, 4" AND VARIES
- (C) EXISTING HOT-MIX ASPHALT PAVEMENT, 3" AND VARIES
- (D) EXISTING HOT-MIX ASPHALT PAVEMENT, 3 1/4" AND VARIES
- (E) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 8" AND VARIES
- (F) EXISTING CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT, 8" AND VARIES
- (G) EXISTING AGGREGATE SHOULDERS
- (H) EXISTING HOT-MIX ASPHALT SHOULDER, 8" AND VARIES
- (I) EXISTING HOT-MIX ASPHALT SHOULDER, 10" AND VARIES (WHEN NO GUARDRAIL IS PRESENT - HOT-MIX ASPHALT, 3" - AGGREGATE BASE, 5" AND VARIES)
- (J) EXISTING HOT-MIX ASPHALT SHOULDER, 10" AND VARIES
- (K) EXISTING HOT-MIX ASPHALT STABILIZATION, 6" AND VARIES (WHEN GUARDRAIL IS PRESENT)
- (L) EXISTING STABILIZED SHOULDER, 8" AND VARIES
- (M) EXISTING STABILIZED SHOULDER, 11" AND VARIES
- (N) EXISTING COMBINATION CONCRETE CURB AND GUTTER
- (O) EXISTING STEEL PLATE BEAM GUARDRAIL

PROPOSED LEGEND:

- (1) TOPSOIL EXCAVATION AND PLACEMENT, 4"
- (2) SEEDING, CLASS 2A, 3, 4 (SEE LANDSCAPING SHEETS FOR AREAS)
- (3) STABILIZED SUB-BASE - HOT - MIX ASPHALT, 4 1/2" (IN 2 LIFTS)
- (4) AGGREGATE SUBGRADE 12"
- (5) AGGREGATE SUBGRADE 14.25"
- (6) SUBBASE GRANULAR MATERIAL TYPE B, 4"
- (7) BITUMINOUS MATERIALS (PRIME COAT)
- (8) AGGREGATE (PRIME COAT)
- (9) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, VARIES 1" TO 4.5"
- (10) POLYMERIZED HOT - MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 1/2"
- (11) PCC BASE COURSE, 12"
- (12) HOT - MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- (13) PORTLAND CEMENT CONCRETE PAVEMENT, 11" (JOINTED)
- (14) HOT - MIX ASPHALT SURFACE REMOVAL, 1"
- (15) HOT - MIX ASPHALT SURFACE REMOVAL, 2 3/4"
- (16) NOT USED
- (17) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 12 3/4"
- (18) SAW CUTS (INCIDENTAL TO REMOVAL ITEMS)
- (19) TIE BARS PER STANDARD 420101 (INCLUDED IN PAVEMENT ITEMS)
- (20) AGGREGATE SHOULDERS, TYPE B, 6"
- (21) HOT - MIX ASPHALT SHOULDERS, 8"
- (22) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- (23) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (24) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.12
- (25) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12
- (26) CONCRETE MEDIAN SURFACE, 6"
- (27) CORRUGATED MEDIAN
- (28) STEEL PLATE BEAM GUARDRAIL, TYPE A
- (29) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12
- (30) TOPSOIL EXCAVATION AND PLACEMENT, 24"
- (31) PORTLAND CEMENT CONCRETE SHOULDERS, 11"
- (32) PIPE UNDERDRAINS, 4"

SECTIONS ①②③④⑤

STRUCTURAL DESIGN TRAFFIC: YEAR 2014

PV = 17,089 SU = 1,823 MU = 3,874

ROAD/STREET CLASSIFICATION: CLASS 1

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:

P = 75.0% S = 8.0% M = 17.0%

TRAFFIC FACTOR: ACTUAL TF = 26.65

MINIMUM TF = 6.03

SUBGRADE SUPPORT RATING

SSR = POOR

NOTES:

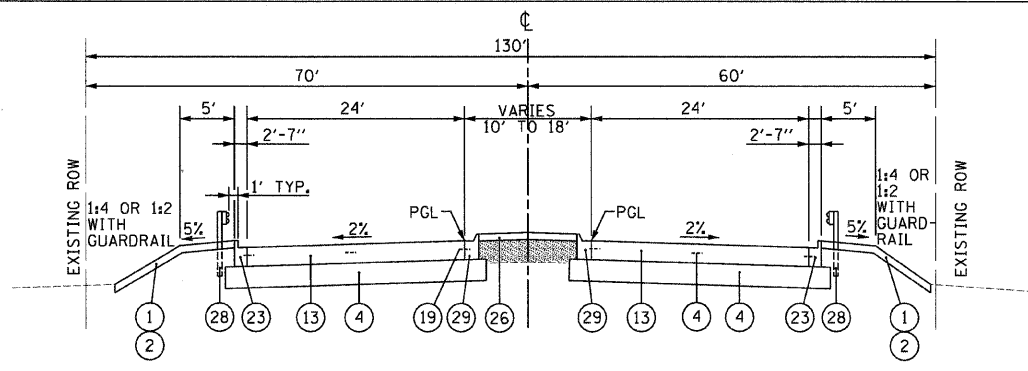
- 1.) EXISTING PAVEMENT WIDTHS SHOWN ARE NOMINAL AND MAY VARY SLIGHTLY FROM THE DIMENSIONS INDICATED.
- 2.) STATIONING LIMITS SHOWN HERE ARE APPROXIMATE.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION I-57 AT MANHATTAN - MONEE ROAD PROPOSED TYPICAL SECTIONS MANHATTAN - MONEE ROAD STA. 14024+23.67 TO STA. 14030+42
NAME	DATE	
		SCALE: VERT. NTS HORIZ. DATE 9/19/2008 DRAWN BY ML, BDC, NS CHECKED BY TMW

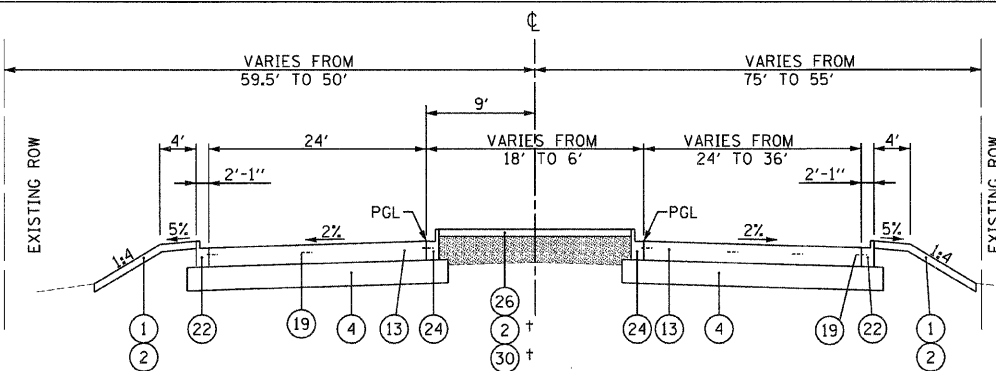
DESIGN FIRM REGISTRATION
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Clark Dietz
ENGINEERS

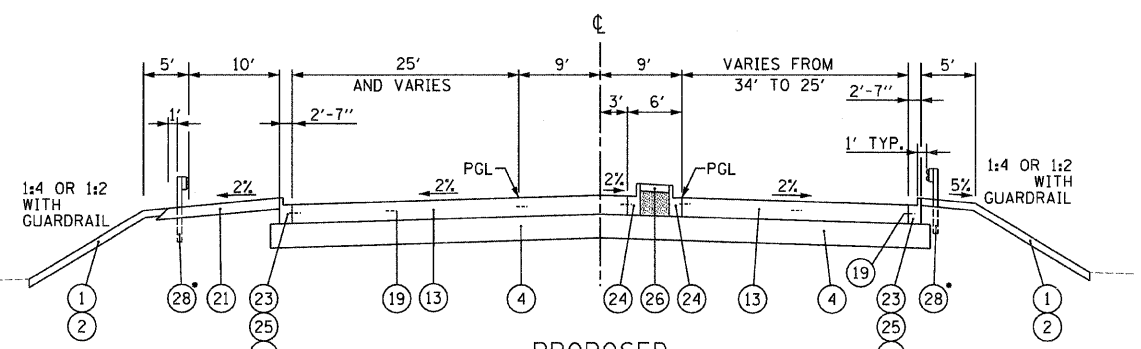
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57		WILL	303	17
STA. 14030+42 TO STA. 14050+81				
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
CONTRACT No. 62253		+99027 R-389-1HB-1-BR-2		



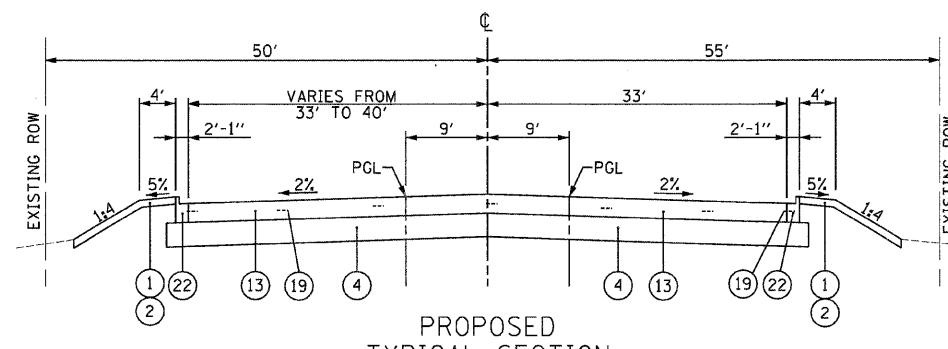
PROPOSED TYPICAL SECTION
MANHATTAN-MONEE ROAD
⑥ STA. 14030+42 TO STA. 14032+50



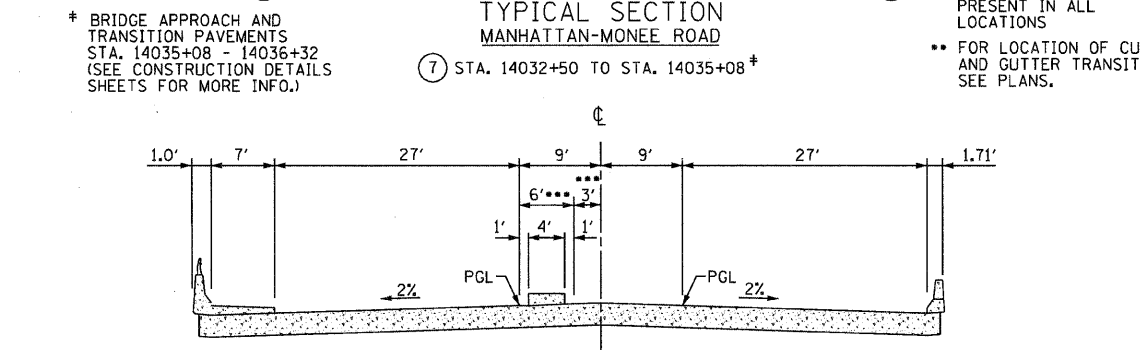
PROPOSED TYPICAL SECTION
MANHATTAN-MONEE ROAD
⑩ STA. 14042+00 TO STA. 14045+61
+ STA. 14042+23 TO STA. 14044+60



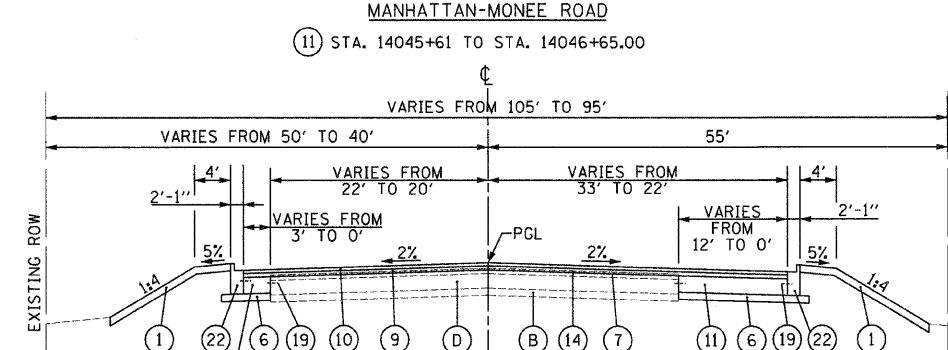
PROPOSED TYPICAL SECTION
MANHATTAN-MONEE ROAD
⑦ STA. 14032+50 TO STA. 14035+08*



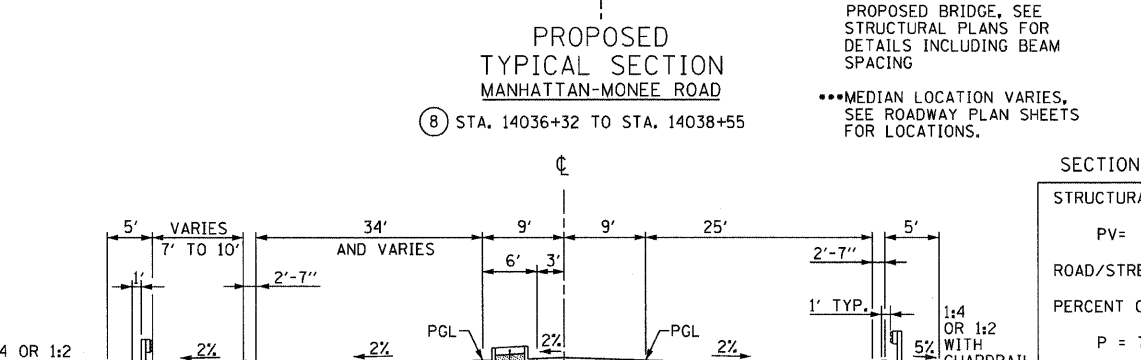
PROPOSED TYPICAL SECTION
MANHATTAN-MONEE ROAD
⑪ STA. 14045+61 TO STA. 14046+65.00



PROPOSED TYPICAL SECTION
MANHATTAN-MONEE ROAD
⑧ STA. 14036+32 TO STA. 14038+55



PROPOSED TYPICAL SECTION
MANHATTAN-MONEE ROAD
⑫ STA. 14046+65.00 TO STA. 14050+81.74



PROPOSED TYPICAL SECTION
MANHATTAN-MONEE ROAD
⑨ STA. 14039+80 TO STA. 14042+00*

SECTIONS ⑥ ⑦ ⑧ ⑩ ⑪

STRUCTURAL DESIGN TRAFFIC: YEAR 2014

PV= 17,089 SU = 1,823 MU = 3,874

ROAD/STREET CLASSIFICATION: CLASS 1

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:

P = 75.0% S = 8.0% M = 17.0%

TRAFFIC FACTOR: ACTUAL TF = 26.65

MINIMUM TF = 6.03

SUBGRADE SUPPORT RATING

SSR = POOR

SECTION ⑫

STRUCTURAL DESIGN TRAFFIC: YEAR 2014

PV= 17,089 SU = 1,823 MU = 3,874

ROAD/STREET CLASSIFICATION: CLASS 1

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:

P = 75.0% S = 8.0% M = 17.0%

TRAFFIC FACTOR: ACTUAL TF = 19.01 AC TYPE = 10

MINIMUM TF = 4.27

PG GRADE: BINDER = 64-22 SURFACE = 64-22

SUBGRADE SUPPORT RATING

SSR = POOR

- EXISTING LEGEND:**
- (A) EXISTING SUB-BASE GRANULAR MATERIAL, TYPE C, 4" AND VARIES
 - (B) EXISTING STABILIZED SUB-BASE, 4" AND VARIES
 - (C) EXISTING HOT-MIX ASPHALT PAVEMENT, 3" AND VARIES
 - (C2) EXISTING HOT-MIX ASPHALT PAVEMENT, 3/4" AND VARIES
 - (D) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 8" AND VARIES
 - (E) EXISTING CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT, 8" AND VARIES
 - (F) EXISTING AGGREGATE SHOULDERS
 - (G) EXISTING HOT-MIX ASPHALT SHOULDER, 8" AND VARIES
 - (H) EXISTING HOT-MIX ASPHALT SHOULDER, 10" AND VARIES (WHEN NO GUARDRAIL IS PRESENT - HOT-MIX ASPHALT, 3" - AGGREGATE BASE, 5" AND VARIES)
 - (I) EXISTING HOT-MIX ASPHALT SHOULDER, 10" AND VARIES
 - (J) EXISTING HOT-MIX ASPHALT STABILIZATION, 6" AND VARIES (WHEN GUARDRAIL IS PRESENT)
 - (K) EXISTING STABILIZED SHOULDER, 8" AND VARIES
 - (K2) EXISTING STABILIZED SHOULDER, 11" AND VARIES
 - (L) EXISTING COMBINATION CONCRETE CURB AND GUTTER
 - (M) EXISTING STEEL PLATE BEAM GUARDRAIL

- PROPOSED LEGEND:**
- (1) TOPSOIL EXCAVATION AND PLACEMENT, 4"
 - (2) SEEDING, CLASS 2A, 3, 4 (SEE LANDSCAPING SHEETS FOR AREAS)
 - (3) STABILIZED SUB-BASE - HOT - MIX ASPHALT, 4 1/2" (IN 2 LIFTS)
 - (4) AGGREGATE SUBGRADE 12"
 - (5) AGGREGATE SUBGRADE 14.25"
 - (6) SUBBASE GRANULAR MATERIAL TYPE B, 4"
 - (7) BITUMINOUS MATERIALS (PRIME COAT)
 - (8) AGGREGATE (PRIME COAT)
 - (9) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, VARIES 1" TO 4.5"
 - (10) POLYMERIZED HOT - MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 1/2"
 - (11) PCC BASE COURSE, 12"
 - (12) HOT - MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
 - (13) PORTLAND CEMENT CONCRETE PAVEMENT, 11" (JOINTED)
 - (14) HOT - MIX ASPHALT SURFACE REMOVAL, 1"
 - (15) HOT - MIX ASPHALT SURFACE REMOVAL, 2 3/4"
 - (16) NOT USED
 - (17) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 12 3/4"
 - (18) SAW CUTS (INCIDENTAL TO REMOVAL ITEMS)
 - (19) TIE BARS PER STANDARD 420101 (INCLUDED IN PAVEMENT ITEMS)
 - (20) AGGREGATE SHOULDERS, TYPE B, 6"
 - (21) HOT - MIX ASPHALT SHOULDERS, 8"
 - (22) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
 - (23) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - (24) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.12
 - (25) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12
 - (26) CONCRETE MEDIAN SURFACE, 6"
 - (27) CORRUGATED MEDIAN
 - (28) STEEL PLATE BEAM GUARDRAIL, TYPE A
 - (29) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12
 - (30) TOPSOIL EXCAVATION AND PLACEMENT, 24"
 - (31) PORTLAND CEMENT CONCRETE SHOULDERS, 11"
 - (32) PIPE UNDERDRAINS, 4"

NOTES:

- 1.) EXISTING PAVEMENT WIDTHS SHOWN ARE NOMINAL AND MAY VARY SLIGHTLY FROM THE DIMENSIONS INDICATED.
- 2.) STATIONING LIMITS SHOWN HERE ARE APPROXIMATE.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

I-57 AT MANHATTAN - MONEE ROAD

PROPOSED TYPICAL SECTIONS
MANHATTAN - MONEE ROAD
STA. 14030+42 TO STA. 14050+81.74

SCALE: VERT. NTS
HORIZ. DATE 9/19/2008

DRAWN BY ML, BDC, NS
CHECKED BY TMW

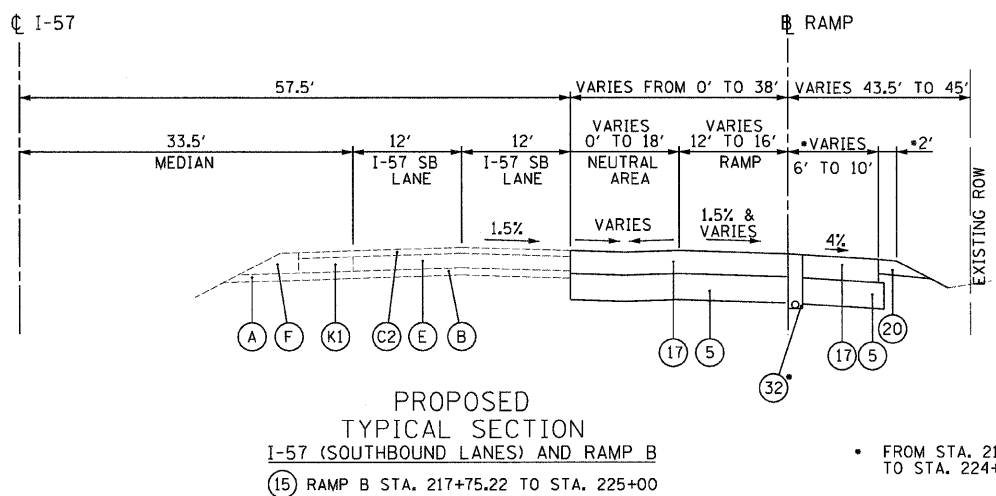
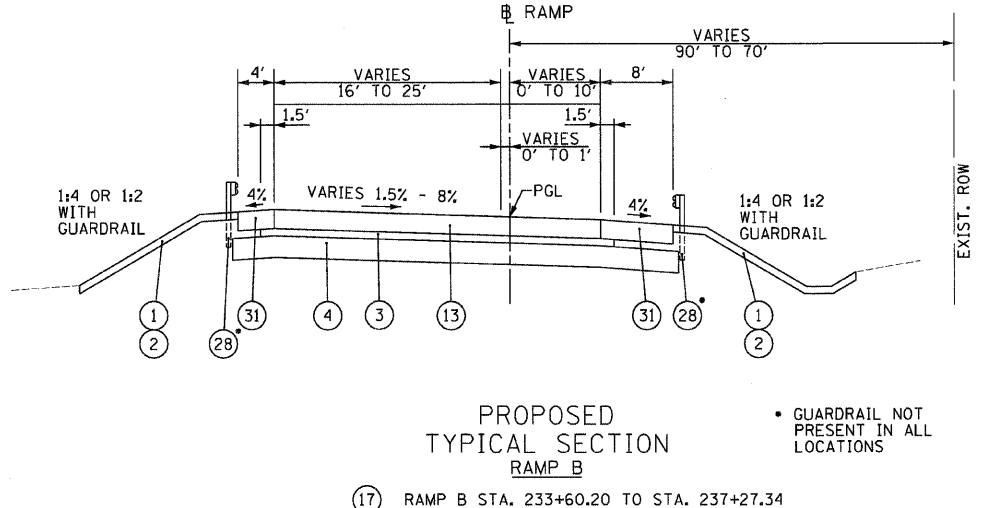
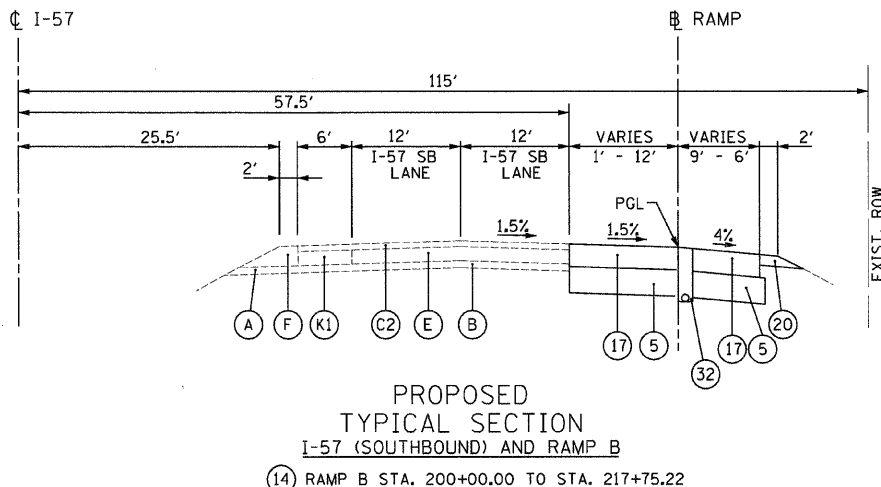
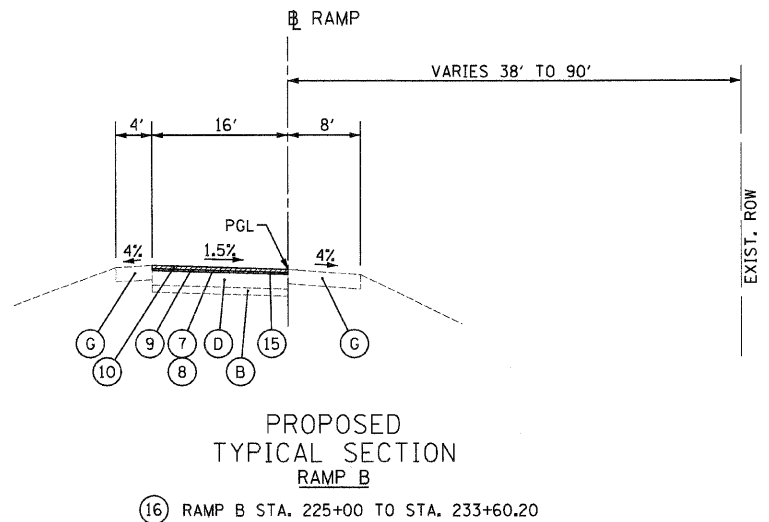
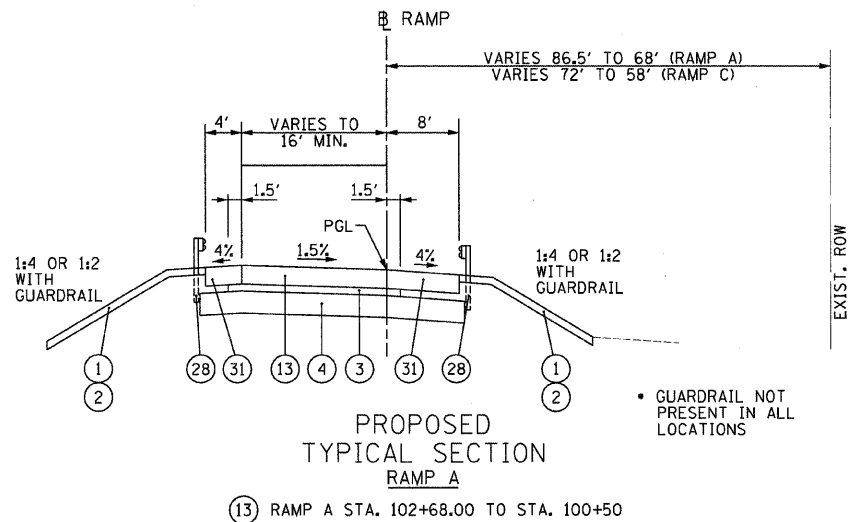
DESIGN FIRM REGISTRATION
No. 184-000450

118 SOUTH CLINTON STREET
SUITE 600
CHICAGO, IL 60661
PHONE : 312.648.9900
FAX : 312.648.0204

Clark Dietz
ENGINEERS

P:\022331\p\lana\monee\1402231\SS101015.dgn 8/17/2008

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	18
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT No. 62253		99182) R-389-1HB-1-BR-2		



- EXISTING LEGEND:**
- (A) EXISTING SUB-BASE GRANULAR MATERIAL, TYPE C, 4" AND VARIES
 - (B) EXISTING STABILIZED SUB-BASE, 4" AND VARIES
 - (C1) EXISTING HOT-MIX ASPHALT PAVEMENT, 3" AND VARIES
 - (C2) EXISTING HOT-MIX ASPHALT PAVEMENT, 3/4" AND VARIES
 - (D) EXISTING PORTLAND CEMENT PAVEMENT, 8" AND VARIES
 - (E) EXISTING CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT, 8" AND VARIES
 - (F) EXISTING AGGREGATE SHOULDERS
 - (G) EXISTING HOT-MIX ASPHALT SHOULDER, 8" AND VARIES
 - (H) EXISTING HOT-MIX ASPHALT SHOULDER, 10" AND VARIES (WHEN NO GUARDRAIL IS PRESENT - HOT-MIX ASPHALT, 3" - AGGREGATE BASE, 5" AND VARIES)
 - (I) EXISTING HOT-MIX ASPHALT SHOULDER, 10" AND VARIES
 - (J) EXISTING HOT-MIX ASPHALT STABILIZATION, 6" AND VARIES (WHEN GUARDRAIL IS PRESENT)
 - (K1) EXISTING STABILIZED SHOULDER, 8" AND VARIES
 - (K2) EXISTING STABILIZED SHOULDER, 11" AND VARIES
 - (L) EXISTING COMBINATION CONCRETE CURB AND GUTTER
 - (M) EXISTING STEEL PLATE BEAM GUARDRAIL

- PROPOSED LEGEND:**
- (1) TOPSOIL EXCAVATION AND PLACEMENT, 4"
 - (2) SEEDING, CLASS 2A, 3, 4 (SEE LANDSCAPING SHEETS FOR AREAS)
 - (3) STABILIZED SUB-BASE - HOT - MIX ASPHALT, 4 1/2" (IN 2 LIFTS)
 - (4) AGGREGATE SUBGRADE 12"
 - (5) AGGREGATE SUBGRADE 14.25"
 - (6) SUBBASE GRANULAR MATERIAL TYPE B, 4"
 - (7) BITUMINOUS MATERIALS (PRIME COAT)
 - (8) AGGREGATE (PRIME COAT)
 - (9) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, VARIES 1" TO 4.5"
 - (10) POLYMERIZED HOT - MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 1/2"
 - (11) PCC BASE COURSE, 12"
 - (12) HOT - MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
 - (13) PORTLAND CEMENT CONCRETE PAVEMENT, 11" (JOINTED)
 - (14) HOT - MIX ASPHALT SURFACE REMOVAL, 1"
 - (15) HOT - MIX ASPHALT SURFACE REMOVAL, 2 3/4"
 - (16) NOT USED
 - (17) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 12 3/4"
 - (18) SAW CUTS (INCIDENTAL TO REMOVAL ITEMS)
 - (19) TIE BARS PER STANDARD 420101 (INCLUDED IN PAVEMENT ITEMS)
 - (20) AGGREGATE SHOULDERS, TYPE B, 6"
 - (21) HOT - MIX ASPHALT SHOULDERS, 8"
 - (22) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
 - (23) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - (24) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.12
 - (25) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12
 - (26) CONCRETE MEDIAN SURFACE, 6"
 - (27) CORRUGATED MEDIAN
 - (28) STEEL PLATE BEAM GUARDRAIL, TYPE A
 - (29) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12
 - (30) TOPSOIL EXCAVATION AND PLACEMENT, 24"
 - (31) PORTLAND CEMENT CONCRETE SHOULDERS, 11"
 - (32) PIPE UNDERDRAINS, 4"

SECTION (13)

STRUCTURAL DESIGN TRAFFIC: YEAR 2010
 PV = 2,815 SU = 142 MU = 60
 ROAD/STREET CLASSIFICATION: CLASS 1
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
 P = 93.3% S = 4.7% M = 2.0%
 TRAFFIC FACTOR: ACTUAL TF = 1.26
 MINIMUM TF = 1.26
 SUBGRADE SUPPORT RATING
 SSR = POOR

SECTIONS (14) (15) (16) (17)

STRUCTURAL DESIGN TRAFFIC: YEAR 2010
 PV = 12,742 SU = 642 MU = 273
 ROAD/STREET CLASSIFICATION: CLASS 1
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
 P = 93.3% S = 4.7% M = 2.0%
 TRAFFIC FACTOR: ACTUAL TF = 5.69
 MINIMUM TF = 5.69
 SUBGRADE SUPPORT RATING
 SSR = POOR

NOTES:

- 1.) EXISTING PAVEMENT WIDTHS SHOWN ARE NOMINAL AND MAY VARY SLIGHTLY FROM THE DIMENSIONS INDICATED.
- 2.) STATIONING LIMITS SHOWN HERE ARE APPROXIMATE.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION I-57 AT MANHATTAN - MONEE ROAD
NAME	DATE	
		PROPOSED TYPICAL SECTIONS RAMPS A AND B SCALE: VERT. NTS HORIZ. DATE 9/19/2008 DRAWN BY ML, BDC, NS CHECKED BY TMW

DESIGN FIRM REGISTRATION
 No. 184-000450
Clark Dietz
 ENGINEERS
 118 SOUTH CLINTON STREET
 SUITE 800
 CHICAGO, IL 60661
 PHONE : 312.648.9900
 FAX : 312.648.0204

F:\102231\plans\shhets\02231\5510106.dgn
 8/1/2008

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57		WILL	303	19
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT No. 62253		991821 R-389-1B-1-BR-2		

EXISTING LEGEND:

- (A) EXISTING SUB-BASE GRANULAR MATERIAL, TYPE C, 4" AND VARIES
- (B) EXISTING STABILIZED SUB-BASE, 4" AND VARIES
- (C1) EXISTING HOT-MIX ASPHALT PAVEMENT, 3" AND VARIES
- (C2) EXISTING HOT-MIX ASPHALT PAVEMENT, 3 1/4" AND VARIES
- (D) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 8" AND VARIES
- (E) EXISTING CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT, 8" AND VARIES
- (F) EXISTING AGGREGATE SHOULDERS
- (G) EXISTING HOT-MIX ASPHALT SHOULDER, 8" AND VARIES
- (H) EXISTING HOT-MIX ASPHALT SHOULDER, 10" AND VARIES (WHEN NO GUARDRAIL IS PRESENT - HOT-MIX ASPHALT, 3" - AGGREGATE BASE, 5" AND VARIES)
- (I) EXISTING HOT-MIX ASPHALT SHOULDER, 10" AND VARIES
- (J) EXISTING HOT-MIX ASPHALT STABILIZATION, 6" AND VARIES (WHEN GUARDRAIL IS PRESENT)
- (K1) EXISTING STABILIZED SHOULDER, 8" AND VARIES
- (K2) EXISTING STABILIZED SHOULDER, 11" AND VARIES
- (L) EXISTING COMBINATION CONCRETE CURB AND GUTTER
- (M) EXISTING STEEL PLATE BEAM GUARDRAIL

PROPOSED LEGEND:

- (1) TOPSOIL EXCAVATION AND PLACEMENT, 4"
- (2) SEEDING, CLASS 2A, 3, 4 (SEE LANDSCAPING SHEETS FOR AREAS)
- (3) STABILIZED SUB-BASE - HOT - MIX ASPHALT, 4 1/2" (IN 2 LIFTS)
- (4) AGGREGATE SUBGRADE 12"
- (5) AGGREGATE SUBGRADE 14.25"
- (6) SUBBASE GRANULAR MATERIAL TYPE B, 4"
- (7) BITUMINOUS MATERIALS (PRIME COAT)
- (8) AGGREGATE (PRIME COAT)
- (9) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, VARIES 1" TO 4.5"
- (10) POLYMERIZED HOT - MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 1/2"
- (11) PCC BASE COURSE, 12"
- (12) HOT - MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- (13) PORTLAND CEMENT CONCRETE PAVEMENT, 11" (JOINTED)
- (14) HOT - MIX ASPHALT SURFACE REMOVAL, 1"
- (15) HOT - MIX ASPHALT SURFACE REMOVAL, 2 3/4"
- (16) NOT USED
- (17) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 12 3/4"
- (18) SAW CUTS (INCIDENTAL TO REMOVAL ITEMS)
- (19) TIE BARS PER STANDARD 420101 (INCLUDED IN PAVEMENT ITEMS)
- (20) AGGREGATE SHOULDERS, TYPE B, 6"
- (21) HOT - MIX ASPHALT SHOULDERS, 8"
- (22) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- (23) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (24) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.12
- (25) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12
- (26) CONCRETE MEDIAN SURFACE, 6"
- (27) CORRUGATED MEDIAN
- (28) STEEL PLATE BEAM GUARDRAIL, TYPE A
- (29) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12
- (30) TOPSOIL EXCAVATION AND PLACEMENT, 24"
- (31) PORTLAND CEMENT CONCRETE SHOULDERS, 11"
- (32) PIPE UNDERDRAINS, 4"

NOTES:

- 1.) EXISTING PAVEMENT WIDTHS SHOWN ARE NOMINAL AND MAY VARY SLIGHTLY FROM THE DIMENSIONS INDICATED.
- 2.) STATIONING LIMITS SHOWN HERE ARE APPROXIMATE.

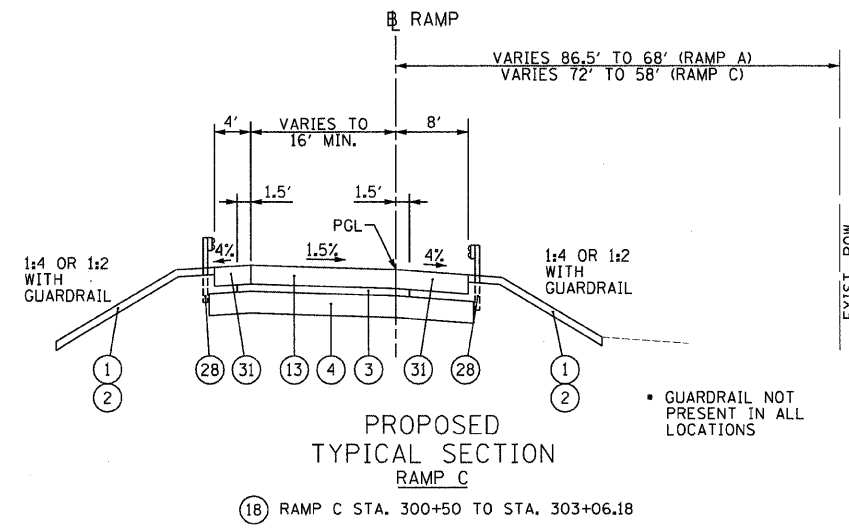
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-57 AT MANHATTAN - MONEE ROAD

PROPOSED TYPICAL SECTIONS
RAMPS B, C, D

SCALE: VERT. NTS
HORIZ. DATE 9/19/2008

DRAWN BY ML. BDC, NS
CHECKED BY TMW



SECTION 18

STRUCTURAL DESIGN TRAFFIC: YEAR 2020

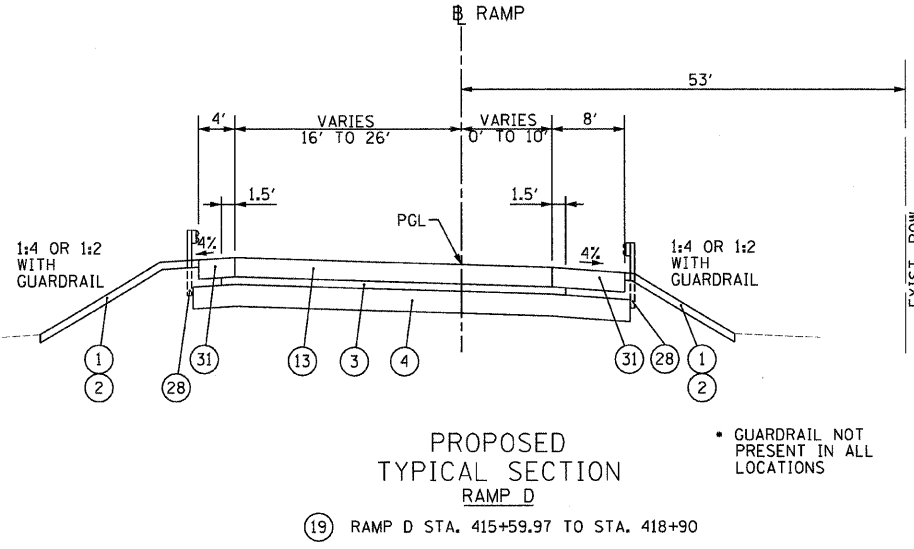
PV= 12,702 SU = 640 MU = 272

ROAD/STREET CLASSIFICATION: CLASS 1

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
P = 93.3% S = 4.7% M = 2.0%

TRAFFIC FACTOR: ACTUAL TF = 5.67
MINIMUM TF = 5.67

SUBGRADE SUPPORT RATING
SSR = POOR



SECTION 19

STRUCTURAL DESIGN TRAFFIC: YEAR 2010

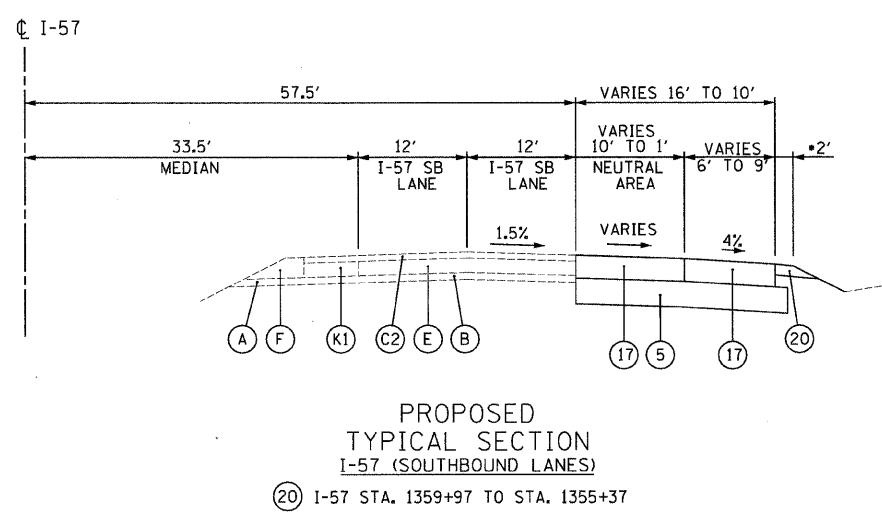
PV= 4,278 SU = 216 MU = 92

ROAD/STREET CLASSIFICATION: CLASS 1

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
P = 93.3% S = 4.7% M = 2.0%

TRAFFIC FACTOR: ACTUAL TF = 1.91
MINIMUM TF = 1.91

SUBGRADE SUPPORT RATING
SSR = POOR



SECTION 20

STRUCTURAL DESIGN TRAFFIC: YEAR 2014

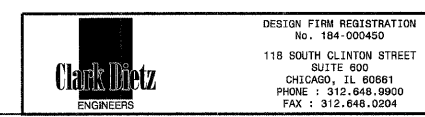
PV= 17,089 SU = 1,823 MU = 3,874

ROAD/STREET CLASSIFICATION: CLASS 1

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
P = 75.0% S = 8.0% M = 17.0%

TRAFFIC FACTOR: ACTUAL TF = 26.65
MINIMUM TF = 6.03

SUBGRADE SUPPORT RATING
SSR = POOR



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57		WILL	303	20
TO STA.				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
*99182	R-389-1NB-1-BR-2	CONTRACT: 62253		

STATION	TO	STATION	EARTH EXCAVATION CU YD	AVAILABLE EXCAVATION ADJUSTED FOR SHRINKAGE CU YD	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL CU YD	EMBANKMENT CU YD	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) CU YD	TOPSOIL EXCAVATION AND PLACEMENT CU YD
MANHATTAN-MONEE								
14024+23.67		14024+50.00	36.55	31.07		10.65	20.42	12.17
14024+50.00		14025+00.00	95.24	80.95		32.08	48.87	37.54
14025+00.00		14025+50.00	89.16	75.79		52.68	23.11	45.58
14025+50.00		14025+88.00	73.72	62.66		22.93	39.73	16.73
14025+88.00		14026+00.00	26.19	22.26		6.84	15.42	3.12
14026+00.00		14026+50.00	102.46	87.09		63.11	23.98	38.16
14026+50.00		14027+00.00	115.12	97.85		69.15	28.70	44.49
14027+00.00		14027+50.00	165.81	140.94		101.47	39.47	52.31
14027+50.00		14028+00.00	196.07	166.66		171.88	-5.22	69.40
14028+00.00		14028+50.00	171.33	145.63		320.99	-175.36	87.29
14028+50.00		14028+56.97	22.64	19.24		62.60	-43.36	14.26
14028+56.97		14029+00.00	207.06	176.00		457.84	-281.84	77.25
14029+17.00		14029+50.00	109.77	93.30		281.18	-187.88	57.73
14029+50.00		14030+00.00	164.70	140.00		580.71	-440.72	114.22
14030+00.00		14030+50.00	151.01	128.36		384.95	-256.59	73.80
14030+50.00		14031+00.00	195.93	166.54		414.53	-247.99	54.41
14031+00.00		14031+50.00	269.12	228.75		732.96	-504.21	104.14
14031+50.00		14032+00.00	244.40	207.74		438.05	-230.31	75.48
14032+00.00		14032+50.00	178.21	151.48		38.01	113.47	9.38
14032+50.00		14032+86.00	79.49	67.57		76.73	-9.16	14.49
14032+86.00		14033+22.00	70.79	60.17		411.01	-350.84	45.65
14033+22.00		14033+50.00	82.33	69.98		665.35	-595.37	57.08
14033+50.00		14034+00.00	166.51	141.53		1474.56	-1333.03	132.85
14034+00.00		14034+50.00	152.99	130.04		1533.71	-1403.67	152.43
14034+50.00		14035+00.00	160.79	136.67		1590.45	-1453.78	151.20
14035+00.00		14035+50.00	156.52	133.04		1758.60	-1625.56	151.21
14035+50.00		14036+00.00	166.94	141.90		1959.60	-1817.70	162.17
14036+00.00		14039+00.00	0.00	0.00		0.00	0.00	0.00
14039+00.00		14039+50.00	205.89	175.01		1146.98	-971.97	132.43
14039+50.00		14040+00.00	195.58	166.24		1105.39	-939.15	119.89
14040+00.00		14040+50.00	156.89	133.36		966.22	-832.86	116.77
14040+50.00		14041+00.00	159.46	135.54		777.92	-642.38	106.88
14041+00.00		14041+50.00	112.55	95.67		476.69	-381.02	87.65
14041+50.00		14041+82.00	40.14	34.12		106.13	-72.01	34.49
14041+82.00		14042+31.00	89.33	75.93		47.08	28.85	24.77
14042+31.00		14042+60.00	98.48	83.71		106.66	-22.95	31.75
14042+60.00		14043+00.00	128.70	109.40		186.88	-77.49	51.53
14043+00.00		14043+50.00	88.89	75.56		99.68	-24.12	39.09
14043+50.00		14044+00.00	87.77	74.60		50.55	24.05	19.07
14044+00.00		14044+50.00	135.25	114.96		19.54	95.42	19.28
14044+50.00		14045+00.00	172.74	146.83		9.24	137.59	26.65
14045+00.00		14045+33.00	107.01	90.96	44.14	7.98	82.98	9.67
14045+33.00		14045+50.00	56.83	48.31	22.74	3.77	44.54	4.79
14045+50.00		14046+00.00	191.06	162.40	76.25	5.80	156.60	15.91
14046+00.00		14046+50.00	195.93	166.54	79.49	12.87	153.67	30.50
14046+50.00		14047+00.00	113.52	96.49	36.68	11.81	84.68	21.40
14047+00.00		14047+50.00	43.59	37.05		21.32	15.73	16.64
14047+50.00		14048+00.00	43.34	36.84		45.94	-9.10	34.27
14048+00.00		14048+50.00	54.09	45.98		35.86	10.12	33.82
14048+50.00		14049+00.00	55.05	46.79		17.19	29.60	29.60
14049+00.00		14049+50.00	45.19	38.41		13.57	24.84	25.06
14049+50.00		14050+00.00	37.60	31.96		10.38	21.58	14.08
14050+00.00		14050+50.00	26.87	22.84		5.81	17.03	2.43
14050+50.00		14050+81.74	6.84	5.81		1.49	4.32	0.00
		SUBTOTAL	6299	5355	259	19005	-13650	2903
RAMP A								
101+50.00		101+50.00	239.99	203.99		85.27	118.72	50.85
101+50.00		102+00.00	162.90	138.47		16.53	121.94	29.78
102+00.00		102+68.00	149.31	126.91		12.32	114.59	35.64
		SUBTOTAL	552	469	0	114	355	116

STATION	TO	STATION	EARTH EXCAVATION CU YD	AVAILABLE EXCAVATION ADJUSTED FOR SHRINKAGE CU YD	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL CU YD	EMBANKMENT CU YD	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) CU YD	TOPSOIL EXCAVATION AND PLACEMENT CU YD
RAMP B								
233+60.20		234+00.00	74.89	63.66		97.00	-33.34	28.22
234+00.00		234+50.00	206.81	175.79		280.85	-105.06	69.56
234+50.00		235+00.00	316.61	269.12		492.51	-223.39	104.08
235+00.00		235+50.00	360.61	306.52		654.21	-347.69	144.71
235+50.00		236+00.00	325.10	276.34		725.99	-449.66	155.77
236+00.00		236+50.00	337.30	286.71		830.76	-544.06	154.39
236+50.00		237+00.00	235.13	199.86		490.39	-290.53	95.57
237+00.00		237+27.34	36.20	30.77		35.50	-4.73	12.15
		SUBTOTAL	1893	1609	0	3607	-1998	764
RAMP C								
301+00.00		301+50.00	149.10	126.74		14.73	112.01	22.05
301+50.00		302+00.00	123.09	104.63		8.18	96.45	23.64
302+00.00		302+50.00	99.20	84.32		7.03	77.29	19.77
302+50.00		303+00.00	83.35	70.85		7.68	63.17	13.75
303+00.00		303+06.18	5.23	4.45		0.45	4.00	0.86
		SUBTOTAL	460	391	0	38	353	80
RAMP D								
415+59.92		416+00.00	102.19	86.86		18.78	68.08	29.16
416+00.00		416+50.00	150.64	128.04		54.88	73.16	40.69
416+50.00		417+00.00	161.27	137.08		79.46	57.62	47.67
417+00.00		417+50.00	153.16	130.19		58.29	71.90	47.17
417+50.00		418+00.00	146.72	124.71		54.87	69.84	44.41
418+00.00		418+50.00	137.57	116.93		51.80	65.13	37.65
418+50.00		418+90.00	54.58	46.39		14.67	31.72	12.19
		SUBTOTAL	906	770	0	333	437	259
I-57								
1355+36.58		1355+50.00	8.70	7.39		0.97	6.42	1.17
1355+50.00		1356+00.00	32.08	27.27		2.86	24.41	3.75
1356+00.00		1356+50.00	31.32	26.63		2.87	23.76	3.76
1356+50.00		1357+00.00	30.33	25.78		4.00	21.78	4.48
1357+00.00		1357+50.00	31.26	26.57		5.28	21.29	5.71
1357+50.00		1358+00.00	35.50	30.18		19.20	10.98	16.24
1358+00.00		1358+50.00	38.94	33.09		26.48	6.61	20.85
1358+50.00		1359+00.00	47.69	40.53		13.20	27.33	11.65
1359+00.00		1359+50.00	58.18	49.45		3.91	45.54	7.12
1359+50.00		1360+00.00	68.41	58.15		1.01	57.14	3.38
1360+00.00		1360+50.00	107.78	91.61		56.31	35.30	13.56
1360+50.00		1361+00.00	122.72	104.31		120.60	-16.29	29.56
1361+00.00		1361+50.00	105.44	89.62		128.06	-38.44	32.34
1361+50.00		1362+00.00	108.56	92.28		126.72	-34.44	32.69
1362+00.00		1362+50.00	113.97	96.87		121.44	-24.57	32.63
1362+50.00		1363+00.00	132.88	112.95		106.43	6.52	32.19
1363+00.00		1363+50.00	140.10	119.09		92.21	26.88	32.56
1363+50.00		1364+00.00	148.62	126.33		82.56	43.77	34.94
1364+00.00		1364+50.00	160.58	136.49		77.79	58.70	37.13
1364+50.00		1365+00.00	146.74	124.73		82.01	42.72	37.87
1365+00.00		1365+50.00	140.80	119.68		86.17	33.51	38.23
1365+50.00		1366+00.00	128.03	108.83		98.19	10.64	38.66
1366+00.00		1366+50.00	125.11	106.34		107.23	-0.89	39.11
1366+50.00		1367+00.00	129.02	109.67		96.05	13.62	39.61
1367+00.00		1367+50.00	111.49	94.77		87.04	7.73	39.62
1367+50.00		1368+00.00	116.11	98.69		86.17	12.52	39.15
1368+00.00		1368+50.00	113.90	96.82		66.14	30.68	36.18
1368+50.00		1369+00.00	75.98	64.58		35.31	29.27	28.06
1369+00.00		1369+50.00	95.83	81.46		27.13	54.33	35.25
1369+50.00		1370+00.00	95.51	81.18		29.30	51.88	33.50
1370+00.00		1370+50.00	54.77	46.55	17.64	36.09	10.46	26.34
1370+50.00		1371+00.00	54.04	45.93	17.63	48.86	-2.93	33.43
1371+00.00		1371+50.00	53.17	45.19	17.63	40.98	4.21	28.21
1371+50.00		1372+00.00	52.22	44.39	17.63	26.11	18.28	20.08
1372+00.00		1372+50.00	49.26	41.87	17.63	25.24	16.63	26.15

STATION	TO	STATION	EARTH EXCAVATION CU YD	AVAILABLE EXCAVATION ADJUSTED FOR SHRINKAGE CU YD	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL CU YD	EMBANKMENT CU YD	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) CU YD	TOPSOIL EXCAVATION AND PLACEMENT CU YD
I-57 (CONT.)								
1372+50.00		1373+00.00	74.28	63.14	17.63	23.83	39.31	43.40
1373+00.00		1373+50.00	76.55	65.07		22.13	42.94	38.83
1373+50.00		1374+00.00	51.53	43.80		24.14	19.66	29.55
1374+00.00		1374+50.00	55.04	46.78		23.92	22.86	32.43
1374+5								

F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	WILL	303	21
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
991182	R-389-11B-2	CONTRACT: 62253		

TREE REMOVAL (6 TO 15 UNITS DIAMETER) UNIT				
LOCATION	STATION	OFFSET (FT)		QUANTITY
MANHATTAN-				
MONEE ROAD				
	14032+73	75.98	LT	10
	14032+82	104.88	LT	12
	14032+88	62.39	LT	12
	14032+91	53.28	LT	10
	14033+03	62.89	LT	10
	14033+06	68.05	LT	12
	14033+44	83.67	LT	10
	14033+50	85.87	LT	10
	14033+60	84.85	LT	10
	14033+74	81.98	LT	10
	14033+83	81.68	LT	10
	14033+84	82.02	LT	15
	14033+90	75.94	LT	10
	14034+10	56.96	LT	10
	14034+59	89.51	RT	10
	14034+94	96.01	LT	10
	14034+95	66.94	LT	10
	14034+98	98.97	LT	10
	14035+05	58.33	LT	10
	14035+15	102.91	LT	10
	14035+65	84.97	RT	10
	14035+73	103.07	LT	10
	14035+74	94.43	LT	10
	14035+95	95.45	LT	10
	14036+00	90.44	LT	10
	14036+26	91.67	LT	10
	14036+28	70.19	LT	10
	14036+34	79.67	LT	10
	14038+64	85.49	RT	10
	14039+10	62.57	LT	10
	14039+15	75.95	LT	10
	14039+20	63.13	LT	10
	14039+23	73.31	LT	10
	14039+41	64.24	LT	10
	14039+49	62.07	LT	10
	14039+53	69.41	LT	10
	14039+72	61.71	LT	10
	14039+87	73.33	LT	10
	14041+31	82.48	RT	10
RAMP B				
	234+83	49.96	LT	10
	235+11	64.56	LT	10
	235+36	64.62	LT	10
	235+49	97.31	LT	10
	235+72	42.08	LT	12
	235+77	83.53	LT	10
	235+77	83.53	LT	10
	235+84	77.39	LT	10
	235+95	44.25	LT	10
	235+95	38.06	LT	7
	236+46	62.81	LT	10
	236+63	58.05	LT	10
	236+65	47.98	LT	10
TOTAL				530

TREE REMOVAL (OVER 15 UNITS DIAMETER) UNIT				
LOCATION	STATION	OFFSET (FT)		QUANTITY
MANHATTAN-				
MONEE ROAD				
	14029+38	56.87	LT	30
TOTAL				30

PAVED SHOULDER REMOVAL SO YD				
LOCATION	STATION	TO	STATION	QUANTITY
MANHATTAN-				
MONEE ROAD				
	14030+00	LT	14031+71	LT 45
	14030+59	RT	14032+08	RT 46
	14032+83	LT	14035+64	LT 72
	14033+17	RT	14036+36	RT 94
	14035+95	LT	14036+36	LT 18
	14038+49	RT	14041+96	RT 281
	14038+51	LT	14041+69	LT 90
RAMP A				
	100+21	RT	101+36	RT 33
	100+85	LT	101+36	LT 19
	101+91	RT	102+42	RT 63
	101+91	LT	102+42	LT 12
RAMP B				
	200+00	RT	225+00	RT 2835
	235+21	LT	237+43	LT 80
	235+21	RT	237+41	RT 105
RAMP C				
	300+01	RT	303+06	RT 283
	300+73	LT	303+06	LT 110
RAMP D				
	415+60	LT	419+05	LT 162
	415+60	RT	419+06	RT 453
I-57				
	1355+30	RT	1360+00	RT 221
TOTAL				5,022

AGGREGATE SHOULDERS, TYPE B 6" SO YD				
LOCATION	STATION	TO	STATION	QUANTITY
MANHATTAN-				
MONEE ROAD				
	14024+24	LT	14029+11	LT 220
	14024+24	RT	14025+72	RT 40
	14026+08	RT	14029+50	RT 189
	14029+50	RT	14030+31	RT 54
RAMP B				
	200+00	RT	215+00	RT 333
	215+00	RT	224+81	RT 218
	225+31	LT	228+79	LT 95
TOTAL				1,149

HOT-MIX ASPHALT SURFACE REMOVAL, 1" SO YD				
LOCATION	STATION	TO	STATION	QUANTITY
MANHATTAN-				
MONEE ROAD				
	14046+65		14050+82	2362
TOTAL				2,362

PAVEMENT REMOVAL SO YD				
LOCATION	STATION	TO	STATION	QUANTITY
MANHATTAN-				
MONEE ROAD				
	14024+23.67		14027+47	646
	14027+47		14036+32	3874
	14038+55		14046+65	3818
RAMP A				
	100+50		102+68	839
RAMP B				
	217+85		225+00	1399
	233+60		237+27	1048
RAMP C				
	300+50		303+06	676
RAMP D				
	415+60		418+90	800
I-57				
	1359+97		1355+37	336
TEMP. PAV'T				4312
TOTAL				17,948

HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4" SO YD				
LOCATION	STATION	TO	STATION	QUANTITY
MANHATTAN-				
MONEE ROAD				
	224+81		228+50	698
	228+50		233+60	943
TOTAL				1,641

COMBINATION CURB AND GUTTER REMOVAL FOOT				
LOCATION	STATION	TO	STATION	QUANTITY
MANHATTAN-				
MONEE ROAD				
	14030+82	LT	14032+25	190
	14043+46	RT	14050+82	772
	14043+61	LT	14045+74	204
	14046+18	LT	14046+89	117
	14047+33	LT	14050+82	402
TOTAL				1,685

HOT-MIX ASPHALT SHOULDERS, 8" SO YD				
LOCATION	STATION	TO	STATION	QUANTITY
MANHATTAN-				
MONEE ROAD				
	14024+24	LT	14029+08	161
	14024+24	RT	14029+50	160
	14029+50	RT	14030+32	35
	14030+55	LT	14032+66	97
	14032+66	RT	14033+05	408
	14038+55	RT	14041+56	307
TOTAL				1,168

HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 12 3/4" SO YD				
LOCATION	STATION	TO	STATION	QUANTITY
MANHATTAN-				
MONEE ROAD				
	1355+00		1385+00	6587
TOTAL				6587

POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 TON				
LOCATION	STATION	TO	STATION	QUANTITY
MANHATTAN-				
MONEE ROAD				
	14046+65		14050+82	225
RAMP B				
	225+00		233+60	129
TOTAL				354

HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 TON				
LOCATION	STATION	TO	STATION	QUANTITY
MANHATTAN-				
MONEE ROAD				
	14025+89	RT		9
	14025+90	LT		4
	14029+17	LT		25
	14043+83	RT		9
	14043+98	LT		9
	14045+33	RT		8
	14045+34	LT		7
TOTAL				71

CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT, 11" SO YD				
LOCATION	STATION	TO	STATION	QUANTITY
MANHATTAN-				
MONEE ROAD				
	14035+08	LT	14036+08	422
	14035+08	RT	14036+08	275
	14038+80	LT	14039+80	289
	14038+80	RT	14039+80	415
TOTAL				1401

PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED) SO YD				
LOCATION	STATION	TO	STATION	QUANTITY
MANHATTAN-				
MONEE ROAD				
	14024+23.67	LT	14029+50	LT 1055
	14024+23.67	RT	14029+50	RT 863
	14029+50		14035+08	3692
	14039+80		14044+50	3242
	14044+50		14046+65	1613
RAMP A				
	100+51		102+42	553
RAMP B				
	233+60		237+27	1386
RAMP C				
	301+50		302+50	669
RAMP D				
	415+60		418+90	1268
TOTAL				14340

PORTLAND CEMENT CONCRETE SHOULDERS 11" SO YD				
LOCATION	STATION	TO	STATION	QUANTITY
MANHATTAN-				
RAMP A				
	100+87	RT	102+42	RT 129
	101+29	LT	102+42	LT 50
RAMP B				
	223+60	LT	236+92	LT 142
	223+60	RT	236+87	RT 303
RAMP C				
	300+85	RT	303+06	RT 187
	301+29	LT	303+06	LT 79
RAMP D				
	415+60	LT	418+54	LT 127
	415+60	RT	418+54	RT 258
TOTAL				1,275

BRIDGE APPROACH PAVEMENT (SPECIAL) SO YD				
LOCATION	STATION	TO	STATION	QUANTITY
MANHATTAN-				
MONEE ROAD				
	14036+08		14036+38	230
	14038+50		14038+80	240
TOTAL				470

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-57 AT MANHATTAN - MONEE ROAD
SCHEDULE OF QUANTITIES
2 OF 3

Clark Dietz
ENGINEERS

DESIGN FIRM REGISTRATION
No. 184-000450
118 SOUTH CLINTON STREET
SUITE 600
CHICAGO, IL 60661
PHONE : 312.648.9900
FAX : 312.648.0204

SCALE: VERT. NTS
HORIZ. NTS
DATE 9/19/2008

DRAWN BY BDC
CHECKED BY TMW

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	WILL	303	22
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
+9911&21 R-3&9-11B-1-BR-2		CONTRACT: 62253		

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24					FOOT
LOCATION	STATION	TO	STATION	QUANTITY	
MANHATTAN-					
MONEE ROAD	14029+26 LT		14029+50 LT	28	
	14029+50 LT		14032+12 LT	279	
	14030+58 RT		14032+66 RT	241	
	14032+60 LT		14035+46 LT	309	
	14033+17 RT		14036+31 RT	366	
	14038+53 RT		14042+09 RT	380	
	14039+80 LT		14041+52 LT	224	
TOTAL					1,827

COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12					FOOT
LOCATION	STATION	TO	STATION	QUANTITY	
MANHATTAN-					
MONEE ROAD	14035+46 LT		14036+40 LT	94	
	14038+52 LT		14039+80 LT	128	
TOTAL					222

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT					SQ YD
LOCATION	STATION	TO	STATION	QUANTITY	
MANHATTAN-					
MONEE ROAD					
	14050+52		14050+82	142	
HAMILTON					
				71	
TOTAL					213

STEEL PLATE BEAM GUARD RAIL, TYPE A							FOOT
LOCATION	STATION	OFFSET (FT)	TO	STATION	OFFSET (FT)	QUANTITY	
MANHATTAN-							
MONEE ROAD	14026+53	23.28 LT		14028+53	30.49 LT	200	
	14028+14	25.67 RT		14030+32	82 RT	250	
	14038+63	37 RT		418+36	30 LT	225	
	14038+96	43.46 LT		301+51	25.18 LT	312.5	
RAMP A							
	101+29	8 RT		14030+58	82 RT	300	
	101+90	22.18 LT		14035+92	37 RT	375	
RAMP B							
	233+50	10.6 RT		14029+46	33.94 LT	625	
	235+46	30 LT		14036+26	43 LT	525	
RAMP D							
	418+13	18 RT		418+25	18 RT	12.5	
TOTAL							2,825

DRIVEWAY PAVEMENT REMOVAL			SQ YD
LOCATION	STATION	QUANTITY	
MANHATTAN-			
MONEE ROAD	14025+89 RT		103
	14029+17 LT		398
	14043+83 RT		133
	14043+98 LT		142
	14045+33 RT		122
	14045+34 LT		114
	14047+13 RT		156
TOTAL			1168

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.12					FOOT
LOCATION	STATION	TO	STATION	QUANTITY	
MANHATTAN-					
MONEE ROAD	14033+52 RT		14036+32 RT	281	
	14033+52 RT		14036+32 RT	281	
	14038+55 LT		14041+17 LT	262	
	14038+55 LT		14041+17 LT	262	
	14042+23 LT		14044+50 LT	227	
	14042+23 LT		14044+50 LT	228	
	14044+50 LT		14045+58 LT	108	
	14044+50 LT		14045+58 LT	108	
TOTAL					1757

COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12					FOOT
LOCATION	STATION	TO	STATION	QUANTITY	
MANHATTAN-					
MONEE ROAD	14026+58 LT		14029+50 LT	292	
	14026+58 RT		14029+50 RT	292	
	14029+50 LT		14032+37 LT	288	
	14029+50 RT		14032+37 RT	287	
TOTAL					1159

PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8"					SQ YD
LOCATION	STATION	TO	STATION	QUANTITY	
MANHATTAN-					
MONEE ROAD	14047+13			95	
TOTAL					95

AGGREGATE SUBGRADE						CU YD
LOCATION	STATION	TO	STATION	DEPTH	QUANTITY	
MANHATTAN-						
MONEE ROAD	14024+23.67 LT		14027+47 RT	12"	228	
	14024+23.67 RT		14027+47 LT	12"	197	
	14027+47 RT		14029+50	12"	152	
	14027+47 LT		14029+50	12"	192	
	14029+50		14036+35	12"	1756	
	14038+53		14044+50	12"	1492	
	14044+50		14046+65	12"	599	
RAMP A						
	101+00		102+00	12"	270	
RAMP B						
	200+00		215+00	14.25"	1192	
	215+00		224+81	14.25"	586	
	230+00		237+27	12"	649	
RAMP C						
	301+00		303+00	12"	340	
RAMP D						
	415+60		418+50	12"	584	
TOTAL						8237

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18					FOOT
LOCATION	STATION	TO	STATION	QUANTITY	
MANHATTAN-					
MONEE ROAD	14042+04 LT		14044+50 LT	261	
	14042+57 RT		14044+50 RT	122	
	14044+50 LT		14046+87 LT	277	
	14044+50 RT		14045+76 RT	137	
	14046+05 RT		14050+82 RT	487	
	14047+33 LT		14050+82 LT	398	
TOTAL					1,682

CONCRETE MEDIAN SURFACE, 6 INCH					SQ FT
LOCATION	STATION	TO	STATION	QUANTITY	
MANHATTAN-					
MONEE ROAD	14026+50		14032+37	8518	
	14032+50		14036+32	759	
	14038+55		14042+23	700	
	14044+60		14045+58	353	
TOTAL					10330

SUB-BASE GRANULAR MATERIAL, TYPE B, 4"					SQ YD
LOCATION	STATION	TO	STATION	QUANTITY	
MANHATTAN-					
MONEE ROAD					
	14046+65 LT		14050+82 LT	107	
	14046+65 RT		14050+82 RT	410	
TOTAL					517

TEMPORARY PAVEMENT					SQ YD
LOCATION	STATION	TO	STATION	QUANTITY	
MANHATTAN-					
MONEE ROAD	STAGE I				
	14019+55 RT		14030+24 RT	1361	
	14030+80 RT		14032+43 RT	69	
	14033+25 RT		14036+24 RT	247	
	14038+53 RT		14042+23 RT	971	
	14042+39 RT		14045+28 RT	306	
STAGE IIA					
	14029+64 LT		14031+93 LT	138	
	14032+56 LT		14036+35 LT	581	
	14038+82 LT		14041+59 LT	213	
	14042+13 LT		14045+67 LT	259	
	14046+68 LT		14046+89 LT	16	
	14047+30 LT		14049+00 LT	43	
STAGE IIB					
	14035+08 LT		14036+08 LT	44	
	106+28 LT		108+09 LT	64	
TOTAL					4312

STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2"					SQ YD
LOCATION	STATION	TO	STATION	QUANTITY	
RAMP A					
	100+51		102+42	617	
RAMP B					
	223+60		237+27	1513	
RAMP C					
	300+50		303+06	647	
RAMP D					
	415+60		418+90	1382	
TOTAL					4159

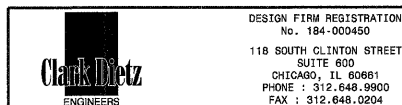
HOT-MIX ASPHALT BASE COURSE, 8"					SQ YD
LOCATION	STATION	TO	STATION	QUANTITY	
MANHATTAN-					
MONEE ROAD	14025+89 RT			83	
	14025+90 LT			34	
	14029+17 LT			218	
	14043+83 RT			78	
	14043+98 LT			84	
	14045+33 RT			68	
	14045+34 LT			58	
TOTAL					623

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-57 AT MANHATTAN - MONEE ROAD
 SCHEDULE OF QUANTITIES
 3 OF 3

SCALE: VERT. NTS
 HORIZ. NTS
 DATE 9/19/2008

DRAWN BY BDC
 CHECKED BY TMW



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 8/17/2008

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	24
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
9911(2) R-389-1B-1-BR-2		CONTRACT: 62253		

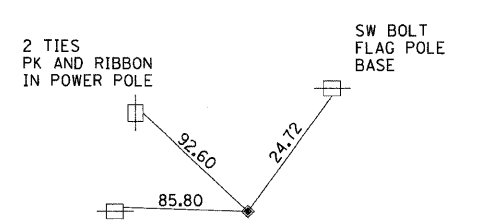
HORIZONTAL CONTROL POINT DATA

POINT NUMBER	COORDINATE		LOCATION ALONG ALIGNMENT				
	NORTH	EAST	MANHATTAN-MONEE ROAD I-57	RAMP A	RAMP B	RAMP C	RAMP D
2	1,734,269.04	1,139,635.02	14017+45.50, 15.63' LT				
3	1,734,307.50	1,141,508.01	14036+18.87, 19.02' LT				
4	1,734,252.37	1,139,579.82	14016+89.99, 0.00' (POT)				
5	1,734,240.04	1,140,053.95	14021+63.81, 21.20' RT				
6	1,734,280.52	1,141,119.42	14032+29.84, 0.68' RT	100+00.59, 0.34' RT	237+62.02, 0.00' (POT)		
7	1,734,290.69	1,141,633.91	14037+44.44, 0.15' RT	1348+92.47, 0.55' LT			
8	1,734,300.06	1,142,128.94	14042+39.55, 0.05' RT				419+23.82, 0.00' (POT)
9	1,734,271.80	1,142,983.97	14050+93.91, 44.30' RT				
10	1,734,351.23	1,144,859.64	14069+70.73, 0.00' (POT)				
11	1,734,947.08	1,141,739.31				307+49.99, 28.10' LT (PI CC211C1)	
12	1,736,162.06	1,141,763.01				319+59.95, 0.00' (POT)	
13	1,738,127.98	1,141,783.45		1387+32.67, 0.00' (POT)			
14	1,738,108.65	1,141,726.05		1387+11.12, 56.59' RT			
15	1,737,491.98	1,141,692.82			204+04.90, 2.75' LT		
16	1,736,981.64	1,141,672.87			209+15.63, 2.64' LT		
17	1,736,276.96	1,141,642.45			216+20.96, 0.38' RT		
18	1,736,112.65	1,141,648.45			217+84.49, 12.00' LT		
19	1,735,184.42	1,141,563.15			227+08.14, 38.70' LT (PI CB211C1)		
20	1,733,601.09	1,141,526.42		107+87.51, 27.46' LT (PI CA211C1)			
21	1,732,449.74	1,141,505.89		119+33.95, 0.00' (POT)			
22	1,732,379.05	1,141,558.59		1329+79.35, 0.00' (POT)			
23	1,732,511.84	1,141,620.20					400+00.00, 0.00' (POT)
24	1,733,419.86	1,141,704.58					409+04.56, 35.30' LT (PI CD211C1)
25	1,734,242.65	1,141,112.39			100+29.47, 25.82' RT		
26	1,734,717.75	1,141,147.19				233+23.36, 11.88' RT	
27	1,734,691.22	1,141,110.53				233+60.20, 35.30' RT (PI CB211C2)	
28	1,734,270.32	1,142,099.27					418+94.53, 30.10' LT
29	1,733,820.36	1,142,062.80					414+33.56, 8.54' RT
30	1,733,909.62	1,142,134.70					415+41.17, 32.00' RT (PI CD211C2)

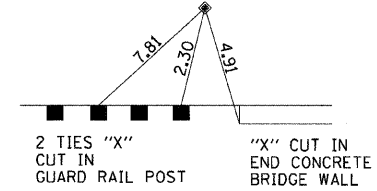
BENCHMARKS

BM#1	"□" CUT IN 3' HDW IN S.W. QUAD. OF I-57 & MANHATTAN MONEE RD	Elev. 780.74
BM#2	"□" CUT IN BRIDGE WALL S.W. CORNER OF BRIDGE MONEE ROAD OF I-57	Elev. 804.20
BM#3	"□" CUT IN CONC BASE L.P. IN N.W. QUAD OF WEST RAMPS	Elev. 794.84
BM#4	IRON ROD IN C-C MONEE ROAD & RIDGELAND	Elev. 783.22
BM#5	"□" CUT IN CONC. BASE OF L.P. IN N.E. QUAD OF EAST RAMPS OF I-57 & MONEE ROAD	Elev. 796.46
BM#6	"X" IN S.W. BOLT FIRE HYDRANT S. SIDE MONEE ROAD BETWEEN IRON SKILLET & SUPER 8	Elev. 785.55
BM#7	"□" CONC. BASE OF L.P. IN GRASS MEDIAN OF I-57 *MCD1 ±800' N. OF MONEE ROAD BRIDGE	Elev. 774.72
BM#8	"□" CUT IN CONC BASE OF L.P. IN GRASS MEDIAN I-57 *MCD2 1400 N OF MONEE ROAD BRIDGE	Elev. 777.30
BM#9	8" SPIKE IN W SHOULDER OF S.B. I-57	Elev. 782.20
BM#10	PK NAIL IN W. SHOULDER OF S.B I-57	Elev. 785.75
BM#11	PK NAIL IN W. SHOULDER OF S.B I-57	Elev. 784.74
BM#12	"□" IN CONC SIGN BASE W. SIDE I-57 ±3800' OF MONEE ROAD	Elev. 777.17

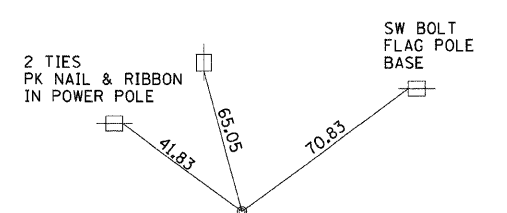
HORIZONTAL CONTROL POINTS



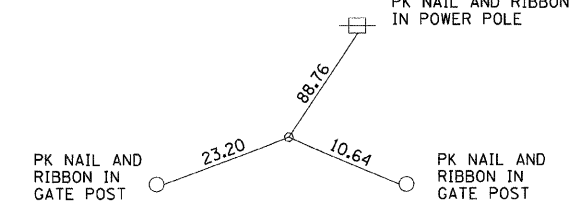
8" SPIKE NE CORNER OF RIDGELAND AND MONEE ROAD
HORIZONTAL CONTROL POINT NO. 2



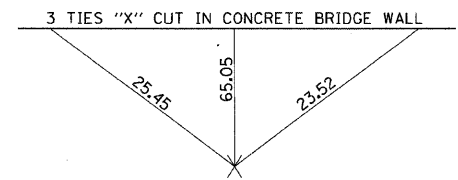
8" SPIKE IN GRASS IN NW QUADRANT OF BRIDGE AT I-57 AND MONEE
HORIZONTAL CONTROL POINT NO. 3



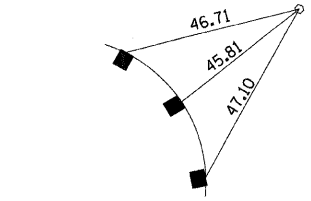
IRON ROD C-C RIDGELAND AND MANHATTAN - MONEE ROAD
HORIZONTAL CONTROL POINT NO. 4



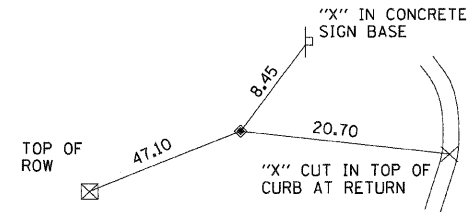
PK NAIL IN ENTRANCE TO NURSERY SOUTH SIDE MONEE ROAD
HORIZONTAL CONTROL POINT NO. 5



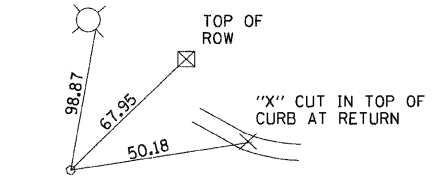
"X" CUT IN C-C IN CONCRETE BRIDGE I-57 AND MONEE ROAD
HORIZONTAL CONTROL POINT NO. 7



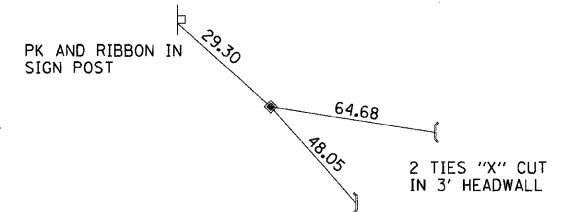
PK NAIL C-C EAST RAMPS AND MONEE ROAD
HORIZONTAL CONTROL POINT NO. 8



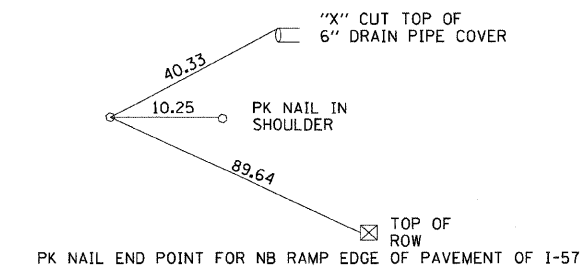
8" SPIKE IN GRASS NEAR ENTRANCE TO IRON SKILLET RESTAURANT
HORIZONTAL CONTROL POINT NO. 9



PK NAIL C-C MONEE ROAD AND EGYPTIAN TRAIL TOP SPINDLE FIRE HYDRANT
HORIZONTAL CONTROL POINT NO. 10



8" SPIKE PI FOR NB ENTRANCE RAMP TO I-57
HORIZONTAL CONTROL POINT NO. 11



PK NAIL END POINT FOR NB RAMP EDGE OF PAVEMENT OF I-57
HORIZONTAL CONTROL POINT NO. 12

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-57 AT MANHATTAN - MONEE ROAD
ALIGNMENT, TIES, AND BENCHMARKS
2 OF 3
SCALE: VERT. NTS
HORIZ. NTS
DATE 9/19/2008
DRAWN BY ML, NS
CHECKED BY TMW

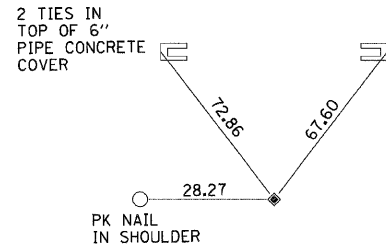
Clark Dietz
ENGINEERS
DESIGN FIRM REGISTRATION No. 184-000450
118 SOUTH CLINTON STREET SUITE 600
CHICAGO, IL 60661
PHONE : 312.648.9900
FAX : 312.648.0204

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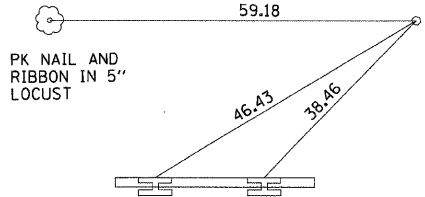
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57		WILL	303	25
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
+99162) R-389-110-1-BR-2		CONTRACT: 62253		



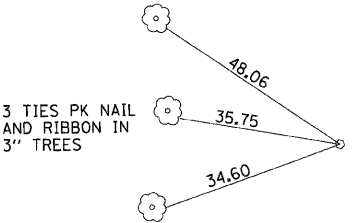
HORIZONTAL CONTROL POINTS



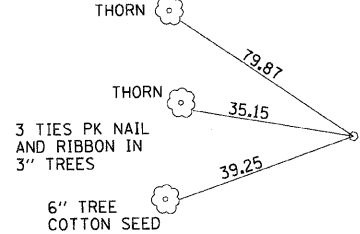
8" SPIKE IN C I-57 NORTH END POINT IN GRASS MEDIAN
HORIZONTAL CONTROL POINT NO. 13



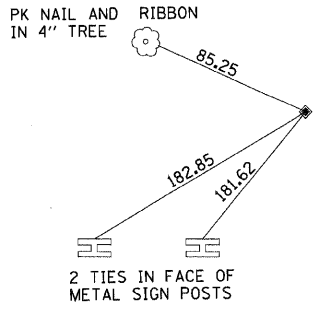
PK NAIL IN WEST EDGE OF PAVEMENT I-57 SB END POINT FOR SB EXIT RAMP TO MONEE ROAD
HORIZONTAL CONTROL POINT NO. 14



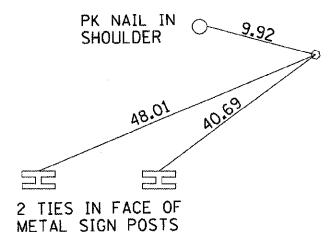
PK NAIL IN WEST SHOULDER OF SB I-57
HORIZONTAL CONTROL POINT NO. 15



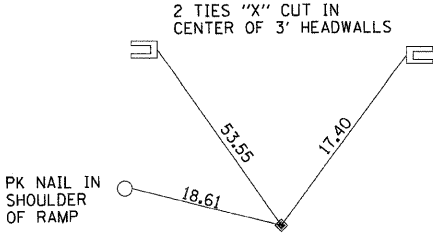
PK NAIL IN WEST SHOULDER OF SB I-57
HORIZONTAL CONTROL POINT NO. 16



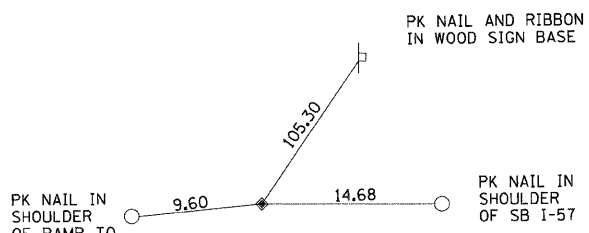
8" SPIKE IN GRASS NEAR WEST SHOULDER SB I-57
HORIZONTAL CONTROL POINT NO. 17



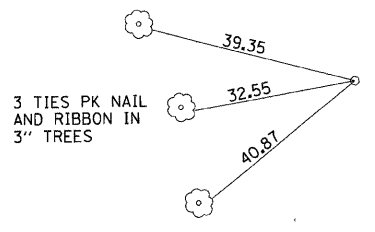
PK NAIL IN WEST EDGE OF PAVEMENT OF I-57 SB AND POINT OF SB EXIT RAMP
HORIZONTAL CONTROL POINT NO. 18



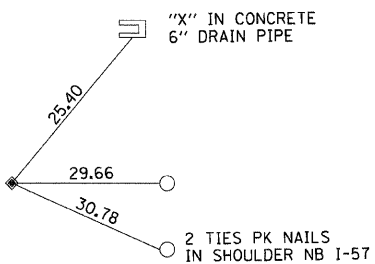
8" SPIKE IN GRASS PI FOR RAMP SB EXIT OF I-57 TO MONEE RD
HORIZONTAL CONTROL POINT NO. 19



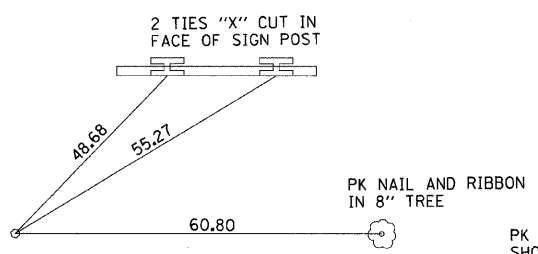
8" SPIKE IN GRASS PI FOR ENTRANCE RAMP FOR SB I-57
HORIZONTAL CONTROL POINT NO. 20



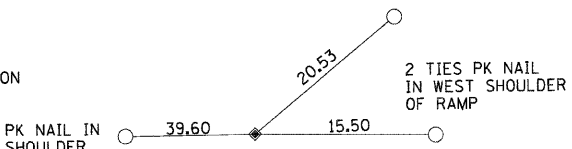
PK NAIL IN EDGE OF PAVEMENT I-57 SB BEGIN POINT FOR SB ENTRANCE RAMP I-57
HORIZONTAL CONTROL POINT NO. 21



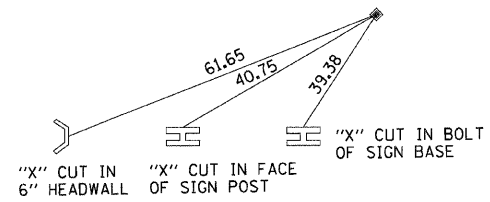
8" SPIKE IN CENTER GRASS MEDIAN I-57 BEGIN POINT
HORIZONTAL CONTROL POINT NO. 22



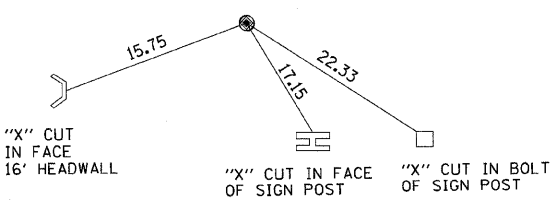
PK NAIL IN EAST EDGE OF PAVEMENT I-57 NB BEGIN POINT FOR NB EXIT RAMP TO MONEE RD.
HORIZONTAL CONTROL POINT NO. 23



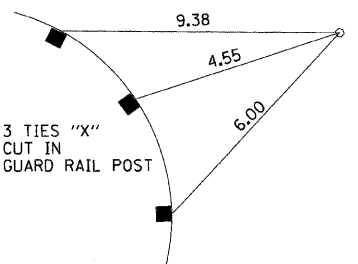
8" SPIKE IN GRASS PI FOR NB EXIT RAMP TO MONEE RD FROM I-57
HORIZONTAL CONTROL POINT NO. 24



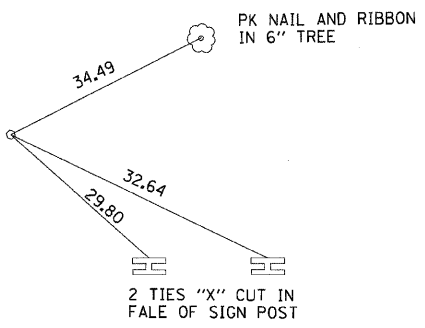
8" SPIKE IN WEST SHOULDER IN SB EXIT RAMP FROM I-57 TO MONEE ROAD
HORIZONTAL CONTROL POINT NO. 26



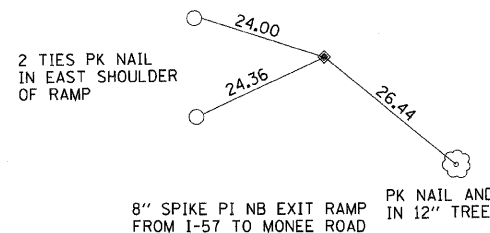
8" SPIKE IN GRASS PI FOR SB EXIT RAMP FROM I-57 TO MONEE ROAD
HORIZONTAL CONTROL POINT NO. 27



PK NAIL IN BIT SHOULDER OF EXIT RAMP EAST SIDE I-57
HORIZONTAL CONTROL POINT NO. 28



PK NAIL IN EAST SHOULDER OF NB EXIT RAMP FROM I-57 TO MONEE ROAD
HORIZONTAL CONTROL POINT NO. 29



8" SPIKE PI NB EXIT RAMP FROM I-57 TO MONEE ROAD
HORIZONTAL CONTROL POINT NO. 30

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-57 AT MANHATTAN - MONEE ROAD
ALIGNMENT, TIES, AND BENCHMARKS
3 OF 3

SCALE: VERT. NTS
HORIZ. NTS
DATE 9/19/2008
DRAWN BY ML, NS
CHECKED BY TMW

Clark Dietz
ENGINEERS

DESIGN FIRM REGISTRATION No. 184-009450
118 SOUTH CLINTON STREET SUITE 800
CHICAGO, IL 60661
PHONE : 312.648.9900
FAX : 312.648.0204

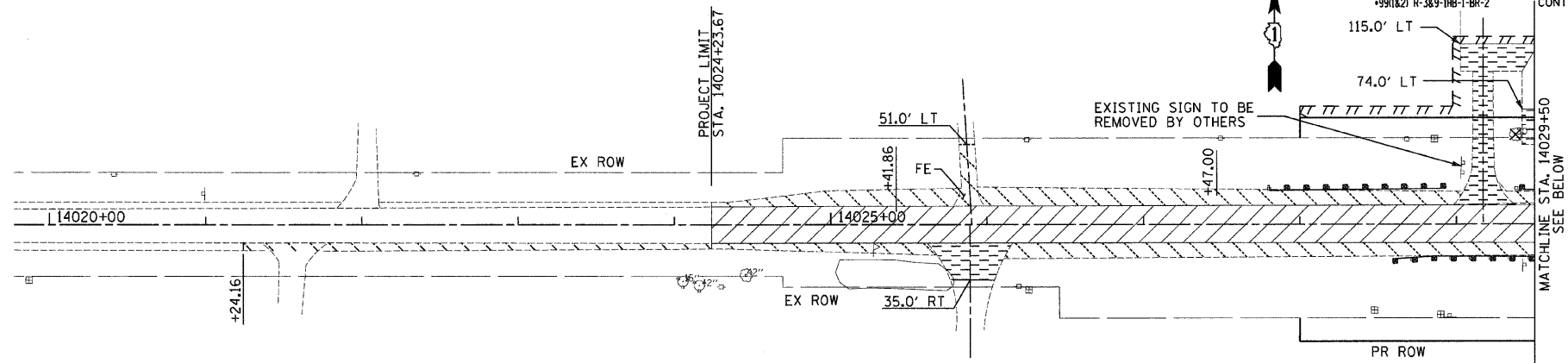
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	26

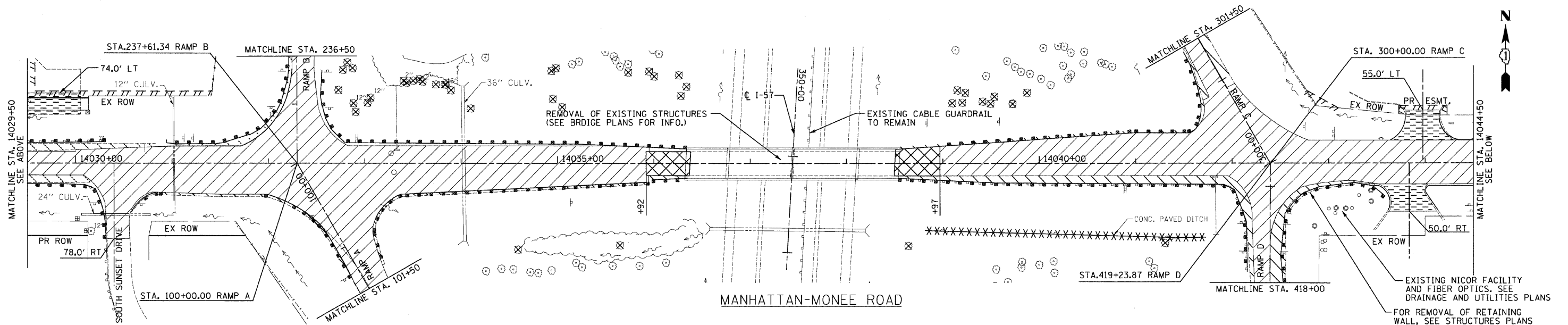
STA. TO STA.
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
 +99(1&2) R-389-1HB-1-BR-2 CONTRACT: 62253

- LEGEND**
- PAVEMENT REMOVAL
 - PAVED SHOULDER REMOVAL
 - BRIDGE APPROACH PAVEMENT REMOVAL
 - CONCRETE CURB AND GUTTER REMOVAL
-SEE TYPICAL SECTIONS FOR LOCATION OF TYPE AND SIZE
 - DRIVEWAY PAVEMENT REMOVAL
 - HOT-MIX ASPHALT PAVEMENT REMOVAL
-SEE TYPICAL SECTIONS FOR REMOVAL DEPTH
 - PAVED DITCH REMOVAL
 - GUARDRAIL REMOVAL
 - TREE REMOVAL, IN. DIA.
 - AGGREGATE SHOULDER REMOVAL
-TO BE INCLUDED IN THE UNIT PRICE FOR EARTH EXCAVATION

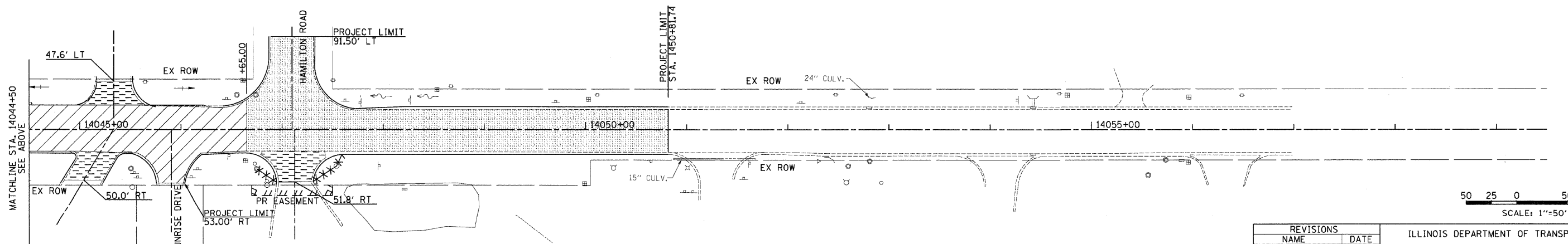
- NOTES:**
- 1) SEE DRAINAGE PLAN FOR DRAINAGE STRUCTURE AND SYSTEM REMOVAL
 - 2) SEE BRIDGE PLAN FOR ALL BRIDGE RELATED REMOVAL
 - 3) SEE GENERAL NOTES FOR SPECIAL AND HAZARDOUS WASTE REMOVAL



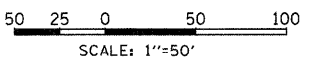
MANHATTAN-MONEE ROAD



MANHATTAN-MONEE ROAD



MANHATTAN-MONEE ROAD



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-57 AT MANHATTAN - MONEE ROAD
 EXISTING CONDITIONS
 MANHATTAN - MONEE ROAD
 SCALE: VERT. NTS
 HORIZ. 1"=50'
 DATE 9/19/2008
 DRAWN BY BDC, GH
 CHECKED BY TMW











Clark Dietz
 ENGINEERS

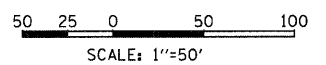
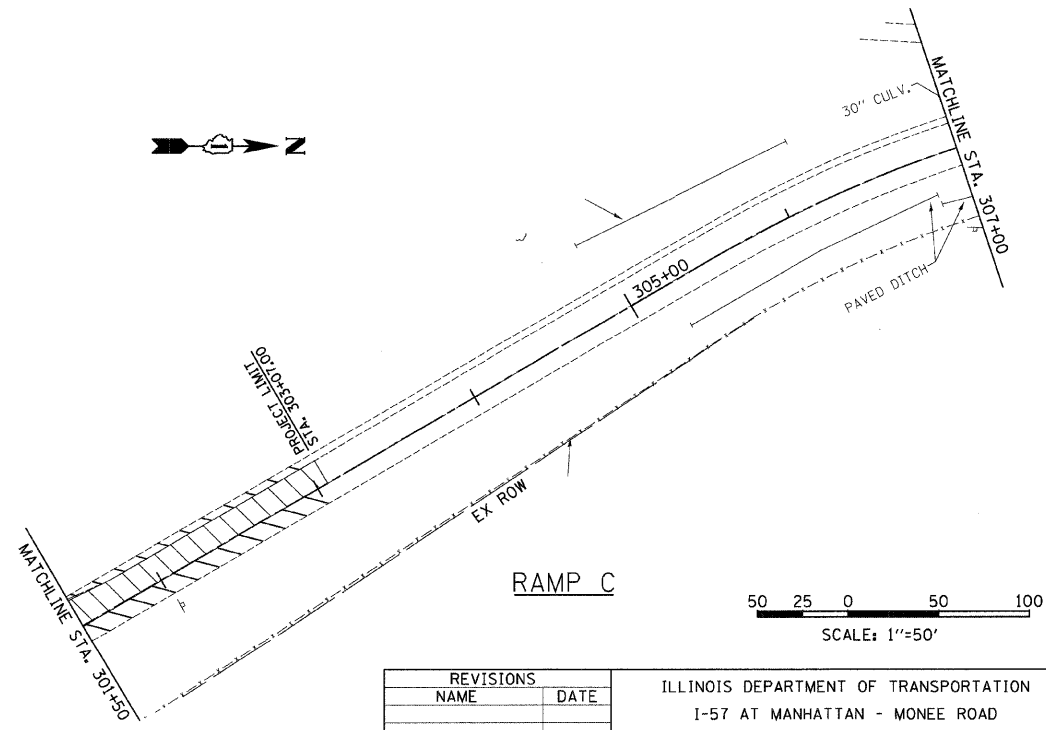
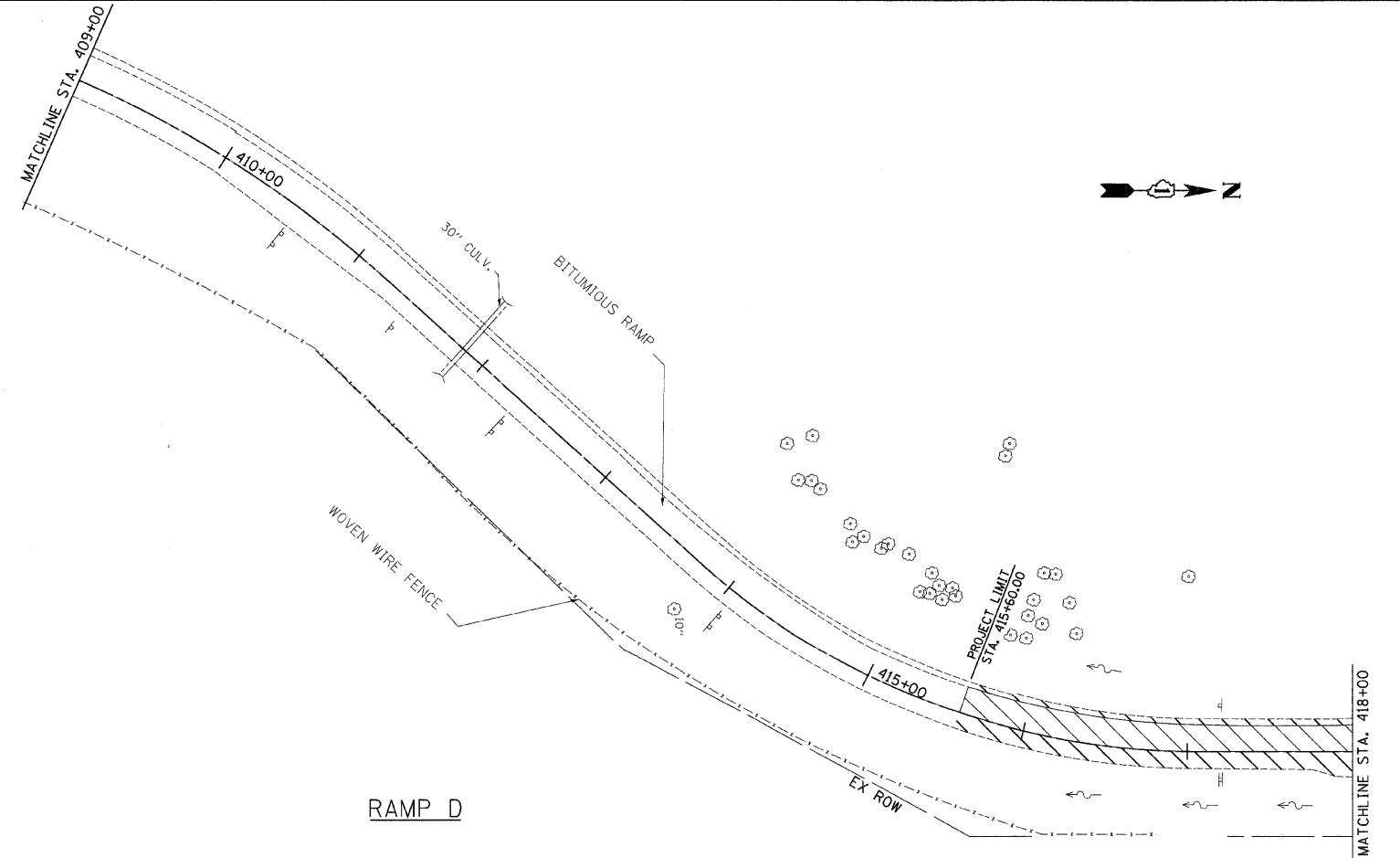
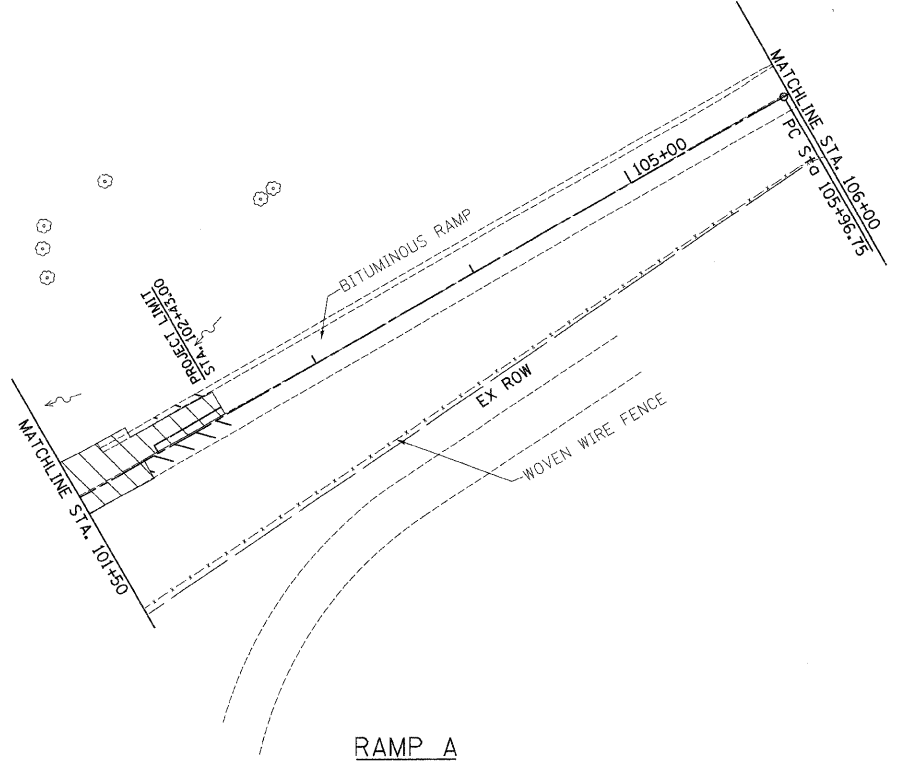
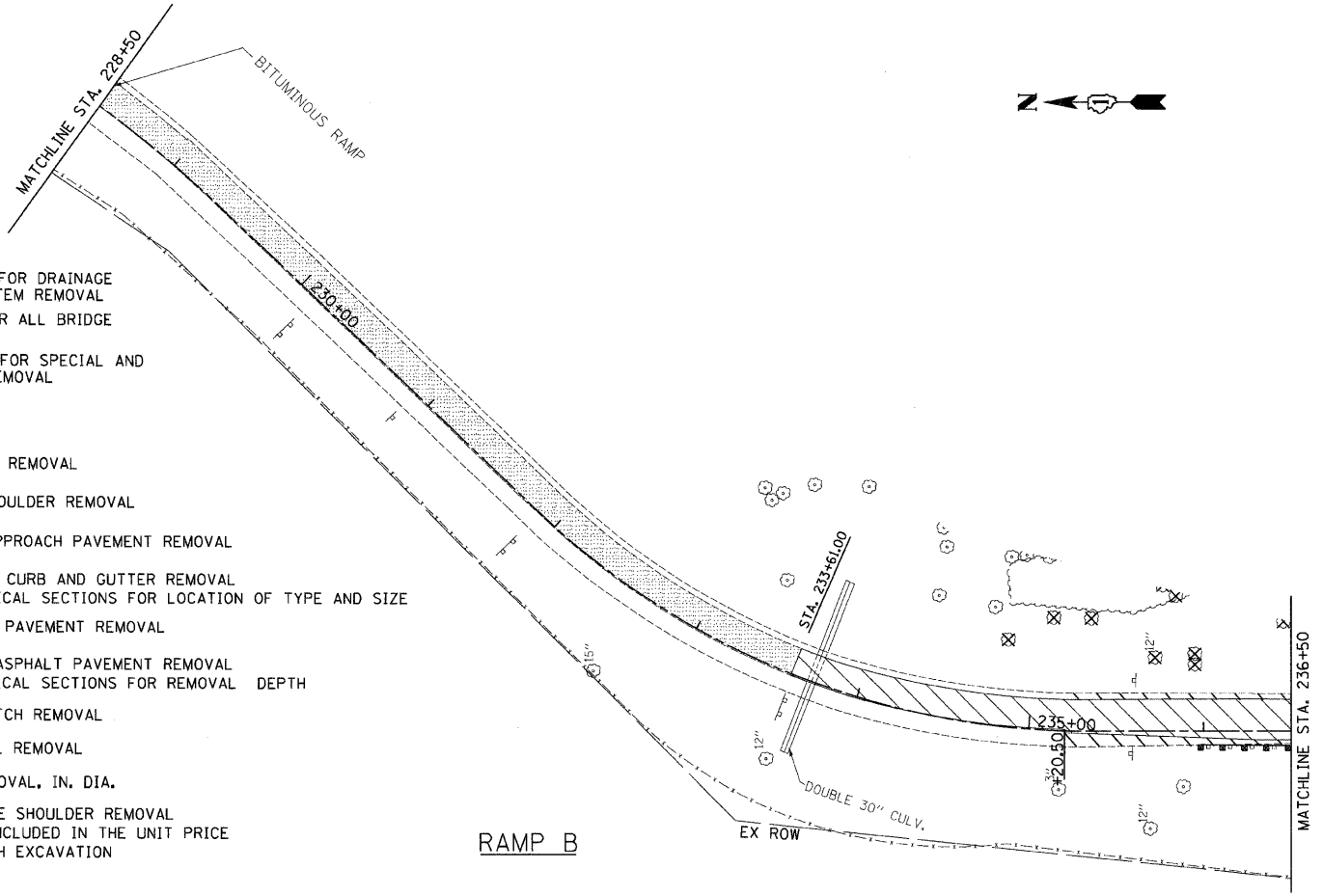
DESIGN FIRM REGISTRATION
 No. 184-000450
 118 SOUTH CLINTON STREET
 SUITE 800
 CHICAGO, IL 60661
 PHONE : 312.648.9900
 FAX : 312.648.0204

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 8/1/2008

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57		WILL	303	27
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
+9911&2) R-389-11B-1-BR-2		CONTRACT: 62253		

- NOTES:**
- 1) SEE DRAINAGE PLAN FOR DRAINAGE STRUCTURE AND SYSTEM REMOVAL
 - 2) SEE BRIDGE PLAN FOR ALL BRIDGE RELATED REMOVAL
 - 3) SEE GENERAL NOTES FOR SPECIAL AND HAZARDOUS WASTE REMOVAL

- LEGEND**
-  PAVEMENT REMOVAL
 -  PAVED SHOULDER REMOVAL
 -  BRIDGE APPROACH PAVEMENT REMOVAL
 -  CONCRETE CURB AND GUTTER REMOVAL
-SEE TYPICAL SECTIONS FOR LOCATION OF TYPE AND SIZE
 -  DRIVEWAY PAVEMENT REMOVAL
 -  HOT-MIX ASPHALT PAVEMENT REMOVAL
-SEE TYPICAL SECTIONS FOR REMOVAL DEPTH
 -  PAVED DITCH REMOVAL
 -  GUARDRAIL REMOVAL
 -  TREE REMOVAL, IN. DIA.
 -  AGGREGATE SHOULDER REMOVAL
-TO BE INCLUDED IN THE UNIT PRICE FOR EARTH EXCAVATION



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-57 AT MANHATTAN - MONEE ROAD

EXISTING CONDITIONS
RAMPS A, B, C AND D

SCALE: VERT. NTS
HORIZ. 1"=50'
DATE 9/19/2008

DRAWN BY BDC, GH
CHECKED BY TMW











Clark Dietz
ENGINEERS

DESIGN FIRM REGISTRATION
No. 184-000450

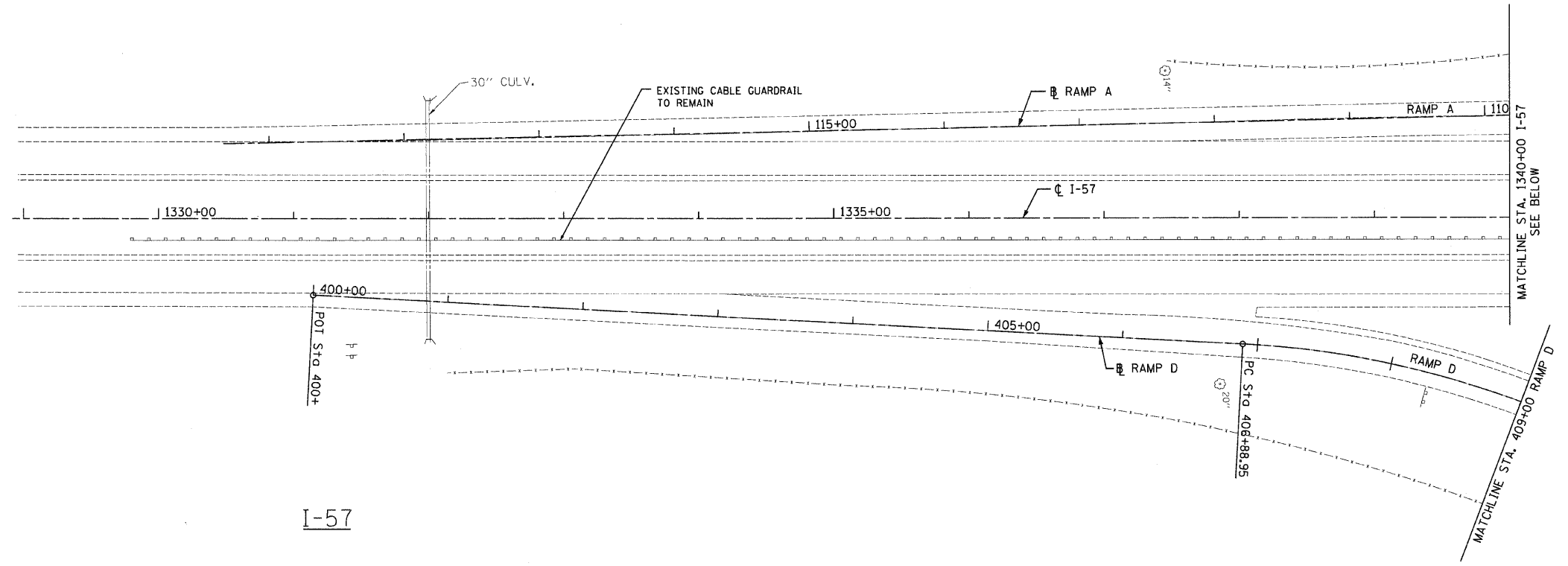
118 SOUTH CLINTON STREET
SUITE 800
CHICAGO, IL 60661
PHONE : 312.648.9900
FAX : 312.648.0204

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 8/17/2008

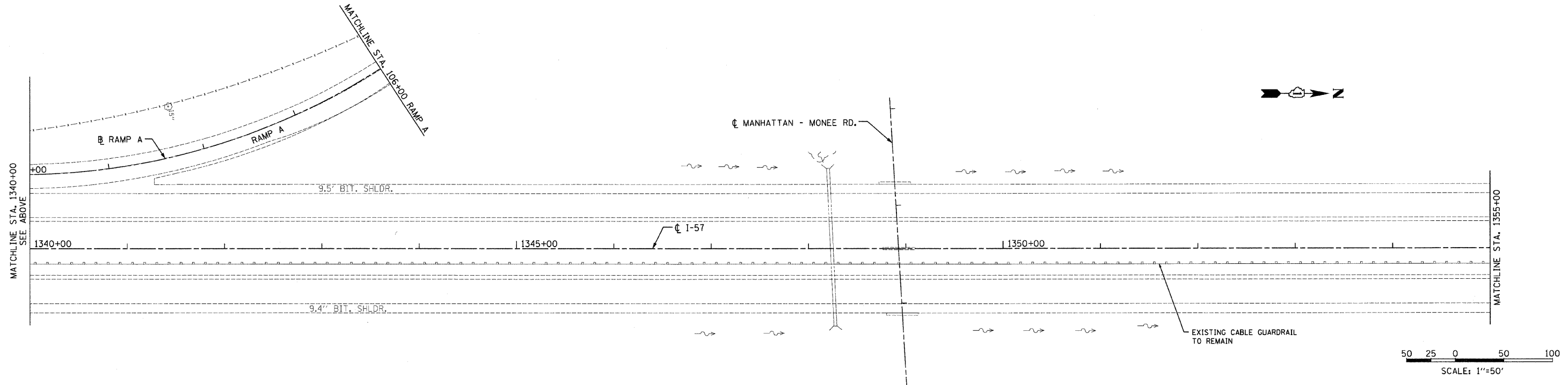
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	.	WILL	303	28
STA. **		TO STA. **		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
+99(182) R-389-1B-1-BR-2		CONTRACT: 62253		
**1-57 STA. 1330+00 TO STA. 1355+00		RAMP A STA. 106+00 TO STA. 119+33.95		
RAMP D STA. 400+00 TO STA. 409+00				

- LEGEND**
-  PAVEMENT REMOVAL
 -  PAVED SHOULDER REMOVAL
 -  BRIDGE APPROACH PAVEMENT REMOVAL
 -  CONCRETE CURB AND GUTTER REMOVAL
-SEE TYPICAL SECTIONS FOR LOCATION OF TYPE AND SIZE
 -  DRIVEWAY PAVEMENT REMOVAL
 -  HOT-MIX ASPHALT PAVEMENT REMOVAL
-SEE TYPICAL SECTIONS FOR REMOVAL DEPTH
 -  PAVED DITCH REMOVAL
 -  GUARDRAIL REMOVAL
 -  TREE REMOVAL, IN. DIA.
 -  AGGREGATE SHOULDER REMOVAL
-TO BE INCLUDED IN THE UNIT PRICE FOR EARTH EXCAVATION

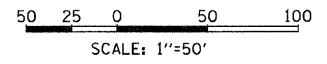
- NOTES:**
- 1) SEE DRAINAGE PLAN FOR DRAINAGE STRUCTURE AND SYSTEM REMOVAL
 - 2) SEE BRIDGE PLAN FOR ALL BRIDGE RELATED REMOVAL
 - 3) SEE GENERAL NOTES FOR SPECIAL AND HAZARDOUS WASTE REMOVAL



I-57



I-57



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-57 AT MANHATTAN - MONEE ROAD
 EXISTING CONDITIONS
 I-57
 STA. 1329+00 TO STA. 1355+00
 SCALE: VERT. NTS
 HORIZ. 1"=50'
 DATE 9/19/2008
 DRAWN BY BDC, GH
 CHECKED BY TMW

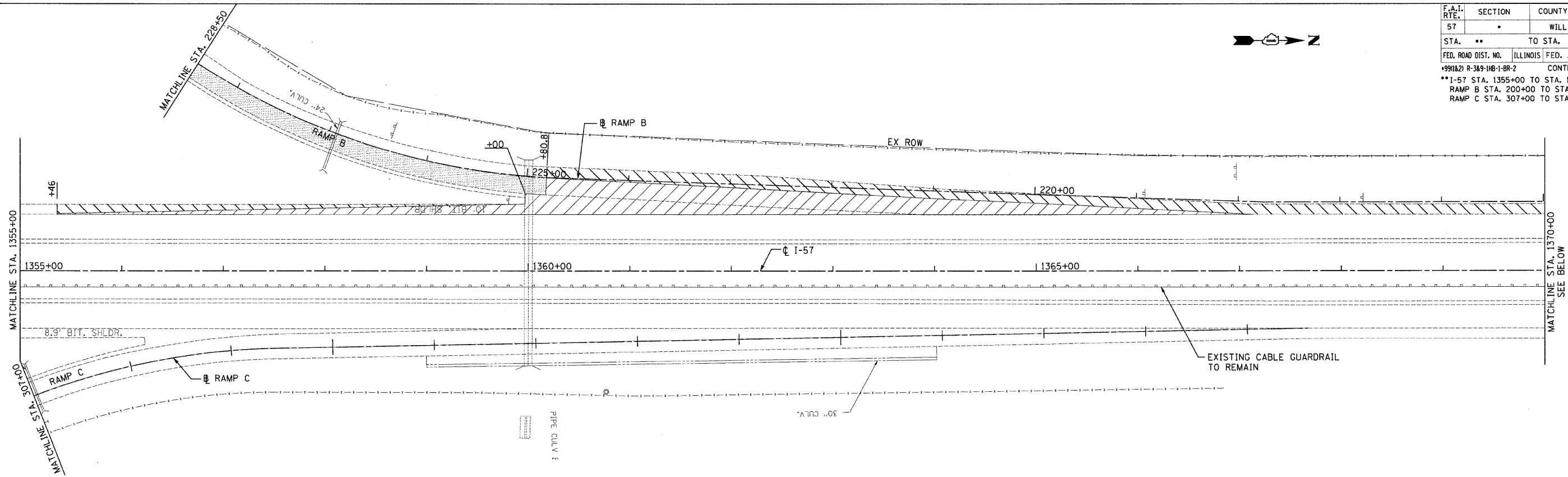
Clark Dietz
 ENGINEERS

DESIGN FIRM REGISTRATION
 No. 184-000450

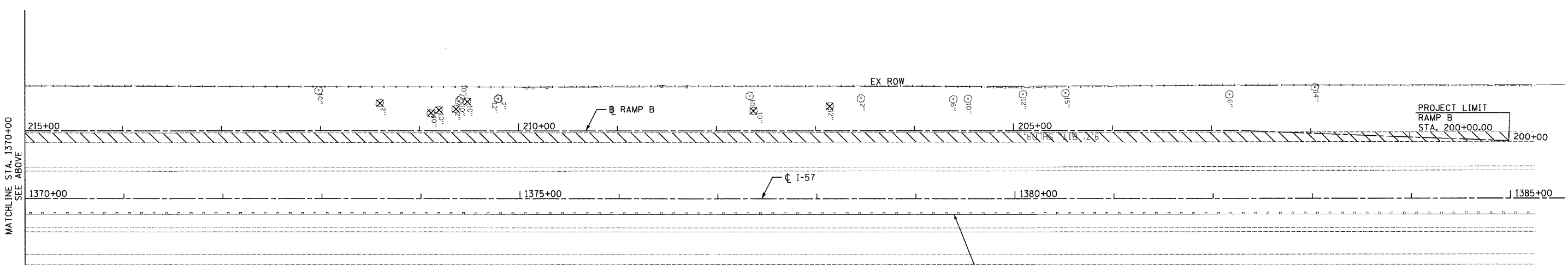
118 SOUTH CLINTON STREET
 SUITE 600
 CHICAGO, IL 60661
 PHONE : 312.648.9900
 FAX : 312.648.0204

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 8/17/2008

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	29
STA. ** TO STA. **		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO.		CONTRACT: 62253		
*991&2) R-389-1H8-1-BR-2		** I-57 STA. 1355+00 TO STA. 1365+00		
		RAMP B STA. 200+00 TO STA. 226+00		
		RAMP C STA. 307+00 TO STA. 319+59.95		

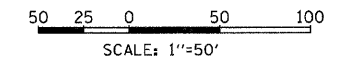


I-57



LEGEND	
	PAVEMENT REMOVAL
	PAVED SHOULDER REMOVAL
	BRIDGE APPROACH PAVEMENT REMOVAL
	CONCRETE CURB AND GUTTER REMOVAL -SEE TYPICAL SECTIONS FOR LOCATION OF TYPE AND SIZE
	DRIVEWAY PAVEMENT REMOVAL
	HOT-MIX ASPHALT PAVEMENT REMOVAL -SEE TYPICAL SECTIONS FOR REMOVAL DEPTH
	PAVED DITCH REMOVAL
	GUARDRAIL REMOVAL
	TREE REMOVAL, IN. DIA.
	AGGREGATE SHOULDER REMOVAL -TO BE INCLUDED IN THE UNIT PRICE FOR EARTH EXCAVATION

- NOTES:**
- 1) SEE DRAINAGE PLAN FOR DRAINAGE STRUCTURE AND SYSTEM REMOVAL
 - 2) SEE BRIDGE PLAN FOR ALL BRIDGE RELATED REMOVAL
 - 3) SEE GENERAL NOTES FOR SPECIAL AND HAZARDOUS WASTE REMOVAL



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-57 AT MANHATTAN - MONEE ROAD
 EXISTING CONDITIONS
 I-57
 STA. 1355+00 TO STA. 1385+25
 SCALE: VERT. NTS
 HORIZ. 1"=50'
 DATE 9/19/2008
 DRAWN BY BDC, GH
 CHECKED BY TMW

Clark Dietz
 ENGINEERS
 DESIGN FIRM REGISTRATION
 No. 184-000450
 118 SOUTH CLINTON STREET
 SUITE 600
 CHICAGO, IL 60661
 PHONE : 312.648.9900
 FAX : 312.648.0204

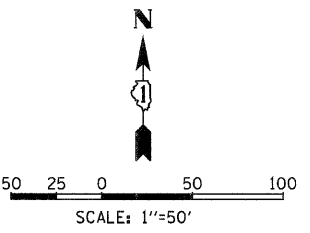
I-57

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 8/1/2008

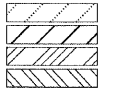
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57		WILL	303	30
STA. 14024+23.67 TO STA. 14029+50				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
991(82) R-383-1B-1-BR-2 CONTRACT : 62253				

PLAN	DESIGNED	DATE
	BY	
	CHECKED	
	NO.	

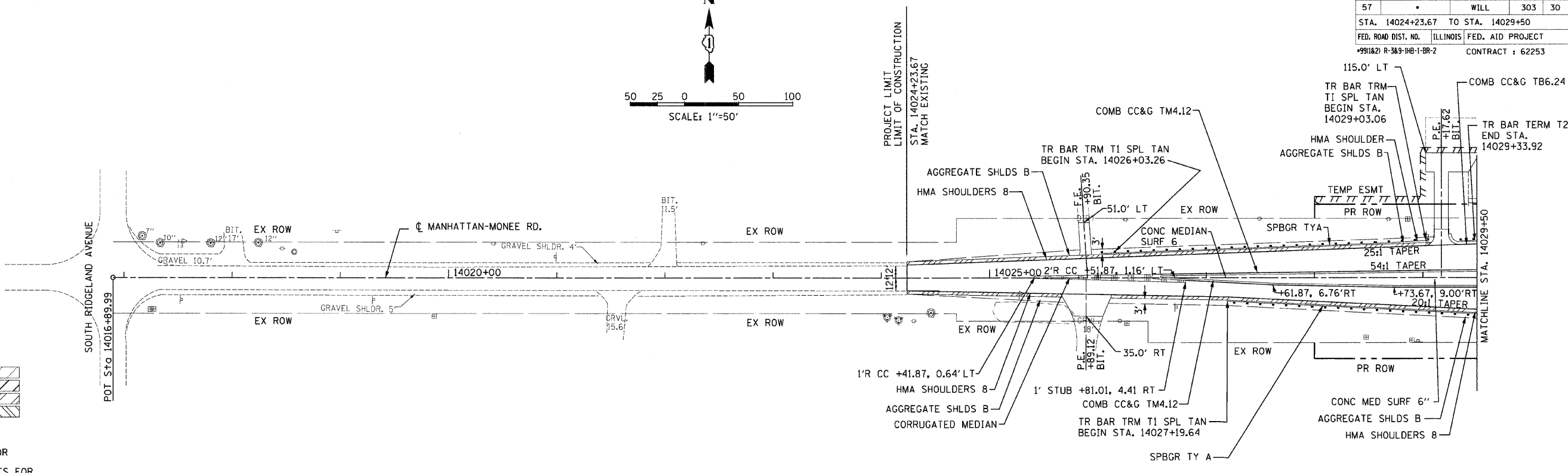
PROFILE	DESIGNED	DATE
	BY	
	CHECKED	
	NO.	



PAVEMENT LEGEND
 PAVEMENT RESURFACING
 PAVEMENT WIDENING
 HOT-MIX ASPHALT SHOULDER
 PCC SHOULDER



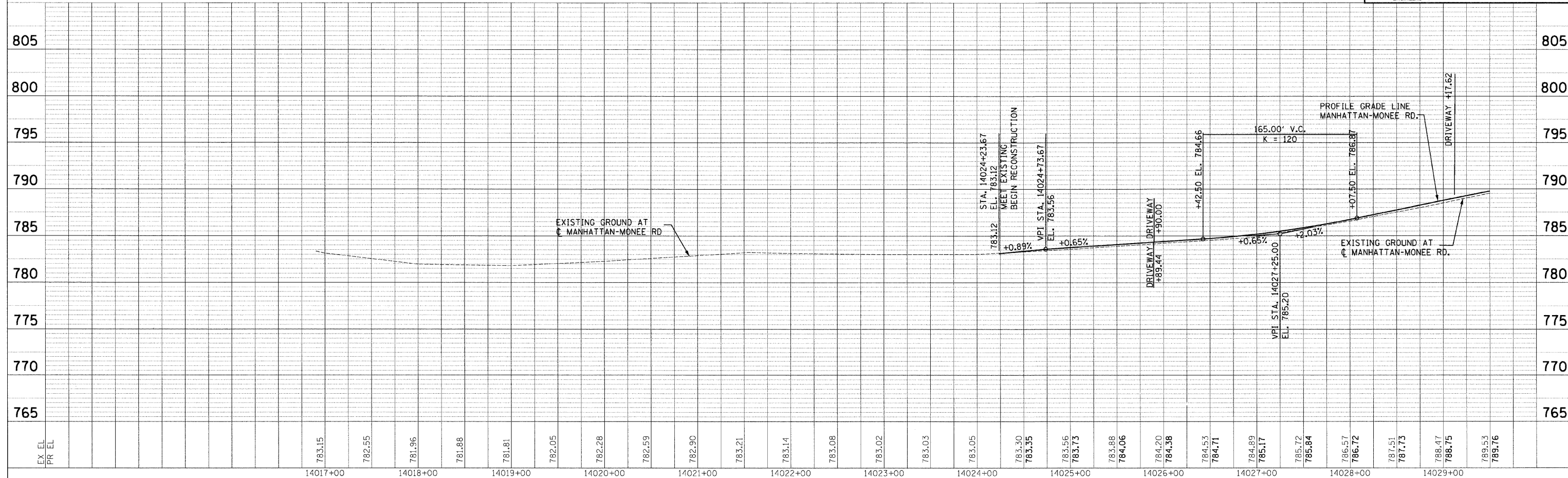
- NOTES**
- 1) SEE EXISTING CONDITION SHEETS FOR REMOVAL ITEMS
 - 2) SEE DRAINAGE AND UTILITIES SHEETS FOR DRAINAGE ITEMS AND UTILITIES ITEMS
 - 3) SEE GENERAL NOTES FOR SPECIAL AND HAZARDOUS WASTE REMOVAL
 - 4) SEE DRIVEWAY DETAIL SHEET AND SCHEDULE OF QUANTITIES FOR DETAILS OF DRIVEWAY REPLACEMENT.



MANHATTAN - MONEE ROAD

Clark Dietz
 ENGINEERS

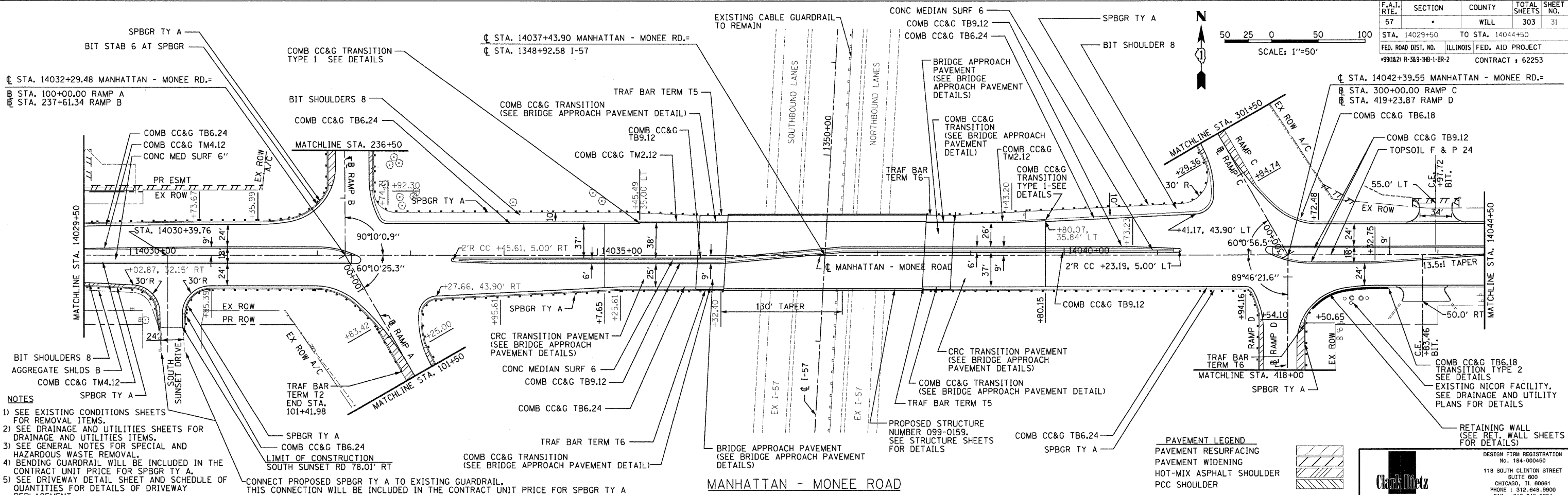
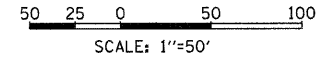
DESIGN FIRM REGISTRATION No. 184-000450
 118 SOUTH CLINTON STREET SUITE 600
 CHICAGO, IL 60661
 PHONE : 312.648.9900
 FAX : 312.648.0204



PLAN AND PROFILE: MANHATTAN - MONEE ROAD - STA. 14024+23.67 TO STA. 14029+50

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 8/1/2008

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57		WILL	303	31
STA. 14029+50 TO STA. 14044+50				
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
#99182) R-389-1H-1-BR-2		CONTRACT : 62253		



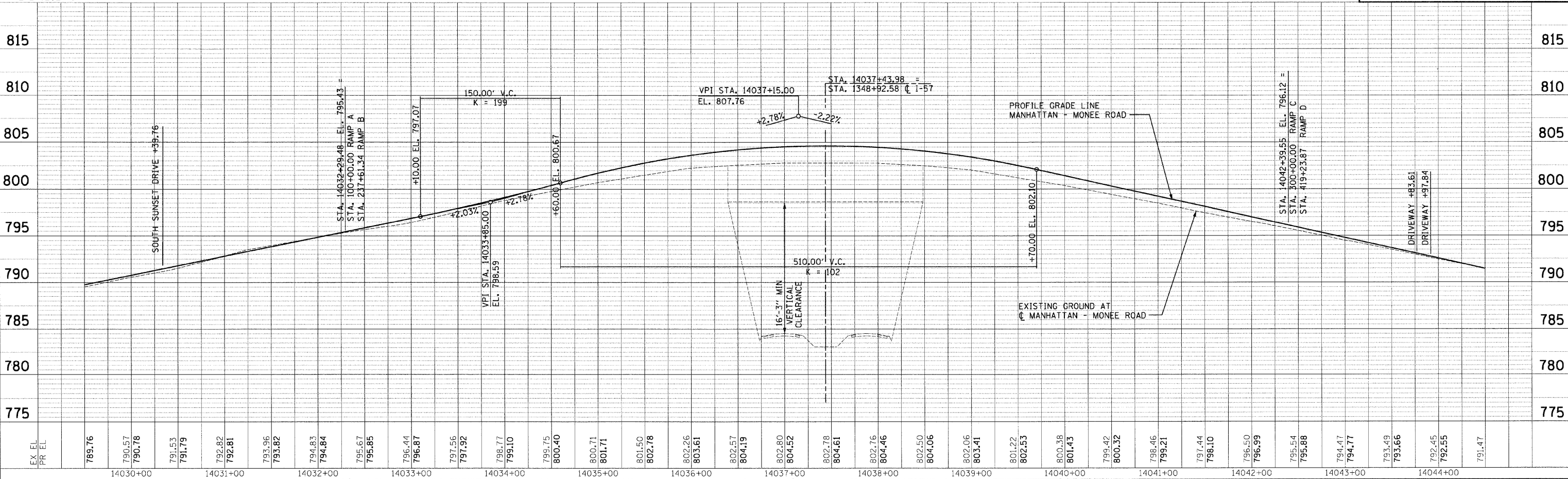
- NOTES**
- 1) SEE EXISTING CONDITIONS SHEETS FOR REMOVAL ITEMS.
 - 2) SEE DRAINAGE AND UTILITIES SHEETS FOR DRAINAGE AND UTILITIES ITEMS.
 - 3) SEE GENERAL NOTES FOR SPECIAL AND HAZARDOUS WASTE REMOVAL.
 - 4) BENDING GUARDRAIL WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR SPBGR TY A.
 - 5) SEE DRIVEWAY DETAIL SHEET AND SCHEDULE OF QUANTITIES FOR DETAILS OF DRIVEWAY REPLACEMENT.

PAVEMENT LEGEND

	PAVEMENT RESURFACING
	PAVEMENT WIDENING
	HOT-MIX ASPHALT SHOULDER
	PCC SHOULDER

Clark Dietz ENGINEERS

DESIGN FIRM REGISTRATION No. 184-000450
 118 SOUTH CLINTON STREET SUITE 600
 CHICAGO, IL 60661
 PHONE : 312.648.9900
 FAX : 312.648.0204



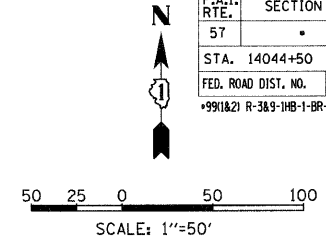
PLAN AND PROFILE: MANHATTAN - MONEE ROAD - STA. 14029+50 TO 14044+50

DATE	BY	REVISIONS
		1. ALIGNED, CHECKED, PLOTTED, AND PRINTED.
		2. NOTE BOOK NO. _____
		3. CAD FILE NAME _____

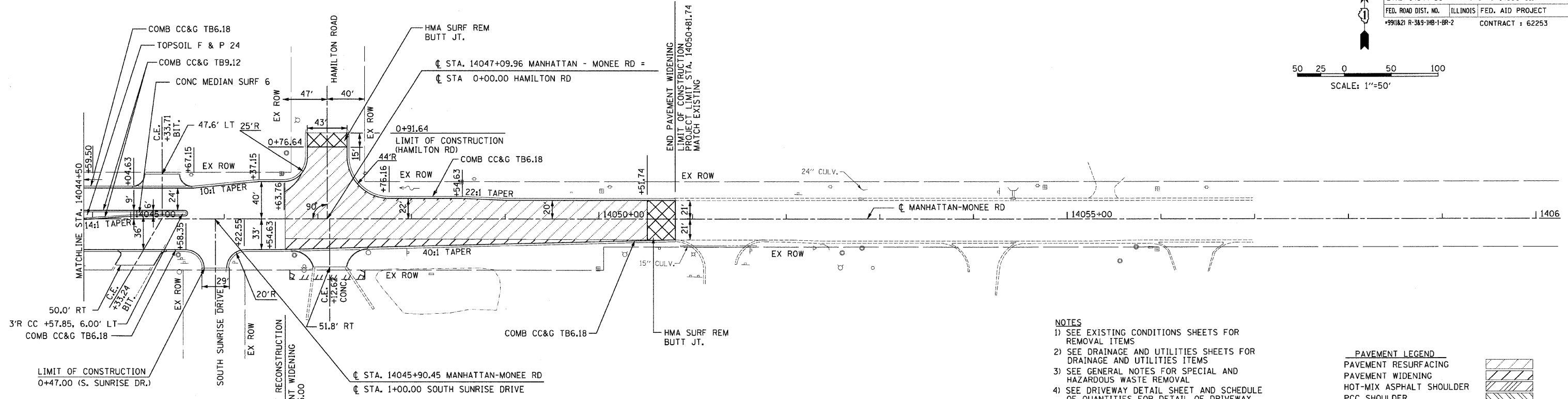
DATE	BY	REVISIONS
		1. GRADES CHECKED AND PLOTTED.
		2. STRUCTURE NOTATIONS CHECKED.

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8/1/2008

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	32
STA. 14044+50		TO STA. 14050+81.74		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
99(1&2) R-389-1HB-1-BR-2		CONTRACT : 62253		



DATE	BY



- NOTES**
- 1) SEE EXISTING CONDITIONS SHEETS FOR REMOVAL ITEMS
 - 2) SEE DRAINAGE AND UTILITIES SHEETS FOR DRAINAGE AND UTILITIES ITEMS
 - 3) SEE GENERAL NOTES FOR SPECIAL AND HAZARDOUS WASTE REMOVAL
 - 4) SEE DRIVEWAY DETAIL SHEET AND SCHEDULE OF QUANTITIES FOR DETAIL OF DRIVEWAY REPLACEMENT.

PAVEMENT LEGEND

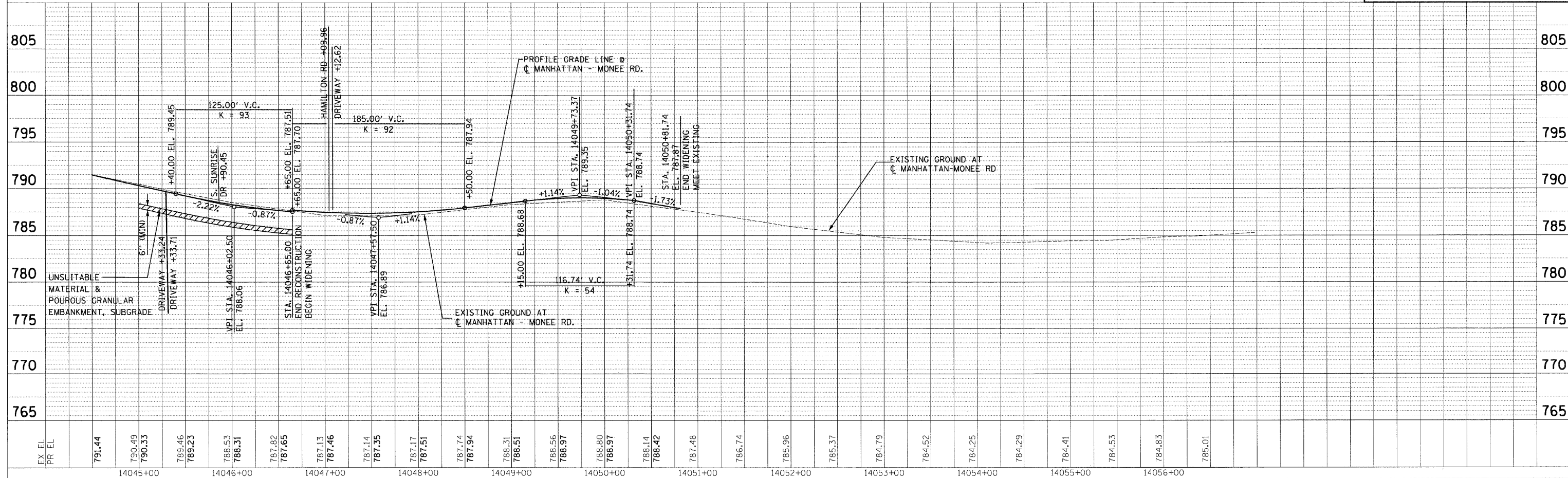
	PAVEMENT RESURFACING
	PAVEMENT WIDENING
	HOT-MIX ASPHALT SHOULDER
	PCC SHOULDER

Clark Dietz ENGINEERS

DESIGN FIRM REGISTRATION No. 184-000450
 118 SOUTH CLINTON STREET SUITE 600
 CHICAGO, IL 60661
 PHONE : 312.646.8900
 FAX : 312.646.0204

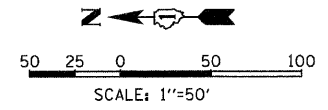
MANHATTAN - MONEE ROAD

DATE	BY

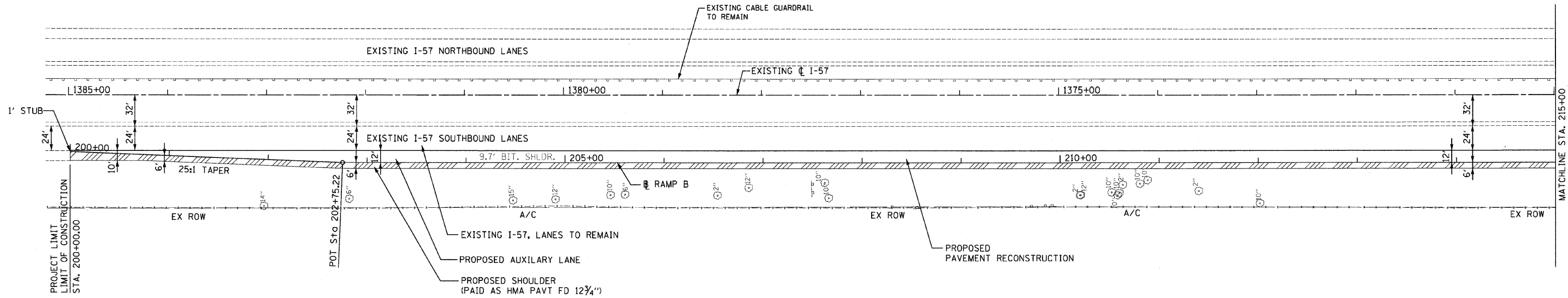


PLAN AND PROFILE: MANHATTAN - MONEE ROAD - STA. 14044+50 TO STA. 14050+81.74

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	.	WILL	303	33
STA. 200+00		TO STA. 215+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
*991(82) R-389-118-1-BR-2		CONTRACT : 62253		



PLAN	REVISIONS	DATE
NO. 1	BY	
NO. 2	BY	
NO. 3	BY	
NO. 4	BY	
NO. 5	BY	



- NOTES**
- 1) SEE EXISTING CONDITIONS SHEETS FOR REMOVAL ITEMS
 - 2) SEE DRAINAGE AND UTILITIES SHEETS FOR UTILITIES AND DRAINAGE ITEMS
 - 3) SEE GENERAL NOTES FOR SPECIAL AND HAZARDOUS WASTE REMOVAL

PAVEMENT LEGEND

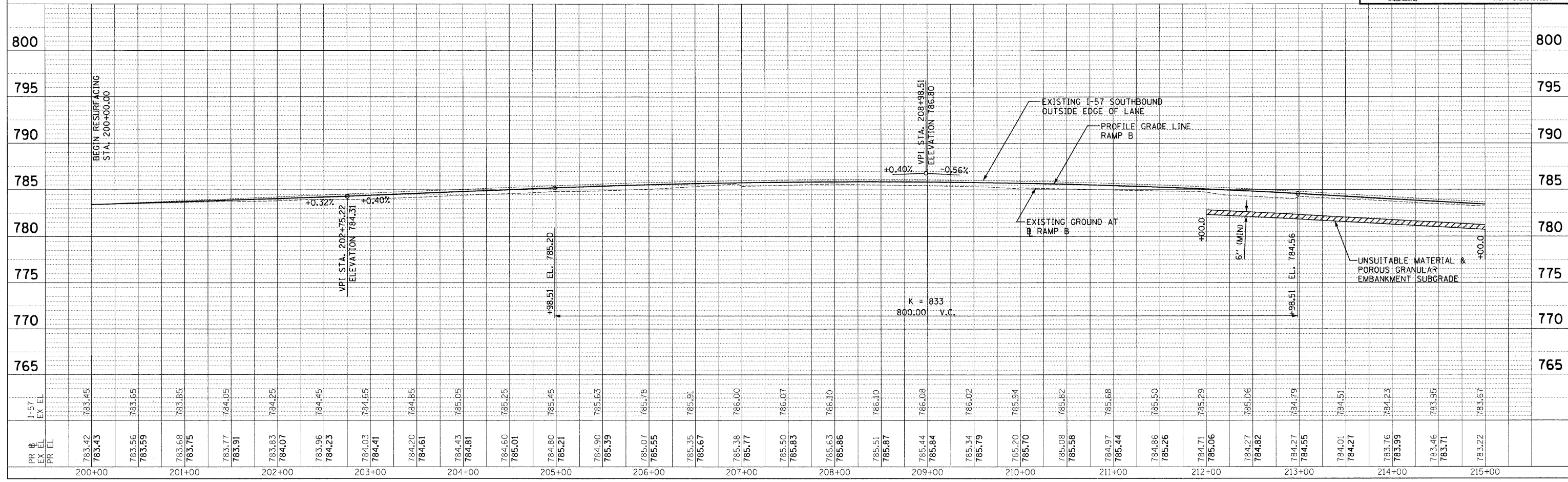
	PAVEMENT RESURFACING
	PAVEMENT WIDENING
	HOT-MIX ASPHALT SHOULDER
	PCC SHOULDER

RAMP B

Clark Dietz
ENGINEERS

DESIGN FIRM REGISTRATION No. 184-000450
118 SOUTH CLINTON STREET SUITE 600 CHICAGO, IL 60681
PHONE : 312.648.8900 FAX : 312.648.0204

PROFILE	REVISIONS	DATE
NO. 1	BY	
NO. 2	BY	
NO. 3	BY	
NO. 4	BY	
NO. 5	BY	

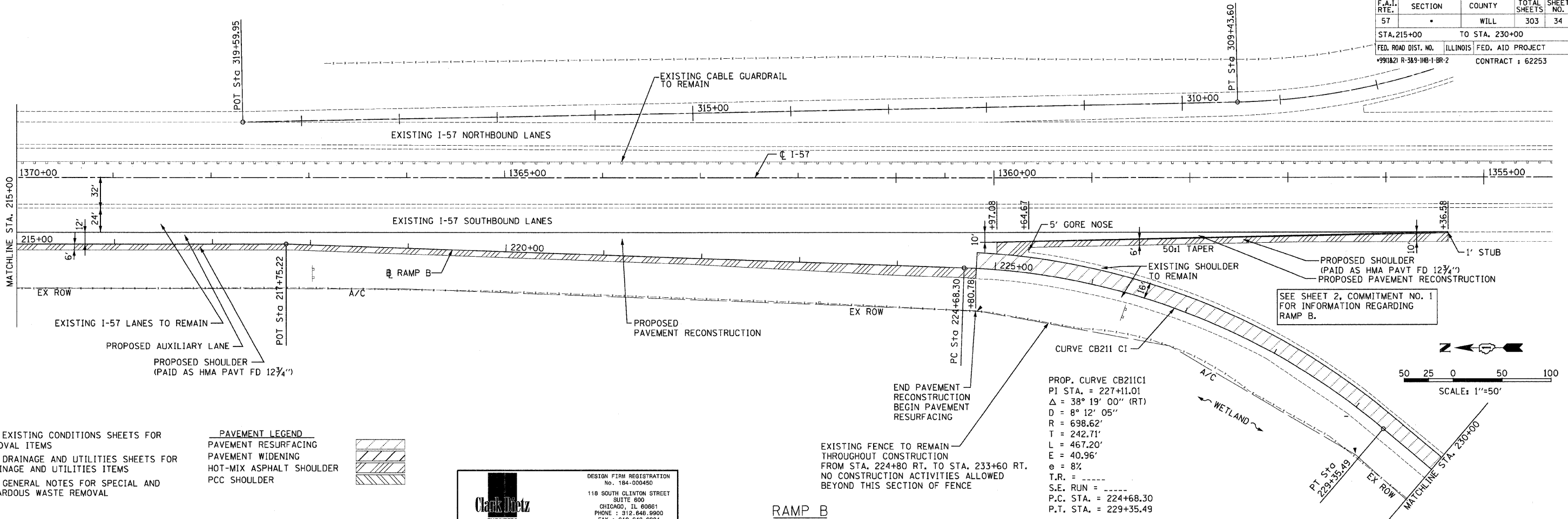


PLAN AND PROFILE: RAMP B - STA. 200+00 TO STA. 215+00

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6/1/2008

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57		WILL	303	34
STA. 215+00		TO STA. 230+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
*991A21 R-389-1B-1-BR-2		CONTRACT : 62253		

PLAN	DESIGNED	DATE
	CHECKED	
	NOTED	
	BY	



- NOTES**
- 1) SEE EXISTING CONDITIONS SHEETS FOR REMOVAL ITEMS
 - 2) SEE DRAINAGE AND UTILITIES SHEETS FOR DRAINAGE AND UTILITIES ITEMS
 - 3) SEE GENERAL NOTES FOR SPECIAL AND HAZARDOUS WASTE REMOVAL

PAVEMENT LEGEND

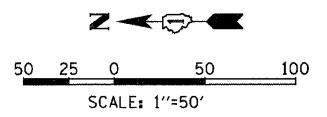
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[Hatched Pattern]	PAVEMENT WIDENING
[Hatched Pattern]	HOT-MIX ASPHALT SHOULDER
[Hatched Pattern]	PCC SHOULDER

Clark Dietz
ENGINEERS

DESIGN FIRM REGISTRATION
No. 184-000450

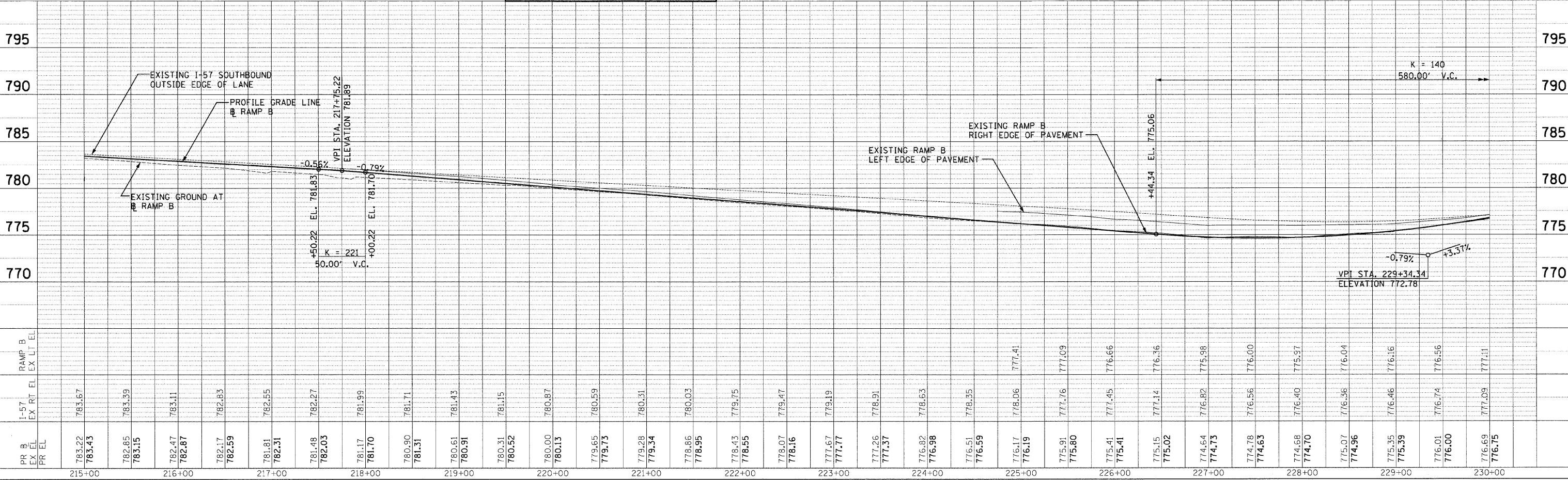
118 SOUTH CLINTON STREET
SUITE 600
CHICAGO, IL 60661
PHONE : 312.648.9900
FAX : 312.648.0204

PROP. CURVE CB211C1
PI STA. = 227+11.01
 $\Delta = 38^\circ 19' 00''$ (RT)
D = 8° 12' 05"
R = 698.62'
T = 242.71'
L = 467.20'
E = 40.96'
e = 8%
T.R. = -----
S.E. RUN = -----
P.C. STA. = 224+68.30
P.T. STA. = 229+35.49



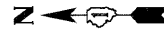
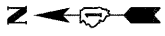
RAMP B

PROFILE	DESIGNED	DATE
	CHECKED	
	NOTED	
	BY	



PLAN AND PROFILE: RAMP B - STA. 215+00 TO STA. 230+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57		WILL	303	35
STA. **		TO STA. **		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
+991A21 R-389-1B-1-BR-2		CONTRACT : 62253		
+RAMP A STA. 101+50 TO STA. 103+00		RAMP B STA. 228+00 TO STA. 234+00		



PROP. CURVE CB211C2
 PI STA. = 233+69.17
 $\Delta = 43^\circ 46' 58''$ (LT)
 $D = 12^\circ 36' 47''$
 $R = 454.26'$
 $T = 182.53'$
 $L = 347.12'$
 $E = 35.30'$
 $\theta = 8\%$
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 231+86.64
 P.T. STA. = 235+33.76

EXIST. CURVE CA211C1
 PI STA. = 107+92.60
 $\Delta = 31^\circ 55' 14''$ (RT)
 $D = 8^\circ 22' 00''$
 $R = 684.81'$
 $T = 195.85'$
 $L = 381.52'$
 $E = 27.46'$
 $\theta = -----$
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 105+96.75
 P.T. STA. = 109+78.27

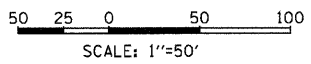
PAVEMENT LEGEND

	PAVEMENT RESURFACING
	PAVEMENT WIDENING
	HOT-MIX ASPHALT SHOULDER
	PCC SHOULDER

SEE SHEET 2, COMMITMENT NO. 1 FOR INFORMATION REGARDING RAMP B.

- NOTES
- 1) SEE EXISTING CONDITIONS SHEETS FOR REMOVAL ITEMS
 - 2) SEE DRAINAGE AND UTILITIES SHEETS FOR DRAINAGE AND UTILITIES ITEMS
 - 3) SEE GENERAL NOTES FOR SPECIAL AND HAZARDOUS WASTE REMOVAL

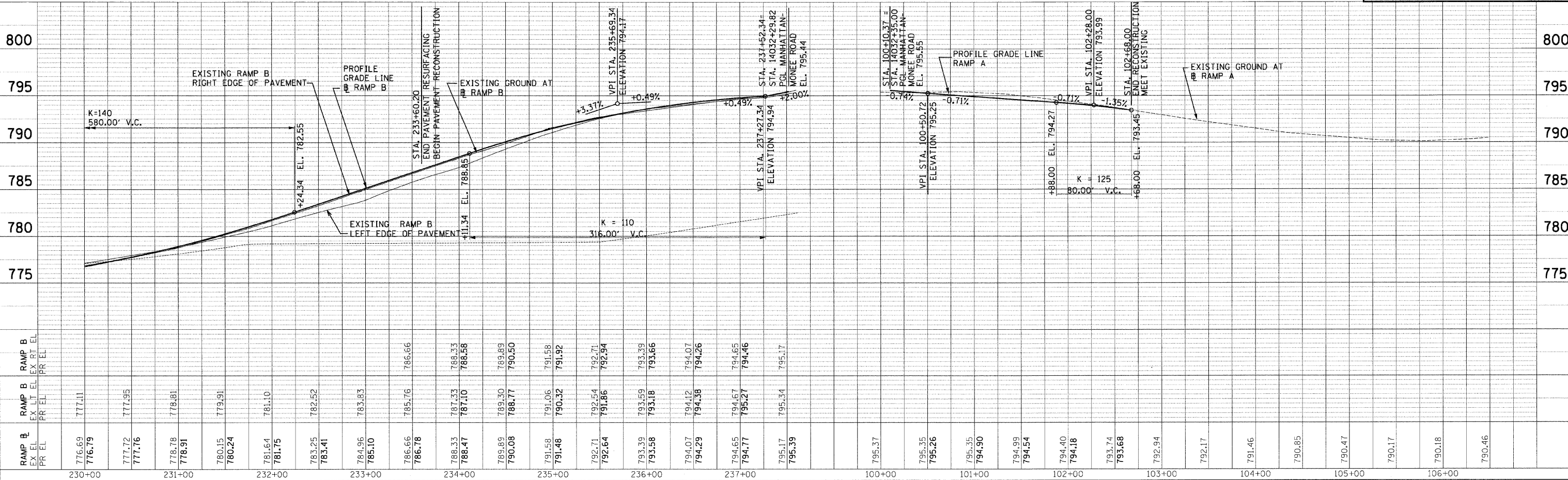
EXISTING FENCE TO REMAIN THROUGHOUT CONSTRUCTION FROM STA. 224+80 RT TO STA. 233+60 RT - NO CONSTRUCTION ACTIVITIES ALLOWED BEYOND THIS SECTION OF FENCE



DESIGN FIRM REGISTRATION No. 184-000450
Clark Dietz ENGINEERS
 118 SOUTH CLINTON STREET SUITE 600 CHICAGO, IL 60661
 PHONE : 312.648.9600 FAX : 312.648.0204

PLAN	REVISIONS	DATE
NO. 1	BY: []	[]
NO. 2	BY: []	[]
NO. 3	BY: []	[]
NO. 4	BY: []	[]
NO. 5	BY: []	[]

PROFILE	REVISIONS	DATE
NO. 1	BY: []	[]
NO. 2	BY: []	[]
NO. 3	BY: []	[]
NO. 4	BY: []	[]
NO. 5	BY: []	[]



PLAN AND PROFILE: RAMP A - STA. 101+50 TO STA. 109+00 AND RAMP B - STA. 230+00 TO STA. 236+50

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	36

STA. ** TO STA. **

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

CONTRACT : 62253

CONTRACT : 62253

RAMP C - STA. 301+50 TO STA. 309+00

RAMP D - STA. 415+59.97 TO STA. 418+00

PLAN	REVISIONS	DATE

EXIST. CURVE CD211C1
 PI STA. = 409+11.94
 $\Delta = 35^\circ 58' 53''$ (RT)
 $D = 8^\circ 20' 38''$
 $R = 686.67'$
 $T = 222.99'$
 $L = 431.23'$
 $E = 35.30'$
 $e = \text{---}$
 $T.R. = \text{---}$
 $S.E. RUN = \text{---}$
 P.C. STA. = 406+88.95
 P.T. STA. = 411+20.17

PROP. CURVE CD211C2
 PI STA. = 415+49.00
 $\Delta = 42^\circ 08' 08''$ (LT)
 $D = 12^\circ 49' 32''$
 $R = 446.73'$
 $T = 172.09'$
 $L = 328.53'$
 $E = 32.00'$
 $e = \text{---}$
 $T.R. = \text{---}$
 $S.E. RUN = \text{---}$
 P.C. STA. = 413+76.91
 P.T. STA. = 417+05.44

EXIST. CURVE CC211C1
 PI STA. = 307+55.24
 $\Delta = 32^\circ 10' 28''$ (RT)
 $D = 8^\circ 18' 33''$
 $R = 689.55'$
 $T = 198.86'$
 $L = 387.22'$
 $E = 28.10'$
 $e = \text{---}$
 $T.R. = \text{---}$
 $S.E. RUN = \text{---}$
 P.C. STA. = 305+56.38
 P.T. STA. = 309+43.60

- NOTES**
- 1) SEE EXISTING CONDITIONS SHEETS FOR REMOVAL ITEMS
 - 2) SEE DRAINAGE AND UTILITIES SHEETS FOR DRAINAGE AND UTILITIES ITEMS
 - 3) SEE GENERAL NOTES FOR SPECIAL AND HAZARDOUS WASTE REMOVAL

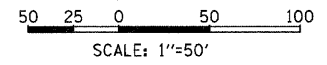
PAVEMENT LEGEND

PAVEMENT RESURFACING

PAVEMENT WIDENING

HOT-MIX ASPHALT SHOULDER

PCC SHOULDER



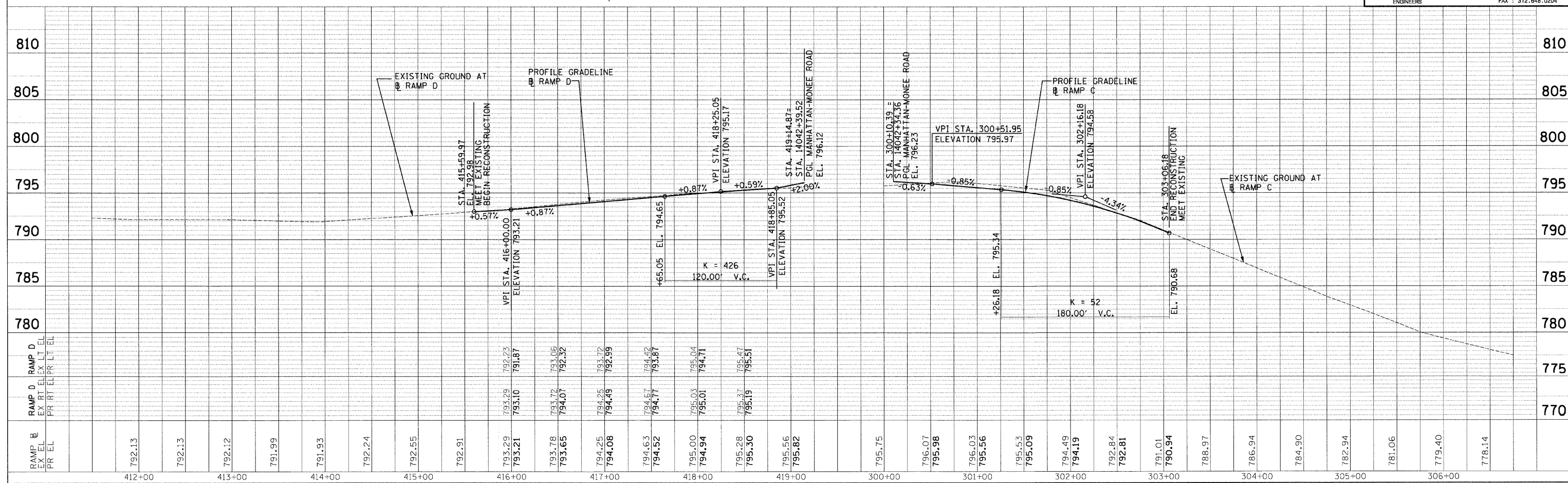
Clark Dietz
 ENGINEERS

DESIGN FIRM REGISTRATION
 No. 164-000450

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 SUITE 800
 CHICAGO, IL 60661
 PHONE : 312.848.9900
 FAX : 312.848.0204

RAMP D

RAMP C



PLAN AND PROFILE: RAMP C - STA. 301+50 TO STA. 309+00 AND RAMP D - STA. 410+00 TO STA. 418+00

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	37
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
*991&2) R-3&9-10&1-BR-2		CONTRACT: 62253		

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL GENERAL NOTES

- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ADEQUATE TEMPORARY DRAINAGE DURING CONSTRUCTION. SEE EROSION CONTROL PLAN FOR DETAILS.
- THE CULVERT EXTENSION ON THE SOUTH SIDE OF MANHATTAN-MONEE ROAD AT STA. 14023+77.9 SHALL BE REMOVED UPON REMOVAL OF THE TEMPORARY PAVEMENT AND RESTORATION OF THE GROUND IN THE AREA. REMOVAL SHALL BE PAID AT THE CONTRACT UNIT PRICE PER FOOT FOR STORM SEWER REMOVAL 18".
- ALL EXISTING PAVEMENT MARKINGS IN CONFLICT WITH TEMPORARY TRAFFIC CONTROL SHALL BE REMOVED. THE REMOVAL OF EXISTING PAVEMENT MARKINGS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT FOR PAVEMENT MARKING REMOVAL.
- MAINTENANCE OF TRAFFIC DURING RESURFACING ON MANHATTAN-MONEE ROAD SHALL BE INCLUDED IN THE CONTRACT LUMP SUM PRICE TRAFFIC CONTROL AND PROTECTION (SPECIAL). MAINTENANCE OF TRAFFIC DURING CONSTRUCTION OF AUXILIARY LANE AND RAMPS SHALL BE INCLUDED IN THE CONTRACT LUMP SUM PRICE TRAFFIC CONTROL AND PROTECTION EXPRESSWAY.
- ALL APPLICABLE TRAFFIC CONTROL AND PROTECTION STANDARDS AND DETAILS SHALL BE AS SHOWN ON THE SPECIAL PROVISION FOR TRAFFIC CONTROL PLAN.
- CHANGEABLE MESSAGE SIGNS WILL BE UTILIZED.
- ALL TEMPORARY OR OVERNIGHT LANE CLOSURES ALONG I-57 SHALL BE IN ACCORDANCE WITH THE EXPRESSWAY TRAFFIC CONTROL STANDARDS.

PRELIMINARY STAGE

MANHATTAN MONEE ROAD

WORK AREA:

- THE WORK AREA IS LOCATED IN BOTH THE NORTH AND SOUTH ROADSIDES OF THE EXISTING TRAFFIC LANES.
- ONLY DAYTIME SHOULDER CLOSURES ARE ALLOWED.

MAINTENANCE OF TRAFFIC:

- EXISTING TRAFFIC PATTERNS ARE TO BE MAINTAINED.

CONSTRUCTION: (SUGGESTED COMPONENTS OF WORK)

- THE WORK PERFORMED IN THIS STAGE SHALL INCLUDE BUT IS NOT LIMITED TO THE CONSTRUCTION OF THE EARTHWORK, THE OPEN AND CLOSED DRAINAGE SYSTEM; THE REMOVAL OF THE EXISTING RETAINING WALL AT THE RAMP D INTERSECTION; THE INSTALLATION OF EROSION CONTROL DEVICES; THE CONSTRUCTION OF TEMPORARY PAVEMENT, TEMPORARY SEEDING, AND THE RETAINING WALL (SN 099-W022); THE INSTALLATION OF ROADWAY SAFETY DEVICES, AND TEMPORARY TRAFFIC CONTROL DEVICES.

- INSTALL EROSION AND SEDIMENT CONTROL DEVICES.

- CONSTRUCT EMBANKMENT WIDENING ON THE NORTH SIDE OF THE ROAD FROM STA. 14021+24 TO STA. 14050+82 AND ON THE SOUTH SIDE OF THE ROAD FROM STA. 14024+24 TO STA. 14044+00.

- PLACE TEMPORARY SEEDING AND EROSION CONTROL BLANKET.

- CONSTRUCT CULVERT EXTENSION FOR CULVERTS LOCATED AT STA. 14023+78, STA. 14028+60, STA. 14031+02, STA. 14034+03, STA. 14036+65, AND STA. 14038+35.

- COORDINATE UTILITY RELOCATIONS IN THE SOUTHEAST QUADRANT OF RAMP D AND MANHATTAN-MONEE ROAD.

- REMOVE EXISTING RETAINING WALL IN SOUTHEAST QUADRANT OF RAMP D AND MANHATTAN-MONEE ROAD.

- CONSTRUCT RETAINING WALL SN 099-W022.

- CONSTRUCT DRAIN TILE IMPROVEMENTS NEAR STA. 14028+55.

- CONSTRUCT OPEN AND CLOSED DRAINAGE SYSTEM ON THE NORTH SIDE OF THE ROAD FROM STA. 14024+24 TO STA. 14050+82 AND ON THE SOUTH SIDE OF THE ROAD FROM STA. 14024+24 TO STA. 14042+50.

- CONSTRUCT TEMPORARY PAVEMENT FOR STAGE I.

- INSTALL TEMPORARY CONCRETE BARRIER WALLS; REMOVE GUARDRAIL; AND INSTALL IMPACT ATTENUATORS FOR STAGE I.

- REMOVE AND REPLACE TEMPORARY SIGNALS AT RAMP A AND B INTERSECTIONS. CONSTRUCT TEMPORARY TRAFFIC CONTROL DEVICES REQUIRED FOR STAGE I

RAMP A, B, C, AND D

WORK AREA:

- THE WORK AREA IS LOCATED IN BOTH EAST AND WEST ROADSIDES OF THE EXISTING TRAFFIC LANES.

- ONLY DAYTIME PARTIAL RAMP CLOSURES ARE ALLOWED.

- NO RAMP CLOSURES ARE PERMITTED.

MAINTENANCE OF TRAFFIC:

- EXISTING TRAFFIC PATTERNS ARE TO BE MAINTAINED

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL STAGE NOTES

STAGE I

MANHATTAN MONEE ROAD

WORK AREA:

- THE WORK AREA IS LOCATED ON THE NORTH SIDE OF THE ROADWAY.

MAINTENANCE OF TRAFFIC:

- ONE LANE OF TRAFFIC IS TO BE MAINTAINED IN EACH DIRECTION.
- RAMP TRAFFIC TO SOUTH SIDE OF ROAD.

CONSTRUCTION: (SUGGESTED COMPONENTS OF WORK)

- THE WORK PERFORMED IN THIS STAGE SHALL INCLUDE BUT IS NOT LIMITED TO THE CONSTRUCTION OF ROADWAY NORTH OF THE MEDIAN.

- CONSTRUCT PROPOSED PAVEMENT

- INSTALL CURB AND GUTTER.

- INSTALL GUARDRAIL.

- COMPLETE CONSTRUCTION OF THE DRAINAGE SYSTEM ON THE NORTH SIDE

- CONSTRUCT NORTH SECTION OF STRUCTURE.

- CONSTRUCT TEMPORARY PAVEMENT FOR STAGE II

- CONSTRUCT TEMPORARY SEEDING AND EROSION CONTROL BLANKET.

- INSTALL TEMPORARY CONCRETE BARRIER WALLS; REMOVE GUARDRAIL; AND INSTALL IMPACT ATTENUATORS FOR STAGE II.

- CONSTRUCT TEMPORARY TRAFFIC CONTROL DEVICES REQUIRED FOR STAGE II.

I-57

WORK AREA:

- A WORK AREA IS TO BE LOCATED ON THE WEST ROADSIDE FROM APPROXIMATELY STA. 1352+61 TO STA. 1384+98 ON I-57 FOR THE CONSTRUCTION OF THE AUXILIARY LANE.

- A WORK AREA IS TO BE LOCATED FROM APPROXIMATELY STA. 1347+50 TO STA. 1350+50 FOR THE CONSTRUCTION OF THE STRUCTURE AND MANHATTAN-MONEE ROAD. THE WORK AREA SHALL BE LOCATED IN THE MEDIAN, WEST ROADSIDE, AND THE EAST ROADSIDE.

MAINTENANCE OF TRAFFIC:

- TWO LANES OF TRAFFIC ARE TO BE MAINTAINED IN EACH DIRECTION.

- THE SHOULDERS OF BOTH THE NORTHBOUND AND SOUTHBOUND DIRECTION ARE TO BE CLOSED AT THE STRUCTURE.

- EXISTING SOUTHBOUND TRAFFIC IS TO BE SHIFTED TO THE INSIDE SHOULDER IN THE AREA OF THE AUXILIARY LANE.

- NO PERMANENT LANE CLOSURES ARE PERMITTED.

CONSTRUCTION: (SUGGESTED COMPONENTS OF WORK)

- THE WORK PERFORMED IN THIS STAGE AT THE STRUCTURE SHALL INCLUDE BUT IS NOT LIMITED TO THE CONSTRUCTION OF THE STRUCTURE, INSTALL EROSION AND SEDIMENT CONTROL DEVICES, EARTHWORK, DRAINAGE SYSTEM, TEMPORARY SEEDING, ROADWAY SAFETY DEVICES, TEMPORARY TRAFFIC CONTROL DEVICES, AND LANDSCAPING.

- THE WORK PERFORMED IN THIS STAGE AT THE AUXILIARY LANE SHALL INCLUDE BUT IS NOT LIMITED TO THE CONSTRUCTION OF PAVEMENT, INSTALL EROSION AND SEDIMENT CONTROL DEVICES, EARTHWORK, DRAINAGE SYSTEM, ROADWAY SAFETY DEVICES, AND TEMPORARY TRAFFIC CONTROL DEVICES.

STAGE I SUBSTAGE A

RAMP B: SOUTHBOUND EXIT

WORK AREA:

- THE WORK AREA IS LOCATED ADJACENT TO THE WEST SIDE OF THE RAMP.

MAINTENANCE OF TRAFFIC:

- ONE LANE OF TRAFFIC IS TO BE MAINTAINED ON THE RAMP.
- RAMP TRAFFIC WILL UTILIZE THE EAST HALF OF THE RAMP.

CONSTRUCTION: (SUGGESTED COMPONENTS OF WORK)

- THE WORK PERFORMED IN THIS STAGE SHALL INCLUDE BUT IS NOT LIMITED TO THE CONSTRUCTION OF WEST SIDE OF THE RAMP.

- CONSTRUCT PAVEMENT RECONSTRUCTION AND PAVEMENT WIDENING.

- CONSTRUCT SHOULDER.

- INSTALL GUARDRAIL.

- INSTALL TEMPORARY CONCRETE BARRIER WALLS; REMOVE GUARDRAIL; AND INSTALL IMPACT ATTENUATORS FOR STAGE I SUBSTAGE B.

- CONSTRUCT TEMPORARY TRAFFIC CONTROL DEVICES REQUIRED FOR STAGE I SUBSTAGE B.

RAMP C: NORTHBOUND ENTRANCE

WORK AREA:

- THE WORK AREA IS LOCATED ON THE EAST HALF OF THE RAMP.

MAINTENANCE OF TRAFFIC:

- ONE LANE OF TRAFFIC IS TO BE MAINTAINED ON THE RAMP.

- TRAFFIC WILL UTILIZE THE WEST HALF OF THE RAMP

CONSTRUCTION: (SUGGESTED COMPONENTS OF WORK)

- THE WORK PERFORMED IN THIS STAGE SHALL INCLUDE BUT IS NOT LIMITED TO THE CONSTRUCTION OF EAST SIDE OF THE RAMP.

- CONSTRUCT PROPOSED PAVEMENT AND PAVEMENT WIDENING.

- CONSTRUCT SHOULDER.

- INSTALL GUARDRAIL.

- INSTALL TEMPORARY CONCRETE BARRIER WALLS; REMOVE GUARDRAIL; AND INSTALL IMPACT ATTENUATORS FOR STAGE I SUBSTAGE B.

- CONSTRUCT TEMPORARY TRAFFIC CONTROL DEVICES REQUIRED FOR STAGE I SUBSTAGE B.

STAGE I SUBSTAGE B

RAMP B

WORK AREA:

- THE WORK AREA IS LOCATED ADJACENT TO THE EAST SIDE OF THE RAMP.

MAINTENANCE OF TRAFFIC:

- ONE LANE OF TRAFFIC IS TO BE MAINTAINED ON THE RAMP.
- RAMP TRAFFIC WILL UTILIZE THE WEST HALF OF THE RAMP.

CONSTRUCTION: (SUGGESTED COMPONENTS OF WORK)

- THE WORK PERFORMED IN THIS STAGE SHALL INCLUDE BUT IS NOT LIMITED TO THE CONSTRUCTION OF WEST SIDE OF THE RAMP.

- CONSTRUCT PROPOSED PAVEMENT AND PAVEMENT WIDENING.

- CONSTRUCT SHOULDER.

- INSTALL GUARDRAIL.

RAMP C

WORK AREA:

- THE WORK AREA IS LOCATED ON THE WEST HALF OF THE RAMP.

MAINTENANCE OF TRAFFIC:

- ONE LANE OF TRAFFIC IS TO BE MAINTAINED ON THE RAMP.
- TRAFFIC WILL UTILIZE THE EAST HALF OF THE RAMP

CONSTRUCTION: (SUGGESTED COMPONENTS OF WORK)

- THE WORK PERFORMED IN THIS STAGE SHALL INCLUDE BUT IS NOT LIMITED TO THE CONSTRUCTION OF WEST SIDE OF THE RAMP.

- CONSTRUCT PROPOSED PAVEMENT AND PAVEMENT WIDENING.


- CONSTRUCT SHOULDER.

- INSTALL GUARDRAIL.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-57 AT MANHATTAN - MONEE ROAD
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL NOTES
1 OF 2

SCALE: VERT. NTS
HORIZ. 1"=50'
DATE 9/19/2008
DRAWN BY KLM
CHECKED BY TMW



DESIGN FIRM REGISTRATION
No. 184-000450
118 SOUTH CLINTON STREET
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FAX : 312.648.0204

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**SUGGESTED STAGES OF CONSTRUCTION
AND TRAFFIC CONTROL
STAGE NOTES**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	WILL	303	38
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
991827 R-389-116-1-BR-2		CONTRACT: 62253		

STAGE II SUBSTAGE A

MANHATTAN MONEE ROAD

WORK AREA:

- THE WORK AREA IS LOCATED IN THE CENTER OF THE ROADWAY.

MAINTENANCE OF TRAFFIC:

- ONE LANE OF TRAFFIC IS TO BE MAINTAINED IN EACH DIRECTION.
- MOVE WESTBOUND TRAFFIC TO NEW PAVEMENT AND TEMPORARY PAVEMENT ON NORTH SIDE OF ROAD. MAINTAIN EASTBOUND TRAFFIC ON EXISTING AND TEMPORARY PAVEMENT AS IN STAGE I.

CONSTRUCTION:
(SUGGESTED COMPONENTS OF WORK)

- THE WORK PERFORMED IN THIS STAGE SHALL INCLUDE BUT IS NOT LIMITED TO THE CONSTRUCTION OF PORTIONS OF ROADWAY IN THE MEDIAN.
- CONSTRUCT PROPOSED AND TEMPORARY PAVEMENT.
- MAINTAIN EROSION AND SEDIMENT CONTROL DEVICES.
- INSTALL TEMPORARY CONCRETE BARRIER WALLS AND INSTALL IMPACT ATTENUATORS FOR STAGE II SUBSTAGE B.
- CONSTRUCT TEMPORARY TRAFFIC CONTROL DEVICES REQUIRED FOR STAGE II SUBSTAGE B.

I-57

WORK AREA:

- A WORK AREA IS TO BE LOCATED ON THE WEST ROADSIDE FROM APPROXIMATELY STA. 1352+61 TO STA. 1384+98 ON I-57 TO COMPLETE THE CONSTRUCTION OF THE AUXILIARY LANE.
- A WORK AREA IS TO BE LOCATED ON THE WEST ROADSIDE AND EAST OF RAMP B FROM APPROXIMATELY STA. 1355+50 TO STA. 1360+50 FOR THE RECONSTRUCTION OF THE RAMP GORE.
- A WORK AREA IS TO BE LOCATED FROM APPROXIMATELY STA. 1347+50 TO STA. 1350+50 FOR THE CONSTRUCTION OF THE STRUCTURE AND MANHATTAN-MONEE ROAD. THE WORK AREA SHALL BE LOCATED IN THE MEDIAN, WEST ROADSIDE, AND THE EAST ROADSIDE.
- NO PERMANENT LANES CLOSURES ARE PERMITTED.

MAINTENANCE OF TRAFFIC:

- TWO LANES OF TRAFFIC ARE TO BE MAINTAINED IN EACH DIRECTION.
- THE SHOULDERS OF BOTH THE NORTHBOUND AND SOUTHBOUND DIRECTION ARE TO REMAIN CLOSED AT THE STRUCTURE.
- EXISTING SOUTHBOUND TRAFFIC IS REMAIN SHIFTED TO THE INSIDE SHOULDER IN THE AREA OF THE AUXILIARY LANE.
- NO PERMANENT LANES CLOSURES ARE PERMITTED. DAYTIME AND NIGHTTIME LANE CLOSURES MAY BE PERMITTED AT OFF PEAK HOURS WITH THE WRITTEN PERMISSION OF THE ENGINEER/BUREAU OF TRAFFIC.

CONSTRUCTION:
(SUGGESTED COMPONENTS OF WORK)

- THE WORK PERFORMED IN THIS STAGE AT THE STRUCTURE SHALL INCLUDE BUT IS NOT LIMITED TO THE CONSTRUCTION OF STRUCTURE, EARTHWORK, TEMPORARY SEEDING, DRAINAGE SYSTEM, ROADWAY SAFETY DEVICES, TEMPORARY TRAFFIC CONTROL DEVICES, AND LANDSCAPING.
- THE WORK PERFORMED IN THIS STAGE AT THE RAMP CORE SHALL INCLUDE BUT IS NOT LIMITED TO THE CONSTRUCTION OF PAVEMENT, EARTHWORK, DRAINAGE SYSTEM, ROADWAY SAFETY DEVICES, AND TEMPORARY TRAFFIC CONTROL DEVICES.

STAGE II SUBSTAGE B

MANHATTAN MONEE ROAD

WORK AREA:

- THE WORK AREA IS LOCATED ON THE SOUTH SIDE OF THE ROADWAY

MAINTENANCE OF TRAFFIC:

- ONE LANE OF TRAFFIC IS TO BE MAINTAINED IN EACH DIRECTION.
- MOVE EASTBOUND TRAFFIC TO NEW PAVEMENT ON NORTH SIDE OF ROADWAY.
- MAINTAIN WESTBOUND TRAFFIC ON NEW OUTSIDE WESTBOUND LANE AND TEMPORARY PAVEMENT.

CONSTRUCTION:
(SUGGESTED COMPONENTS OF WORK)

- REMOVE REMAINING GUARDRAIL.
- CONSTRUCT PROPOSED PAVEMENT AND PAVEMENT WIDENING.
- CONSTRUCT CURB AND GUTTER
- INSTALL GUARDRAIL.
- INSTALL LIGHTING AND TRAFFIC SIGNAL FOUNDATIONS AND CONDUITS.
- CONSTRUCT SOUTH SECTION OF STRUCTURE.

RAMP A: SOUTHBOUND ENTRANCE

WORK AREA:

- THE WORK AREA IS LOCATED ON THE WEST HALF OF THE RAMP.

MAINTENANCE OF TRAFFIC:

- ONE LANE OF TRAFFIC IS TO BE MAINTAINED ON THE RAMP.
- TRAFFIC WILL UTILIZE THE EAST HALF OF THE RAMP

CONSTRUCTION:

- THE WORK PERFORMED IN THIS STAGE SHALL INCLUDE BUT IS NOT LIMITED TO THE CONSTRUCTION OF WEST SIDE OF THE RAMP.
- CONSTRUCT PROPOSED PAVEMENT AND PAVEMENT WIDENING.
- CONSTRUCT SHOULDER.
- INSTALL GUARDRAIL.
- INSTALL TEMPORARY CONCRETE BARRIER WALLS; REMOVE GUARDRAIL; AND INSTALL IMPACT ATTENUATORS FOR STAGE II SUBSTAGE C.
- CONSTRUCT TEMPORARY TRAFFIC CONTROL DEVICES REQUIRED FOR STAGE II SUBSTAGE C.

RAMP D: NORTHBOUND EXIT

WORK AREA:

- THE WORK AREA IS LOCATED ADJACENT TO THE EAST SIDE OF THE RAMP.

MAINTENANCE OF TRAFFIC:

- ONE LANE OF TRAFFIC IS TO BE MAINTAINED ON THE RAMP.
- RAMP TRAFFIC WILL UTILIZE THE WEST HALF OF THE RAMP.

CONSTRUCTION:
(SUGGESTED COMPONENTS OF WORK)

- THE WORK PERFORMED IN THIS STAGE SHALL INCLUDE BUT IS NOT LIMITED TO THE CONSTRUCTION OF EAST SIDE OF THE RAMP.
- CONSTRUCT PROPOSED PAVEMENT AND PAVEMENT WIDENING.
- CONSTRUCT SHOULDER.
- INSTALL GUARDRAIL.
- INSTALL TEMPORARY CONCRETE BARRIER WALLS; REMOVE GUARDRAIL; AND INSTALL IMPACT ATTENUATORS FOR STAGE II SUBSTAGE B.
- CONSTRUCT TEMPORARY TRAFFIC CONTROL DEVICES REQUIRED FOR STAGE II SUBSTAGE B.

STAGE II SUBSTAGE C

RAMP A

WORK AREA:

- THE WORK AREA IS LOCATED ON THE EAST HALF OF THE RAMP.

MAINTENANCE OF TRAFFIC:

- ONE LANE OF TRAFFIC IS TO BE MAINTAINED ON THE RAMP.
- TRAFFIC WILL UTILIZE THE WEST HALF OF THE RAMP

CONSTRUCTION:
(SUGGESTED COMPONENTS OF WORK)

- THE WORK PERFORMED IN THIS STAGE SHALL INCLUDE BUT IS NOT LIMITED TO THE CONSTRUCTION OF EAST SIDE OF THE RAMP.
- CONSTRUCT PROPOSED PAVEMENT AND PAVEMENT WIDENING.
- CONSTRUCT SHOULDER.
- INSTALL GUARDRAIL.

RAMP D

WORK AREA:

- THE WORK AREA IS LOCATED ON THE WEST SIDE OF THE RAMP.

MAINTENANCE OF TRAFFIC:

- ONE LANE OF TRAFFIC IS TO BE MAINTAINED ON THE RAMP.
- RAMP TRAFFIC WILL UTILIZE THE EAST HALF OF THE RAMP.

CONSTRUCTION:
(SUGGESTED COMPONENTS OF WORK)

- THE WORK PERFORMED IN THIS STAGE SHALL INCLUDE BUT IS NOT LIMITED TO THE CONSTRUCTION OF WEST SIDE OF THE RAMP.
- CONSTRUCT PROPOSED PAVEMENT AND PAVEMENT WIDENING.
- CONSTRUCT SHOULDER.
- INSTALL GUARDRAIL.

STAGE III SUBSTAGE A

MANHATTAN MONEE ROAD; RAMPS A, B, C, AND D; AUXILIARY LANE

WORK AREA:

- THE WORK AREA IS LOCATED IN THE MEDIAN OF MANHATTAN-MONEE ROAD.

MAINTENANCE OF TRAFFIC:

- ON MANHATTAN MONEE ROAD ONE LANE OF TRAFFIC IS TO BE MAINTAINED IN EACH DIRECTION.
- ON EACH RAMP ONE LANE OF TRAFFIC IS TO BE MAINTAINED.
- ON I-57 TWO LANES OF TRAFFIC ARE TO BE MAINTAINED IN EACH DIRECTION.

- SPLIT TRAFFIC AND MOVE TRAFFIC IN EACH DIRECTION TO THE OUTERMOST LANES ON MANHATTAN MONEE ROAD. WESTBOUND TRAFFIC WILL BE MAINTAINED ON TEMPORARY PAVEMENT ON NORTH SIDE OF ROADWAY FROM STAGE II.

- ON I-57 NO PERMANENT LANES CLOSURES ARE PERMITTED.

CONSTRUCTION:
(SUGGESTED COMPONENTS OF WORK)

- CONSTRUCT PROPOSED PAVEMENT.
- CONSTRUCT CENTER RAISED MEDIAN AND LEFT TURN LANES ON MANHATTAN-MONEE ROAD.
- CONSTRUCTION OF FINAL PAVEMENT MARKING ON AUXILIARY LANE AND COMPLETE CONSTRUCTION ALONG I-57.

STAGE III SUBSTAGE B

MANHATTAN MONEE ROAD; RAMPS A, B, C, AND D; AUXILIARY LANE

WORK AREA:

- THE WORK AREA IS LOCATED ON THE NORTH SIDE OF MANHATTAN-MONEE ROAD.

MAINTENANCE OF TRAFFIC:

- ON MANHATTAN MONEE ROAD ONE LANE OF TRAFFIC IS TO BE MAINTAINED IN EACH DIRECTION. SHIFT WESTBOUND TRAFFIC TO INNER LANE ON NORTH SIDE OF MANHATTAN MONEE ROAD.

- ON EACH RAMP ONE LANE OF TRAFFIC IS TO BE MAINTAINED.

- ON I-57 TWO LANES OF TRAFFIC ARE TO BE MAINTAINED IN EACH DIRECTION.

- ON I-57 NO PERMANENT LANES CLOSURES ARE PERMITTED.

CONSTRUCTION:
(SUGGESTED COMPONENTS OF WORK)

- CONSTRUCT CURB & GUTTER, ASPHALT PATH AND INSTALL GUARDRAIL.
- INSTALL TRAFFIC SIGNAL AND LIGHTING FOUNDATIONS AND CONDUITS.
- INSTALL LANDSCAPING, TOPSOIL, SEEDING, AND SODDING.

FINAL STAGE

MANHATTAN MONEE ROAD; RAMP B

WORK AREA:

- THE WORK AREAS ARE THE PAVEMENT SECTIONS THAT REQUIRE THE INSTALLATION OF HOT-MIX ASPHALT SURFACE COURSE.

MAINTENANCE OF TRAFFIC:

- DAYTIME LANE CLOSURES WILL BE UTILIZED.


CONSTRUCTION:
(SUGGESTED COMPONENTS OF WORK)

- INSTALL FINAL HOT-MIX ASPHALT SURFACE COURSE.
- INSTALL FINAL PAVEMENT MARKING.
- COMPLETE INSTALLATIONS OF TRAFFIC SIGNAL EQUIPMENT AND LIGHTING.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-57 AT MANHATTAN - MONEE ROAD
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL NOTES
2 OF 2

SCALE: VERT. NTS
HORIZ. 1"=50'
DATE 9/19/2008
DRAWN BY KLM
CHECKED BY TWW



DESIGN FIRM REGISTRATION
No. 184-000450
118 SOUTH CLINTON STREET
SUITE 800
CHICAGO, IL 60681
PHONE : 312.648.9900
FAX : 312.648.0204

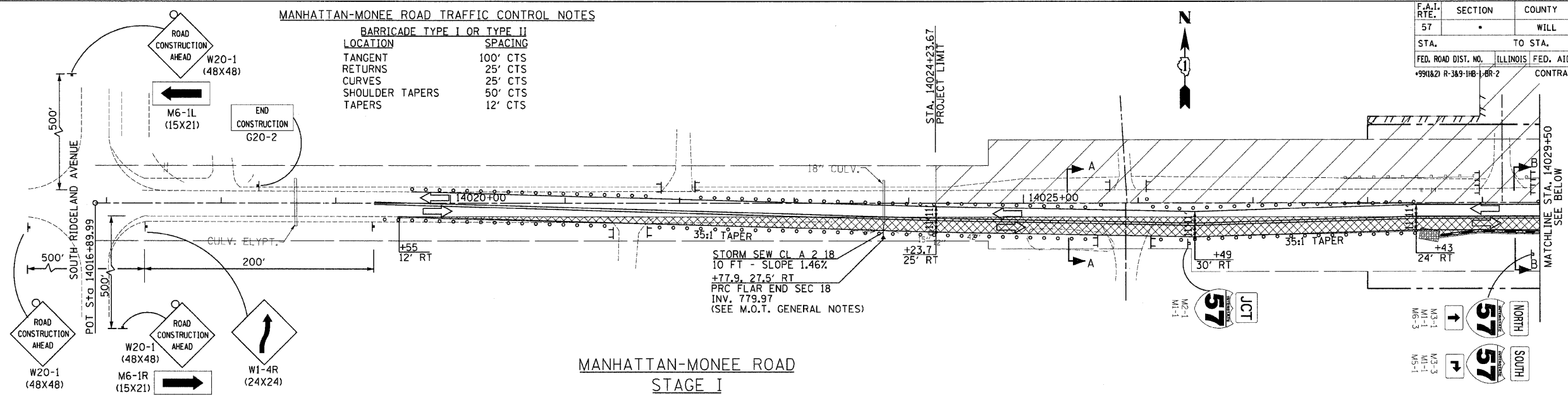
MANHATTAN-MONEE ROAD TRAFFIC CONTROL LEGEND

- TEMPORARY PAVEMENT, 6 IN.
- WORK AREA
- DIRECTION OF TRAFFIC
- ARROW BOARD
- TRAFFIC SIGN
- BARRICADE TYPE II, DRUM OR VERTICAL BARRICADE WITH MONO-DIRECTIONAL STEADY BURNING LIGHT (SEE NOTES FOR SPACING)
- BARRICADE TYPE III WITH STEADY BURNING LIGHT
- TEMPORARY PAVEMENT MARKINGS, TYPE III
 - SKIP-DASH WHITE, 5"
 - SKIP DASH YELLOW, 5"
 - STOP LINE, 24"
 - SOLID LINE, 4"
 - DOUBLE CENTERLINE, YELLOW, 4"
 - DOTTED LINES (2'-6" SPACE), 4"
- TEMPORARY BARRIER WALL WITH BARRIER WALL REFLECTORS
- TEMPORARY IMPACT ATTENUATORS

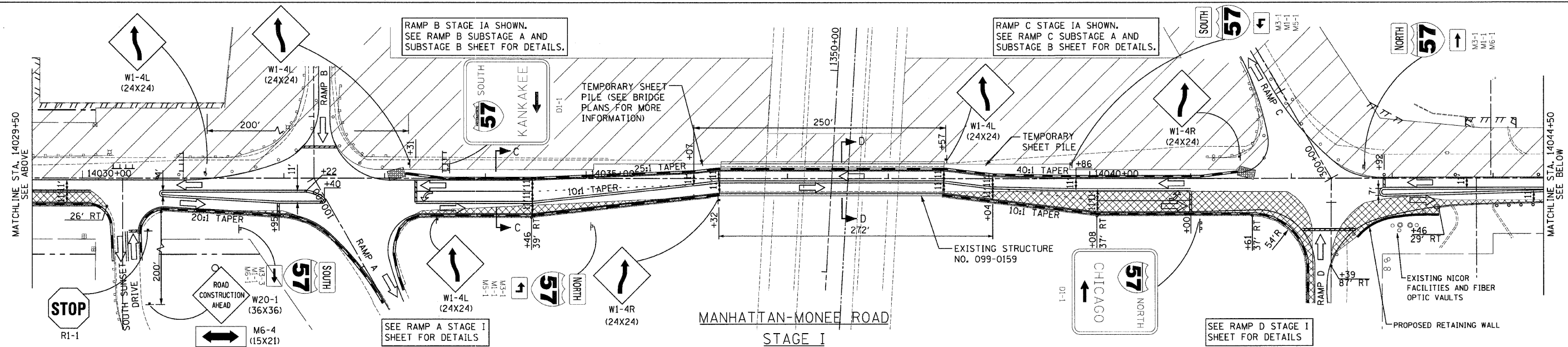
MANHATTAN-MONEE ROAD TRAFFIC CONTROL NOTES

BARRICADE TYPE I OR TYPE II	
LOCATION	SPACING
TANGENT	100' CTS
RETURNS	25' CTS
CURVES	25' CTS
SHOULDER TAPERS	50' CTS
TAPERS	12' CTS

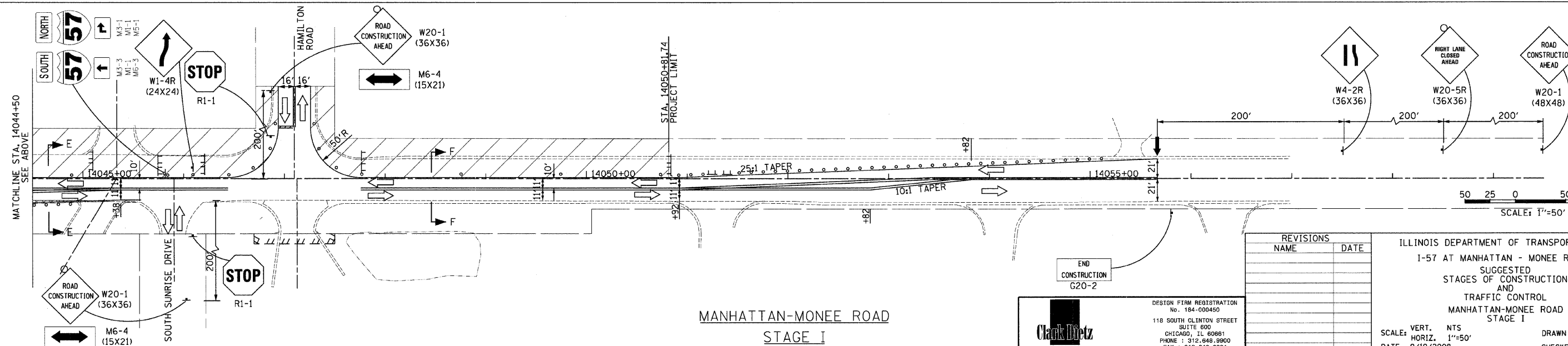
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57		WILL	303	39
STA. 14024+23.67		TO STA. 14029+50		
FED. ROAD DIST. NO. 111		ILLINOIS FED. AID PROJECT		
+991&2) R-3&9-11B-1&R-2		CONTRACT: 62253		



MANHATTAN-MONEE ROAD STAGE I



MANHATTAN-MONEE ROAD STAGE I



MANHATTAN-MONEE ROAD STAGE I

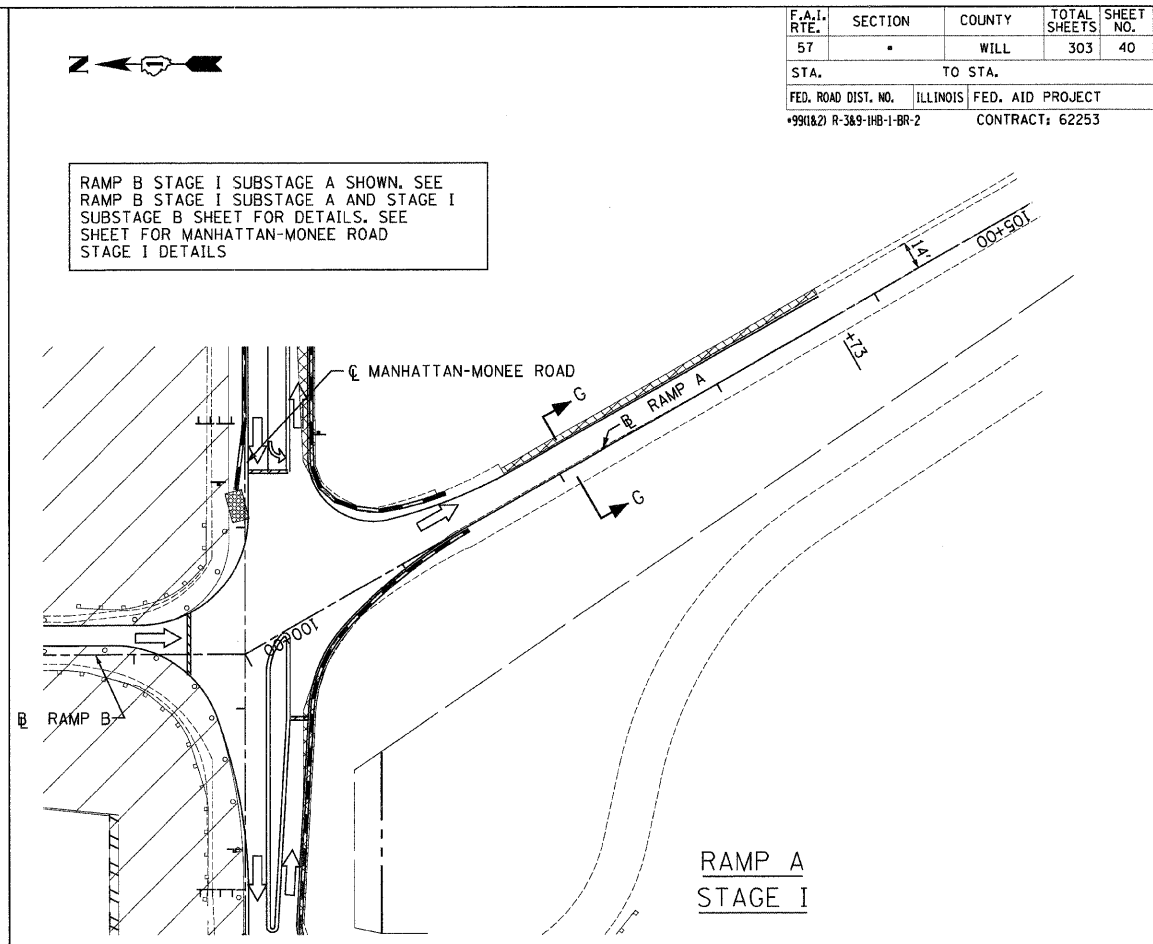
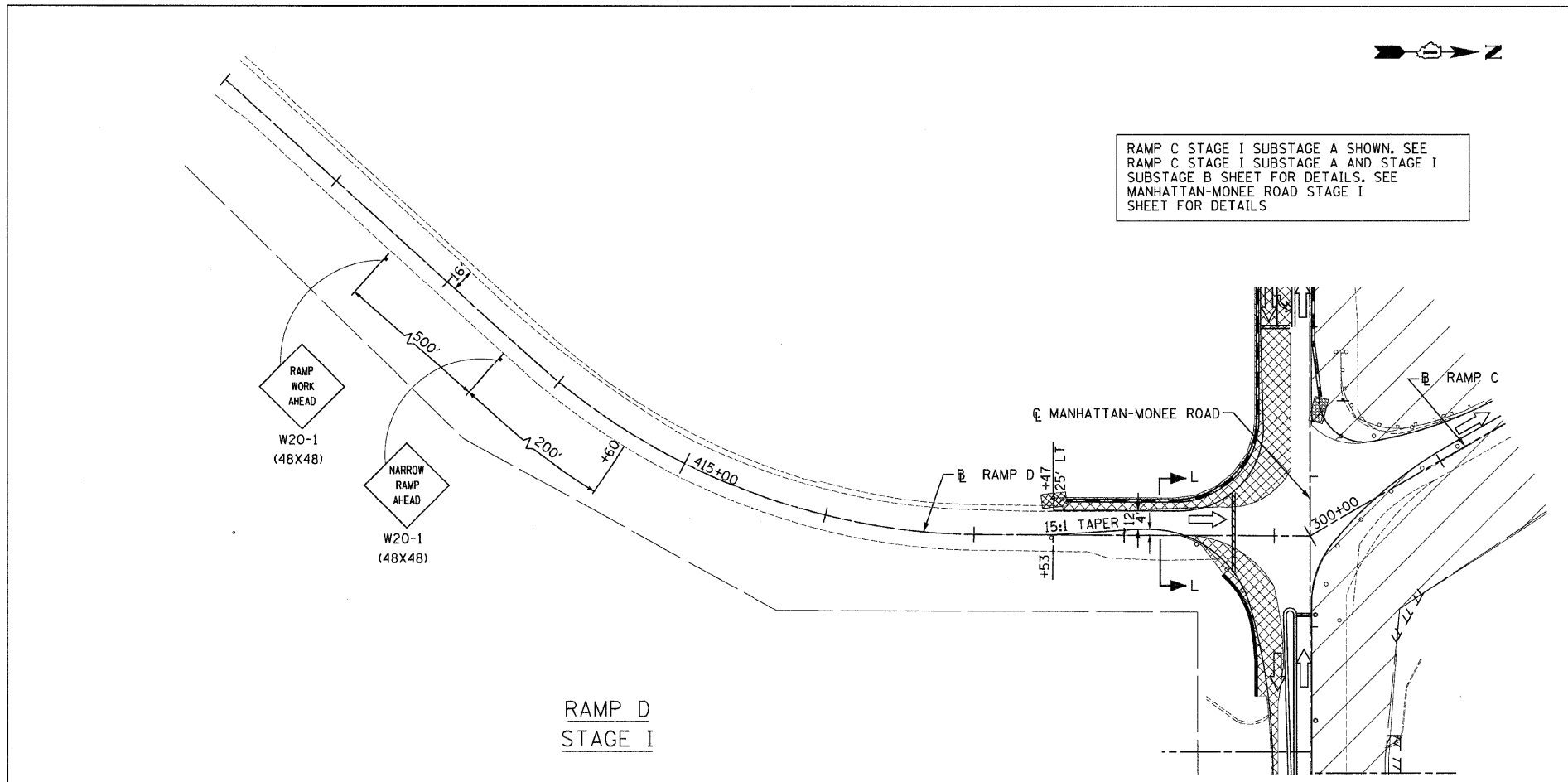
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-57 AT MANHATTAN - MONEE ROAD
 SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
 MANHATTAN-MONEE ROAD STAGE I
 SCALE: VERT. NTS
 HORIZ. 1"=50'
 DATE 9/19/2008
 DRAWN BY KLM
 CHECKED BY TMW

Clark Dietz ENGINEERS
 DESIGN FIRM REGISTRATION No. 184-000450
 SUITE 600
 118 SOUTH CLINTON STREET
 CHICAGO, IL 60661
 PHONE : 312.648.8900
 FAX : 312.648.0204

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 8/1/2008

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57		WILL	303	40
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
*9910&Z R-3&9-1HB-1-BR-2		CONTRACT: 62253		

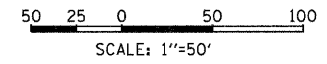


RAMPS A, B, C, AND D TRAFFIC CONTROL LEGEND

- TEMPORARY PAVEMENT
- WORK AREA
- DIRECTION OF TRAFFIC
- ARROW BOARD
- TRAFFIC SIGN
- BARRICADE TYPE II, DRUM OR VERTICAL BARRICADE WITH MONO-DIRECTIONAL STEADY BURNING LIGHT (SEE NOTES FOR SPACING)
- BARRICADE TYPE III WITH STEADY BURNING LIGHT
- TEMPORARY PAVEMENT MARKINGS, TYPE III**
- SKIP-DASH WHITE, 5"
- SKIP DASH YELLOW, 5"
- STOP LINE, 24"
- SOLID LINE, 4"
- DOUBLE CENTERLINE, YELLOW, 4"
- DOTTED LINES (2'-6" SPACE), 4"
- TEMPORARY BARRIER WALL WITH BARRIER WALL REFLECTORS
- TEMPORARY IMPACT ATTENUATORS

RAMPS A, B, C, AND D TRAFFIC CONTROL NOTES

BARRICADE TYPE II	
LOCATION	SPACING
TANGENT	100' CTS
CURVES	25' CTS
RETURNS	25' CTS
SHOULDER TAPERS	50' CTS
TAPERS	12' CTS



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-57 AT MANHATTAN - MONEE ROAD
 SUGGESTED STAGES OF CONSTRUCTION
 AND
 TRAFFIC CONTROL
 RAMPS A AND D
 STAGE I
 SCALE: VERT. NTS
 HORIZ. 1"=50'
 DATE 9/19/2008
 DRAWN BY KLM
 CHECKED BY TMW

Clark Dietz
 ENGINEERS

DESIGN FIRM REGISTRATION
 No. 184-000450
 118 SOUTH CLINTON STREET
 SUITE 900
 CHICAGO, IL 60661
 PHONE : 312.648.9900
 FAX : 312.648.0204

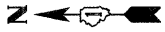
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STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
#9910&2) R-3&9-1HB-1-BR-2		CONTRACT: 62253		

RAMP A, B, C, AND D TRAFFIC CONTROL NOTES

BARRICADE TYPE II	
LOCATION	SPACING
TANGENT	100' CTS
CURVES	25' CTS
RETURNS	25' CTS
SHOULDER TAPERS	50' CTS
TAPERS	12' CTS

RAMP A, B, C, AND D TRAFFIC CONTROL LEGEND

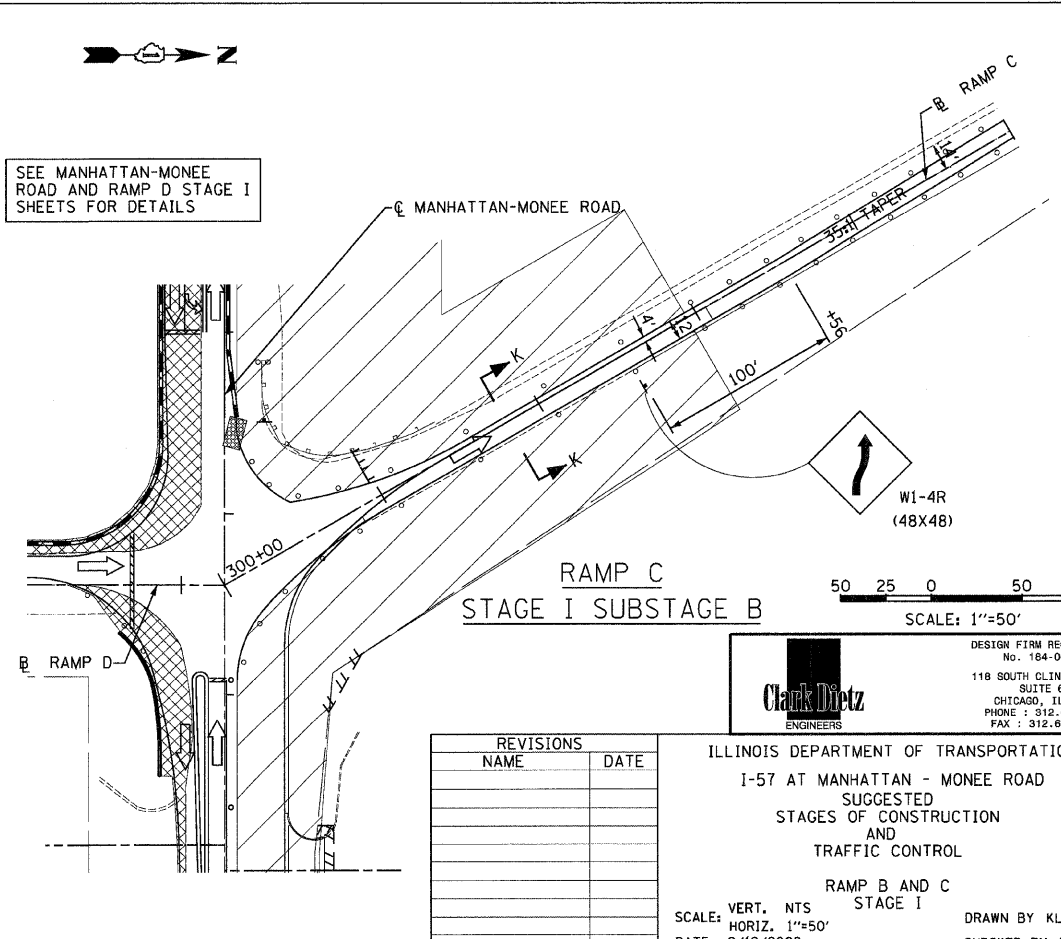
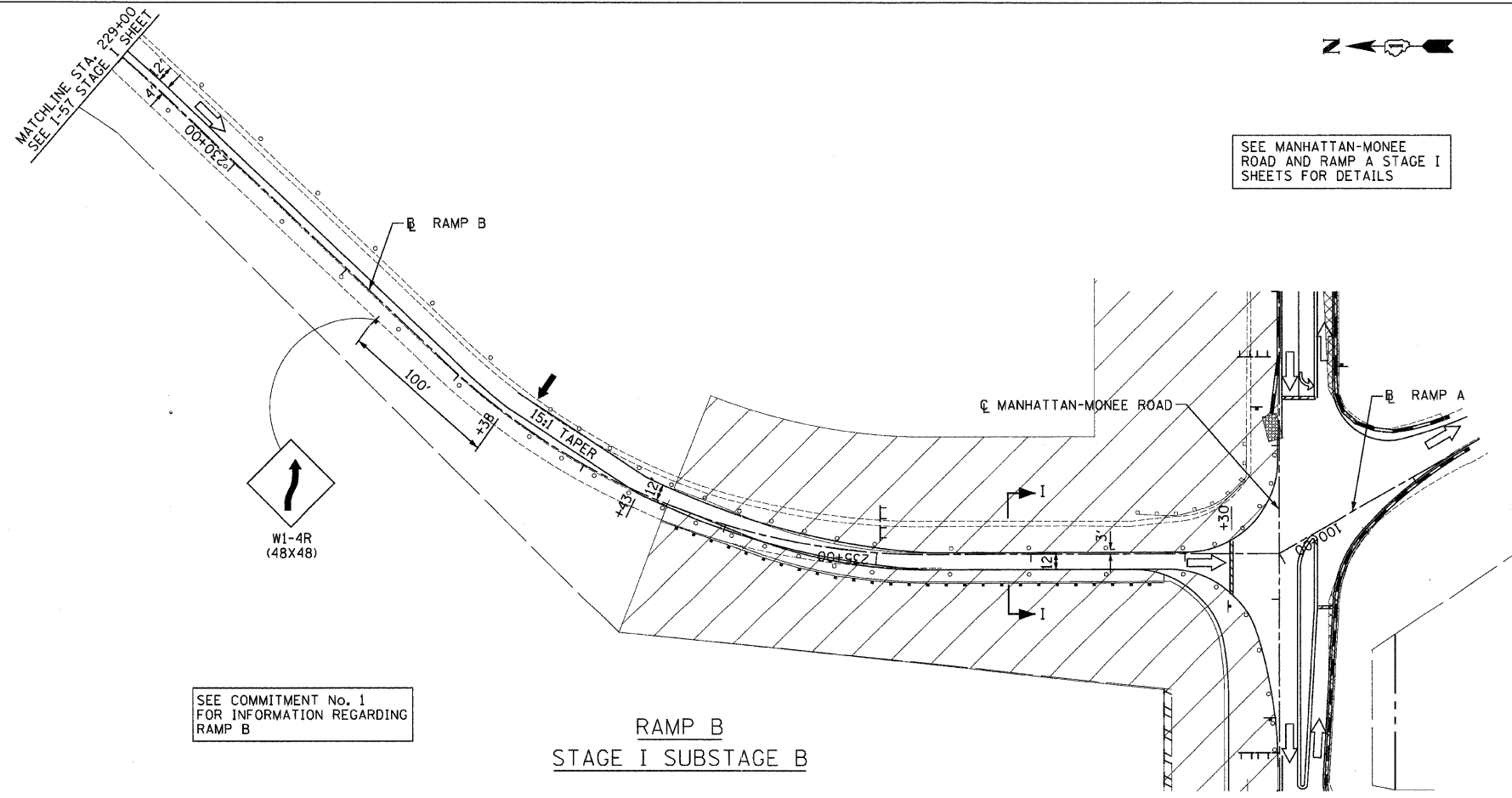
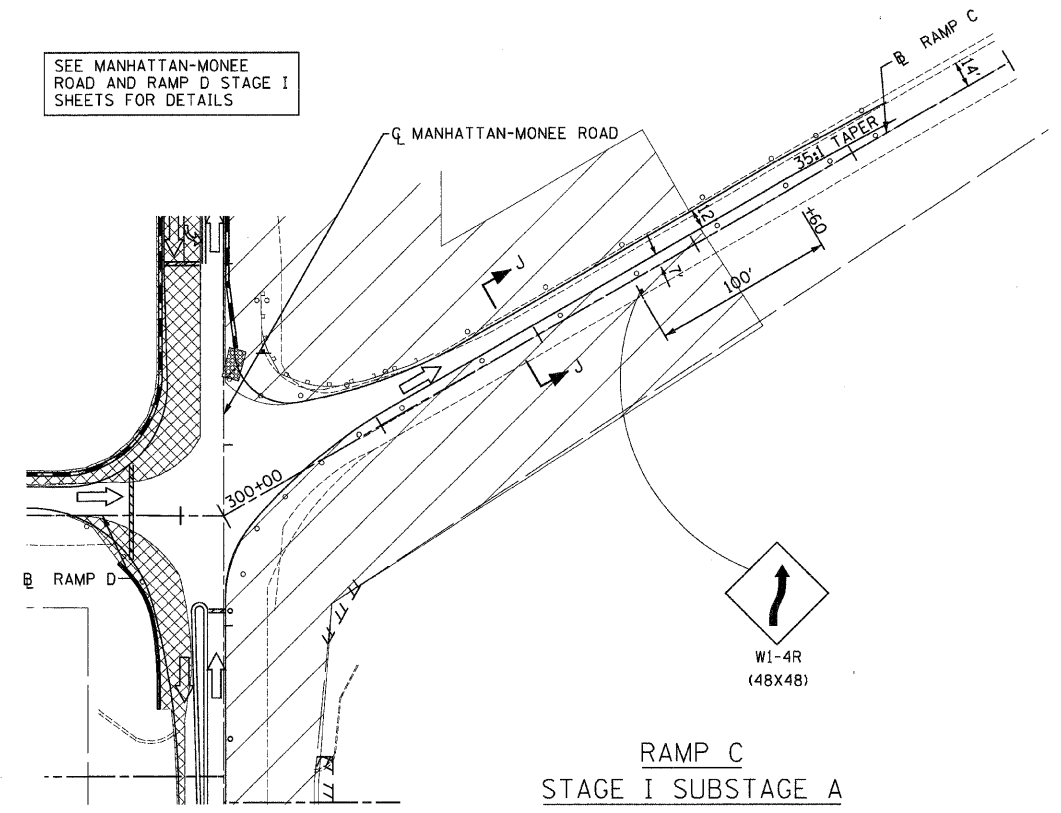
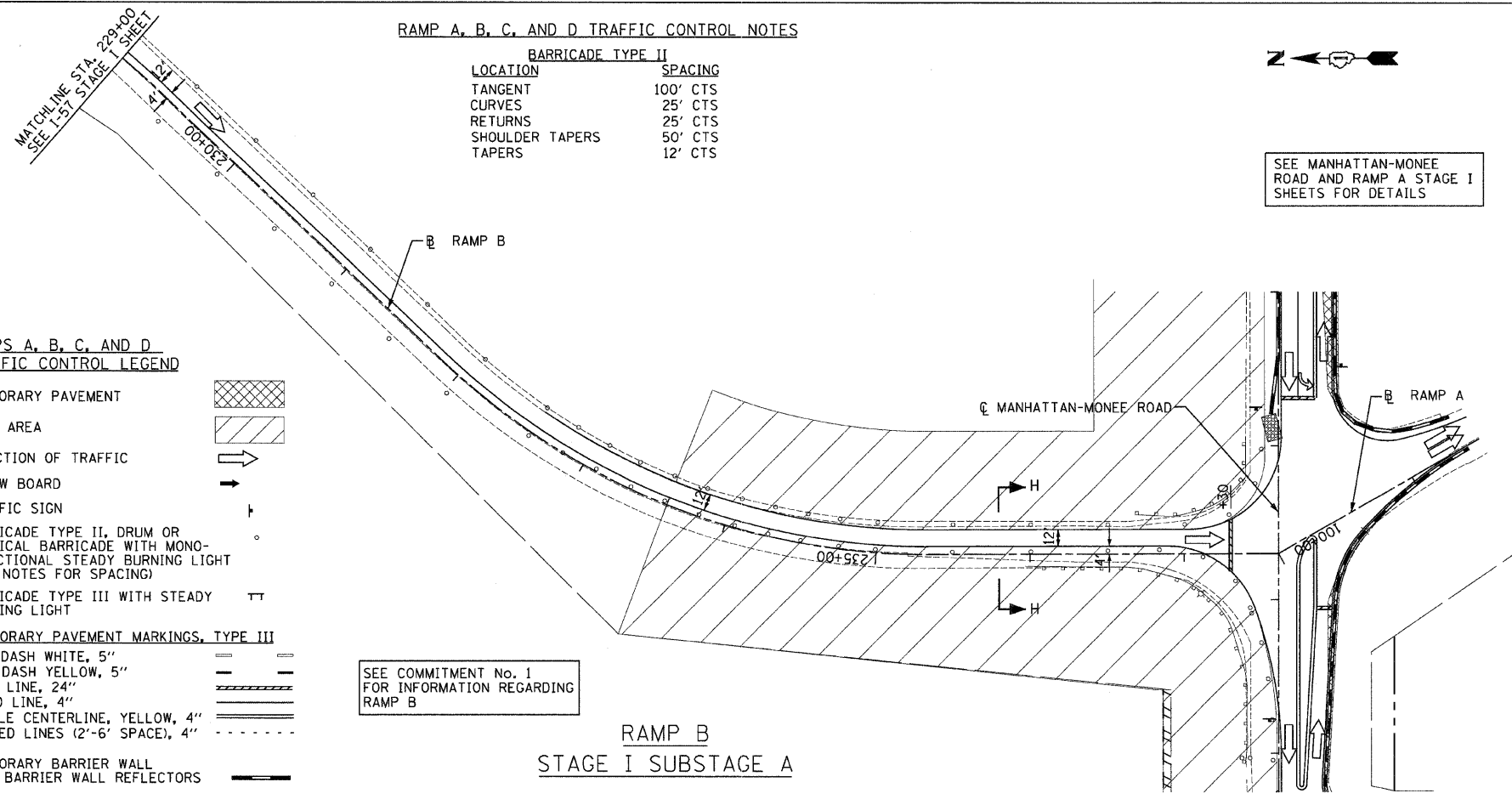
- TEMPORARY PAVEMENT
- WORK AREA
- DIRECTION OF TRAFFIC
- ARROW BOARD
- TRAFFIC SIGN
- BARRICADE TYPE II, DRUM OR VERTICAL BARRICADE WITH MONO-DIRECTIONAL STEADY BURNING LIGHT (SEE NOTES FOR SPACING)
- BARRICADE TYPE III WITH STEADY BURNING LIGHT
- TEMPORARY PAVEMENT MARKINGS, TYPE III
 - SKIP-DASH WHITE, 5"
 - SKIP-DASH YELLOW, 5"
 - STOP LINE, 24"
 - SOLID LINE, 4"
 - DOUBLE CENTERLINE, YELLOW, 4"
 - DOTTED LINES (2'-6" SPACE), 4"
- TEMPORARY BARRIER WALL WITH BARRIER WALL REFLECTORS



SEE MANHATTAN-MONEE ROAD AND RAMP A STAGE I SHEETS FOR DETAILS



SEE MANHATTAN-MONEE ROAD AND RAMP D STAGE I SHEETS FOR DETAILS



REVISIONS	
NAME	DATE

Clark Dietz
ENGINEERS

DESIGN FIRM REGISTRATION
No. 184-000450
118 SOUTH CLINTON STREET
SUITE 600
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PHONE : 312.648.9900
FAX : 312.648.0204

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-57 AT MANHATTAN - MONEE ROAD
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
RAMP B AND C STAGE I
SCALE: VERT. NTS
HORIZ. 1"=50'
DATE 9/19/2008
DRAWN BY KLM
CHECKED BY TMW

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57		WILL	303	42
STA. 1330+00 TO STA. 1343+50				
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
#99182) R-389-1B-1-BR-2		CONTRACT: 62253		



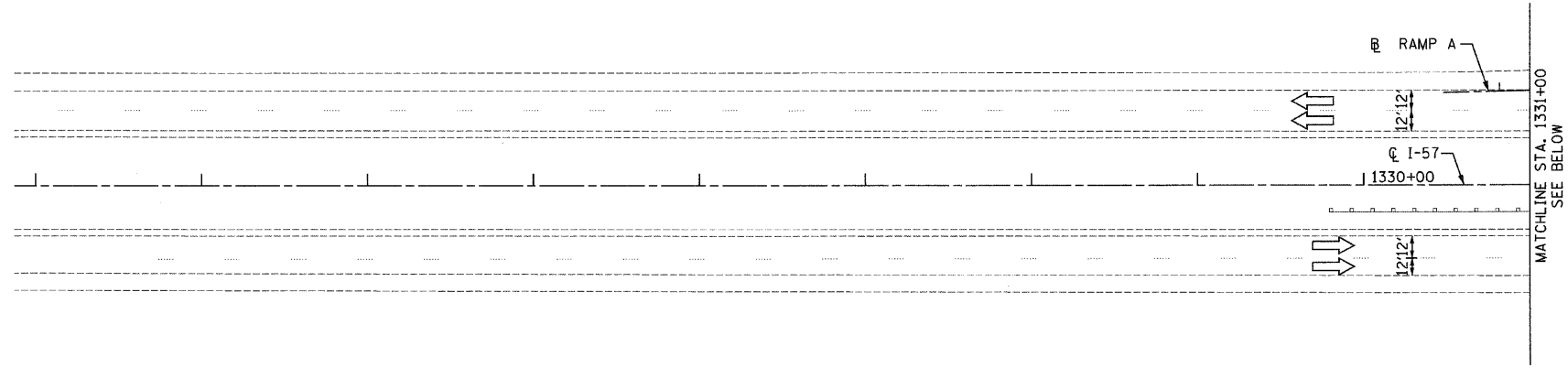
I-57 TRAFFIC CONTROL LEGEND

- TEMPORARY PAVEMENT
- WORK AREA
- DIRECTION OF TRAFFIC
- ARROW BOARD
- TRAFFIC SIGN
- BARRICADE TYPE II, DRUM OR VERTICAL BARRICADE WITH MONO-DIRECTIONAL STEADY BURNING LIGHT (SEE NOTES FOR SPACING)
- BARRICADE TYPE III WITH STEADY BURNING LIGHT
- TEMPORARY PAVEMENT MARKINGS, TYPE III**
- SKIP-DASH WHITE, 5"
- SKIP-DASH YELLOW, 5"
- STOP LINE, 24"
- SOLID LINE, 4"
- DOUBLE CENTERLINE, YELLOW, 4"
- DOTTED LINES (2'-6" SPACE), 4"
- TEMPORARY BARRIER WALL WITH BARRIER WALL REFLECTORS
- TEMPORARY IMPACT ATTENUATORS

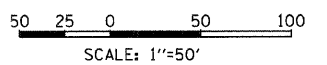
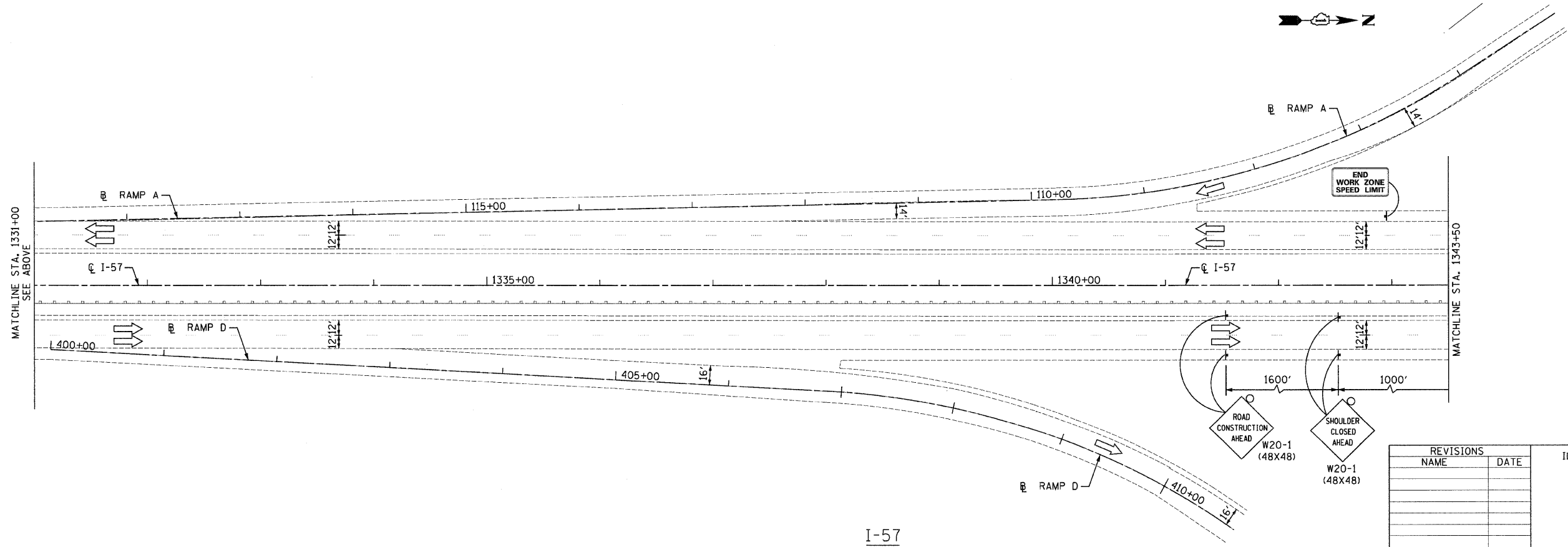
I-57 TRAFFIC CONTROL NOTES

BARRICADE TYPE II

LOCATION	SPACING
TANGENT	100' CTS
CURVES	25' CTS
RETURNS	25' CTS
SHOULDER TAPERS	50' CTS
TAPERS	12' CTS



I-57 STAGE I



Clark Dietz
ENGINEERS

DESIGN FIRM REGISTRATION No. 184-000460
118 SOUTH CLINTON STREET SUITE 600 CHICAGO, IL 60661
PHONE : 312.648.9900 FAX : 312.648.0204

REVISIONS	
NAME	DATE

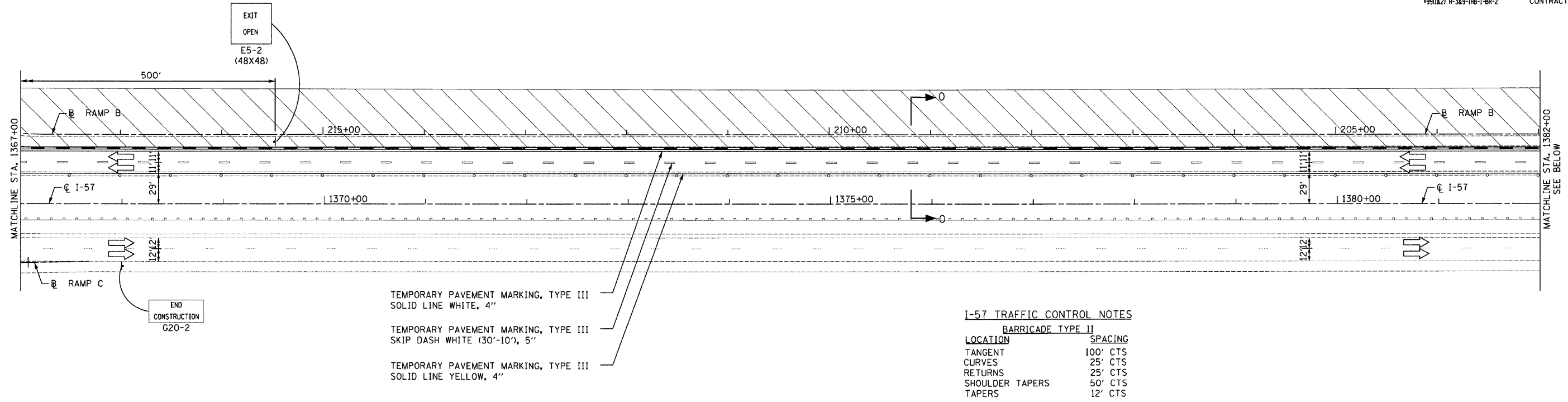
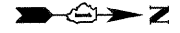
ILLINOIS DEPARTMENT OF TRANSPORTATION
I-57 AT MANHATTAN - MONEE ROAD
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
I-57 STAGE I

SCALE: VERT. NTS
HORIZ. 1"=50'
DATE 9/19/2008

DRAWN BY KLM
CHECKED BY TMW

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 8/1/2008

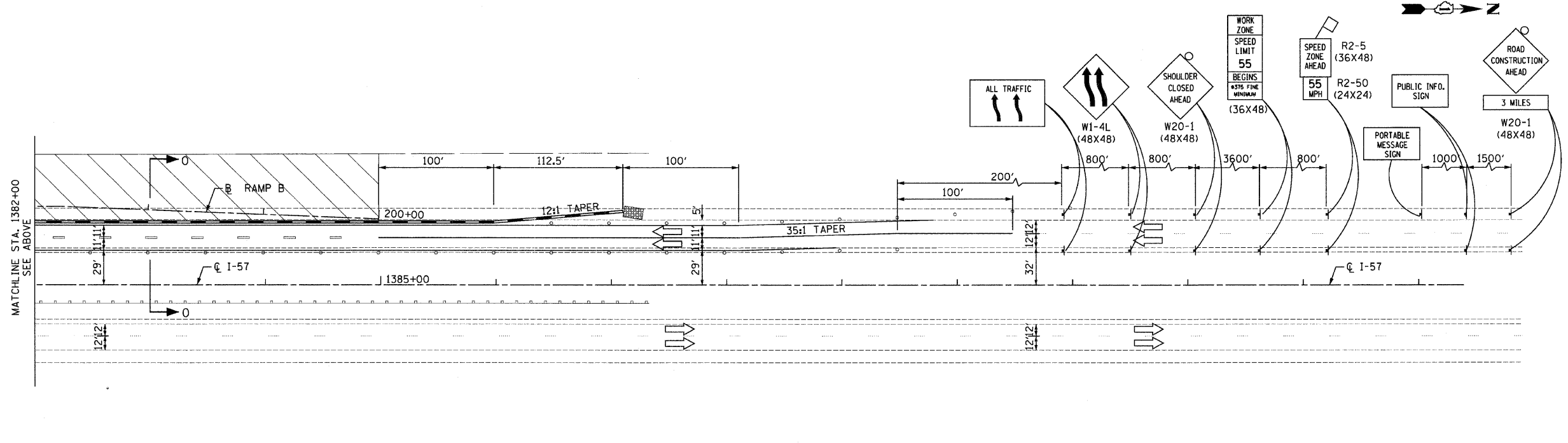
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	44
STA. 1367+00 TO STA. 1390+00		ILLINOIS		
FED. ROAD DIST. NO.		FED. AID PROJECT		CONTRACT: 62253
*991(1&2) R-389-IHB-1-BR-2				



I-57 TRAFFIC CONTROL NOTES

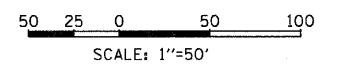
BARRICADE TYPE II	
LOCATION	SPACING
TANGENT	100' CTS
CURVES	25' CTS
RETURNS	25' CTS
SHOULDER TAPERS	50' CTS
TAPERS	12' CTS

**I-57
STAGE I**



I-57 TRAFFIC CONTROL LEGEND

- TEMPORARY PAVEMENT
- WORK AREA
- DIRECTION OF TRAFFIC
- ARROW BOARD
- TRAFFIC SIGN
- BARRICADE TYPE II, DRUM OR VERTICAL BARRICADE WITH MONO-DIRECTIONAL STEADY BURNING LIGHT (SEE NOTES FOR SPACING)
- BARRICADE TYPE III WITH STEADY BURNING LIGHT
- TEMPORARY PAVEMENT MARKINGS, TYPE III
 - SKIP-DASH WHITE, 5"
 - SKIP DASH YELLOW, 5"
 - STOP LINE, 24"
 - SOLID LINE, 4"
 - DOUBLE CENTERLINE, YELLOW, 4"
 - DOTTED LINES (2'-6" SPACE), 4"
- TEMPORARY BARRIER WALL WITH BARRIER WALL REFLECTORS
- TEMPORARY IMPACT ATTENUATORS



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-57 AT MANHATTAN - MONEE ROAD
 SUGGESTED STAGES OF CONSTRUCTION
 AND
 TRAFFIC CONTROL
 I-57
 STAGE I

SCALE: VERT. NTS
 HORIZ. 1"=50'
 DATE 9/19/2008

DRAWN BY KLM
 CHECKED BY TMW

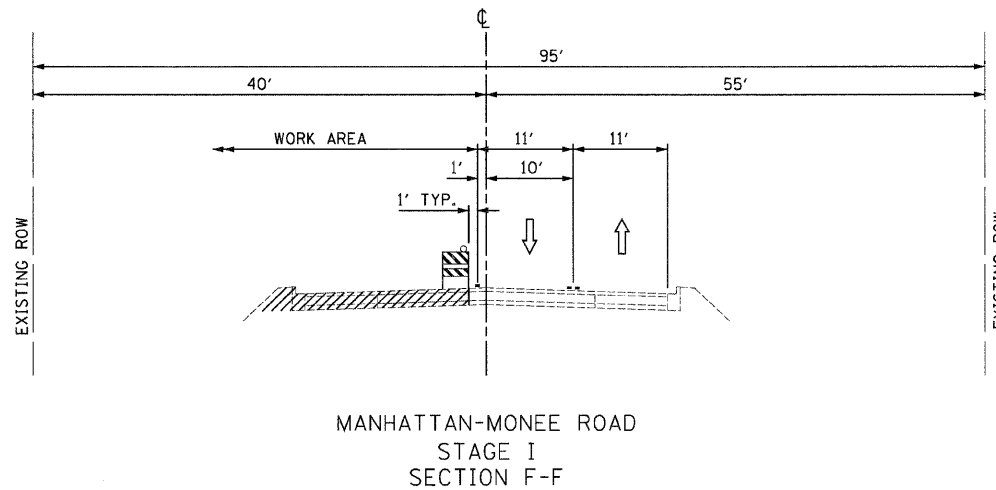
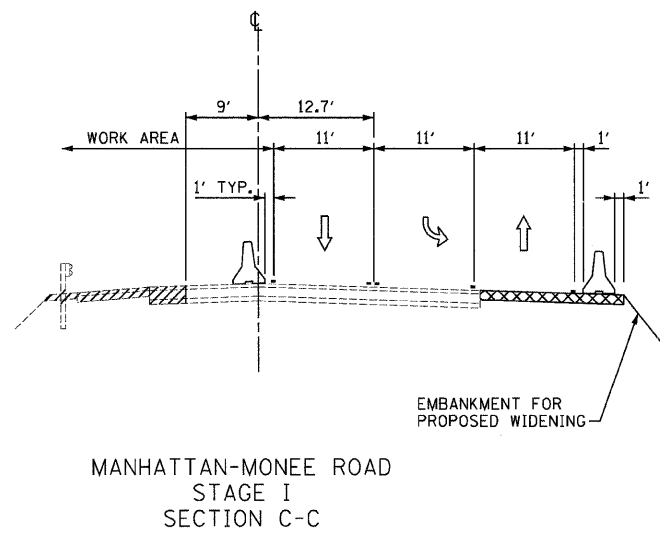
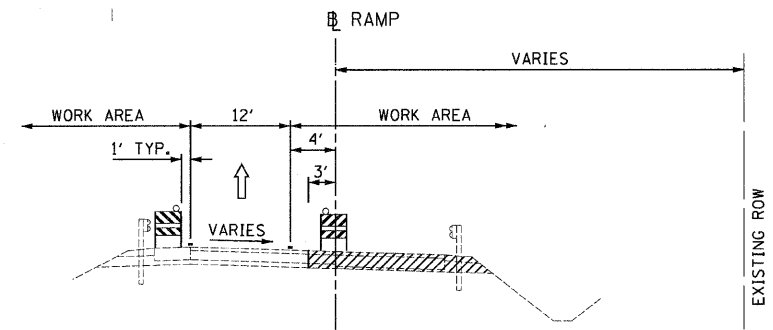
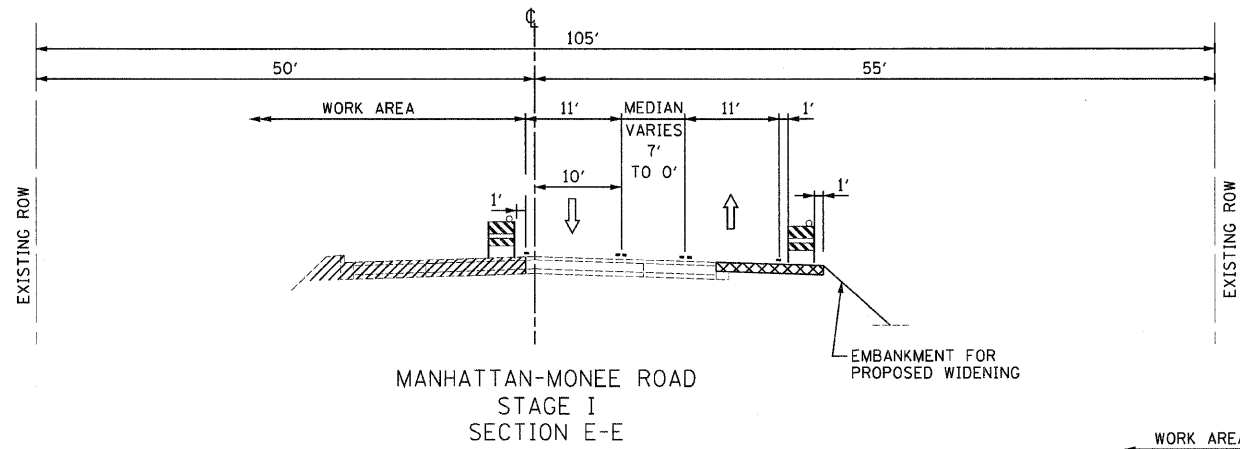
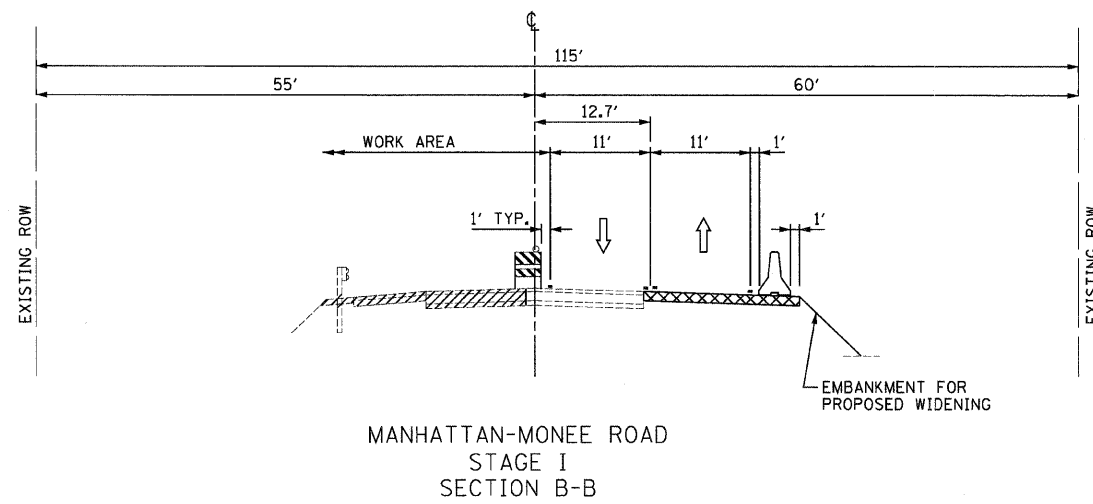
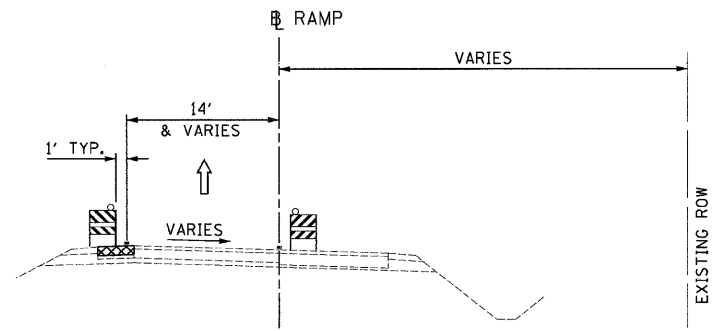
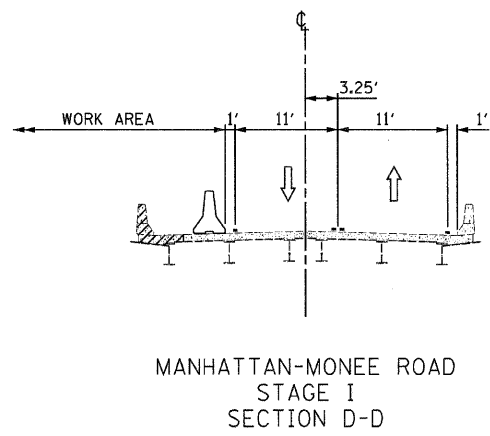
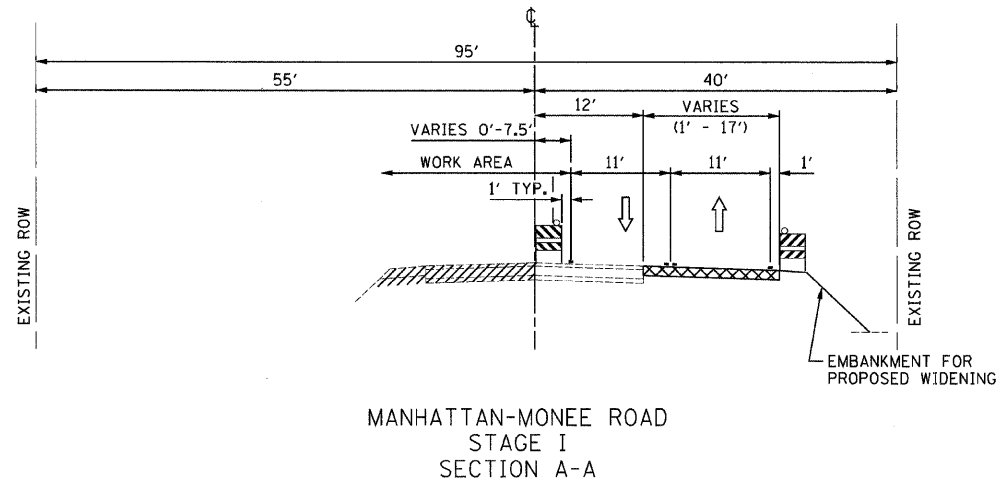
**I-57
STAGE I**

Clark Dietz
 ENGINEERS

DESIGN FIRM REGISTRATION
 No. 184-000450
 118 SOUTH CLINTON STREET
 SUITE 600
 CHICAGO, IL 60661
 PHONE : 312.648.9900
 FAX : 312.648.0204

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 8/1/2008

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	45
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
*990182) R-389-1HB-1-BR-2		CONTRACT: 62253		



LEGEND

	PAVEMENT CONSTRUCTION	- TEMPORARY PAVEMENT MARKING TYPE, COLOR, AND SIZE ARE SHOWN ON STAGING PLAN SHEETS
	TEMPORARY PAVEMENT	

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-57 AT MANHATTAN - MONEE ROAD
 SUGGESTED STAGES OF CONSTRUCTION
 AND
 TRAFFIC CONTROL
 TYPICAL SECTIONS
 STAGE I

SCALE: VERT. NTS
 HORIZ. NTS
 DATE 9/19/2008

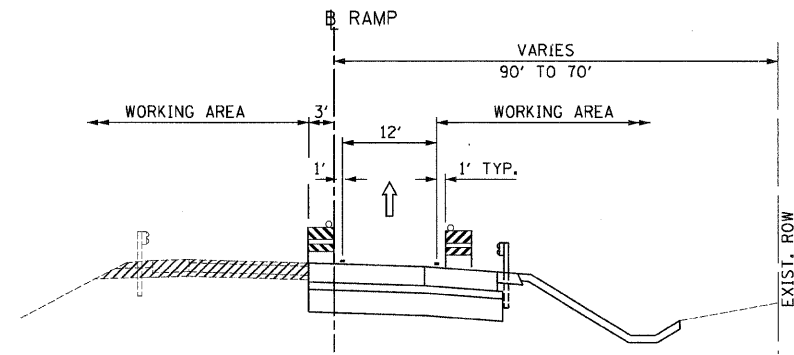
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 CHECKED BY TMW

Clark Dietz
 ENGINEERS

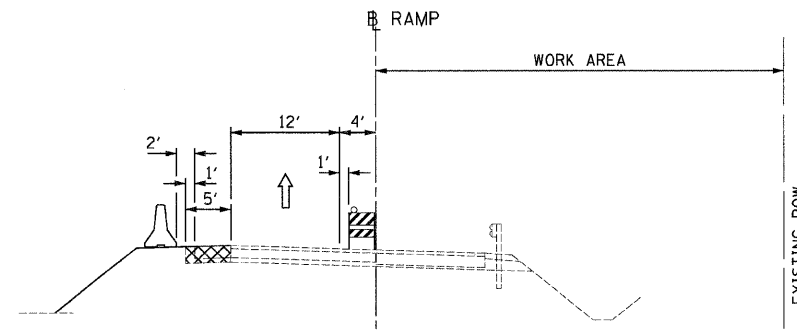
DESIGN FIRM REGISTRATION
 No. 184-000450
 118 SOUTH CLINTON STREET
 SUITE 600
 CHICAGO, IL 60661
 PHONE : 312.648.8900
 FAX : 312.648.0204

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 8/17/2008

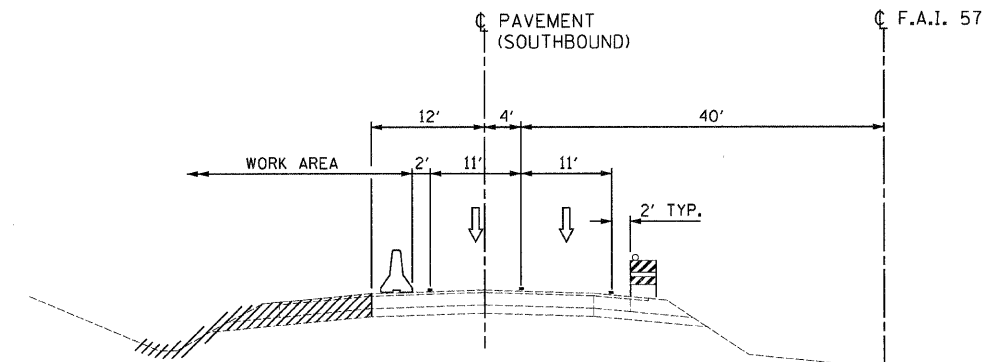
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	46
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
991820 R-389-1HB-1-BR-2	CONTRACT: 62253			



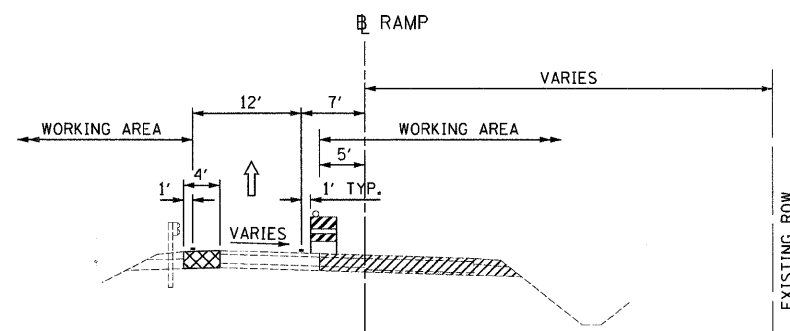
RAMP B
STAGE I SUBSTAGE B
SECTION I-I



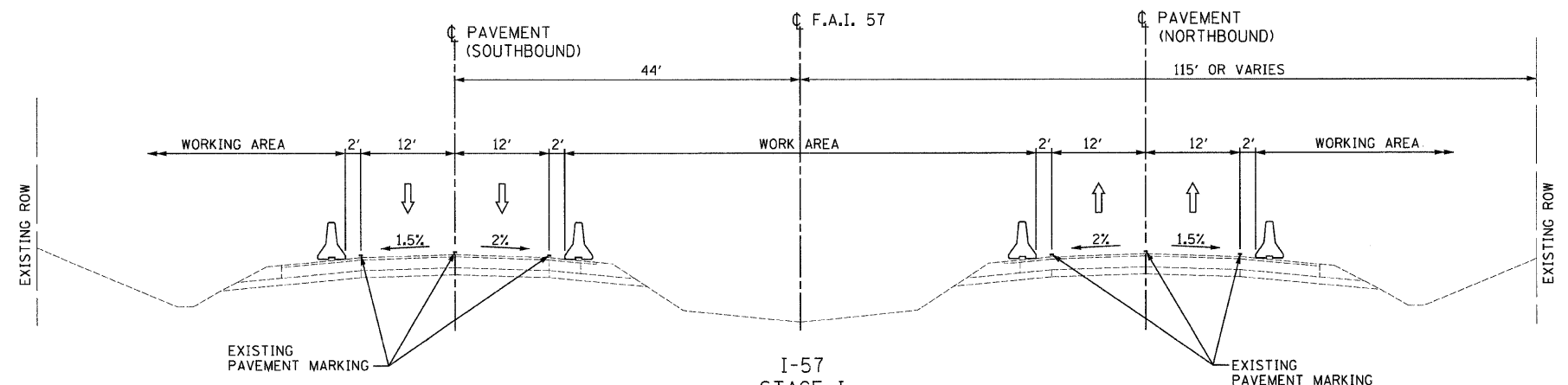
RAMP D
STAGE I
SECTION L-L



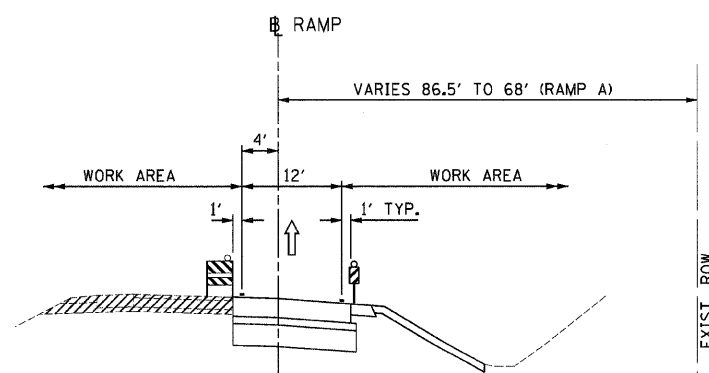
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STAGE I
SECTION O-O



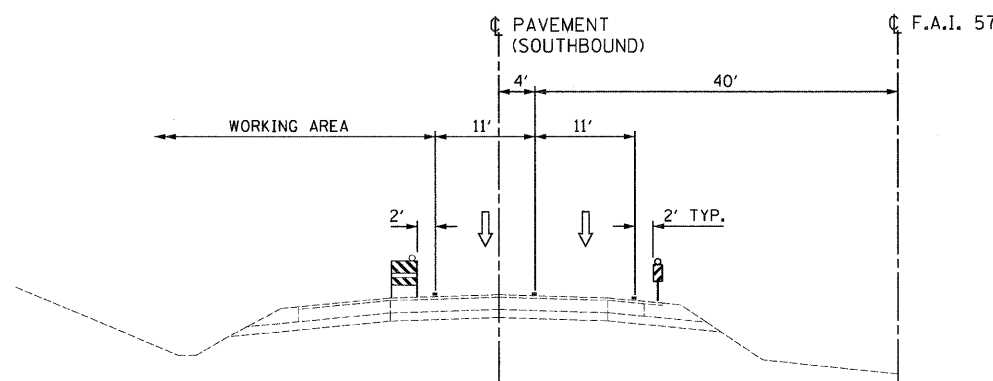
RAMP C
STAGE I SUBSTAGE A
SECTION J-J



I-57
STAGE I
SECTION M-M



RAMP C
STAGE I SUBSTAGE B
SECTION K-K



I-57
STAGE I
SECTION N-N

LEGEND

- PAVEMENT CONSTRUCTION
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT MARKING TYPE, COLOR, AND SIZE ARE SHOWN ON STAGING PLAN SHEETS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-57 AT MANHATTAN - MONEE ROAD
SUGGESTED STAGES OF CONSTRUCTION
AND
TRAFFIC CONTROL
TYPICAL SECTIONS
STAGE I

SCALE: VERT. NTS
HORIZ. NTS
DATE 9/19/2008
DRAWN BY KLM
CHECKED BY TMW

Clark Dietz
ENGINEERS

DESIGN FIRM REGISTRATION
No. 184-000450
118 SOUTH CLINTON STREET
SUITE 800
CHICAGO, IL 60661
PHONE : 312.648.8900
FAX : 312.648.0204

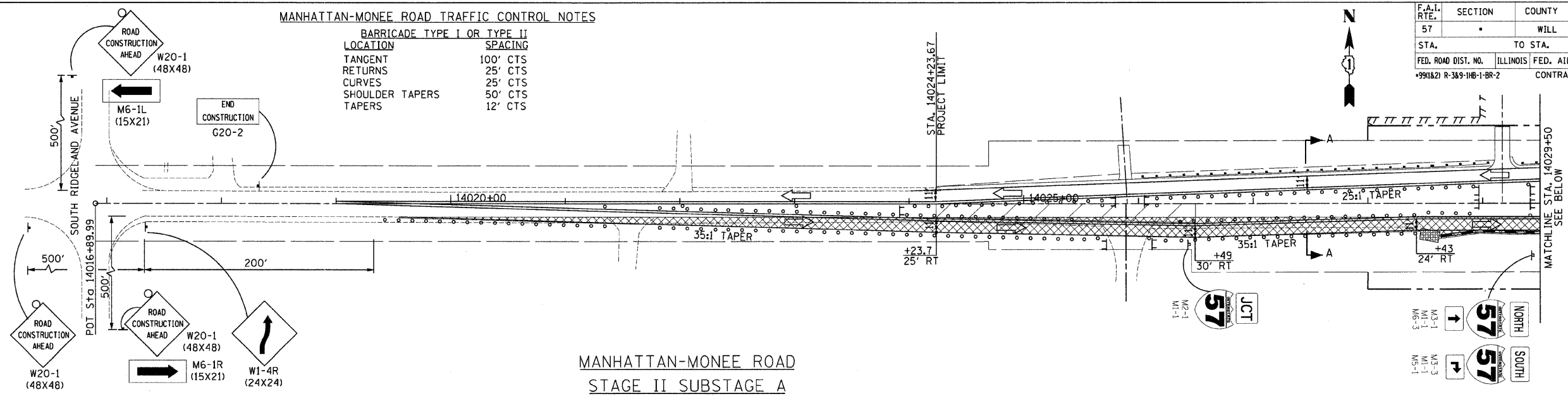
MANHATTAN-MONEE ROAD TRAFFIC CONTROL LEGEND

- TEMPORARY PAVEMENT, 6 IN.
- WORK AREA
- DIRECTION OF TRAFFIC
- ARROW BOARD
- TRAFFIC SIGN
- BARRICADE TYPE II, DRUM OR VERTICAL BARRICADE WITH MONO-DIRECTIONAL STEADY BURNING LIGHT (SEE NOTES FOR SPACING)
- BARRICADE TYPE III WITH STEADY BURNING LIGHT
- TEMPORARY PAVEMENT MARKINGS, TYPE III
 - SKIP-DASH WHITE, 5"
 - SKIP DASH YELLOW, 5"
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 - SOLID LINE, 4"
 - DOUBLE CENTERLINE, YELLOW, 4"
 - DOTTED LINES (2'-6" SPACE), 4"
- TEMPORARY BARRIER WALL WITH BARRIER WALL REFLECTORS
- TEMPORARY IMPACT ATTENUATORS

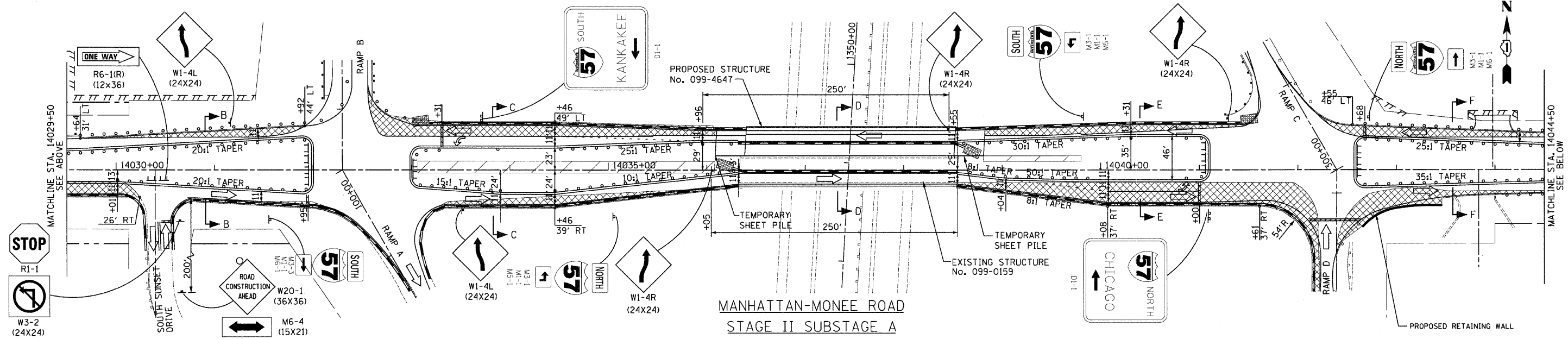
MANHATTAN-MONEE ROAD TRAFFIC CONTROL NOTES

BARRICADE TYPE I OR TYPE II LOCATION	SPACING
TANGENT	100' CTS
RETURNS	25' CTS
CURVES	25' CTS
SHOULDER TAPERS	50' CTS
TAPERS	12' CTS

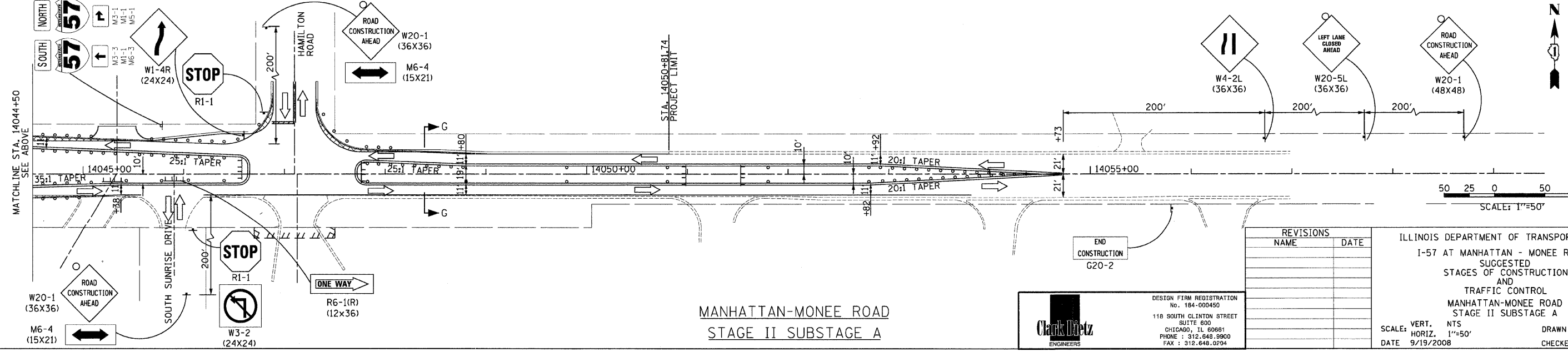
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57		WILL	303	47
STA. TO STA.				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
*991(2) R-389-11B-1-BR-2		CONTRACT: G2253		



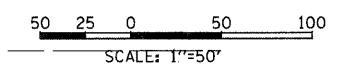
**MANHATTAN-MONEE ROAD
STAGE II SUBSTAGE A**



**MANHATTAN-MONEE ROAD
STAGE II SUBSTAGE A**



**MANHATTAN-MONEE ROAD
STAGE II SUBSTAGE A**



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-57 AT MANHATTAN - MONEE ROAD
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
MANHATTAN-MONEE ROAD
STAGE II SUBSTAGE A

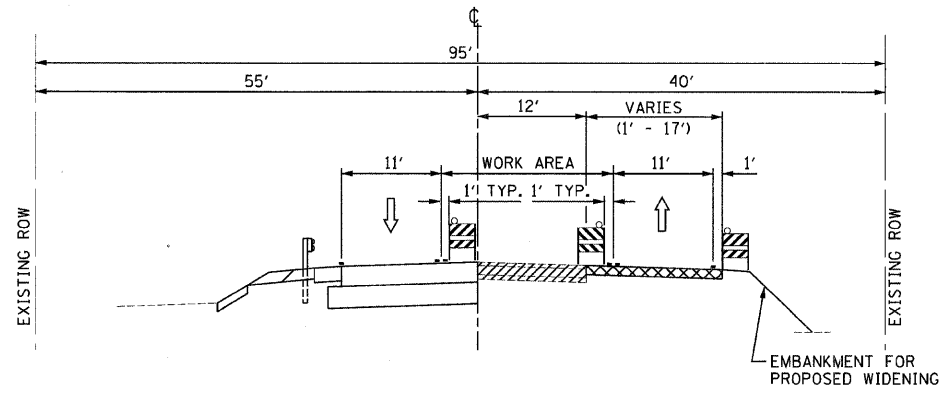
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HORIZ. 1"=50'
DATE 9/19/2008
DRAWN BY KLM
CHECKED BY TNW

Clark Dietz
ENGINEERS

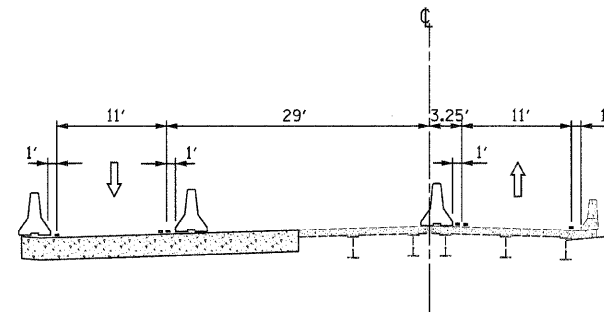
DESIGN FIRM REGISTRATION
No. 184-000450
118 SOUTH CLINTON STREET
SUITE 600
CHICAGO, IL 60681
PHONE : 312.646.8960
FAX : 312.646.0294

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 8/17/2008

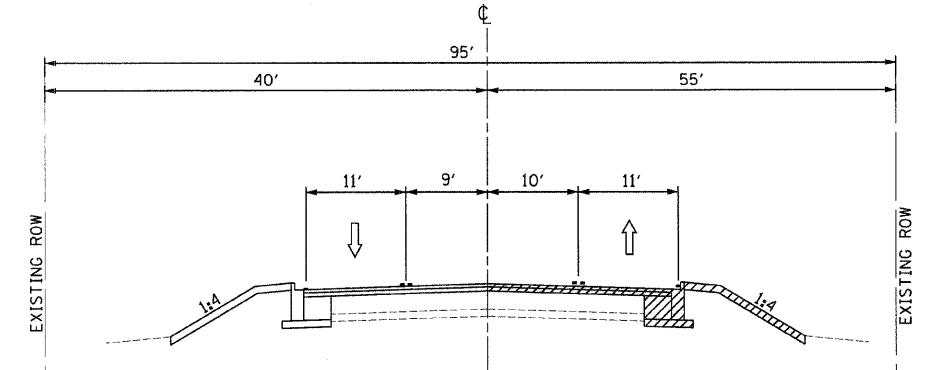
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57		WILL	303	48
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
9901621 R-389-110-1-BR-2		CONTRACT: 62253		



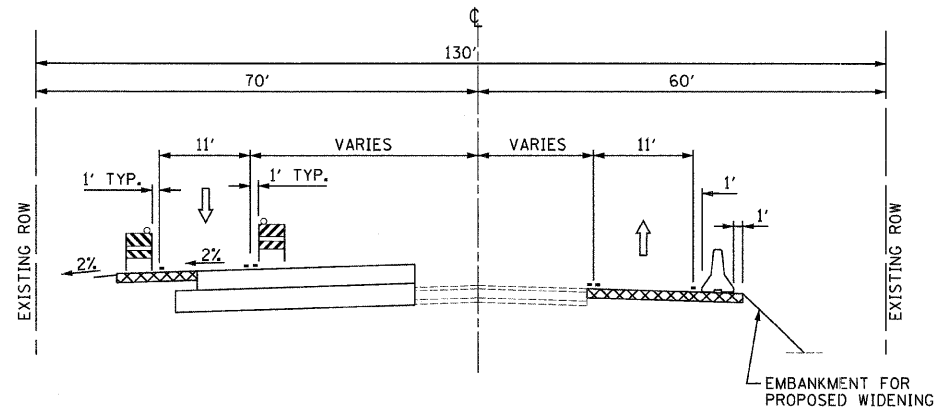
MANHATTAN-MONEE ROAD
STAGE II SUBSTAGE A
SECTION A-A



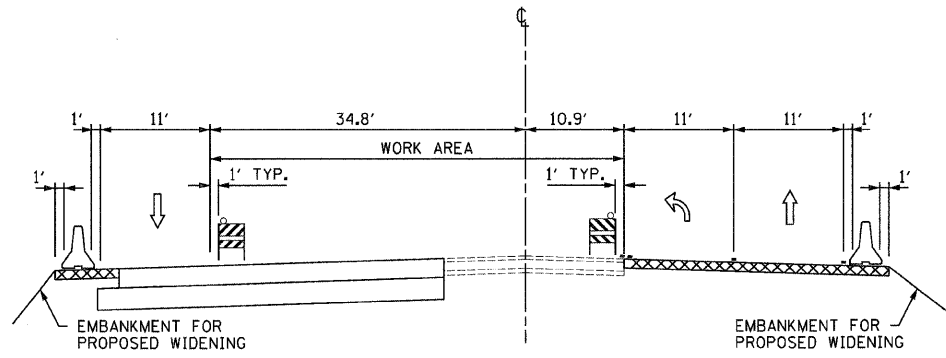
MANHATTAN-MONEE ROAD
STAGE II SUBSTAGE A
SECTION D-D



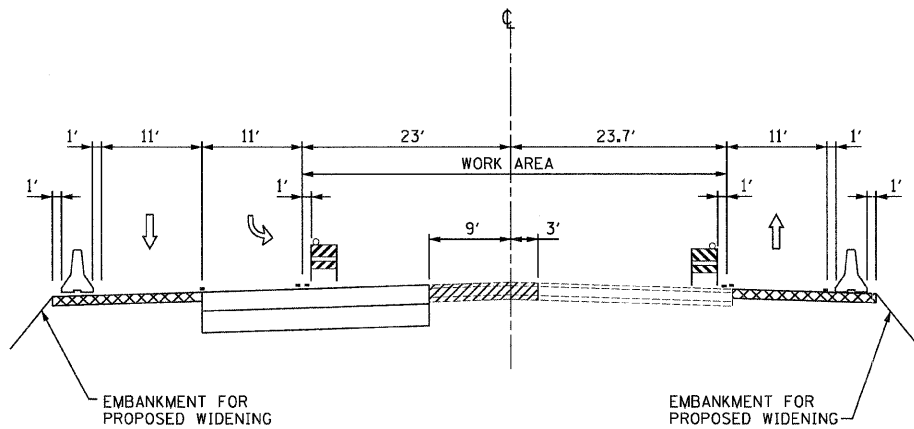
MANHATTAN-MONEE ROAD
STAGE II SUBSTAGE A
SECTION G-G



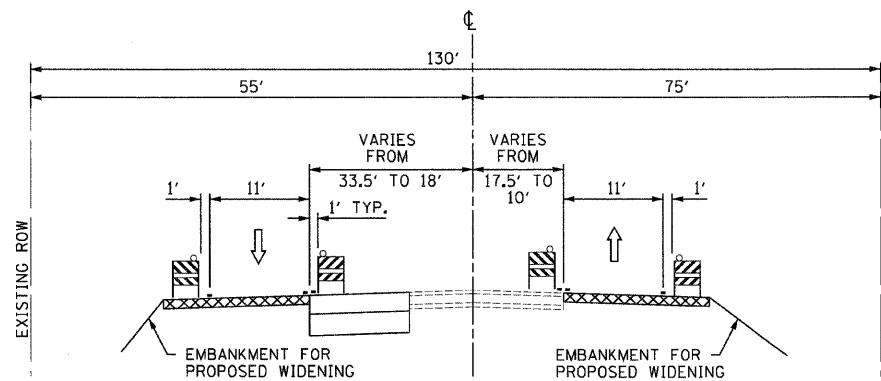
MANHATTAN-MONEE ROAD
STAGE II SUBSTAGE A
SECTION B-B



MANHATTAN-MONEE ROAD
STAGE II SUBSTAGE A
SECTION E-E



MANHATTAN-MONEE ROAD
STAGE II SUBSTAGE A
SECTION C-C



MANHATTAN-MONEE ROAD
STAGE II SUBSTAGE A
SECTION F-F

LEGEND

	PAVEMENT CONSTRUCTION	-	TEMPORARY PAVEMENT MARKING TYPE, COLOR, AND SIZE ARE SHOWN ON STAGING PLAN SHEETS
	TEMPORARY PAVEMENT		

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-57 AT MANHATTAN - MONEE ROAD
SUGGESTED STAGES OF CONSTRUCTION
AND
TRAFFIC CONTROL
TYPICAL SECTIONS
STAGE II SUBSTAGE A

SCALE: VERT. NTS
HORIZ. NTS
DATE 9/19/2008

DRAWN BY KLM
CHECKED BY TMW

Clark Dietz
ENGINEERS

DESIGN FIRM REGISTRATION
No. 184-000450
118 SOUTH CLINTON STREET
SUITE 600
CHICAGO, IL 60681
PHONE : 312.648.9900
FAX : 312.648.0204

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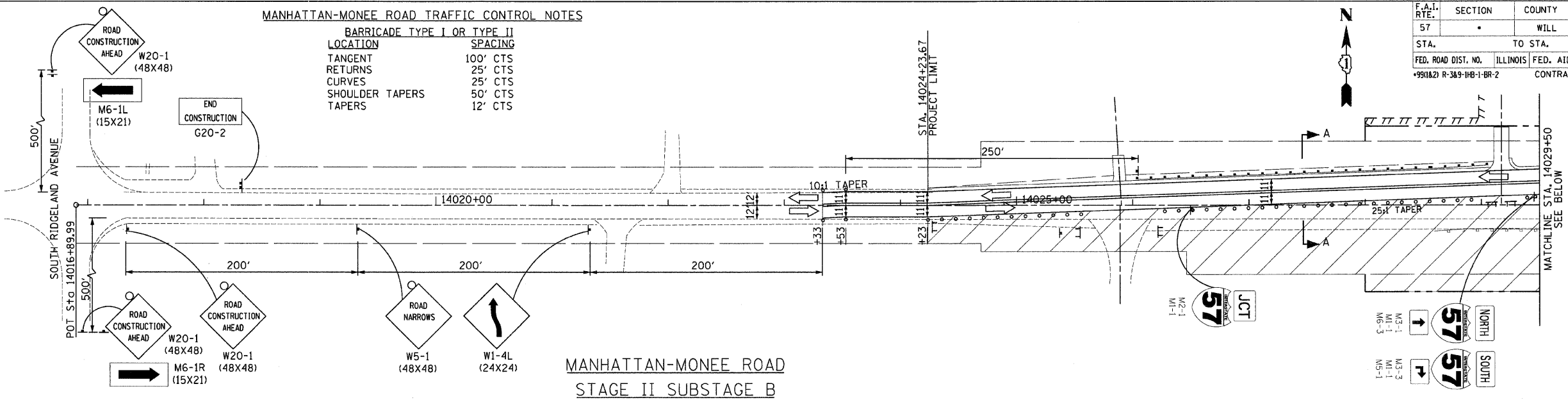
MANHATTAN-MONEE ROAD TRAFFIC CONTROL LEGEND

- TEMPORARY PAVEMENT, 6 IN.
- WORK AREA
- DIRECTION OF TRAFFIC
- ARROW BOARD
- TRAFFIC SIGN
- BARRICADE TYPE II, DRUM OR VERTICAL BARRICADE WITH MONO-DIRECTIONAL STEADY BURNING LIGHT (SEE NOTES FOR SPACING)
- BARRICADE TYPE III WITH STEADY BURNING LIGHT
- TEMPORARY PAVEMENT MARKINGS, TYPE III
 - SKIP-DASH WHITE, 5"
 - SKIP DASH YELLOW, 5"
 - STOP LINE, 24"
 - SOLID LINE, 4"
 - DOUBLE CENTERLINE, YELLOW, 4"
 - DOTTED LINES (2'-6" SPACE), 4"
- TEMPORARY BARRIER WALL WITH BARRIER WALL REFLECTORS
- TEMPORARY IMPACT ATTENUATORS

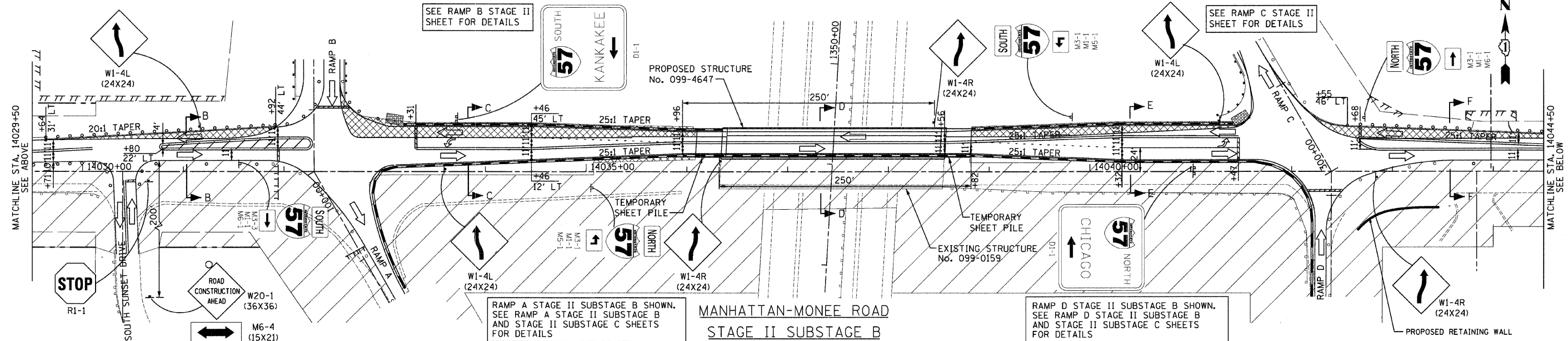
MANHATTAN-MONEE ROAD TRAFFIC CONTROL NOTES

BARRICADE TYPE I OR TYPE II	
LOCATION	SPACING
TANGENT	100' CTS
RETURNS	25' CTS
CURVES	25' CTS
SHOULDER TAPERS	50' CTS
TAPERS	12' CTS

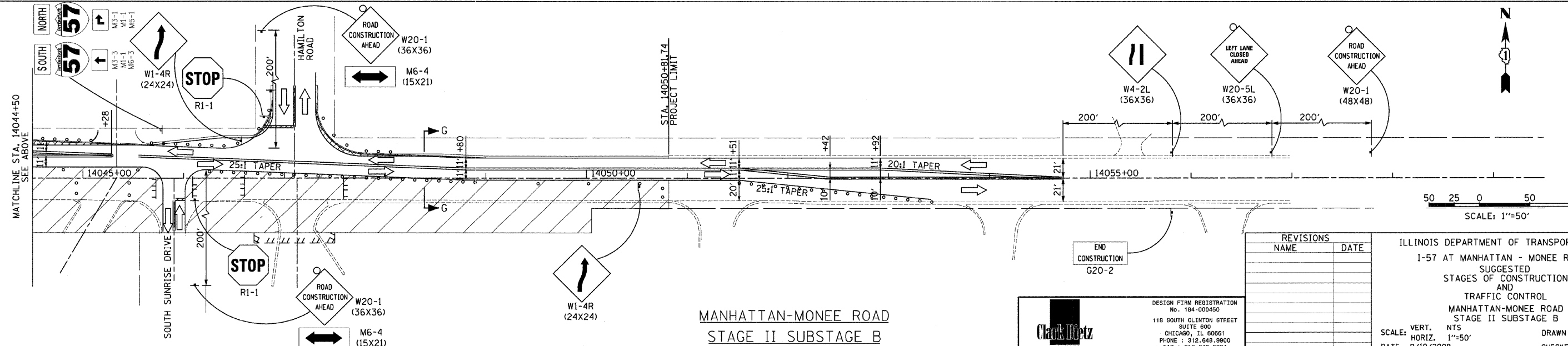
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STA. TO STA.				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
+991023 R-389-10B-1-BR-2		CONTRACT: 62253		



MANHATTAN-MONEE ROAD STAGE II SUBSTAGE B



MANHATTAN-MONEE ROAD STAGE II SUBSTAGE B



MANHATTAN-MONEE ROAD STAGE II SUBSTAGE B

SCALE: 1"=50'

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-57 AT MANHATTAN - MONEE ROAD
 SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
 MANHATTAN-MONEE ROAD STAGE II SUBSTAGE B
 SCALE: VERT. NTS
 HORIZ. 1"=50'
 DATE 9/19/2008
 DRAWN BY KLM
 CHECKED BY TMW

Clark Dietz
 ENGINEERS
 DESIGN FIRM REGISTRATION No. 184-000450
 118 SOUTH CLINTON STREET SUITE 600
 CHICAGO, IL 60661
 PHONE : 312.648.9900 FAX : 312.648.0204

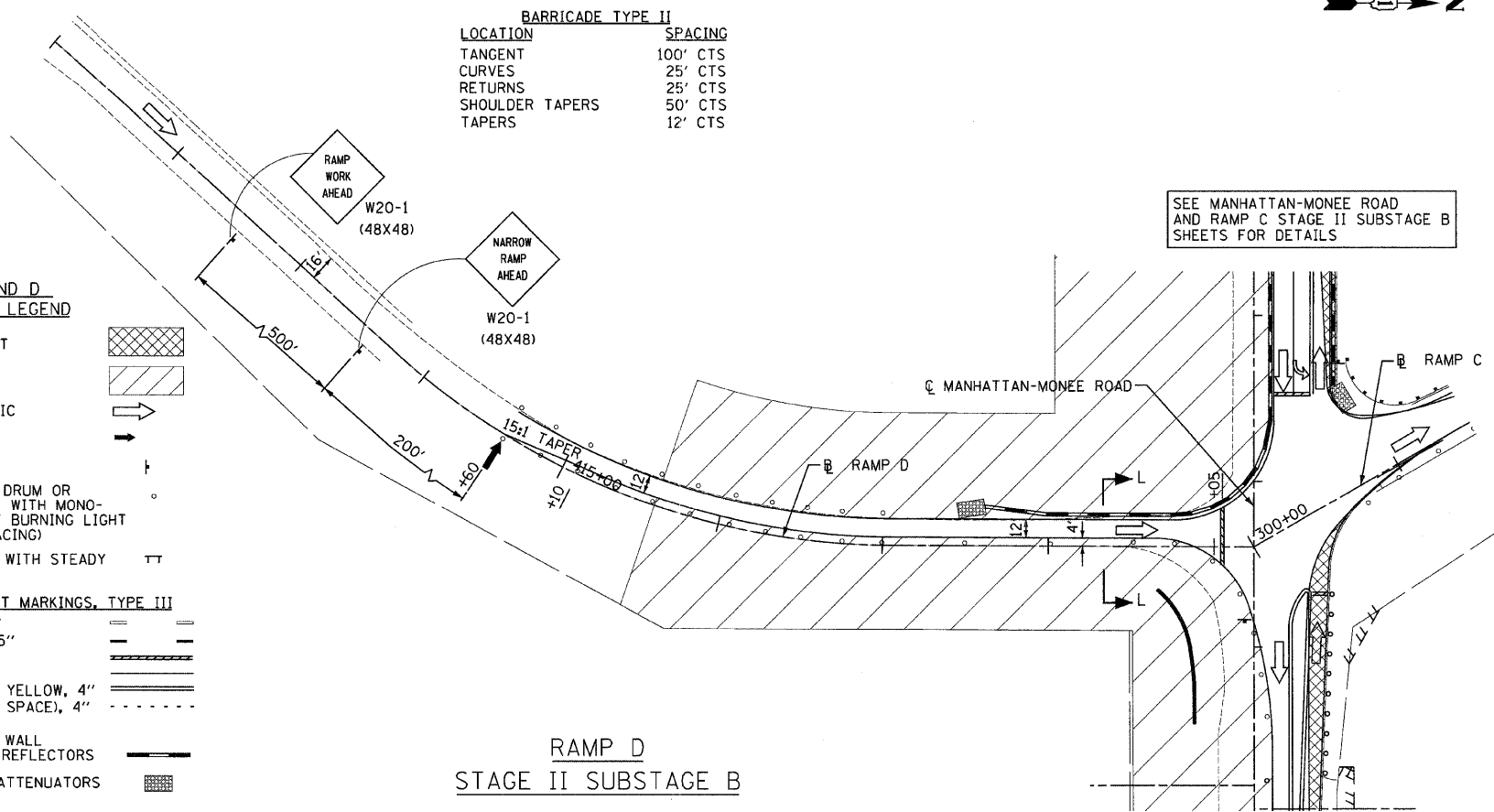
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 8/17/2008

RAMP A, B, C, AND D TRAFFIC CONTROL NOTES

BARRICADE TYPE II	
LOCATION	SPACING
TANGENT	100' CTS
CURVES	25' CTS
RETURNS	25' CTS
SHOULDER TAPERS	50' CTS
TAPERS	12' CTS

RAMP A, B, C, AND D TRAFFIC CONTROL LEGEND

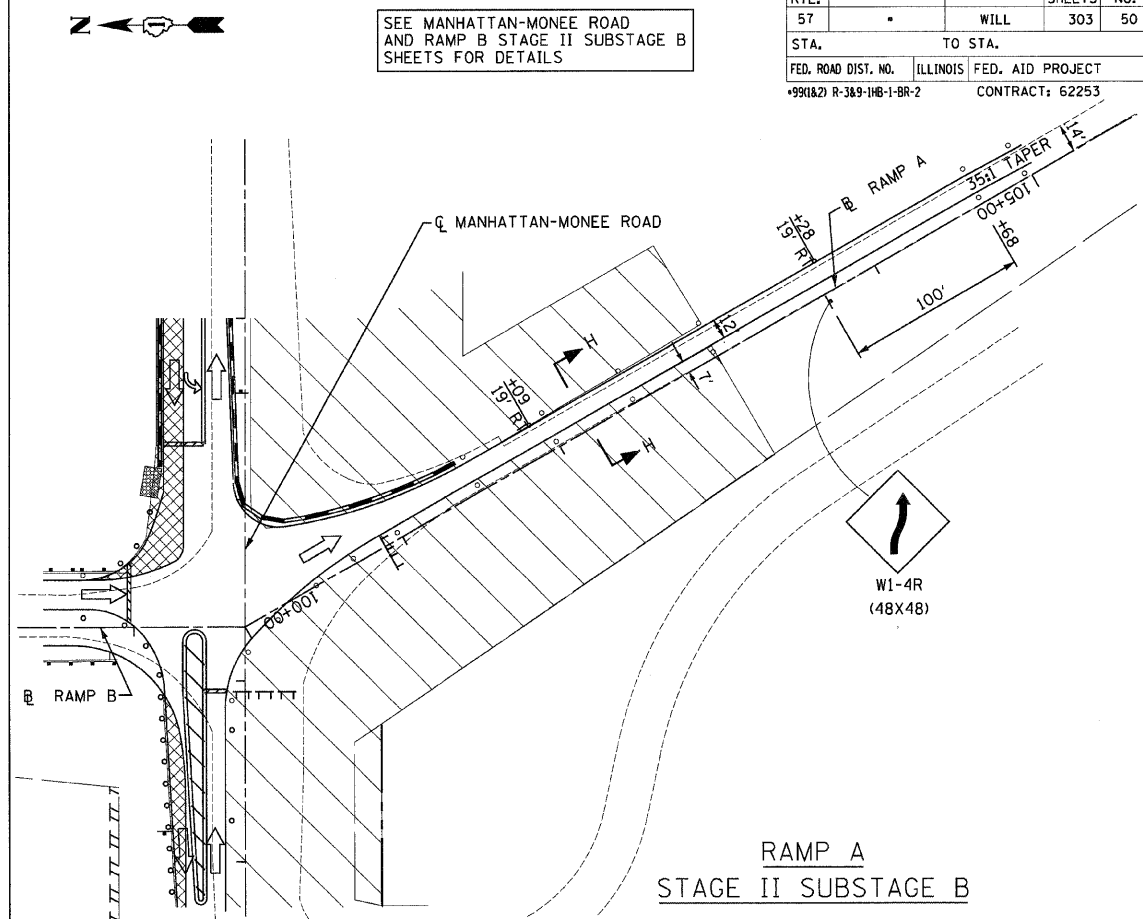
- TEMPORARY PAVEMENT
- WORK AREA
- DIRECTION OF TRAFFIC
- ARROW BOARD
- TRAFFIC SIGN
- BARRICADE TYPE II, DRUM OR VERTICAL BARRICADE WITH MONO-DIRECTIONAL STEADY BURNING LIGHT (SEE NOTES FOR SPACING)
- BARRICADE TYPE III WITH STEADY BURNING LIGHT
- TEMPORARY PAVEMENT MARKINGS, TYPE III
 - SKIP-DASH WHITE, 5"
 - SKIP DASH YELLOW, 5"
 - STOP LINE, 24"
 - SOLID LINE, 4"
 - DOUBLE CENTERLINE, YELLOW, 4"
 - DOTTED LINES (2'-6" SPACE), 4"
- TEMPORARY BARRIER WALL WITH BARRIER WALL REFLECTORS
- TEMPORARY IMPACT ATTENUATORS



RAMP D
STAGE II SUBSTAGE B

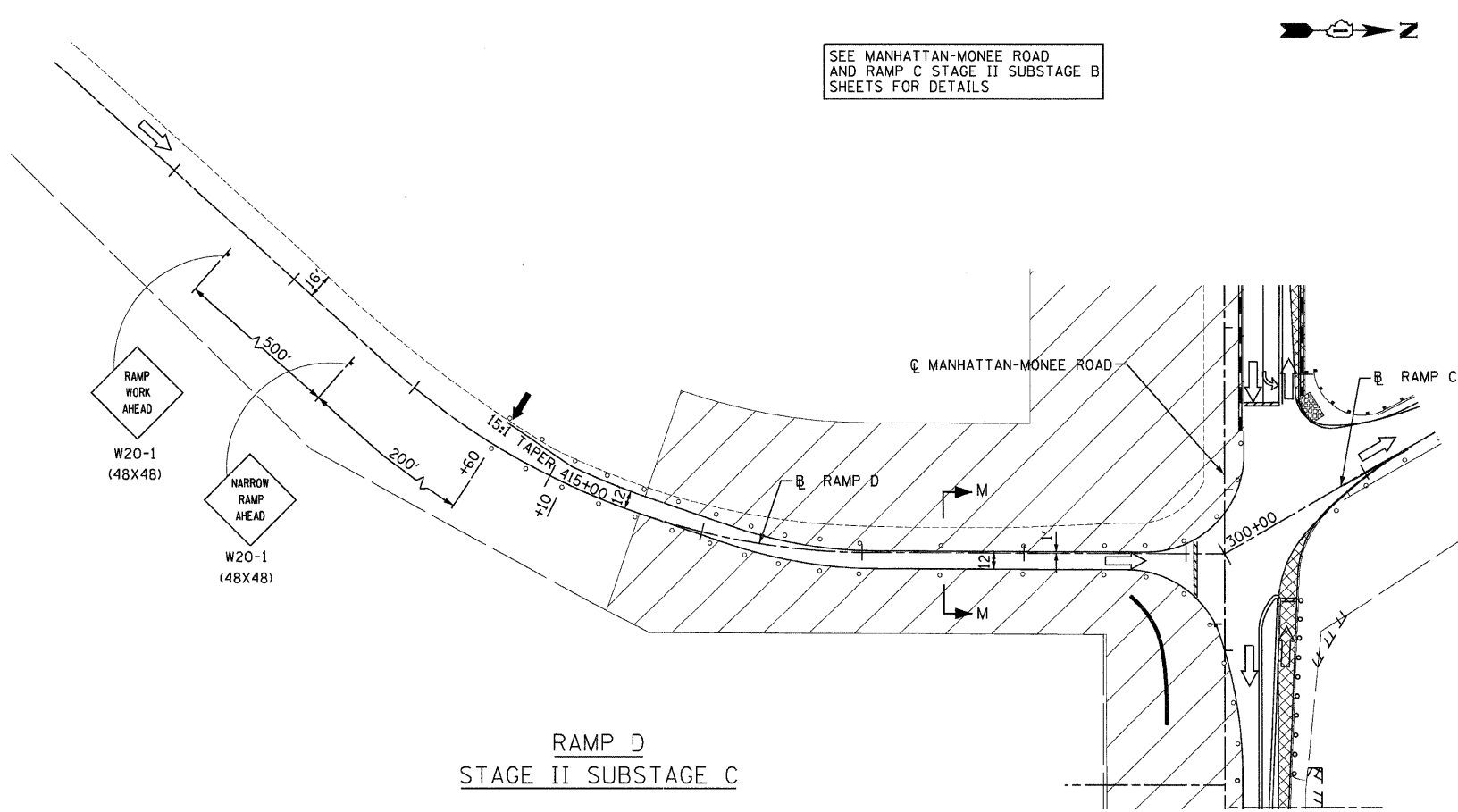
SEE MANHATTAN-MONEE ROAD AND RAMP C STAGE II SUBSTAGE B SHEETS FOR DETAILS

F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
+991827 R-389-1HB-1-BR-2		CONTRACT: 62253		

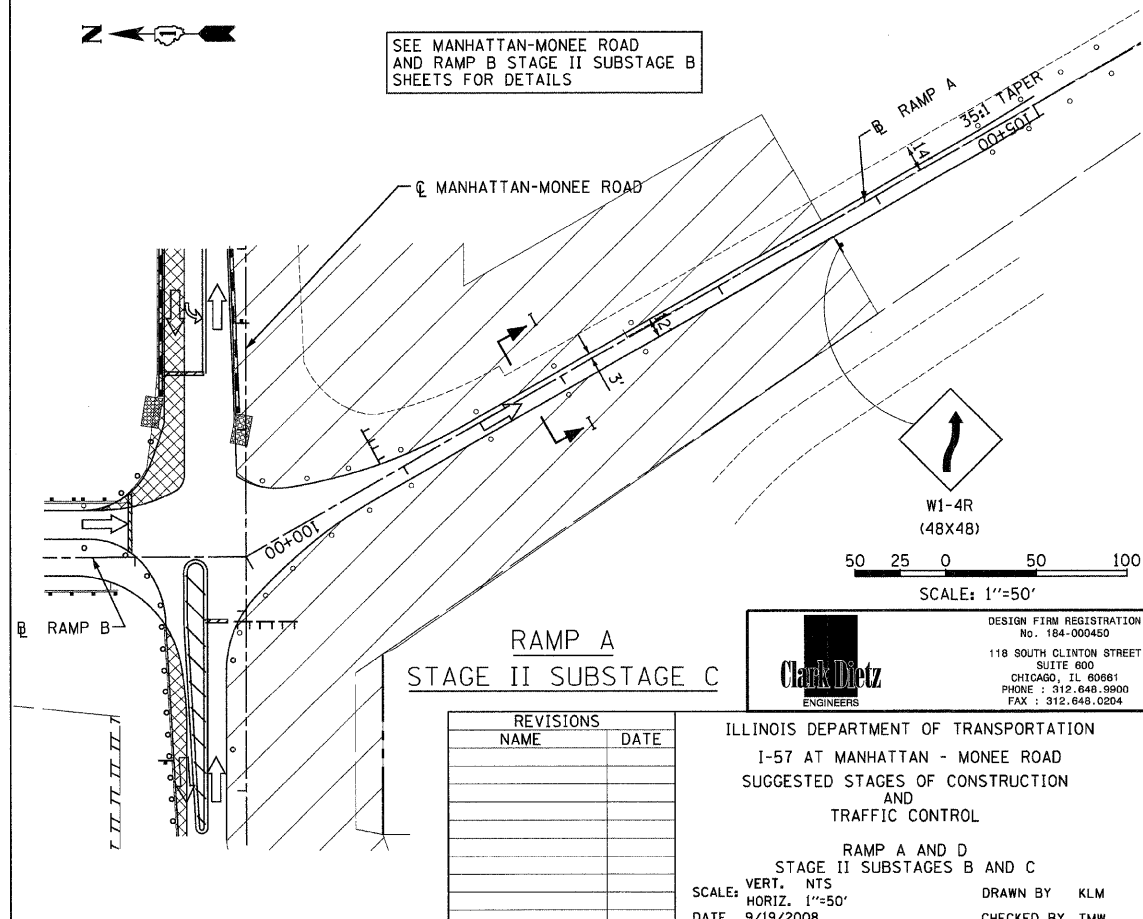


RAMP A
STAGE II SUBSTAGE B

SEE MANHATTAN-MONEE ROAD AND RAMP B STAGE II SUBSTAGE B SHEETS FOR DETAILS



RAMP D
STAGE II SUBSTAGE C



RAMP A
STAGE II SUBSTAGE C

SCALE: 1"=50'

Clark Dietz
ENGINEERS

DESIGN FIRM REGISTRATION No. 184-000450
118 SOUTH CLINTON STREET SUITE 600 CHICAGO, IL 60681
PHONE : 312.648.9900 FAX : 312.648.0204

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-57 AT MANHATTAN - MONEE ROAD
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL

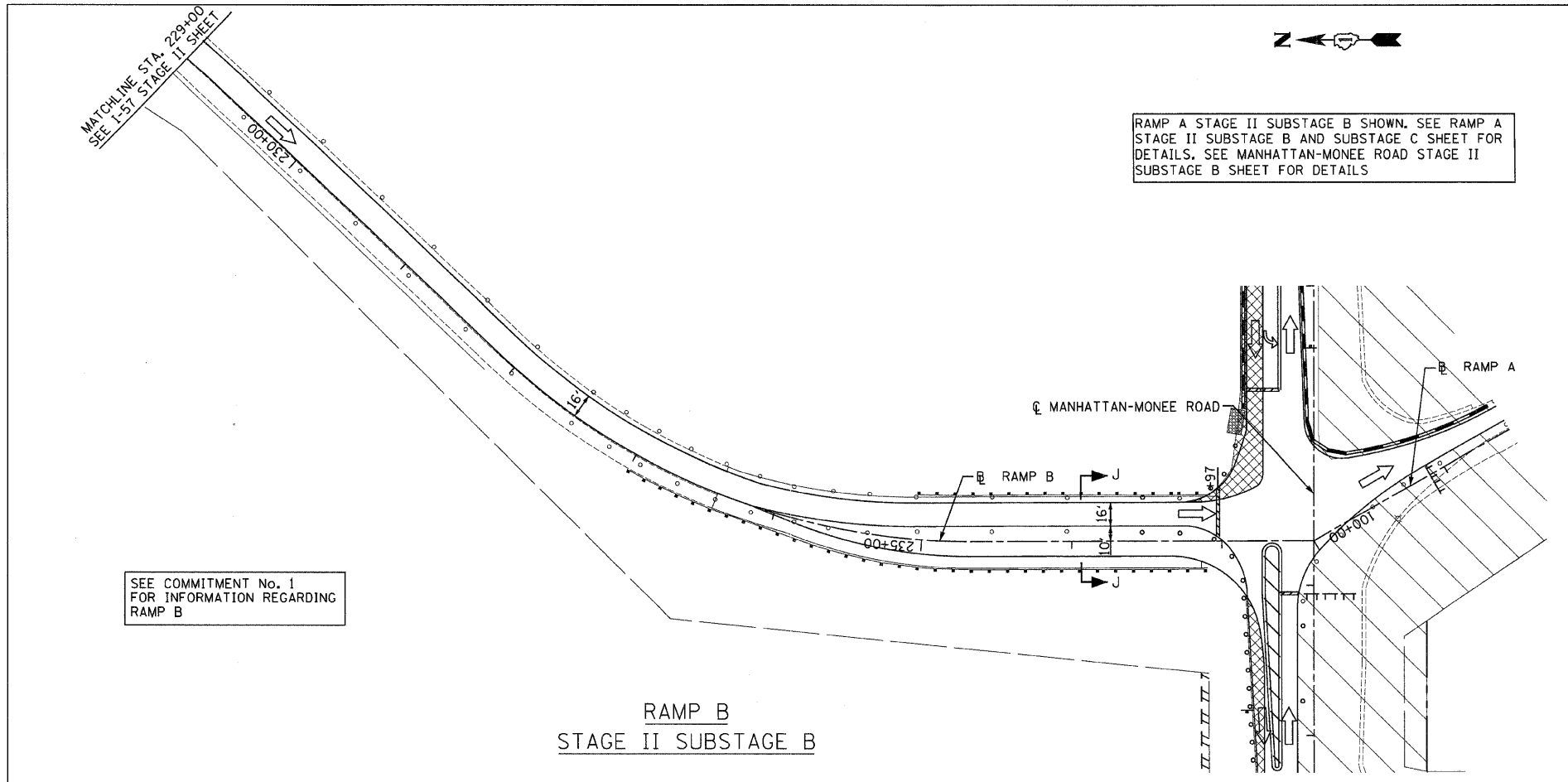
RAMP A AND D
STAGE II SUBSTAGES B AND C

SCALE: VERT. NTS
HORIZ. 1"=50'
DATE 9/19/2008

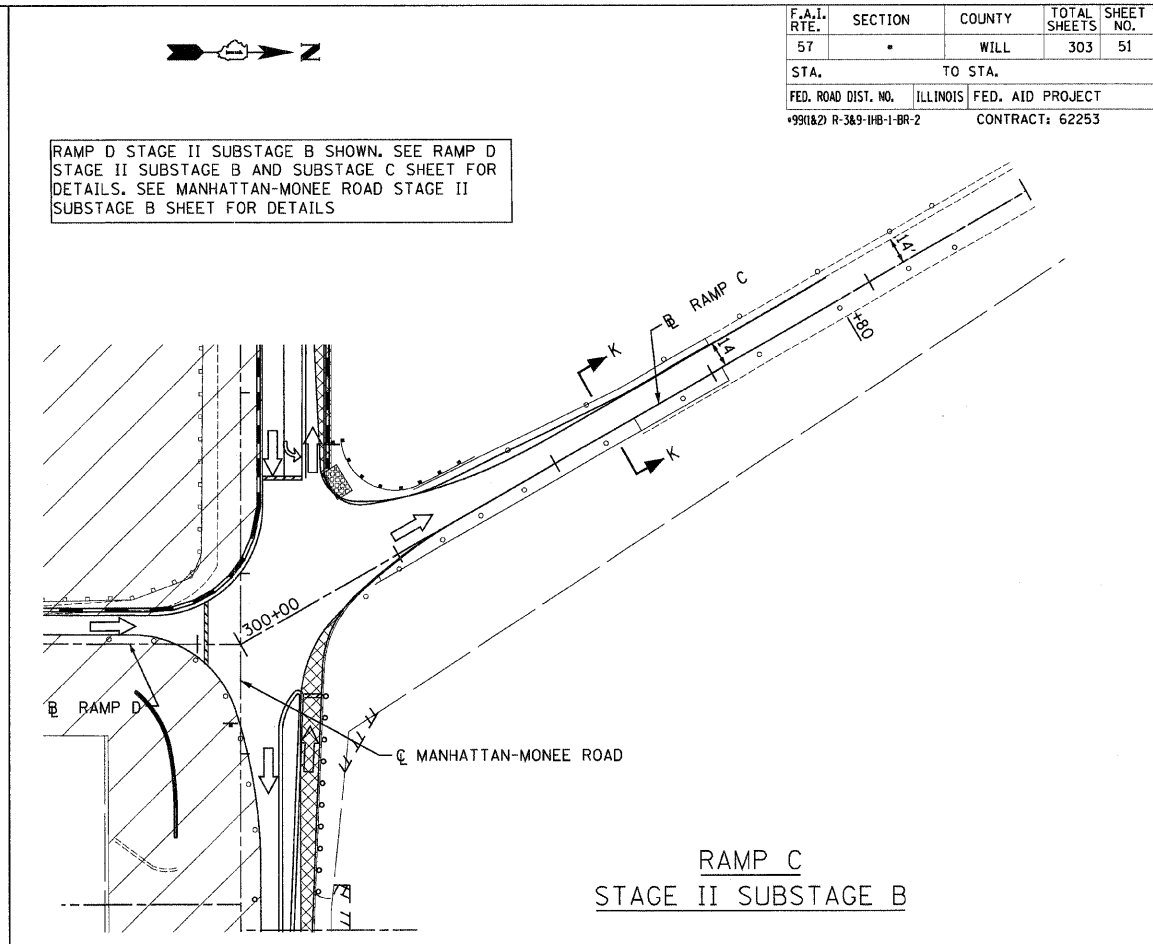
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CHECKED BY TMW

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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	
*9910&27 R-3&9-1HB-1-BR-2		CONTRACT: 62253		



RAMP B
STAGE II SUBSTAGE B

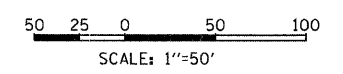


RAMP C
STAGE II SUBSTAGE B

RAMP A, B, C, AND D TRAFFIC CONTROL NOTES

- RAMPS A, B, C, AND D TRAFFIC CONTROL LEGEND**
- TEMPORARY PAVEMENT
 - WORK AREA
 - DIRECTION OF TRAFFIC
 - ARROW BOARD
 - TRAFFIC SIGN
 - BARRICADE TYPE II, DRUM OR VERTICAL BARRICADE WITH MONO-DIRECTIONAL STEADY BURNING LIGHT (SEE NOTES FOR SPACING)
 - BARRICADE TYPE III WITH STEADY BURNING LIGHT
 - TEMPORARY PAVEMENT MARKINGS, TYPE III**
 - SKIP-DASH WHITE, 5"
 - SKIP DASH YELLOW, 5"
 - STOP LINE, 24"
 - SOLID LINE, 4"
 - DOUBLE CENTERLINE, YELLOW, 4"
 - DOTTED LINES (2'-6" SPACE), 4"
 - TEMPORARY BARRIER WALL WITH BARRIER WALL REFLECTORS
 - TEMPORARY IMPACT ATTENUATORS

BARRICADE TYPE II	
LOCATION	SPACING
TANGENT	100' CTS
CURVES	25' CTS
RETURNS	25' CTS
SHOULDER TAPERS	50' CTS
TAPERS	12' CTS



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-57 AT MANHATTAN - MONEE ROAD
 SUGGESTED STAGES OF CONSTRUCTION
 AND
 TRAFFIC CONTROL
 RAMP B AND C
 STAGE II SUBSTAGE B

SCALE: VERT. NTS
 HORIZ. 1"=50'
 DATE 9/19/2008

DRAWN BY KLM
 CHECKED BY TMW

DESIGN FIRM REGISTRATION
 No. 164-000450
 118 SOUTH CLINTON STREET
 SUITE 600
 CHICAGO, IL 60661
 PHONE : 312.648.8900
 FAX : 312.648.0204

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 8/17/2008

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	52
STA. 1330+00		TO STA. 1343+50		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
+99(1&2) R-3&9-1H&1-BR-2		CONTRACT: 62253		

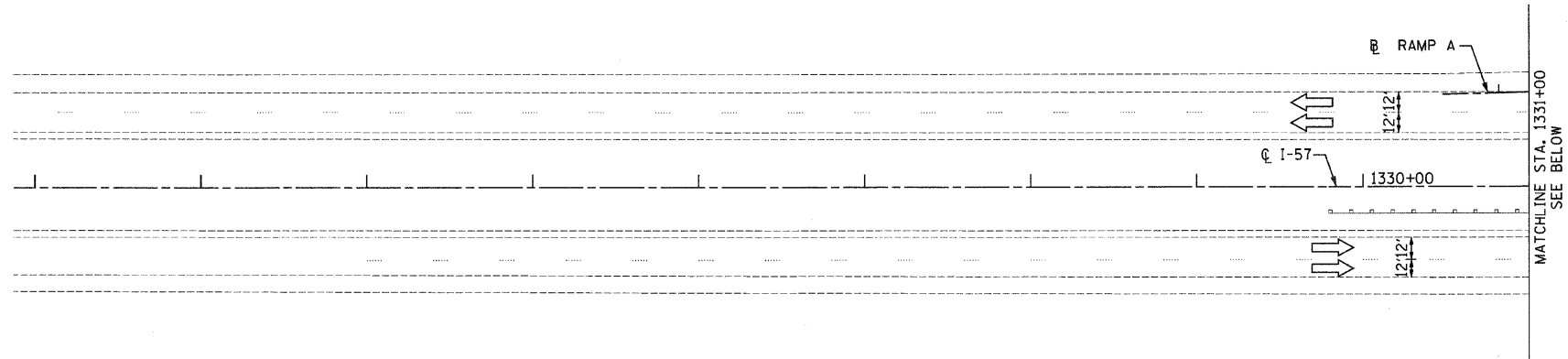


I-57 TRAFFIC CONTROL LEGEND

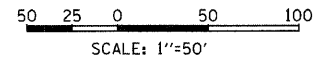
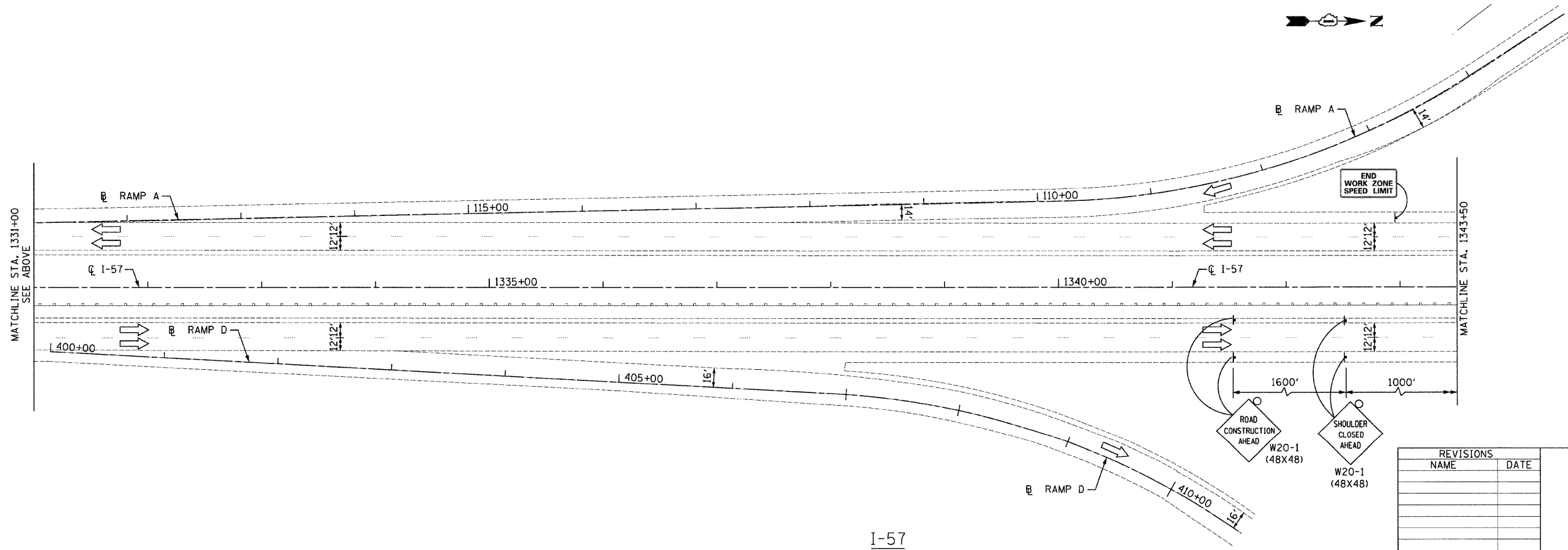
- TEMPORARY PAVEMENT
- WORK AREA
- DIRECTION OF TRAFFIC
- ARROW BOARD
- TRAFFIC SIGN
- BARRICADE TYPE II, DRUM OR VERTICAL BARRICADE WITH MONO-DIRECTIONAL STEADY BURNING LIGHT (SEE NOTES FOR SPACING)
- BARRICADE TYPE III WITH STEADY BURNING LIGHT
- TEMPORARY PAVEMENT MARKINGS, TYPE III**
- SKIP-DASH WHITE, 5"
- SKIP-DASH YELLOW, 5"
- STOP LINE, 24"
- SOLID LINE, 4"
- DOUBLE CENTERLINE, YELLOW, 4"
- DOTTED LINES (2'-6" SPACE), 4"
- TEMPORARY BARRIER WALL WITH BARRIER WALL REFLECTORS
- TEMPORARY IMPACT ATTENUATORS

I-57 TRAFFIC CONTROL NOTES

BARRICADE TYPE II	
LOCATION	SPACING
TANGENT	100' CTS
CURVES	25' CTS
RETURNS	25' CTS
SHOULDER TAPERS	50' CTS
TAPERS	12' CTS



**I-57
STAGE II**



Clark Dietz
ENGINEERS

DESIGN FIRM REGISTRATION
No. 184-000450
118 SOUTH CLINTON STREET
SUITE 600
CHICAGO, IL 60661
PHONE : 312.648.9900
FAX : 312.648.0204

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-57 AT MANHATTAN - MONEE ROAD
SUGGESTED STAGES OF CONSTRUCTION
AND
TRAFFIC CONTROL
I-57
STAGE II

SCALE: VERT. NTS
HORIZ. 1"=50'
DATE 9/19/2008

DRAWN BY KLM
CHECKED BY TMW

**I-57
STAGE II**

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 8/1/2008

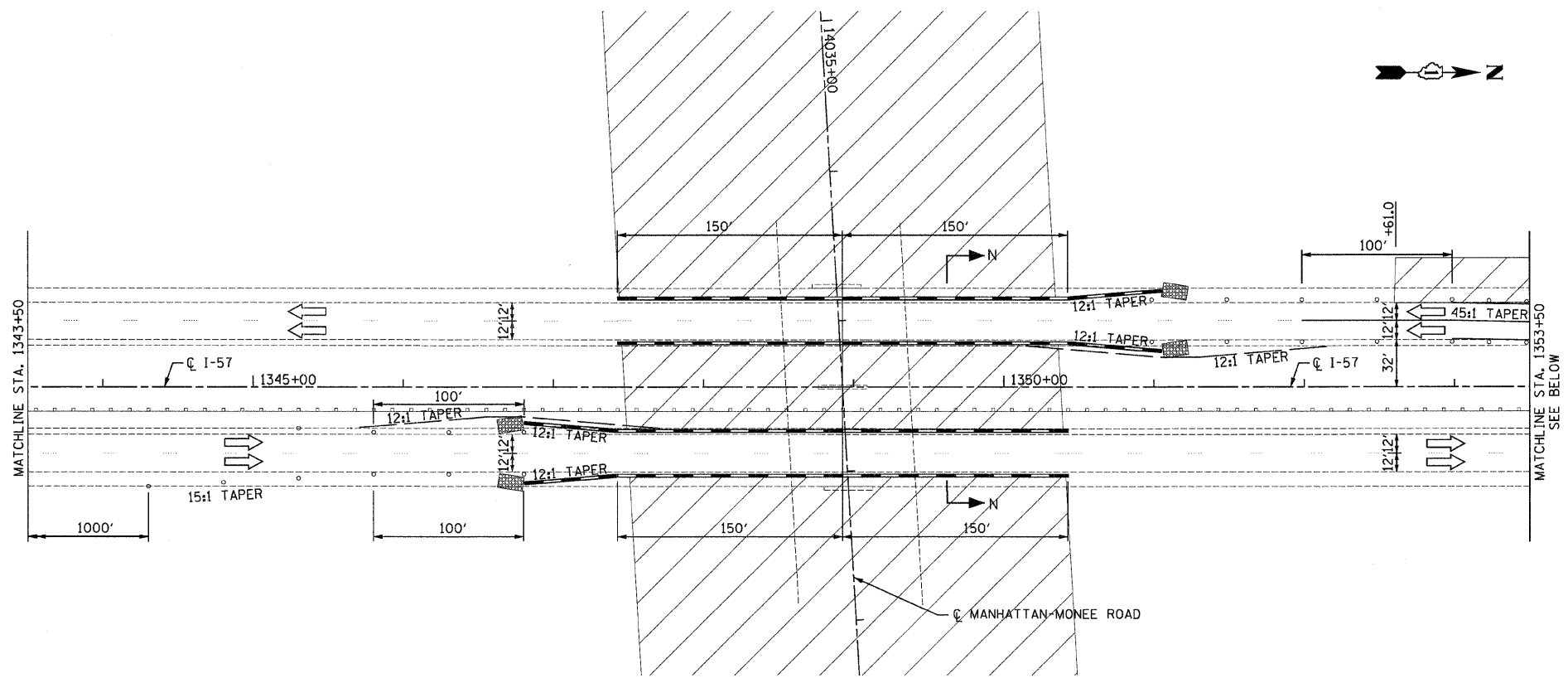
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57		WILL	303	53
STA. 1343+50		TO STA. 1367+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
+991&2) R-389-1HB-1-BR-2		CONTRACT: 62253		

**I-57
TRAFFIC CONTROL LEGEND**

- TEMPORARY PAVEMENT
- WORK AREA
- DIRECTION OF TRAFFIC
- ARROW BOARD
- TRAFFIC SIGN
- BARRICADE TYPE II, DRUM OR VERTICAL BARRICADE WITH MONO-DIRECTIONAL STEADY BURNING LIGHT (SEE NOTES FOR SPACING)
- BARRICADE TYPE III WITH STEADY BURNING LIGHT
- TEMPORARY PAVEMENT MARKINGS, TYPE III
 - SKIP-DASH WHITE, 5"
 - SKIP-DASH YELLOW, 5"
 - STOP LINE, 24"
 - SOLID LINE, 4"
 - DOUBLE CENTERLINE, YELLOW, 4"
 - DOTTED LINES (2'-6" SPACE), 4"
- TEMPORARY BARRIER WALL WITH BARRIER WALL REFLECTORS
- TEMPORARY IMPACT ATTENUATORS

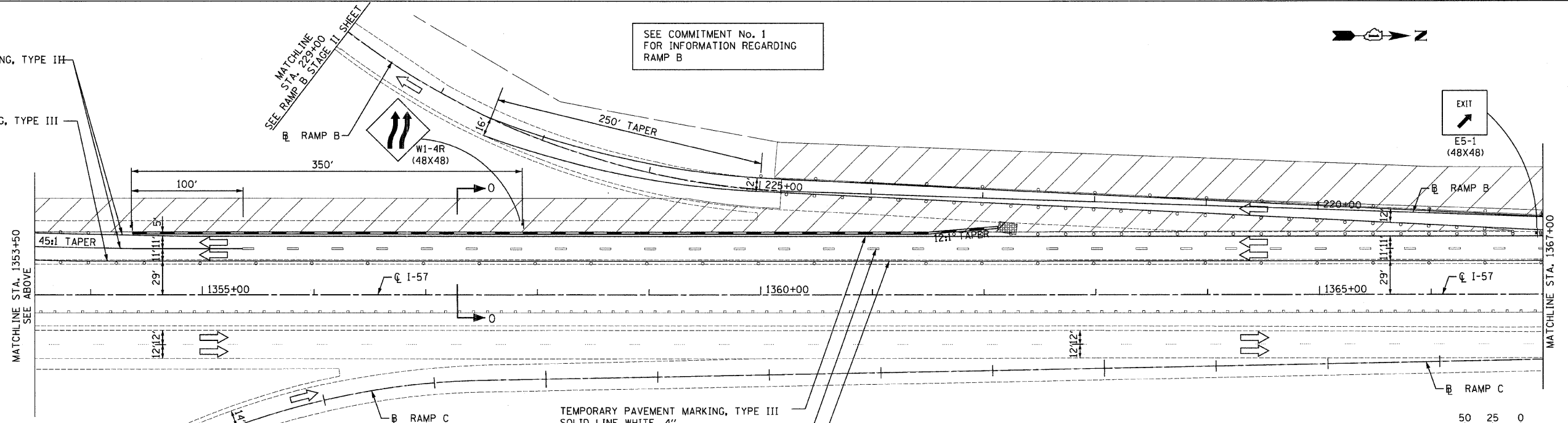
I-57 TRAFFIC CONTROL NOTES

BARRICADE TYPE II	
LOCATION	SPACING
TANGENT	100' CTS
CURVES	25' CTS
RETURNS	25' CTS
SHOULDER TAPERS	50' CTS
TAPERS	12' CTS



**I-57
STAGE II**

- TEMPORARY PAVEMENT MARKING, TYPE III
SOLID LINE WHITE, 4"
- TEMPORARY PAVEMENT MARKING, TYPE III
SOLID LINE YELLOW, 4"



SEE COMMITMENT No. 1
FOR INFORMATION REGARDING
RAMP B

- TEMPORARY PAVEMENT MARKING, TYPE III
SOLID LINE WHITE, 4"
- TEMPORARY PAVEMENT MARKING, TYPE III
SKIP DASH WHITE (30'-10'), 5"
- TEMPORARY PAVEMENT MARKING, TYPE III
SOLID LINE YELLOW, 4"

**I-57
STAGE II**

Clark Dietz
ENGINEERS

DESIGN FIRM REGISTRATION
No. 184-000450
116 SOUTH CLINTON STREET
SUITE 600
CHICAGO, IL 60661
PHONE : 312.648.9900
FAX : 312.648.0204

REVISIONS	
NAME	DATE

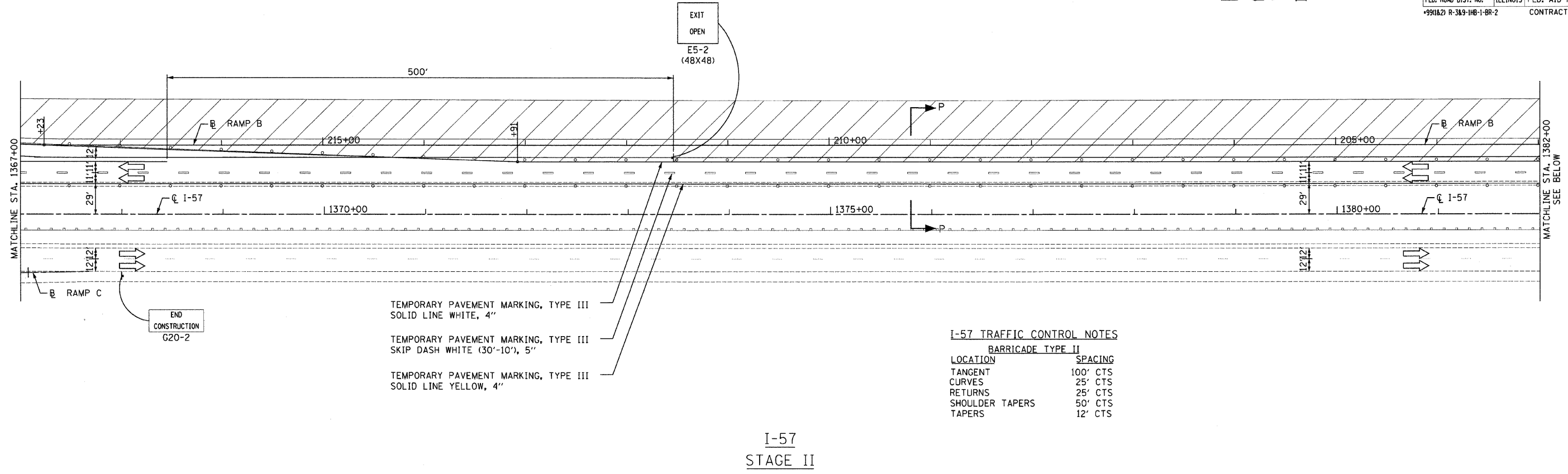
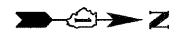
ILLINOIS DEPARTMENT OF TRANSPORTATION
I-57 AT MANHATTAN - MONEE ROAD
SUGGESTED STAGES OF CONSTRUCTION
AND
TRAFFIC CONTROL
I-57
STAGE II

SCALE: VERT. NTS
HORIZ. 1"=50'
DATE 9/19/2008

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 8/17/2008

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57		WILL	303	54
STA. 1367+00		TO STA. 1390+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
+991627 R-389-1HB-1-BR-2		CONTRACT: 62253		

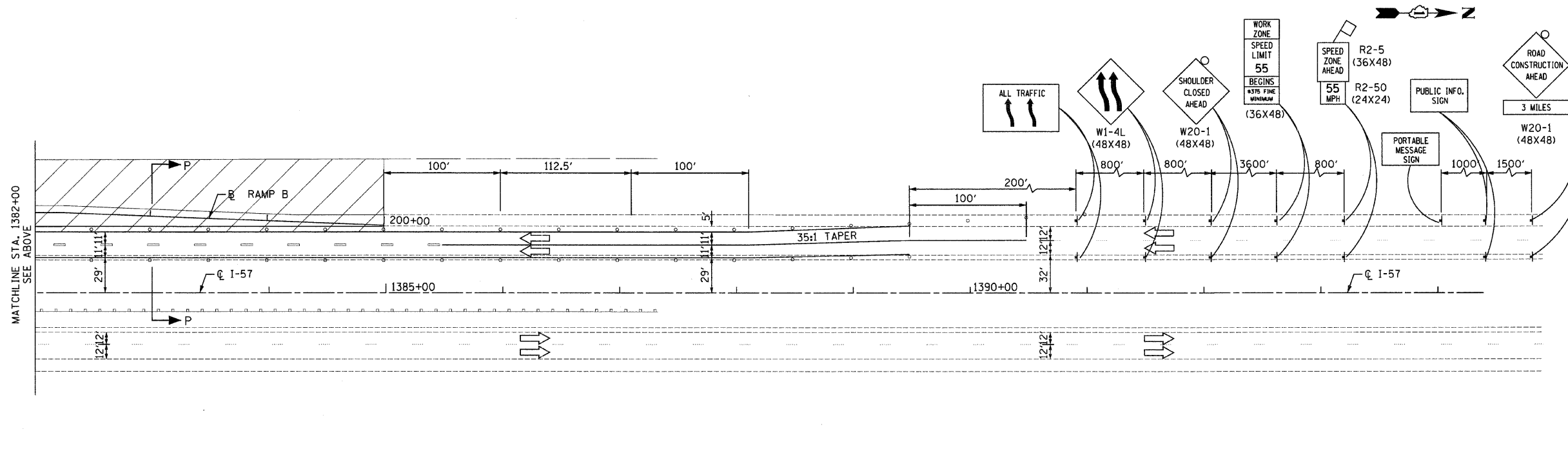


I-57 TRAFFIC CONTROL NOTES

BARRICADE TYPE II

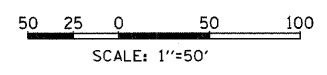
LOCATION	SPACING
TANGENT	100' CTS
CURVES	25' CTS
RETURNS	25' CTS
SHOULDER TAPERS	50' CTS
TAPERS	12' CTS

**I-57
STAGE II**



I-57 TRAFFIC CONTROL LEGEND

- TEMPORARY PAVEMENT
- WORK AREA
- DIRECTION OF TRAFFIC
- ARROW BOARD
- TRAFFIC SIGN
- BARRICADE TYPE II, DRUM OR VERTICAL BARRICADE WITH MONO-DIRECTIONAL STEADY BURNING LIGHT (SEE NOTES FOR SPACING)
- BARRICADE TYPE III WITH STEADY BURNING LIGHT
- TEMPORARY PAVEMENT MARKINGS, TYPE III
 - SKIP-DASH WHITE, 5"
 - SKIP DASH YELLOW, 5"
 - STOP LINE, 24"
 - SOLID LINE, 4"
 - DOUBLE CENTERLINE, YELLOW, 4"
 - DOTTED LINES (2'-6" SPACE), 4"
- TEMPORARY BARRIER WALL WITH BARRIER WALL REFLECTORS
- TEMPORARY IMPACT ATTENUATORS



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-57 AT MANHATTAN - MONEE ROAD
 SUGGESTED STAGES OF CONSTRUCTION
 AND
 TRAFFIC CONTROL
 I-57
 STAGE II
 SCALE: VERT. NTS
 HORIZ. 1"=50'
 DATE 9/19/2008
 DRAWN BY KLM
 CHECKED BY TMW

Clark Dietz
 ENGINEERS

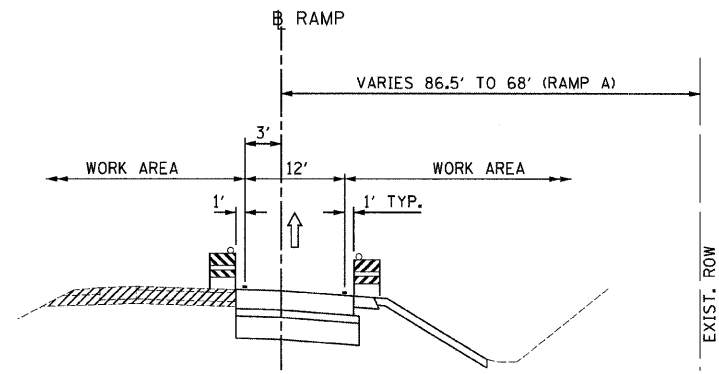
DESIGN FIRM REGISTRATION
 No. 184-000450

118 SOUTH CLINTON STREET
 SUITE 600
 CHICAGO, IL 60661
 PHONE : 312.648.9900
 FAX : 312.648.0204

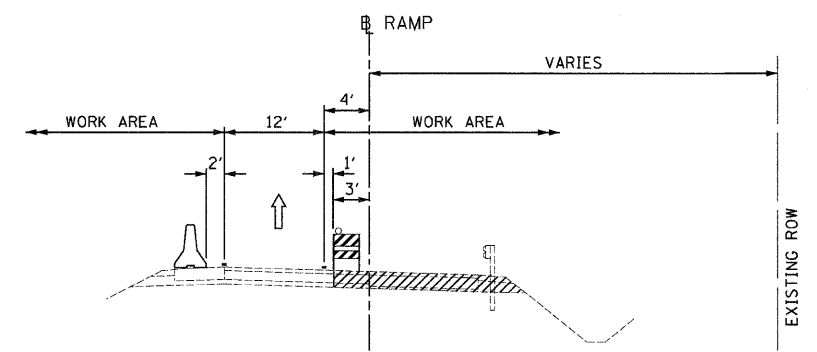
**I-57
STAGE II**

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 8/17/2008

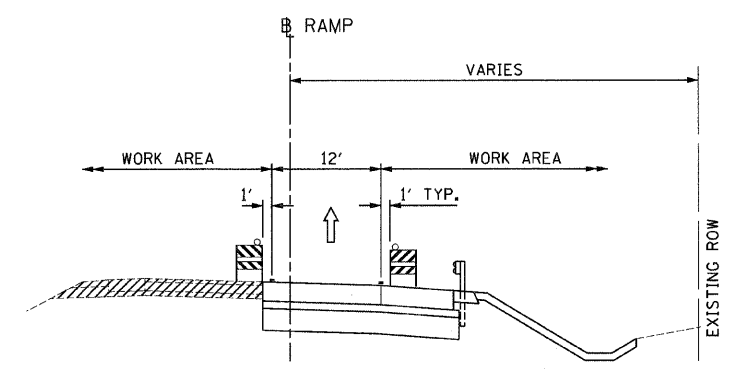
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	56
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
*99162) R-389-11B-1-BR-2		CONTRACT: 62253		



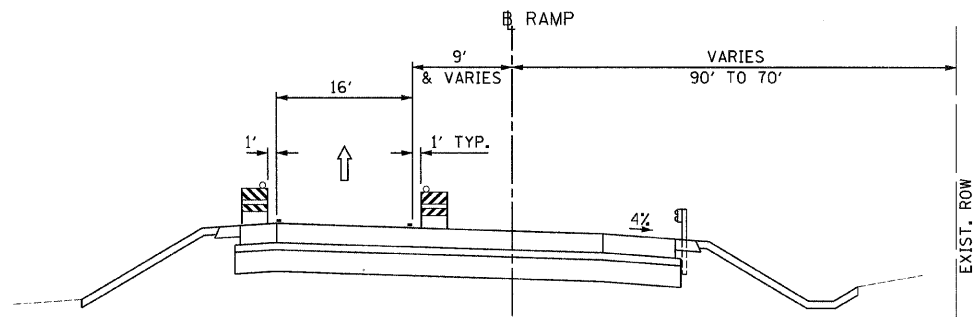
RAMP A
STAGE II SUBSTAGE C
SECTION I-I



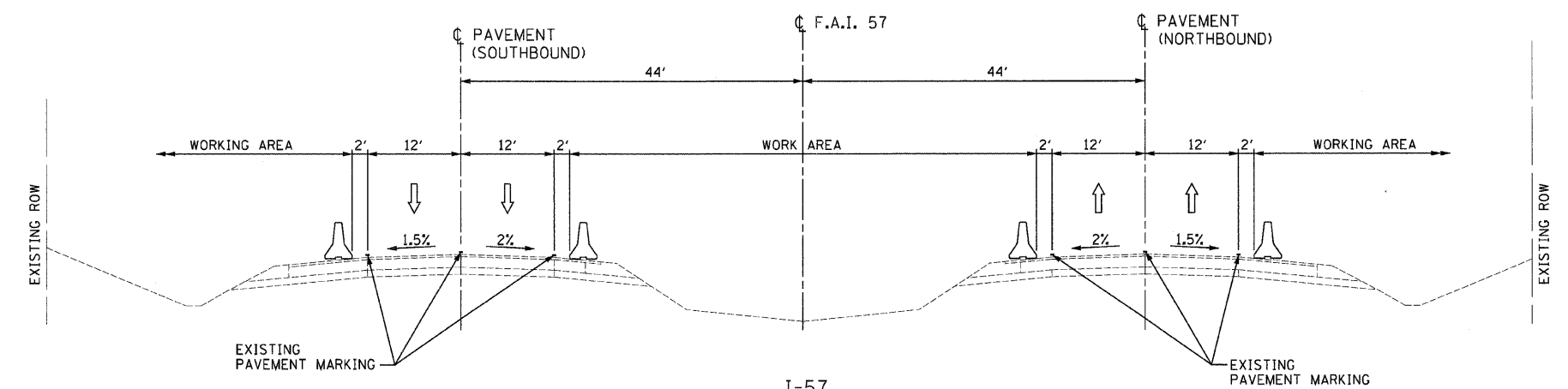
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STAGE II SUBSTAGE B
SECTION L-L



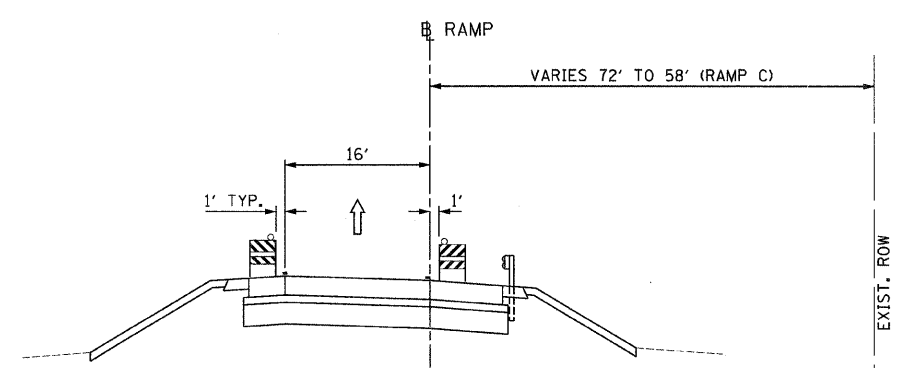
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STAGE II SUBSTAGE C
SECTION M-M



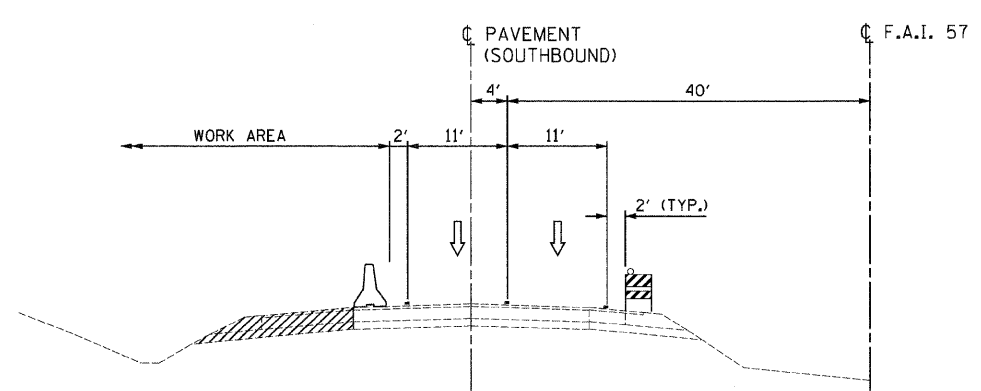
RAMP B
STAGE II SUBSTAGE B
SECTION J-J



I-57
STAGE II
SECTION N-N



RAMP C
STAGE II SUBSTAGE B
SECTION K-K



I-57
STAGE II
SECTION O-O

LEGEND

	PAVEMENT CONSTRUCTION		TEMPORARY PAVEMENT MARKING
	TEMPORARY PAVEMENT	TYPE, COLOR, AND SIZE ARE SHOWN ON STAGING PLAN SHEETS	

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-57 AT MANHATTAN - MONEE ROAD
SUGGESTED STAGES OF CONSTRUCTION
AND
TRAFFIC CONTROL
TYPICAL SECTIONS
STAGE II

SCALE: VERT. NTS
HORIZ. NTS
DATE 9/19/2008

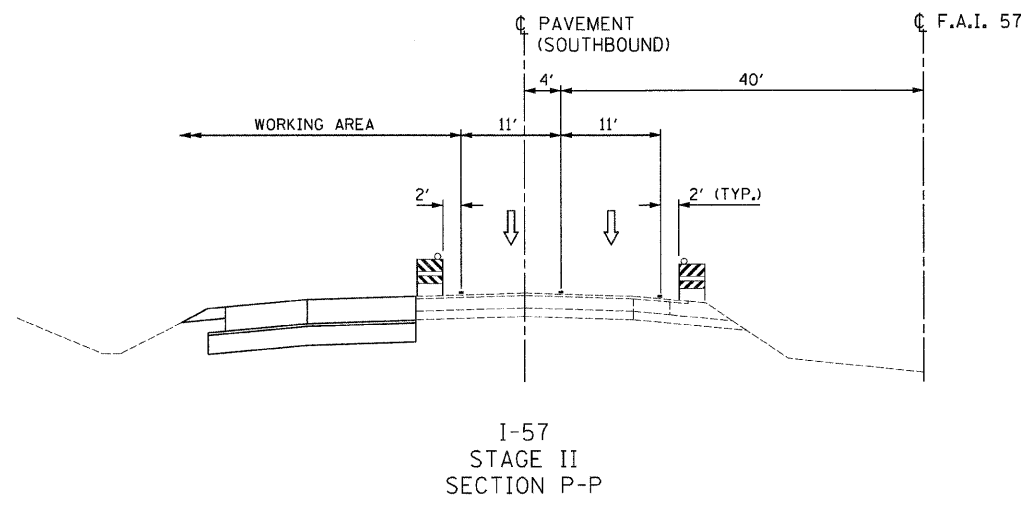
DRAWN BY KLM
CHECKED BY TMW

Clark Dietz
ENGINEERS

DESIGN FIRM REGISTRATION
No. 184-000450
118 SOUTH CLINTON STREET
SUITE 600
CHICAGO, IL 60661
PHONE : 312.648.9900
FAX : 312.648.0204

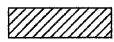
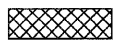
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	WILL	303	57
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
•9901&2) R-3&9-11B-1-BR-2		CONTRACT: 62253		



I-57
STAGE II
SECTION P-P

LEGEND


-  PAVEMENT CONSTRUCTION
-  TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT MARKING TYPE, COLOR, AND SIZE ARE SHOWN ON STAGING PLAN SHEETS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-57 AT MANHATTAN - MONEE ROAD
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
TYPICAL SECTIONS
STAGE II

SCALE: VERT. NTS
 HORIZ. NTS
DATE 9/19/2008

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DESIGN FIRM REGISTRATION
No. 184-000450
118 SOUTH CLINTON STREET
SUITE 600
CHICAGO, IL 60681
PHONE : 312.648.9900
FAX : 312.648.0204

MANHATTAN-MONEE ROAD TRAFFIC CONTROL LEGEND

- TEMPORARY PAVEMENT, 6 IN.
- WORK AREA
- DIRECTION OF TRAFFIC
- ARROW BOARD
- TRAFFIC SIGN
- BARRICADE TYPE II, DRUM OR VERTICAL BARRICADE WITH MONO-DIRECTIONAL STEADY BURNING LIGHT (SEE NOTES FOR SPACING)
- BARRICADE TYPE III WITH STEADY BURNING LIGHT
- TEMPORARY PAVEMENT MARKINGS, TYPE III
 - SKIP-DASH WHITE, 5"
 - SKIP DASH YELLOW, 5"
 - STOP LINE, 24"
 - SOLID LINE, 4"
 - DOUBLE CENTERLINE, YELLOW, 4"
 - DOTTED LINES (2'-6" SPACE), 4"
- TEMPORARY BARRIER WALL WITH BARRIER WALL REFLECTORS
- TEMPORARY IMPACT ATTENUATORS

MANHATTAN-MONEE ROAD TRAFFIC CONTROL NOTES

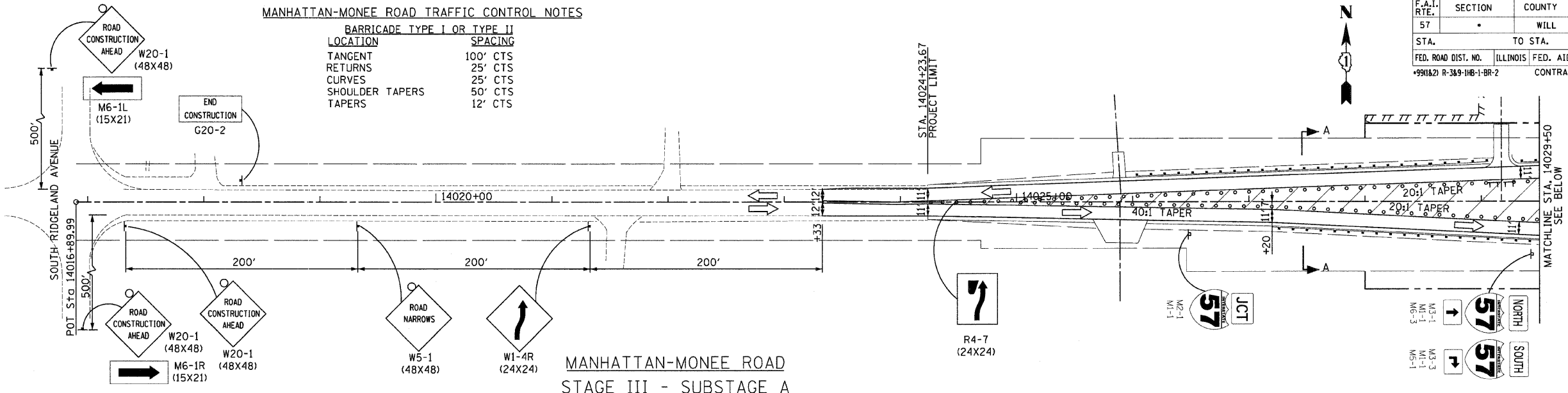
BARRICADE TYPE I OR TYPE II	
LOCATION	SPACING
TANGENT	100' CTS
RETURNS	25' CTS
CURVES	25' CTS
SHOULDER TAPERS	50' CTS
TAPERS	12' CTS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57		WILL	303	58

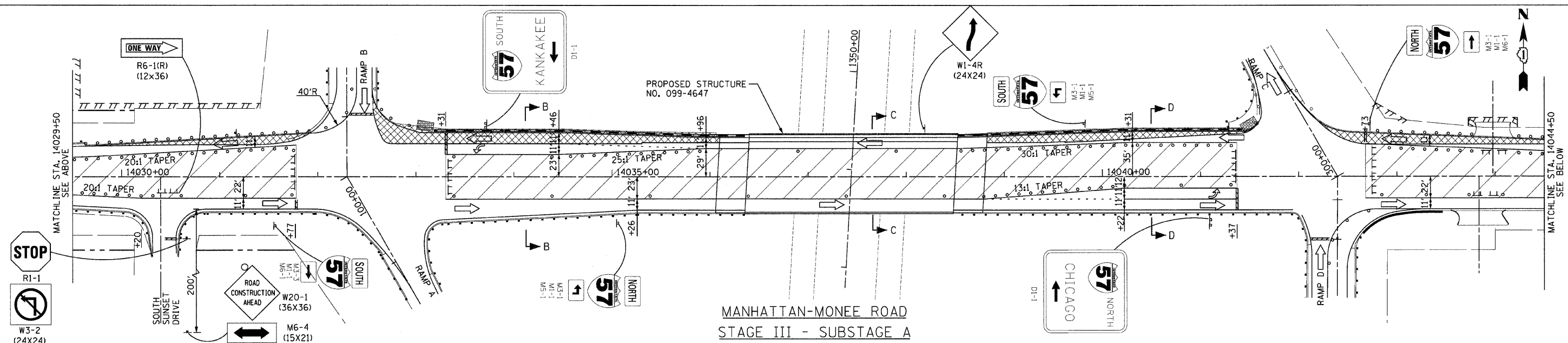
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FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

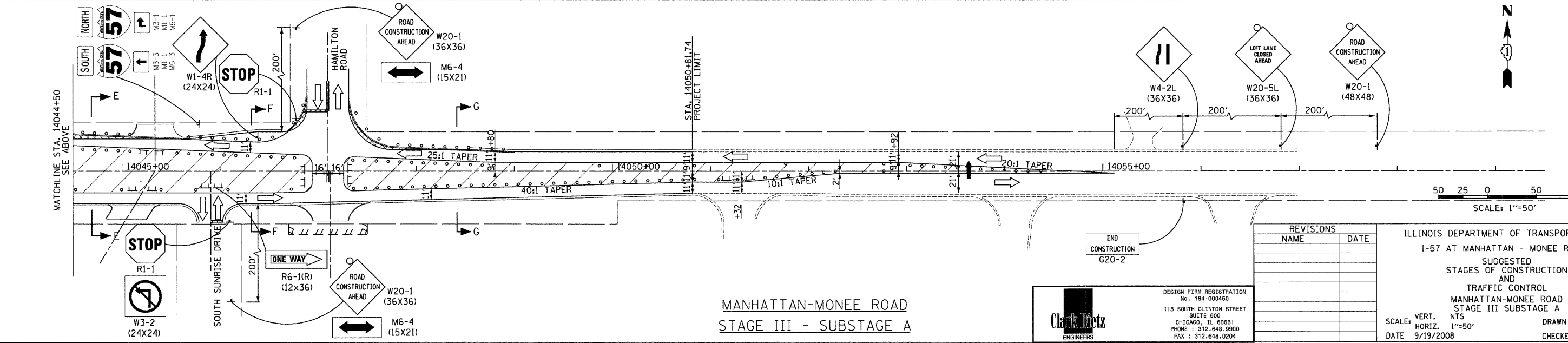
+991162) R-389-116-1-BR-2 CONTRACT: 62253



MANHATTAN-MONEE ROAD STAGE III - SUBSTAGE A



MANHATTAN-MONEE ROAD STAGE III - SUBSTAGE A



MANHATTAN-MONEE ROAD STAGE III - SUBSTAGE A

SCALE: 1"=50'

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-57 AT MANHATTAN - MONEE ROAD
 SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
 MANHATTAN-MONEE ROAD STAGE III SUBSTAGE A

SCALE: VERT. NTS
 HORIZ. 1"=50'

DATE 9/19/2008

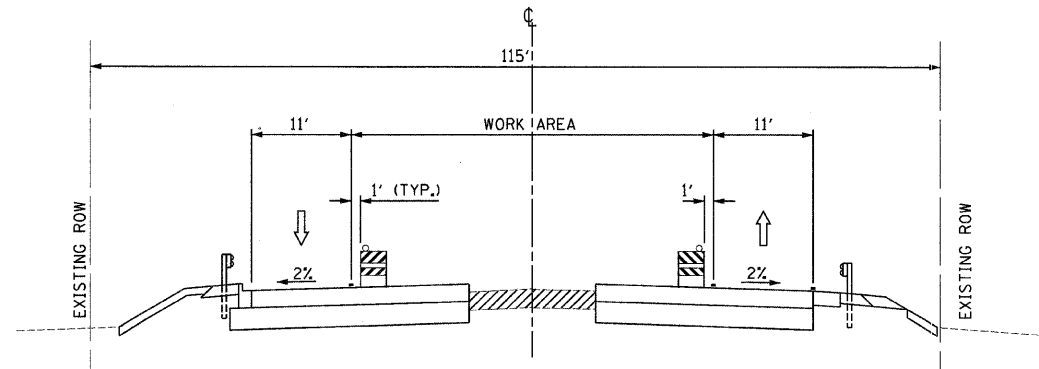
DRAWN BY KLM
 CHECKED BY TMW

Clark Dietz ENGINEERS

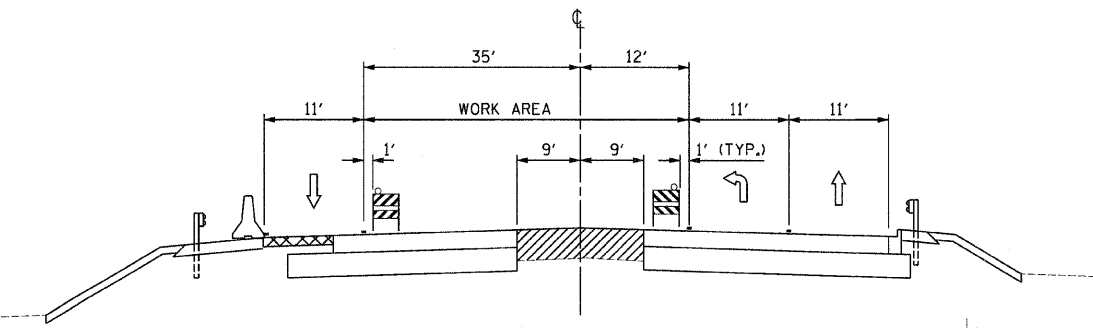
DESIGN FIRM REGISTRATION No. 184-000450
 118 SOUTH CLINTON STREET SUITE 800
 CHICAGO, IL 60681
 PHONE : 312.648.9900
 FAX : 312.648.0204

P:\102231\p102231.dgn 8/17/2008

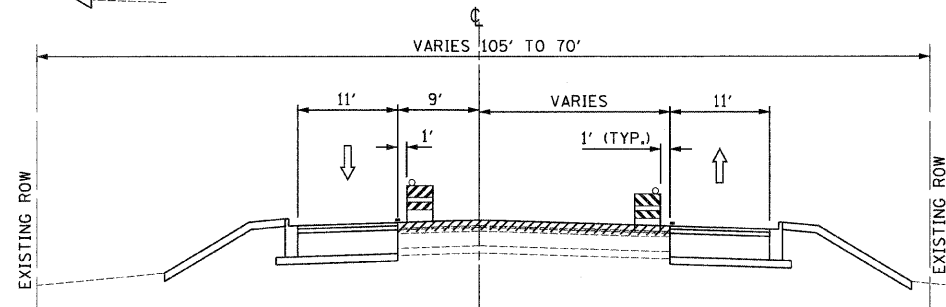
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STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
•9911&2) R-3&9-11B-1-BR-2		CONTRACT: 62253		



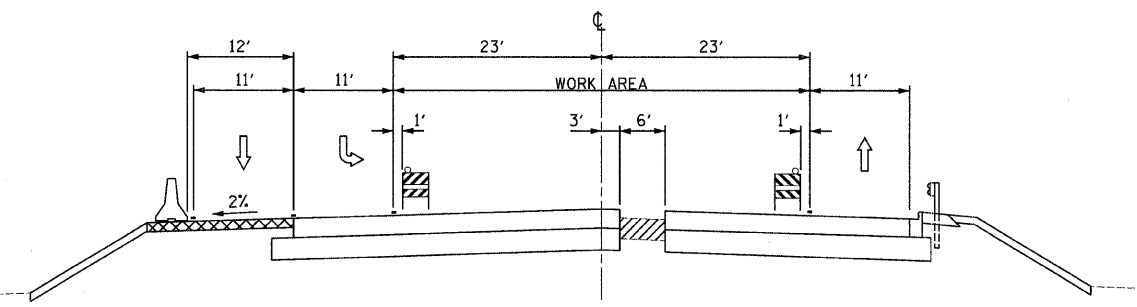
MANHATTAN-MONEE ROAD
STAGE III SUBSTAGE A
SECTION A-A



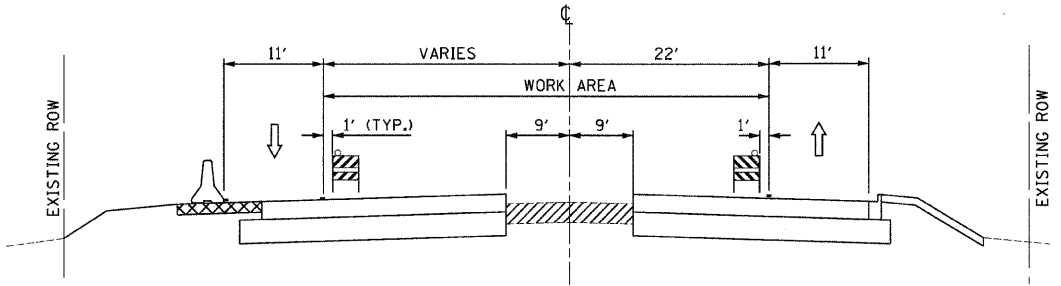
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STAGE III SUBSTAGE A
SECTION D-D



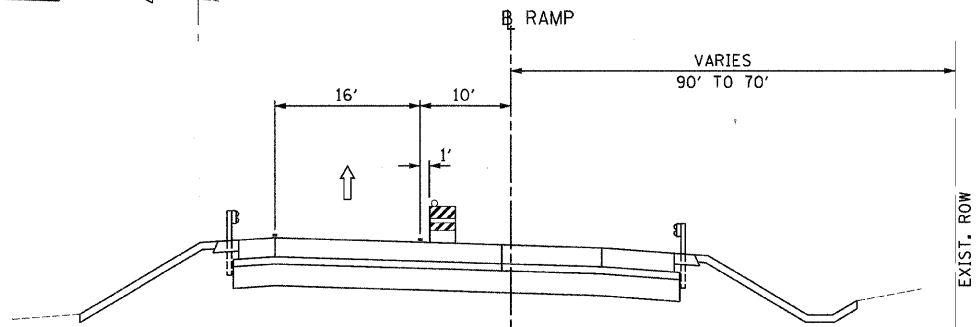
MANHATTAN-MONEE ROAD
STAGE III SUBSTAGE A
SECTION G-G



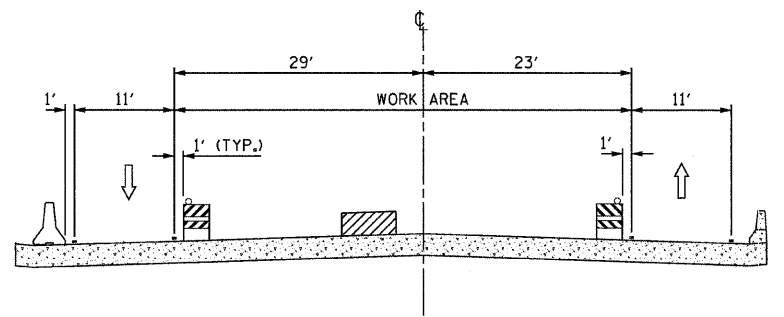
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STAGE III SUBSTAGE A
SECTION B-B



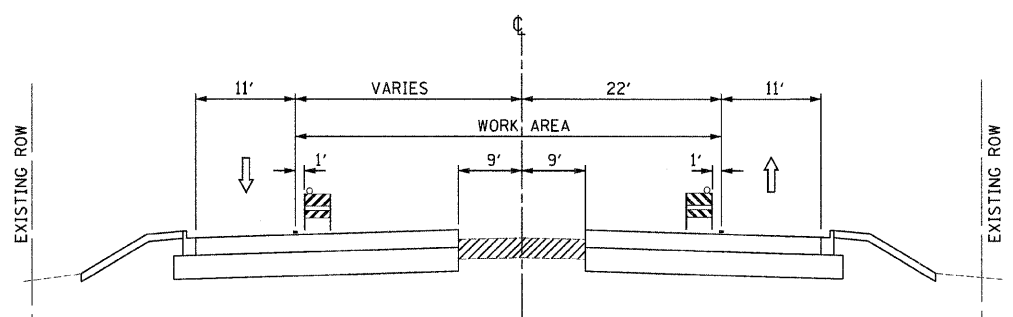
MANHATTAN-MONEE ROAD
STAGE III SUBSTAGE A
SECTION E-E



RAMP B & D
STAGE III SUBSTAGE A
SECTION H-H



MANHATTAN-MONEE ROAD
STAGE III SUBSTAGE A
SECTION C-C



MANHATTAN-MONEE ROAD
STAGE III SUBSTAGE A
SECTION F-F

LEGEND

PAVEMENT CONSTRUCTION

TEMPORARY PAVEMENT

NOTE:
TEMPORARY PAVEMENT MARKING
TYPE, COLOR, AND SIZE ARE AS SHOWN
ON STAGING PLAN SHEETS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-57 AT MANHATTAN - MONEE ROAD
SUGGESTED STAGES OF CONSTRUCTION
AND
TRAFFIC CONTROL
TYPICAL SECTIONS
STAGE III SUBSTAGE A

SCALE: VERT. NTS
HORIZ. NTS
DATE 9/19/2008













DRAWN BY NS
CHECKED BY TMW

Clark Dietz
ENGINEERS

DESIGN FIRM REGISTRATION
NO. 184-000450
118 SOUTH CLINTON STREET
SUITE 800
CHICAGO, IL 60661
PHONE : 312.648.9900
FAX : 312.648.0204

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8/17/2008

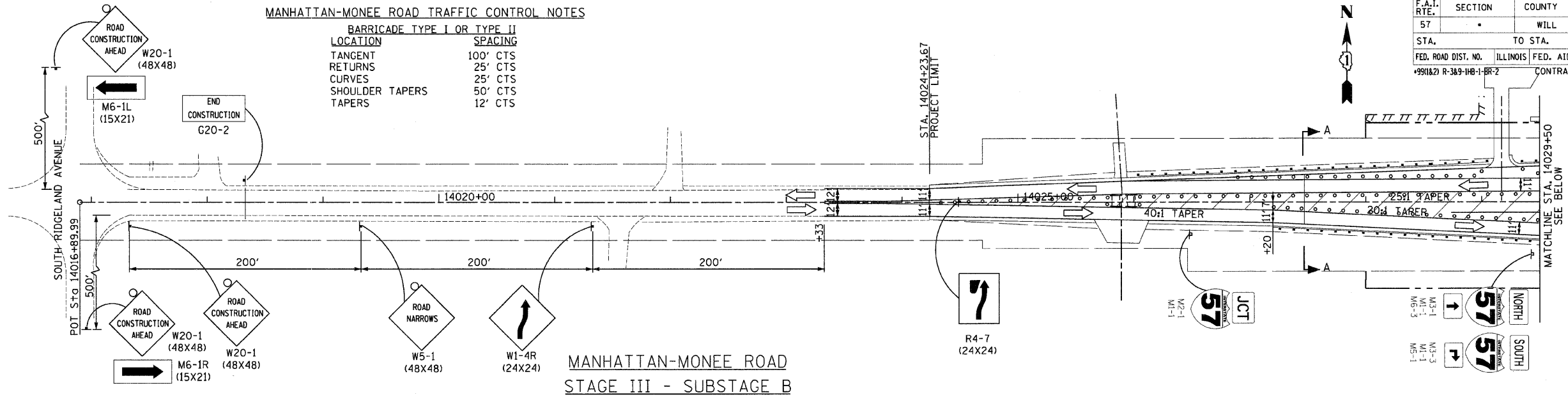
MANHATTAN-MONEE ROAD TRAFFIC CONTROL LEGEND

- TEMPORARY PAVEMENT, 6 IN. 
- WORK AREA 
- DIRECTION OF TRAFFIC 
- ARROW BOARD 
- TRAFFIC SIGN 
- BARRICADE TYPE II, DRUM OR VERTICAL BARRICADE WITH MONO-DIRECTIONAL STEADY BURNING LIGHT (SEE NOTES FOR SPACING) 
- BARRICADE TYPE III WITH STEADY BURNING LIGHT 
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 - SKIP DASH YELLOW, 5" 
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 - DOUBLE CENTERLINE, YELLOW, 4" 
 - DOTTED LINES (2'-6" SPACE), 4" 
- TEMPORARY BARRIER WALL WITH BARRIER WALL REFLECTORS 
- TEMPORARY IMPACT ATTENUATORS 

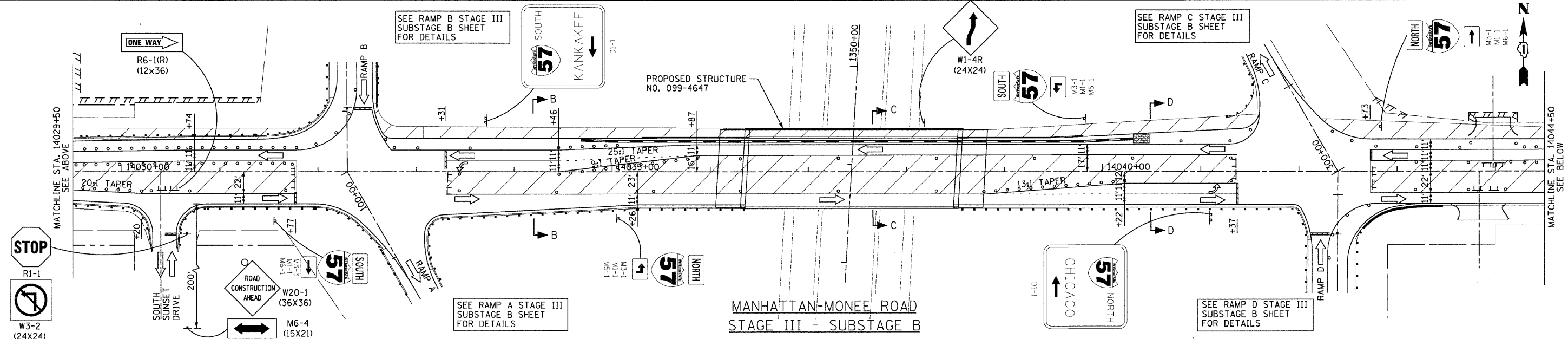
MANHATTAN-MONEE ROAD TRAFFIC CONTROL NOTES

BARRICADE TYPE I OR TYPE II	
LOCATION	SPACING
TANGENT	100' CTS
RETURNS	25' CTS
CURVES	25' CTS
SHOULDER TAPERS	50' CTS
TAPERS	12' CTS

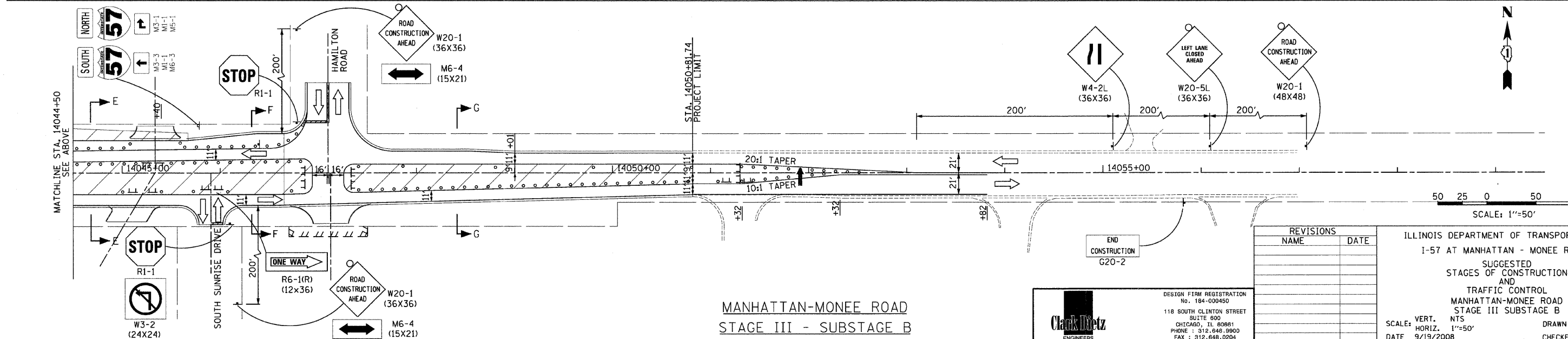
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57		WILL	303	60
STA. TO STA.		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO.		CONTRACT: 62253		



MANHATTAN-MONEE ROAD STAGE III - SUBSTAGE B



MANHATTAN-MONEE ROAD STAGE III - SUBSTAGE B



MANHATTAN-MONEE ROAD STAGE III - SUBSTAGE B

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-57 AT MANHATTAN - MONEE ROAD
 SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
 MANHATTAN-MONEE ROAD STAGE III SUBSTAGE B
 SCALE: VERT. NTS
 HORIZ. 1"=50'
 DATE 9/19/2008
 DRAWN BY KLM
 CHECKED BY TMW

Clark Dietz ENGINEERS
 DESIGN FIRM REGISTRATION No. 184-000450
 118 SOUTH CLINTON STREET SUITE 600
 CHICAGO, IL 60681
 PHONE : 312.648.8900 FAX : 312.648.0204

B:\1102231\1102231.dgn
 8/1/2008

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		
991&2) R-389-118-1-BR-2		CONTRACT: 62253		

RAMP A, B, C, AND D TRAFFIC CONTROL NOTES

BARRICADE TYPE II

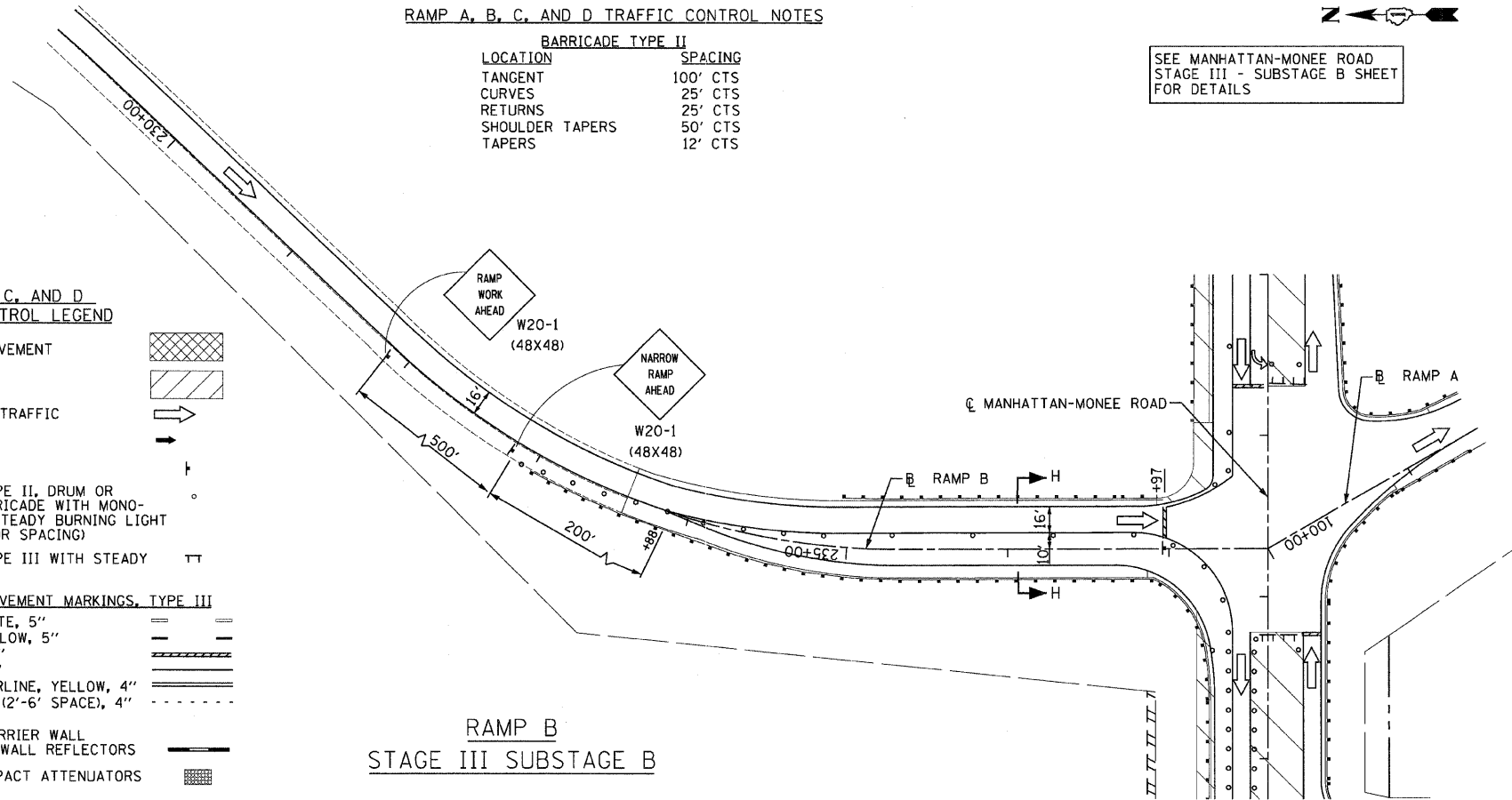
LOCATION	SPACING
TANGENT	100' CTS
CURVES	25' CTS
RETURNS	25' CTS
SHOULDER TAPERS	50' CTS
TAPERS	12' CTS

SEE MANHATTAN-MONEE ROAD
STAGE III - SUBSTAGE B SHEET
FOR DETAILS

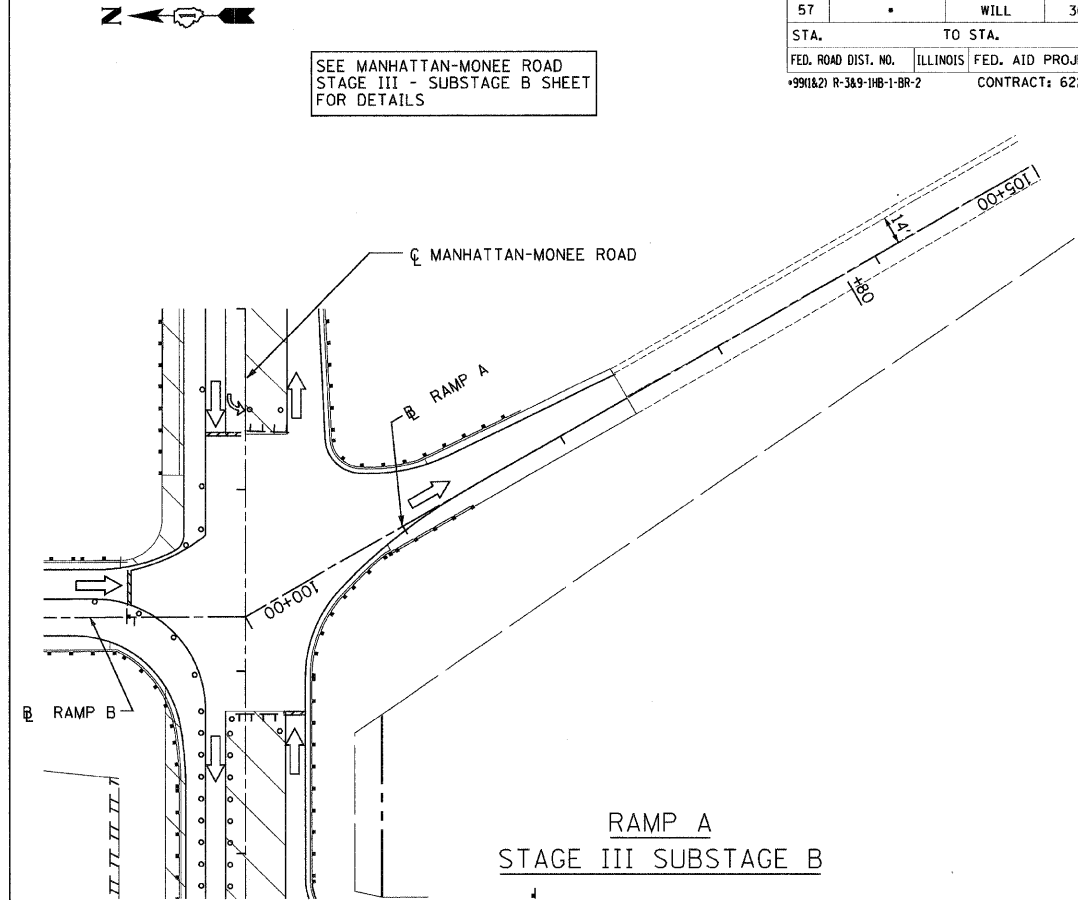
SEE MANHATTAN-MONEE ROAD
STAGE III - SUBSTAGE B SHEET
FOR DETAILS

RAMPS A, B, C, AND D
TRAFFIC CONTROL LEGEND

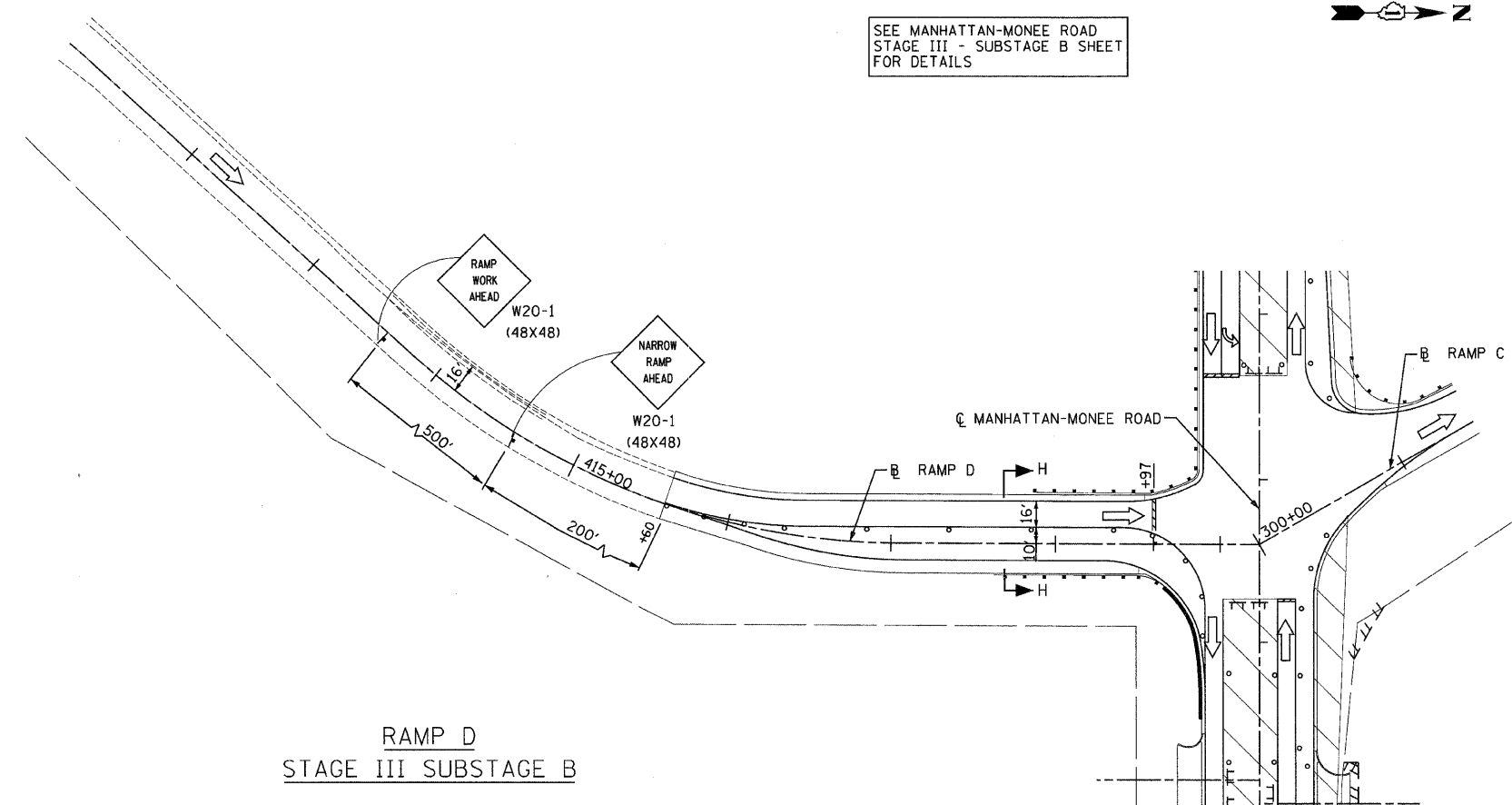
- TEMPORARY PAVEMENT
- WORK AREA
- DIRECTION OF TRAFFIC
- ARROW BOARD
- TRAFFIC SIGN
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 - DOTTED LINES (2'-6" SPACE), 4"
- TEMPORARY BARRIER WALL WITH BARRIER WALL REFLECTORS
- TEMPORARY IMPACT ATTENUATORS



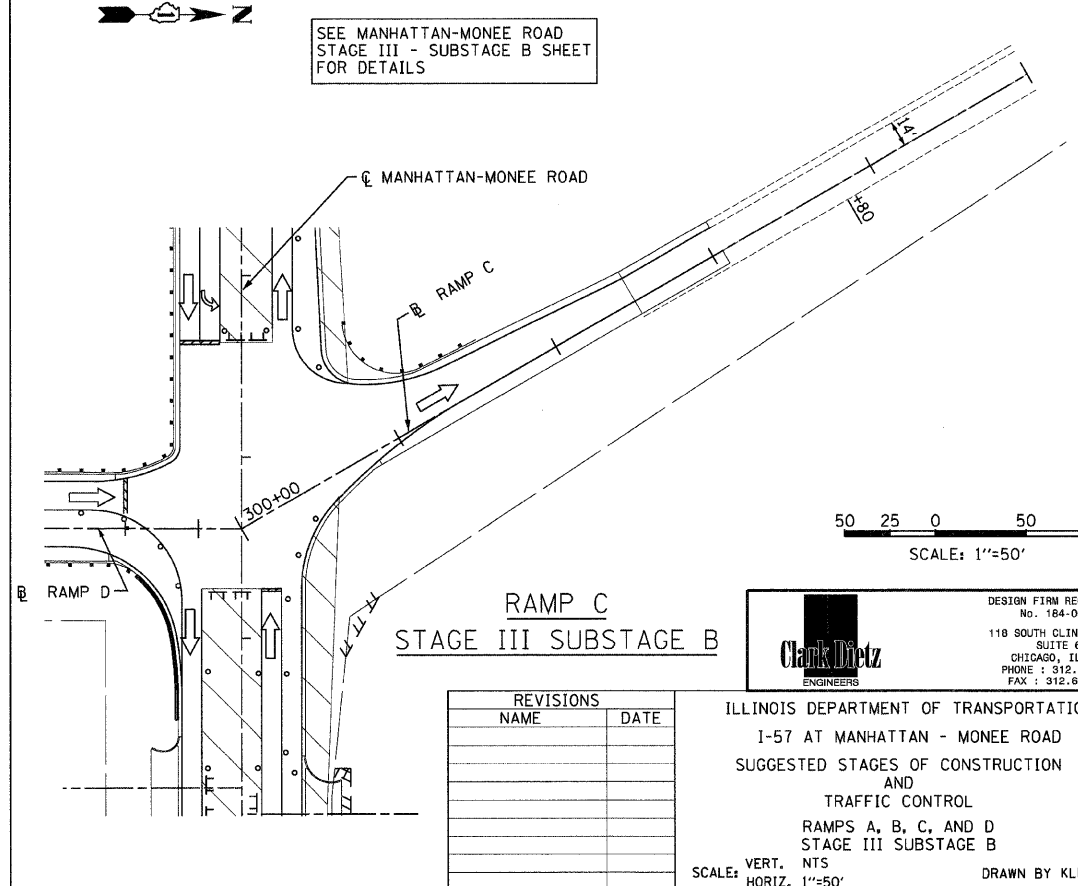
RAMP B
STAGE III SUBSTAGE B



RAMP A
STAGE III SUBSTAGE B



RAMP D
STAGE III SUBSTAGE B



RAMP C
STAGE III SUBSTAGE B

SEE MANHATTAN-MONEE ROAD
STAGE III - SUBSTAGE B SHEET
FOR DETAILS

SEE MANHATTAN-MONEE ROAD
STAGE III - SUBSTAGE B SHEET
FOR DETAILS

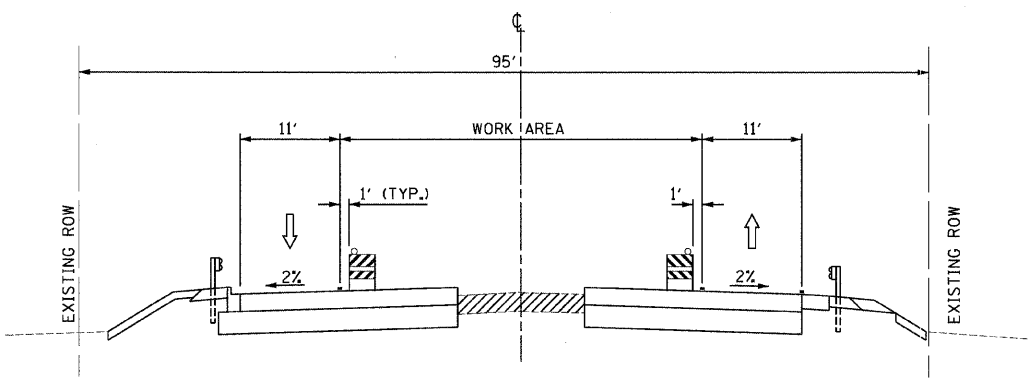
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SCALE: 1"=50'

REVISIONS	
NAME	DATE

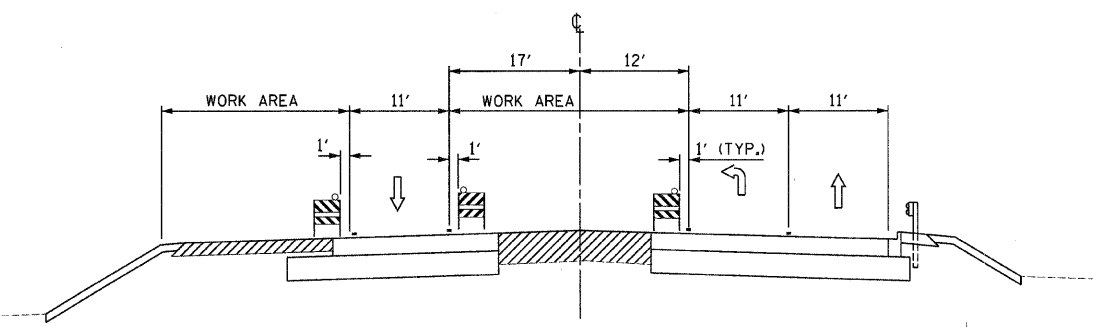
DESIGN FIRM REGISTRATION
No. 184-000450
118 SOUTH CLINTON STREET
SUITE 600
CHICAGO, IL 60661
PHONE : 312.648.9900
FAX : 312.648.0204

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-57 AT MANHATTAN - MONEE ROAD
SUGGESTED STAGES OF CONSTRUCTION
AND
TRAFFIC CONTROL
RAMPS A, B, C, AND D
STAGE III SUBSTAGE B
SCALE: VERT. NTS
HORIZ. 1"=50'
DATE 9/19/2008
DRAWN BY KLM
CHECKED BY TMW

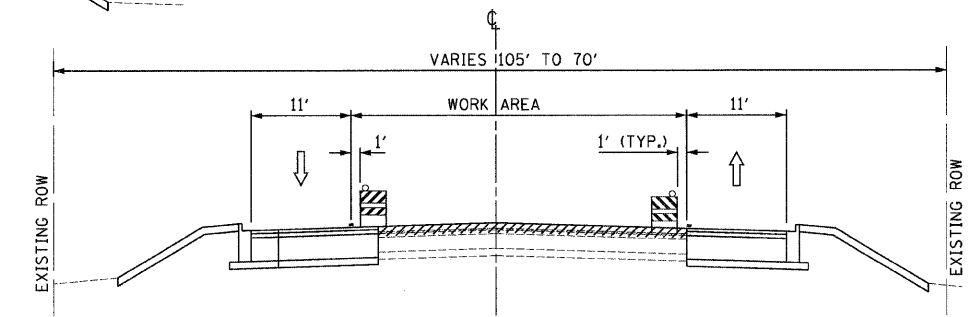
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STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
9901&2	R-3&9-110-1-BR-2	CONTRACT: 62253		



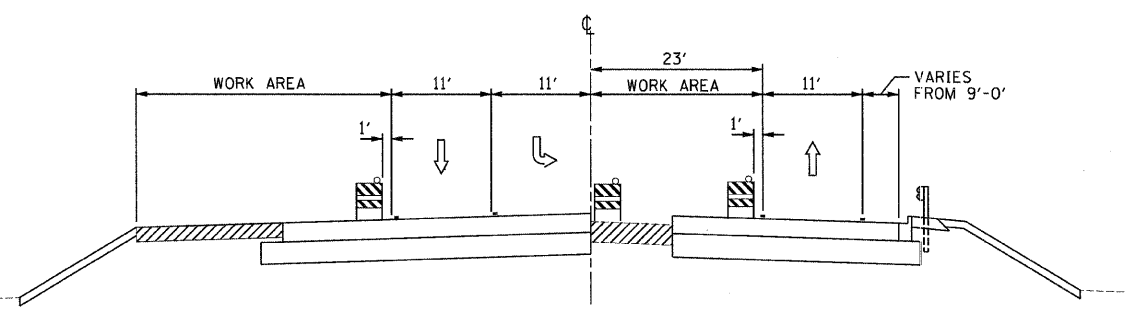
MANHATTAN-MONEE ROAD
STAGE III SUBSTAGE B
SECTION A-A



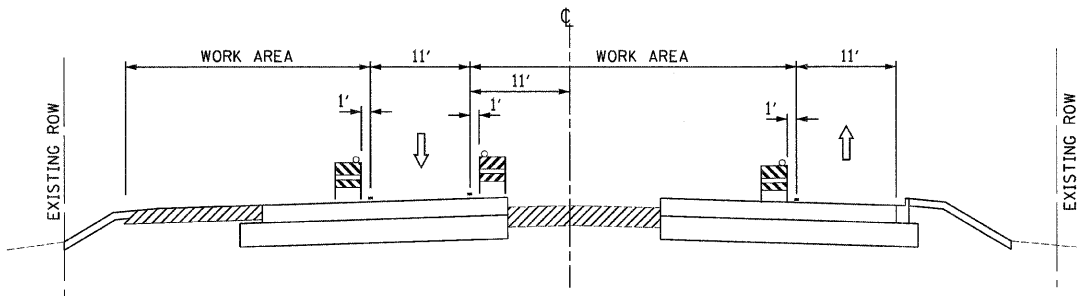
MANHATTAN-MONEE ROAD
STAGE III SUBSTAGE B
SECTION D-D



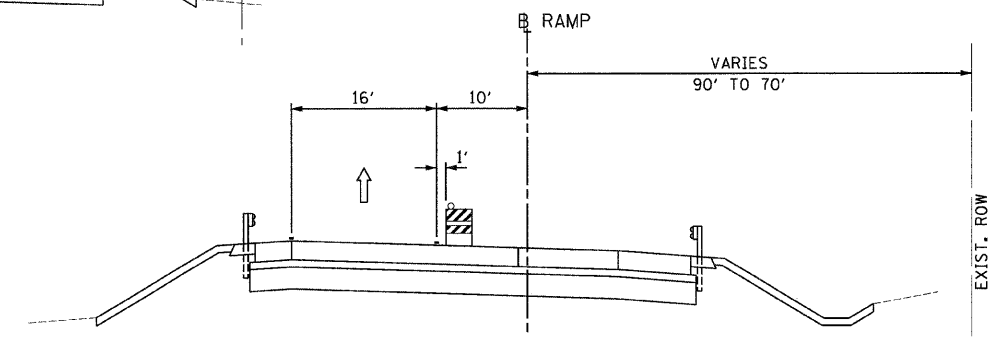
MANHATTAN-MONEE ROAD
STAGE III SUBSTAGE B
SECTION G-G



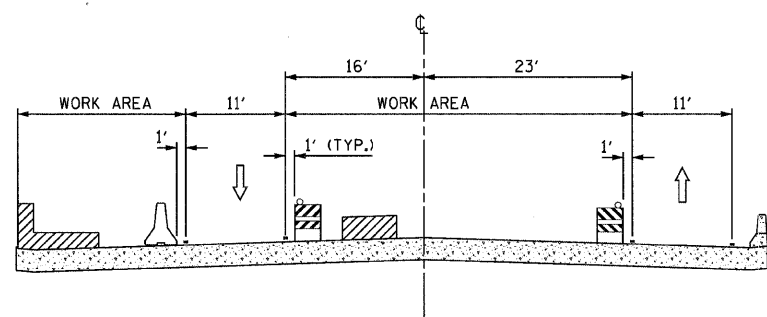
MANHATTAN-MONEE ROAD
STAGE III SUBSTAGE B
SECTION B-B



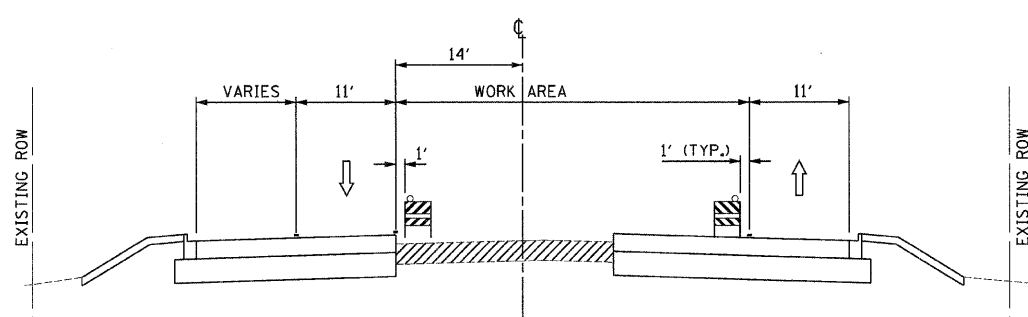
MANHATTAN-MONEE ROAD
STAGE III SUBSTAGE B
SECTION E-E



RAMP B & D
STAGE III SUBSTAGE B
SECTION H-H



MANHATTAN-MONEE ROAD
STAGE III SUBSTAGE B
SECTION C-C



MANHATTAN-MONEE ROAD
STAGE III SUBSTAGE B
SECTION F-F

LEGEND

	PAVEMENT CONSTRUCTION
	TEMPORARY PAVEMENT

NOTE:
TEMPORARY PAVEMENT MARKING TYPE, COLOR, AND SIZE ARE AS SHOWN ON STAGING PLAN SHEETS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-57 AT MANHATTAN - MONEE ROAD
SUGGESTED STAGES OF CONSTRUCTION
AND
TRAFFIC CONTROL
TYPICAL SECTIONS
STAGE III SUBSTAGE B

SCALE: VERT. NTS
HORIZ. NTS
DATE 9/19/2008

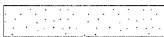




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CHECKED BY TMW

Clark Dietz
ENGINEERS

DESIGN FIRM REGISTRATION
No. 184-000450
118 SOUTH CLINTON STREET
SUITE 800
CHICAGO, IL 60661
PHONE : 312.648.9900
FAX : 312.648.0204

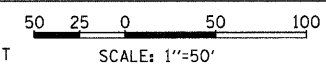
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 9/17/2008

EROSION CONTROL LEGEND

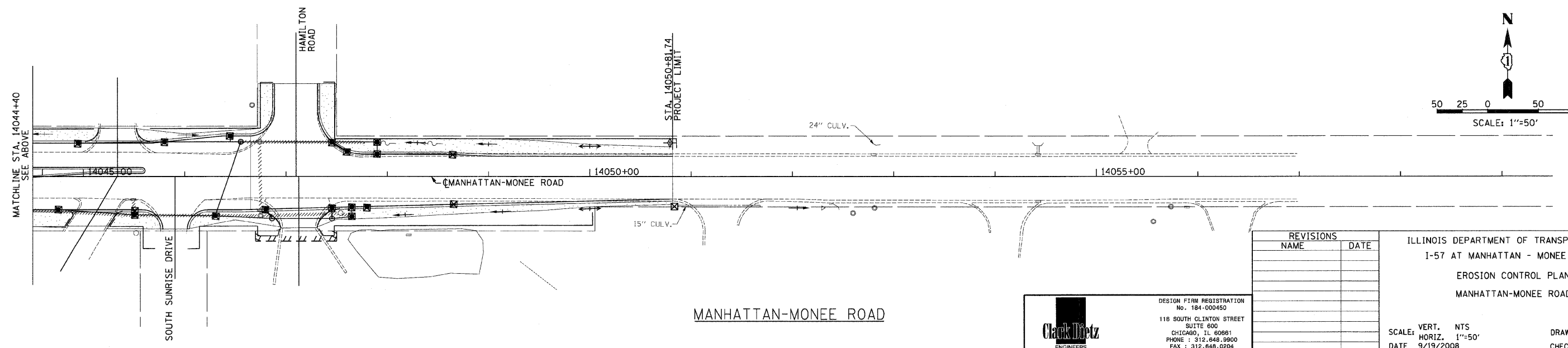
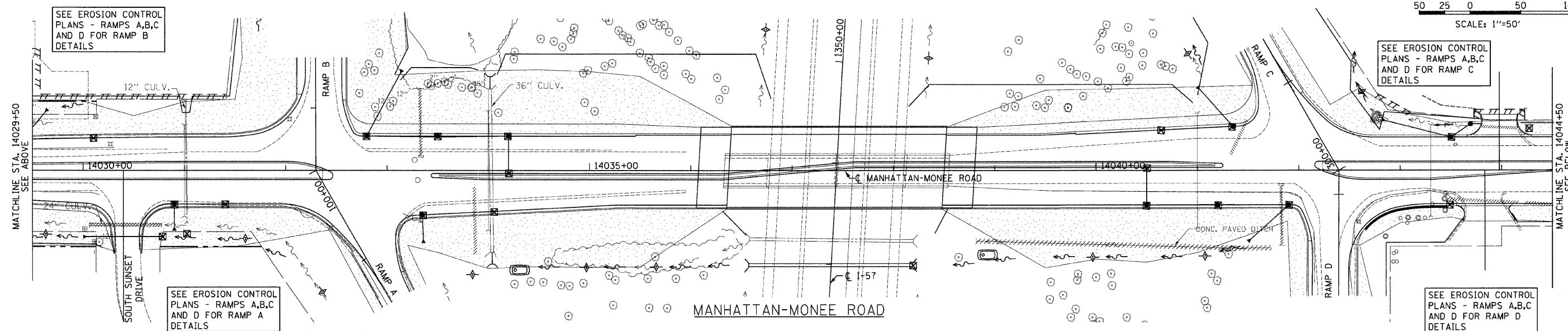
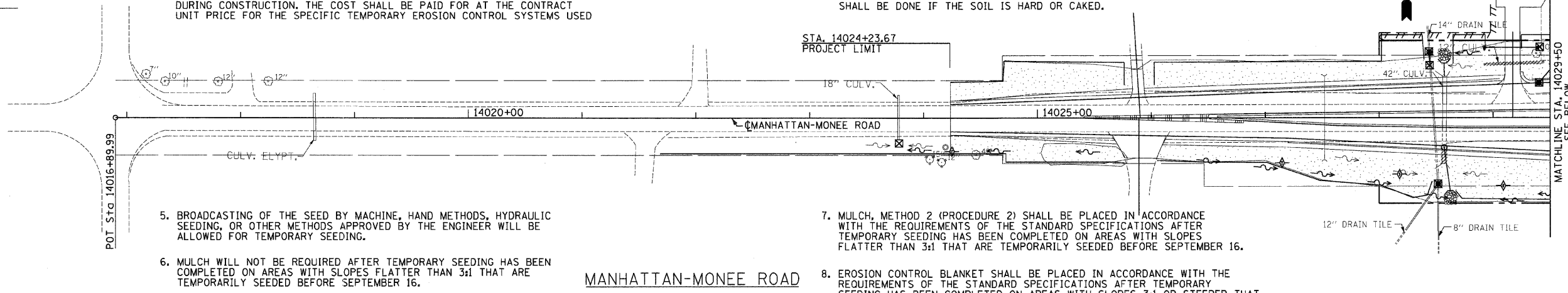
- TEMPORARY SEEDING 
- SEDIMENT CONTROL, SILT FENCE 
- INLET AND PIPE PROTECTION 
- TEMPORARY DITCH CHECK 
- SEDIMENT BASIN 

EROSION CONTROL NOTES

1. THE CONTRACTOR SHALL APPLY TEMPORARY SEEDING TO ALL ERODIBLE BARE EARTH AREAS WITHIN 7 DAYS AFTER THE EARTH IS EXPOSED. APPLICATION RATE USED: 100 LB/ACRE
2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ADEQUATE DRAINAGE DURING CONSTRUCTION. THE COST SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE SPECIFIC TEMPORARY EROSION CONTROL SYSTEMS USED
3. TOPSOIL, FERTILIZER NUTRIENTS, AND EROSION CONTROL BLANKET ARE NOT REQUIRED FOR TEMPORARY EROSION CONTROL SEEDING.
4. SEED BED PREPARATION WILL NOT BE REQUIRED FOR TEMPORARY SEEDING IF THE SOIL IS IN A LOOSE CONDITION. LIGHT DISKING SHALL BE DONE IF THE SOIL IS HARD OR CAKED.
5. BROADCASTING OF THE SEED BY MACHINE, HAND METHODS, HYDRAULIC SEEDING, OR OTHER METHODS APPROVED BY THE ENGINEER WILL BE ALLOWED FOR TEMPORARY SEEDING.
6. MULCH WILL NOT BE REQUIRED AFTER TEMPORARY SEEDING HAS BEEN COMPLETED ON AREAS WITH SLOPES FLATTER THAN 3:1 THAT ARE TEMPORARILY SEEDED BEFORE SEPTEMBER 16.
7. MULCH, METHOD 2 (PROCEDURE 2) SHALL BE PLACED IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS AFTER TEMPORARY SEEDING HAS BEEN COMPLETED ON AREAS WITH SLOPES FLATTER THAN 3:1 THAT ARE TEMPORARILY SEEDED BEFORE SEPTEMBER 16.
8. EROSION CONTROL BLANKET SHALL BE PLACED IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS AFTER TEMPORARY SEEDING HAS BEEN COMPLETED ON AREAS WITH SLOPES 3:1 OR STEEPER THAT ARE TEMPORARILY SEEDED ON OR AFTER SEPTEMBER 16.



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57		WILL	303	63
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
990182) R-389-1WB-1-BR-2		CONTRACT: 62253		




REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-57 AT MANHATTAN - MONEE ROAD
 EROSION CONTROL PLAN
 MANHATTAN-MONEE ROAD

SCALE: VERT. NTS
 HORIZ. 1"=50'
 DATE 9/19/2008

DRAWN BY MK, KN
 CHECKED BY TMW



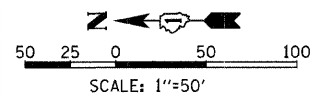
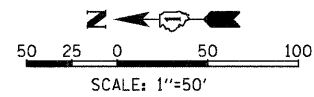
DESIGN FIRM REGISTRATION
 No. 184-000450
 118 SOUTH CLINTON STREET
 SUITE 600
 CHICAGO, IL 60681
 PHONE : 312.648.9900
 FAX : 312.648.0204

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 8/17/2008

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	64
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
0991&2) R-3&9-1H&1-BR-2		CONTRACT: 62253		

EROSION CONTROL NOTES

1. THE CONTRACTOR SHALL APPLY TEMPORARY SEEDING TO ALL ERODIBLE BARE EARTH AREAS WITHIN 7 DAYS AFTER THE EARTH IS EXPOSED. APPLICATION RATE USED: 100 LB/ACRE
2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ADEQUATE DRAINAGE DURING CONSTRUCTION. THE COST SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE SPECIFIC TEMPORARY EROSION CONTROL SYSTEMS USED



SEE EROSION CONTROL PLAN-MANHATTAN-MONEE ROAD FOR MANHATTAN-MONEE ROAD DETAILS

SEE EROSION CONTROL PLAN-I-57 FOR I-57 RAMP B DETAILS

SEE EROSION CONTROL PLAN-MANHATTAN-MONEE ROAD FOR MANHATTAN-MONEE ROAD DETAILS

EROSION CONTROL LEGEND

- TEMPORARY SEEDING
- SEDIMENT CONTROL, SILT FENCE
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK
- SEDIMENT BASIN

SEE COMMITMENT No. 1 FOR INFORMATION REGARDING RAMP B

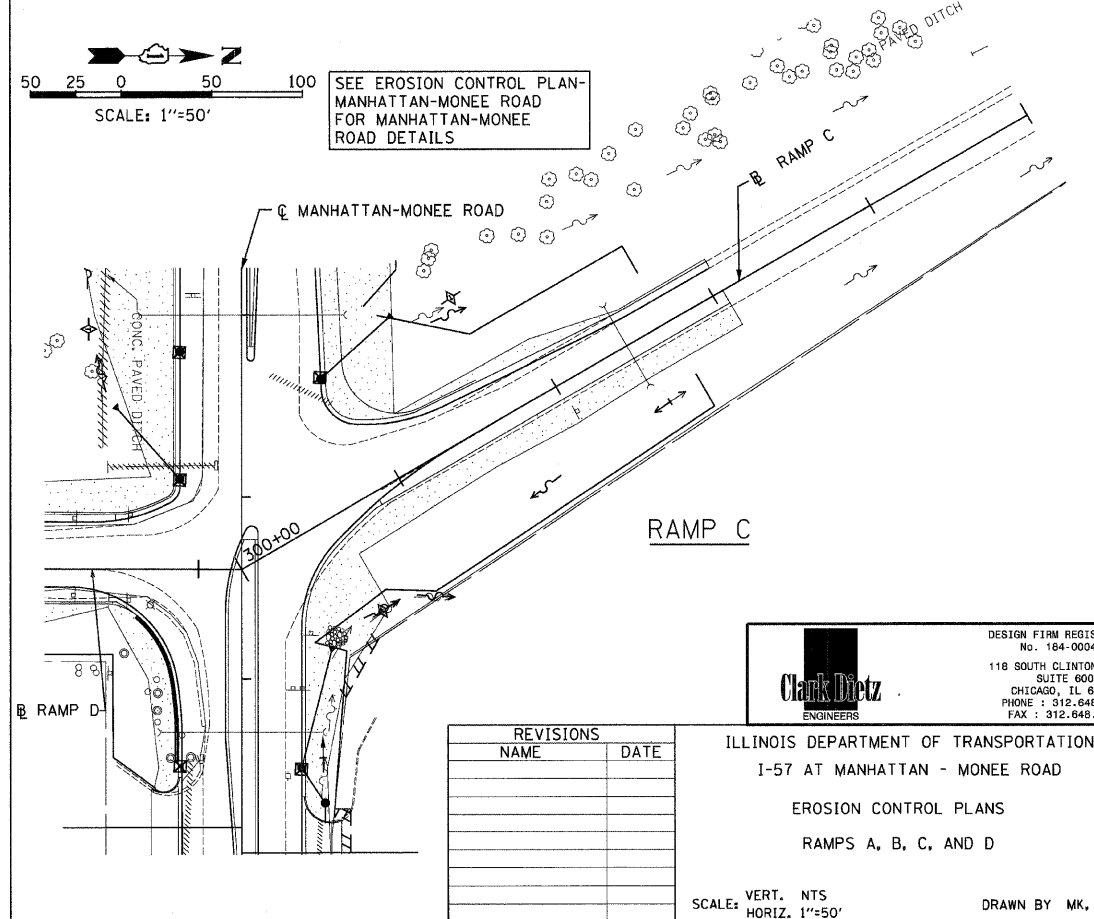
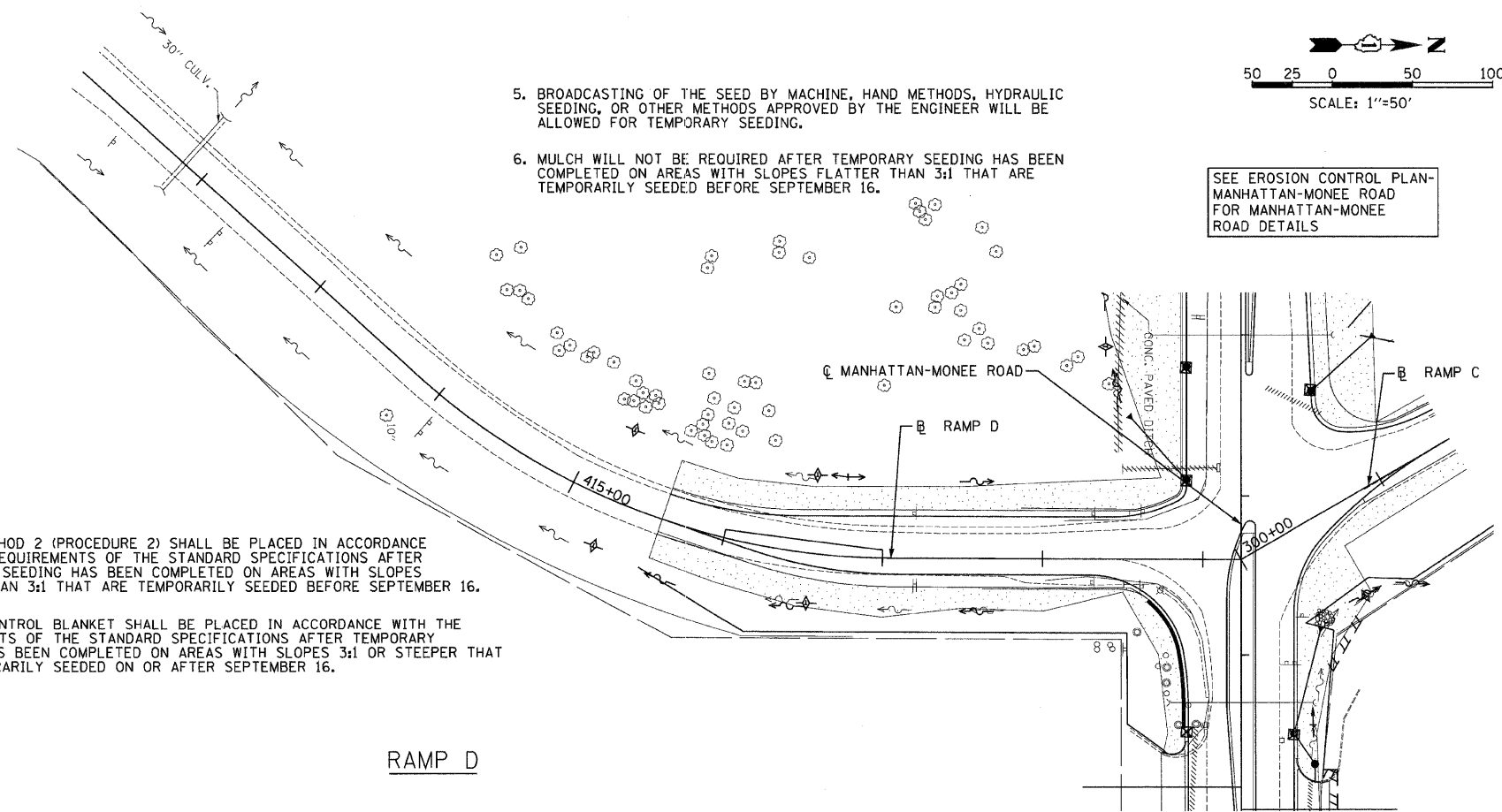
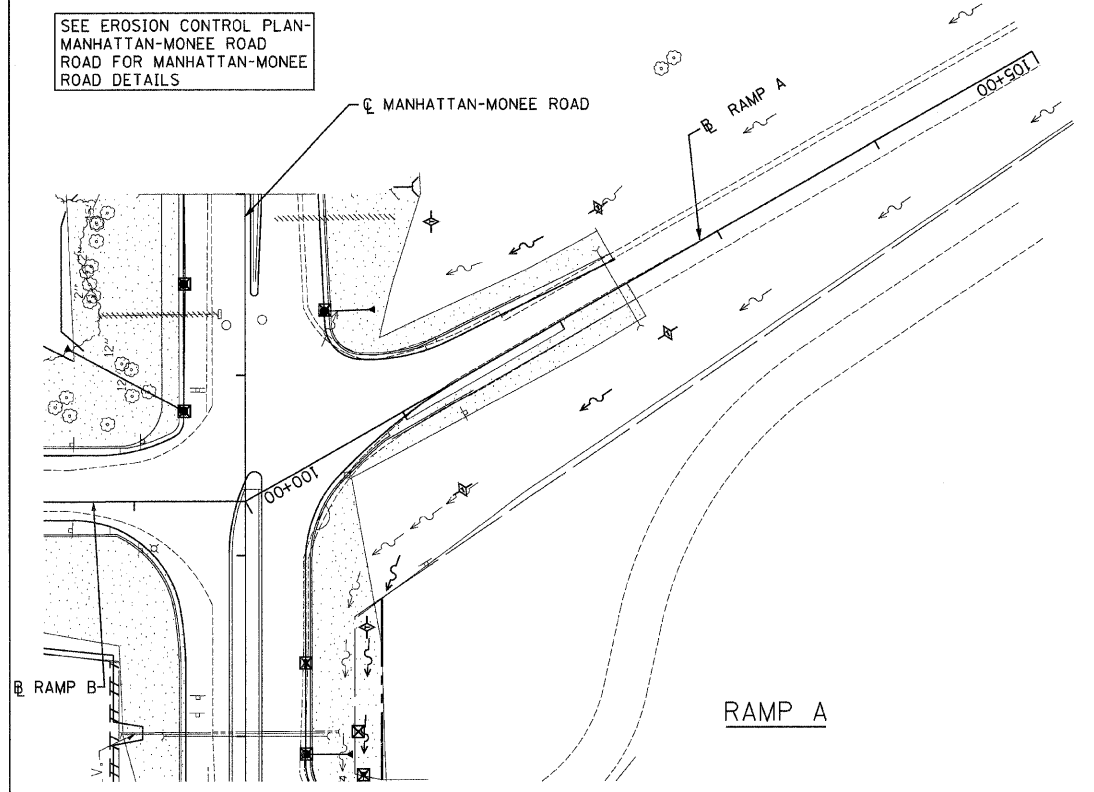
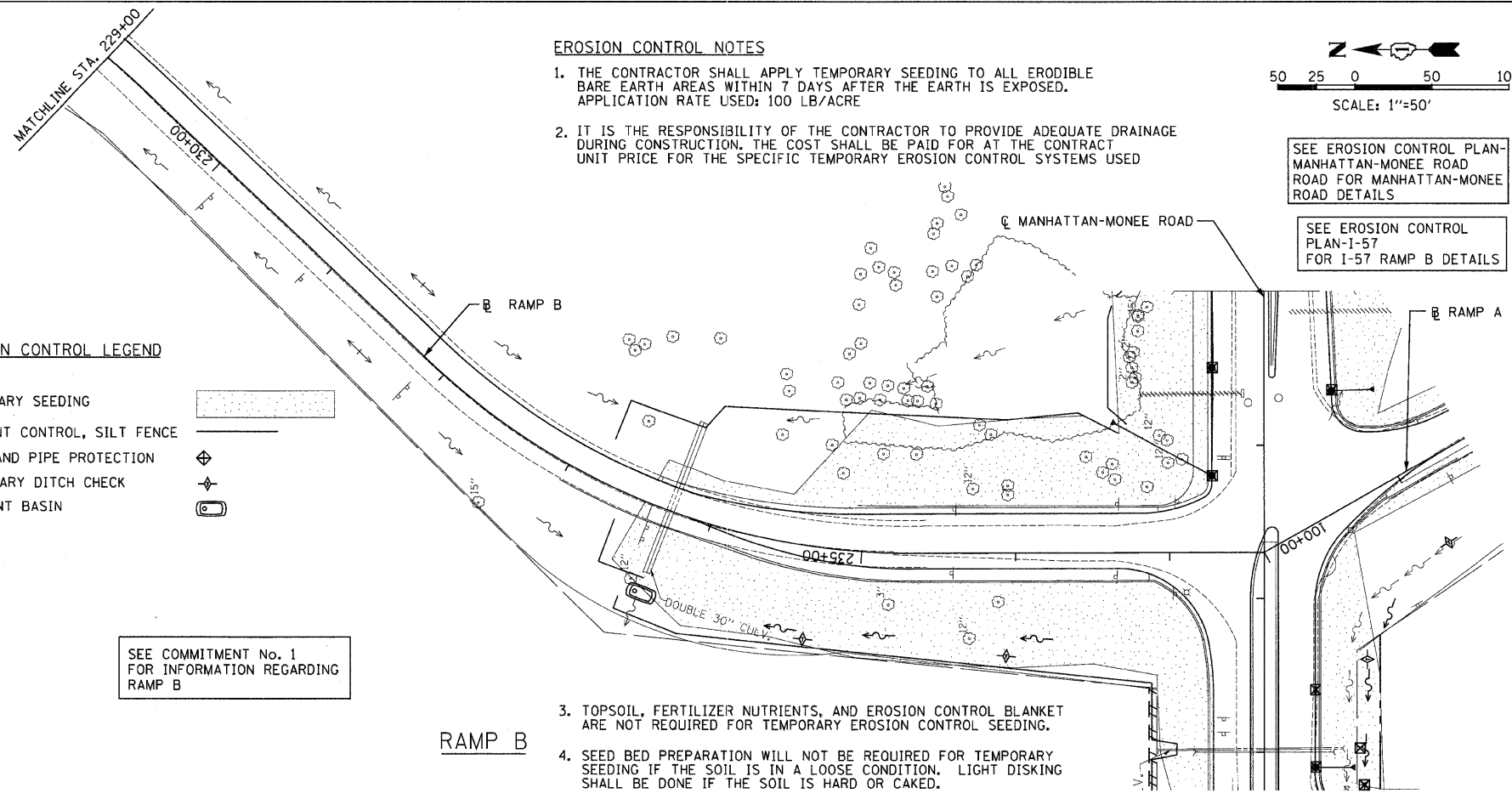
3. TOPSOIL, FERTILIZER NUTRIENTS, AND EROSION CONTROL BLANKET ARE NOT REQUIRED FOR TEMPORARY EROSION CONTROL SEEDING.
4. SEED BED PREPARATION WILL NOT BE REQUIRED FOR TEMPORARY SEEDING IF THE SOIL IS IN A LOOSE CONDITION. LIGHT DISKING SHALL BE DONE IF THE SOIL IS HARD OR CAKED.

5. BROADCASTING OF THE SEED BY MACHINE, HAND METHODS, HYDRAULIC SEEDING, OR OTHER METHODS APPROVED BY THE ENGINEER WILL BE ALLOWED FOR TEMPORARY SEEDING.
6. MULCH WILL NOT BE REQUIRED AFTER TEMPORARY SEEDING HAS BEEN COMPLETED ON AREAS WITH SLOPES FLATTER THAN 3:1 THAT ARE TEMPORARILY SEEDED BEFORE SEPTEMBER 16.

SEE EROSION CONTROL PLAN-MANHATTAN-MONEE ROAD FOR MANHATTAN-MONEE ROAD DETAILS

SEE EROSION CONTROL PLAN-MANHATTAN-MONEE ROAD FOR MANHATTAN-MONEE ROAD DETAILS

7. MULCH, METHOD 2 (PROCEDURE 2) SHALL BE PLACED IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS AFTER TEMPORARY SEEDING HAS BEEN COMPLETED ON AREAS WITH SLOPES FLATTER THAN 3:1 THAT ARE TEMPORARILY SEEDED BEFORE SEPTEMBER 16.
8. EROSION CONTROL BLANKET SHALL BE PLACED IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS AFTER TEMPORARY SEEDING HAS BEEN COMPLETED ON AREAS WITH SLOPES 3:1 OR STEEPER THAT ARE TEMPORARILY SEEDED ON OR AFTER SEPTEMBER 16.



REVISIONS	
NAME	DATE

Clark Dietz
ENGINEERS

DESIGN FIRM REGISTRATION
No. 184-000450
118 SOUTH CLINTON STREET
SUITE 600
CHICAGO, IL 60661
PHONE : 312.648.9900
FAX : 312.648.0204

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-57 AT MANHATTAN - MONEE ROAD
EROSION CONTROL PLANS
RAMPS A, B, C, AND D






SCALE: VERT. NTS
HORIZ. 1"=50'
DATE 9/19/2008

DRAWN BY MK, KN
CHECKED BY TMW

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 8/17/2008

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	65
STA. 1343+50	TO STA. 1367+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
*9918(2) R-389-118-1-BR-2		CONTRACT: 62253		

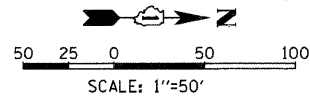
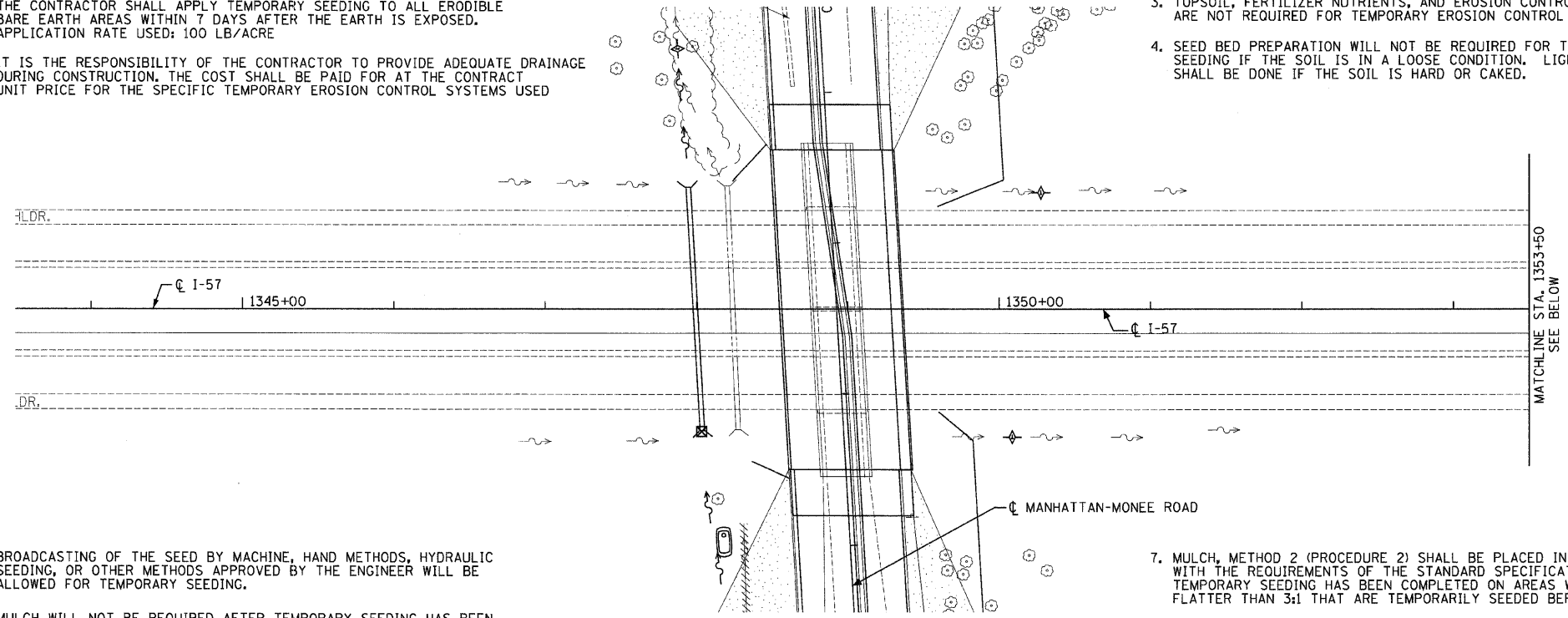
EROSION CONTROL LEGEND

- TEMPORARY SEEDING 
- SEDIMENT CONTROL, SILT FENCE 
- INLET AND PIPE PROTECTION 
- TEMPORARY DITCH CHECK 
- SEDIMENT BASIN 

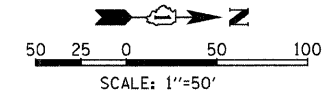
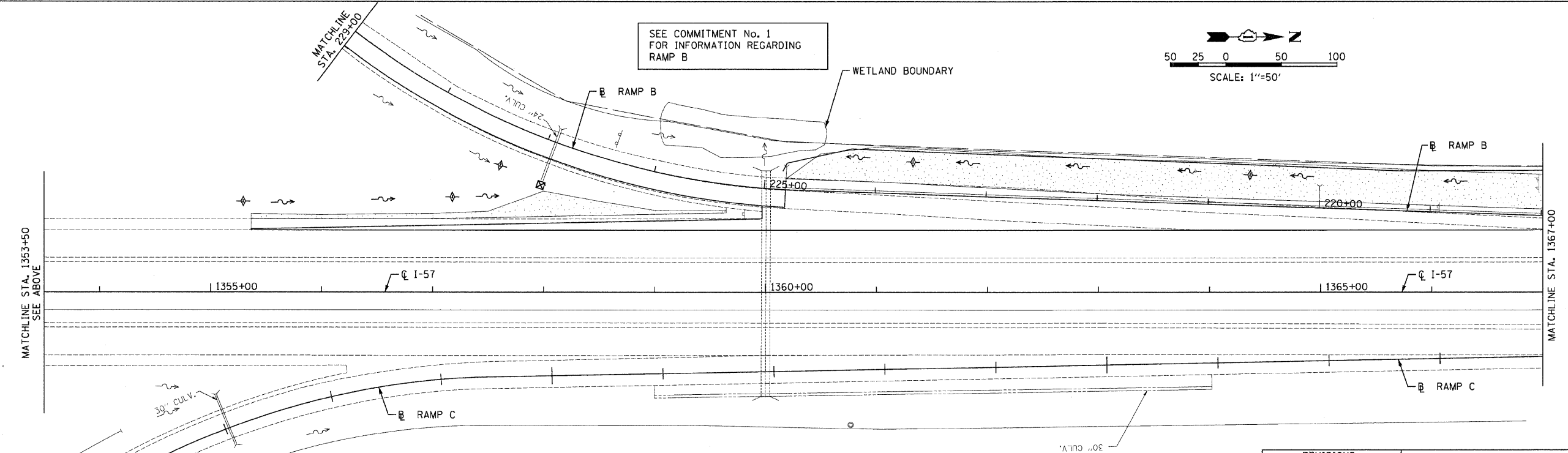
EROSION CONTROL NOTES

1. THE CONTRACTOR SHALL APPLY TEMPORARY SEEDING TO ALL ERODIBLE BARE EARTH AREAS WITHIN 7 DAYS AFTER THE EARTH IS EXPOSED. APPLICATION RATE USED: 100 LB/ACRE
2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ADEQUATE DRAINAGE DURING CONSTRUCTION. THE COST SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE SPECIFIC TEMPORARY EROSION CONTROL SYSTEMS USED
3. TOPSOIL, FERTILIZER NUTRIENTS, AND EROSION CONTROL BLANKET ARE NOT REQUIRED FOR TEMPORARY EROSION CONTROL SEEDING.
4. SEED BED PREPARATION WILL NOT BE REQUIRED FOR TEMPORARY SEEDING IF THE SOIL IS IN A LOOSE CONDITION. LIGHT DISKING SHALL BE DONE IF THE SOIL IS HARD OR CAKED.
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8. EROSION CONTROL BLANKET SHALL BE PLACED IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS AFTER TEMPORARY SEEDING HAS BEEN COMPLETED ON AREAS WITH SLOPES 3:1 OR STEEPER THAT ARE TEMPORARILY SEEDED ON OR AFTER SEPTEMBER 16.



I-57



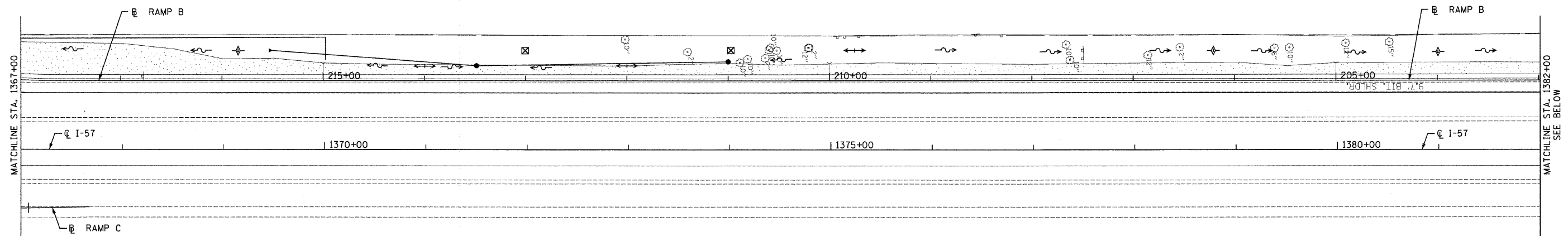
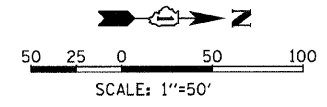
I-57

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-57 AT MANHATTAN - MONEE ROAD
 EROSION CONTROL PLAN
 I-57
 1 OF 2
 SCALE: VERT. NTS
 HORIZ. 1"=50'
 DATE 9/19/2008
 DRAWN BY MK, KN
 CHECKED BY TMW

Clark Dietz
 ENGINEERS
 DESIGN FIRM REGISTRATION
 No. 184-000450
 118 SOUTH CLINTON STREET
 SUITE 800
 CHICAGO, IL 60661
 PHONE : 312.648.9900
 FAX : 312.648.0204

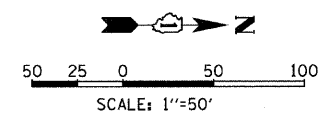
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57		WILL	303	66
STA. 1367+00		TO STA. 1390+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
*991A27 R-389-1H8-1-BR-2		CONTRACT: 62253		



EROSION CONTROL NOTES

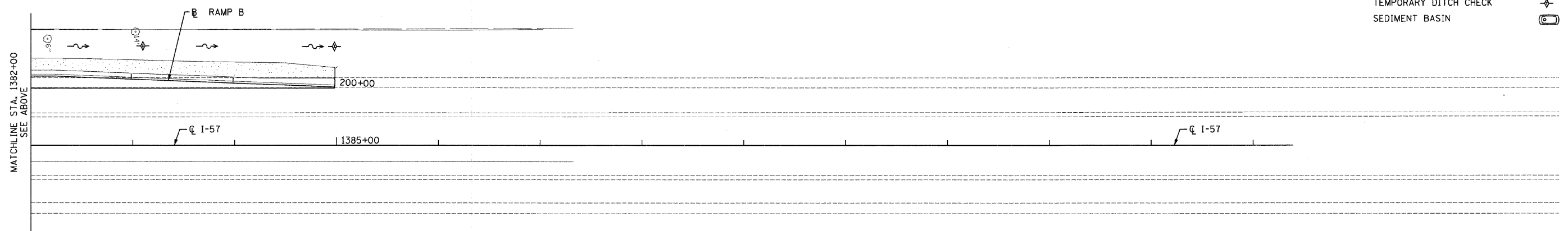
- THE CONTRACTOR SHALL APPLY TEMPORARY SEEDING TO ALL ERODIBLE BARE EARTH AREAS WITHIN 7 DAYS AFTER THE EARTH IS EXPOSED. APPLICATION RATE USED: 100 LB/ACRE
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ADEQUATE DRAINAGE DURING CONSTRUCTION. THE COST SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE SPECIFIC TEMPORARY EROSION CONTROL SYSTEMS USED
- TOPSOIL, FERTILIZER NUTRIENTS, AND EROSION CONTROL BLANKET ARE NOT REQUIRED FOR TEMPORARY EROSION CONTROL SEEDING.
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- MULCH, METHOD 2 (PROCEDURE 2) SHALL BE PLACED IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS AFTER TEMPORARY SEEDING HAS BEEN COMPLETED ON AREAS WITH SLOPES FLATTER THAN 3:1 THAT ARE TEMPORARILY SEEDED BEFORE SEPTEMBER 16.
- EROSION CONTROL BLANKET SHALL BE PLACED IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS AFTER TEMPORARY SEEDING HAS BEEN COMPLETED ON AREAS WITH SLOPES 3:1 OR STEEPER THAT ARE TEMPORARILY SEEDED ON OR AFTER SEPTEMBER 16.

I-57



EROSION CONTROL LEGEND

- TEMPORARY SEEDING
- SEDIMENT CONTROL, SILT FENCE
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK
- SEDIMENT BASIN



I-57

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-57 AT MANHATTAN - MONEE ROAD
 EROSION CONTROL PLAN
 I-57
 2 OF 2

Clark Dietz
 ENGINEERS

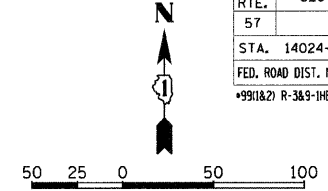
DESIGN FIRM REGISTRATION
 No. 184-000450
 118 SOUTH CLINTON STREET
 SUITE 600
 CHICAGO, IL 60661
 PHONE : 312.648.9900
 FAX : 312.648.0204

SCALE: VERT. NTS
 HORIZ. 1"=50'
 DATE 9/19/2008

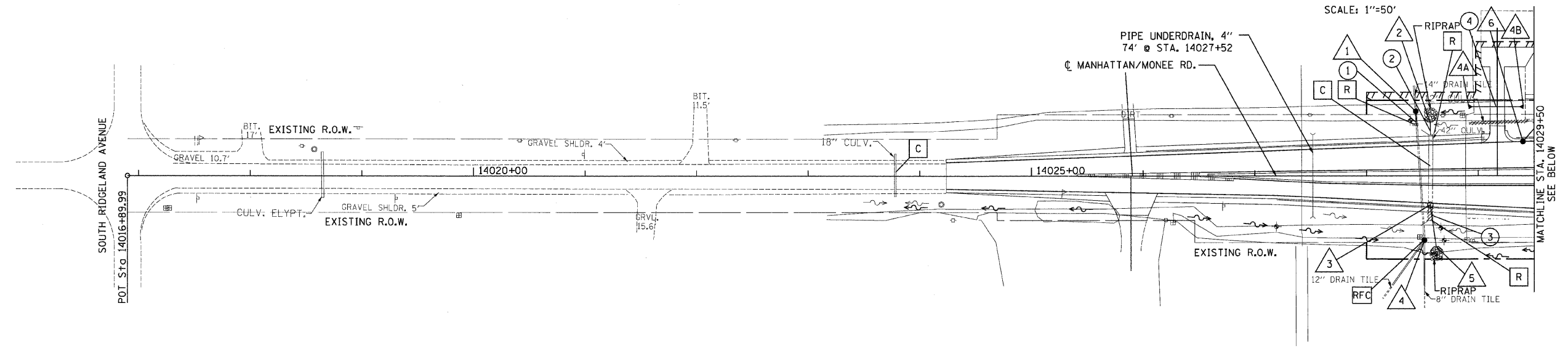
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 CHECKED BY TMW

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 8/17/2008

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57		WILL	303	67
STA. 14024+23.67 TO STA. 14044+50				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
*991&2) R-3&9-1B-1-BR-2				

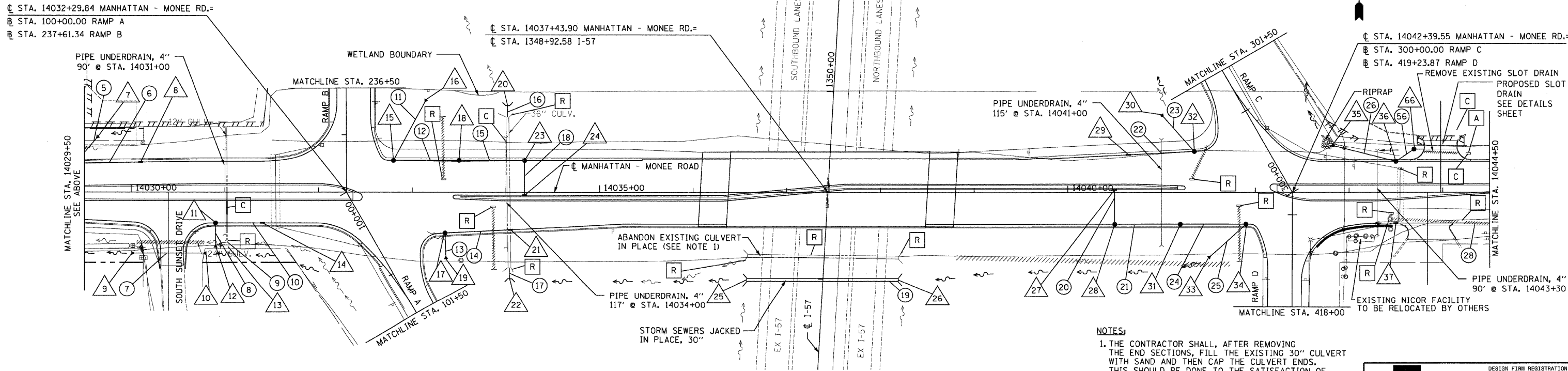
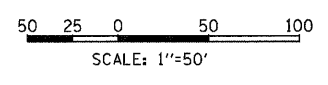


PLAN	DATE
REVISIONS	
NO. 1	
NO. 2	
NO. 3	
NO. 4	
NO. 5	
NO. 6	
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NO. 9	
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NO. 67	



MANHATTAN - MONEE ROAD

PROFILE	DATE
REVISIONS	
NO. 1	
NO. 2	
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NO. 65	
NO. 66	
NO. 67	



MANHATTAN - MONEE ROAD

- NOTES:**
1. THE CONTRACTOR SHALL, AFTER REMOVING THE END SECTIONS, FILL THE EXISTING 30" CULVERT WITH SAND AND THEN CAP THE CULVERT ENDS. THIS SHOULD BE DONE TO THE SATISFACTION OF THE ENGINEER.
 2. SEE GENERAL NOTES FOR SPECIAL AND HAZARDOUS WASTE REMOVAL

Clark Dietz
ENGINEERS

DESIGN FIRM REGISTRATION
No. 184-000450
118 SOUTH CLINTON STREET
SUITE 600
CHICAGO, IL 60661
PHONE : 312.648.9900
FAX : 312.648.0204

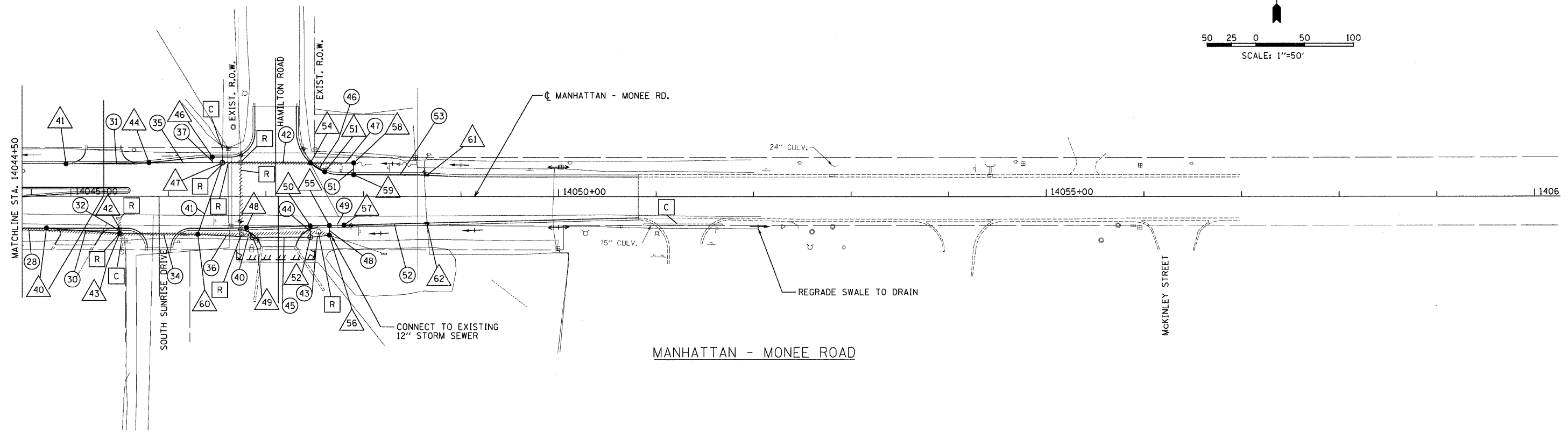
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	68
STA. 14044+50		TO STA. 14050+81.74		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
+991&21 R-3&9-11B-1-BR-2				



50 25 0 50 100
SCALE: 1"=50'

PLAN	REVISIONS	DATE
DESIGNED	BY	
CHECKED		
PLOTTED		
ALIGNED		
NOTED		
NO.		



PROFILE	REVISIONS	DATE
DESIGNED	BY	
CHECKED		
PLOTTED		
GRADING		
NOTED		
NO.		

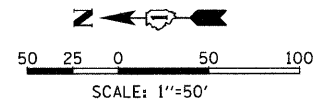
NOTE:
SEE GENERAL NOTES FOR SPECIAL AND HAZARDOUS WASTE REMOVAL

Clark Dietz
ENGINEERS

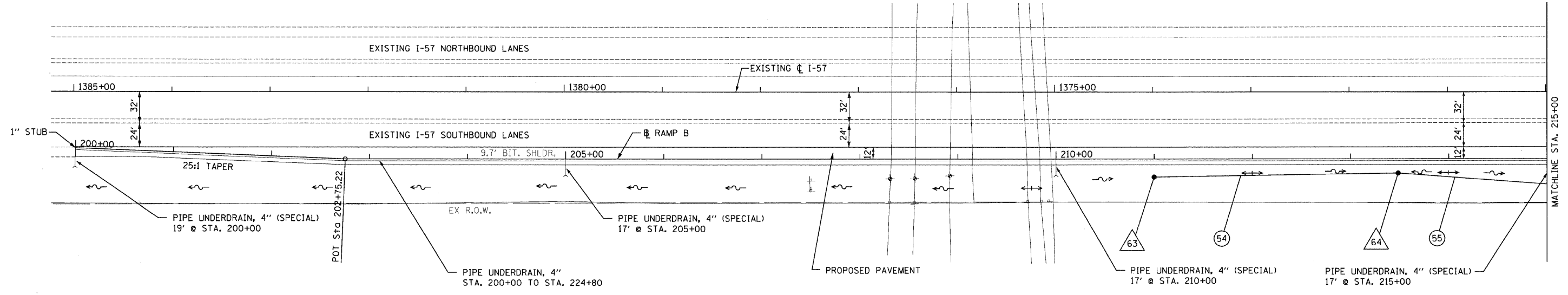
DESIGN FIRM REGISTRATION NO. 184-000450
118 SOUTH CLINTON STREET SUITE 600
CHICAGO, IL 60661
PHONE : 312.648.9900
FAX : 312.648.0204

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6/1/2006

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57		WILL	303	69
STA. 200+00		TO STA. 215+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
*9910&21 R-383-106-1-BR-2		CONTRACT : 62253		



PLAN	DESIGNED	DATE
BY	CHECKED	
NO.	NO.	
NO.	NO.	

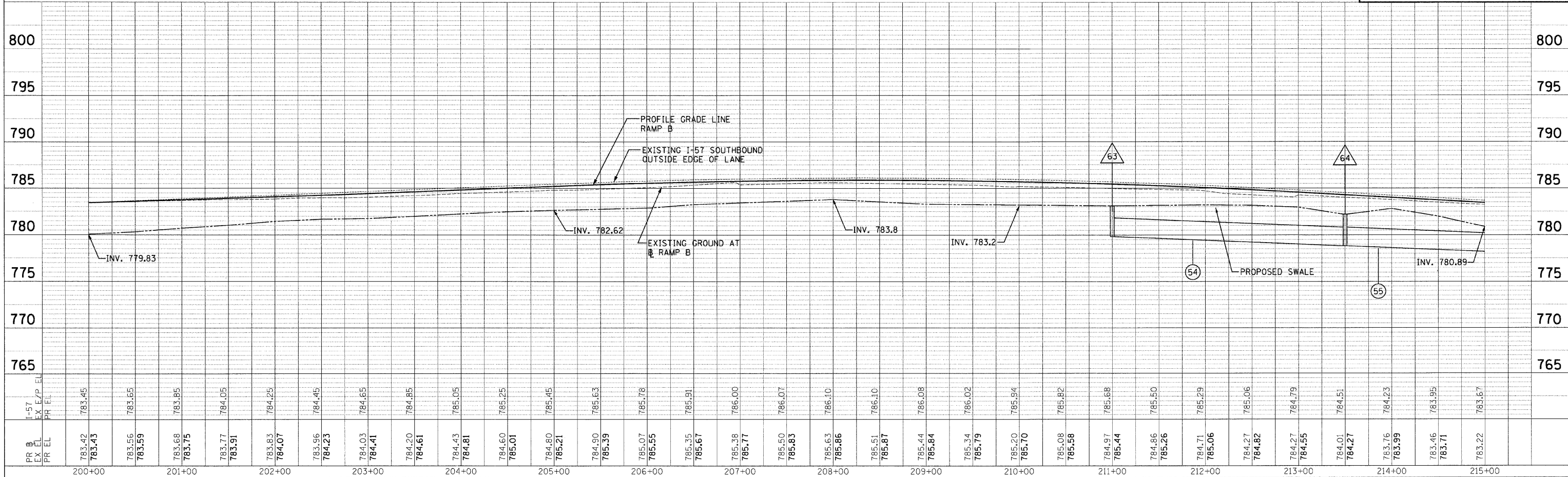


RAMP B

NOTE:
SEE GENERAL NOTES FOR SPECIAL AND HAZARDOUS WASTE REMOVAL

DESIGN FIRM REGISTRATION
No. 184-000450
118 SOUTH CLINTON STREET
SUITE 600
CHICAGO, IL 60661
PHONE : 312.648.9800
FAX : 312.648.0204

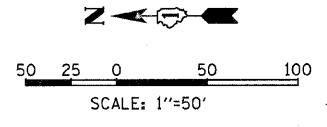
PROFILE	DATE
BY	
NO.	
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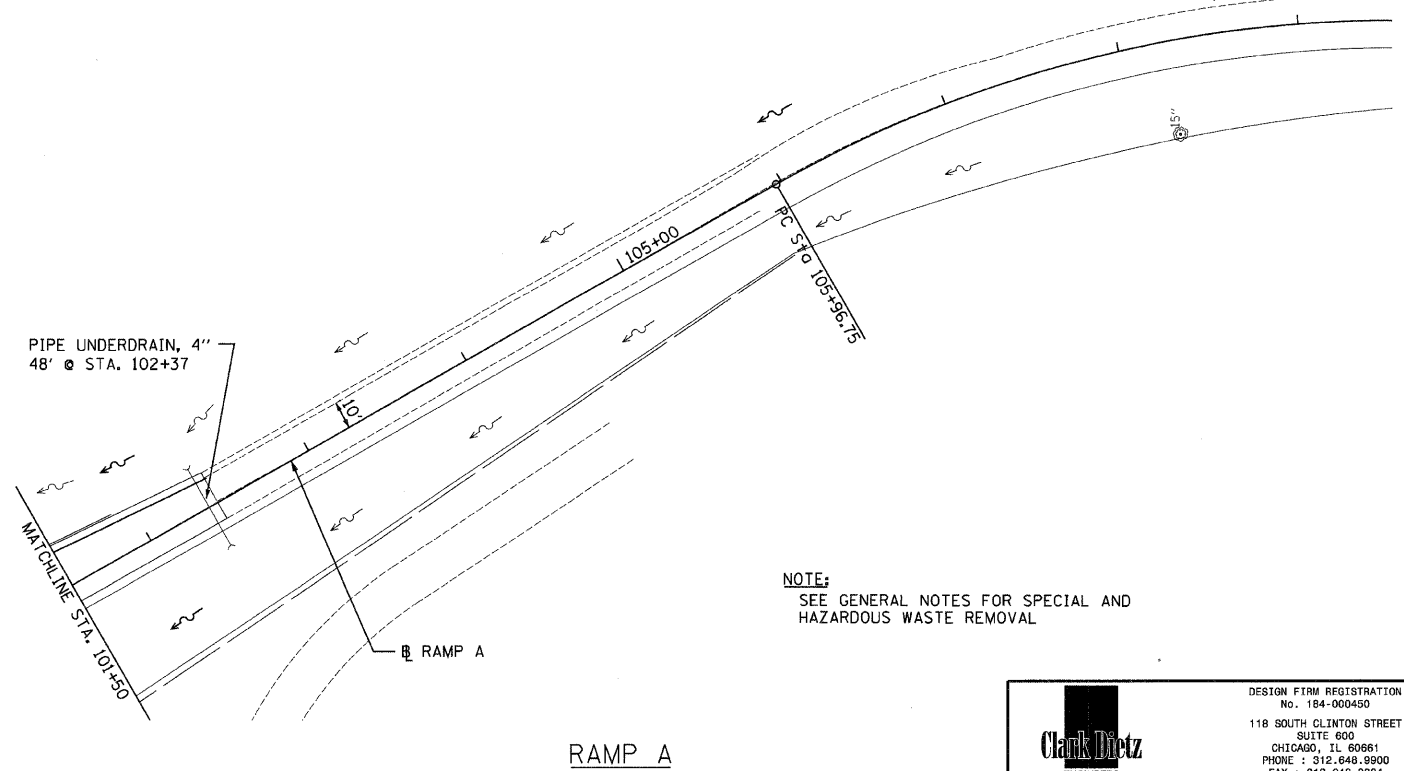
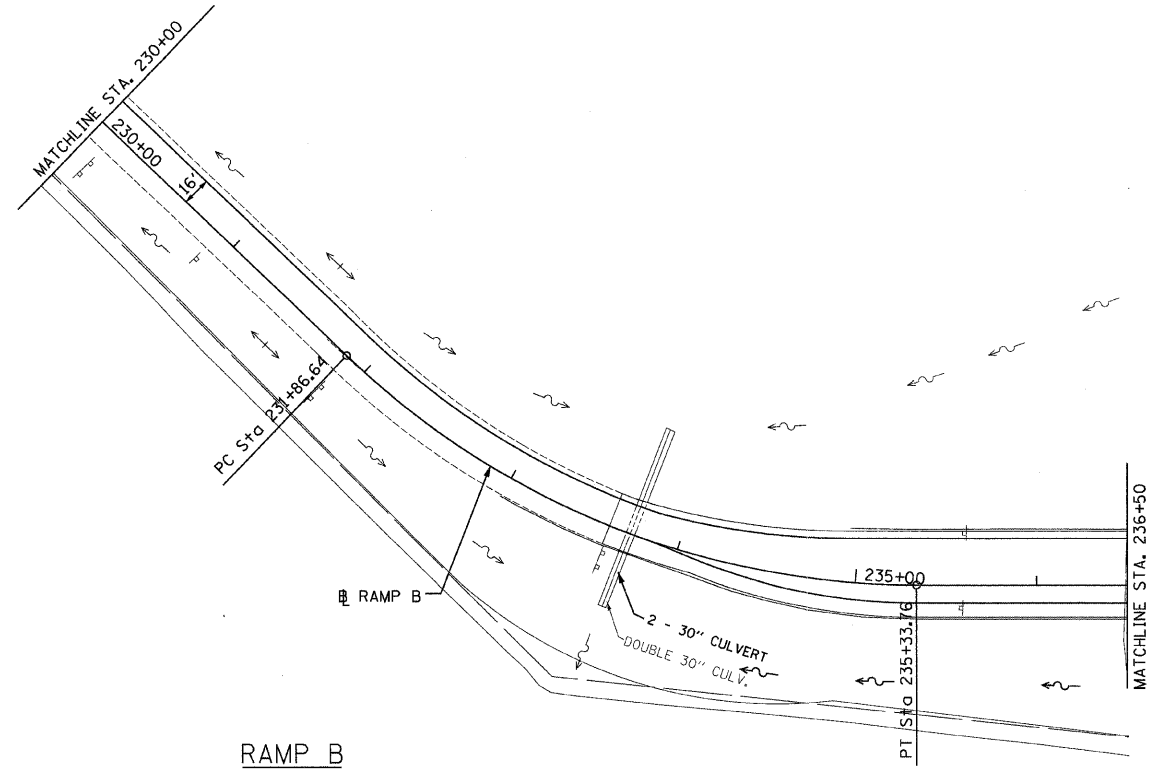
DRAINAGE AND UTILITIES: RAMP B - STA. 200+00 TO STA. 213+00

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57		WILL	303	71
STA. **		TO STA. **		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
*991821 R-389-118-1-BR-2		CONTRACT : 62253		
**RAMP A STA. 101+50 TO STA. 103+00				
RAMP B STA. 228+00 TO STA. 234+00				



PLAN	REVISIONS	DATE
NO. 1	BY	
NO. 2	BY	
NO. 3	BY	
NO. 4	BY	
NO. 5	BY	
NO. 6	BY	
NO. 7	BY	
NO. 8	BY	
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NO. 10	BY	

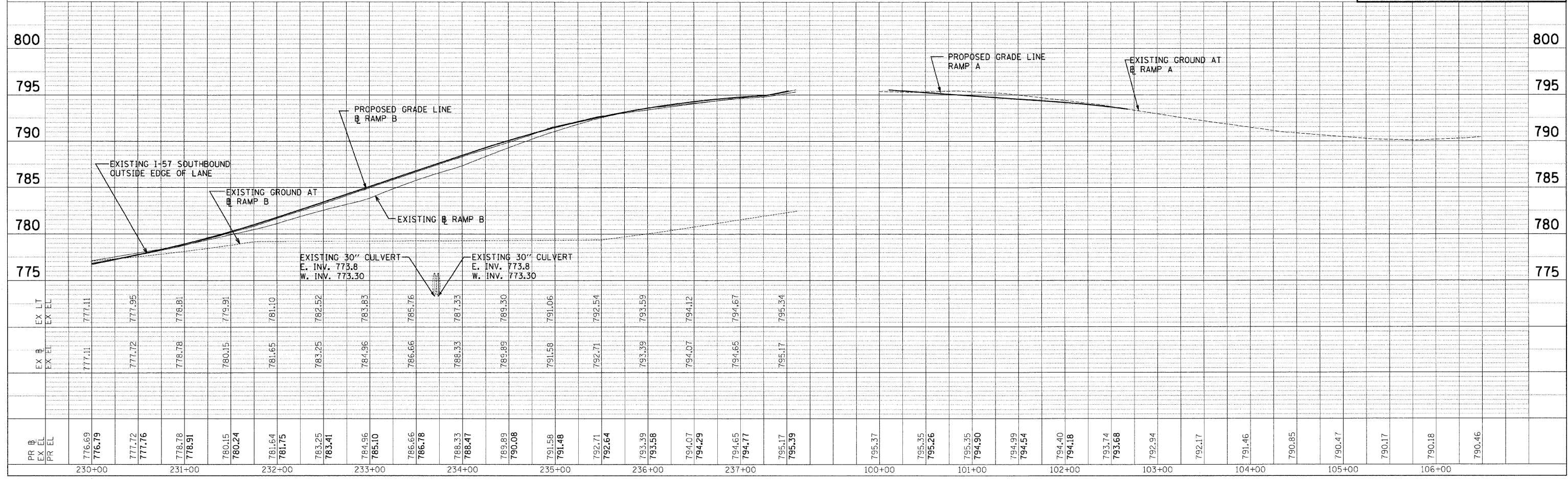


NOTE:
SEE GENERAL NOTES FOR SPECIAL AND HAZARDOUS WASTE REMOVAL

Clark Dietz
ENGINEERS

DESIGN FIRM REGISTRATION
No. 184-000450
118 SOUTH CLINTON STREET
SUITE 600
CHICAGO, IL 60661
PHONE : 312.648.9900
FAX : 312.648.0204

PROFILE	REVISIONS	DATE
NO. 1	BY	
NO. 2	BY	
NO. 3	BY	
NO. 4	BY	
NO. 5	BY	
NO. 6	BY	
NO. 7	BY	
NO. 8	BY	
NO. 9	BY	
NO. 10	BY	



DRAINAGE AND UTILITIES: RAMP A - STA. 101+50 TO STA. 103+00 AND RAMP B - STA. 228+00 TO STA. 234+00

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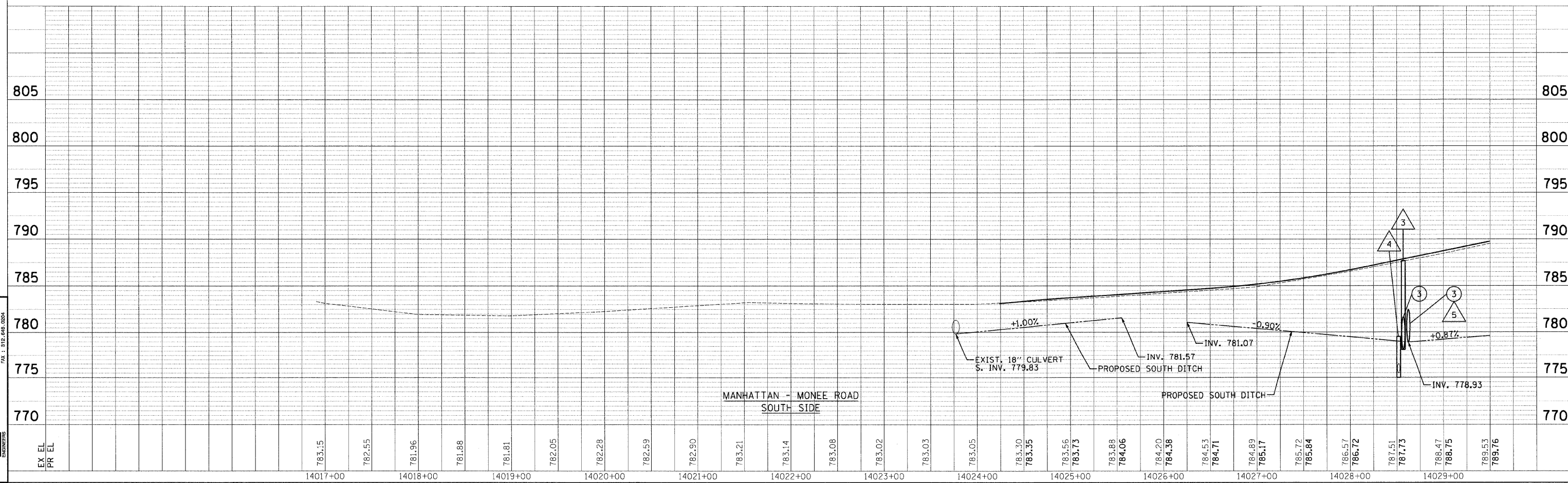
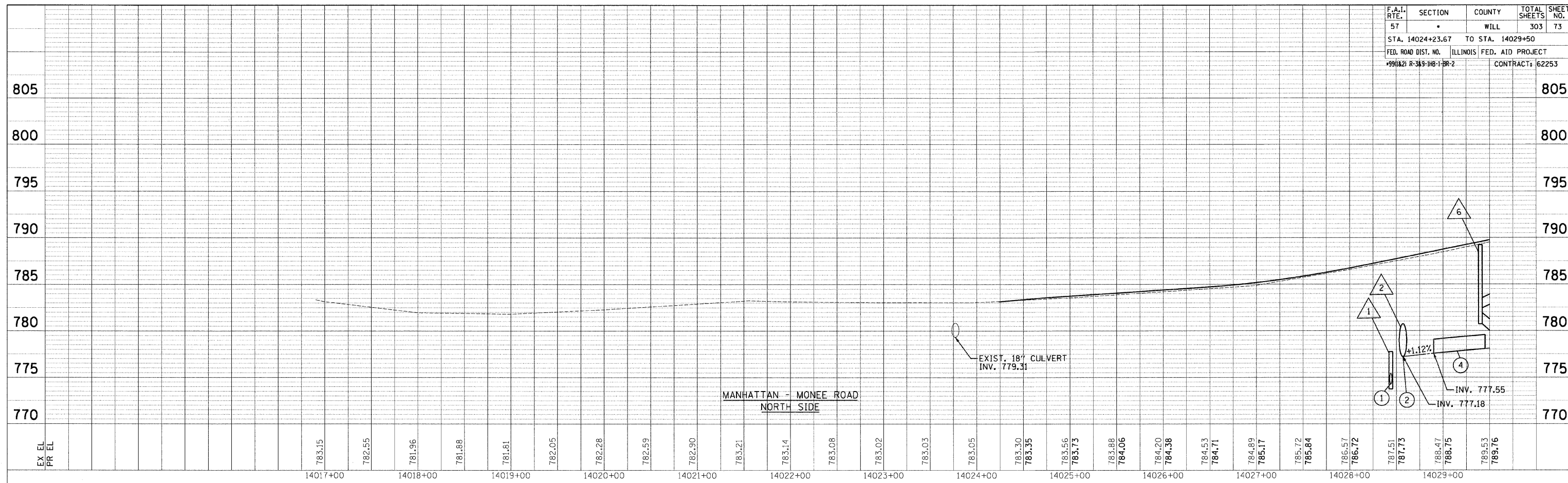
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8/17/2008

DESIGN FIRM REGISTRATION
No. 184-00450
118 SOUTH CLINTON STREET
CHICAGO, IL 60661
PHONE : 312.648.0800
FAX : 312.648.0800



PROFILE
DESIGNED
GRADES CHECKED
NOTE BOOK
NO. _____
STRUCTURE NOTATIONS CHECKED

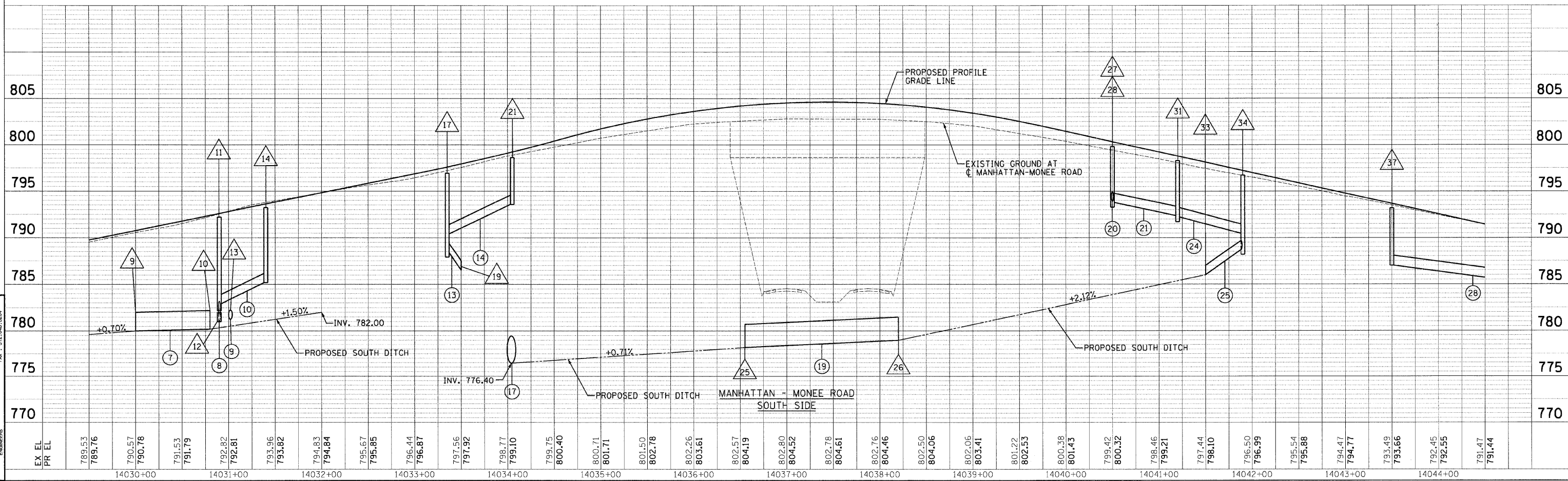
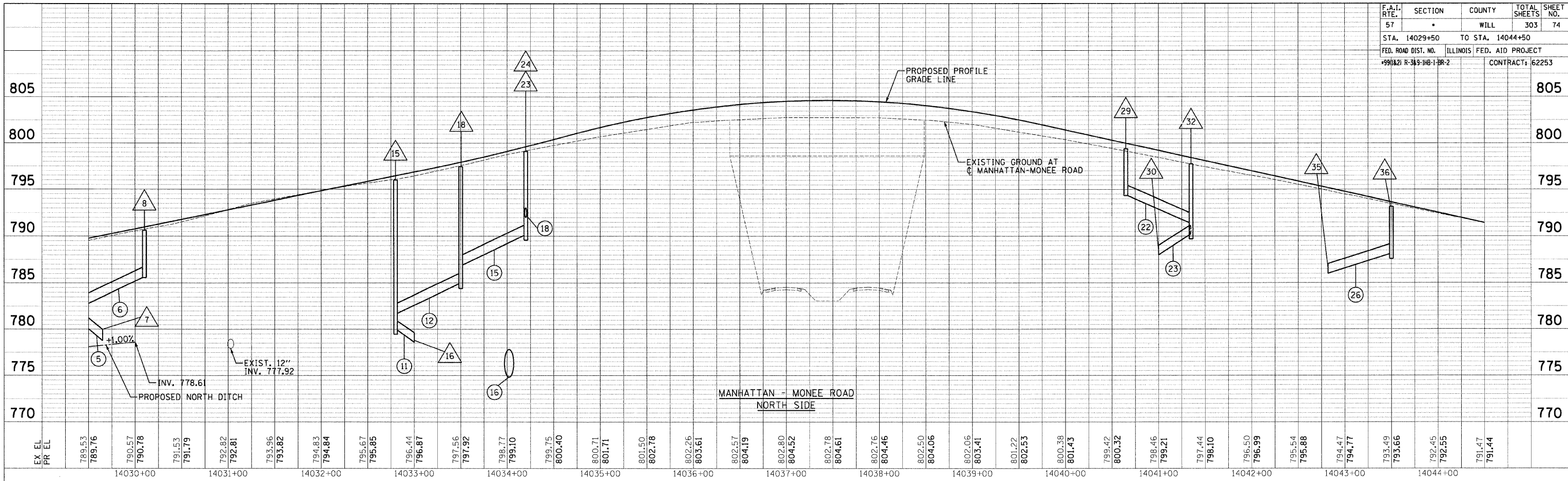
PLAN
REVISIONS
ALLOWMENT CHECKED
NO. _____
DATE _____
BY _____
DATE _____



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	WILL	303	73
STA. 14024+23.67 TO STA. 14029+50				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
990(12) R-343-1B-1-PR-2 CONTRACT: 62253				

DRAINAGE PROFILES: MANHATTAN - MONEE ROAD - STA. 14024+23.67 TO STA. 14029+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	74
STA. 14029+50		TO STA. 14044+50		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
990(A2) R-343-118-1-PR-2		CONTRACT# 62253		



DRAINAGE PROFILES: MANHATTAN - MONEE ROAD - STA. 14024+50 TO STA. 14044+50

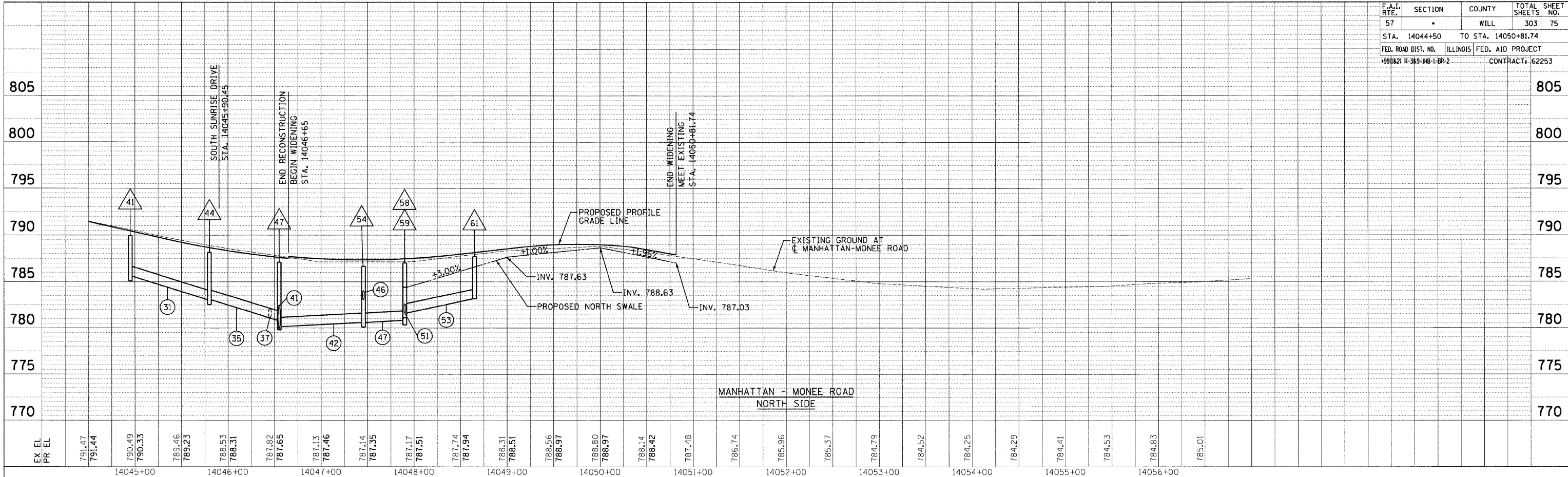
PLAN	REVISIONS	DATE
NO.	BY	
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PROFILE	REVISIONS	DATE
NO.	BY	
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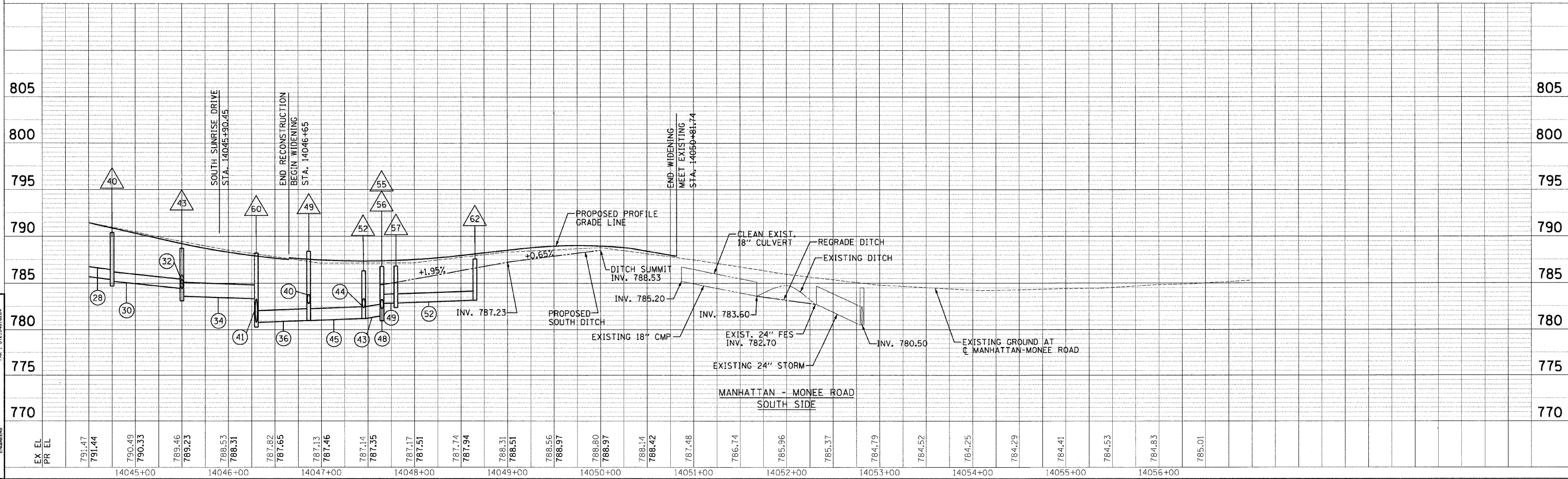
DESIGN FIRM REGISTRATION
 No. 184-000450
 118 SOUTH CLINTON STREET
 CHICAGO, IL 60661
 PHONE : 312.648.9800
 FAX : 312.648.0000

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	WILL	303	75
STA. 14044+50 TO STA. 14050+81.74				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
+991&21 R-3&S-1B-1-BR-2 CONTRACT: 62253				

PLAN	REVISIONS	BY	DATE
NO. 1	ALIGNED, CHECKED, PLOTTED		
NO. 2	NO. 1		
NO. 3	NO. 2		
NO. 4	NO. 3		
NO. 5	NO. 4		



PROFILE	REVISIONS	BY	DATE
NO. 1	GRADES CHECKED, PLOTTED		
NO. 2	NO. 1		
NO. 3	NO. 2		
NO. 4	NO. 3		
NO. 5	NO. 4		



DESIGN FIRM REGISTRATION
 No. 184-000480
 118 SOUTH CLINTON STREET
 CHICAGO, IL 60661
 PHONE : 312.648.8900
 FAX : 312.648.8900

DRAINAGE PROFILES: MANHATTAN - MONEE ROAD - STA. 14044+50 TO STA. 14050+81.74

DRAINAGE STRUCTURES SCHEDULE

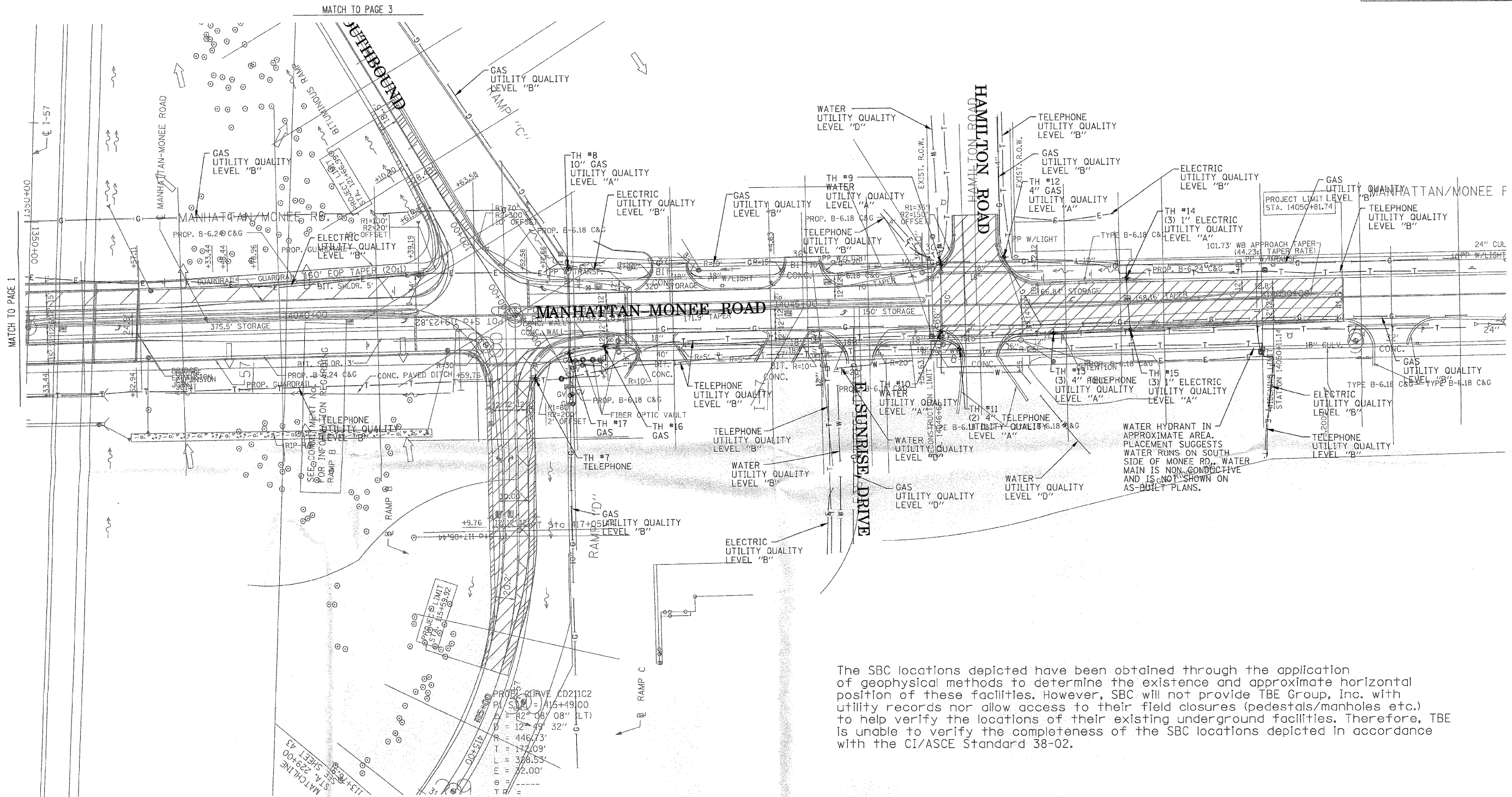
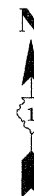
STR. NO.	STATION	OFFSET	FES	HEADWALL	INL	CB	MH	FST	DIA.	FRAME	TOP OF GRATE	INVERT			
												NORTH	SOUTH	EAST	WEST
1	14028+44.00	58.00' LT				**			3'	F&G-T8	777.60		774.27		
2	14028+57.00	48.34' LT		42"								777.18			
3	14028+57.00	26.32' RT					A		6'	FCL-T1	787.53	778.13	778.13		
4	14028+52.00	58.00' RT					A		4'	F&G-T8	781.33	775.48	776.09		775.62
4A	14028+91.50	62.00' LT	18"												777.55
4B	14029+40.50	62.00' LT	18"										778.06		
5	14028+62.35	64.00' RT		42"								778.93			
6	14029+40.00	30.63' LT			A				4'	F&G-T24	789.09	780.69	782.43		
7	14029+65.00	60.00' LT	12"									778.76			
8	14030+10.00	32.12' LT			A					F&G-T24	790.51				785.58
9	14030+00.00	65.00' RT	24"												780.00
10	14030+80.00	65.00' RT	24"										780.20		
11	14030+90.00	33.00' RT				A			4'	F&G-T24	792.13		782.18	782.93	
12	14030+90.00	59.00' RT	12"										781.00		
13	14031+02.00	63.00' RT	12"										781.36		
14	14031+40.00	33.00' RT								F&G-T24	793.14				785.18
15	14032+80.00	34.00' LT				A			4'	F&G-T24	795.96	779.96		781.75	
16	14033+15.00	99.00' LT	12"									778.60			
17	14033+35.00	43.53' RT				A			4'	F&G-T24	796.90		788.39	790.42	
18	14033+50.00	34.00' LT				A			4'	F&G-T24	797.42			786.92	784.90
19	14033+36.00	71.42' RT	12"										786.52		
20	14034+02.00	92.57' LT		36"								774.92			
21	14034+05.00	40.03' RT			A					F&G-T24	798.60				793.57
22	14034+04.00	92.21' RT		36"									776.44		
23	14034+20.00	34.00' LT				A			4'	F&G-T24	799.10		792.03		790.07
24	14034+20.00	3.00' RT				A				F&G-T23	799.72	793.69			
25	14036+55.00	93.40' RT		30"											778.20
26	14038+20.00	93.40' RT		30"										778.98	
27	14040+50.00	3.00' LT			A					F&G-T23	800.44		795.40		
28	14040+50.00	34.00' RT				A			4'	F&G-T24	799.82	793.92		793.78	
29	14040+65.00	40.09' LT				A				F&G-T24	799.37			794.33	
30	14041+00.00	82.57' LT	12"									786.79			
31	14041+20.00	34.00' RT				A			4'	F&G-T24	798.27			792.23	792.38
32	14041+35.00	43.59' LT				A			4'	F&G-T24	797.74	790.20			791.46
33	14041+50.00	70.00' RT	12"										786.00		
34	14041+90.00	34.00' RT				A			4'	F&G-T24	796.72		788.68		790.48
35	14042+82.00	50.00' LT	12"												786.00
36	14043+50.00	33.00' LT				A			4'	F&G-T23	793.18	788.10			788.10
37	14043+50.00	33.00' RT				A				F&G-T23	793.18			787.00	
40	14044+75.00	33.00' RT				A			4'	F&G-T23	790.41			785.20	785.40
41	14044+95.00	33.00' LT				A			4'	F&G-T23	789.96			785.60	
42	14045+50.00	33.00' RT				A				F&G-T23	788.74		784.47		
43	14045+50.00	38.00' RT				A			4'	F&G-T8	788.80	784.45	784.90	783.60	784.45
44	14045+80.00	34.29' LT				A			4'	F&G-T23	788.13			783.05	783.05
46	14046+45.00	40.00' LT				A			4'	F&G-T23	787.08		781.16		
47	14046+55.00	34.31' LT					A		5'	FCL-T1	787.09	779.80	780.00	780.15	780.80
48	14046+80.00	32.31' RT					A		4'	FOL-T1	786.93		782.84		
49	14046+86.25	42.00' RT					A		5'	FCL-T1	788.40	782.80		780.98	780.98
50	14047+45.35	30.71' RT					A		4'	FOL-T1	786.73		782.38		
51	14047+60.35	24.87' LT					A		4'	F&G-T23	786.86	783.12			
52	14047+45.35	42.00' RT					A		5'	FCL-T1	786.30	782.34		781.19	781.19
54	14047+45.48	34.08' LT					A		4'	F&G-T23	786.66		783.03	780.60	780.60
55	14047+65.00	30.21' RT					A		4'	F&G-T23	786.76		781.49	782.80	
56	14047+65.00	40.00' RT					A		4'	F&G-T8	784.63	781.45			781.45
57	14047+80.00	29.83' RT					A		4'	F&G-T23	786.82			782.80	782.85
58	14047+90.00	34.00' LT					A		4'	F&G-T8	784.39		781.37		780.83
59	14047+90.00	22.00' LT					A		4'	F&G-T23	787.01	781.61		783.30	
60	14046+30.00	39.00' RT					A		5'	FCL-T1	788.20	780.78		780.78	783.32
61	14048+65.00	21.54' LT					A		4'	F&G-T23	787.68				784.80
62	14048+65.00	27.68' RT					A		4'	F&G-T23	787.56				783.15
63	211+00.00	18.67' RT					A		4'	F&G-T8	783.10		779.84		
64	213+50.00	14.75' RT					A		4'	F&G-T8	782.70	778.82		778.82	
65	215+50.00	30.00' RT	24"										778.01		
66	14043+69.30	46.00' LT					A		4'	F&G-T8	790.72		788.19		

**FIELD TILE JUNCTION VAULTS, 3' DIA.

STORM SEWER SCHEDULE

PIPE NO.	UP STATION	DN STATION	MATERIAL	CLASS	TYPE	DIA.	FEET	TRENCH BACKFILL CU. YD.	SLOPE		
										1	14028+44.00
2	14028+57.00	37.00' LT	14028+57.00	49.00' LT	RCP	A	1	42"	12'	-	1.27%
3	14028+62.50	64.00' RT	14028+57.00	26.32' RT	RCP	A	2	42"	38'	1	2.10%
4	14029+50.00	62.00' LT	14028+91.50	62.00' LT	RCP	A	2	18"	49'	16	1.00%
5	14029+40.00	30.63' LT	14029+65.00	60.00' LT	RCP	A	2	12"	39'	5	4.95%
6	14030+10.00	32.12' LT	14029+40.00	30.63' LT	RCP	A	2	12"	70'	23	4.50%
7	14030+80.00	65.00' RT	14030+00.00	65.00' RT	RCP	A	2	24"	80'	44	0.50%
8	14030+90.00	33.00' RT	14030+90.00	59.00' RT	RCP	A	2	12"	26'	4	4.54%
9	14031+02.00	63.00' RT	14031+02.00	51.00' RT	RCP	A	1	12"	12'	-	2.77%
10	14031+40.00	33.00' RT	14030+90.00	33.00' RT	RCP	A	2	12"	50'	48	4.50%
11	14032+80.00	34.00' LT	14033+15.00	99.00' LT	RCP	A	2	12"	74'	7	1.37%
12	14033+50.00	34.00' LT	14032+80.00	34.00' LT	RCP	A	3	12"	70'	121	4.50%
13	14033+35.00	43.53' RT	14033+36.00	71.42' RT	RCP	A	2	12"	28'	1	6.68%
14	14034+05.00	40.03' RT	14033+35.00	43.53' RT	RCP	A	2	12"	70'	22	3.66%
15	14034+20.00	34.00' LT	14033+50.00	34.00' LT	RCP	A	2	12"	70'	15	4.50%
16	14034+00.00	80.00' LT	14034+02.00	92.57' LT	RCP	A	2	36"	12'	-	0.60%
17	14034+04.00	92.21' RT	14034+02.00	81.00' RT	RCP	A	2	36"	11'	-	0.60%
18	14034+20.00	3.00' RT	14034+20.00	34.00' LT	RCP	A	2	12"	37'	23	4.49%
19	14038+20.00	93.40' RT	14036+55.00	93.40' RT	RCP	A	1	30"	165'	-	0.50%
20	14040+50.00	3.00' LT	14040+50.00	34.00' RT	RCP	A	2	12"	37'	11	3.36%
21	14040+50.00	34.00' RT	14041+20.00	34.00' RT	RCP	A	2	12"	70'	24	2.00%
22	14040+65.00	40.09' LT	14041+35.00	43.59' LT	RCP	A	2	12"	70'	22	4.10%
23	14041+35.00	43.59' LT	14041+00.00	82.57' LT	RCP	A	1	12"	53'	1	6.43%
24	14041+20.00	34.00' RT	14041+90.00	34.00' RT	RCP	A	2	12"	70'	-	2.50%
25	14041+90.00	34.00' RT	14041+50.00	70.00' RT	RCP	A	2	12"	54'	-	4.96%
26	14043+50.00	33.00' LT	14042+82.00	50.00' LT	RCP	A	1	12"	70'	3	3.00%
28	14043+50.00	33.00' RT	14044+75.00	33.00' RT	RCP	A	1	12"	125'	22	1.28%
30	14044+75.00	33.00' RT	14045+50.00	38.00' RT	RCP	A	1	12"	75'	17	1.00%
31	14044+95.00	33.00' LT	14045+80.00	34.29' LT	RCP	A	1	12"	85'	18	3.00%
32	14045+50.00	33.00' RT	14045+50.00	38.00' RT	RCP	A	1	12"	5'	1	0.35%
34	14045+50.00	38.00' RT	14046+30.00	39.00' RT	RCP	A	2	18"	80'	11	0.35%
35	14045+80.00	34.29' LT	14046+55.00	31.00' LT	RCP	A	2	12"	75'	24	3.00%
36	14046+86.25	42.00' RT	14046+30.00	38.84' RT	DIP	A	2	15"	56'	-	0.35%
37	14046+45.00	40.00' LT	14046+45.00	34.30' LT	RCP	A	2	12"	6'	2	1.00%
40	14046+80.00	32.31' RT	14046+86.25	42.00' RT	DIP	A	2	12"	12'	3	0.35%
41	14046+30.00	39.00' RT	14046+55.00	34.31' LT	RCP	A	2	30"	78'	60	1.00%
42	14047+45.48	34.08' LT	14046+55.00	34.31' LT	DIP	A	2	18"	90'	70	0.50%
43											

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	99(1&2) R-3&3-1H&B-1BR-2	Willi	303	78
STA.	TO STA.			
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.



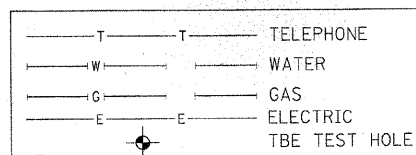
TBE GROUP, INC.
 CIVIL ENGINEERING * TRANSPORTATION * ENVIRONMENTAL
 * PLANNING * UTILITY ENGINEERING/LOCATING

IL09500254, 256


TBE SUE PAGE NO: 2 of 5

Checked by: *[Signature]*

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



Utilities shown in color 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. TBE's SUE field investigation was performed during the period 4-10-06 through 11-17-06. Changes to utilities after these dates 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.


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

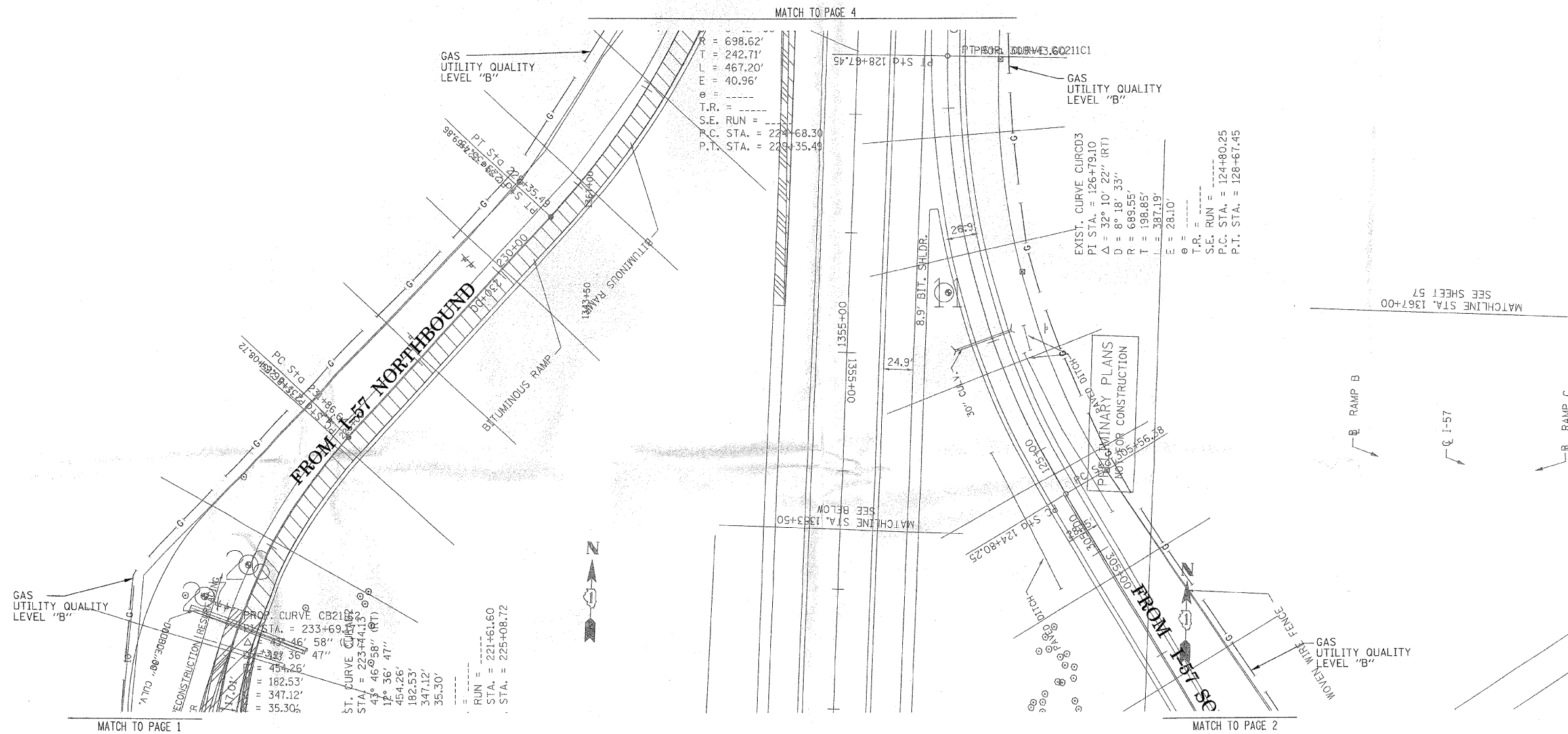
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUE Investigation of Underground Utilities
 I-57 at Manhattan Monee Road
 Section No. 99(1&2) R-3&3-1H&B-1BR-2
 Contract No. 62253
 Monee, IL -Willi County

DRAWN BY: KLC
 SCALE: 1" = 50'

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	991A2 R-3&9-1B-1B-2	Will	303	79
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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TBE GROUP, INC.

CIVIL ENGINEERING * TRANSPORTATION * ENVIRONMENTAL
* PLANNING * UTILITY ENGINEERING * LOCATING


IL09500254, 256
TBE SUE PAGE NO: 3 of 5

Checked by: *[Signature]*

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

— T — T —	TELEPHONE
— W — W —	WATER
— G — G —	GAS
— E — E —	ELECTRIC
⊙	TBE TEST HOLE

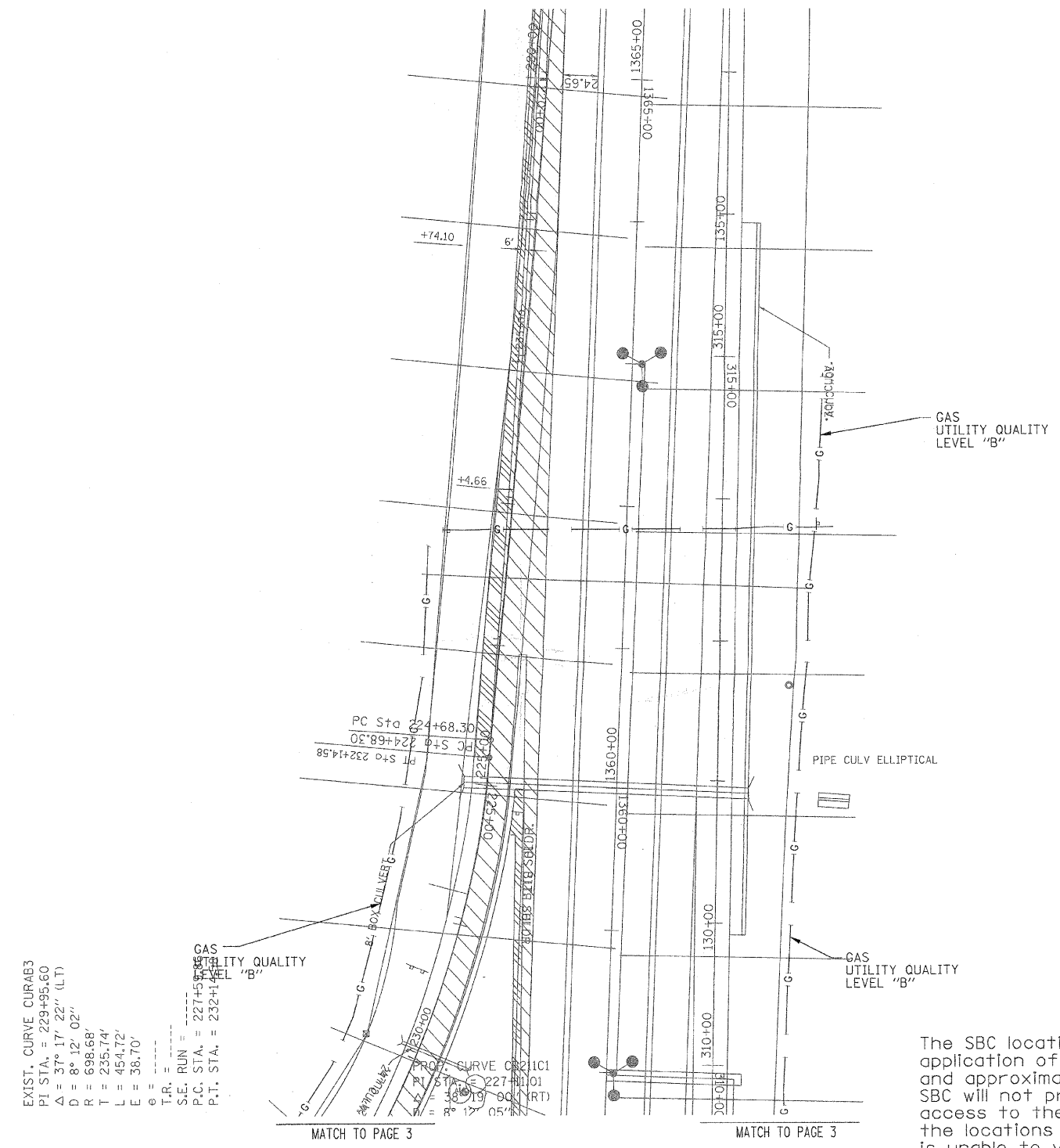
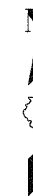
Utilities shown in color on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards. All other information shown has been provided to TBE Group, Inc by others. TBE's SUE field investigation was performed during the period 4-10-06 through 11-17-06. Changes to utilities after these dates 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.


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-57 at Manhattan Monee Road
Section No. 991A2 R-3&9-1B-1B-2
Contract No. 62253
Monee, IL -Will County
DRAWN BY : KLC
SCALE : 1" = 50'

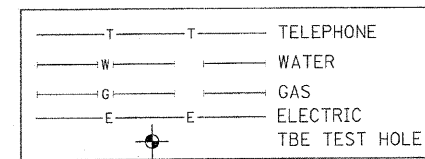
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	99(1&2) R-38.9-IHB-IBR-2	Will	303	80
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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TBE GROUP
 CIVIL ENGINEERING * TRANSPORTATION * ENVIRONMENTAL
 * PLANNING * UTILITY ENGINEERING * LOCATING

TBE GROUP, INC.
 IL09500254, 256
 TBE SUE PAGE NO: 4 of 5
 Checked by: *[Signature]*
 Utility Quality Level "A" : Test Holes
 Utility Quality Level "B" : Designating



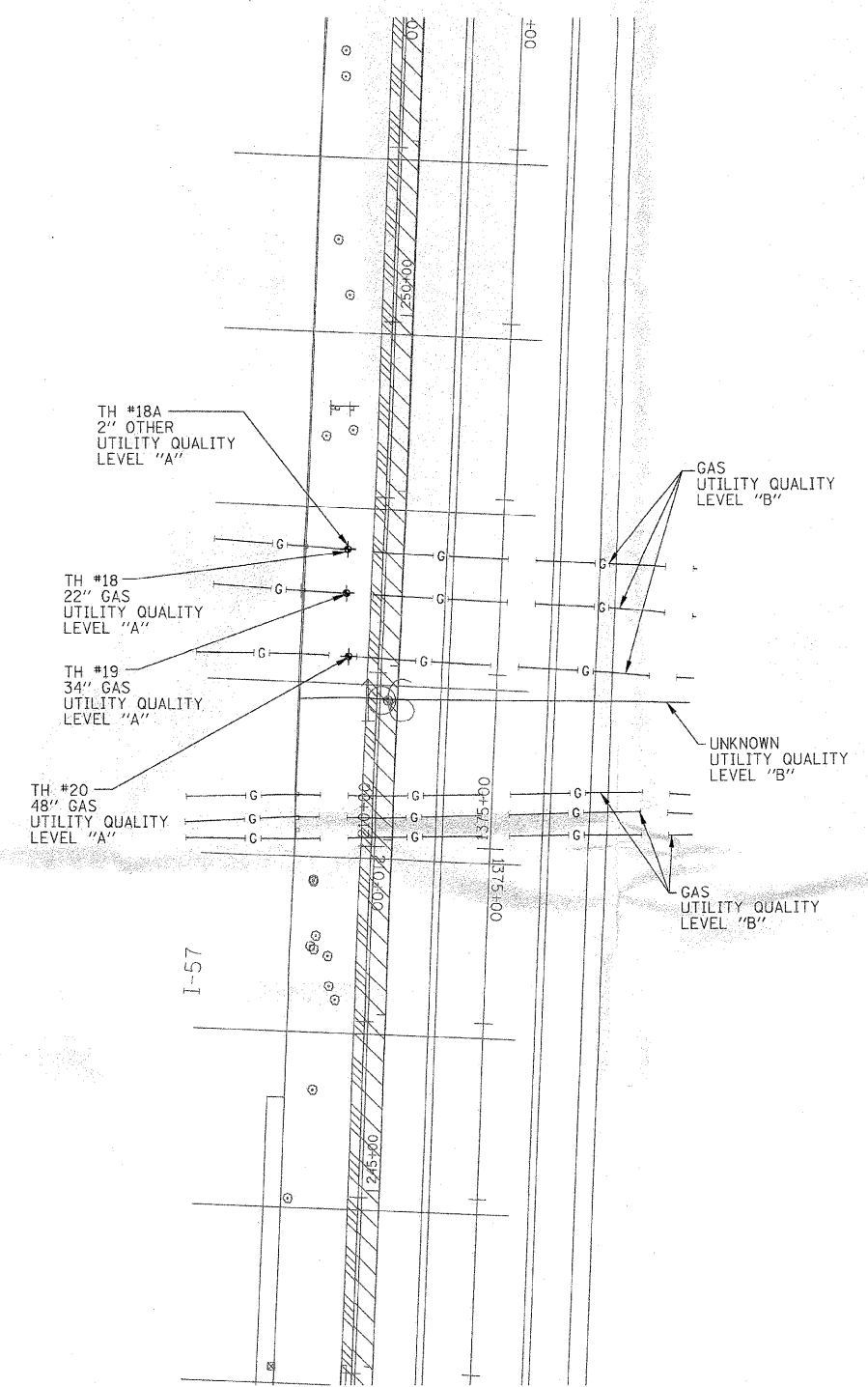
Utilities shown in color on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards. All other information shown has been provided to TBE Group, Inc by others. TBE's SUE field investigation was performed during the period 4-10-06 through 11-17-06. Changes to utilities after these dates 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.

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-57 at Manhattan Monee Road
 Section No. 99(1&2) R-38.9-IHB-IBR-2
 Contract No. 62253
 Monee, IL -Will County
 DRAWN BY : KLC
 SCALE : 1" = 50'

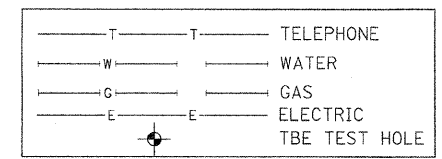
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
990&2 R-3&9-1HB-1BR-2		WILL	303	81
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		




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

IL09500254, 256
 TBE SUE PAGE NO: 5 of 5
 Checked by: *[Signature]*
 Utility Quality Level "A" : Test Holes
 Utility Quality Level "B" : Designating



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 CHICAGO, IL 60606
 (312) 704-1970

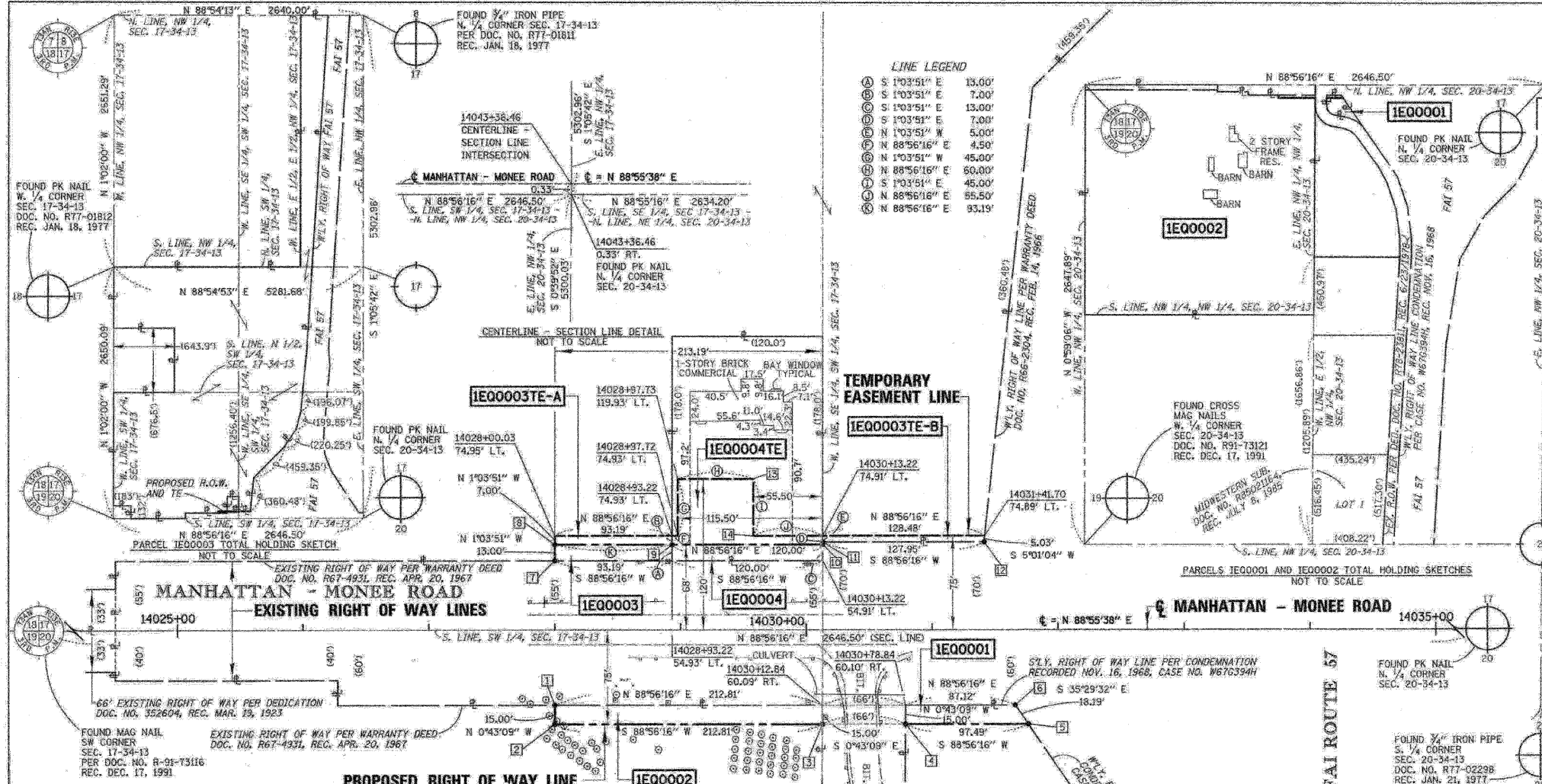
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUE Investigation of Underground Utilities
 I-57 at Manhattan Monree Road
 Section No. 99(1&2) R-3&9-1HB-1BR-2
 Contract No. 62253
 Monree, IL -Will County
 DRAWN BY : KLC
 SCALE : 1" = 50'

PART OF SECTION 17 AND SECTION 20, T34N, R13E, OF THE 3RD PM, WILL COUNTY, ILLINOIS

CONTRACT NO. 62253

F.A.I. SHEET	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	82
STA. 14028+00 TO STA. 14031+00				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
* 99(182) R-389-1HB-1-BR-2				



LEGEND

- EXISTING CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED TEMPORARY EASEMENT LINE
- PROPOSED PERMANENT EASEMENT LINE
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- ACCESS CONTROL LINE
- MEASURED OR COMPUTED DIMENSION
- RECORD DATA
- FOUND IRON PIPE OR IRON ROD
- SET 1/4 INCH IRON ROD
- PERMANENT SURVEY MONUMENT, I.O.O.T. STD. 2135
- (TO BE SET BY OTHERS)
- CUT CROSS FOUND OR SET
- SAME OWNERSHIP
- FENCE LINE
- SIGN

STAKES REFERENCE FOUND OR SET MONUMENTATION: SET 1/4 INCH IRON ROD FLUSH WITH GROUND, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION: BURIED 1/4 INCH IRON ROD 20 INCHES BELOW GROUND SURFACE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

STAKING OF PROPOSED RIGHT OF WAY: SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS: BURIED 1/4 INCH IRON ROD 20 INCHES BELOW GROUND SURFACE TO MARK FUTURE SURVEY MARKER POSITION, IDENTIFIED BY COLORED PLASTIC CAP AND SURVEYORS REGISTRATION NUMBER.

STAKING OF PROPOSED RIGHT OF WAY IN CLOSE PROXIMITY TO UNDERGROUND UTILITIES: SET DIVISION OF HIGHWAYS SURVEY MARKER ON 1/2 INCH IRON ROD (BETWEEN 6 INCHES AND 12 INCHES IN LENGTH) TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

STATE OF ILLINOIS }
COUNTY OF WILL }

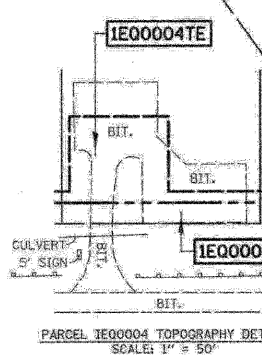
STATION / OFFSET AND FOUND MONUMENTATION LEGEND

11	14028+00.03	60.05' RT.	FOUND IRON ROD W/ ALUM. CAP	0.16' N. / 0.03' W.
12	14027+99.93	75.05' RT.	FOUND IRON ROD W/ ALUM. CAP	0.16' N. / 0.03' W.
13	14030+12.75	75.09' RT.	FOUND IRON ROD W/ ALUM. CAP	0.19' N. / 0.03' W.
14	14030+75.75	75.10' RT.	FOUND IRON ROD W/ ALUM. CAP	0.20' N. / 0.03' W.
15	14031+76.24	75.12' RT.	FOUND IRON ROD W/ ALUM. CAP	0.23' N. / 0.15' W.
16	14031+65.96	60.12' RT.	FOUND IRON ROD W/ ALUM. CAP	0.16' N. / 0.03' W.
17	14028+00.03	54.95' LT.	FOUND IRON ROD W/ ALUM. CAP	0.16' N. / 0.03' W.
18	14028+00.03	67.95' LT.	FOUND IRON ROD W/ ALUM. CAP	0.16' N. / 0.03' W.
19	14028+93.22	67.93' LT.	FOUND IRON ROD W/ ALUM. CAP	0.17' N. / 0.03' W.
20	14030+13.22	67.91' LT.	FOUND IRON ROD W/ ALUM. CAP	0.19' N. / 0.03' W.
21	14031+41.77	69.91' LT.	FOUND IRON ROD	0.19' N. / 0.03' W.
22	14029+51.73	119.92' LT.	FOUND IRON ROD	0.10' N. / 0.10' W.
23	14029+57.72	74.92' LT.	FOUND IRON ROD	0.10' N. / 0.10' W.

COORDINATE TABLE

STATION	OFFSET	R/T#	NORTH	EAST
14027+00.00	0.00' LT.	9025	1734271.2758	1140589.6517
14027+99.93	75.05' RT.	9018	1734198.1115	1140630.3730
14028+00.03	60.05' RT.	9002	1734213.1106	1140690.7647
14028+00.03	54.95' LT.	9004	1734328.0909	1140689.6347
14028+00.03	67.95' LT.	9016	1734341.0822	1140689.3926
14028+93.22	74.95' LT.	9015	1734348.0870	1140688.2626
14028+93.22	54.93' LT.	9005	1734329.8180	1140781.8081
14028+93.22	67.93' LT.	9013	1734342.8157	1140781.5666
14028+93.22	74.93' LT.	9014	1734349.8145	1140781.4366
14028+97.72	74.93' LT.	9029	1734349.8980	1140785.9358
14028+97.72	119.93' LT.	9028	1734394.8902	1140785.1000
14029+57.72	74.92' LT.	9030	1734351.0102	1140845.9255
14029+57.72	119.92' LT.	9031	1734396.0025	1140845.0897
14030+12.75	75.09' RT.	9019	1734202.0566	1140933.7509
14030+12.84	60.09' RT.	9003	1734217.0556	1140903.5620
14030+13.22	54.91' LT.	9006	1734332.0425	1140901.7974
14030+13.22	67.91' LT.	9022	1734345.0403	1140901.5460
14030+13.22	69.91' LT.	9007	1734347.0399	1140901.5088
14030+13.22	74.91' LT.	9008	1734352.0391	1140901.4160
14030+78.75	75.10' RT.	9020	1734203.2801	1140969.7400
14030+78.84	60.10' RT.	9000	1734218.2792	1140969.5518
14031+41.77	69.89' LT.	9009	1734349.4119	1141029.4331
14031+41.70	74.89' LT.	9010	1734354.4208	1141029.8729
14031+65.96	60.12' RT.	9001	1734219.8942	1141056.6562
14031+76.24	75.12' RT.	9021	1734205.0873	1141067.2149
14046+69.93	65.30' RT.	177	1734242.8719	1142560.4600
14046+70.00	55.30' RT.	175	1734252.8715	1142560.3439
14047+49.93	65.29' RT.	178	1734284.3781	1142640.4458
14047+50.00	55.29' RT.	176	1734284.3777	1142640.3297
14048+00.00	0.00' LT.	9023	1734310.5941	1142689.2800

PARCEL NO.	OWNER	PERMANENT INDEX NUMBER	TOTAL HOLDING	AREA TAKING	PREVIOUSLY DEDICATED	REMAINDER	EASEMENTS TEMP	EASEMENTS PERM	EASEMENT PURPOSE	PROPERTY ACQUIRED BY
1EQ0001	STANDARD BANK AND TRUST COMPANY, TRUSTEES, TRUST NO. 2907 TITLE REPORT NO. 11-2001WL-1957.0	PART OF 121-14-20-100-021	0.365 AC	0.032 AC		0.333 AC				
1EQ0002	QUANSTRON-ROSE, L.L.C. TITLE REPORT NO. 11-2001WL-1956.0	121-14-20-100-004	39.437 AC	0.073 AC		39.364 AC				
1EQ0003	QUANSTRON-ROSE, L.L.C. TITLE REPORT NO'S. 11-2001WL-1956.0 AND 11-2002WL-2147.0	121-14-17-300-009 121-14-17-300-007	115.532 AC	0.028 AC		115.504 AC				
1EQ0003TE-A			5,032,557 SF	1,211 SF		5,031,346 SF	0.015 AC	652 SF		
1EQ0003TE-B							0.015 AC	641 SF		
1EQ0004	ROYAL MEDICAL AND TECHNICAL CONSULTANTS, INC. TITLE REPORT NO. 11-2002-W-2000.0	121-14-17-300-013	0.490 AC	0.036 AC		0.454 AC				
1EQ0004TE			21,360 SF	1,560 SF		19,800 SF	0.081 AC	3,540 SF		



ASC
American Surveying Consultants
841 N. Galena Avenue / Dixon, IL 61021 / 815-288-6231
8604 W. Catalpa Avenue / Chicago, IL 60656 / 773-444-0800
Illinois Professional Design Firm No. 184-003192

REVISION DATE: 07/19/2007

ASC JOB NO. 2050532

THIS IS TO CERTIFY THAT I, COVENTINE FIDIS, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 17 AND SECTION 20, TOWNSHIP 34 NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN WILL COUNTY; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY; THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON; AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CHICAGO, ILLINOIS THIS 19TH DAY OF JULY, 2007.

[Signature]
COVENTINE FIDIS
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2159
LICENSE EXPIRATION DATE 11/30/2008

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

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAI ROUTE 57

RECEIVED
FEB 07 2008
PLATS & LEGALS

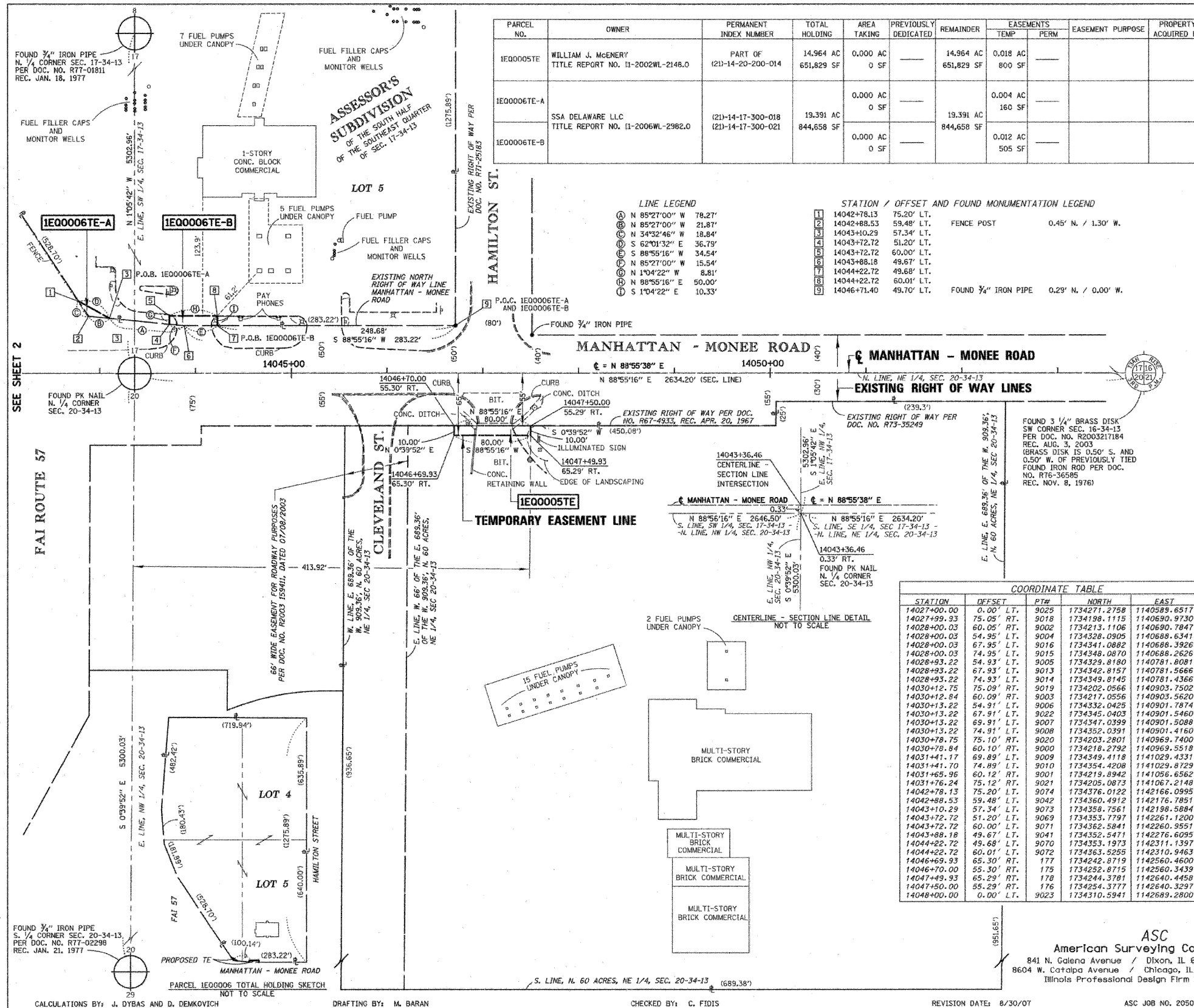
SECTION: AT MANHATTAN - MONEE ROAD
STATION 14028+00
SCALE 1" = 50'

WILL COUNTY
JOB NO. R-91-004-02
TO STATION 14031+76
SHEET 2

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

PART OF SECTION 17 AND SECTION 20, T34N, R13E, OF THE 3RD PM, WILL COUNTY, ILLINOIS

CONTRACT NO. 62253



PARCEL NO.	OWNER	PERMANENT INDEX NUMBER	TOTAL HOLDING	AREA TAKING	PREVIOUSLY DEDICATED	REMAINDER	EASEMENTS TEMP	EASEMENTS PERM	EASEMENT PURPOSE	PROPERTY ACQUIRED BY
1EQ0005TE	WILLIAM J. MCENERY TITLE REPORT NO. 11-2002WL-2146.0	PART OF (21)-14-20-200-014	14,964 AC 651,829 SF	0.000 AC 0 SF	---	14,964 AC 651,829 SF	0.018 AC 800 SF	---	---	---
1EQ0006TE-A	SSA DELAWARE LLC TITLE REPORT NO. 11-2006WL-2982.0	(21)-14-17-300-018 (21)-14-17-300-021	19,391 AC 844,658 SF	0.000 AC 0 SF	---	19,391 AC 844,658 SF	0.004 AC 160 SF	---	---	---
1EQ0006TE-B							0.012 AC 505 SF	---	---	---

F.A.I. SHEET NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	83
STA. 14046+69 TO STA. 14047+50				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
*99(1&2) R-3&9-1HB-1-BR-2				

LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- CENTER OF SECTION
- EXISTING CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED TEMPORARY EASEMENT LINE
- PROPOSED PERMANENT EASEMENT LINE
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- ACCESS CONTROL LINE
- MEASURED OR COMPUTED DIMENSION
- RECORD DATA
- FOUND IRON PIPE OR IRON ROD
- SET 3/4 INCH IRON ROD
- PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- CUT CROSS FOUND OR SET
- SAME OWNERSHIP
- FENCE LINE
- SIGN

- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 3/4 INCH IRON ROD FLUSH WITH GROUND. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 3/4 INCH IRON ROD 20 INCHES BELOW GROUND SURFACE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 3/4 INCH IRON ROD 20 INCHES BELOW GROUND SURFACE TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP AND SURVEYORS REGISTRATION NUMBER.
- U STAKING OF PROPOSED RIGHT OF WAY IN CLOSE PROXIMITY TO UNDERGROUND UTILITIES. SET DIVISION OF HIGHWAYS SURVEY MARKER ON 3/4 INCH IRON ROD (BETWEEN 6 INCHES AND 12 INCHES IN LENGTH) TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

COORDINATE TABLE

STATION	OFFSET	PT#	NORTH	EAST
14027+00.00	0.00' LT.	9025	1734271.2758	1140589.6517
14027+99.33	75.05' RT.	9018	1734198.1115	1140690.9730
14028+00.03	60.05' RT.	9002	1734213.1106	1140690.7847
14028+00.03	54.96' LT.	9004	1734328.0905	1140689.6341
14028+00.03	67.95' LT.	9016	1734341.0882	1140688.3926
14028+00.03	74.95' LT.	9015	1734348.0870	1140688.2626
14028+93.22	54.93' LT.	9005	1734329.8180	1140781.8081
14028+93.22	67.93' LT.	9013	1734342.8157	1140781.5666
14028+93.22	74.93' LT.	9014	1734349.8145	1140781.4366
14030+12.75	75.09' RT.	9019	1734202.0566	1140903.7502
14030+12.94	60.09' RT.	9003	1734217.0556	1140903.5620
14030+13.22	54.91' LT.	9006	1734332.0425	1140901.7874
14030+13.22	67.91' LT.	9022	1734345.0403	1140901.5460
14030+13.22	69.91' LT.	9007	1734347.0399	1140901.5088
14030+13.22	74.91' LT.	9008	1734352.0391	1140901.4160
14030+78.75	75.10' RT.	9020	1734203.2801	1140969.7400
14030+78.84	60.10' RT.	9000	1734218.2792	1140969.5519
14031+41.17	69.89' LT.	9009	1734349.4118	1141029.4331
14031+41.17	74.89' LT.	9010	1734354.4208	1141029.8729
14031+65.96	60.12' RT.	9001	1734219.8942	1141056.6562
14031+76.24	75.12' RT.	9021	1734205.0873	1141067.2148
14042+78.13	75.20' LT.	9074	1734376.0122	1142166.0995
14042+88.53	59.48' LT.	9042	1734360.4912	1142176.7951
14043+10.29	57.34' LT.	9073	1734358.7581	1142198.5884
14043+72.72	51.20' LT.	9069	1734353.7797	1142261.1200
14043+72.72	60.00' LT.	9071	1734362.5841	1142260.2551
14043+88.18	49.67' LT.	9041	1734352.5471	1142276.6095
14044+22.72	49.68' LT.	9070	1734353.1973	1142311.1397
14044+22.72	60.01' LT.	9072	1734363.5255	1142310.9463
14046+69.33	65.30' RT.	177	1734242.3719	1142560.4600
14046+70.00	55.30' RT.	175	1734252.8715	1142560.3439
14047+49.93	65.29' RT.	178	1734244.3701	1142640.4458
14047+50.00	55.29' RT.	176	1734254.3777	1142640.3297
14048+00.00	0.00' LT.	9023	1734310.5941	1142689.2800

STATE OF ILLINOIS)
) S.S.
 COUNTY OF WILL)

THIS IS TO CERTIFY THAT I, COVENTINE FIDIS, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 17 AND SECTION 20, TOWNSHIP 34 NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN WILL COUNTY; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY; THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CHICAGO, ILLINOIS THIS 30TH DAY OF AUGUST, 2007.

[Signature]

COVENTINE FIDIS
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2159
 LICENSE EXPIRATION DATE 11/30/2008

35-2159
 CHICAGO, ILL. PROFESSIONAL LAND SURVEYOR

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

**PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 57**

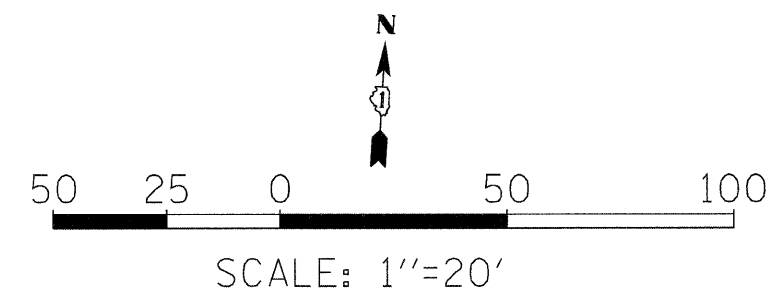
RECEIVED
 FEB 07 2008
 PLATS & LEGALS

SECTION: AT MANHATTAN - MONEE ROAD
 STATION 14046+69
 SCALE 1" = 50'

WILL COUNTY
 JOB NO. R-91-004-02
 TO STATION 14047+50
 SHEET 3

**BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAMBURG, ILLINOIS 60196**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57		WILL	303	84
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
*991A2D R-389-1B-1-BR-2		CONTRACT: 62253		



- LEGEND**
- LONGITUDINAL SAWED JOINT
 - +--+ TRANSVERSE CONTRACTION JOINT
 - TRANSVERSE CONSTRUCTION JOINT
 - LONGITUDINAL CONSTRUCTION JOINT
 - CATCH BASIN
 - INLET
 - ▬ GUARDRAIL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-57 AT MANHATTAN - MONEE ROAD
 INTERSECTION JOINTING PLAN
 RAMP A AND RAMP B

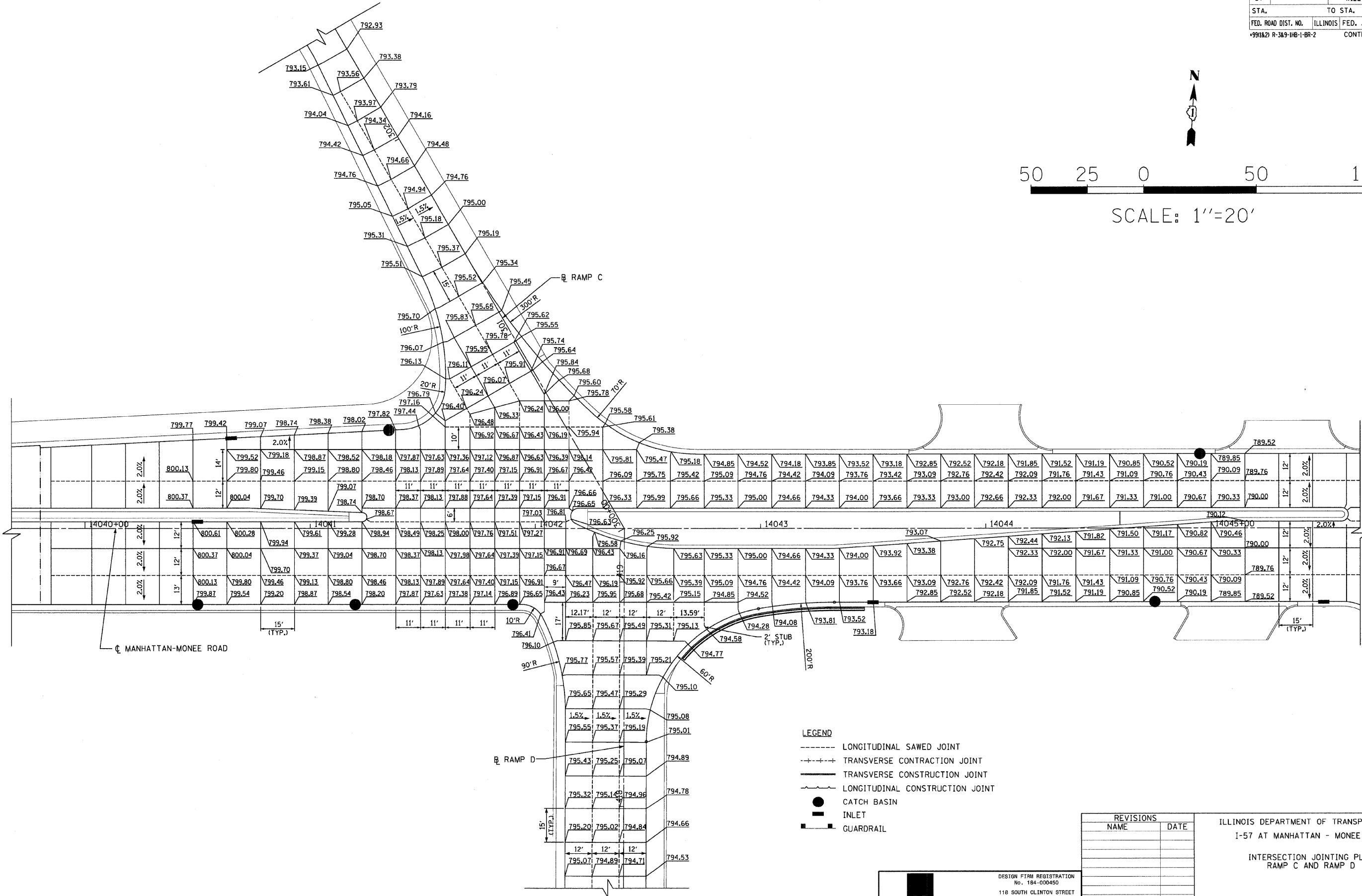
DESIGN FIRM REGISTRATION
 No. 184-00450
 118 SOUTH CLINTON STREET
 SUITE 600
 CHICAGO, IL 60661
 PHONE : 312.648.9900
 FAX : 312.648.0204

SCALE: VERT. NTS
 HORIZ. 1"=20'
 DATE 9/19/2008
 DRAWN BY KLM, MJK
 CHECKED BY BDC

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	85
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
4991827 R-389-11B-1-BR-2		CONTRACT: 62253		



SCALE: 1"=20'



- LEGEND**
- LONGITUDINAL SAWED JOINT
 - +--+ TRANSVERSE CONTRACTION JOINT
 - TRANSVERSE CONSTRUCTION JOINT
 - LONGITUDINAL CONSTRUCTION JOINT
 - CATCH BASIN
 - INLET
 - ▬ GUARDRAIL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-57 AT MANHATTAN - MONEE ROAD
 INTERSECTION JOINTING PLAN
 RAMP C AND RAMP D

SCALE: VERT. NTS
 HORIZ. 1"=20'
 DATE 9/19/2008

DRAWN BY KLM, MJK
 CHECKED BY BDC

Clark Dietz
 ENGINEERS

DESIGN FIRM REGISTRATION
 No. 184-000450
 110 SOUTH CLINTON STREET
 SUITE 800
 CHICAGO, IL 60661
 PHONE : 312.648.9900
 FAX : 312.648.0294

p:\02231\plans\sheet\02231\01\2301.dgn
 8/17/2008

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57		WILL	303	86
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
+991827 R-389-11B-1-BR-2		CONTRACT: 62253		

PAVEMENT MARKING LEGEND

MATERIAL

P POLYUREA PAVEMENT MARKING-LINE
T THERMOPLASTIC PAVEMENT MARKING-LINE
B PREFORMED PLASTIC PAVEMENT MARKING-LINE TYPE B

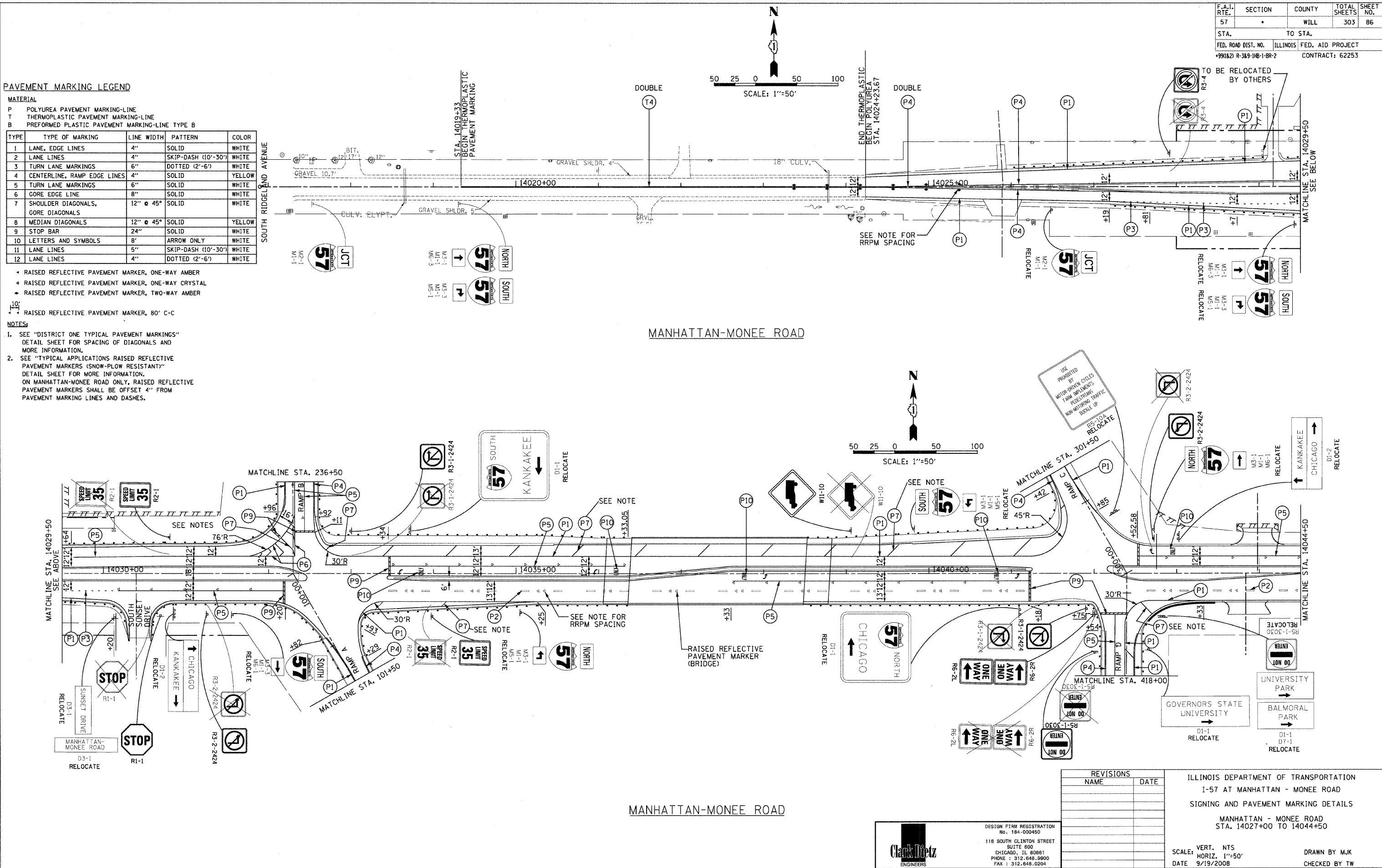
TYPE	TYPE OF MARKING	LINE WIDTH	PATTERN	COLOR
1	LANE, EDGE LINES	4"	SOLID	WHITE
2	LANE LINES	4"	SKIP-DASH (10'-30')	WHITE
3	TURN LANE MARKINGS	6"	DOTTED (2'-6')	WHITE
4	CENTERLINE, RAMP EDGE LINES	4"	SOLID	YELLOW
5	TURN LANE MARKINGS	6"	SOLID	WHITE
6	GORE EDGE LINE	8"	SOLID	WHITE
7	SHOULDER DIAGONALS, GORE DIAGONALS	12" @ 45°	SOLID	WHITE
8	MEDIAN DIAGONALS	12" @ 45°	SOLID	YELLOW
9	STOP BAR	24"	SOLID	WHITE
10	LETTERS AND SYMBOLS	8"	ARROW ONLY	WHITE
11	LANE LINES	5"	SKIP-DASH (10'-30')	WHITE
12	LANE LINES	4"	DOTTED (2'-6')	WHITE

- RAISED REFLECTIVE PAVEMENT MARKER, ONE-WAY AMBER
- RAISED REFLECTIVE PAVEMENT MARKER, ONE-WAY CRYSTAL
- RAISED REFLECTIVE PAVEMENT MARKER, TWO-WAY AMBER

RAISED REFLECTIVE PAVEMENT MARKER, 80' C-C

NOTES:

- SEE "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" DETAIL SHEET FOR SPACING OF DIAGONALS AND MORE INFORMATION.
- SEE "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" DETAIL SHEET FOR MORE INFORMATION. ON MANHATTAN-MONEE ROAD ONLY, RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE OFFSET 4" FROM PAVEMENT MARKING LINES AND DASHES.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-57 AT MANHATTAN - MONEE ROAD
SIGNING AND PAVEMENT MARKING DETAILS
MANHATTAN - MONEE ROAD
STA. 14027+00 TO 14044+50

SCALE: VERT. NTS
HORIZ. 1"=50'
DATE 9/19/2008

DRAWN BY MJK
CHECKED BY TW

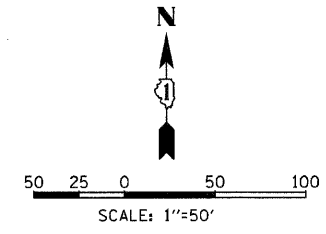
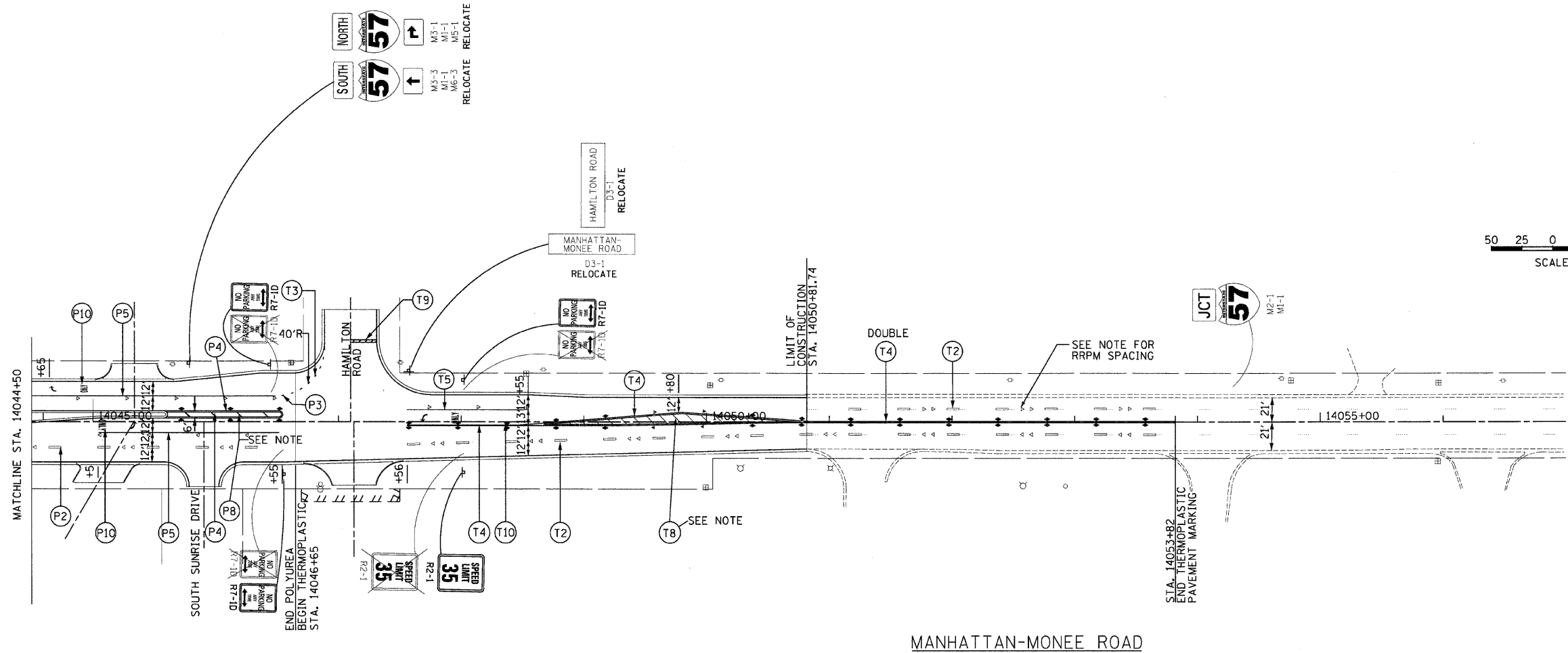
Clark Dietz
ENGINEERS

DESIGN FIRM REGISTRATION
No. 184-000450

118 SOUTH CLINTON STREET
SUITE 600
CHICAGO, IL 60661
PHONE : 312.648.9900
FAX : 312.648.0204

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8/17/2008

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57		WILL	303	87
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
9901&2	R-3&9-IHB-1-BR-2	CONTRACT: 62253		



PAVEMENT MARKING LEGEND

MATERIAL

P POLYUREA PAVEMENT MARKING-LINE
T THERMOPLASTIC PAVEMENT MARKING-LINE
B PREFORMED PLASTIC PAVEMENT MARKING-LINE TYPE B

TYPE	TYPE OF MARKING	LINE WIDTH	PATTERN	COLOR
1	LANE, EDGE LINES	4"	SOLID	WHITE
2	LANE LINES	4"	SKIP-DASH (10'-30')	WHITE
3	TURN LANE MARKINGS	6"	DOTTED (2'-6')	WHITE
4	CENTERLINE, RAMP EDGE LINES	4"	SOLID	YELLOW
5	TURN LANE MARKINGS	6"	SOLID	WHITE
6	GORE EDGE LINE	8"	SOLID	WHITE
7	SHOULDER DIAGONALS, GORE DIAGONALS	12" @ 45°	SOLID	WHITE
8	MEDIAN DIAGONALS	12" @ 45°	SOLID	YELLOW
9	STOP BAR	24"	SOLID	WHITE
10	LETTERS AND SYMBOLS	8"	ARROW ONLY	WHITE
11	LANE LINES	5"	SKIP-DASH (10'-30')	WHITE
12	LANE LINES	4"	DOTTED (2'-6')	WHITE

- ◀ RAISED REFLECTIVE PAVEMENT MARKER, ONE-WAY AMBER
- ◀ RAISED REFLECTIVE PAVEMENT MARKER, ONE-WAY CRYSTAL
- RAISED REFLECTIVE PAVEMENT MARKER, TWO-WAY AMBER
- ⬇ RAISED REFLECTIVE PAVEMENT MARKER, 80' C-C

- NOTES:**
- SEE "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" DETAIL SHEET FOR SPACING OF DIAGONALS AND MORE INFORMATION.
 - SEE "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" DETAIL SHEET FOR MORE INFORMATION. ON MANHATTAN-MONEE ROAD ONLY, RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE OFFSET 4" FROM PAVEMENT MARKING LINES AND DASHES.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-57 AT MANHATTAN - MONEE ROAD
SIGNING AND PAVEMENT MARKING DETAILS
MANHATTAN - MONEE ROAD
STA. 14044+50 TO 14056+00

SCALE: VERT. NTS
HORIZ. 1"=50'
DATE 9/19/2008

DRAWN BY MJK
CHECKED BY TW

Clark Dietz
ENGINEERS

DESIGN FIRM REGISTRATION
No. 184-000450
118 SOUTH CLINTON STREET
SUITE 600
CHICAGO, IL 60661
PHONE : 312.648.9900
FAX : 312.648.0204

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57		WILL	303	88
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
*9911&2 R-389-118-1-BR-2		CONTRACT: 62253		

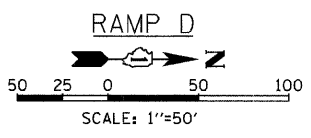
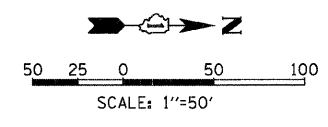
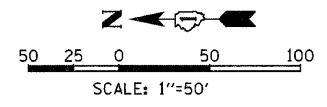
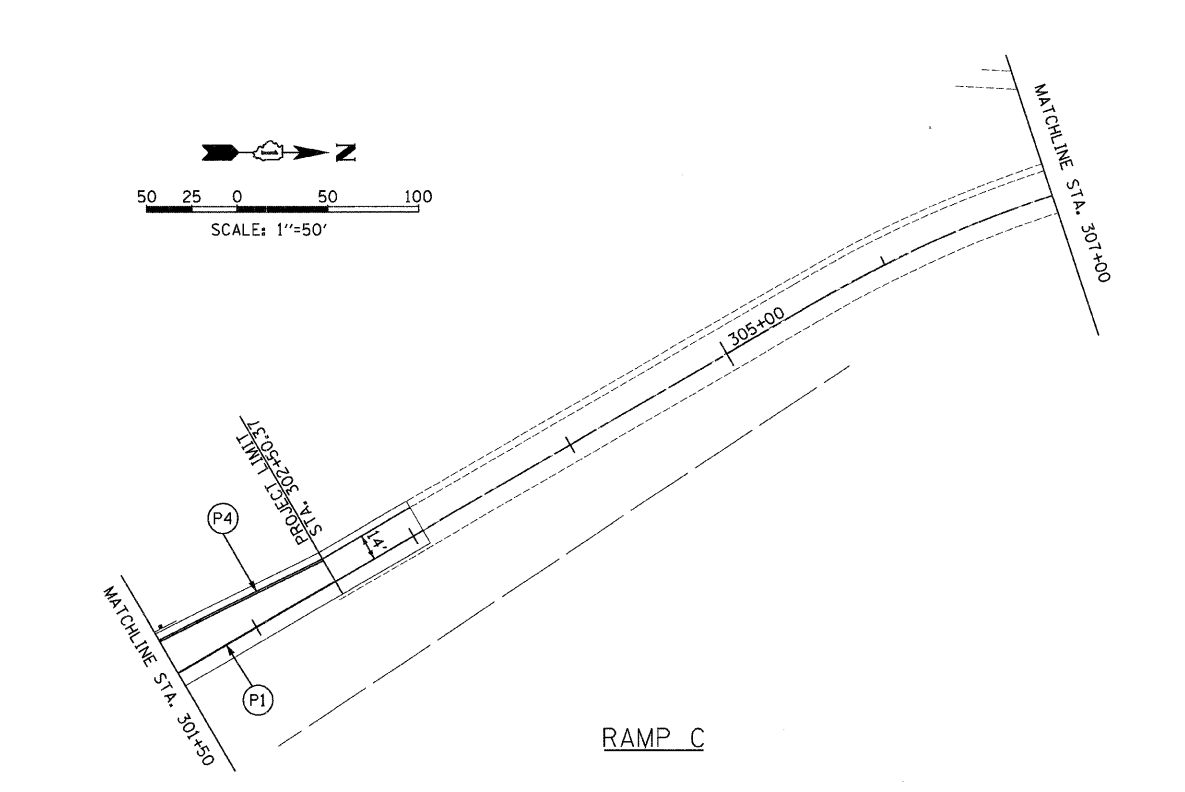
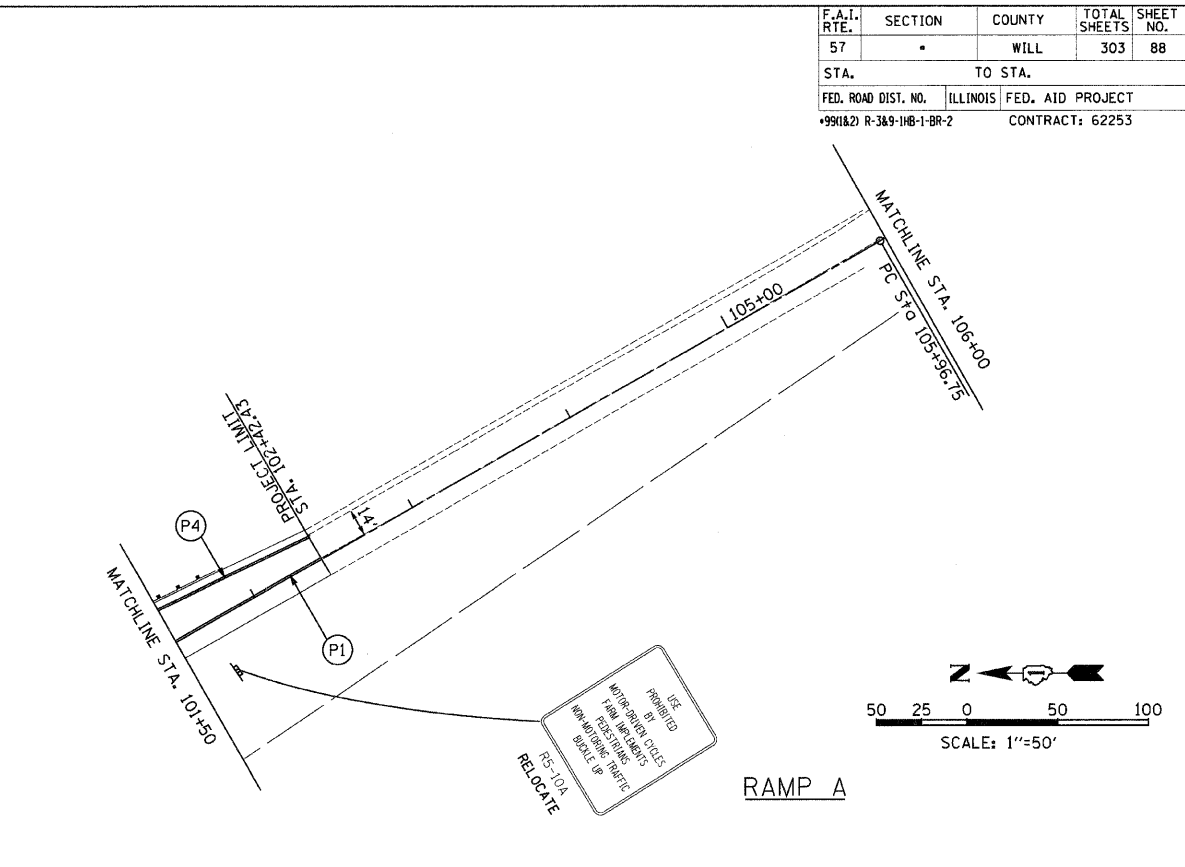
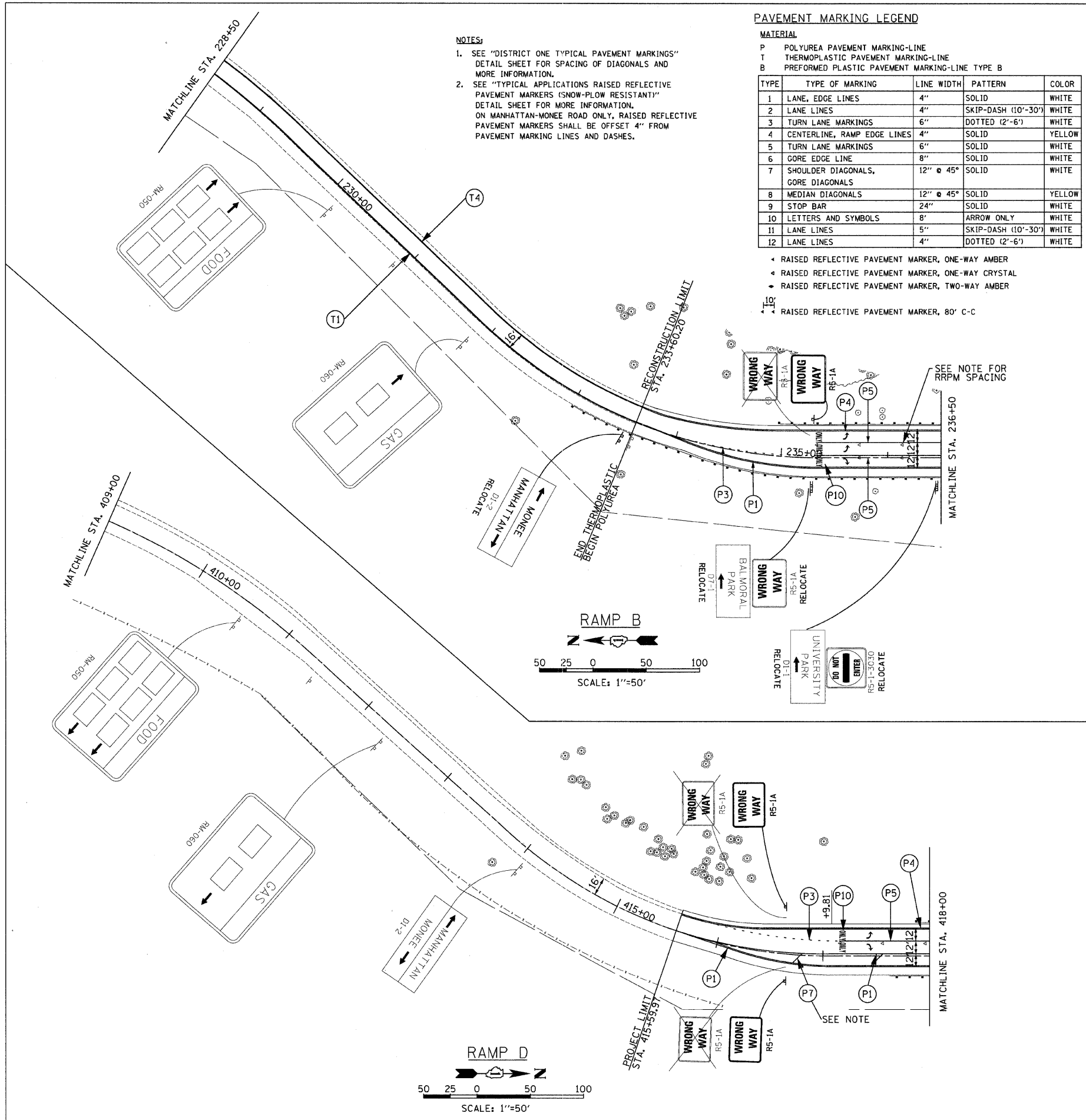
PAVEMENT MARKING LEGEND

MATERIAL				
P	POLYUREA PAVEMENT MARKING-LINE			
T	THERMOPLASTIC PAVEMENT MARKING-LINE			
B	PREFORMED PLASTIC PAVEMENT MARKING-LINE TYPE B			
TYPE	TYPE OF MARKING	LINE WIDTH	PATTERN	COLOR
1	LANE, EDGE LINES	4"	SOLID	WHITE
2	LANE LINES	4"	SKIP-DASH (10'-30')	WHITE
3	TURN LANE MARKINGS	6"	DOTTED (2'-6')	WHITE
4	CENTERLINE, RAMP EDGE LINES	4"	SOLID	YELLOW
5	TURN LANE MARKINGS	6"	SOLID	WHITE
6	GORE EDGE LINE	8"	SOLID	WHITE
7	SHOULDER DIAGONALS, GORE DIAGONALS	12" @ 45°	SOLID	WHITE
8	MEDIAN DIAGONALS	12" @ 45°	SOLID	YELLOW
9	STOP BAR	24"	SOLID	WHITE
10	LETTERS AND SYMBOLS	8"	ARROW ONLY	WHITE
11	LANE LINES	5"	SKIP-DASH (10'-30')	WHITE
12	LANE LINES	4"	DOTTED (2'-6')	WHITE

- RAISED REFLECTIVE PAVEMENT MARKER, ONE-WAY AMBER
- RAISED REFLECTIVE PAVEMENT MARKER, ONE-WAY CRYSTAL
- RAISED REFLECTIVE PAVEMENT MARKER, TWO-WAY AMBER
- RAISED REFLECTIVE PAVEMENT MARKER, 80' C-C

NOTES:

- SEE "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" DETAIL SHEET FOR SPACING OF DIAGONALS AND MORE INFORMATION.
- SEE "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" DETAIL SHEET FOR MORE INFORMATION. ON MANHATTAN-MONEE ROAD ONLY, RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE OFFSET 4" FROM PAVEMENT MARKING LINES AND DASHES.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-57 AT MANHATTAN - MONEE ROAD
 SIGNING AND PAVEMENT MARKING DETAILS
 RAMPS A, B, C, AND D

SCALE: VERT. NTS
 HORIZ. 1"=50'
 DATE 9/19/2008

DRAWN BY MJK
 CHECKED BY TW

Clark Dietz
 ENGINEERS

DESIGN FIRM REGISTRATION
 No. 184-000450
 118 SOUTH CLINTON STREET
 SUITE 800
 CHICAGO, IL 60661
 PHONE : 312.648.3900
 FAX : 312.648.0204

PAVEMENT MARKING LEGEND

MATERIAL

P POLYUREA PAVEMENT MARKING-LINE
 T THERMOPLASTIC PAVEMENT MARKING-LINE
 B PERFORMED PLASTIC PAVEMENT MARKING-LINE TYPE B

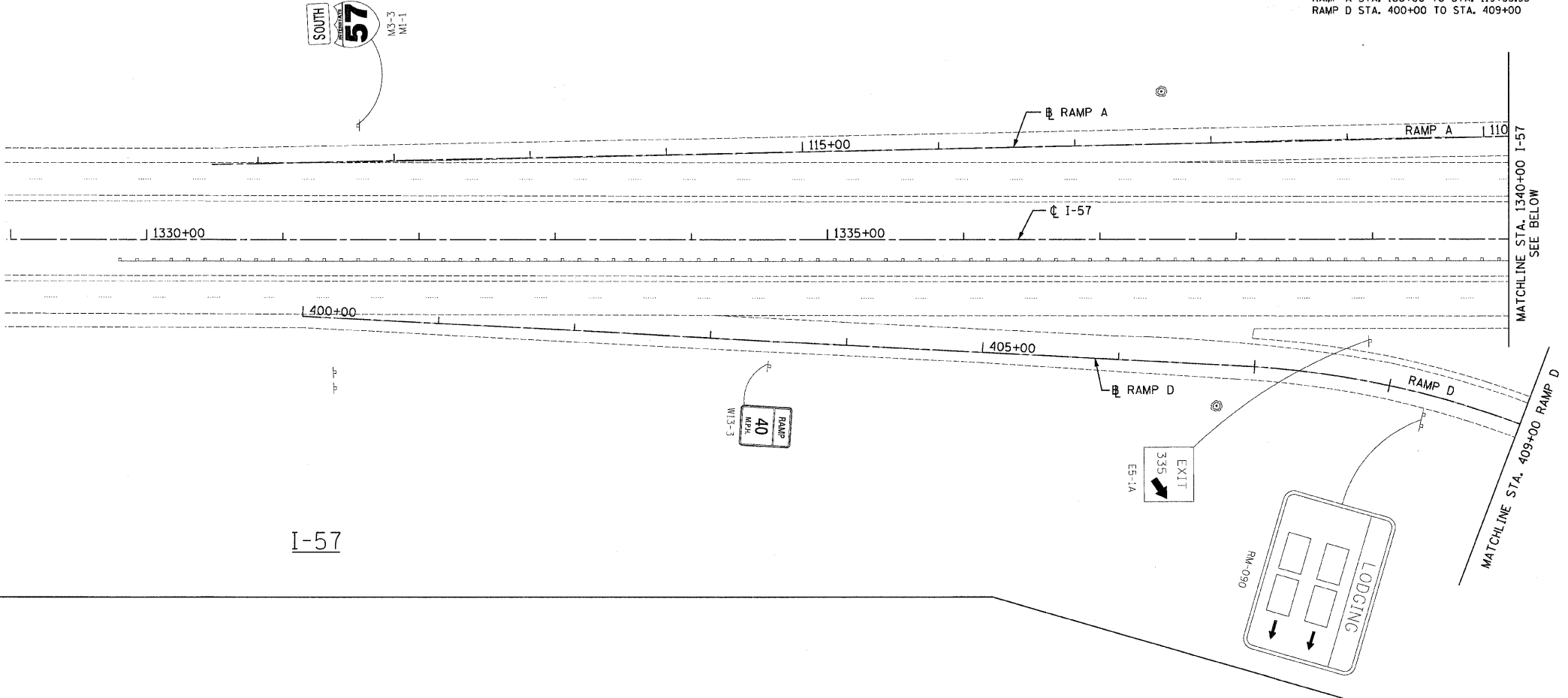
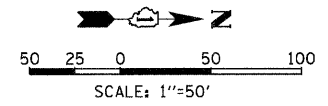
TYPE	TYPE OF MARKING	LINE WIDTH	PATTERN	COLOR
1	LANE, EDGE LINES	4"	SOLID	WHITE
2	LANE LINES	4"	SKIP-DASH (10'-30')	WHITE
3	TURN LANE MARKINGS	6"	DOTTED (2'-6")	WHITE
4	CENTERLINE, RAMP EDGE LINES	4"	SOLID	YELLOW
5	TURN LANE MARKINGS	6"	SOLID	WHITE
6	GORE EDGE LINE	8"	SOLID	WHITE
7	SHOULDER DIAGONALS, GORE DIAGONALS	12" @ 45°	SOLID	WHITE
8	MEDIAN DIAGONALS	12" @ 45°	SOLID	YELLOW
9	STOP BAR	24"	SOLID	WHITE
10	LETTERS AND SYMBOLS	8"	ARROW ONLY	WHITE
11	LANE LINES	5"	SKIP-DASH (10'-30')	WHITE
12	LANE LINES	4"	DOTTED (2'-6")	WHITE

- ◀ RAISED REFLECTIVE PAVEMENT MARKER, ONE-WAY AMBER
- ◀ RAISED REFLECTIVE PAVEMENT MARKER, ONE-WAY CRYSTAL
- ◀ RAISED REFLECTIVE PAVEMENT MARKER, TWO-WAY AMBER
- ◀ RAISED REFLECTIVE PAVEMENT MARKER, 80' C-C

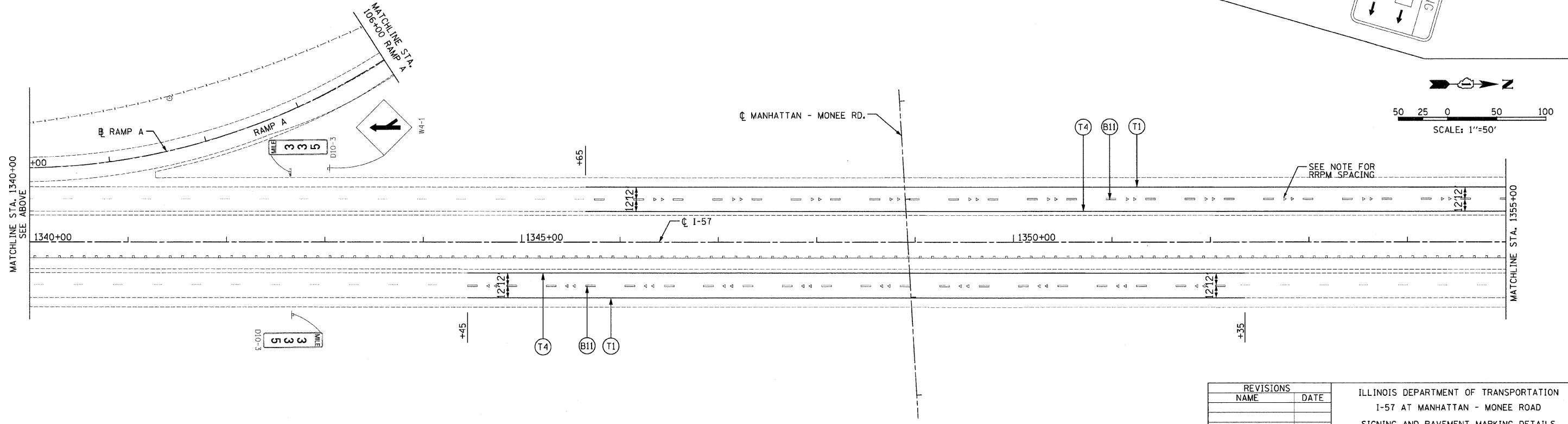
NOTES:

1. SEE "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" DETAIL SHEET FOR SPACING OF DIAGONALS AND MORE INFORMATION.
2. SEE "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" DETAIL SHEET FOR MORE INFORMATION. ON MANHATTAN-MONEE ROAD ONLY, RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE OFFSET 4" FROM PAVEMENT MARKING LINES AND DASHES.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57		WILL	303	89
STA. ..	TO STA. ..			
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
+991(82) R-389-108-1-BR-2		CONTRACT: 62253		
**I-57 STA. 1330+00 TO STA. 1355+00				
RAMP A STA. 106+00 TO STA. 119+33.95				
RAMP D STA. 400+00 TO STA. 409+00				



I-57



I-57

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-57 AT MANHATTAN - MONEE ROAD
 SIGNING AND PAVEMENT MARKING DETAILS
 I-57
 STA. 1329+00 TO 1355+00

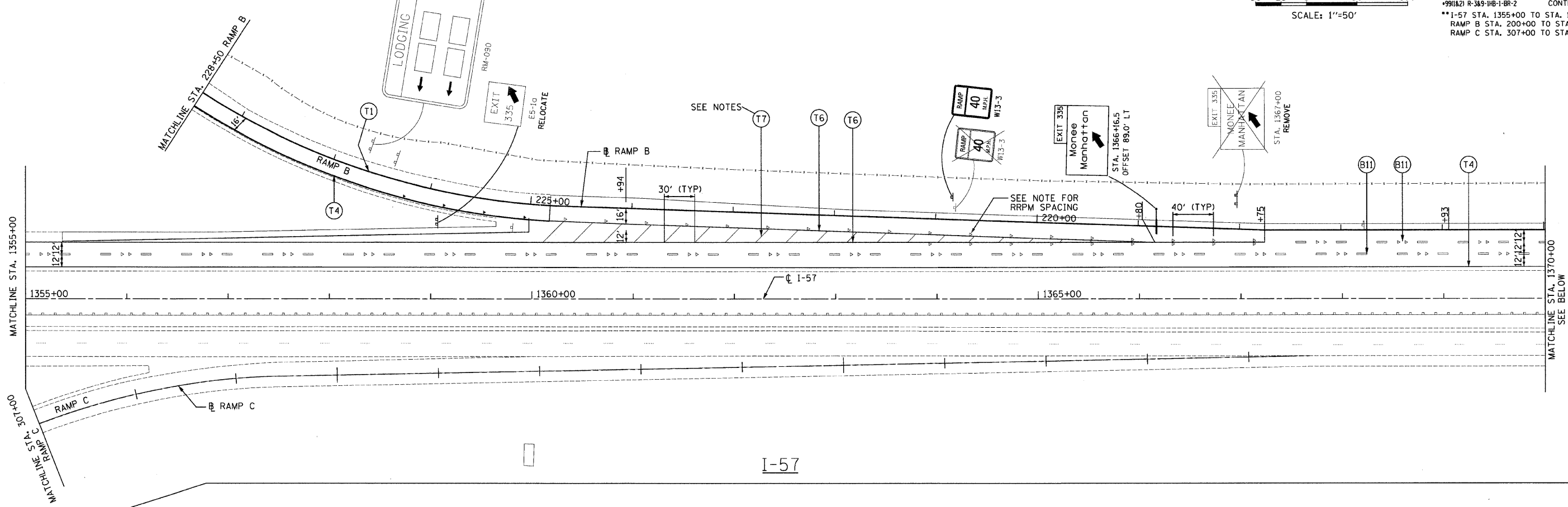
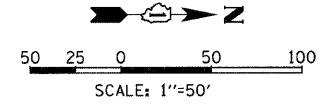
SCALE: VERT. NTS
 HORIZ. 1"=50'
 DATE 9/19/2008

DRAWN BY MJK
 CHECKED BY TW

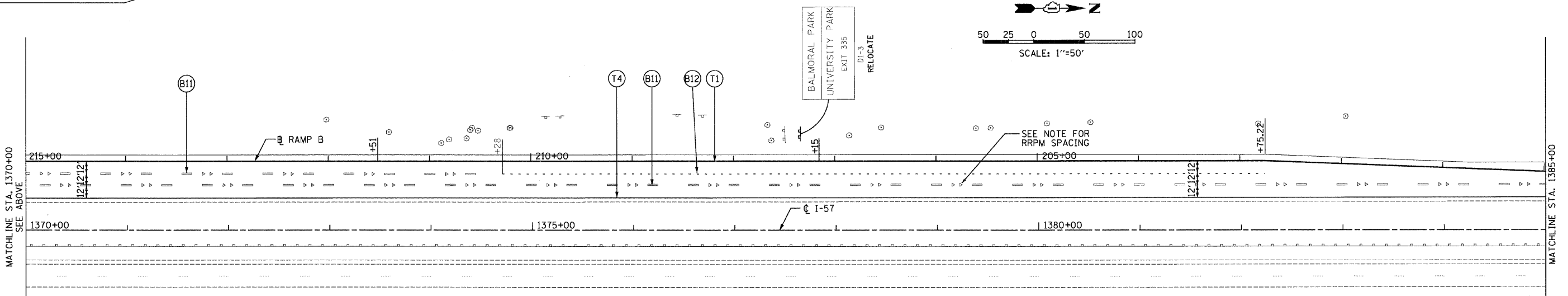
Clark Dietz
 ENGINEERS

DESIGN FIRM REGISTRATION
 No. 184-000450
 118 SOUTH CLINTON STREET
 SUITE 600
 CHICAGO, IL 60681
 PHONE : 312.648.9900
 FAX : 312.648.0204

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57		WILL	303	90
STA. **		TO STA. **		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
*991182) R-389-11B-1-BR-2		CONTRACT: 62253		
** I-57 STA. 1355+00 TO STA. 1365+00				
RAMP B STA. 200+00 TO STA. 226+00				
RAMP C STA. 307+00 TO STA. 319+59.95				



I-57



I-57

PAVEMENT MARKING LEGEND

- MATERIAL**
- P POLYUREA PAVEMENT MARKING-LINE
 - T THERMOPLASTIC PAVEMENT MARKING-LINE
 - B PREFORMED PLASTIC PAVEMENT MARKING-LINE TYPE B
- ◄ RAISED REFLECTIVE PAVEMENT MARKER, ONE-WAY AMBER
 - ◄ RAISED REFLECTIVE PAVEMENT MARKER, ONE-WAY CRYSTAL
 - ◄ RAISED REFLECTIVE PAVEMENT MARKER, TWO-WAY AMBER
 - ◄ T: RAISED REFLECTIVE PAVEMENT MARKER, 80' C-C

TYPE	TYPE OF MARKING	LINE WIDTH	PATTERN	COLOR
1	LANE, EDGE LINES	4"	SOLID	WHITE
2	LANE LINES	4"	SKIP-DASH (10'-30')	WHITE
3	TURN LANE MARKINGS	6"	DOTTED (2'-6')	WHITE
4	CENTERLINE, RAMP EDGE LINES	4"	SOLID	YELLOW
5	TURN LANE MARKINGS	6"	SOLID	WHITE
6	GORE EDGE LINE	8"	SOLID	WHITE
7	SHOULDER DIAGONALS, GORE DIAGONALS	12" @ 45°	SOLID	WHITE
8	MEDIAN DIAGONALS	12" @ 45°	SOLID	YELLOW
9	STOP BAR	24"	SOLID	WHITE
10	LETTERS AND SYMBOLS	8"	ARROW ONLY	WHITE
11	LANE LINES	5"	SKIP-DASH (10'-30')	WHITE
12	LANE LINES	4"	DOTTED (2'-6')	WHITE

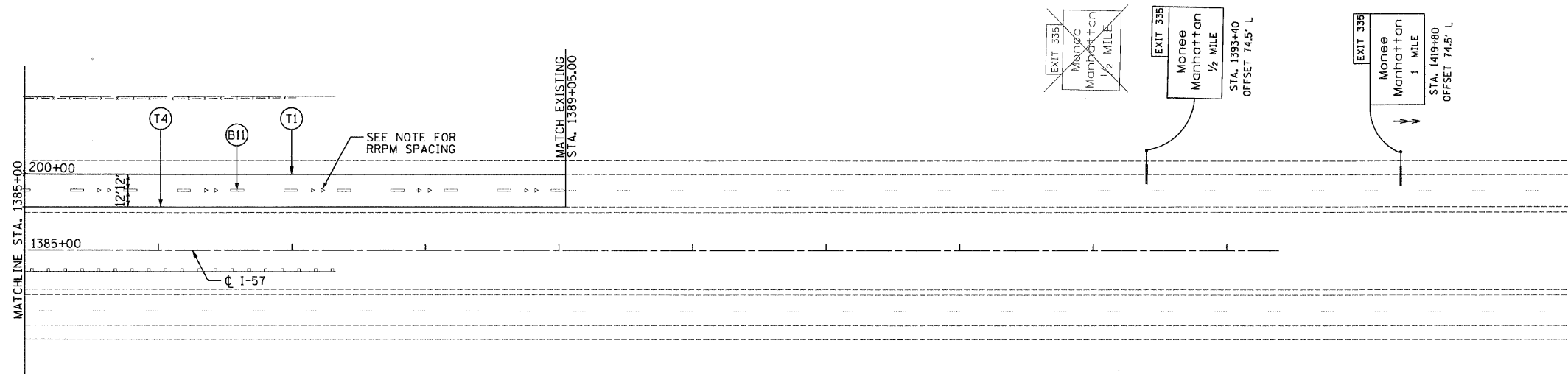
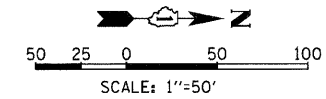
- NOTES:**
- SEE "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" DETAIL SHEET FOR SPACING OF DIAGONALS AND MORE INFORMATION.
 - SEE "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" DETAIL SHEET FOR MORE INFORMATION. ON MANHATTAN-MONEE ROAD ONLY, RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE OFFSET 4" FROM PAVEMENT MARKING LINES AND DASHES.

REVISIONS	
NAME	DATE

DESIGN FIRM REGISTRATION
No. 184-000468
118 SOUTH CLINTON STREET
SUITE 600
CHICAGO, IL 60661
PHONE : 312.648.9900
FAX : 312.648.0204

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-57 AT MANHATTAN - MONEE ROAD
SIGNING AND PAVEMENT MARKING DETAILS
I-57
STA. 1355+00 TO 1385+00
SCALE: VERT. NTS
HORIZ. 1"=50'
DATE 9/19/2008
DRAWN BY MJK
CHECKED BY TW

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	91
STA. **		TO STA. **		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
*990A(2) R-3A9-1H8-1-BR-2		CONTRACT: 62253		
**1-57 STA. 1385+00 TO STA. 1387+00				



PAVEMENT MARKING LEGEND

MATERIAL

P POLYUREA PAVEMENT MARKING-LINE
T THERMOPLASTIC PAVEMENT MARKING-LINE
B PREFORMED PLASTIC PAVEMENT MARKING-LINE TYPE B

TYPE	TYPE OF MARKING	LINE WIDTH	PATTERN	COLOR
1	LANE, EDGE LINES	4"	SOLID	WHITE
2	LANE LINES	4"	SKIP-DASH (10'-30')	WHITE
3	TURN LANE MARKINGS	6"	DOTTED (2'-6')	WHITE
4	CENTERLINE, RAMP EDGE LINES	4"	SOLID	YELLOW
5	TURN LANE MARKINGS	6"	SOLID	WHITE
6	GORE EDGE LINE	8"	SOLID	WHITE
7	SHOULDER DIAGONALS, GORE DIAGONALS	12" @ 45°	SOLID	WHITE
8	MEDIAN DIAGONALS	12" @ 45°	SOLID	YELLOW
9	STOP BAR	24"	SOLID	WHITE
10	LETTERS AND SYMBOLS	8'	ARROW ONLY	WHITE
11	LANE LINES	5"	SKIP-DASH (10'-30')	WHITE
12	LANE LINES	4"	DOTTED (2'-6')	WHITE

- ◄ RAISED REFLECTIVE PAVEMENT MARKER, ONE-WAY AMBER
- ◄ RAISED REFLECTIVE PAVEMENT MARKER, ONE-WAY CRYSTAL
- ◆ RAISED REFLECTIVE PAVEMENT MARKER, TWO-WAY AMBER
- ◄ RAISED REFLECTIVE PAVEMENT MARKER, 80' C-C

- NOTES:**
- SEE "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" DETAIL SHEET FOR SPACING OF DIAGONALS AND MORE INFORMATION.
 - SEE "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" DETAIL SHEET FOR MORE INFORMATION. ON MANHATTAN-MONEE ROAD ONLY, RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE OFFSET 4" FROM PAVEMENT MARKING LINES AND DASHES.

I-57

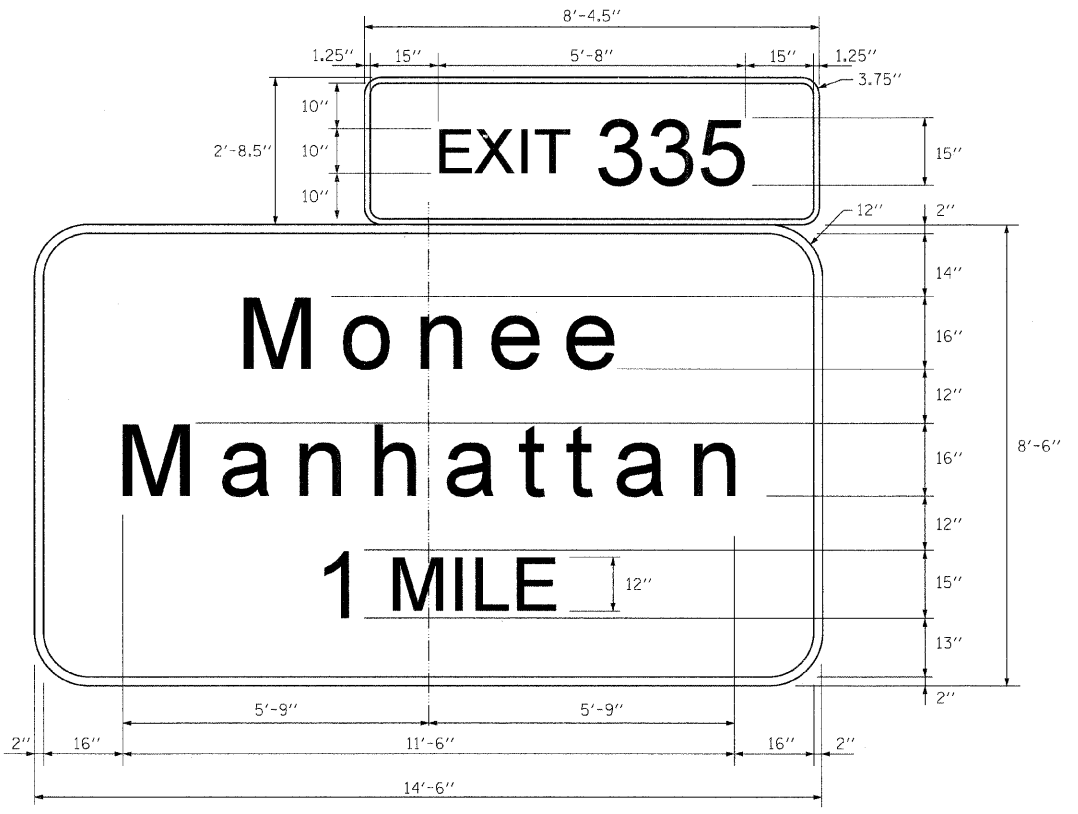
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REVISIONS	
NAME	DATE

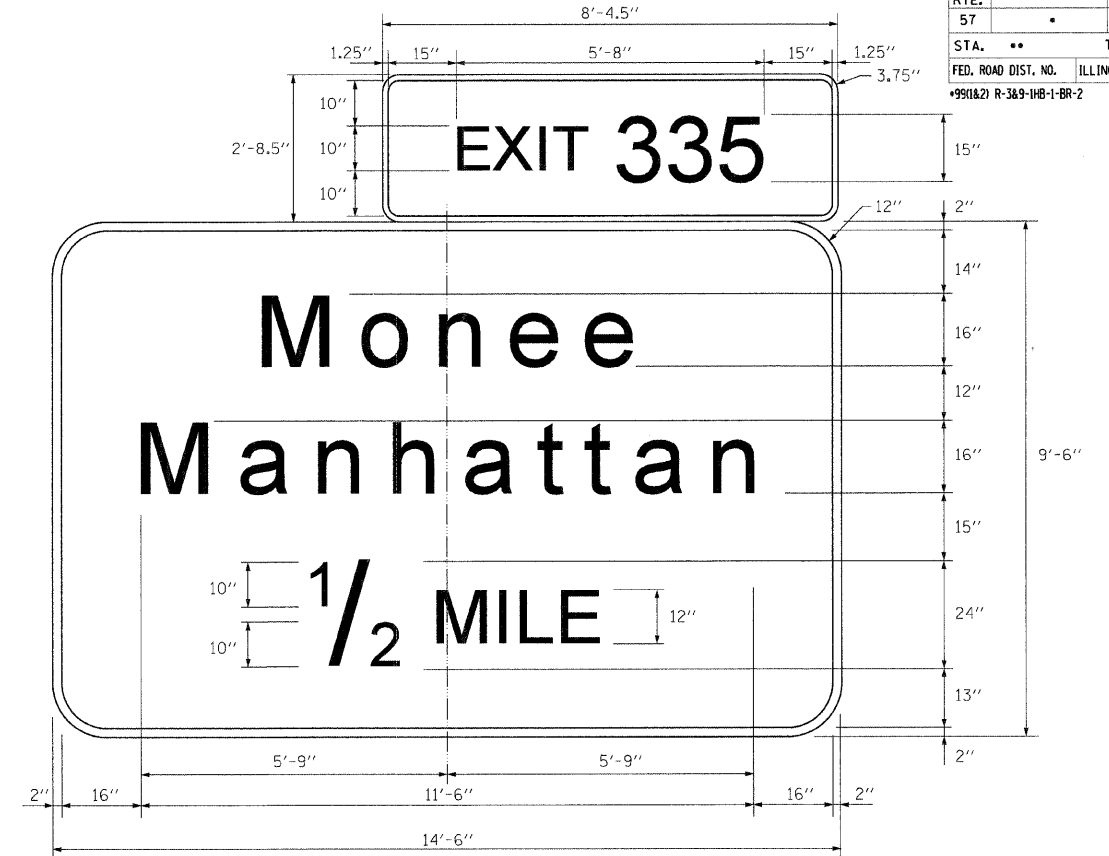
ILLINOIS DEPARTMENT OF TRANSPORTATION
I-57 AT MANHATTAN - MONEE ROAD
SIGNING AND PAVEMENT MARKING DETAILS
I-57
STA. 1385+00 TO 1419+00
SCALE: VERT. NTS
HORIZ. 1"=50'
DATE 9/19/2008
DRAWN BY MJK
CHECKED BY TW

DESIGN FIRM REGISTRATION
No. 184-000460
118 SOUTH CLINTON STREET
SUITE 600
CHICAGO, IL 60681
PHONE : 312.648.8900
FAX : 312.648.0204

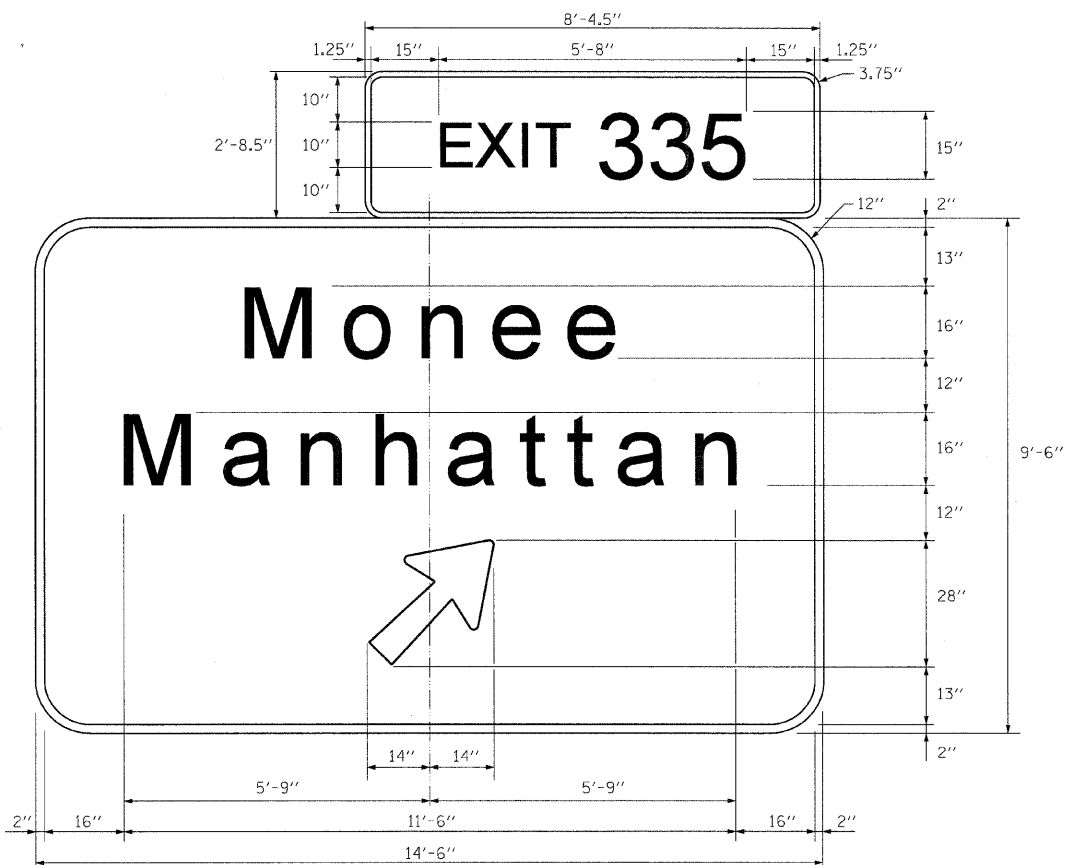
F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	WILL	303	92
STA. **		TO STA. **		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
*991827 R-389-1WB-1-BR-2		CONTRACT: 62253		



SIGN IS GREEN WITH WHITE LETTERS
STA. 1419+80



SIGN IS GREEN WITH WHITE LETTERS
STA. 1393+40



STA. 1366+16.5
SIGN IS GREEN WITH WHITE LETTERS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-57 AT MANHATTAN - MONEE ROAD

OVERHEAD SIGN DETAILS

SCALE: VERT. NTS
HORIZ. 1"=30'

DATE 9/19/2008

DRAWN BY KBN
CHECKED BY TW

Clark Dietz
ENGINEERS

DESIGN FIRM REGISTRATION
No. 184-000450

118 SOUTH CLINTON STREET
SUITE 800
CHICAGO, IL 60661
PHONE : 312.648.9900
FAX : 312.648.0204

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8/17/2008

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 1 11 SHEETS
FAI 57	*	WILL	303	93	
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT			

GENERAL NOTES

Contract #62253

DESIGN: AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals. ("AASHTO Specifications")

CONSTRUCTION: Current (at time of letting) Illinois Department of Transportation Standard Specifications for Road and Bridge Construction, Supplemental Specifications and Special Provisions. ("Standard Specifications")

LOADING: 90 M.P.H. WIND VELOCITY

WALKWAY LOADING: Dead load plus 500 lbs. concentrated live load.

DESIGN STRESSES:

Field Units
 $f' = 3,500$ p.s.i.
 $f_y = 60,000$ p.s.i. (reinforcement)

WELDING: All welds to be continuous unless otherwise shown. All welding to be done in accordance with current AWS D1.1 and D1.2 Structural Welding Codes (Steel and Aluminum) and the Standard Specifications.

MATERIALS: Aluminum Alloys as shown throughout plans. All Structural Steel Pipe shall be ASTM A53 Grade B or A500 Grade B or C. If A500 pipe is substituted for A53, then the outside diameter shall be as detailed and wall thickness greater than or equal to A53.

All Structural Steel Plates and Shapes shall conform to AASHTO M270 Gr. 36, Gr. 50 or Gr. 50W*. Stainless steel for shims, sleeves and handhole covers shall be ASTM A240, Type 302 or 304, or another alloy suitable for exterior exposure and acceptable to the Engineer. The steel pipe and stiffening ribs at the base plate for the column shall have a minimum longitudinal Charpy V-Notch (CVN) energy of 15 lb.-ft. at 40° F. (Zone 2) before galvanizing.

FASTENERS FOR ALUMINUM TRUSSES: All bolts noted as "high strength" must satisfy the requirements of AASHTO M164 (ASTM A325), or approved alternate, and must have matching lock nuts. Threaded studs for splices (if Members interfere) must satisfy the requirements of ASTM A449, ASTM A193, Grade B7, or approved alternate, and must have matching lock nuts. Bolts and lock nuts not required to be high strength must satisfy the requirements of ASTM A307. All bolts and lock nuts must be hot dip galvanized per AASHTO M232. The lock nuts must have nylon or steel inserts. A stainless steel flat washer conforming to ASTM A240 Type 302 or 304, is required under both head and nut or under both nuts where threaded studs are used. High strength bolt installation shall conform to Article 505.04 (f) (2) d of the IDOT Standard Specifications for Road and Bridge Construction. Rotational capacity ("ROCAP") testing of bolts will not be required.

U-BOLTS AND EYEBOLTS: U-Bolts and Eyebolts must be produced from ASTM A276 Type 304, 304L, 316 or 316L, Condition A, cold finished stainless steel, or an equivalent material acceptable to the Engineer. All nuts for U-Bolts and Eyebolts must be lock nuts equivalent to ASTM A307 with nylon or steel inserts and hot dip galvanized per AASHTO M232. A stainless steel flat washer conforming to ASTM A240, Type 302 or 304, is required under each U-Bolt and Eyebolt lock nut.

GALVANIZING: All Steel Grating, Plates, Shapes and Pipe shall be Hot Dip Galvanized after fabrication in accordance with AASHTO M111. Painting is not permitted.

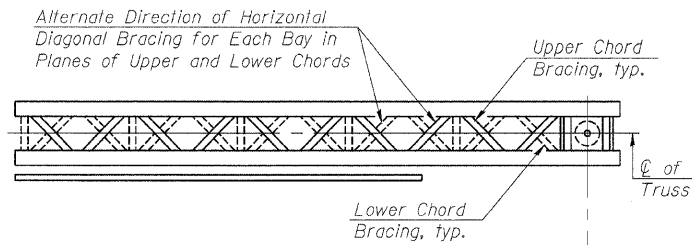
ANCHOR RODS: Shall conform to AASHTO M314 Gr. 105 with a minimum Charpy V-Notch (CVN) energy of 15 lb.-ft. at 10° F.

CONCRETE SURFACES: All concrete surfaces above an elevation 6" below the lowest final ground line at each foundation shall be cleaned and coated with Bridge Seat Sealer in accordance with the Standard Specifications.

REINFORCEMENT BARS: Reinforcement Bars designated (E) shall be epoxy coated in accordance with the Standard Specifications.

FOUNDATIONS: The contract unit price for Drilled Shaft Concrete Foundations shall include reinforcement bars complete in place.

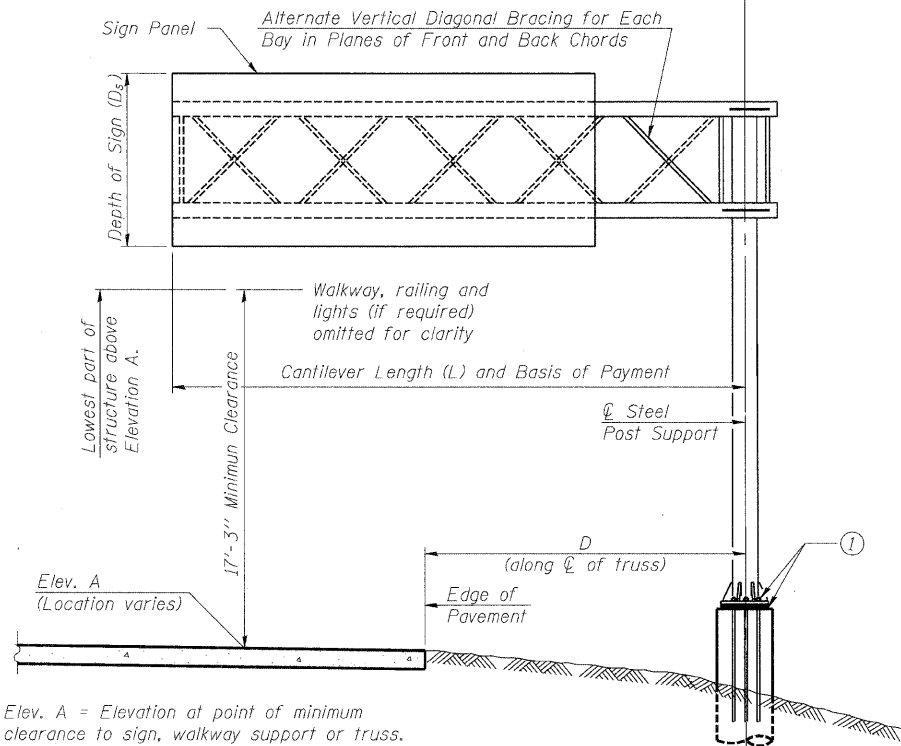
* If M270 Gr. 50W (M222) steel is proposed, chemistry for plate to be used shall first be approved by the Engineer as suitable for galvanizing and welding.



TYPICAL PLAN
(Walkway not shown)

Structure Number	Station	Design Truss Type	Cantilever Length (L)	Elev. A	Dim. D	D _s	Total Sign Area
IC0991057L335.4	1366+16.50	II-C-A	25'-0"	781.25	17'-2"	12'-2 1/2"	160.4 Sq. Ft.
IC0991057L336.0	1393+40	II-C-A	25'-0"	780.42	17'-2"	12'-2 1/2"	160.4 Sq. Ft.
IC0991057L336.5	1419+80	I-C-A	25'-0"	771.25	17'-2"	11'-2 1/2"	145.9 Sq. Ft.

Truss Type	Maximum Sign Area	Maximum Length
I-C-A	170 Sq. Ft.	25 Ft.
II-C-A	340 Sq. Ft.	30 Ft.
III-C-A	400 Sq. Ft.	40 Ft.



Elev. A = Elevation at point of minimum clearance to sign, walkway support or truss.

TYPICAL ELEVATION
Looking in Direction of Traffic

Sign support structures may be subject to damaging vibrations and oscillations when sign panels are not in place during erection or maintenance of the structure. To avoid these vibrations and oscillations, consideration should be given to attaching temporary blank sign panels to the structure.

① After adjustments to level truss and insure adequate vertical clearance, all top and leveling nuts shall be tightened against the base plate with a minimum torque of 200 lb.-ft. Stainless steel mesh shall then be placed around the perimeter of the base plate. Secure to base plate with stainless steel banding.

Note:
Trusses shall be shipped individually with adequate provision to prevent detrimental motion during transport. This may require ropes between horizontals and diagonals or energy dissipating (elastic) ties to the vehicle. The contractor is responsible for maintaining the configuration and protection of the trusses.

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
OVERHEAD SIGN STRUCTURE-CANTILEVER, TYPE I-C-A (24"x4'-6")	Foot	25
OVERHEAD SIGN STRUCTURE CANTILEVER TYPE II-C-A (36"x5'-6")	Foot	50
OVERHEAD SIGN STRUCTURE CANTILEVER TYPE III-C-A	Foot	—
OVERHEAD SIGN STRUCTURE WALKWAY, TYPE A	Foot	71
DRILLED SHAFT CONCRETE FOUNDATIONS	Cu. Yds.	38.5

NUMBER	REVISION	DATE

**CANTILEVER SIGN STRUCTURES
GENERAL PLAN & ELEVATION
ALUMINUM TRUSS & STEEL POST**

MANHATTAN-MONEE ROAD (CH-6)
OVER I-57
F.A. I-57 SEC. 99(1&2) R 3&9-1HB-1-BR2
WILL COUNTY STA.14037+43.90
STRUCTURE NUMBER 099-4647

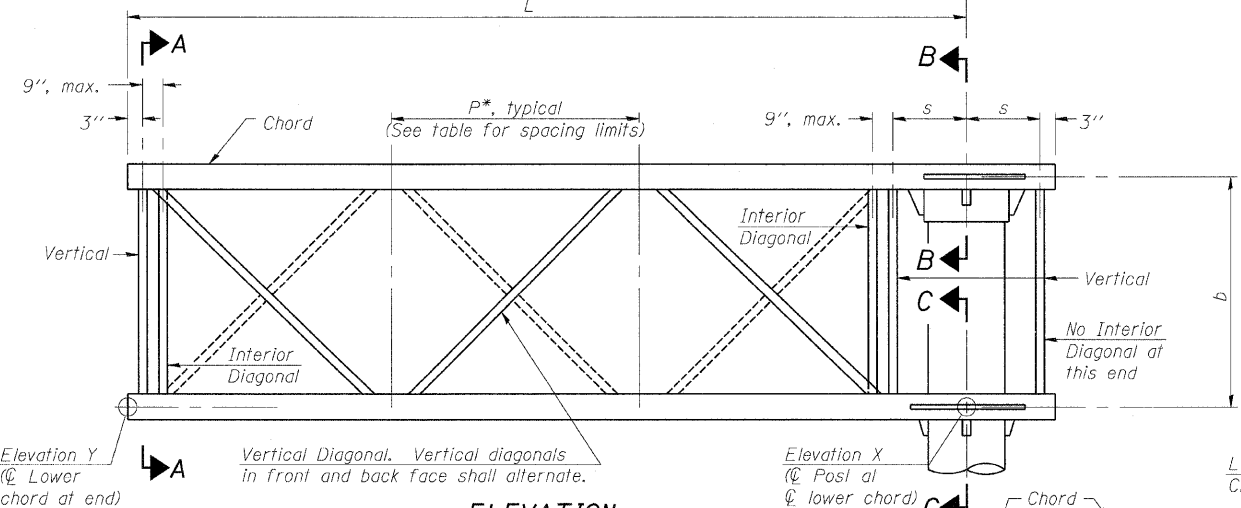
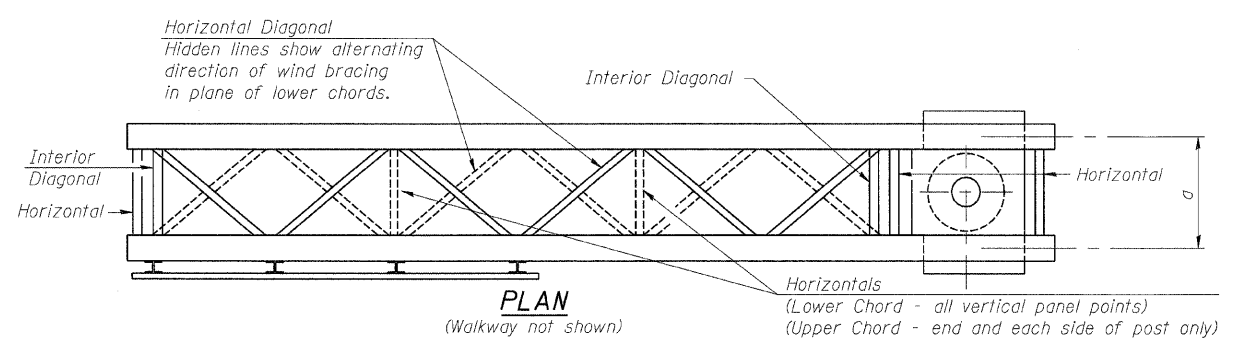
DESIGN FIRM REGISTRATION
No. 184-000450
1817 SOUTH NEIL STREET
SUITE 100
CHAMPAIGN, IL 61820
PHONE : 217.373.8900
FAX : 217.373.8923

Clark Dietz
ENGINEERS

NOTE: DIMENSIONAL DATA IS NOT TO BE OBTAINED BY SCALING ANY PORTION OF THIS DRAWING.

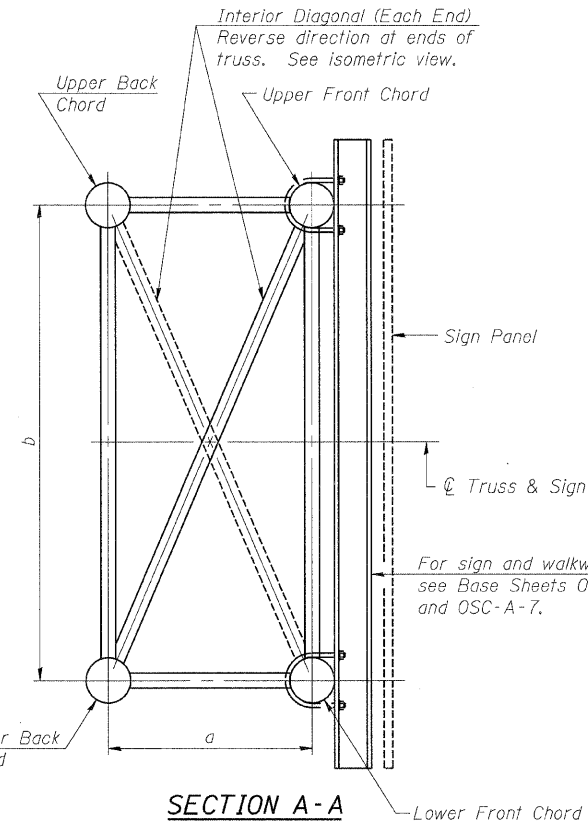
DESIGNED BY: SLD PROJECT NO: 102230
 DRAWN BY: SLD/AJP DATE: 06/2008
 CHECKED BY: SLD
 APPROVED BY: TMW
 ACTIVITY INITIALS

DRAWING NUMBER
OSC-1

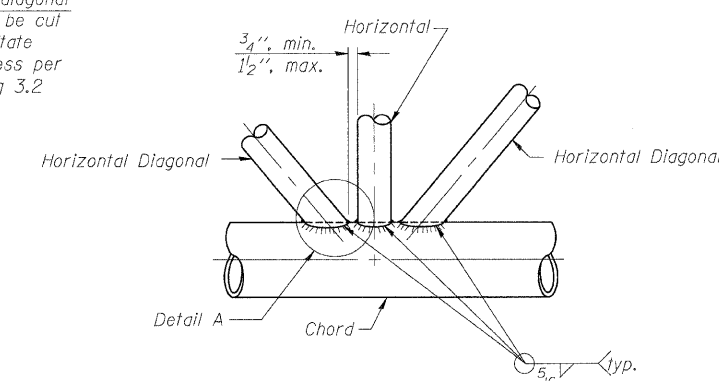
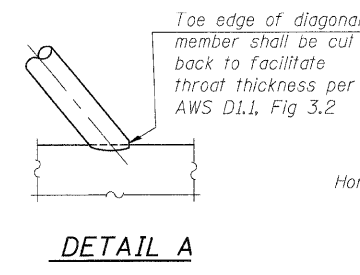


ELEVATION
(Sign and walkway omitted for clarity)

TYPICAL TRUSS UNIT
For Section B-B and Section C-C, see Base Sheet OSC-A-3.

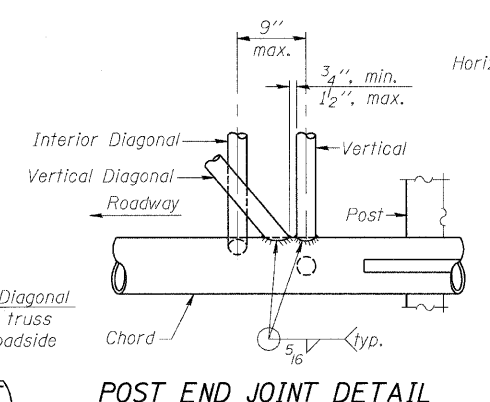


SECTION A-A



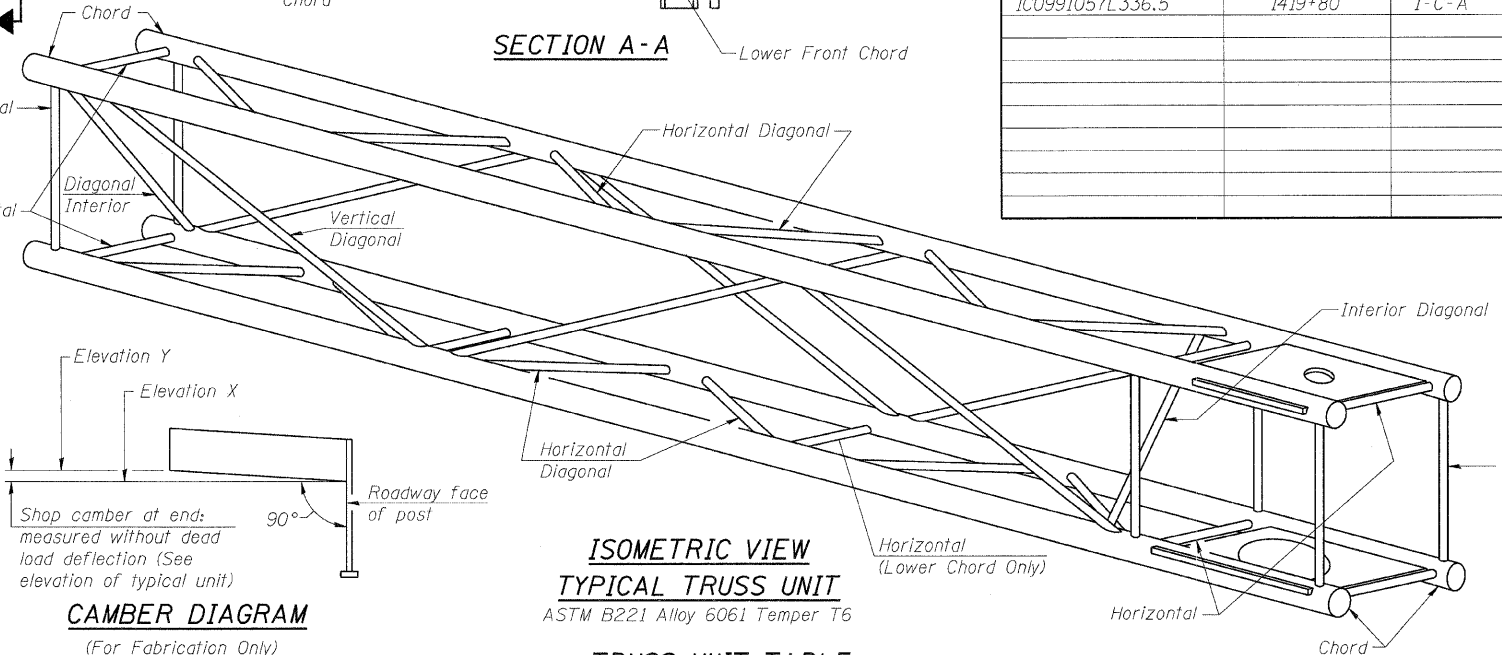
Structure Number	Station	Truss Type	Design Length (L)	Number of Panels Per Unit	Panel Length (P)*
1C0991057L335.4	1366+16.50	II-C-A	25'-0"	6	3'-10 1/2"
1C0991057L336.0	1393+40	II-C-A	25'-0"	6	3'-10 1/2"
1C0991057L336.5	1419+80	I-C-A	25'-0"	6	3'-10 1/2"

Note:
There are twice as many horizontal diagonals as there are vertical diagonals.



SHOP CAMBER TABLE

Unit Length (L)	Shop Camber at End
15'	1 1/2"
16'-17'	1 3/4"
18'-20'	2"
21'-22'	2 1/4"
23'-25'	2 1/2"
26'-27'	2 3/4"
28'-30'	3"
31'-32'	3 1/4"
33'-35'	3 1/2"
36'-37'	4"
38'-40'	4 1/2"

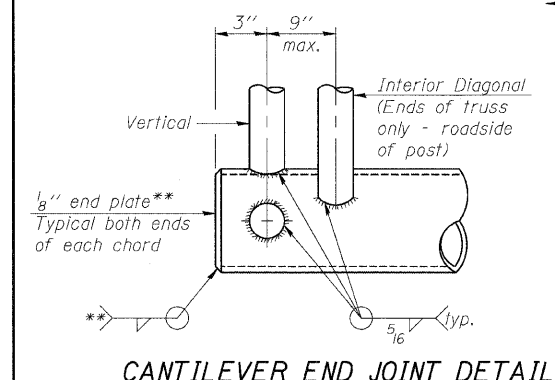


CAMBER DIAGRAM
(For Fabrication Only)

TRUSS UNIT TABLE

Truss Type	Dimension "a"	Dimension "b"	Dimension "s"	Limits for Panel Spacing (P)*	Up. & Low. Chord		Verticals; Horizontals; Vertical, Horizontal, and Interior Diagonals	
					O.D.	Wall	O.D.	Wall
I-C-A	24"	54"	16"	36" min. to 48" max.	5"	5/16"	2 1/2"	5/16"
II-C-A	36"	66"	21"	42" min. to 54" max.	6 1/2"	5/16"	3 1/4"	5/16"
III-C-A (35' Max.)	36"	84"	21"	48" min. to 66" max.	7"	3/8"	3 1/2"	3/8"
III-C-A (>35' to 40')	36"	84"	21"	48" min. to 66" max.	8"	3/8"	3 1/2"	3/8"

*P = (L-s-3") / # Panels



** Contractor may alternatively use standard aluminum drive-fit cap to close ends.

NUMBER	REVISION	DATE

CANTILEVER SIGN STRUCTURES TRUSS DETAILS
ALUMINUM TRUSS & STEEL POST

MANHATTAN-MONEE ROAD (CH-6)
OVER I-57

F.A. I-57 SEC. 99(18.2) R 3&9-1HB-1-BR2
WILL COUNTY STA.14037+43.90
STRUCTURE NUMBER 099-4647

DESIGN FIRM REGISTRATION No. 184-000450

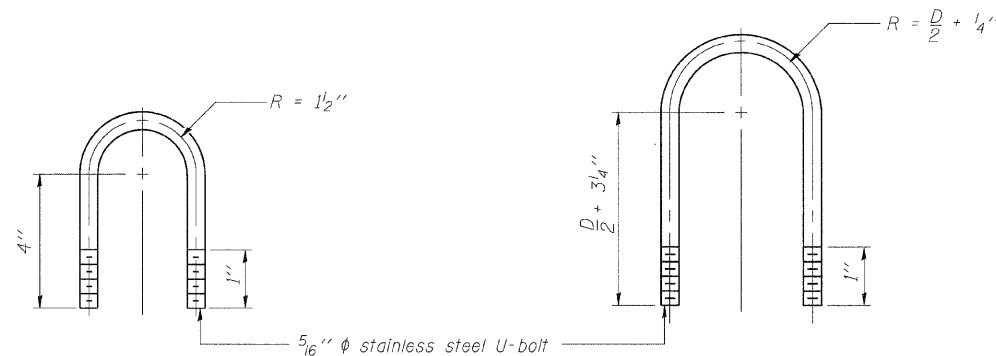
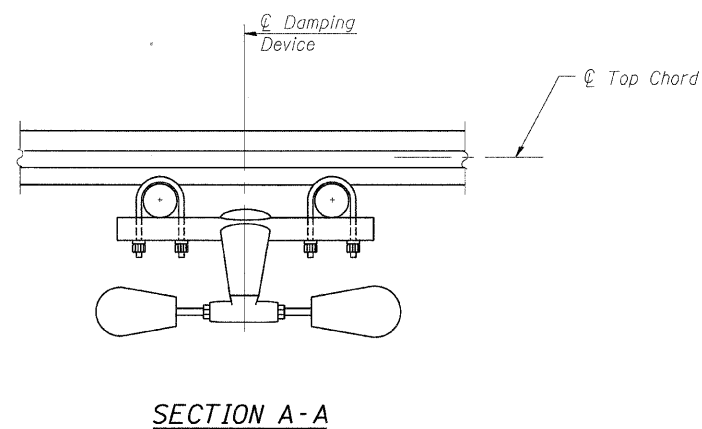
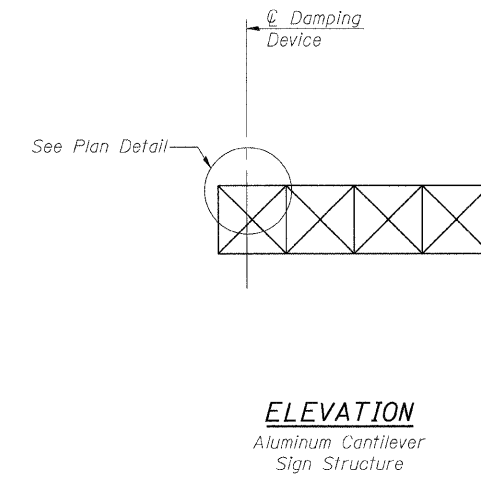
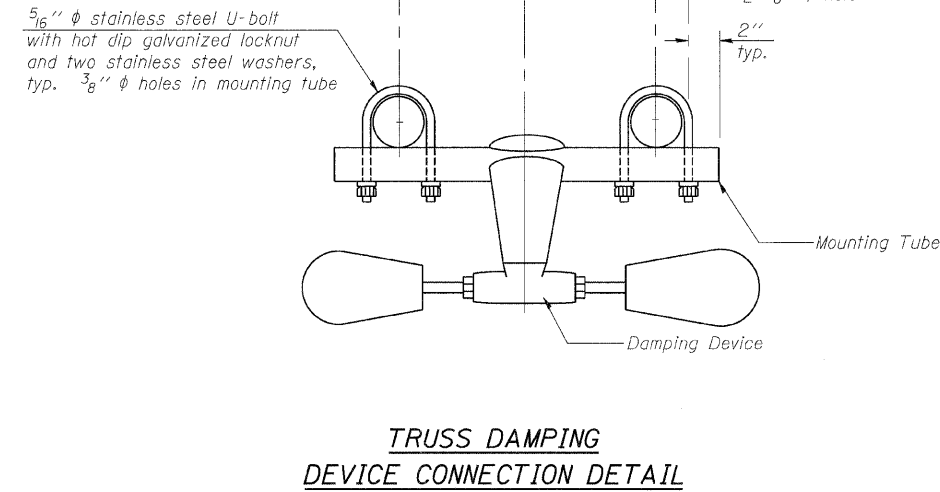
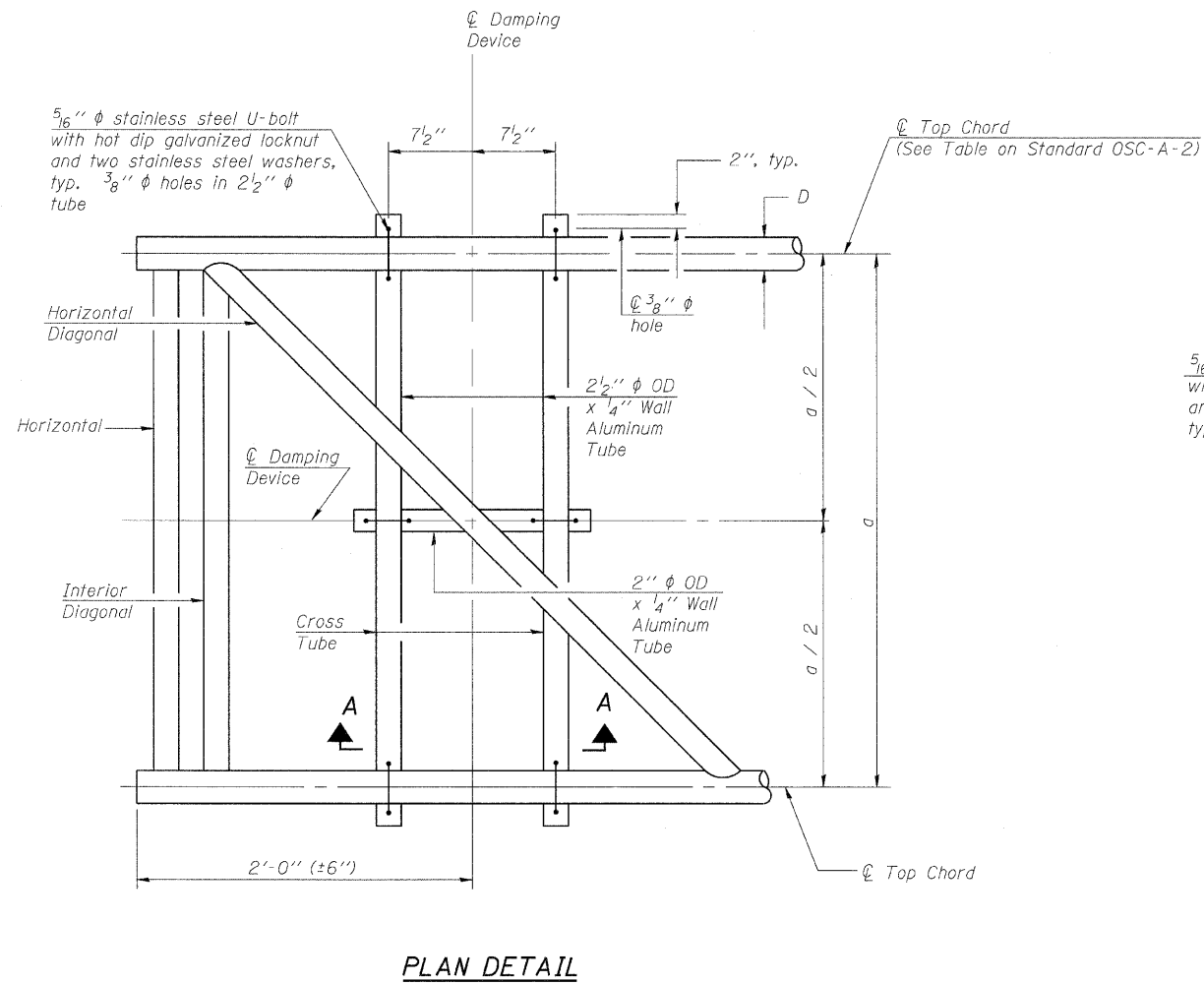
Clark Dietz ENGINEERS

1817 SOUTH NELL STREET
SUITE 100
CHAMPAIGN, IL 61820
PHONE : 217.373.8900
FAX : 217.373.8923

NOTES: DIMENSIONAL DATA IS NOT TO BE OBTAINED BY SCALING ANY PORTION OF THIS DRAWING.

DESIGNED BY: SLD PROJECT NO: 102230
DRAWN BY: SLD/AJP DATE: 06/2008
CHECKED BY: SLD
APPROVED BY: TMW
ACTIVITY INITIALS

DRAWING NUMBER
OSC-2

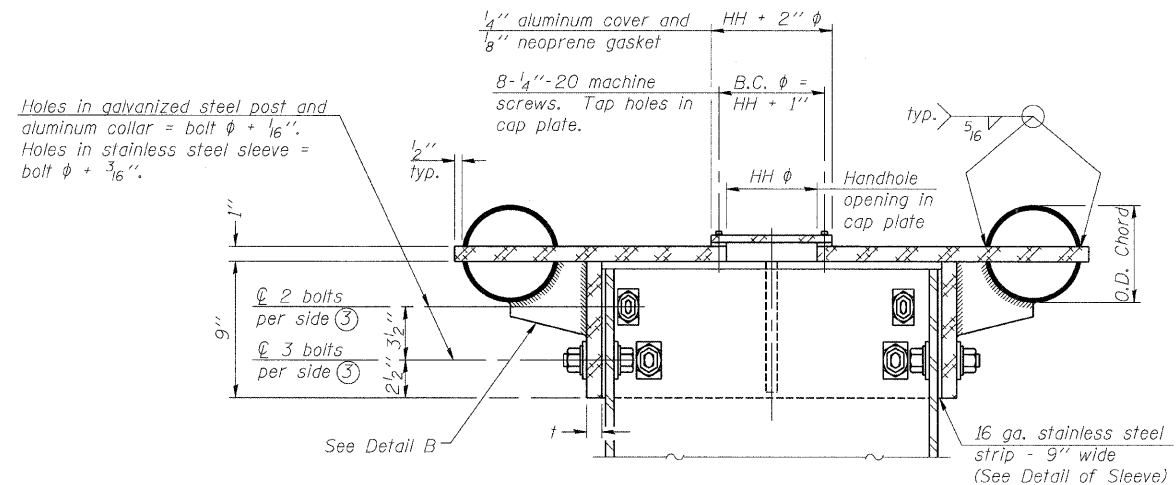


DAMPING DEVICE MOUNTING TUBE U-BOLT DETAIL (Typical)

TOP CHORD TO CROSS TUBE U-BOLT DETAIL (Typical)

- GENERAL NOTES**
- Damper: One damper per truss. (31 lbs. Stockbridge-Type Aluminum-29" minimum between ends of weights)
- Materials: Aluminum tubes shall be ASTM B221 alloy 6061 temper T6

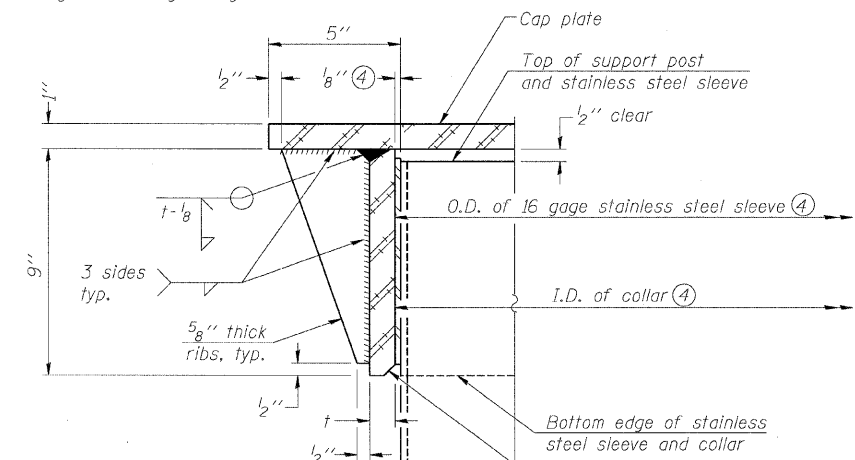
CANTILEVER SIGN STRUCTURE DAMPING DEVICE	
MANHATTAN-MONEE ROAD (CH-6) OVER I-57	
F.A. I-57	SEC. 99(1&2) R 3&9-1HB-1-BR2
WILL COUNTY	STA. 14037+43.90
STRUCTURE NUMBER 099-4647	
Clark Dietz ENGINEERS	
DESIGN FIRM REGISTRATION No. 184-000450	
1817 SOUTH NEIL STREET SUITE 100 CHAMPAIGN, IL 61820	
PHONE : 217.373.8900 FAX : 217.373.8923	
NOTE: DIMENSIONAL DATA IS NOT TO BE OBTAINED BY SCALING ANY PORTION OF THIS DRAWING.	
DESIGNED BY: SLD	PROJECT NO: 102230
DRAWN BY: SLD/AJP	DATE: 06/20/08
CHECKED BY: SLD	
APPROVED BY: TMW	
ACTIVITY	INITIALS
OSC-3	



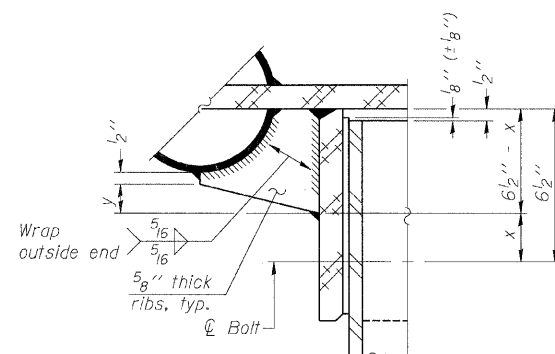
④ Collar I.D. shall be manufactured to correspond to O.D. of actual galvanized post and stainless steel sleeve plus 1/8" (±1/16"). Maximum gap between post and collar at any location equals 1/8" before tightening bolts.

SECTION B-B

Bolts, washers (including contoured washers), and locknuts shall be stainless steel.

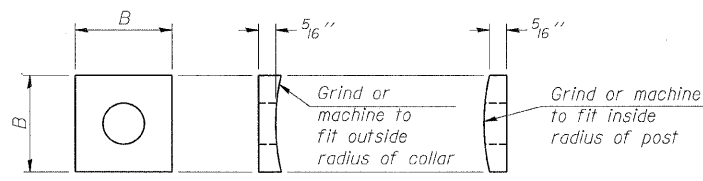


DETAIL A
(Two locations)



DETAIL B

Two locations
(For details not shown, see Detail C)



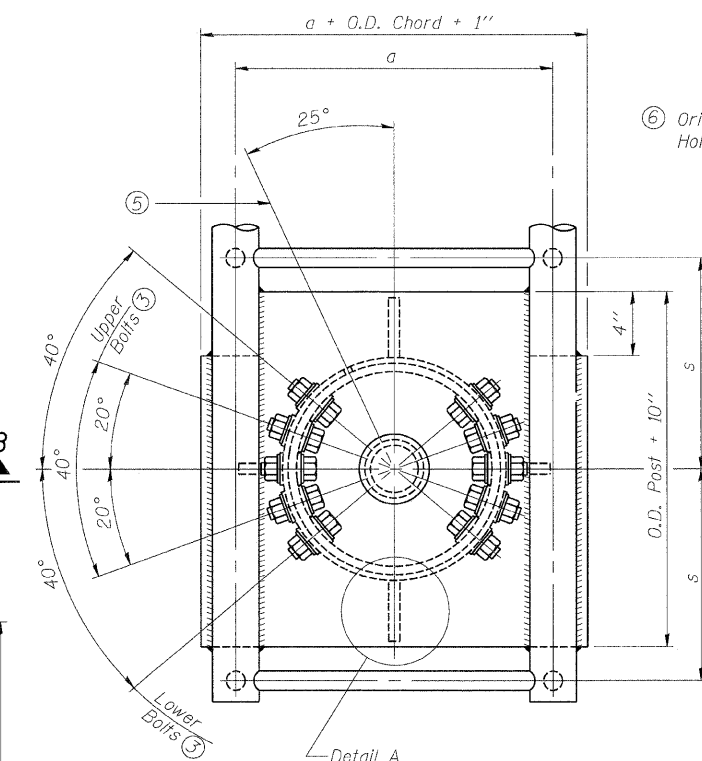
CONTOURED WASHERS

Bolt Size	Contoured Washers	
	Hole Dia.	B
7/8"	1"	2 1/2"
1"	1 1/8"	3"
1 1/4"	1 3/8"	3 1/4"

DETAIL OF STAINLESS STEEL SLEEVE

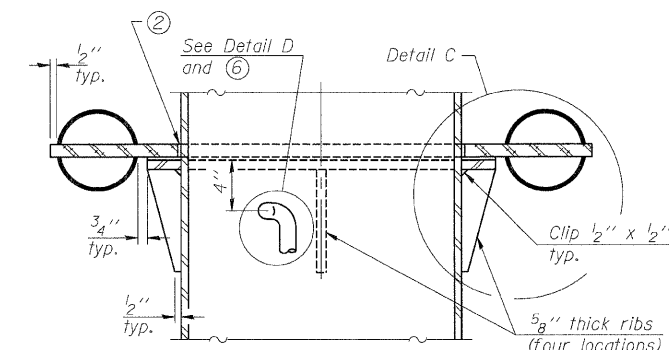
Weld to post after galvanizing. (Prepare post surface to insure tight, uniform fit and allow welding.) Welds to be 1/2" long at 6" cts. along top edge and at 1/4" opening.

NUMBER	REVISION	DATE

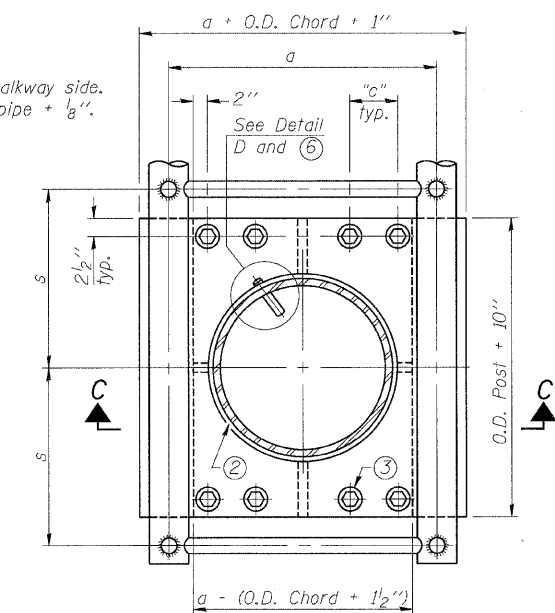


PLAN VIEW - TOP OF COLUMN

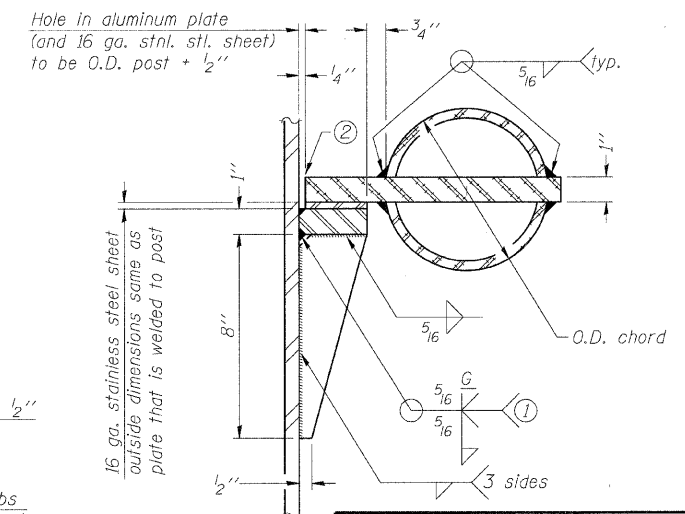
⑤ Optional full penetration weld in collar. (Two locations maximum....180° apart)....X-ray or UT 100%



SECTION C-C



SECTION THRU POST ABOVE LOWER CHORDS



DETAIL C

- ① Grind top if required to fully eat aluminum plate and stainless steel sheet.
- ② After tightening lower connection bolts, fill gap with non-hardening, silicone caulk suitable for exterior exposure and acceptable to the Engineer. Cost is included in Overhead Sign Structure Cantilever.

③ Upper and lower connection bolts in collar and bolts at lower chord connection shall be high strength with matching locknuts. Connection bolts shall have 2 stainless steel flat washers each.

**CANTILEVER SIGN STRUCTURES
JUNCTURE DETAILS
ALUMINUM TRUSS & STEEL POST**

MANHATTAN-MONEE ROAD (CH-6)
OVER I-57
F.A. I-57 SEC. 99(1&2) R 3&9-1HB-1-BR2
WILL COUNTY STA. 14037+43.90
STRUCTURE NUMBER 099-4647

DESIGN FIRM REGISTRATION
No. 184-000450
1817 SOUTH NELL STREET
SUITE 100
CHAMPAIGN, IL 61820
PHONE : 217.373.8900
FAX : 217.373.8923

Clark Dietz
ENGINEERS

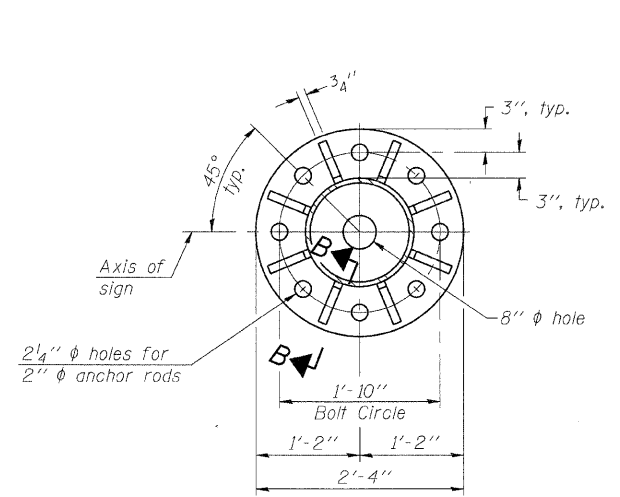
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DESIGNED BY: SLD PROJECT NO: 102230
DRAWN BY: SLD/AJP DATE: 08/2028
CHECKED BY: SLD
APPROVED BY: TMW
ACTIVITY INITIALS

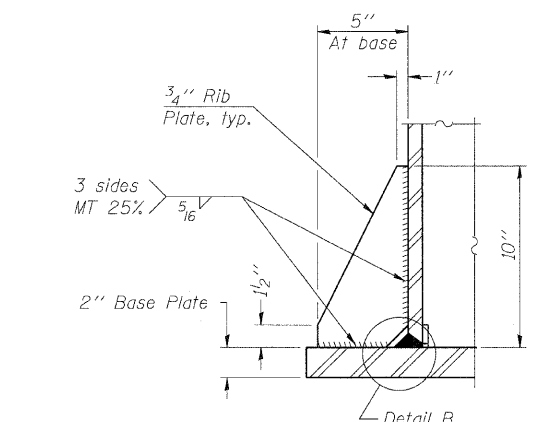
DRAWING NUMBER
OSC-4

ROUTE NO.	SECTION	COUNTY	SHEET NO.	SHEET NO.
FAI 57	*	WILL	303	97
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

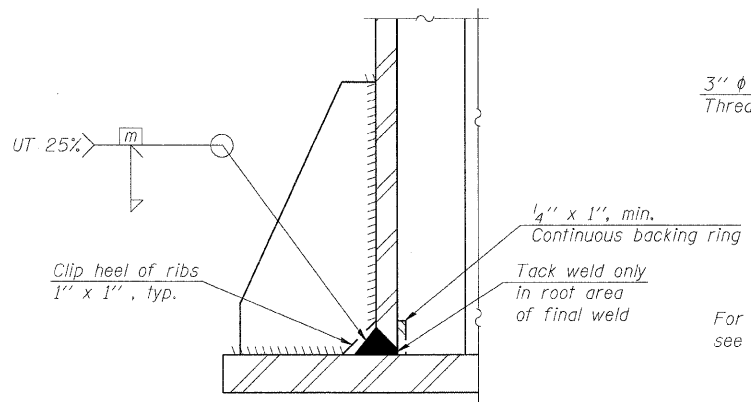
Contract #62253



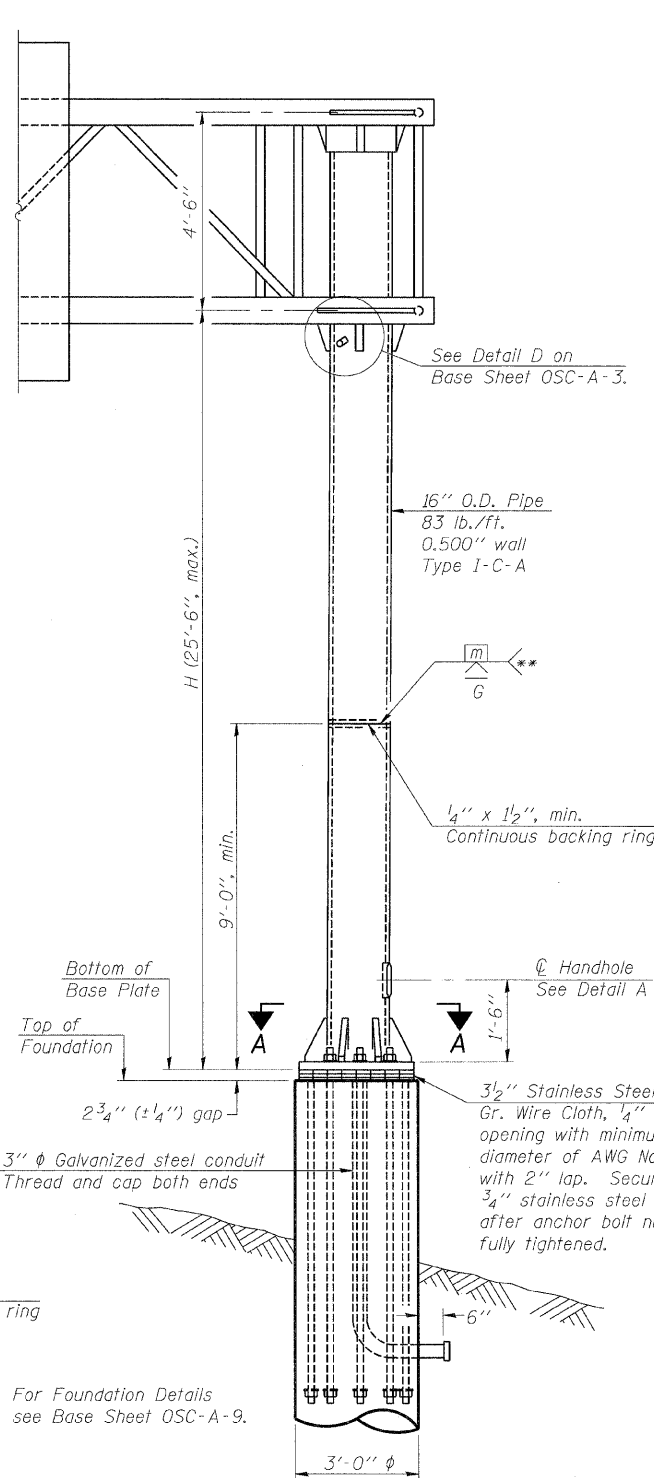
SECTION A-A



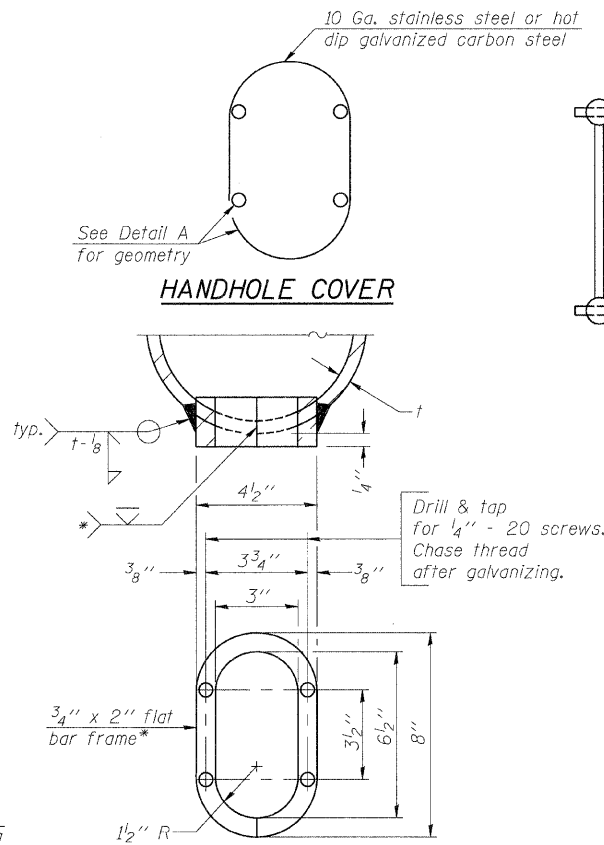
SECTION B-B



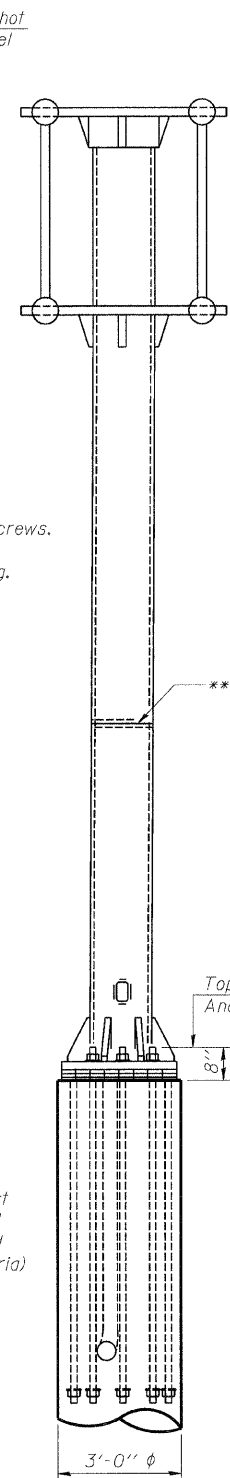
DETAIL B
(Typical rib)



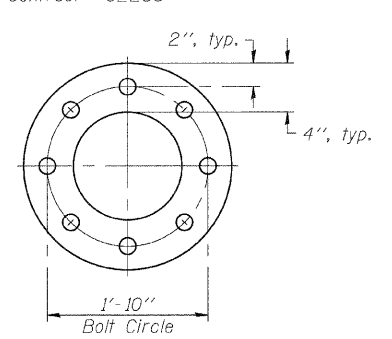
FRONT ELEVATION



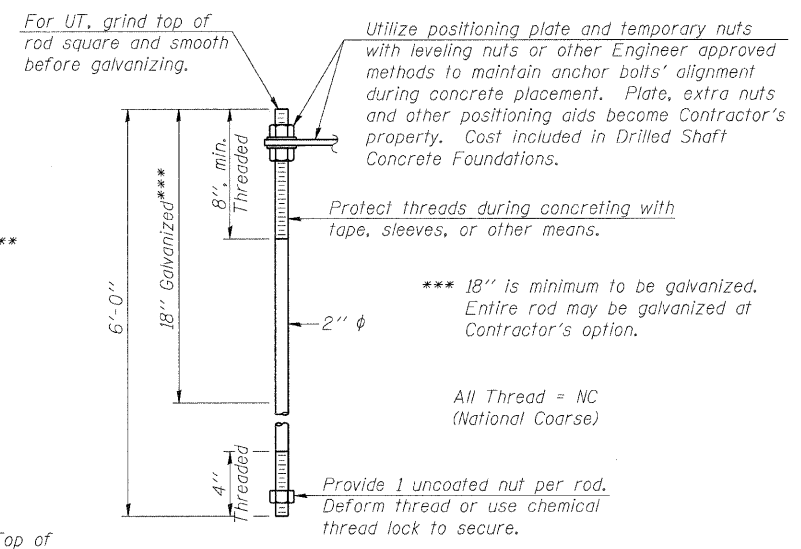
DETAIL A



SIDE ELEVATION



SUGGESTED POSITIONING PLATE



ANCHOR ROD DETAIL

- * Bent bars may be butt welded top and bottom or bottom only. In lieu of fabricated handhole frame as shown, may cut from 2" plate (rolling direction vertical). All cut faces to be ground to ANSI Roughness of 500 μin or less.
- ** Butt welded joint in post is only allowed for post heights (H) over 20 ft. in length. If used, weld procedure must be preapproved by Engineer and joint shall receive 100% RT or UT (tension criteria) at Contractor's expense.

Structure Number	Station	H
IC0991057L336.5	1419+80	22'-9"

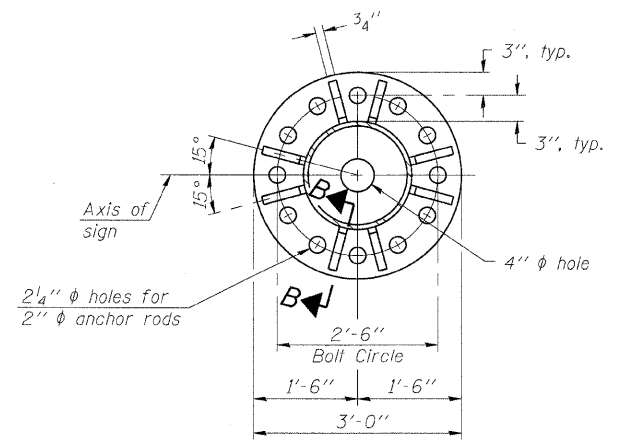
Note: "H" based on 15'-0" or actual sign height, whichever is greater.

NUMBER	REVISION	DATE

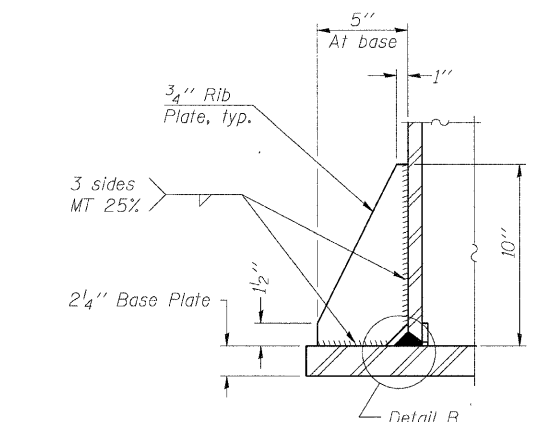
**CANTILEVER SIGN STRUCTURES
TYPE I-C-A TRUSS SUPPORT POST
ALUMINUM TRUSS & STEEL POST**
MANHATTAN-MONEE ROAD (CH-6)
OVER I-57
F.A. I-57 SEC. 99(1&2) R 3&9-
1HB-1-BR2
WILL COUNTY STA.14037+43.90
STRUCTURE NUMBER 099-4647

DESIGN FIRM REGISTRATION
No. 184-000450
Clark Dietz
ENGINEERS
1817 SOUTH NEIL STREET
SUITE 100
CHAMPAIGN, IL 61820
PHONE : 217.373.8900
FAX : 217.373.8923

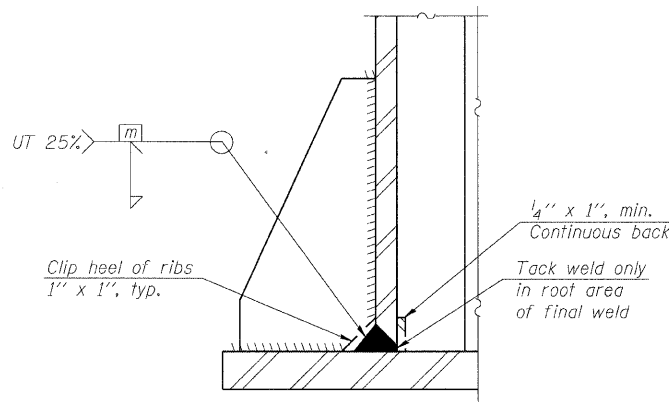
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DRAWN BY: SLD/AJP	DATE: 06/2008	
CHECKED BY: SLD		
APPROVED BY: TMW		



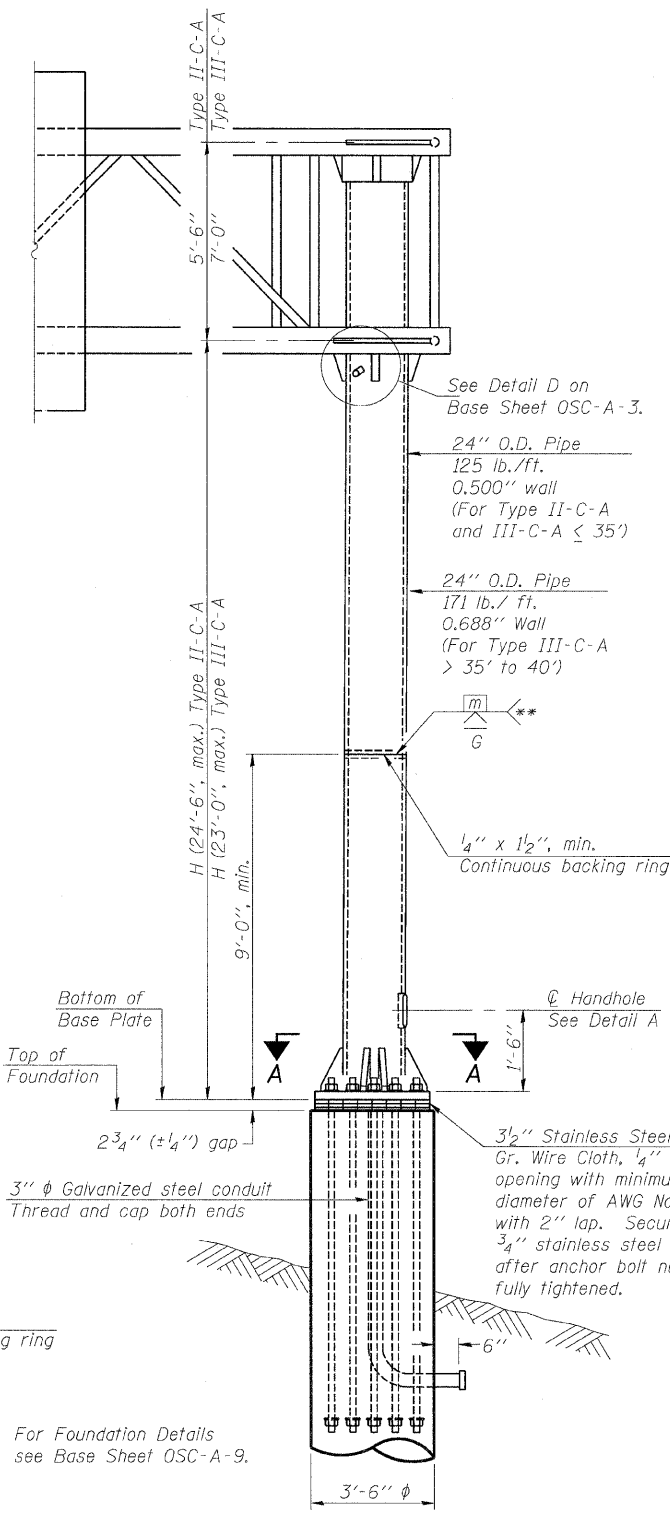
SECTION A-A



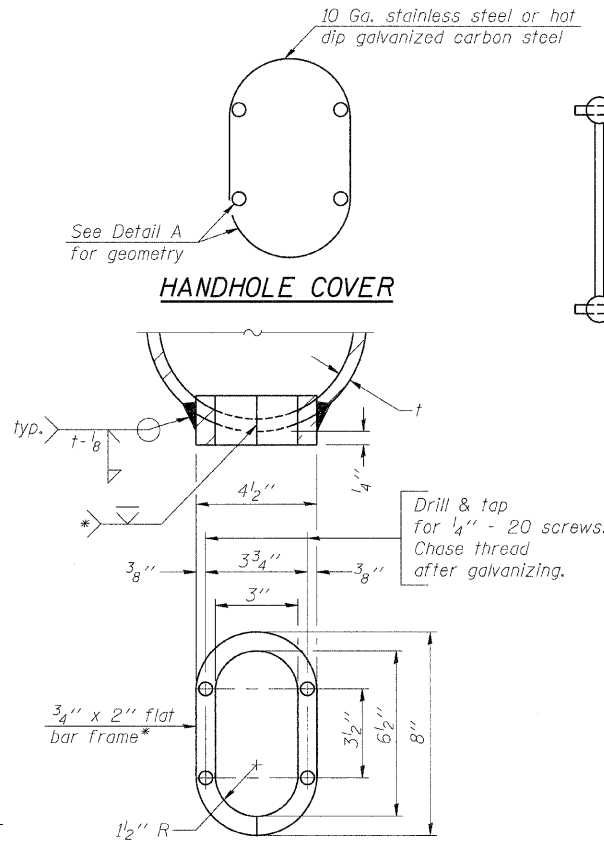
SECTION B-B



DETAIL B
(Typical rib)



FRONT ELEVATION

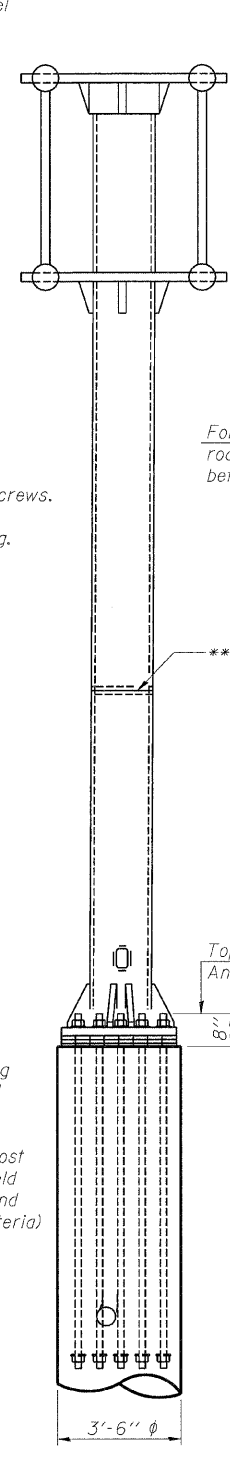


DETAIL A

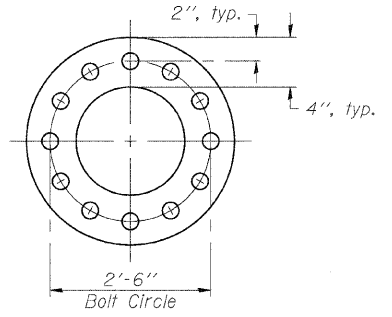
- * Bent bars may be butt welded top and bottom or bottom only. In lieu of fabricated handhole frame as shown, may cut from 2" plate (rolling direction vertical). All cut faces to be ground to ANSI Roughness of 500 μ in or less.
- ** Butt welded joint in post is only allowed for post heights (H) over 20 ft. in length. If used, weld procedure must be preapproved by Engineer and joint shall receive 100% RT or UT (tension criteria) at Contractor's expense.

Structure Number	Station	H
1C0991057L335.4	1366+16.50	22'-7"
1C0991057L336.0	1393+40	22'-11"

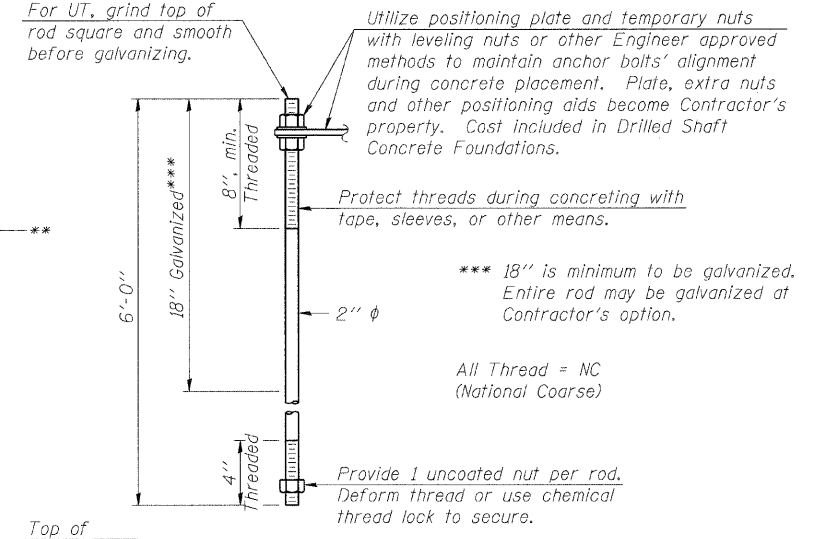
Note: "H" based on 15'-0" or actual sign height, whichever is greater.



SIDE ELEVATION



SUGGESTED POSITIONING PLATE



ANCHOR ROD DETAIL

Anchor rods shall conform to AASHTO M314 Grade 55 and meet Charpy V-Notch (CVN) energy of 15 lb.-ft. at 10° F. before galvanizing. Galvanize the upper 18" (minimum) and associated M291, Grade A, C or DH heavy hex nuts and hardened washers per AASHTO M232. No welding shall be permitted on rods. Provide an unfinished nut at bottom, a hexagon locknut and washer above base plate and a leveling nut and washer below base plate. Nuts shall each be tightened with 200 lb.-ft. minimum torque against base plate. Before or after threading, but before galvanizing, each anchor rod shall be ultrasonically tested (UT) by a Level II or III inspector, qualified in accord with ANSI guidelines, using a straight beam, 1/2" ϕ 3.5 mhz. transducer, to insure no rejectable flaws exist in the upper 18" (tension criteria). Cost of testing included in Drilled Shaft Concrete Foundations.

**CANTILEVER SIGN STRUCTURES
TYPE II-C-A & III-C-A TRUSS SUPPORT
POST. ALUMINUM TRUSS & STEEL POST**

MANHATTAN-MONEE ROAD (CH-6)
OVER I-57
F.A. I-57 SEC. 99(1&2) R 3&9-1HB-1-BR2
WILL COUNTY STA. 14037+43.90
STRUCTURE NUMBER 099-4647

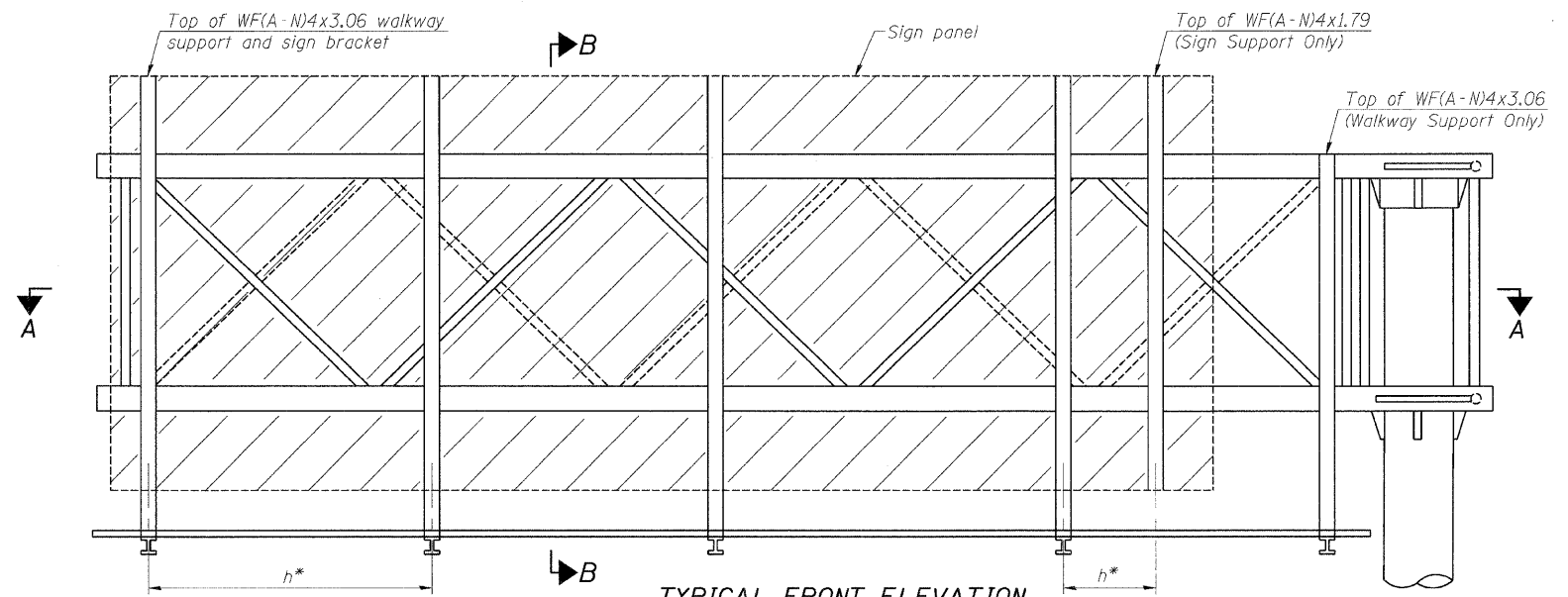
DESIGN FIRM REGISTRATION
No. 184-000450
Clark Dietz
ENGINEERS
1817 SOUTH NEIL STREET
SUITE 100
CHAMPAIGN, IL 61820
PHONE : 217.373.8900
FAX : 217.373.8923

NOTE: DIMENSIONAL DATA IS NOT TO BE OBTAINED BY SCALING ANY PORTION OF THIS DRAWING.

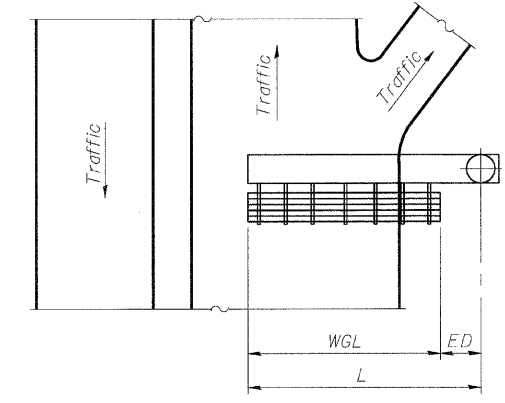
DESIGNED BY: SLD PROJECT NO: 102230
DRAWN BY: SLD/AJP DATE: 05/22/08
CHECKED BY: SLD
APPROVED BY: TMW
ACTIVITY INITIALS

DRAWING NUMBER
OSC-5a

NUMBER	REVISION	DATE



TYPICAL FRONT ELEVATION
With lights and handrail omitted for clarity.

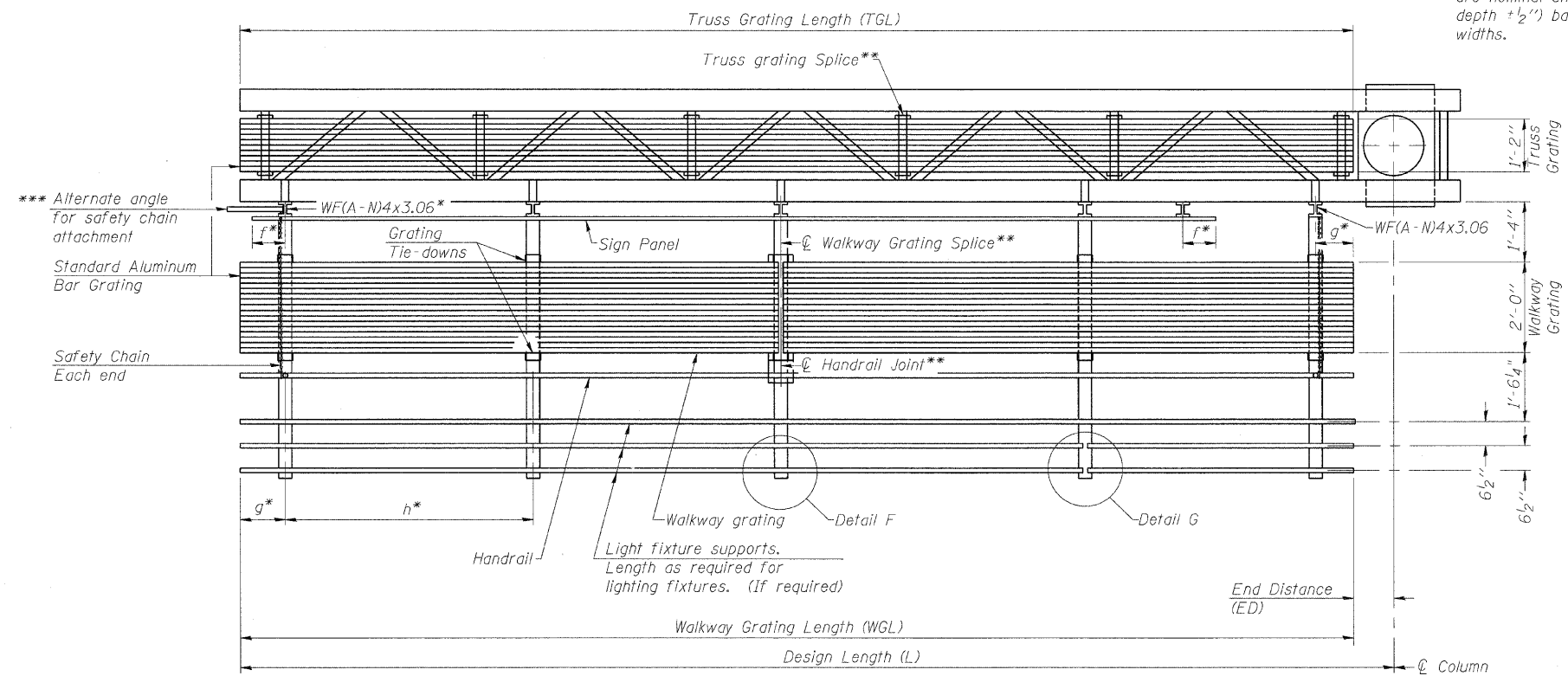


PLAN WALKWAY AND HANDRAIL SKETCH
(Road plan beneath truss varies)

Walkway and truss grating dimensions are nominal and may vary (width ±1/2", depth ±1/2") based on available standard widths.

Structure Number	Station	WGL	ED	TGL
IC0991057L335.4	1366+16.50	21'-8"	1'-10"	23'-6"
IC0991057L336.0	1393+40	21'-8"	1'-10"	23'-6"
IC0991057L336.5	1419+80	22'-4"	1'-6"	23'-10"

Notes:
 * Space walkway brackets WF(A-N)4x3.06 and sign brackets WF(A-N)4x1.79 for efficiency and within limits shown:
 f = 12" maximum, 4" minimum (End of sign to center of nearest bracket)
 g = 12" maximum, 4" minimum (End of walkway to center of nearest bracket)
 h = 6'-0" maximum (center to center sign and/or walkway support brackets, WF(A-N)4x1.79 or WF(A-N)4x3.06)
 *** If walkway bracket at safety chain location is behind sign, add angle to bracket. See alternate safety chain attachment on base sheet OSC-A-8.
 For details of sign placement, sign/walkway brackets, truss and walkway gratings, grating splices and Section B-B, see Base Sheet OSC-A-7.
 For details of handrail, handrail joint, safety chain and Details F and G, see Base Sheet OSC-A-8.



SECTION A-A

Truss grating to facilitate inspection shall run full length of cantilevers. Cost of truss grating is included in Overhead Sign Structure Cantilever.
 Handrail and walkway grating shall span a minimum of three brackets between splices.
 ** Use and location of handrail joints or grating splices are optional, based on lengths needed and material availability.

$$TGL = L - \left(\frac{\text{Post O.D.}}{2} + 6' \right)$$

NUMBER	REVISION	DATE

BRACKET TABLE

Sign Width		Number Brackets Required
Greater Than	Less Than or Equal To	
	8'-0"	2
8'-0"	14'-0"	3
14'-0"	20'-0"	4
20'-0"	26'-0"	5
26'-0"	32'-0"	6

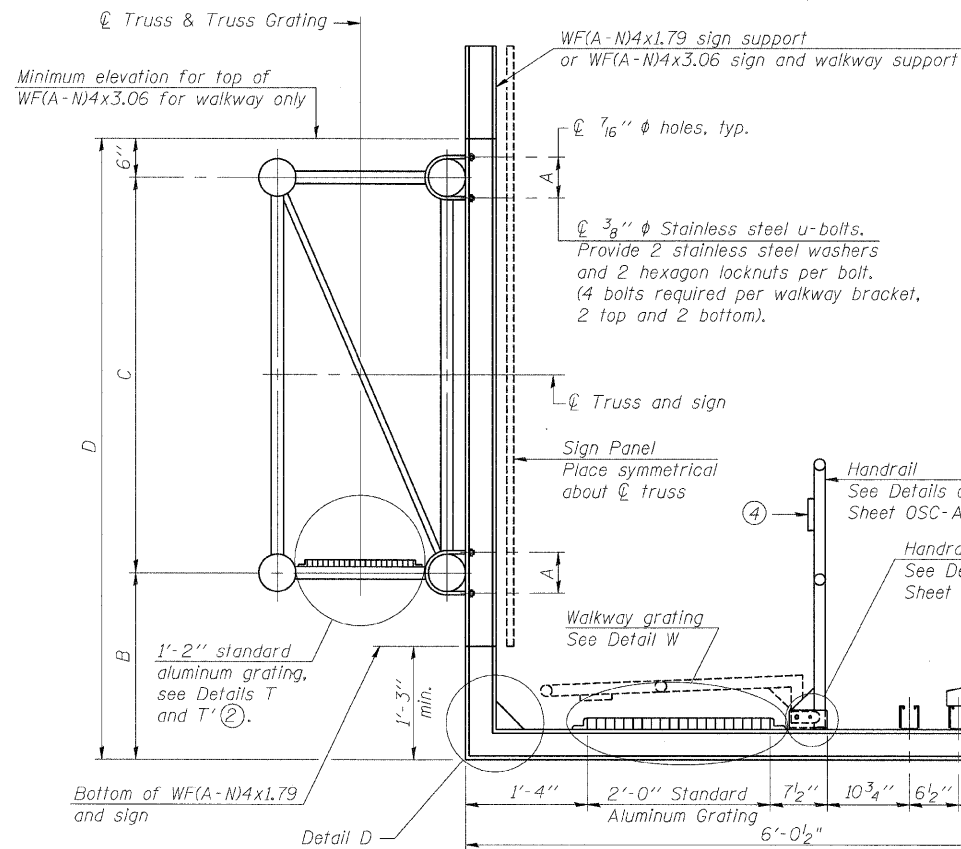
**CANTILEVER SIGN STRUCTURES
 ALUMINUM WALKWAY DETAILS
 ALUMINUM TRUSS & STEEL POST**
 MANHATTAN-MONEE ROAD (CH-6)
 OVER I-57
 F.A. I-57 SEC. 99(I&2) R 3&9-IHB-1-BR2
 WILL COUNTY STA.14037+43.90
 STRUCTURE NUMBER 099-4647



DESIGN FIRM REGISTRATION
 No. 184-000450
 1817 SOUTH NEIL STREET
 SUITE 100
 CHAMPAIGN, IL 61820
 PHONE : 217.373.8900
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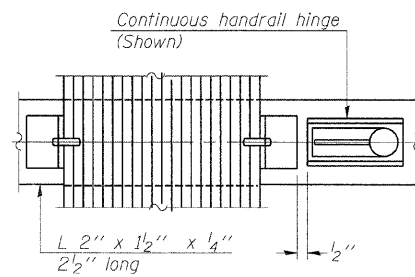
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 DESIGNED BY: SLD PROJECT NO: 102230
 DRAWN BY: SLD/AJP DATE: 06/2008
 CHECKED BY: SLD
 APPROVED BY: TMW
 ACTIVITY INITIALS

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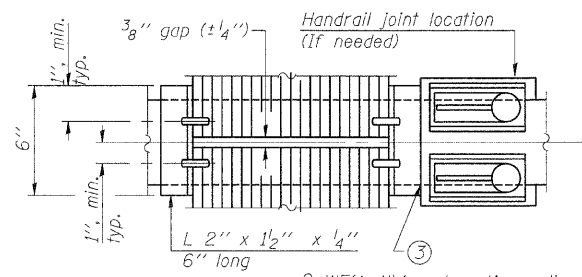


SECTION B-B

Sign shall be even with the top of the bracket, but it may extend no more than 6" above the top of the bracket for field adjustments.

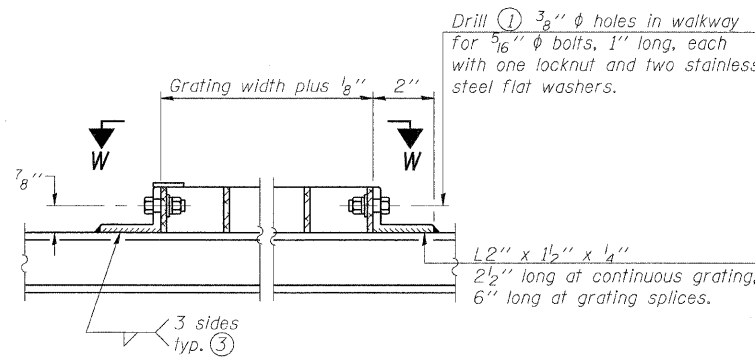


(CONTINUOUS WALKWAY GRATING)

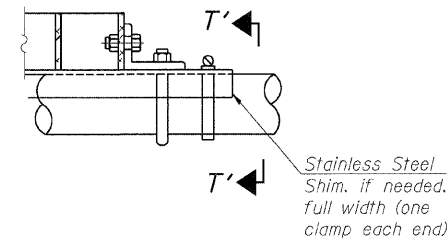


(AT WALKWAY GRATING SPLICE)

SECTION W-W

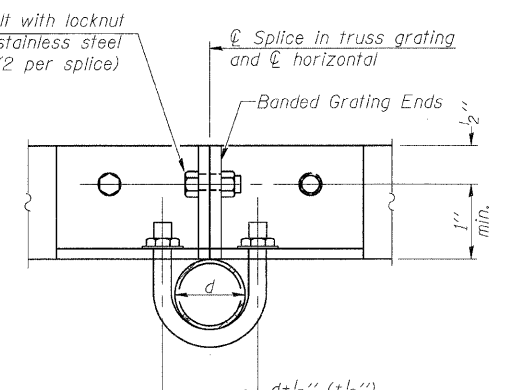


DETAIL W
(Walkway grating)

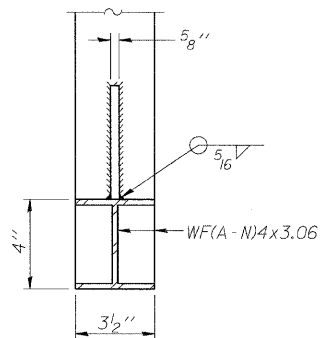


DETAIL T'

(Truss grating splice)
Details not shown same as Detail T.
Alternate materials may be used subject to the Engineer's review and approval.

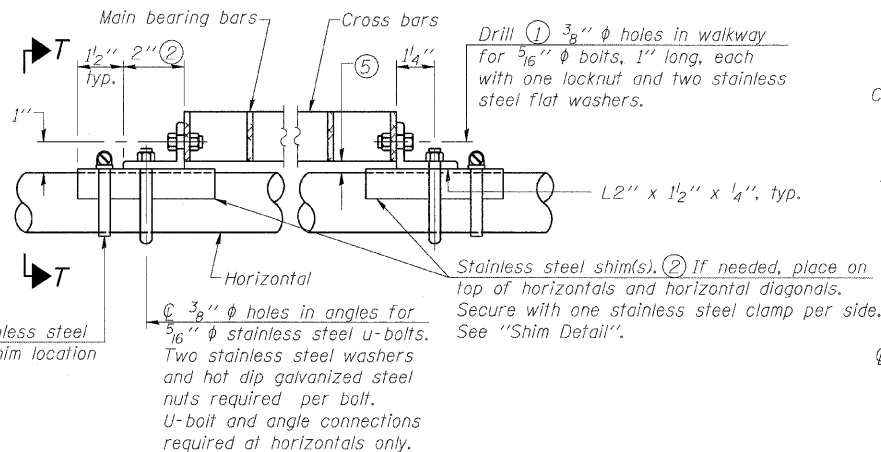


SECTION T'-T'



SECTION D-D

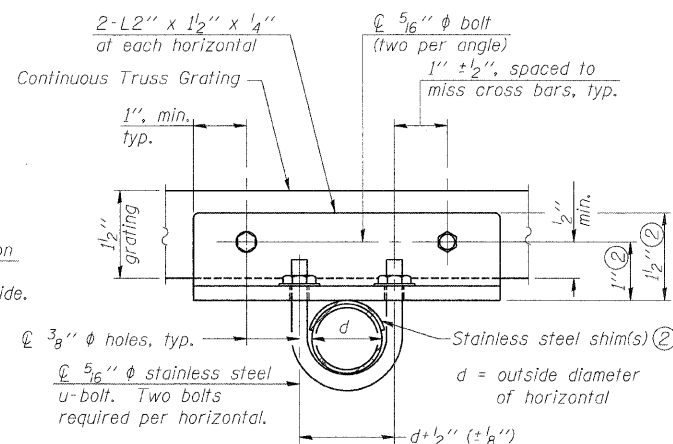
Screw type stainless steel tube clamp at shim location



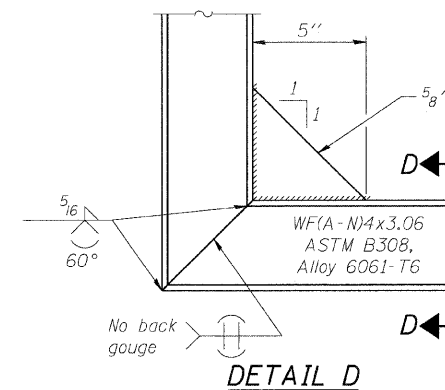
DETAIL T

(Continuous Truss grating)

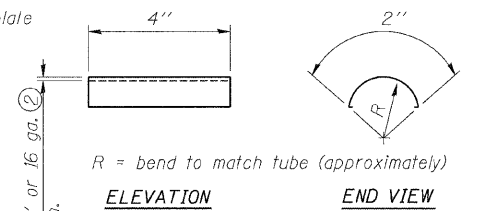
- Drilling holes in grating may be done in shop or field, based on Contractor's preference and subject to accurate alignment.
- Stainless steel shims shall be placed as shown in Detail T if needed to compensate for alignment variations between horizontal and diagonal pipes beyond adjustment provided by angles. Thicker shims may be used subject to shims performing properly.
- If Handrail Joint present, weld angle to WF(A-N)4 and 1/4 inch extension bars. (See Base Sheet OSC-A-8.)
- 1/8 inch x 1/2 inch x 2 inch welded to handrail posts to protect locations that contact grating.
- Tube to grating gap may vary from 0 to 1/2 inch, max. to align walkway, allow for camber, etc.



SECTION T-T



DETAIL D



SHIM DETAIL

NUMBER	REVISION	DATE

Structure Number	Station	A	B	C	D
1C0991057L 335.4	1366+16.50	5 1/2"	6'-6"	4'-6"	11'-6"
1C0991057L 336.0	1393+40	5 1/2"	6'-6"	4'-6"	11'-6"
1C0991057L 336.5	1419+80	5 1/2"	6'-6"	4'-6"	11'-6"

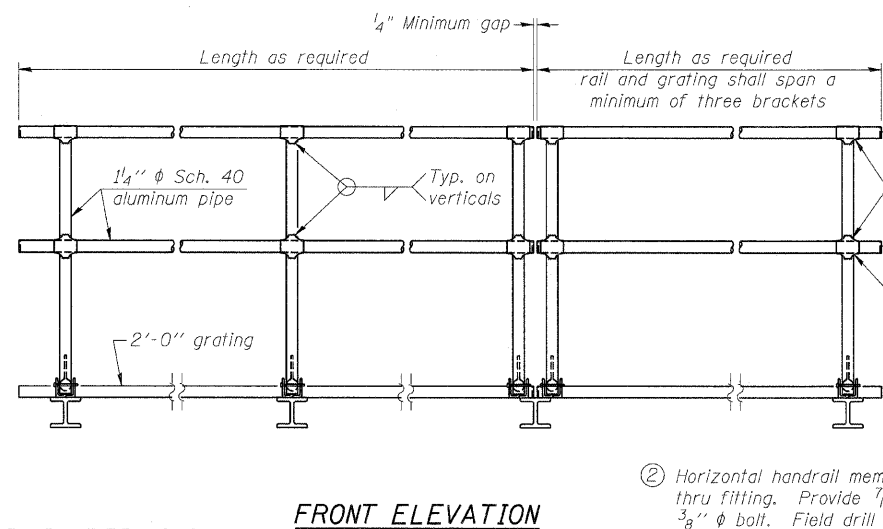
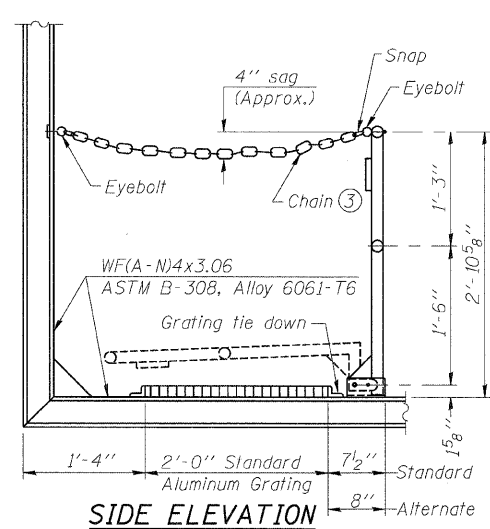
**CANTILEVER SIGN STRUCTURES
WALKWAY DETAILS
ALUMINUM TRUSS & STEEL POST**
MANHATTAN-MONEE ROAD (CH-6)
OVER I-57
F.A. I-57 SEC. 99(I&2) R 3&9-IHB-1-BR2
WILL COUNTY STA.14037+43.90
STRUCTURE NUMBER 099-4647

Clark Dietz
ENGINEERS
DESIGN FIRM REGISTRATION
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CHAMPAIGN, IL 61820
PHONE : 217.373.8900
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DRAWN BY: SLD/AJP	DATE: 05/20/08
CHECKED BY: SLD	
APPROVED BY: TMW	
ACTIVITY: INITIALS	

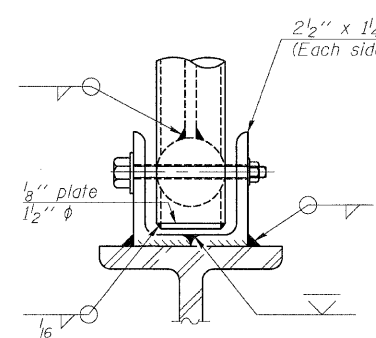
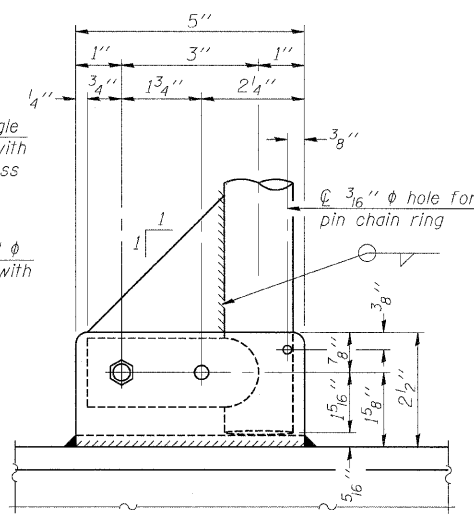
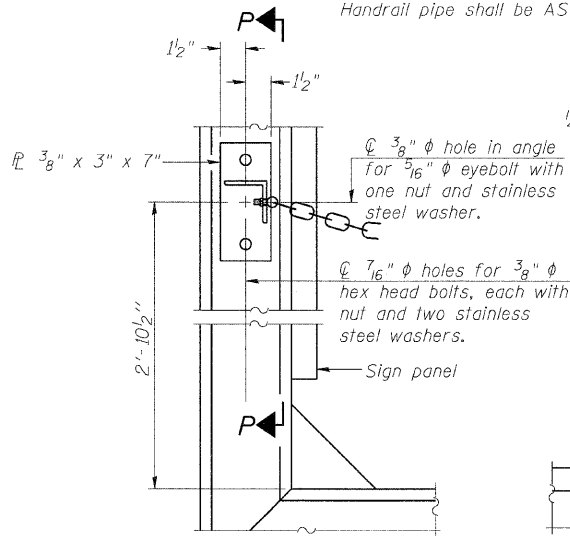
DRAWING NUMBER
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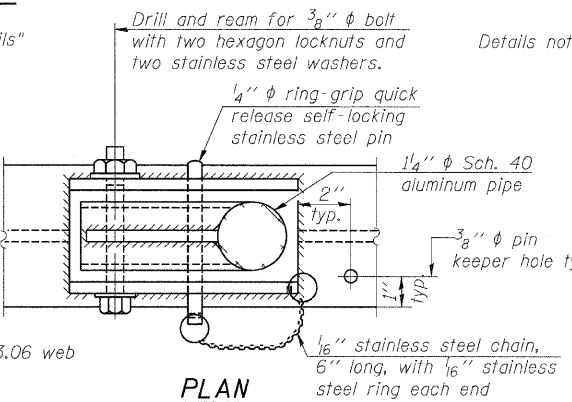
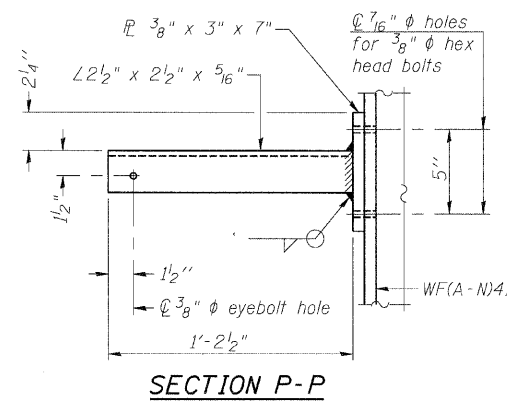
HANDRAIL DETAILS

Handrail pipe shall be ASTM B241 or B429, Alloy 6063-T6 or Alloy 6061-T6.

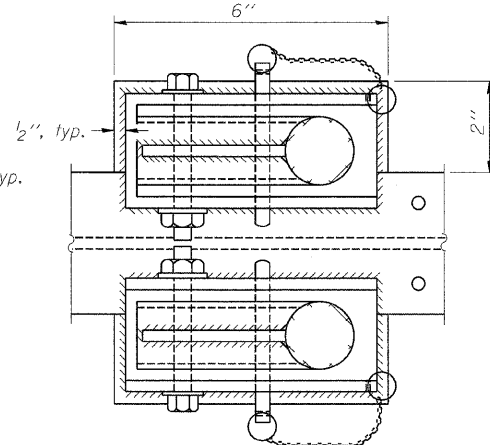
- ① Install standard force-fit end caps or weld 1/8" end plates with 1/8" c.f.w. and grind smooth. (All rail ends)
- ② Horizontal handrail member shall be continuous thru fitting. Provide 7/16" hole in fitting for 3/8" bolt. Field drill 1/16" hole in horizontal rail member. Provide locknut and two stainless steel washers for bolt. (Use 5/16" eyebolts in 7/16" holes on top rail at ends only.)



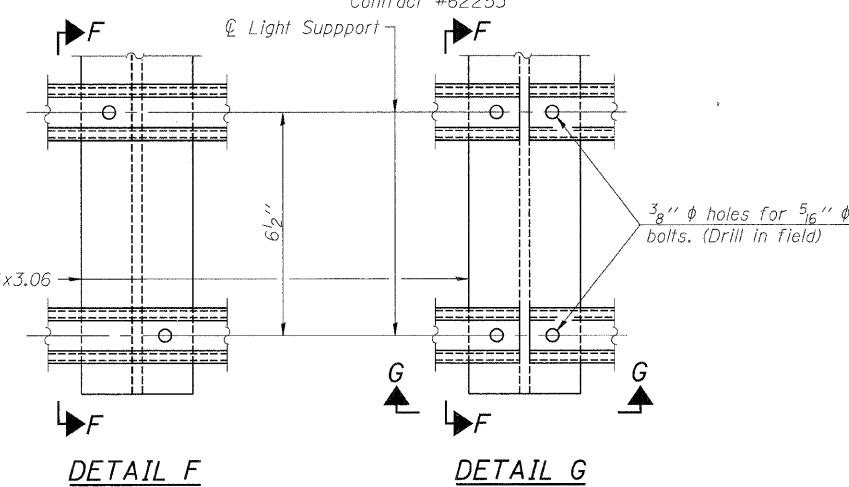
SECTION P-P



PLAN AT HANDRAIL JOINT

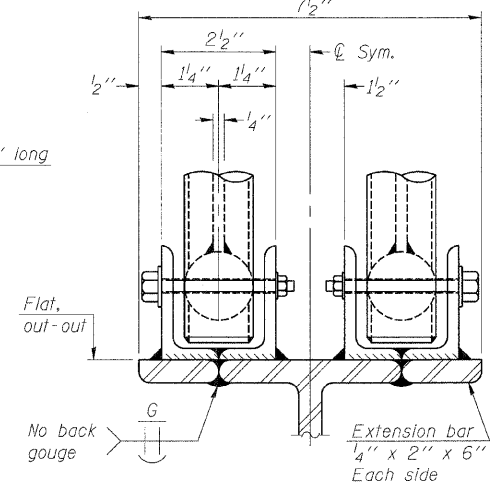


NUMBER	REVISION	DATE

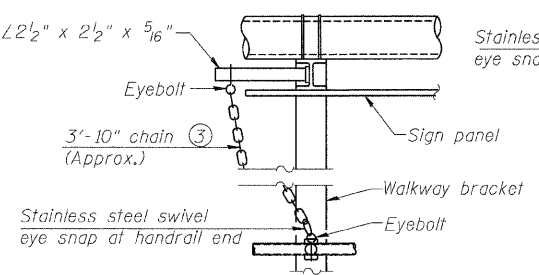


SECTION F-F LIGHTING FIXTURE MOUNTS (IF REQUIRED)

- ⑤ Field cut ends of light support channels shall be free of burrs or hazardous projections and coated with zinc-rich primer or equivalent.



SAFETY CHAIN



ALTERNATE SAFETY CHAIN ATTACHMENT

- ③ 3/16" Type 304L stainless steel chain, approximately 12 links per foot.
- ④ Extrusions may be used in lieu of the details shown, with approval of the Engineer.

CANTILEVER SIGN STRUCTURES HANDRAIL DETAILS ALUMINUM TRUSS & STEEL POST
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OSC-8