

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED
HIGHWAY PLANS

F.A.U. ROUTE 3537 U.S. ROUTE 20 (LAKE ST.)
AT YORK ROAD, I-290 & WALNUT ST TO YORK RD
SECTION (4Y & 22-3) R-2

INTERCHANGE RECONSTRUCTION,
TRAFFIC SIGNALS & LIGHTING
DUPAGE COUNTY

C-91-533-00

F.A.U. SHEET NO. 3537	SECTION (4Y & 22-3)R-2	COUNTY DUPAGE	TOTAL SHEETS 284	SHEET NO. 1
ILLINOIS CONTRACT NO. 62093				

D-91-533-00

FOR INDEX OF SHEETS, SEE SHEET NO. 2

DESIGN DESIGNATION

U.S. RTE. 20 (LAKE ST.) 2,660 (10) MINOR ARTERIAL 3.90 (P.C.C.-20)

TRAFFIC DATA

U.S. RTE. 20 (LAKE ST.)

1994 ADT = 22,500 EAST OF WALNUT ST. TO RAMP E.
 1994 ADT = 12,400 WEST OF YORK STREET
 2010 ADT = 26,000 EAST OF WALNUT ST. TO RAMP E.
 2010 ADT = 16,000 WEST OF RAMP F
 2010 ADT = 14,000 EAST OF YORK STREET.

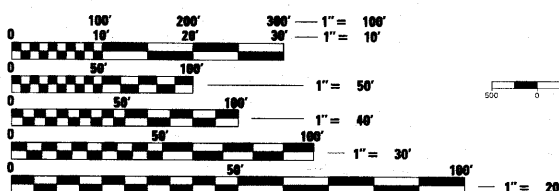
POSTED SPEED = 45 MPH
 DESIGN SPEED = 45 MPH

YORK STREET

1994 ADT = 20,500 SOUTH OF U.S. RTE. 20 (LAKE ST.)
 1994 ADT = 27,000 NORTH OF U.S. RTE. 20 (LAKE ST.)
 2010 ADT = 23,000 SOUTH OF U.S. RTE. 20 (LAKE ST.)
 2010 ADT = 29,000 NORTH OF U.S. RTE. 20 (LAKE ST.)

POSTED SPEED = 30 MPH
 DESIGN SPEED = 30 MPH

PROJECT IS LOCATED IN:
CITY OF ELMHURST



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
OR 811

DISTRICT ONE - DESIGN
PROJECT MANAGER: ISAAC KWARTENG (847) 705-4230
PROJECT ENGINEER: ALIX BRICE (847) 705-4552

CONTRACT NO. 62093

LIMIT OF CONSTRUCTION RAMP E
 STA. 0+00.00 (RAMP E) =
 STA. 355+65.00 (US ROUTE 20)

LIMIT OF CONSTRUCTION RAMP "E"
 STA. 10+00

LIMIT OF CONSTRUCTION RAMP "F"
 STA. 14+00.00

LIMIT OF CONSTRUCTION YORK ROAD
 STA. 46+31.00

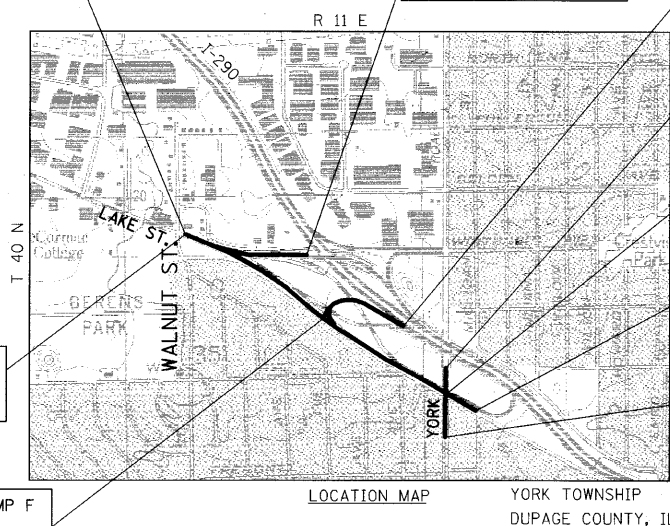
STA. EQUATION
 C STA. 44+48.92 (YORK ROAD) =
 C STA. 385+14.09 (US ROUTE 20)

END PROJECT
 STA. 388+51.08
 LAKE STREET

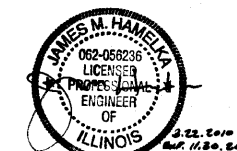
LIMIT OF CONSTRUCTION
 STA. 40+08.00
 YORK ROAD

BEGIN PROJECT
 STA. 355+65.00
 LAKE STREET

LIMIT OF CONSTRUCTION RAMP F
 STA. 1+00.00 (RAMP F) =
 STA. 367+70.00 (US ROUTE 20)



GROSS LENGTH = 3286.083 FT. = 0.622 MILE
 NET LENGTH = 3286.083 FT. = 0.622 MILE



COLLINS ENGINEERS
 123 North Wacker Drive
 Suite 300
 Chicago, IL 60606
 (312) 704-0300
 www.collinseng.com
 ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184-008993
 JAMES M. HAMELKA, P.E.
 NO. 062-056236
 EXP. 11-30-2011



LIN ENGINEERING, LTD.
 Consulting Engineers

576 OAKMONT LANE
 WESTMONT, IL 60559
 (630) 323-5168
 (630) 323-5174 FAX
 FRED M. LIN, P.E.
 NO. 062-056704
 EXP. 11-30-2011
 EROSION CONTROL SHEETS

B.G. Gandhi, 3/22/2010, Exp. 11/30/2011
GANDHI AND ASSOCIATES, INC.
 ENGINEERS AND PLANNERS
 6035 N. NORTHWEST HIGHWAY
 CHICAGO, IL 60631
 (773) 774-5910
 (773) 774-3815 FAX
 P.K. GANDHI, P.E.
 NO. 062-34993
 EXP. 11-30-2011
 SIGNAL SHEETS
 LIGHTING SHEETS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED March 23 2010
Don [Signature]
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

December 10 2010
Scott E. Stitt, P.E.
 acting ENGINEER OF DESIGN AND ENVIRONMENT

December 10 2010
Christine M. Reed
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

STATE STANDARDS INCLUDED

GENERAL NOTES

NO.	TITLE
000001-05	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
420001-07	PAVEMENT JOINTS
420101-04	7.2 m (24') HINGE-JOINTED PCC PAVEMENT
420106-04	10.8m (36') HINGE-JOINTED PCC PAVEMENT
420111-02	PCC PAVEMENT ROUNDOUTS
420201-07	ENTRANCE RAMP TERMINAL - JOINTED PCC RAMP ADJACENT TO JOINTED PCC MAINLINE PAVEMENT
424001-05	CURB RAMPS FOR SIDEWALK
442201-03	CLASS C AND D PATCHES
483001-04	PCC SHOULDER
542301-02	PRECAST REINFORCED CONCRETE FLARED END SECTION
542311-01	GRATING FOR CONCRETE FLARED END SECTION FOR 600 MM (24") THRU 1300 MM (54") PIPE
601001-03	SUB-SURFACE DRAINS
601101-01	CONCRETE HEADWALL FOR PIPE DRAIN
602001-01	CATCH BASIN, TYPE A
602011-01	CATCH BASIN, TYPE C
602301-02	INLET, TYPE A
602401-02	MANHOLE, TYPE A
602406-03	MANHOLE TYPE A, 1800 MM (72") DIAMETER
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-03	FRAMES AND LIDS, TYPE 1
604006-04	FRAME AND GRATE, TYPE 3
604016-02	FRAME AND GRATE, TYPE 4
604036-02	GRATE, TYPE 8
604051-03	FRAME AND GRATE, TYPE 11
604091-02	FRAME AND GRATE, TYPE 24
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606006-02	OUTLET FOR CONCRETE CURB AND GUTTER, TYPE B-15.60 (B-6.24)
606301-04	PC CONCRETE ISLANDS AND MEDIANS
606306-03	CORRUGATED PC CONCRETE MEDIANS
630001-08	STEEL PLATE BEAM GUARDRAIL
630201-06	PCC/HOT-MIX ASPHALT STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301-05	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-06	TRAFFIC BARRIER TERMINAL, TYPE 2
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
664001-02	CHAIN LINK FENCE
701011-02	OFF-ROAD MOVING OPERATIONS, 2L 2W, DAY ONLY
701101-02	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24' (80 mm) FROM PAVEMENT EDGE
701201-03	LANE CLOSURE, 2L 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701206-02	LANE CLOSURE, 2L 2W, NIGHT ONLY, FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE, 2L 2W, MOVING OPERATIONS - DAY ONLY
701400-04	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-05	LANE CLOSURE, FREEWAY/EXPRESSWAY
701411-06	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS ≥ 45 MPH
701426-03	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS ≥ 45 MPH
701446-01	TWO LANE CLOSURE FREEWAY/EXPRESSWAY
701501-05	URBAN LANE CLOSURE, 2L, 2W UNDIVIDED
701502-03	URBAN LANE CLOSURE, 2L, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701601-06	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701602-04	URBAN LANE CLOSURE, MULTILANE 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-06	URBAN LANE CLOSURE, MULTILANE 2W WITH MOUNTABLE MEDIAN
701701-06	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-04	LANE CLOSURE, MULTILANE, 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES
704001-06	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS, AND DELINEATORS
729001-01	APPLICATION OF TYPES A & B METAL POSTS FOR SIGN AND MARKERS
814001-02	HANDHOLES
814006-02	DOUBLE HANDHOLES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
877001-04	MAST ARM ASSEMBLY AND POLE, 16' THROUGH 55', STEEL
880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
877011-04	MAST ARM ASSEMBLY AND POLE, 16' THROUGH 55', STEEL COMBINATION
878001-06	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT 1-800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. (A 48 HOUR NOTIFICATION IS REQUIRED)
- 10 FEET TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS & GUTTERS AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEM OF WORK SPECIFIED.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, THE CITY OF ELMHURST, AND DUPAGE COUNTY.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- INTENTIONALLY LEFT BLANK
- THE CITY OF ELMHURST MUNICIPAL CODE PROVIDES FOR CONSTRUCTION HOURS MONDAY TO SATURDAY FROM 7AM TO 6PM. THE CITY WOULD REQUEST NOTIFICATION PRIOR TO APPROVAL OF WORK OUTSIDE THESE HOURS.
- ON STATE STANDARD 483001 AGGREGATE SUBGRADE 12" SHALL BE USED AS THE IMPROVED SUBGRADE. THE ADDITIONAL THICKNESS OF AGGREGATE SUBGRADE UNDER THE SHOULDER SHALL BE INCLUDED IN THE COST PER SQUARE YARD OF "AGGREGATE SUBGRADE 12".
- ALL STORM SEWER CONNECTIONS WITH PIPES 27 INCHES DIAMETER AND SMALLER SHALL BE MADE WITH PRECAST "TEE" OR "WYE" PIPES. FOR PROPOSED STORM SEWER 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 NO BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST FOR THE STORM SEWERS.
- USE NO. 8 EPOXY-COATED TIE BARS CONFORMING TO ART. 1006.10(B)(2) OF THE STANDARD SPECIFICATIONS FOR LONGITUDINAL CONSTRUCTION JOINT GROUDED-IN-PLACE TIE BARS AS SHOWN ON STATE STANDARD 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.
- 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 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)
- BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE "BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- POROUS GRANULAR EMBANKMENT, SUBGRADE (PGES) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSUITABLE OR UNSTABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.03 AND THE IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE MATERIALS IS NOT ENCOUNTERED THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
- THE CONTRACTOR SHALL AT ALL TIMES MAKE PROVISIONS TO ACCOMMODATE ALL DRAINAGE SYSTEMS BY GRAVITY
- ALL WATER SHUTDOWNS SHALL TAKE PLACE BETWEEN THE HOURS OF 11 PM AND 6 AM ONLY. ALL SHUTDOWNS MUST BE REQUESTED BY THE CONTRACTOR 24 HOURS PRIOR TO THE SHUTDOWN. NO SHUTDOWN SHALL OCCUR WITHOUT CITY OF ELMHURST APPROVAL
- THE IRRIGATION SYSTEM LOCATED IN THE YORK STREET MEDIAN SHALL BE DISCONNECTED (IF NECESSARY) IN A MANNER THAT ALLOWS THE REST OF THE SYSTEM TO OPERATE PROPERLY AS SOON AS POSSIBLE THE CONTRACTOR SHALL REINSTALL/RECONNECT THE IRRIGATION SYSTEM TO THE CONDITION PRIOR TO CONSTRUCTION. PAYMENT FOR THIS WORK WILL BE INCLUDED IN THE COST OF BLOCK WALL RECONSTRUCTION.
- NOTE: ALL REFERENCES TO YORK ROAD SHALL BE CONSTRUED TO READ AS YORK STREET EXCEPT FOR SIGNING
- MANHOLES TO BE ADJUSTED SHOWN ON THE SUMMARY OF QUANTITIES ARE SANITARY TYPE. WORK TO BE DONE PER CITY OF ELMHURST STANDARDS.
- THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL ITEMS WHICH WILL NOT BE REMOVED. ANY DAMAGES DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE

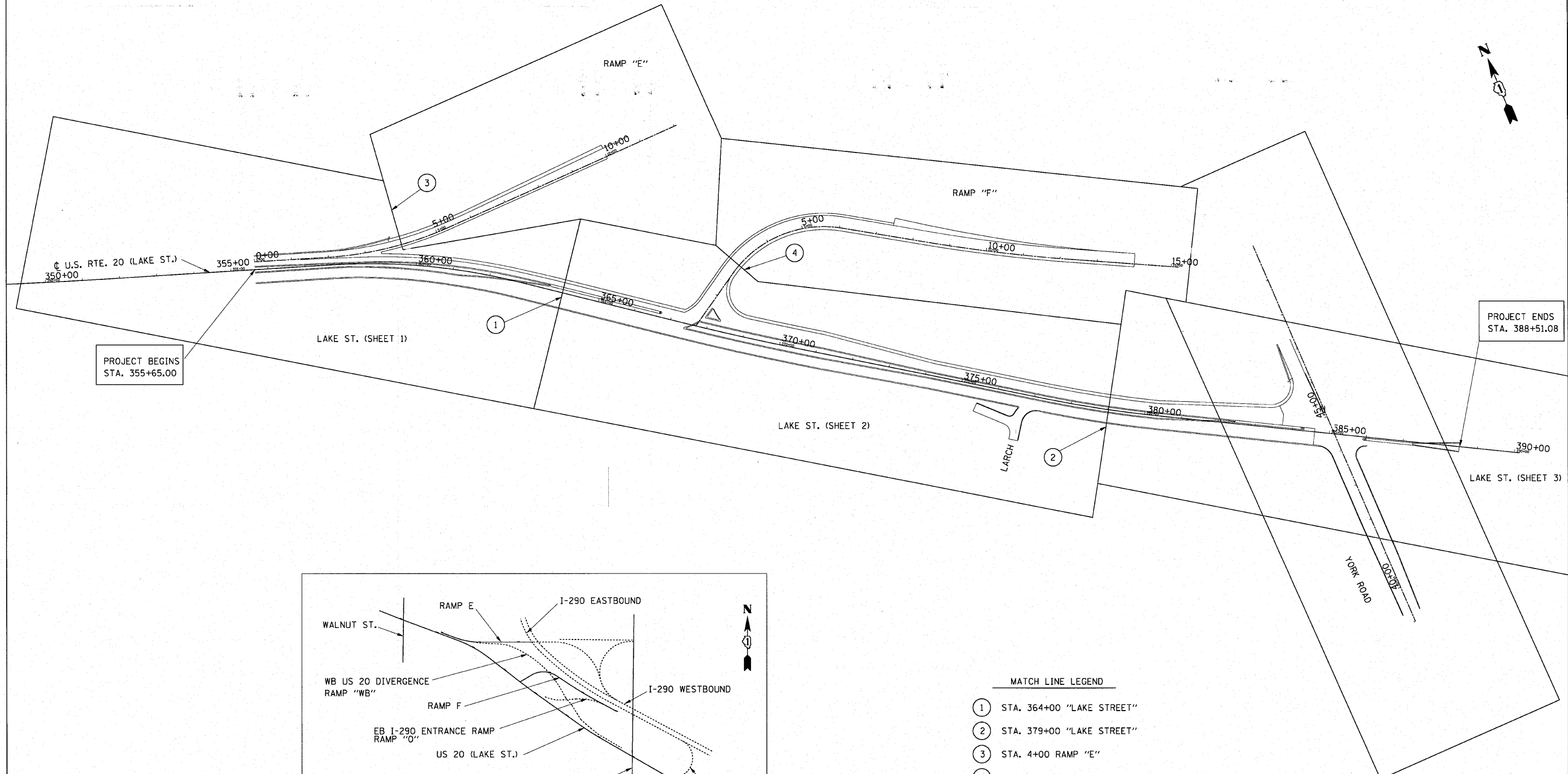
INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
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3	KEY LOCATION MAP
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14-34	TYPICAL SECTIONS
35-40	SCHEDULE OF QUANTITIES
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88-91	EROSION CONTROL PLAN (SWPP)
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112-114	JOINT DETAILS/SPECIAL DETAILS
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168-169	SUPERELEVATION DIAGRAMS
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172	ORNAMENTAL FENCE DETAIL
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190	LANDSCAPE BERM DETAILS
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194-195	BORING LOGS
196-214	TRAFFIC SYSTEMS CENTER DETAILS
215-233	DISTRICT DETAILS
234-284	CROSS SECTIONS
	HIGHWAY STANDARDS

COMMITMENTS

PRIOR TO INITIATION OF CONSTRUCTION, IDOT BUREAU OF CONSTRUCTION WILL COORDINATE WITH THE LOCAL EMERGENCY SERVICES TO INSURE CONTINUOUS SERVICE DURING THE CONSTRUCTION PHASE OF THE PROJECT.

FILE NAME = Index.dgn	USER NAME = Matt.Rempfer.IDOT.VB	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, COMMITMENTS	F.A.U. RTE. = 3537	SECTION = (4Y & 22-3R-2)	*COUNTY = DUPAGE	TOTAL SHEETS = 284	SHEET NO. = 2	
	PLOT SCALE = 1/2" = 100'-0" @ 11" x 17"	DRAWN - BLV	REVISED -			SCALE: NONE	SHEET NO. 2 OF SHEETS	STA. N/A	TO STA. N/A	FED. ROAD DIST. NO. =	ILLINOIS FED. AID PROJECT
	PLOT DATE = 4/12/2010	CHECKED - SRG	REVISED -								
		DATE = 1/18/10	REVISED -								

PLAN SHEET LAYOUT



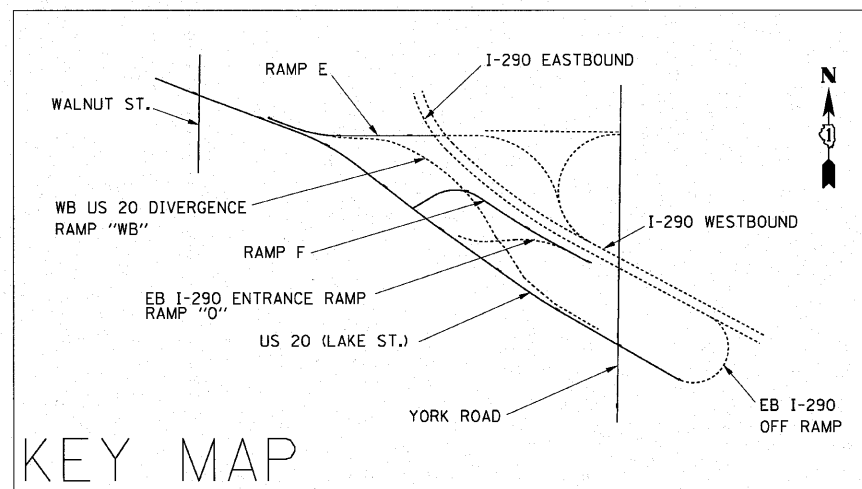
PROJECT BEGINS
STA. 355+65.00

LAKE ST. (SHEET 1)

LAKE ST. (SHEET 2)

PROJECT ENDS
STA. 388+51.08

LAKE ST. (SHEET 3)



KEY MAP

- MATCH LINE LEGEND
- ① STA. 364+00 "LAKE STREET"
 - ② STA. 379+00 "LAKE STREET"
 - ③ STA. 4+00 RAMP "E"
 - ④ STA. 3+00 RAMP "F"

FILE NAME = KEY.dgn	USER NAME = IDOT(eng)	DESIGNED -	REVISED -
		DRAWN - BLV	REVISED -
		CHECKED - SRG	REVISED -
		DATE - 1/18/10	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

KEY LOCATION MAP			
SCALE: N.T.S.	SHEET NO. 3 OF	SHEETS	STA. N/A TO STA. N/A

F.A.U. RTE. 3537	SECTION (4Y & 22-31R-2)	COUNTY DUPAGE	TOTAL SHEETS 284	SHEET NO. 3
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
CONTRACT NO. 62093				

Code No.	Item Description	UNIT	URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
				100% STATE		100% STATE		
				ROADWAY J000-2A	TRAFFIC SIGNAL Y031-IF	Y060 ELMHURST 100%	LIGHTING Y030-IE	TRAF SURV. Y032-IF
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	33	33				
40603240	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N 90	TON	408	408				
40603595	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N 90	TON	568	568				
42000506	PORTLAND CEMENT CONCRETE PAVEMENT, 10 1/4" (JOINTED)	SQ YD	24,461	24,461				
42001300	PROTECTIVE COAT	SQ YD	34,525	34,525				
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	287	287				
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	3,012	3,012				
44000100	PAVEMENT REMOVAL	SQ YD	29,615	29,615				
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	3,983	3,983				
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	341	341				
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	9,839	9,839				
44000600	SIDEWALK REMOVAL	SQ FT	2,875	2,875				
44002212	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 3"	SQ YD	201	201				
44003100	MEDIAN REMOVAL	SQ FT	19,817	19,817				
44004000	PAVED DITCH REMOVAL	FOOT	227	227				
44004250	PAVED SHOULDER REMOVAL	SQ YD	6,083	6,083				
44201741	CLASS D PATCHES, TYPE II, 8 INCH	SQ YD	11	11				
44201745	CLASS D PATCHES, TYPE III, 8 INCH	SQ YD	17	17				
44201747	CLASS D PATCHES, TYPE IV, 8 INCH	SQ YD	147	147				
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	1,778	1,778				
48101200	AGGREGATE SHOULDERS, TYPE B	TON	1,217	1,217				
48300505	PORTLAND CEMENT CONCRETE SHOULDERS, 10 1/4"	SQ YD	5,717	5,717				
50105220	PIPE CULVERT REMOVAL	FOOT	108	108				
50300225	CONCRETE STRUCTURES	CU YD	35	35				
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	1,632	1,632				
54001038	BOX CULVERT END SECTION, CULVERT NO. 38	EACH	1	1				
54010502	PRECAST CONCRETE BOX CULVERT 5' X 2'	FOOT	109	109				
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	5	5				
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1	1				
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	5	5				
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	987	987				

LOCATION OF WORK:
F.A.U. 3537 - U.S. 20 (LAKE STREET)
WALNUT STREET TO YORK STREET
DUPAGE COUNTY

* SPECIALITY ITEM

FILE NAME =
Quant_SHT_ALL.dgn

USER NAME = Matt Remper IDOT VB	DESIGNED -	REVISED -
PLOT SCALE = 50,000' / in.	DRAWN - DR	REVISED -
PLOT DATE = 4/23/2010	CHECKED - SRG	REVISED -
	DATE - 1/18/10	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET NO. 4 OF SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3537	4Y & 22-3R-2	DUPAGE	284	5
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 62093	

Code No.	Item Description	UNIT	URBAN TOTAL QUANTITIES	100% STATE		100% STATE		
				CONSTRUCTION TYPE CODE				
				ROADWAY J000-2A	TRAFFIC SIGNAL Y031-IF	Y060 ELMHURST 100%	LIGHTING Y030-IE	TRAF SURV. Y032-IF
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	246	246				
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	431	431				
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	433	433				
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	211	211				
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	146	146				
550A0400	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 18"	FOOT	506	506				
55034200	STORM SEWERS, TYPE 1, REINFORCED CONCRETE ELLIPTICAL PIPE, SPAN 23, RISE 14	FOOT	506	506				
55039700	STORM SEWERS TO BE CLEANED	FOOT	100	100				
55100400	STORM SEWER REMOVAL 10"	FOOT	53	53				
55100500	STORM SEWER REMOVAL 12"	FOOT	882	882				
55100700	STORM SEWER REMOVAL 15"	FOOT	502	502				
56109210	WATER VALVES TO BE ADJUSTED	EACH	5			5		
56400100	FIRE HYDRANTS TO BE MOVED	EACH	3			3		
56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	5			5		
60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	13	13				
60107600	PIPE UNDERDRAINS 4"	FOOT	3,166	3,166				
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	241	241				
60207105	CATCH BASINS, TYPE C, TYPE 3 FRAME AND GRATE	EACH	1	1				
60207205	CATCH BASINS, TYPE C, TYPE 4 FRAME AND GRATE	EACH	1	1				
60207905	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	EACH	3	3				
60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	EACH	5	5				
60214000	RESTRICTED DEPTH CATCH BASINS, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	7	7				
60214714	RESTRICTED DEPTH CATCH BASINS, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	12	12				
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1				
60224500	RESTRICTED DEPTH MANHOLES, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	3	3				
60224600	RESTRICTED DEPTH MANHOLES, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2				
60225100	RESTRICTED DEPTH MANHOLES, 4'-DIAMETER, TYPE 8 GRATE	EACH	5	5				
60225300	RESTRICTED DEPTH MANHOLES, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1				
60225900	RESTRICTED DEPTH MANHOLES, 5'-DIAMETER, TYPE 8 GRATE	EACH	2	2				
60226200	RESTRICTED DEPTH MANHOLES, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	4				
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	7	7				
60255500	MANHOLES TO ADJUSTED	EACH	5	1		4		

LOCATION OF WORK:
F.A.U. 3537 - U.S. 20 (LAKE STREET)
WALNUT STREET TO YORK STREET
DUPAGE COUNTY

* SPECIALITY ITEM

FILE NAME =
Quant_SHT_ALL.dgn

USER NAME = Matt Ruppfor IDOT VB	DESIGNED -	REVISED -
PLOT SCALE = 50.0000 1/4" = 1'-0"	DRAWN - DR	REVISED -
PLOT DATE = 4/23/2010	CHECKED - SRG	REVISED -
	DATE - 1/18/10	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET NO. 4 OF SHEETS STA. N/A TO STA. N/A

F.A.U. RTE. 3537	SECTION (4Y & 22-3)R-2	COUNTY DUPAGE	TOTAL SHEETS 284	SHEET NO. 6
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 62093	

Code No.	Item Description	UNIT	URBAN TOTAL QUANTITIES	100% STATE		CONSTRUCTION TYPE CODE			100% STATE		
				ROADWAY	TRAFFIC SIGNAL	Y080	LIGHTING	TRAF SURV.	Y080	Y030-IE	Y032-IF
				J080-2A	Y031-IF	ELMHURST					
						100%					
60258000	MANHOLES TO BE RECONSTRUCTED (SPECIAL)	EACH	1	1							
60261540	INLETS TO BE ADJUSTED WITH NEW TYPE 24 FRAME AND GRATE	EACH	1	1							
60500040	REMOVING MANHOLES	EACH	3	3							
60500050	REMOVING CATCH BASINS	EACH	4	4							
60500060	REMOVING INLETS	EACH	14	14							
60500065	REMOVING INLETS, SPECIAL	EACH	5	5							
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	5	5							
60600605	CONCRETE CURB, TYPE B	FOOT	2,420	2,420							
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	2,764	2,764							
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	8,683	8,683							
60618320	CONCRETE MEDIAN SURFACE, 6 INCH	SQ FT	5,238	5,238							
60619600	CONCRETE MEDIAN, TYPE SB-6.12	SQ FT	91	91							
60620000	CONCRETE MEDIAN, TYPE SB-6.24	SQ FT	6,750	6,750							
* 63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	769	769							
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2	2							
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	2							
63200310	GUARDRAIL REMOVAL	FOOT	4,210	4,210							
66400305	CHAIN LINK FENCE, 6'	FOOT	5,828	5,828							
66407600	CHAIN LINK GATES, 6' X 12' DOUBLE	EACH	1	1							
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	1	1							
* 66900450	SPECIAL WASTE PLANS AND REPORT	L SUM	1	1							
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1							
67100100	MOBILIZATION	L SUM	1	1							
70101800	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1	0.8	0.1			0.1			
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	60	60							
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	6	6							
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	109	109							
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	12,895	12,895							
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	1,830	1,830							
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	45	45							
70300510	PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS	SQ FT	290	290							

LOCATION OF WORK:
F.A.U. 3537 - U.S. 20 (LAKE STREET)
WALNUT STREET TO YORK STREET
DUPAGE COUNTY

* SPECIALITY ITEM

FILE NAME *
Quant_SHT_ALL.dgn

USER NAME * Matt Rempler 100T V8	DESIGNED -	REVISED -
PLOT SCALE * 50.0000' / 1" =	DRAWN - DR	REVISED -
PLOT DATE * 5/7/2010	CHECKED - SRG	REVISED -
	DATE - 1/18/10	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE: N.T.S.	SHEET NO. 4 OF	SHEETS	STA. N/A TO STA. N/A

F.A.U. RTE. 3537	SECTION 4Y & 22-31R-2	COUNTY DUPAGE	TOTAL SHEETS 284	SHEET NO. 7
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 62093

Code No.	Item Description	UNIT	URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
				100% STATE		100% STATE		
				ROADWAY J000-2A	TRAFFIC SIGNAL Y031-IF	Y080 ELMHURST 100%	LIGHTING Y030-IE	TRAF SURV. Y032-IF
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	37,707	37,707				
70300530	PAVEMENT MARKING TAPE, TYPE III 5"	FOOT	855	855				
70300540	PAVEMENT MARKING TAPE, TYPE III 6"	FOOT	3,260	3,260				
70300550	PAVEMENT MARKING TAPE, TYPE III 8"	FOOT	550	550				
70300570	PAVEMENT MARKING TAPE, TYPE III 24"	FOOT	132	132				
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	16,068	16,068				
70400100	TEMPORARY CONCRETE BARRIER	FOOT	800	800				
70400200	TEMPORARY CONCRETE BARRIER/RELOCATE	FOOT	800	800				
70500100	TEMPORARY STEEL PLATE BEAM GUARDRAIL, TYPE A	FOOT	335	335				
70500615	TEMPORARY TRAFFIC BARRIER TERMINAL, TYPE 1	EACH	1	1				
* 72000100	SIGN PANEL - TYPE 1	SQ FT	22		22			
* 72000200	SIGN PANEL - TYPE 2	SQ FT	25		25			
* 72000300	SIGN PANEL - TYPE 3	SQ FT	712	712				
* 72400100	REMOVE SIGN ASSEMBLY - TYPE A PANEL	EACH	31	31				
* 72400200	REMOVE SIGN ASSEMBLY - TYPE B PANEL	EACH	4	4				
* 72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	144	144				
* 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	1	1				
* 72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	4,169	4,169				
* 72900100	METAL POST - TYPE A	FOOT	406	406				
* 72900200	METAL POST - TYPE B	FOOT	978	978				
* 73400100	CONCRETE FOUNDATIONS	CU YD	15	15				
* 73600100	REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	1	1				
* 73700100	REMOVE GROUND - MOUNTED SIGN SUPPORT	EACH	3	3				
* 73700200	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	3	3				
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	109	109				
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	1,661	1,661				
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	907	907				
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	753	753				
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	473	473				
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	173	173				
* 78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	447	447				

LOCATION OF WORK:
F.A.U. 3537 - U.S. 20 (LAKE STREET)
WALNUT STREET TO YORK STREET
DUPAGE COUNTY

* SPECIALITY ITEM

FILE NAME =
Quant_SHT_ALL.dgn

USER NAME = Matt Remper IDOT VB
PLOT SCALE = 50.0000' / 1" in.
PLOT DATE = 5/6/2010

DESIGNED -
DRAWN - DR
CHECKED - SRG
DATE - 1/18/10

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET NO. 4 OF SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3537	(4Y & 22-3)R-2	DUPAGE	284	8
CONTRACT NO. 62093				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

Code No.	Item Description	UNIT	URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
				100% STATE		100% STATE		
				ROADWAY J000-2A	TRAFFIC SIGNAL Y031-IF	Y000 ELMHURST 100%	LIGHTING Y030-IE	TRAF SURV. Y032-IF
* 83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	3				3	
* 84100110	REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	5				5	
* 84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	2				2	
* 84400205	RELOCATE EXISTING LIGHT TOWER	EACH	7				7	
* 85000100	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	WEEK	2		2			
* 85700205	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	2		2			
* 86400100	TRANSCEIVER-FIBER OPTIC	EACH	2		2			
* 87000150	ELECTRIC CABLE ASSEMBLY IN CONDUIT, 600V (EPR-TYPE ITC) 3/C NO. 6 AND NO. 8 GROUND	FOOT	618					618
* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	457		457			
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,736		1,736			
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	3,316		3,316			
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2,234		2,234			
* 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	2,862		2,862			
* 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	34		34			
* 87302245	ELECTRIC CABLE AERIAL SUSPENDED, SIGNAL, NO. 14 5C	FOOT	165		165			
* 87302255	ELECTRIC CABLE AERIAL SUSPENDED, SIGNAL, NO. 14 7C	FOOT	230		230			
* 87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	5		5			
* 87502490	TRAFFIC SIGNAL POST, GALVANIZED STEEL 15 FT.	EACH	1		1			
* 87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	2		2			
* 87700150	STEEL MAST ARM ASSEMBLY AND POLE, 22 FT.	EACH	1		1			
* 87700180	STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	2		2			
* 87700230	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	1		1			
* 87700240	STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	1		1			
* 87700260	STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.	EACH	1		1			
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	32		32			
* 87800150	CONCRETE FOUNDATION, TYPE C	FOOT	8		8			
* 87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	45		45			
* 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	45		45			
* 87900200	DRILL EXISTING HANDHOLE	EACH	1		1			
* 88030010	SIGNAL HEAD, LED, 1-FACE, 1-SECTION, MAST-ARM MOUNTED	EACH	2		2			
* 88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	8		8			

LOCATION OF WORK:
F.A.U. 3537 - U.S. 20 (LAKE STREET)
WALNUT STREET TO YORK STREET
DUPAGE COUNTY

* SPECIALITY ITEM

FILE NAME =
Quant_SHT_ALL.dgn

USER NAME = Matt Rampfer IDOT V8
PLOT SCALE = 50.0000 1/1 in.
PLOT DATE = 5/6/2010

DESIGNED -
DRAWN - DR
CHECKED - SRG
DATE - 1/18/10

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET NO. 4 OF SHEETS STA. N/A TO STA. N/A

F.A.U. RTE. 3537	SECTION (4Y & 22-31R-2)	COUNTY DUPAGE	TOTAL SHEETS 284	SHEET NO. 10
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 62093	

Code No.	Item Description	UNIT	URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
				100% STATE		100% STATE		
				ROADWAY J000-2A	TRAFFIC SIGNAL Y031-IF	Y080 ELMHURST 100%	LIGHTING Y030-IE	TRAF SURV. Y032-IF
* 88030030	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, SPAN WIRE MOUNTED	EACH	1		1			
* 88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3		3			
* 88030070	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	1		1			
* 88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	4		4			
* 88030120	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, SPAN WIRE MOUNTED	EACH	2		2			
* 88030210	SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2		2			
* 88030220	SIGNAL HEAD, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1		1			
* 88030240	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	1		1			
* 88030250	SIGNAL HEAD, LED, 2-FACE, 1-4 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	1		1			
* 88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4		4			
* 88200100	TRAFFIC SIGNAL BACKPLATE	EACH	14		14			
* 88500100	INDUCTIVE LOOP DETECTOR	EACH	12		12			
* 88600100	DETECTOR LOOP, TYPE 1	FOOT	626		626			
* 88700200	LIGHT DETECTOR	EACH	4			4		
* 88700300	LIGHT DETECTOR AMPLIFIER	EACH	2			2		
* 88800100	PEDESTRIAN PUSH-BUTTON	EACH	4		4			
* 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1		1			
* 89500510	CABINET HOUSING EQUIPMENT REMOVAL	EACH	1					1
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2		2			
* 89502380	REMOVE EXISTING HANDHOLE	EACH	17		17			
* 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	8		8			
* 5422D018	PIPE CULVERTS, CLASS D, TYPE 2 18" (TEMPORARY)	FOOT	320	320				
* A2005016	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2" CALIPER, BALLED AND BURLAPPED	EACH	31	31				
* A2002916	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2" CALIPER, BALLED AND BURLAPPED	EACH	50	50				
* A2006818	TREE, QUERCUS SCHUETTI (SWAMP BUR OAK), 1 3/4" CALIPER, BALLED AND BURLAPPED	EACH	19	19				
* B2001666	TREE, CRATAEGUS CRUSGALLI INERMIS (THORNLESS COCKSPUR HAWTHORN), 6' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED	EACH	34	34				
X0300057	MANHOLES, TYPE A, 6-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	2	2				
X0301728	CONCRETE COLLAR, SPECIAL	EACH	1	1				
Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	177	177				
* X0322141	REMOVE TEMPORARY WOOD POLE	EACH	20				20	
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	348	348				

LOCATION OF WORK:
F.A.U. 3537 - U.S. 20 (LAKE STREET)
WALNUT STREET TO YORK STREET
DUPAGE COUNTY

* SPECIALITY ITEM

FILE NAME =
Quant_SHT_ALL.dgn

USER NAME = Matt Rampfor IDOT V8

DESIGNED -

DRAWN - DR

CHECKED - SRG

DATE - 1/18/10

REVISED -

REVISED -

REVISED -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET NO. 4 OF SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3537	(4Y & 22-3)R-2	DUPAGE	284	11
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 62093	

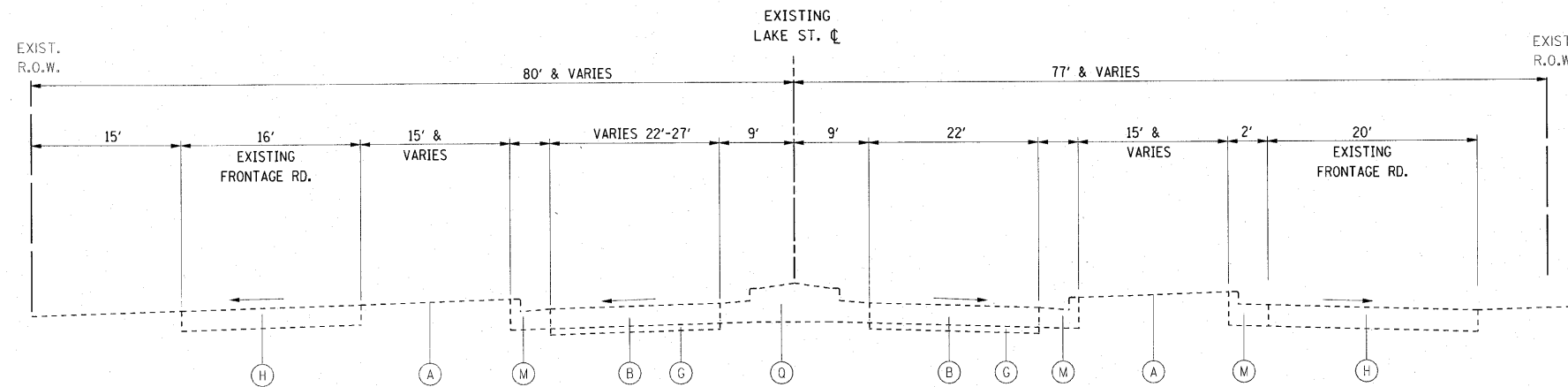
Code No.	Item Description	UNIT	QUANTITY	CONSTRUCTION TYPE CODE				
				100% STATE		100% STATE		
				ROADWAY J000-2A	TRAFFIC SIGNAL Y031-IF	Y000 ELMHURST 100%	LIGHTING Y030-IE	TRAF SURV. Y032-IF
* 84200804	REMOVAL OF POLE FOUNDATION	EACH	8				8	
* X8620020	UNINTERRUPTIBLE POWER SUPPLY	EACH	2		2			
* X8710020	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	4,011		4,011			
* X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	3,399		3,399			
* X8730250	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	820			820		
* X8850102	INDUCTION LOOP	FOOT	53					53
* X8900040	MODIFY TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1		1			
XX001249	ORNAMENTAL FENCE	FOOT	800			800		
* XX003418	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 4,2C	FOOT	1,401		1,401			
* XX006037	GROUND ROD, 5/8" DIA. X 10 FT.	EACH	42				42	
* XX007049	SHRUB, RHUS COPALLINA PRAIRIE FLAME (PRAIRIE FLAME SHINING SUMAC), 2' HEIGHT, 5 GAL CONTAINER	EACH	150	150				
Z0001050	AGGREGATE SUBGRADE 12"	SQ YD	33,558	33,558				
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1				
Z0018500	DRAINAGE STRUCTURE TO BE CLEANED	EACH	2	2				
Z0022800	FENCE REMOVAL	FOOT	4,000	4,000				
Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	15	15				
Z0070000	TRAINEES	HOURLY						
* X8216295	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 150 ^{WATT} (INSTALL ONLY)	EACH	4			4		
* X8216290	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 50 ^{WATT} (INSTALL ONLY)	EACH	12			12		
* X0327006	ROADWAY LIGHT POLE, INSTALL ONLY	EACH	4			4		
* X0327007	PEDESTRIAN LIGHT POLE, INSTALL ONLY	EACH	4			4		
X0327003	BLOCKWALL RECONSTRUCT	L SUM	1	1				
* X0327004	TEMPORARY WOOD POLE, 60 FT., CLASS 4	EACH	20				20	
* X8160415	UNIT DUCT, 600V, ^{WITH} 1/2" NO. 6, 3-1/2" NO. 2 AND 1/2" NO. 6 GROUND, 2" DIA. POLYETHYLENE	FOOT	329				329	
* X0327005	BREAKER, MAIN	EACH	2				2	
* X8420500	REMOVAL OF LIGHT TOWER, SALVAGE	EACH	1				1	
A2002008	TREE, AESCULUS FLAVEA (YELLOW SWEET BUCKEYE), 2" CALIPER, BALLED AND BURLAPPED	EACH	34				34	
A2007666	TREE, TAXODIUM DISTICHUM (COMMON BALD CYPRESS), 6" HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	35				35	
A2006416	TREE, QUERCUS ALBA (WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	15				15	
A2006516	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	29				29	
A2006616	TREE, QUERCUS IMBRICARIA (SHINGLE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	44				44	
A2006716	TREE, QUERCUS MACROCARPA (BUR OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	72				72	
A2005032	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 6" HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	18				18	
B2005466	TREE, PRUNUS VIRGINIANA SCHUBERT (SCHUBERT CHOKEBERRY), 6" HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	26				26	
B2006364	TREE, SYRINGA RETICULATA IVORY SILK (IVORY SILK JAPANESE TREE LILAC), 5' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	110				110	
C2005936	SHRUB, RHUS GLABRA (SMOOTH SUMAC), 3' HEIGHT, BALLED AND BURLAPPED	EACH	700				700	
D2002472	EVERGREEN, PINUS FLEXILIS VANDERWOLF'S PYRAMID (VANDERWOLF'S PYRAMID LIMBER PINE), 6' HEIGHT, BALLED AND BURLAPPED	EACH	65				65	
D2002772	EVERGREEN, PINUS NIGRA (AUSTRIAN PINE), 6' HEIGHT, BALLED AND BURLAPPED	EACH	40				40	

LOCATION OF WORK:
F.A.U. 3537 - U.S. 20 (LAKE STREET)
WALNUT STREET TO YORK STREET
DUPAGE COUNTY

* SPECIALITY ITEM

EXISTING LEGEND

- A** GROUND LINE
- B** PORTLAND CEMENT CONCRETE PAVEMENT, VARIES 8"
- G** STABILIZED SUB-BASE, 4'-6" AND VARIES
- H** HOT-MIX ASPHALT PAVEMENT-FULL DEPTH
- M** COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- Q** CONCRETE MEDIAN TYPE SB6.24



EXISTING TYPICAL SECTION
U.S. ROUTE 20 (LAKE STREET)
STA. 354+00 TO STA. 355+65

PROPOSED LEGEND

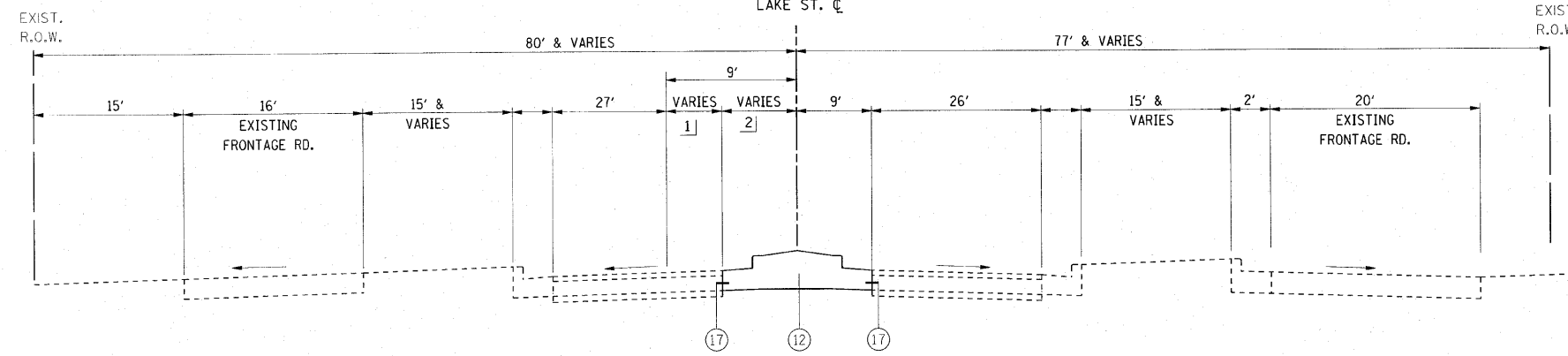
- 12** CONCRETE MEDIAN, TYPE SB-6.24
- 17** LONGITUDINAL CONSTRUCTION JOINT WITH #8 TIE BARS, 24" LONG, EPOXY COATED, DEFORMED, 24" O.C., DRILL & GROUT

NOTES:
COST OF ALL BOXED ITEMS IS INCLUDED IN THE CONCRETE MEDIAN, TYPE SB-6.24 PAY ITEM.

CONTRACTOR SHALL PATCH BEFORE MILLING

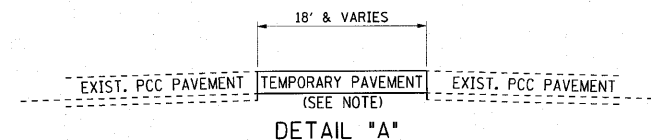
HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ Ndes
PAVEMENT RESURFACING - US 20	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N 90 (IL 9.5 mm), 1.75"	4% @ 90 Gyr.
LEVELING BINDER (MACHINE METHOD), N 70, 1.5"	4% @ 70 Gyr.
PAVEMENT RESURFACING - YORK ROAD	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N 90 (IL 9.5 mm), 1.75"	4% @ 90 Gyr.
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19, N 90, 2.25"	4% @ 90 Gyr.
PAVEMENT - LARCH AVENUE	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N 90 (IL 9.5 mm), 1.75"	4% @ 90 Gyr.
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19, N 90, 2.25"	4% @ 90 Gyr.
HOT-MIX ASPHALT BASE COURSE, 4 1/2" (HMA BINDER IL-19 mm)	4% @ 50 Gyr.
PAVEMENT - FRONTAGE ROAD	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N 90 (IL 9.5 mm), 1.75"	4% @ 90 Gyr.
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19, N 90, 2.25"	4% @ 90 Gyr.
HOT-MIX ASPHALT BASE COURSE, 4 1/2" (HMA BINDER IL-19 mm)	4% @ 50 Gyr.
PAVEMENT WIDENING - US 20	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N 90 (IL 9.5 mm), 1.75"	4% @ 90 Gyr.
LEVELING BINDER (MACHINE METHOD), N 70, 1.5"	4% @ 70 Gyr.
PATCHING	
CLASS D PATCHES 8 INCH (HMA BINDER IL-19 mm)	4% @ 70 Gyr.
HOT-MIX ASPHALT REPLACEMENT OVER PATCHES (HMA BINDER IL-19 mm)	4% @ 70 Gyr.
TEMPORARY PAVEMENT, 10"	
HOT-MIX ASPHALT BASE COURSE, 8" (HMA BINDER IL-19mm)	4% @ 50 Gyr.
HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N 50 (IL 9.5 mm), 2"	4% @ 50 Gyr.



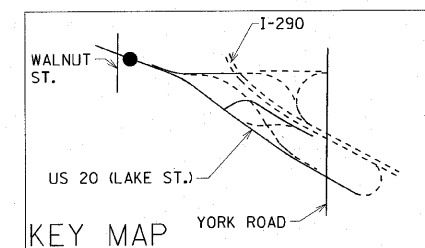
PROPOSED TYPICAL SECTION
U.S. ROUTE 20 (LAKE STREET)
STA. 354+00 TO STA. 355+65

- 1] VARIES 3.45' AT STA. 354+00 TO 0' AT STA. 355+20.67
0' AT STA. 355+20.67 TO 0' AT STA. 355+65
- 2] VARIES 5.55' AT STA. 354+00 TO 9.00' AT STA. 355+20.67
9.00' AT STA. 355+20.67 TO 9.00' AT STA. 355+65



TEMPORARY TYPICAL SECTION - DURING CONSTRUCTION
U.S. ROUTE 20 (LAKE STREET)
STA. 354+00 TO STA. 355+65

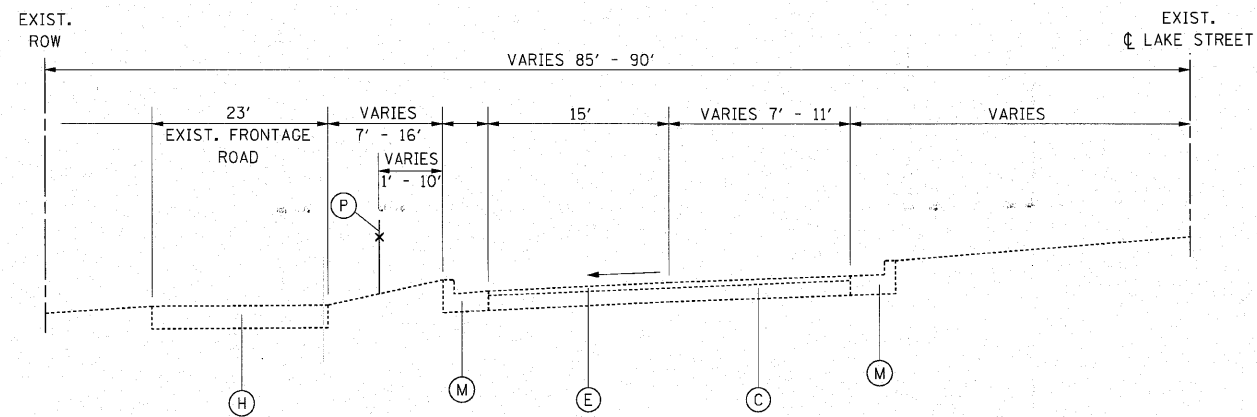
POROUS GRANULAR EMBANKMENT, SUBGRADE SUMMARY			
STATION LIMITS	DEPTH	UNSUIT. CUT	P.G.E.S.
375+25 TO 378+00	1.0 FT	510 CYD	510 CYD
		510 CYD	510 CYD



NOTE:
THE CONTRACTOR SHALL HAVE THE OPTION OF USING PCC PAVEMENT, 10" INSTEAD OF THE 8" HOT-MIX BASE ASPHALT COURSE AND 2" HOT-MIX ASPHALT SURFACE COURSE, SUBJECT TO THE ENGINEER'S/DEPARTMENT'S APPROVAL. NO ADDITIONAL COMPENSATION WILL BE ALLOWED IF THE CONTRACTOR ELECTS TO USE THE PCC PAVEMENT 10"

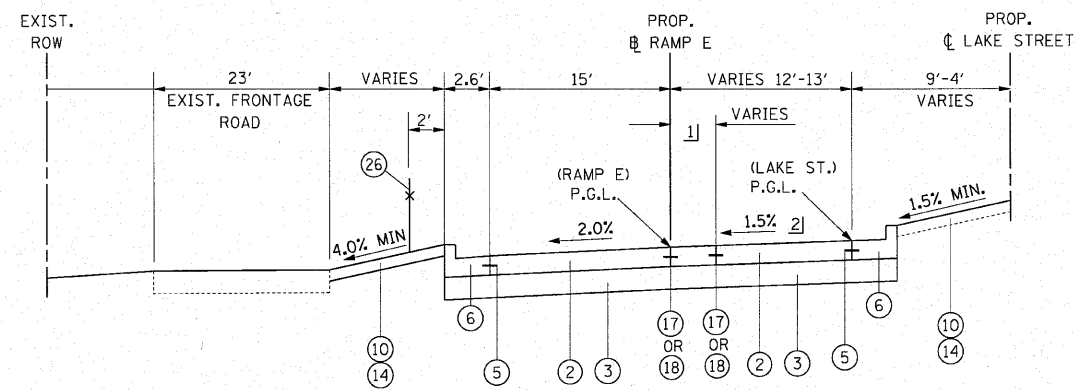
NOTES:
THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.
FOR PERCENT OF RAP, SEE DISTRICT ONE SPECIAL PROVISIONS.

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ/IN.



EXISTING TYPICAL SECTION I
RAMP E
STA. 0+00 TO STA. 1+95.34

- EXISTING LEGEND**
- C P.C.C. PAVEMENT, VARIES 8"-10"
 - E HOT-MIX ASPHALT CONCRETE SURFACE AND BINDER RESURFACING, 3" AND VARIES
 - H HOT-MIX ASPHALT PAVEMENT-FULL DEPTH
 - M COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - P CHAIN LINK FENCE

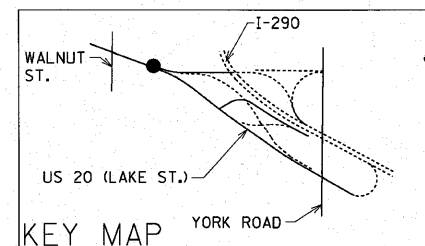


PROPOSED TYPICAL SECTION I
RAMP E
STA. 0+00 TO STA. 1+95.34

- PROPOSED LEGEND**
- 2 PORTLAND CEMENT CONCRETE PAVEMENT, 10 1/4" (JOINTED)
 - 3 AGGREGATE SUBGRADE, 12"
 - 5 #8 TIE BARS, 24" LONG, EPOXY COATED, DEFORMED, 24" O.C.
 - 6 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - 10 SEEDING, CLASS 2A
 - 14 TOPSOIL, FURNISH AND PLACE, 4"
 - 17 LONGITUDINAL CONSTRUCTION JOINT WITH #8 TIE BARS, 24" LONG, EPOXY COATED, DEFORMED, 24" O.C., DRILL & GROUT
 - 18 LONGITUDINAL SAWED JOINT WITH #6 TIE BARS, 30" LONG, EPOXY COATED, DEFORMED, 30" O.C.
 - 26 CHAIN LINK FENCE, 6'

NOTE:
COST OF ALL BOXED ITEMS IS INCLUDED IN THE PORTLAND CEMENT CONCRETE PAVEMENT, 10 1/4" (JOINTED) PAY ITEM.

1] VARIES 0.00' AT STA. 0+00 TO 2.90' AT STA. 1+95.34
2] SLOPE VARIES, SEE SUPERELEVATION TRANSITION DIAGRAM SHEET NO. 168 AND SPOT ELEVATION DETAILS SHEET NO. 112

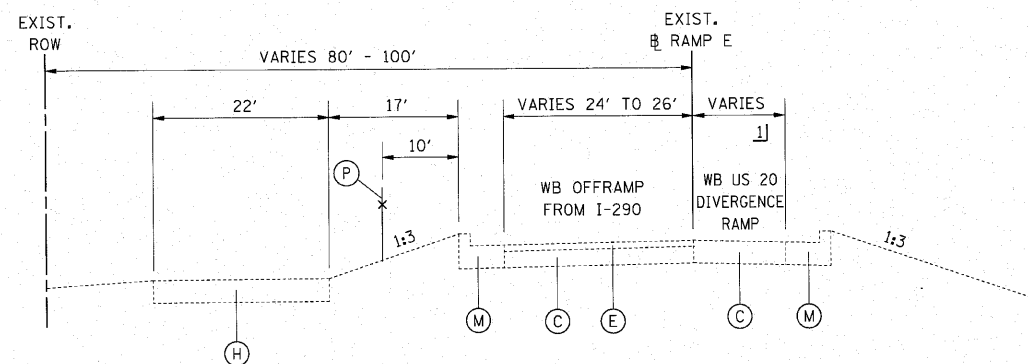


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		DRAWN - PRH	REVISED -
		CHECKED - SRG	REVISED -
		DATE - 1/18/10	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAMP "E"			
PROPOSED TYPICAL SECTION			
SCALE: N.T.S.	SHEET NO. 15 OF	SHEETS	STA. 0+00 TO STA. 1+95.34

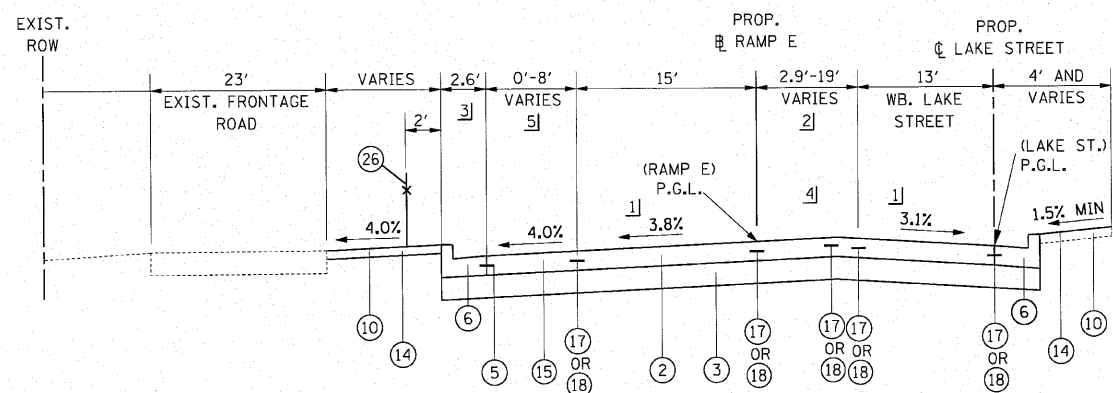
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3537	(4Y & 22-3R-2)	DUPAGE	284	15
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 62093	



EXISTING TYPICAL SECTION [2]
RAMP E
STA. 1+95.34 TO STA. 5+37.50

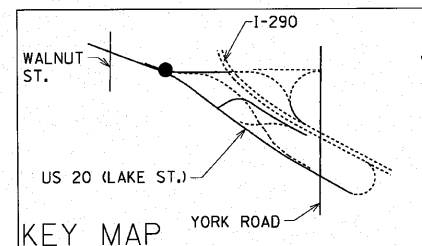
1] VARIES FROM 0' AT STA. 2+20.0 TO 12' AT STA 5+37.5'
EQUALS 0' FROM STA 1+95.34 TO STA. 2+20.0

- EXISTING LEGEND**
- (C) P.C.C. PAVEMENT, VARIES 8"-10"
 - (E) HOT-MIX ASPHALT CONCRETE SURFACE AND BINDER RESURFACING, 3" AND VARIES
 - (H) HOT-MIX ASPHALT PAVEMENT-FULL DEPTH
 - (M) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - (P) CHAIN LINK FENCE



PROPOSED TYPICAL SECTION [2]
RAMP E
STA. 1+95.34 TO STA. 5+37.50

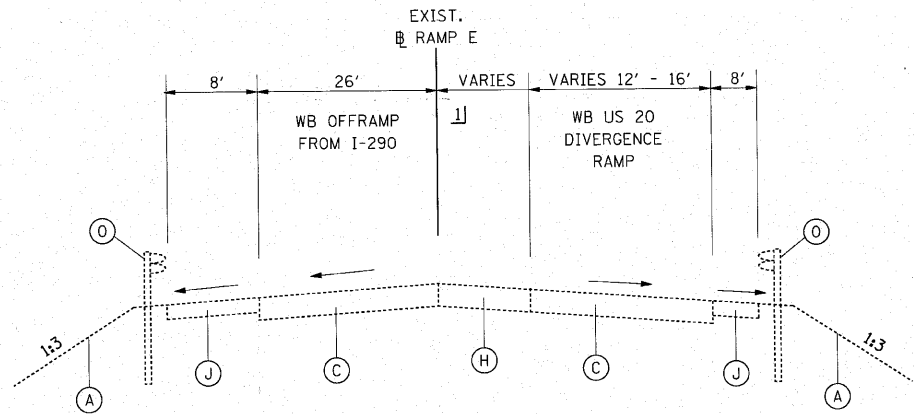
- PROPOSED LEGEND**
- (2) PORTLAND CEMENT CONCRETE PAVEMENT, 10 1/4" (JOINTED)
 - (3) AGGREGATE SUBGRADE, 12"
 - (5) #6 TIE BARS, 24" LONG, EPOXY COATED, DEFORMED, 24" O.C.
 - (6) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - (10) SEEDING, CLASS 2A
 - (14) TOPSOIL, FURNISH AND PLACE, 4"
 - (15) PORTLAND CEMENT CONCRETE SHOULDERS, 10 1/4"
 - (17) LONGITUDINAL CONSTRUCTION JOINT WITH #8 TIE BARS, 24" LONG, EPOXY COATED, DEFORMED, 24" O.C., DRILL & GROUT
 - (18) LONGITUDINAL SAWED JOINT WITH #6 TIE BARS, 30" LONG, EPOXY COATED, DEFORMED, 30" O.C.
 - (26) CHAIN LINK FENCE, 6'
- NOTE:
COST OF ALL BOXED ITEMS IS INCLUDED IN THE PORTLAND CEMENT CONCRETE PAVEMENT, 10 1/4" (JOINTED) PAY ITEM.



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		DRAWN - PRH	REVISED -
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		DATE - 1/18/10	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

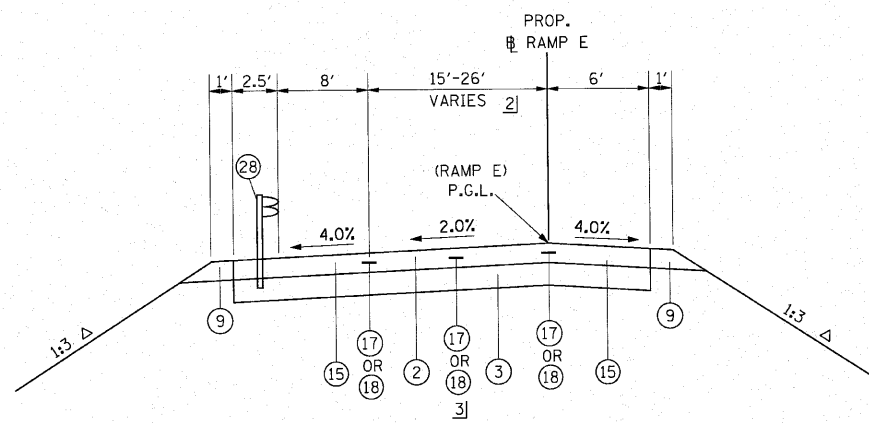
SCALE: N.T.S.		SHEET NO. 16 OF SHEETS		STA. 1+95.34 TO STA. 5+37.50	
RAMP "E" PROPOSED TYPICAL SECTION		F.A.U. RTE. 3537	SECTION (4Y & 22-3R-2)	COUNTY DUPAGE	TOTAL SHEETS 284
		CONTRACT NO. 62093		SHEET NO. 16	
		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			



- EXISTING LEGEND**
- (A) GROUND LINE
 - (C) P.C.C. PAVEMENT, VARIES 8"-10"
 - (H) HOT-MIX ASPHALT PAVEMENT- FULL DEPTH
 - (J) HOT-MIX ASPHALT SHOULDER
 - (O) GUARDRAIL

EXISTING TYPICAL SECTION [3]
RAMP E
STA. 5+37.50 TO STA. 10+00.00

1] VARIES FROM 0' AT STA. 5+67 "E" TO 18' AT STA 8+55
8' AT STA. 8+55 "E" TO STA. 10+00



- PROPOSED LEGEND**
- (2) PORTLAND CEMENT CONCRETE PAVEMENT, 10 1/4" (JOINTED)
 - (3) AGGREGATE SUBGRADE, 12"
 - (9) AGGREGATE SHOULDERS, TYPE B
 - (15) PORTLAND CEMENT CONCRETE SHOULDERS, 10 1/4"
 - (17) LONGITUDINAL CONSTRUCTION JOINT WITH #8 TIE BARS, 24" LONG, EPOXY COATED, DEFORMED, 24" O.C., DRILL & GROUT
 - (18) PROP. LONGITUDINAL SAWED JOINT WITH #6 TIE BARS, 30" LONG, EPOXY COATED, DEFORMED, 30" O.C.
 - (28) STEEL PLATE BEAM GUARD RAIL, TYPE A

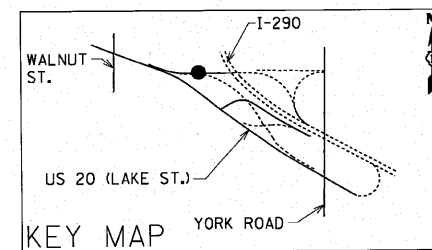
NOTE:
COST OF ALL BOXED ITEMS IS INCLUDED IN THE
PORTLAND CEMENT CONCRETE PAVEMENT, 10 1/4" (JOINTED) PAY ITEM.

PROPOSED TYPICAL SECTION [3]
RAMP E
STA. 5+37.50 TO STA. 10+00.00

2] VARIES 15.00' AT STA. 5+80.00 TO 24.33' AT STA. 10+00.00

3] SAWED LONGITUDINAL CENTERLINE JOINT REQUIRED.

Δ - SLOPE VARIES. SEE CROSS SECTIONS

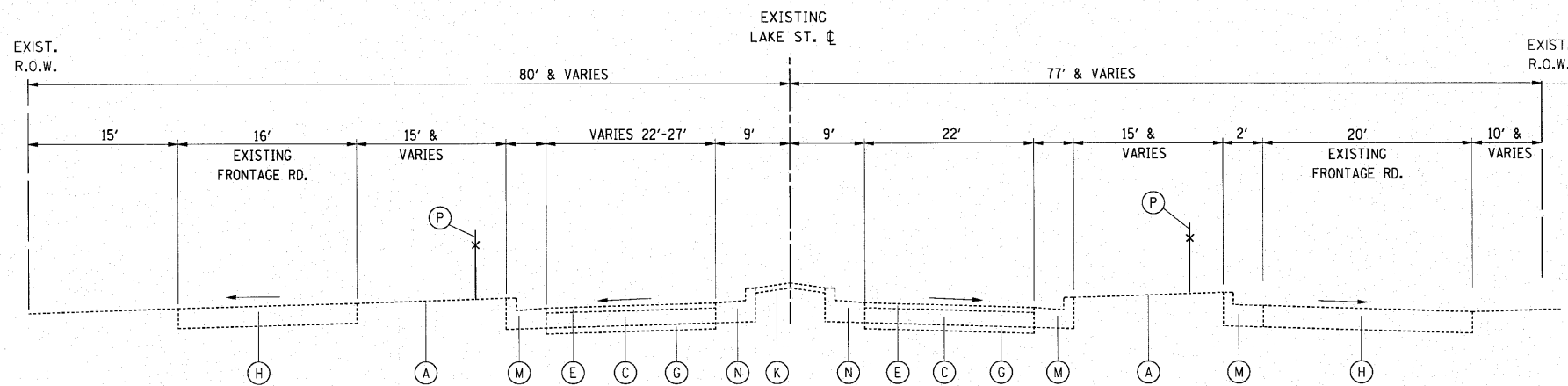


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		DRAWN - PRH	REVISED -
		CHECKED - SRG	REVISED -
		DATE - 1/18/10	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

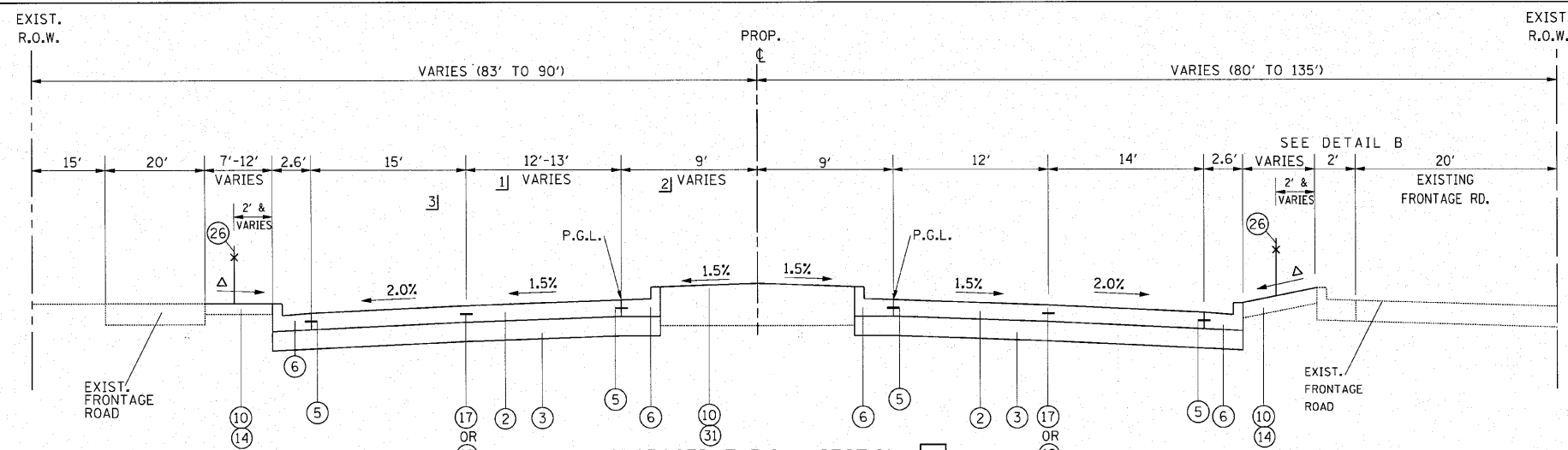
RAMP "E"		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PROPOSED TYPICAL SECTION		3537	(4Y & 22-3)R-2	DUPAGE	284	17
SCALE: N.T.S.		SHEET NO. 17 OF		SHEETS		STA. 5+37.50 TO STA. 10+00.00
		FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 62093



EXISTING TYPICAL SECTION 2
U.S. ROUTE 20 (LAKE STREET)
STA. 355+65.00 TO STA. 358+00.00

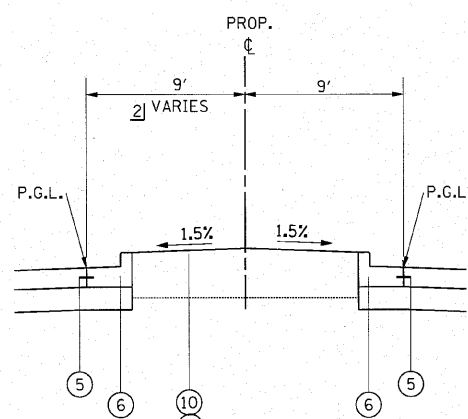
- EXISTING LEGEND**
- (A) GROUND LINE
 - (C) P.C.C. PAVEMENT, VARIES 8"-10"
 - (E) HOT-MIX ASPHALT CONCRETE SURFACE AND BINDER RESURFACING, 3" AND VARIES
 - (G) STABILIZED SUB-BASE, 4"-6" AND VARIES
 - (H) HOT-MIX ASPHALT PAVEMENT-FULL DEPTH
 - (K) P.C.C. MEDIAN SURFACE
 - (M) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - (N) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.12
 - (P) CHAIN LINK FENCE



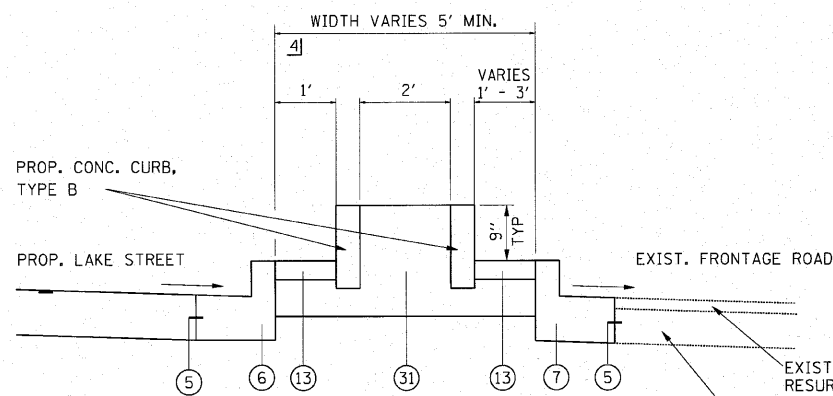
PROPOSED TYPICAL SECTION 2
U.S. ROUTE 20 (LAKE STREET)
STA. 355+65.00 TO STA. 357+75.57

- PROPOSED LEGEND**
- (2) PORTLAND CEMENT CONCRETE PAVEMENT, 10 1/4" (JOINTED)
 - (3) AGGREGATE SUBGRADE, 12"
 - (5) #6 TIE BARS, 24" LONG, EPOXY COATED, DEFORMED, 24" O.C.
 - (6) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - (7) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
 - (10) SEEDING, CLASS 2A
 - (13) CONCRETE MEDIAN SURFACE, 4 INCH
 - (14) TOPSOIL, FURNISH AND PLACE, 6"
 - (17) LONGITUDINAL CONSTRUCTION JOINT WITH #6 TIE BARS, 24" LONG, EPOXY COATED, DEFORMED, 24" O.C., DRILL & GROUT
 - (18) LONGITUDINAL SAWED JOINT WITH #6 TIE BARS, 30" LONG, EPOXY COATED, DEFORMED, 30" O.C.
 - (26) CHAIN LINK FENCE, 6'
 - (31) TOPSOIL, FURNISH AND PLACE, 24"

NOTE:
COST OF ALL BOXED ITEMS IS INCLUDED IN THE
PORTLAND CEMENT CONCRETE PAVEMENT, 10 1/4" (JOINTED) PAY ITEM.

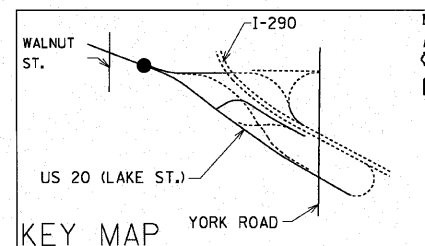


DETAIL A - NOT TO SCALE
U.S. ROUTE 20 (LAKE STREET)
STA. 353+80.00 TO STA. 355+65.00

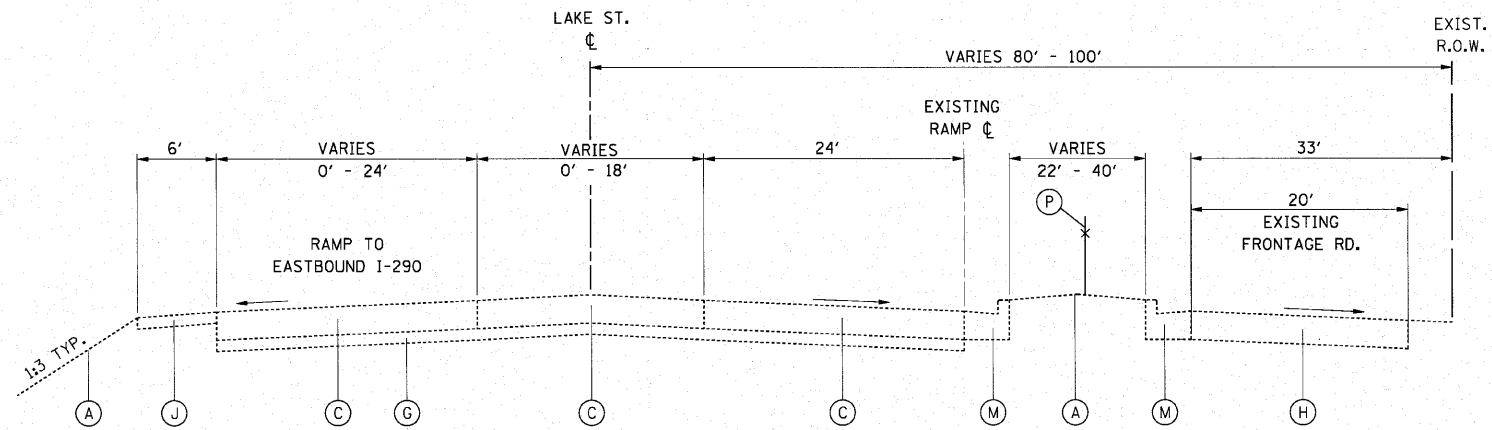


DETAIL B - NOT TO SCALE
U.S. ROUTE 20 (LAKE STREET)/FRONTAGE ROAD
STA. 356+65 RT. TO STA. 357+85 RT.
STA. 364+30 RT. TO STA. 375+20 RT.

- Δ - SLOPE VARIES. SEE CROSS SECTIONS
- 1] LANE WIDTH TAPERS 12' AT STA. 355+65 TO 13' AT STA. 356+15
- 2] MEDIAN WIDTH VARIES 9' AT STA. 355+65 TO 4' AT STA. 358+15
- 3] SEE RAMP "E" TYPICAL SECTION
- 4] CONCRETE CURB TYPE B TO BE ELIMINATED IN AREAS WHERE WIDTH IS LESS THAN 5' OR IN CONFLICT WITH STORM MANHOLE AND REPLACED WITH CONCRETE MEDIAN SURFACE, 4 INCH

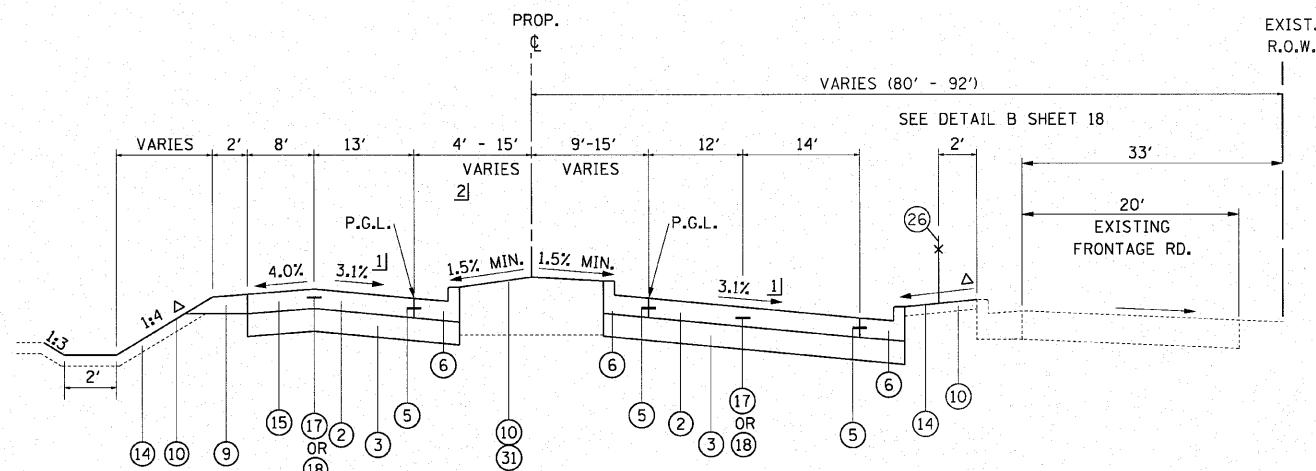


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PLOT SCALE = 48,0000' / in.					CHECKED - SRG	SCALE: N.T.S.	SHEET NO. 18 OF	SHEETS	STA. 355+65.00	TO STA. 357+75.57	CONTRACT NO. 62093		
PLOT DATE = 4/12/2010					DATE - 1/18/10	FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT							



EXISTING TYPICAL SECTION 2
 U.S. ROUTE 20 (LAKE STREET)
 STA. 358+00.00 TO STA. 369+00.00

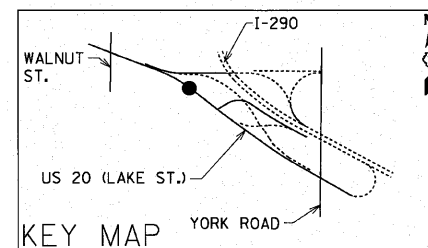
- EXISTING LEGEND**
- (A) GROUND LINE
 - (C) P.C.C. PAVEMENT, VARIES 8"-10"
 - (G) STABILIZED SUB-BASE, 4"-6" AND VARIES
 - (H) HOT-MIX ASPHALT PAVEMENT- FULL DEPTH
 - (J) HOT-MIX ASPHALT SHOULDER
 - (M) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - (P) CHAIN LINK FENCE



PROPOSED TYPICAL SECTION 2
 U.S. ROUTE 20 (LAKE STREET)
 STA. 357+75.58 TO STA. 362+75.57

- PROPOSED LEGEND**
- (2) PORTLAND CEMENT CONCRETE PAVEMENT, 10 1/4" (JOINTED)
 - (3) AGGREGATE SUBGRADE, 12"
 - (5) #6 TIE BARS, 24" LONG, EPOXY COATED, DEFORMED, 24" O.C.
 - (6) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - (9) AGGREGATE SHOULDERS, TYPE B
 - (10) SEEDING, CLASS 2A
 - (14) TOPSOIL, FURNISH AND PLACE, 4"
 - (15) PORTLAND CEMENT CONCRETE SHOULDERS, 10 1/4"
 - (17) LONGITUDINAL CONSTRUCTION JOINT WITH #6 TIE BARS, 24" LONG, EPOXY COATED, DEFORMED, 24" O.C., DRILL & GROUT
 - (18) LONGITUDINAL SAWED JOINT WITH #6 TIE BARS, 30" LONG, EPOXY COATED, DEFORMED, 30" O.C.
 - (26) CHAIN LINK FENCE, 6'
 - (31) TOPSOIL, FURNISH AND PLACE, 24"

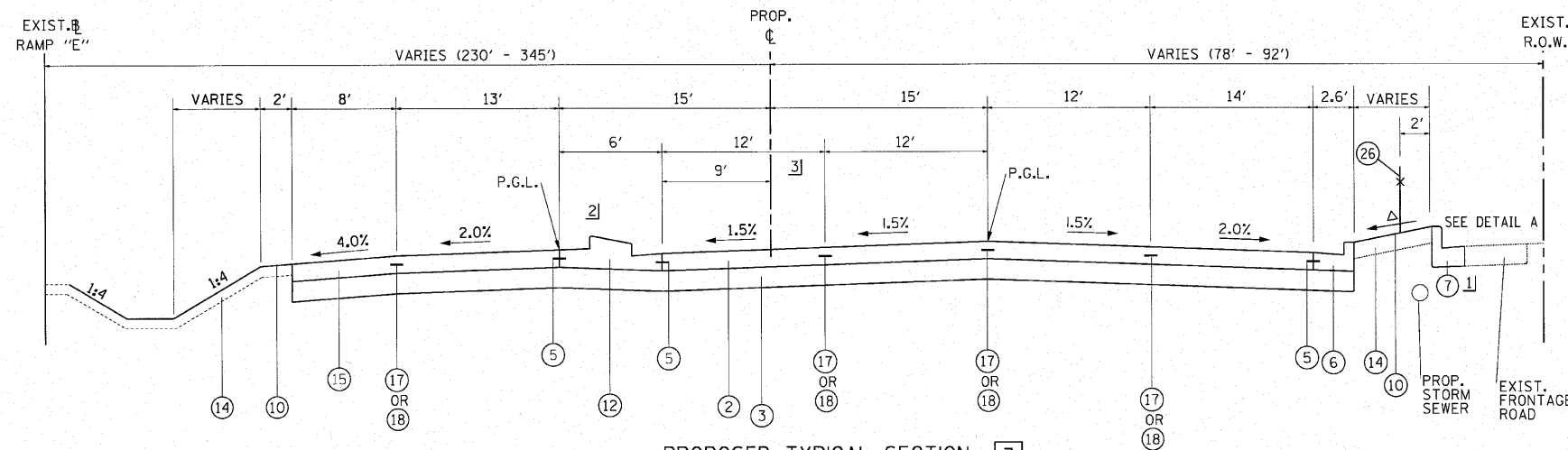
- 1) SLOPE VARIES. SEE SUPERELEVATION DIAPHRAM SEE SHEET NO. 168
- 2) MEDIAN WIDTH VARIES 4' AT STA. 358+15 TO 15' AT STA. 363+65
- Δ - SLOPE VARIES. SEE CROSS SECTIONS



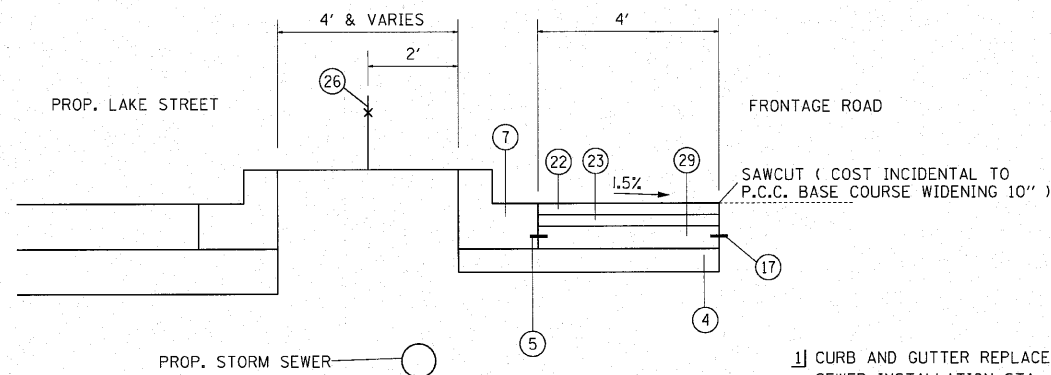
NOTE:
 COST OF ALL BOXED ITEMS IS INCLUDED IN THE
 PORTLAND CEMENT CONCRETE PAVEMENT, 10 1/4" (JOINTED) PAY ITEM.

FILE NAME = tjprrev1.dgn	USER NAME = 100T(eng)	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	U.S. ROUTE 20 (LAKE STREET) PROPOSED TYPICAL SECTION			F.A.U. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - PRH	REVISED -		SCALE: N.T.S.	SHEET NO. 19 OF	SHEETS	3537	14Y & 22-3IR-2	DUPAGE	284	19
		CHECKED - SRG	REVISED -		STA. 357+75.58 TO STA. 362+75.57	FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT				
		DATE - 1/18/10	REVISED -		CONTRACT NO. 62093							

SEE PREVIOUS SHEET FOR EXISTING
US 20 (LAKE ST.) TYPICAL SECTION
STA. 362+75.58 TO STA. 367+33.81

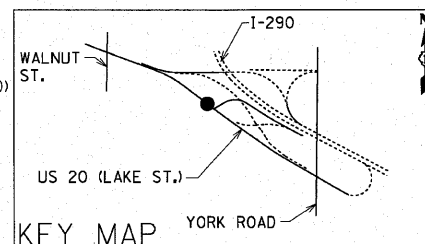


PROPOSED TYPICAL SECTION **3**
U.S. ROUTE 20 (LAKE STREET)
STA. 362+75.57 TO STA. 367+33.80



DETAIL A
U.S. ROUTE 20 (LAKE STREET)/FRONTAGE ROAD
STA. 364+30 TO STA. 366+05

- 1] CURB AND GUTTER REPLACEMENT FOR PROPOSED STORM SEWER INSTALLATION STA. 364+00 TO STA. 364+30
- 2] BARRIER HEIGHT FOR CONCRETE MEDIAN SB - 6.24 (MODIFIED) VARIES SLOPE TO DRAIN. 1.5% MINIMUM
- 3] SLOPES VARY STA. 366+40 TO STA. 367+33.81 SEE SPOT ELEVATION DETAILS SHEET NO. 113
- Δ - SLOPE VARIES. SEE CROSS SECTIONS

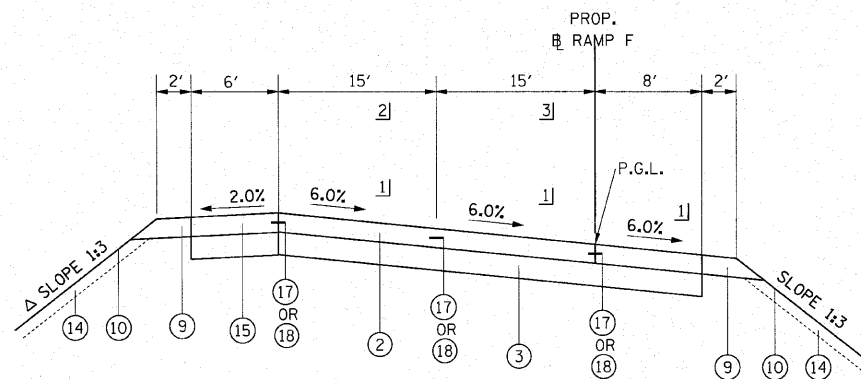


PROPOSED LEGEND

- 2** PORTLAND CEMENT CONCRETE PAVEMENT, 10 1/4" (JOINTED)
- 3** AGGREGATE SUBGRADE, 12"
- 4** SUB-BASE GRANULAR MATERIAL, TYPE B 4"
- 5** #6 TIE BARS, 24" LONG, EPOXY COATED, DEFORMED, 24" O.C.
- 6** COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- 7** COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- 10** SEEDING, CLASS 2A
- 12** CONCRETE MEDIAN, TYPE SB-6.24
- 14** TOPSOIL, FURNISH AND PLACE, 4"
- 15** PORTLAND CEMENT CONCRETE SHOULDERS, 10 1/4"
- 17** LONGITUDINAL CONSTRUCTION JOINT WITH #8 TIE BARS, 24" LONG, EPOXY COATED, DEFORMED, 24" O.C., DRILL & GROUT
- 18** LONGITUDINAL SAWED JOINT WITH #6 TIE BARS, 30" LONG, EPOXY COATED, DEFORMED, 30" O.C.
- 22** POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (1.75")
- 23** POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 (2.25")
- 29** PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 10"
- 26** CHAIN LINK FENCE, 6'

NOTE:
COST OF ALL BOXED ITEMS IS INCLUDED IN THE
PORTLAND CEMENT CONCRETE PAVEMENT, 10 1/4" (JOINTED) PAY ITEM.

FILE NAME = tjgorev1.dgn	USER NAME = IDDT(eng)	DESIGNED - DRAWN - PRH	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	U.S. ROUTE 20 (LAKE STREET) PROPOSED TYPICAL SECTION			F.A.U. RTE. 3537	SECTION (4Y & 22-31R-2)	COUNTY DUPAGE	TOTAL SHEETS 284	SHEET NO. 20	
PLOT SCALE = 40.0000' / 1" =					SCALE: N.T.S.	SHEET NO. 20 OF	SHEETS	STA. 362+75.57 TO STA. 367+33.80	CONTRACT NO. 62093				
PLOT DATE = 3/23/2010					DATE = 1/18/10	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							



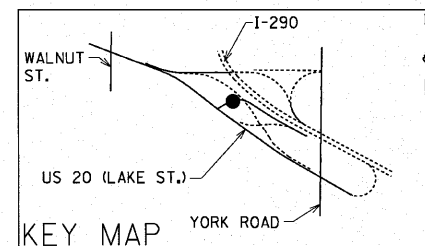
PROPOSED TYPICAL SECTION 1
 RAMP F
 STA. 1+29.03 TO STA. 7+43.55

PROPOSED LEGEND

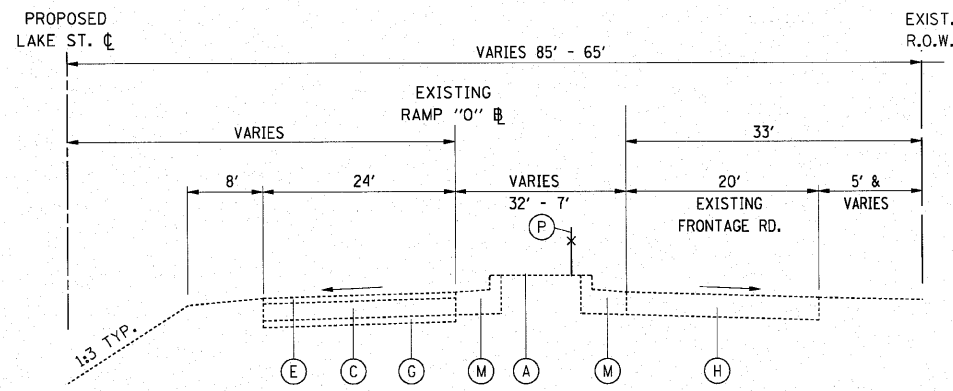
- 2 PORTLAND CEMENT CONCRETE PAVEMENT, 10 1/4" (JOINTED)
- 3 AGGREGATE SUBGRADE, 12"
- 9 AGGREGATE SHOULDERS, TYPE B
- 10 SEEDING, CLASS 2A
- 14 TOPSOIL, FURNISH AND PLACE, 4"
- 15 PORTLAND CEMENT CONCRETE SHOULDERS, 10 1/4"
- 17 LONGITUDINAL CONSTRUCTION JOINT WITH #8 TIE BARS, 24" LONG, EPOXY COATED, DEFORMED, 24" O.C., DRILL & GROUT
- 18 LONGITUDINAL SAWED JOINT WITH #6 TIE BARS, 30" LONG, EPOXY COATED, DEFORMED, 30" O.C.

NOTE:
 COST OF ALL BOXED ITEMS IS INCLUDED IN THE
 PORTLAND CEMENT CONCRETE PAVEMENT, 10 1/4" (JOINTED) PAY ITEM.

- 1] SLOPE VARIES, SEE SUPERELEVATION TRANSITION DIAPHRAM SHEET NO. 109 AND SPOT ELEVATION DETAILS SHEET NO. 113
- 2] WIDTH VARIES 15' AT STA. 6+90.00 TO 14.48' AT STA. 7+43.55
- 3] WIDTH VARIES 15' AT STA. 6+90.00 TO 15.17' AT STA. 7+43.55
- Δ - SLOPE VARIES, SEE CROSS SECTIONS



FILE NAME = typrev1.dgn	USER NAME = IDOT(eng)	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RAMP "F" PROPOSED TYPICAL SECTION			F.A.U. RTE. 3537	SECTION 4Y & 22-3R-2	COUNTY DUPAGE	TOTAL SHEETS 284	SHEET NO. 21
PLOT SCALE = 40.2000' / 1"		DRAWN - PRH	REVISED -		SCALE: N.T.S.	SHEET NO. 21 OF	SHEETS	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
PLOT DATE = 3/23/2010		CHECKED - SRG	REVISED -		STA. 1+29.03 TO STA. 7+43.55			CONTRACT NO. 62093				
		DATE - 1/18/10	REVISED -									



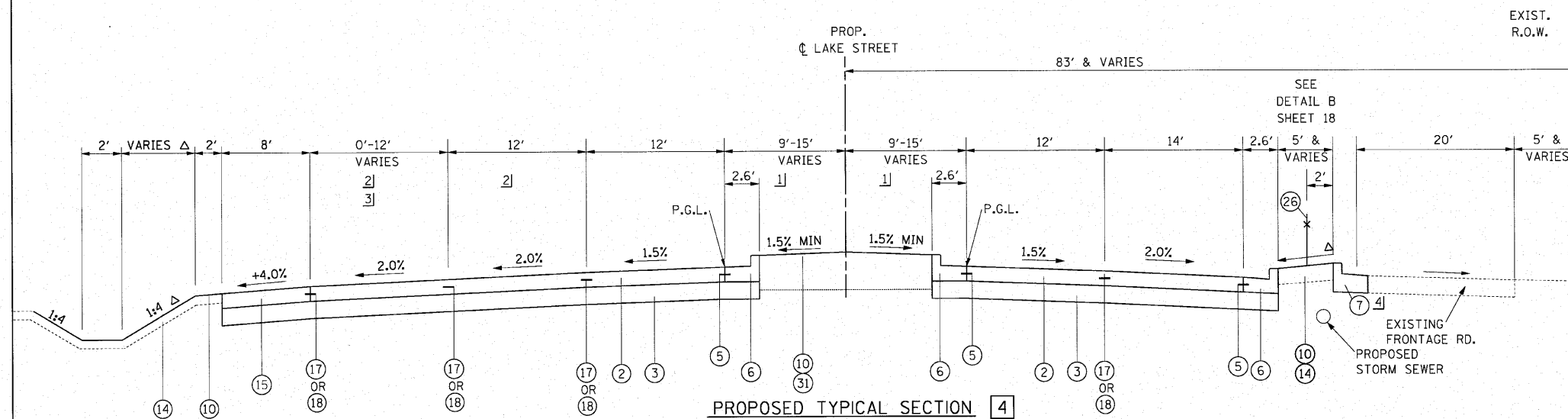
EXISTING TYPICAL SECTION 3
U.S. ROUTE 20 (LAKE STREET)
STA. 369+00.00 TO STA. 378+00.00

EXISTING LEGEND

- (A) GROUND LINE
- (C) P.C.C. PAVEMENT, VARIES 8"-10"
- (E) HOT-MIX ASPHALT CONCRETE SURFACE AND BINDER RESURFACING, 3" AND VARIES
- (G) STABILIZED SUB-BASE, 4'-6" AND VARIES
- (H) HOT-MIX ASPHALT PAVEMENT-FULL DEPTH
- (M) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (P) CHAIN LINK FENCE

PROPOSED LEGEND

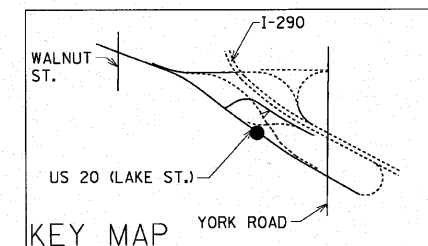
- (2) PORTLAND CEMENT CONCRETE PAVEMENT, 10 1/4" (JOINTED)
- (3) AGGREGATE SUBGRADE, 12"
- (5) #6 TIE BARS, 24" LONG, EPOXY COATED, DEFORMED, 24" O.C.
- (6) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (7) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (10) SEEDING, CLASS 2A
- (14) TOPSOIL, FURNISH AND PLACE, 4"
- (15) PORTLAND CEMENT CONCRETE SHOULDERS, 10 1/4"
- (17) LONGITUDINAL CONSTRUCTION JOINT WITH #6 TIE BARS, 24" LONG, EPOXY COATED, DEFORMED, 24" O.C., DRILL & GROUT
- (18) LONGITUDINAL SAWED JOINT WITH #6 TIE BARS, 30" LONG, EPOXY COATED, DEFORMED, 30" O.C.
- (26) CHAIN LINK FENCE, 6'
- (31) TOPSOIL, FURNISH AND PLACE, 24"



PROPOSED TYPICAL SECTION 4
U.S. ROUTE 20 (LAKE STREET)
STA. 367+33.80 TO STA. 377+36.15

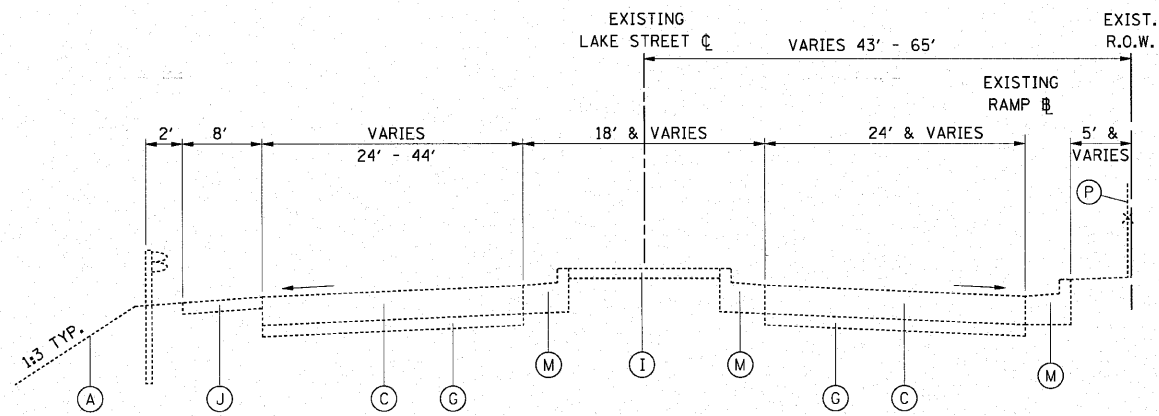
- 1] LANDSCAPE MEDIAN WIDTH 15' STA. 367+33.81 TO STA. 371+15 VARIES 15' TO 9' STA. 371+15 TO STA. 374+15 9' STA. 374+15 TO STA.380+35
- 2] LANE WIDTHS INCREASE AT RAMP "F" DUE TO CHANNELIZATION ISLAND
- 3] LANE WIDTHS 12' STA. 369+00 TO STA. 371+15 VARIES 12' STA. 371.15 TO 0' STA. 374+15 0' STA. 374+15 TO STA 380+35

- 4] CURB AND GUTTER REPLACEMENT FOR PROPOSED STORM SEWER INSTALLATION STA. 368+46 TO STA. 374+05
- Δ - SLOPE VARIES. SEE CROSS SECTIONS



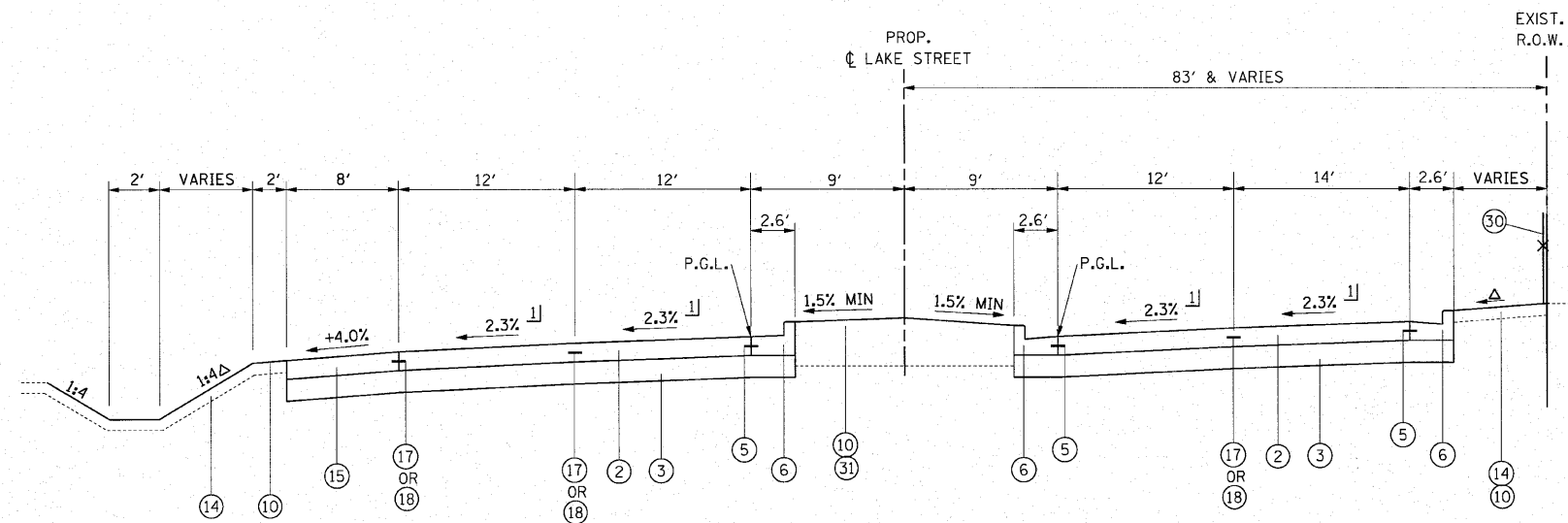
NOTE:
COST OF ALL BOXED ITEMS IS INCLUDED IN THE PORTLAND CEMENT CONCRETE PAVEMENT, 10 1/4" (JOINTED) PAY ITEM.

FILE NAME = typrev1.dgn	USER NAME = IDOT(eng)	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	U.S. ROUTE 20 (LAKE STREET) PROPOSED TYPICAL SECTION			F.A.U. RTE. 3537	SECTION (4Y & 22-3IR-2)	COUNTY DUPAGE	TOTAL SHEETS 284	SHEET NO. 22
PLOT SCALE = 48.0000 "/>												



EXISTING TYPICAL SECTION 4
 U.S. ROUTE 20 (LAKE STREET)
 STA. 378+00.00 TO STA. 385+11.00

- EXISTING LEGEND**
- (A) GROUND LINE
 - (C) P.C.C. PAVEMENT, VARIES 8"-10"
 - (G) STABILIZED SUB-BASE, 4'-6" AND VARIES
 - (I) HOT-MIX ASPHALT MEDIAN SURFACE
 - (J) HOT-MIX ASPHALT SHOULDER
 - (M) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - (P) CHAIN LINK FENCE

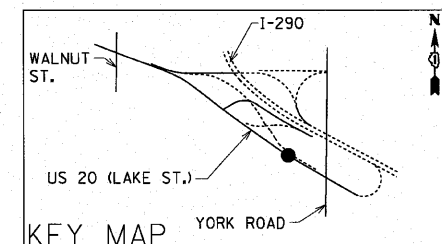


△ SLOPE VARIES. SEE CROSS SECTIONS
 ∟ SLOPE VARIES. SEE SUPERELEVATION DIAPHRAM SHEET NO. 168

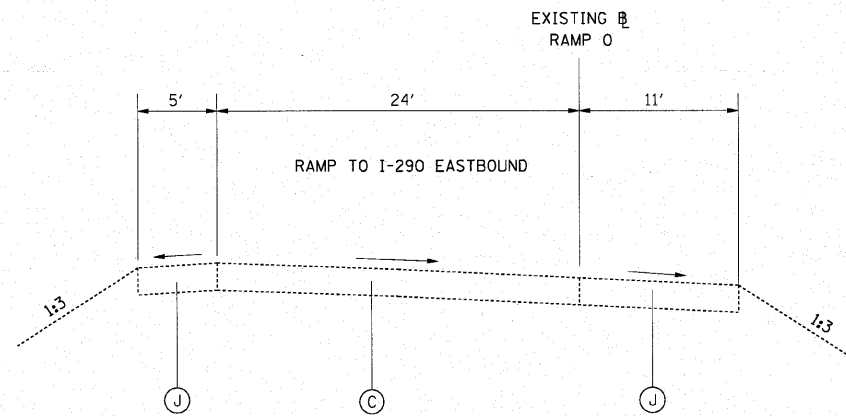
PROPOSED TYPICAL SECTION 5
 U.S. ROUTE 20 (LAKE STREET)
 STA. 377+36.15 TO STA. 380+36.16

- PROPOSED LEGEND**
- (2) PORTLAND CEMENT CONCRETE PAVEMENT, 10 1/4" (JOINTED)
 - (3) AGGREGATE SUBGRADE, 12"
 - (5) #6 TIE BARS, 24" LONG, EPOXY COATED, DEFORMED, 24" O.C.
 - (6) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - (10) SEEDING, CLASS 2A
 - (14) TOPSOIL, FURNISH AND PLACE, 4"
 - (15) PORTLAND CEMENT CONCRETE SHOULDERS, 10 1/4"
 - (17) LONGITUDINAL CONSTRUCTION JOINT WITH #6 TIE BARS, 24" LONG, EPOXY COATED, DEFORMED, 24" O.C., DRILL & GROUT
 - (18) LONGITUDINAL SAWED JOINT WITH #6 TIE BARS, 30" LONG, EPOXY COATED, DEFORMED, 30" O.C.
 - (30) ORNAMENTAL FENCE
 - (31) TOPSOIL, FURNISH AND PLACE, 24"

NOTE:
 COST OF ALL BOXED ITEMS IS INCLUDED IN THE PORTLAND CEMENT CONCRETE PAVEMENT, 10 1/4" (JOINTED) PAY ITEM.

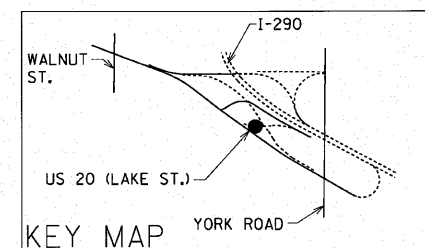


FILE NAME = tyrrev1.dgn	USER NAME = 100T(eng)	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	U.S. ROUTE 20 (LAKE STREET) PROPOSED TYPICAL SECTION		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000' / in.	DRAWN - PRH	REVISED -				3537	4Y & 22-3R-2	DUPAGE	284	23
	PLOT DATE = 3/23/2012	CHECKED - SRC	REVISED -				CONTRACT NO. 62093				
		DATE - 1/18/10	REVISED -				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
					SCALE: N.T.S.	SHEET NO. 23 OF	SHEETS	STA. 377+36.16 TO STA. 380+36.16 >>			



- EXISTING LEGEND**
- C** P.C.C. PAVEMENT, VARIES 8"-10"
 - J** HOT-MIX ASPHALT SHOULDER

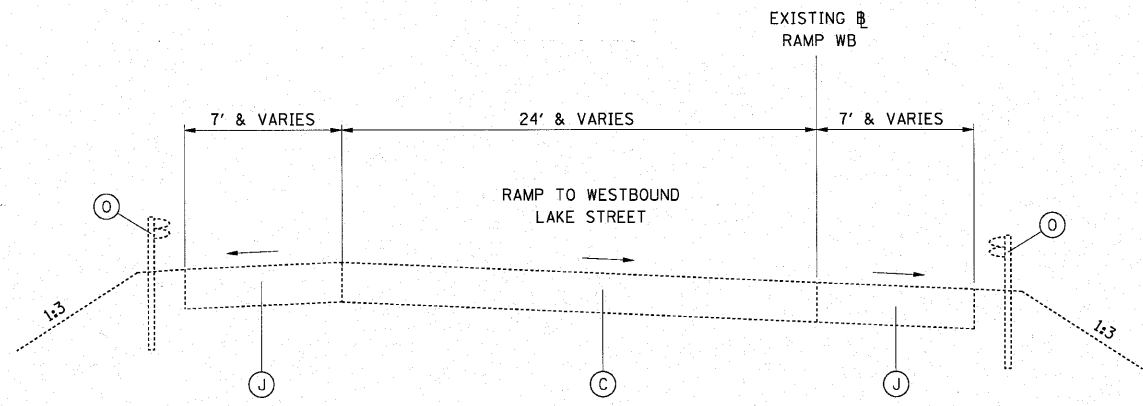
EXISTING TYPICAL SECTION
RAMP 0
STA. 0+00 TO STA. 25+00



FILE NAME = tjprev1.dgn	USER NAME = IDOT\eng	DESIGNED -	REVISED -
		DRAWN - PRH	REVISED -
		CHECKED - SRG	REVISED -
		DATE - 1/18/10	REVISED -

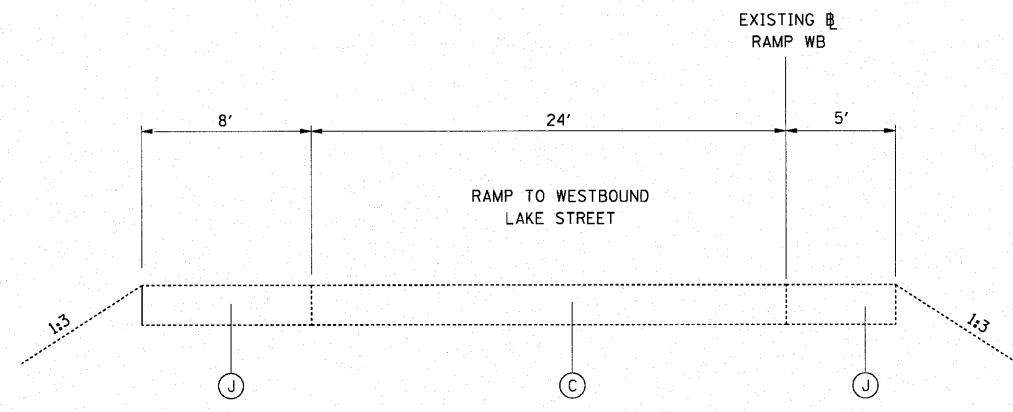
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAMP "0"		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
EXISTING TYPICAL SECTION		3537	(4Y & 22-3)R-2	DUPAGE	284	24
SCALE: N.T.S.		SHEET NO. 24 OF SHEETS		STA. 0+00.00 TO STA. 25+00.00		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
CONTRACT NO. 62093						



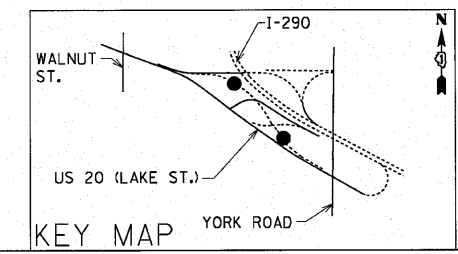
EXISTING TYPICAL SECTION
RAMP "WB"
STA. 0+00 TO STA. 11+00

- EXISTING LEGEND**
- C** P.C.C. PAVEMENT, VARIES 8"-10"
 - J** HOT-MIX ASPHALT SHOULDER
 - O** GUARDRAIL



EXISTING TYPICAL SECTION
RAMP "WB"
STA. 11+00 TO STA. 25+00

- EXISTING LEGEND**
- C** P.C.C. PAVEMENT, VARIES 8"-10"
 - J** HOT-MIX ASPHALT SHOULDER



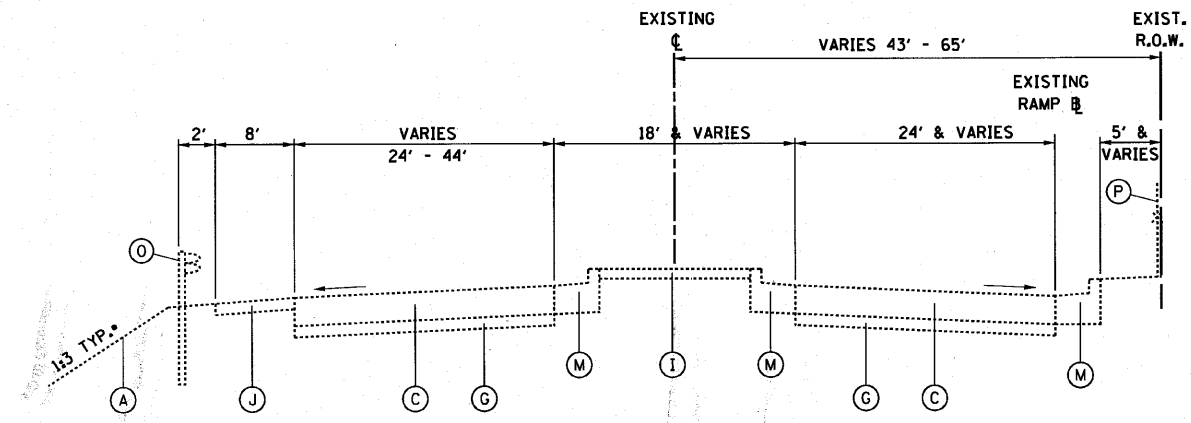
FILE NAME = tjprev1.dgn	USER NAME = IDOT(eng)	DESIGNED - DRAWN - PRH	REVISED - REVISED -
		CHECKED - SRG	REVISED -
		DATE - 1/18/10	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RAMP "WB"
EXISTING TYPICAL SECTION**

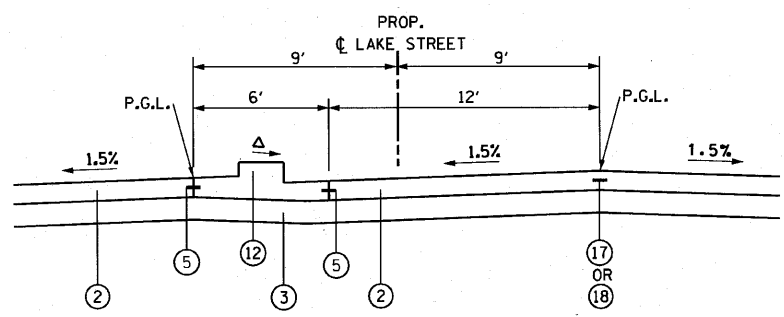
SCALE: N.T.S. SHEET NO. 25 OF SHEETS STA. 0+00 TO STA. 25+00

F.A.U. RTE. 3537	SECTION (4Y & 22-31R-2)	COUNTY DUPAGE	TOTAL SHEETS 284	SHEET NO. 25
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT CONTRACT NO. 62093		



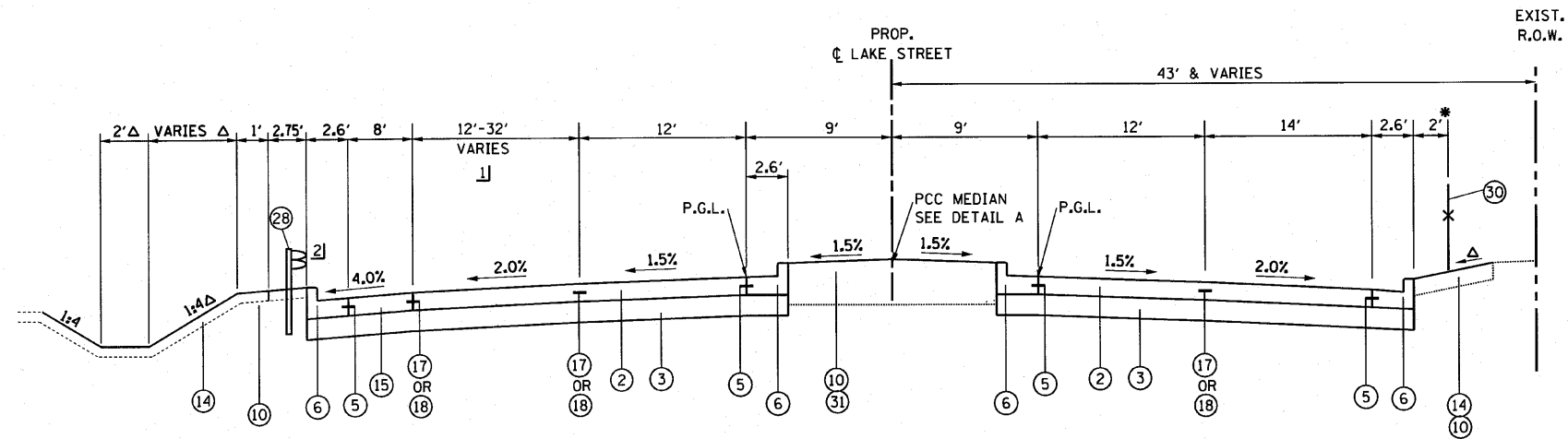
EXISTING TYPICAL SECTION 4
 U.S. ROUTE 20 (LAKE STREET)
 STA. 378+00.00 TO STA. 385+11.00

- EXISTING LEGEND**
- (A) GROUND LINE
 - (C) P.C.C. PAVEMENT, VARIES 8"-10"
 - (G) STABILIZED SUB-BASE, 4"-6" AND VARIES
 - (I) HOT-MIX ASPHALT MEDIAN SURFACE
 - (J) HOT-MIX ASPHALT SHOULDER
 - (M) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - (O) GUARDRAIL
 - (P) CHAIN LINK FENCE



DETAIL A
 U.S. ROUTE 20 (LAKE STREET)
 STA. 382+44.88 TO STA. 384+60.00

- PROPOSED LEGEND**
- (2) PORTLAND CEMENT CONCRETE PAVEMENT, 10 1/4" (JOINTED)
 - (3) AGGREGATE SUBGRADE, 12"
 - (5) #6 TIE BARS, 24" LONG, EPOXY COATED, DEFORMED, 24" O.C.
 - (6) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - (10) SEEDING, CLASS 2A
 - (12) CONCRETE MEDIAN, TYPE SB-6.24
 - (14) TOPSOIL, FURNISH AND PLACE, 4"
 - (15) PORTLAND CEMENT CONCRETE SHOULDERS, 10 1/4"
 - (17) LONGITUDINAL CONSTRUCTION JOINT WITH #8 TIE BARS, 24" LONG, EPOXY COATED, DEFORMED, 24" O.C., DRILL & GROUT
 - (18) LONGITUDINAL SAWS JOINT WITH #6 TIE BARS, 30" LONG, EPOXY COATED, DEFORMED, 30" O.C.
 - (28) STEEL PLATE BEAM GUARD RAIL, TYPE A
 - (30) ORNAMENTAL FENCE
 - (31) TOPSOIL, FURNISH AND PLACE, 24"

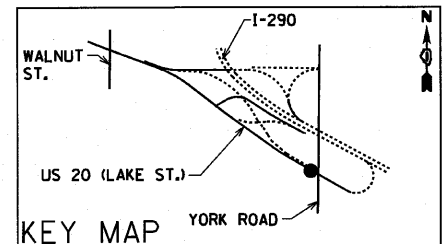


PROPOSED TYPICAL SECTION 6
 U.S. ROUTE 20 (LAKE STREET)
 STA. 380+36.16 TO STA. 384+60.00

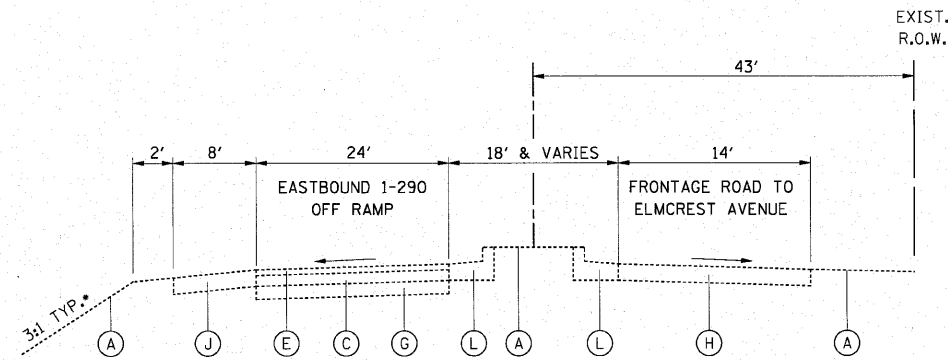
- △ SLOPE WIDTH VARIES. SEE CROSS SECTIONS
- 1) LANE WIDTH TAPERS 12' AT STA. 380+35 TO 32' AT STA. 383+35.
- 2) DEPRESSED CURB TO BE PAID FOR AS :
 (6) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24

*LOCATE FENCE 1' FROM RIGHT OF WAY LINE
 STA 384+26.00 TO STA 384+60.00

NOTE:
 COST OF ALL BOXED ITEMS IS INCLUDED IN THE
 PORTLAND CEMENT CONCRETE PAVEMENT, 10 1/4" (JOINTED) PAY ITEM.

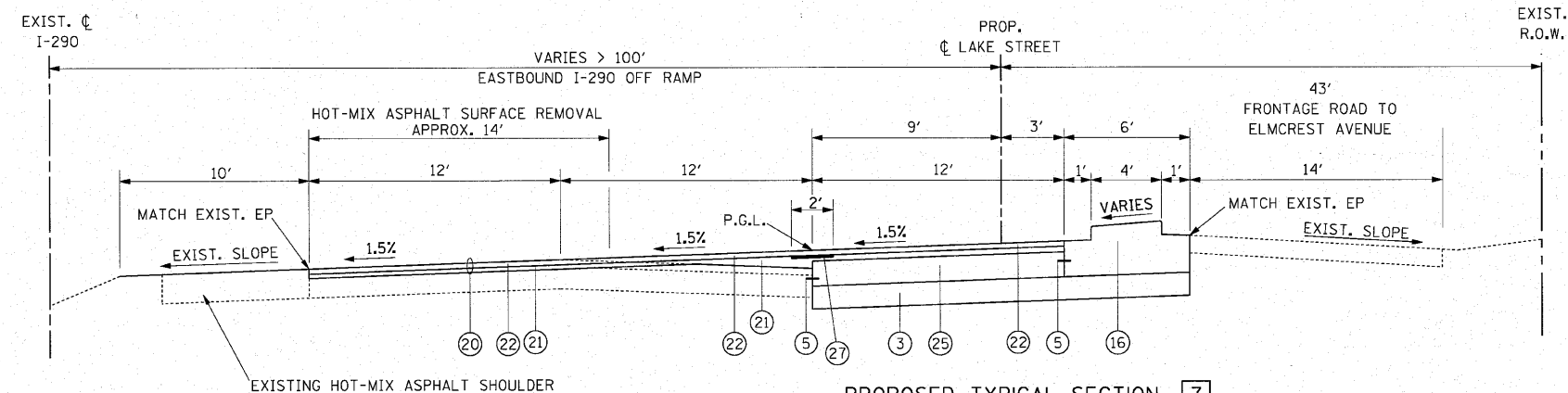


FILE NAME =	USER NAME = mrcmpfer	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	U.S. ROUTE 20 (LAKE STREET) PROPOSED TYPICAL SECTION	F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
FILEL	PLOT SCALE = 40,000' / IN.	DRAWN - PRH	REVISED -			3537	(4Y & 22-3R-2)	DUPAGE	284	26	
	PLOT DATE = 6/4/2010	CHECKED - SRG	REVISED -			CONTRACT NO. 62093					
		DATE - 1/18/10	REVISED -			FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT					



EXISTING TYPICAL SECTION 5
 U.S. ROUTE 20 (LAKE STREET)
 STA. 385+11.00 TO STA. 388+51.08

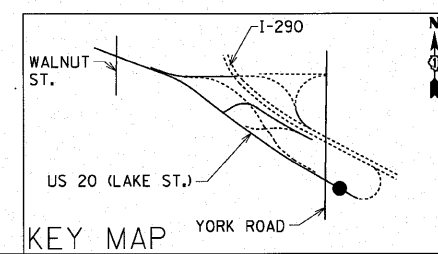
- EXISTING LEGEND**
- (A) GROUND LINE
 - (C) P.C.C. PAVEMENT, VARIES 8"-10"
 - (E) HOT-MIX ASPHALT CONCRETE SURFACE AND BINDER RESURFACING, 3" AND VARIES
 - (G) STABILIZED SUB-BASE, 4"-6" AND VARIES
 - (H) HOT-MIX ASPHALT PAVEMENT- FULL DEPTH
 - (J) HOT-MIX ASPHALT SHOULDER
 - (L) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12



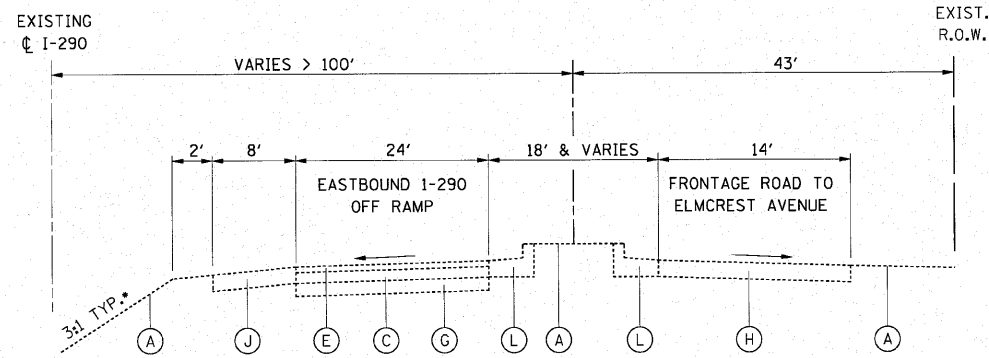
PROPOSED TYPICAL SECTION 7
 U.S. ROUTE 20 (LAKE STREET)
 STA. 385+94.08 TO STA. 387+26.08

- PROPOSED LEGEND**
- (3) AGGREGATE SUBGRADE, 12"
 - (5) #6 TIE BARS, 24" LONG, EPOXY COATED, DEFORMED, 24" O.C.
 - (16) CONCRETE MEDIAN, TYPE SB-6.12
 - (20) HOT-MIX ASPHALT SURFACE REMOVAL 3"
 - (21) LEVELING BINDER (MACHINE METHOD), N70 (1.5" AND VARIES)
 - (22) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (1.75")
 - (25) PORTLAND CEMENT CONCRETE BASE COURSE 10"
 - (27) STRIP REFLECTIVE CRACK CONTROL TREATMENT

NOTE:
 COST OF ALL BOXED ITEMS IS INCLUDED IN THE
 PORTLAND CEMENT CONCRETE BASE COURSE 10" PAY ITEM.

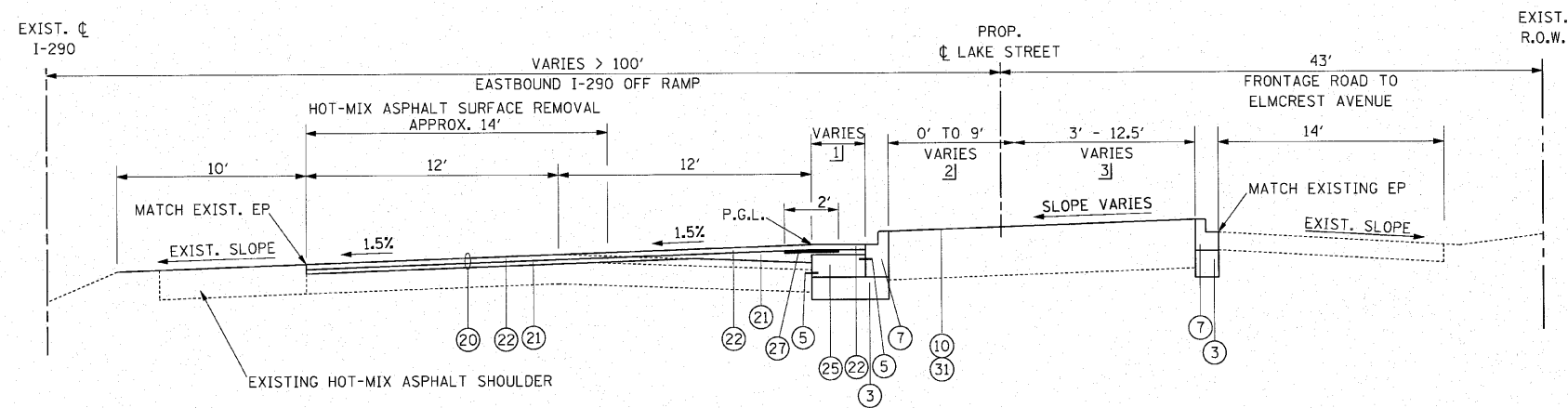


FILE NAME = typrev1.dgn	USER NAME = ID00T(eng)	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	U.S. ROUTE 20 (LAKE STREET) PROPOSED TYPICAL SECTION			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 48.0000' / in.	DRAWN - PRH	REVISED -		3537	(4Y & 22-3JR-2)	DUPAGE	284	27			
	PLOT DATE = 3/23/2010	CHECKED - SRG	REVISED -		CONTRACT NO. 62093							
		DATE - 1/18/10	REVISED -		SCALE: N.T.S.	SHEET NO. 27 OF	SHEETS	STA. 385+94.08 TO STA. 387+26.08	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		



EXISTING TYPICAL SECTION 5
 U.S. ROUTE 20 (LAKE STREET)
 STA. 385+11.00 TO STA. 388+51.08

- EXISTING LEGEND**
- (A) GROUND LINE
 - (C) P.C.C. PAVEMENT, VARIES 8"-10"
 - (E) HOT-MIX ASPHALT CONCRETE SURFACE AND BINDER RESURFACING, 3" AND VARIES
 - (G) STABILIZED SUB-BASE, 4"-6" AND VARIES
 - (H) HOT-MIX ASPHALT PAVEMENT- FULL DEPTH
 - (J) HOT-MIX ASPHALT SHOULDER
 - (L) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12

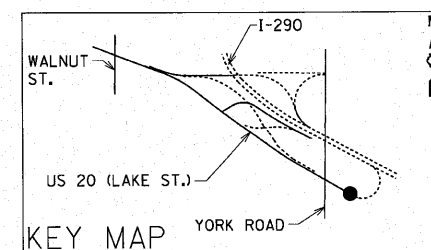


- 1] VARIES 12' AT STA. 387+26.08 TO 0' AT STA. 388+51.08
- 2] VARIES 0' AT STA. 387+26.08 TO 0' AT STA. 388+51.08
0' AT STA. 387+70 TO 9' AT STA. 388+51.08
- 3] VARIES 3' AT STA. 387+26.08 TO 12' AT STA. 387+70
12.5' AT STA. 387+70 TO 12.5' AT STA. 388+51.08

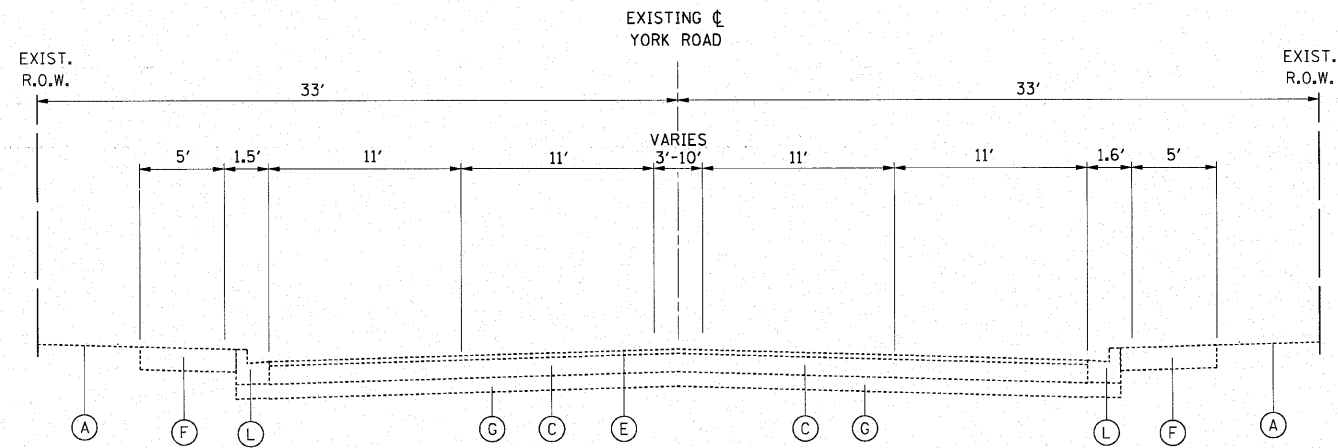
PROPOSED TYPICAL SECTION
 U.S. ROUTE 20 (LAKE STREET)
 STA. 387+26.08 TO STA. 388+51.08

- PROPOSED LEGEND**
- (3) AGGREGATE SUBGRADE, 12"
 - (4) SUB-BASE GRANULAR MATERIAL, TYPE B 4"
 - (5) #6 TIE BARS, 24" LONG, EPOXY COATED, DEFORMED, 24" O.C.
 - (7) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
 - (10) SEEDING, CLASS 2A
 - (20) HOT-MIX ASPHALT SURFACE REMOVAL 3"
 - (21) LEVELING BINDER (MACHINE METHOD), N70 (1.5" AND VARIES)
 - (22) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (1.75")
 - (25) PORTLAND CEMENT CONCRETE BASE COURSE 10"
 - (27) STRIP REFLECTIVE CRACK CONTROL TREATMENT
 - (31) TOPSOIL, FURNISH AND PLACE, 24"

NOTE:
 COST OF ALL BOXED ITEMS IS INCLUDED IN THE
 PORTLAND CEMENT CONCRETE BASE COURSE, 10" PAY ITEM.

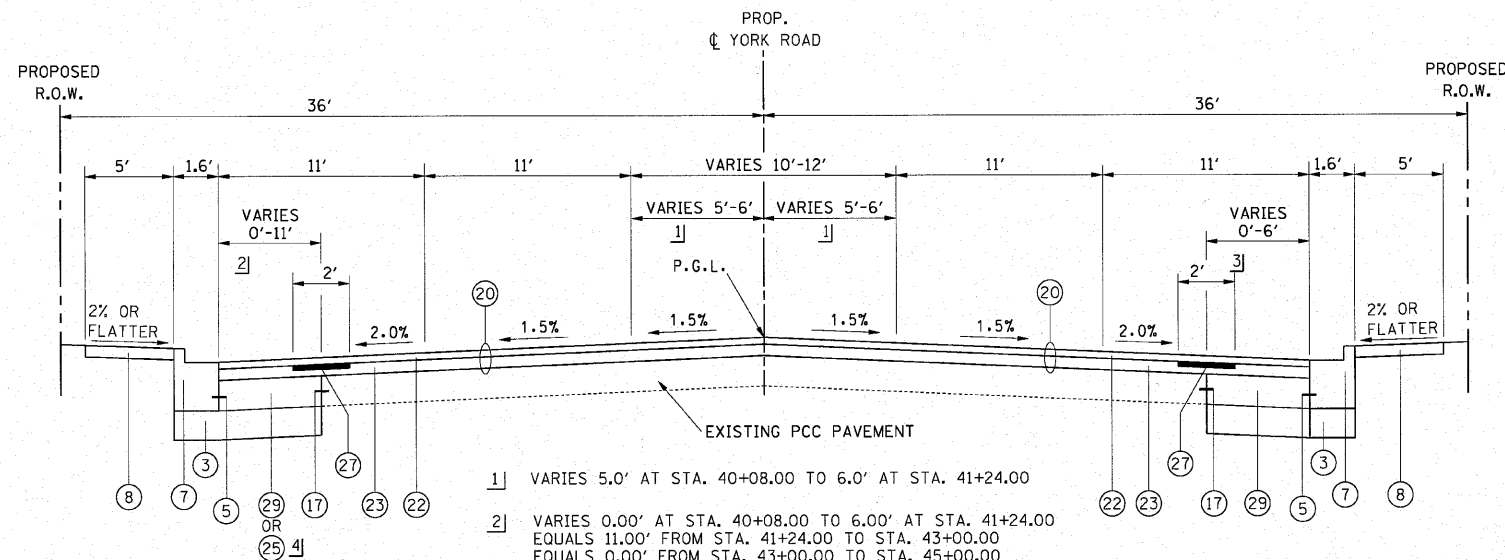


FILE NAME = typrev1.dgn	USER NAME = IDDT(eng)	DESIGNED - DRAWN - PRH	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	U.S. ROUTE 20 (LAKE STREET) PROPOSED TYPICAL SECTION		F.A.J. RTE. 3537	SECTION (4Y & 22-3R-2)	COUNTY DUPAGE	TOTAL SHEETS 284	SHEET NO. 28	
PLOT SCALE = 42.0000' / 1"	CHECKED - DATE - 1/18/10	SRG	REVISED - REVISED -		SCALE: N.T.S.	SHEET NO. 28 OF	SHEETS	STA. 387+26.08 TO STA. 388+51.08	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 62093	



EXISTING TYPICAL SECTION 1
 YORK ROAD
 STA. 40+08.00 TO STA. 45+00.00

- EXISTING LEGEND**
- A GROUND LINE
 - C PORTLAND CEMENT CONCRETE PAVEMENT, VARIES 8"-10"
 - E HOT-MIX ASPHALT CONCRETE SURFACE AND BINDER RESURFACING, 3" AND VARIES
 - F PORTLAND CEMENT CONCRETE SIDEWALK
 - G STABILIZED SUB-BASE, 4"-6" AND VARIES
 - L COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12

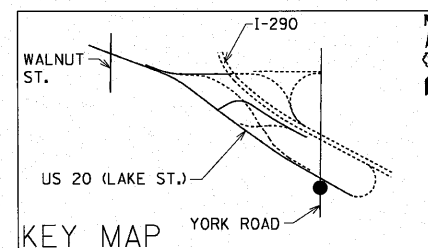


- 1] VARIES 5.0' AT STA. 40+08.00 TO 6.0' AT STA. 41+24.00
- 2] VARIES 0.00' AT STA. 40+08.00 TO 6.00' AT STA. 41+24.00
 EQUALS 11.00' FROM STA. 41+24.00 TO STA. 43+00.00
 EQUALS 0.00' FROM STA. 43+00.00 TO STA. 45+00.00
- 3] VARIES 0.00' AT STA. 40+08.00 TO 6.00' AT STA. 41+24.00
 EQUALS 6.00' FROM STA. 41+24.00 TO STA. 44+00.00
 EQUALS 0.00' FROM STA. 44+00.00 TO STA. 45+00.00
- 4] USE 25 FROM STA. 41+24.00 TO STA. 43+00.00 LT.

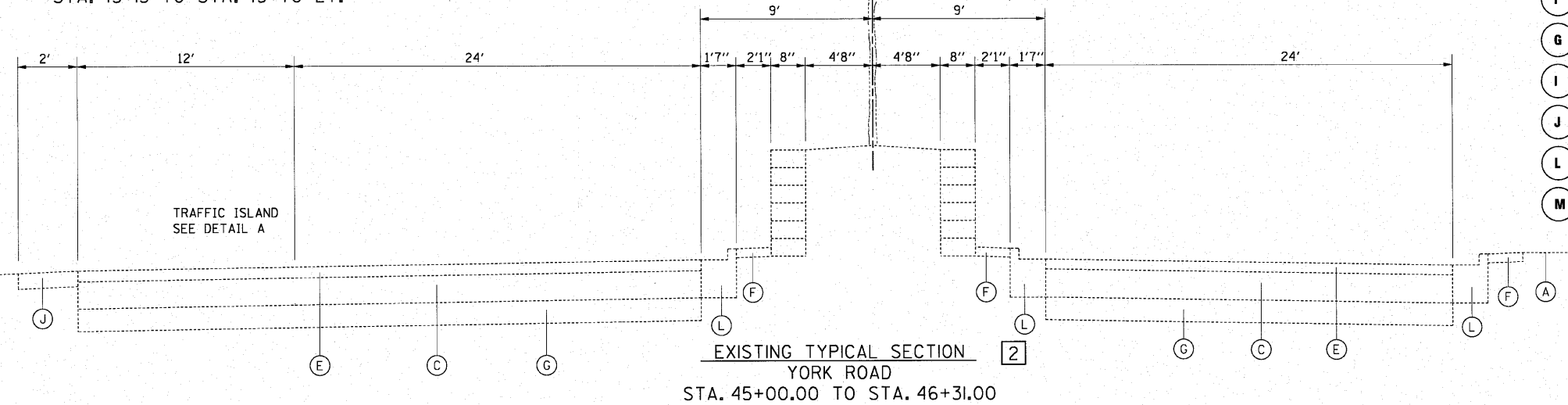
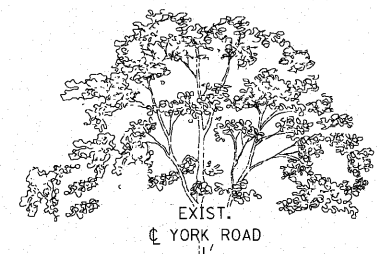
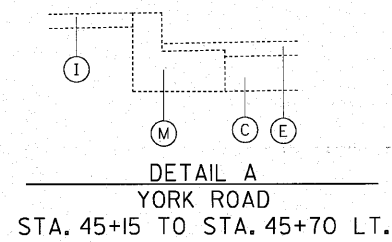
PROPOSED TYPICAL SECTION 1
 YORK ROAD
 STA. 40+08.00 TO STA. 45+00.00

- PROPOSED LEGEND**
- 3 AGGREGATE SUBGRADE, 12"
 - 5 #6 TIE BARS, 24" LONG, EPOXY COATED, DEFORMED, 24" O.C.
 - 7 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
 - 8 PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
 - 17 LONGITUDINAL CONSTRUCTION JOINT WITH #8 TIE BARS, 24" LONG, EPOXY COATED, DEFORMED, 24" O.C., DRILL & GROUT
 - 20 HOT-MIX ASPHALT SURFACE REMOVAL 3"
 - 22 POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (1.75")
 - 23 POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 (2.25")
 - 25 PORTLAND CEMENT CONCRETE BASE COURSE 10"
 - 27 STRIP REFLECTIVE CRACK CONTROL TREATMENT
 - 29 PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 10"

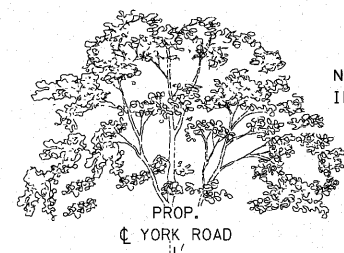
NOTE:
 COST OF ALL BOXED ITEMS IS INCLUDED IN THE
 PORTLAND CEMENT CONCRETE BASE COURSE, 10" PAY ITEM.



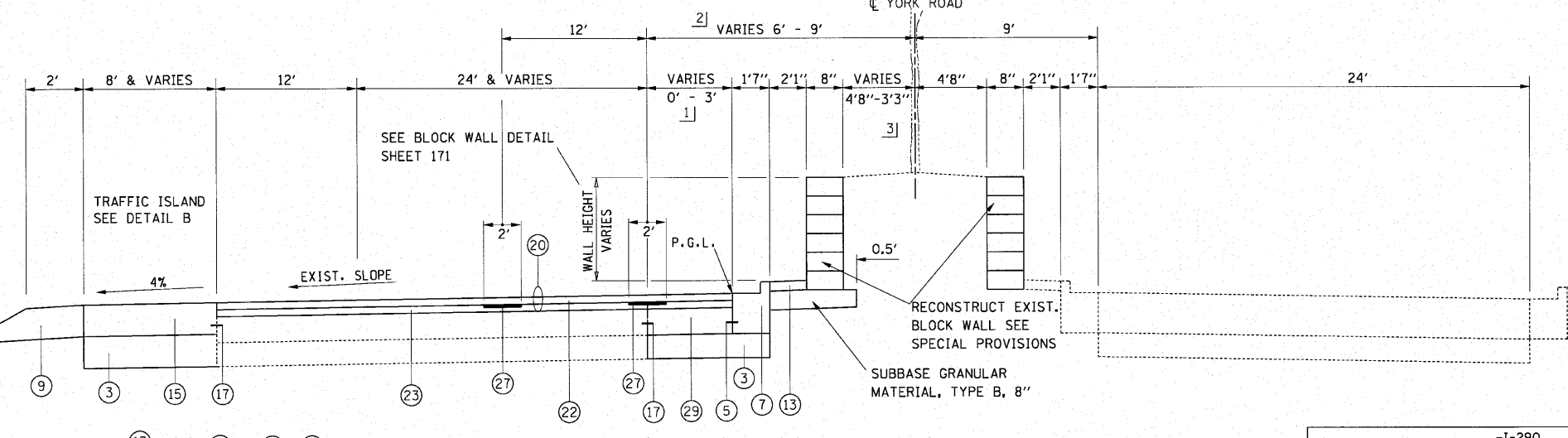
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PLOT SCALE = 48.0000' / in.		CHECKED - SRG	REVISED -	SCALE: N.T.S. SHEET NO. 29 OF SHEETS STA. 41+08.00 TO STA. 45+00.00		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 62093		
PLOT DATE = 3/23/2018		DATE - 1/18/10	REVISED -							



- EXISTING LEGEND**
- (A) GROUND LINE
 - (C) PORTLAND CEMENT CONCRETE PAVEMENT, VARIES 8"-10"
 - (E) HOT-MIX ASPHALT CONCRETE SURFACE AND BINDER RESURFACING, 3" AND VARIES
 - (F) PORTLAND CEMENT CONCRETE SIDEWALK
 - (G) STABILIZED SUB-BASE, 4"-6" AND VARIES
 - (I) HOT-MIX ASPHALT MEDIAN SURFACE
 - (J) HOT-MIX ASPHALT SHOULDER
 - (L) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
 - (M) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24

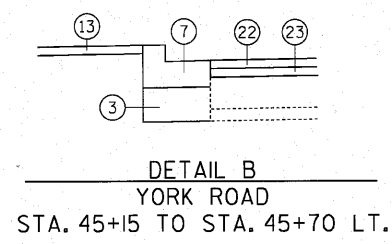


NOTE:
IRRIGATION SYSTEM - SEE GENERAL NOTES



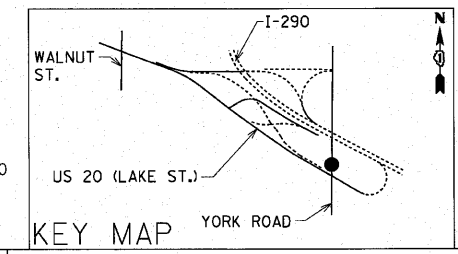
- PROPOSED LEGEND**
- (3) AGGREGATE SUBGRADE, 12"
 - (5) #6 TIE BARS, 24" LONG, EPOXY COATED, DEFORMED, 24" O.C.
 - (7) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
 - (9) AGGREGATE SHOULDERS, TYPE B
 - (13) CONCRETE MEDIAN SURFACE, 4 INCH
 - (15) PORTLAND CEMENT CONCRETE SHOULDERS, 10 1/4"
 - (17) LONGITUDINAL CONSTRUCTION JOINT WITH #8 TIE BARS, 24" LONG, EPOXY COATED, DEFORMED, 24" O.C., DRILL & GROUT
 - (20) HOT-MIX ASPHALT SURFACE REMOVAL 3"
 - (22) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (1.75")
 - (23) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 (2.25")
 - (27) STRIP REFLECTIVE CRACK CONTROL TREATMENT
 - (29) PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 10"

NOTE:
COST OF ALL BOXED ITEMS IS INCLUDED IN THE PORTLAND CEMENT CONCRETE BASE COURSE WIDENING, 10" PAY ITEM.



PROPOSED TYPICAL SECTION
YORK ROAD
STA. 45+00.00 TO STA. 46+31.00

- 1] VARIES 3.00' AT STA. 45+26.00 TO 0' AT STA. 46+31.00
- 2] MEDIAN VARIES 6.00' AT STA. 45+26.00 TO 9.00' AT STA. 46+31.00
- 3] VARIES 3'3" AT STA. 45+81.00 TO 4'8" AT STA. 46+31.00



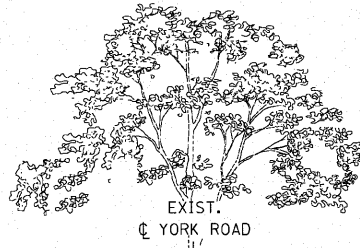
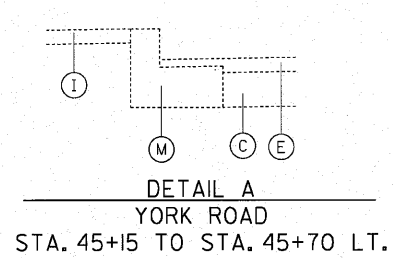
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		DRAWN - PRH	REVISED -
		CHECKED - SRG	REVISED -
		DATE - 1/18/10	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

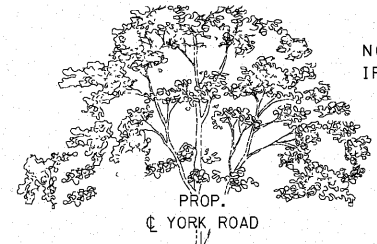
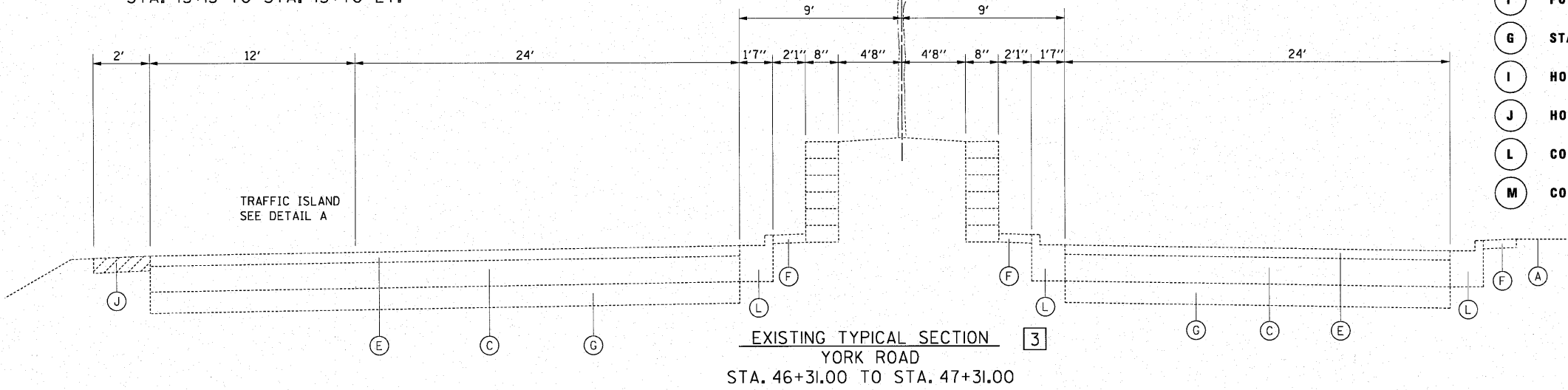
YORK ROAD
PROPOSED TYPICAL SECTION

SCALE: N.T.S. SHEET NO. 30 OF SHEETS STA. 45+00.00 TO STA. 46+31.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3537	(4Y & 22-3)R-2	DUPAGE	284	30
CONTRACT NO. 62093				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



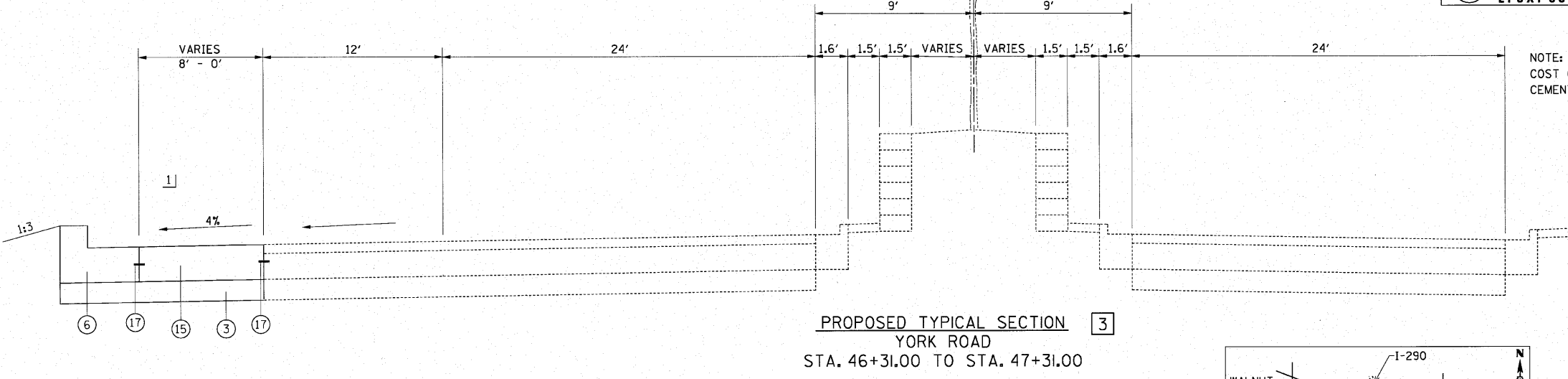
- EXISTING LEGEND**
- (A) GROUND LINE
 - (C) PORTLAND CEMENT CONCRETE PAVEMENT, VARIES 8"-10"
 - (E) HOT-MIX ASPHALT CONCRETE SURFACE AND BINDER RESURFACING, 3" AND VARIES
 - (F) PORTLAND CEMENT CONCRETE SIDEWALK
 - (G) STABILIZED SUB-BASE, 4"-6" AND VARIES
 - (I) HOT-MIX ASPHALT MEDIAN SURFACE
 - (J) HOT-MIX ASPHALT SHOULDER
 - (L) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
 - (M) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24



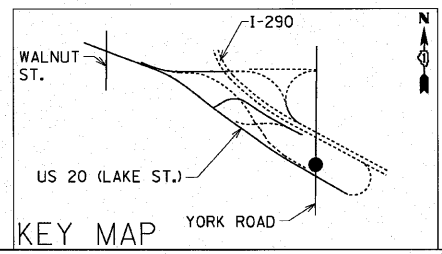
NOTE:
IRRIGATION SYSTEM - SEE GENERAL NOTES

- PROPOSED LEGEND**
- (3) AGGREGATE SUBGRADE, 12"
 - (6) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - (15) PORTLAND CEMENT CONCRETE SHOULDERS, 10 1/4"
 - (17) LONGITUDINAL CONSTRUCTION JOINT WITH #8 TIE BARS, 24" LONG, EPOXY COATED, DEFORMED, 24" O.C., DRILL & GROUT

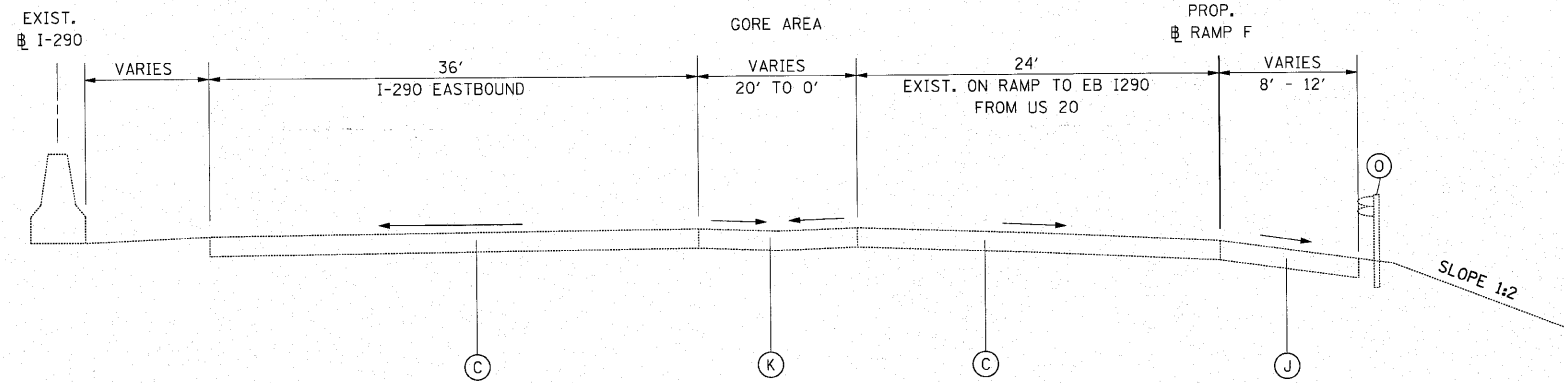
NOTE:
COST OF ALL BOXED ITEMS IS INCLUDED IN THE PORTLAND CEMENT CONCRETE SHOULDERS, 10 1/4" PAY ITEM.



1] VARIES 8' AT STA 46+31.00 TO 0' AT STA. 47+31.00

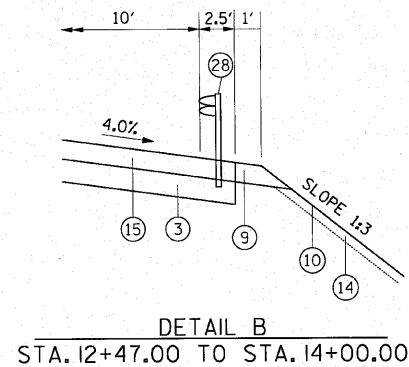
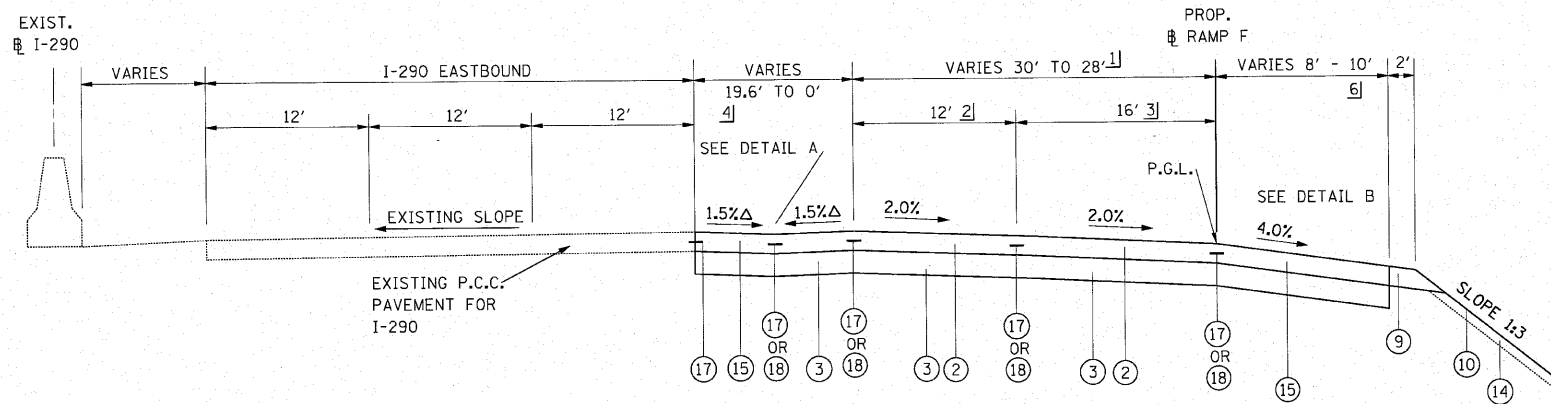


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	PLOT SCALE = 48.0000' / in.	DRAWN - PRH	REVISED -		3537	(4Y & 22-3)R-2	DUPAGE	284	31			
	PLOT DATE = 3/23/2010	CHECKED - SRG	REVISED -		CONTRACT NO. 62093							
	DATE - 1/18/10	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT									
				SCALE: N.T.S.	SHEET NO. 31 OF	SHEETS	STA. 46+31.00 TO STA. 47+31.00					

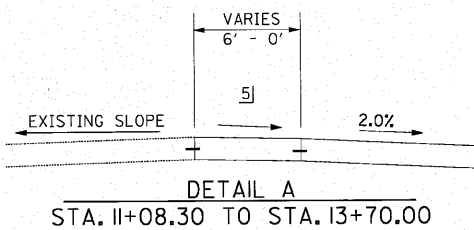


- EXISTING LEGEND**
- (C) P.C.C. PAVEMENT, VARIES 8"-10"
 - (J) HOT-MIX ASPHALT SHOULDER
 - (K) P.C.C. MEDIAN SURFACE
 - (O) GUARDRAIL

EXISTING TYPICAL SECTION [2]
I-290 (RAMP F)
STA. 11+00 TO STA. 15+00.00



DETAIL B
STA. 12+47.00 TO STA. 14+00.00



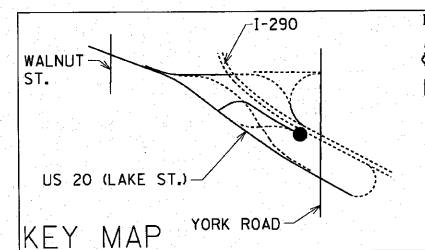
DETAIL A
STA. 11+08.30 TO STA. 13+70.00

- PROPOSED LEGEND**
- (2) PORTLAND CEMENT CONCRETE PAVEMENT, 10 1/4" (JOINTED)
 - (3) AGGREGATE SUBGRADE, 12"
 - (9) AGGREGATE SHOULDER, TYPE B
 - (10) SEEDING, CLASS 2A
 - (14) TOPSOIL, FURNISH AND PLACE, 4"
 - (15) PORTLAND CEMENT CONCRETE SHOULDERS, 10 1/4"
 - (17) LONGITUDINAL CONSTRUCTION JOINT WITH #8 TIE BARS, 24" LONG, EPOXY COATED, DEFORMED, 24" O.C., DRILL & GROUT
 - (18) LONGITUDINAL SAWED JOINT WITH #6 TIE BARS, 30" LONG, EPOXY COATED, DEFORMED, 30" O.C.
 - (28) STEEL PLATE BEAM GUARD RAIL, TYPE A

NOTE:
COST OF ALL BOXED ITEMS IS INCLUDED IN THE PORTLAND CEMENT CONCRETE PAVEMENT, 10 1/4" (JOINTED) PAY ITEM.

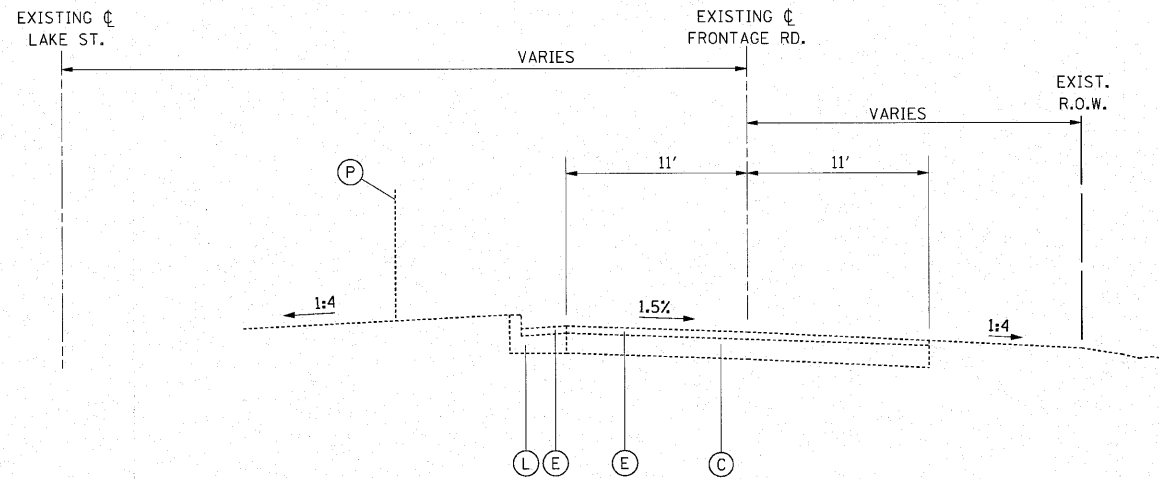
- 1] VARIES 30' AT STA. 6+90 TO 28' AT STA. 10+00
28' AT STA. 10+00 TO STA. 14+00
- 2] WIDTH VARIES 14.48' AT STA. 7+43.55 TO 12.00' AT STA. 10+00
- 3] WIDTH VARIES 15.17' AT STA. 7+43.55 TO 16.00' AT STA. 10+00
- 4] VARIES 19.60' AT STA. 7+43.55 TO 6.00' AT STA. 11+08.30
6.00' AT STA. 11+08.30 TO 0.00' AT STA. 13+70.0

- 5] SLOPE VARIES, SEE SPOT ELEVATION DETAIL SHEET NO. 114
VARIES 6' AT STA. 11+08.30 TO 0' AT STA. 13+70.00
0' FROM STA. 13+70.00 TO STA. 14+00.00
- 6] 8' AT STA. 7+43.55 TO STA. 11+00.00
VARIES 8' AT STA. 11+00.00 TO 10' AT STA. 12+00.00
10' AT STA. 12+00.00 TO STA. 14+00.00
- Δ SLOPE VARIES, SEE SPOT ELEVATIONS DETAIL SHEET 114
AND CROSS SECTIONS



KEY MAP

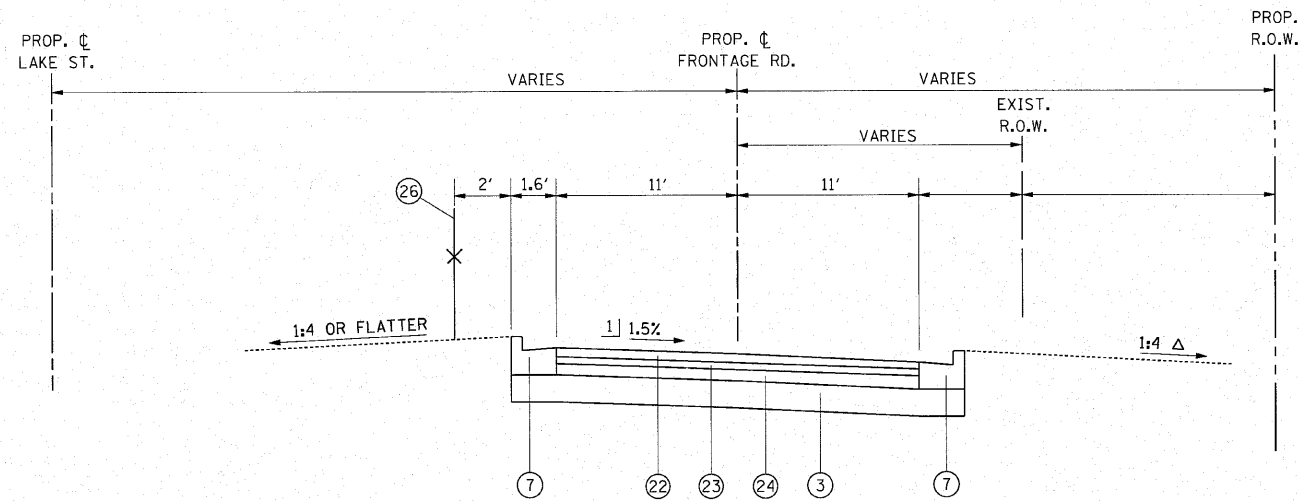
FILE NAME = tjprevl.dgn	USER NAME = IDDT(eng)	DESIGNED - DRAWN - PRH	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-290 (RAMP "F") PROPOSED TYPICAL SECTION		F.A.U. RTE. 3537	SECTION 4Y & 22-31R-2	COUNTY DUPAGE	TOTAL SHEETS 284	SHEET NO. 32	
PLOT SCALE = 48,0000' / in.					SCALE: N.T.S.	SHEET NO. 32 OF	SHEETS	STA. 7+43.55 TO STA. 14+00.00	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			
PLOT DATE = 3/23/2010					DATE = 1/18/10	CONTRACT NO. 62093						



EXISTING TYPICAL SECTION
FRONTAGE ROAD

EXISTING LEGEND

- (C) P.C.C. PAVEMENT, VARIES 8"-10"
- (E) HOT-MIX ASPHALT CONCRETE SURFACE AND BINDER RESURFACING, 3" AND VARIES
- (L) COMBINED CONCRETE CURB AND GUTTER, TYPE B-6.12
- (P) CHAIN LINK FENCE



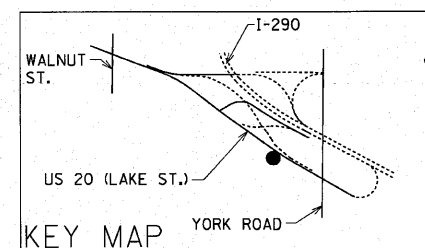
PROPOSED TYPICAL SECTION
FRONTAGE ROAD

PROPOSED LEGEND

- (3) AGGREGATE SUBGRADE, 12"
- (7) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (22) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (1.75")
- (23) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 (2.25")
- (24) HOT-MIX ASPHALT BASE COURSE, 4 1/2"
- (26) CHAIN LINK FENCE, 6'

1] SLOPE VARIES, SEE SPOT ELEVATION DETAIL SHEET 112

Δ SLOPE VARIES; SEE CROSS SECTIONS



FILE NAME = typrev1.dgn	USER NAME = IDOT(eng)	DESIGNED -	REVISED -
		DRAWN - PRH	REVISED -
		CHECKED - SRG	REVISED -
		DATE - 1/18/10	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FRONTAGE ROAD
PROPOSED TYPICAL SECTION

SCALE: N.T.S. SHEET NO. 34 OF SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3537	(4Y & 22-3R-2	DUPAGE	284	34
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 62093	

ROADWAY REMOVAL QUANTITIES

LOCATION	ROAD	STATION	PAVEMENT	HOT-MIX	DRIVEWAY	SIDEWALK	COMB	PAVED	MEDIAN	GUARDRAIL	FENCE	REMOVE
			REMOVAL	ASPHALT	PAVEMENT	REMOVAL	C & G	SHOULDER	REMOVAL	REMOVAL	REMOVAL	OVERHEAD
			SQ. YD.	SURFACE	SQ. YD.	SQ. FT.	FOOT	SQ. YD.	SQ. FT.	FOOT	FOOT	STRUCTURE
				REMOVAL 3"								- SPAN
												EACH
U.S. 20 (LAKE ST.)		355+65 TO 384+00	2444.0	0.0	0.0	0.0	1667.0	288.0	1685.0	260.0	835.0	0.0
		364+00 TO 379+00	4828.0	0.0	0.0	0.0	3320.0	187.0	4830.0	495.0	1515.0	1.0
		379+00 to 388+51.08	3634.0	328.0	0.0	0.0	2657.0	378.0	10099.0	855.0	980.0	0.0
		SUBTOTAL	10906.0	328.0	0.0	0.0	7644.0	851.0	16614.0	1610.0	3340.0	1.0
Ramp E		0+00 TO 4+00	1089.0	0.0	0.0	0.0	800.0	0.0	0.0	0.0	400.0	0.0
		4+00 TO 10+003	2849.0	0.0	0.0	0.0	170.0	1376.0	0.0	1415.0	260.0	0.0
		SUBTOTAL	3938.0	0.0	0.0	0.0	970.0	1376.0	0.0	1415.0	660.0	0.0
Ramp O (Ramp F)		1+00 TO 3+00	3013.0	0.0	0.0	0.0	0.0	1386.0	0.0	607.0	0.0	0.0
		3+00 to 14+00	4477.0	0.0	0.0	0.0	55.0	2470.0	0.0	313.0	0.0	0.0
		SUBTOTAL	7490.0	0.0	0.0	0.0	55.0	3856.0	0.0	920.0	0.0	0.0
York Road		40+08 TO 46+31	428.0	3655.0	341.0	2875.0	1170.0	0.0	233.0	265.0	0.0	0.0
Construction Staging		PRESTAGE	6355.0	0.0	0.0	0.0	0.0	0.0	2970.0	0.0	0.0	0.0
		STAGE I	1534.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		STAGE II	1259.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		STAGE III	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		SUBTOTAL	9148.0	0.0	0.0	0.0	0.0	0.0	2970.0	0.0	0.0	0.0
TOTAL			31910.0	3983.0	341.0	2875.0	9839.0	6083.0	19817.0	4210.0	4000.0	1.0

ROADWAY QUANTITIES

LOCATION	ROAD	STATION	AGGREGATE	PCC	TEMPORARY	PCC	PCC	PROTECTIVE	PCC	PCC	POLYMERIZED	POLYMERIZED	HOT-MIX	LEVELING	BITUMINOUS	STRIP	AGGREGATE	COMB	COMB	CONCRETE	CONCRETE	CONCRETE	CONCRETE
			SUBGRADE	BASE	PAVEMENT	PAVEMENT	COAT	DRIVEWAY	SIDEWALK	HOT-MIX	HOT-MIX	ASPHALT	ASPHALT	ASPHALT	BINDER	MATERIAL	REFLECTIVE	SHOULDERS	CONCRETE	CONCRETE	CONCRETE	CONCRETE	CONCRETE
			12"	COURSE		(JOINTED)	10 1/4"		8"	5"	MIX "F", N90	MIX "F", N90	COURSE 4 1/2"	(MACHINE METHOD)	(PRIME COAT)	CONTROL TREATMENT	TYPE B	TYPE B-6.12	TYPE B-6.24	TYPE B	TYPE SB-6.12	TYPE SB-6.24	TYPE 6"
			SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. FT.	TON	TON	SQ. YD.	TON	TON	FOOT	TON	FOOT	FOOT	FOOT	SQ. FT.	SQ. FT.	SQ. FT.
U.S. 20 (LAKE ST.)		355+65 TO 384+00	5476.0	0.0	0.0	4031.0	746.0	5537.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	117.0	120.0	2765.0	240.0	0.0	210.0	240.0
		364+00 TO 379+00	12415.0	0.0	0.0	9176.0	1181.0	12193.0	0.0	0.0	69.3	59.4	707.0	0.0	1.0	0.0	316.0	1402.0	3753.0	2180.0	0.0	1638.0	2180.0
		379+00 to 388+51.08	5071.0	0.0	0.0	4002.0	490.0	5447.0	0.0	0.0	123.3	26.3	0.0	106.0	0.0	257.0	115.0	576.0	1497.0	0.0	0.0	1932.0	1755.0
		SUBTOTAL	22962.0	0.0	0.0	17209.0	2417.0	23177.0	0.0	0.0	192.6	85.7	707.0	106.0	1.0	257.0	548.0	2098.0	8015.0	2420.0	0.0	3780.0	4175.0
Ramp E		0+00 TO 4+00	908.0	0.0	0.0	667.0	142.0	910.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0	0.0	363.0	0.0	0.0	0.0	0.0
		4+00 TO 10+00	2151.0	0.0	0.0	1885.0	943.0	2828.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	125.0	0.0	0.0	0.0	0.0	0.0	0.0
		SUBTOTAL	3059.0	0.0	0.0	2552.0	1085.0	3738.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	146.0	0.0	363.0	0.0	0.0	0.0	0.0
Ramp F		1+00 TO 3+00	1492.0	0.0	0.0	1157.0	278.0	1489.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	203.3	0.0	70.0	0.0	0.0	0.0	275.0
		3+00 to 14+00	5436.0	0.0	0.0	3543.0	1893.0	5436.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	320.0	0.0	0.0	0.0	0.0	0.0	0.0
		SUBTOTAL	6928.0	0.0	0.0	4700.0	2171.0	6925.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	523.3	0.0	70.0	0.0	0.0	0.0	275.0
York Road		40+08 TO 46+31	609.0	415.0	0.0	0.0	44.0	685.0	287.0	3012.0	375.6	321.9	0.0	0.0	0.0	1521.0	0.0	666.0	200.0	0.0	91.0	0.0	788.0
Construction Staging		PRESTAGE	0.0	0.0	6355.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2970.0	0.0
		STAGE I	0.0	0.0	1534.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		STAGE II	0.0	0.0	1259.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		STAGE III	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		SUBTOTAL	0.0	0.0	9148.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2970.0	0.0
TOTAL			33558.0	415.0	9148.0	24461.0	5717.0	34525.0	287.0	3012.0	568.2	408.0	707.0	106.0	1.0	1778.0	1217.0	2764.0	8683.0	2420.0	91.0	6750.0	5238.0

DRAINAGE REMOVAL QUANTITIES

LOCATION		STORM SEWER REMOVAL 10"	STORM SEWER REMOVAL 12"	STORM SEWER REMOVAL 15"	PIPE CULVERT REMOVAL	BOX CULVERT REMOVAL	MANHOLES TO BE ADJUSTED	REMOVING MANHOLES	REMOVING CATCH BASINS	REMOVING INLETS	PAVED DITCH REMOVAL	INLETS TO BE ADJ WITH NEW FRAME	REMOVING INLETS SPECIAL	DOM. WATER SERVICE BOX TO BE ADJUSTED	WATER & VALVES TO BE ADJUSTED	FIRE HYDRANTS TO BE MOVED
ROAD	STATION	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH	EACH	FOOT	EACH	EACH	EACH	EACH	EACH
U.S. 20 (LAKE ST.)	355+65 TO 364+00	0.0	535.0	40.0	0.0	0.0	0.0	3.0	1.0	5.0	0.0	0.0	1.0	0.0	0.0	0.0
	364+00 TO 379+00	0.0	147.0	128.0	50.0	0.0	0.0	1.0	1.0	2.0	0.0	0.0	4.0	0.0	0.0	0.0
	379+00 to 388+51.08	0.0	180.0	90.0	0.0	120.0	0.0	2.0	2.0	4.0	227.0	0.0	0.0	0.0	0.0	0.0
	SUBTOTAL	0.0	862.0	258.0	50.0	120.0	0.0	6.0	4.0	11.0	227.0	0.0	5.0	0.0	0.0	0.0
Ramp E	0+00 TO 4+00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4+00 TO 10+00	0.0	0.0	0.0	58.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	SUBTOTAL	0.0	0.0	0.0	58.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ramp O (Ramp F)	1+00 TO 3+00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3+00 to 14+00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
	SUBTOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
York Road	40+08 TO 46+31	53.0	20.0	244.0	0.0	0.0	5.0	3.0	0.0	3.0	0.0	1.0	0.0	5.0	5.0	2.0
Construction Staging	PRESTAGE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	STAGE I	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	STAGE II	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	STAGE III	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	SUBTOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL		53.0	882.0	502.0	108.0	120.0	5.0	3.0	4.0	14.0	227.0	1.0	5.0	5.0	5.0	3.0

PATCHING QUANTITIES

LOCATION		CLASS D PATCHES TYPE II 8 INCH	CLASS D PATCHES TYPE III 8 INCH	CLASS D PATCHES TYPE IV 8 INCH	HOT-MIX ASPHALT REMOVAL OVER PATCHES 3"	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES
ROAD	STATION	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	TON
U.S. 20 (LAKE ST.)	360+70 Rt.	0.0	16.7	0.0	20.0	3.3
	364+30 to 366+05 Rt.	0.0	0.0	122.4	137.5	22.7
	SUBTOTAL	0.0	16.7	122.4	157.5	26.0
York Road	41+18 Lt. to 41+25 Rt.	0.0	0.0	25.0	30.0	5.0
	43+97 to 43+90 Rt.	11.1	0.0	0.0	13.3	2.2
	SUBTOTAL	11.1	0.0	25.0	43.3	7.2
TOTAL		11.0	17.0	147.0	201.0	33.0

FENCE QUANTITIES

LOCATION		CHAIN LINK FENCE, 6'	CHAIN LINK GATE 6'x12' DBL	ORNAMENTAL FENCE
ROAD	STATION	LF	EACH	LF
U.S. 20 (LAKE ST.)	355+65 to 364+00 Rt	715	0	0
	361+20 to 364+00 Lt	280	0	0
	364+00 to 367+00 Lt	300	0	0
	364+00 to 376+40 Rt	150	0	0
	369+00 to 379+00 Lt	1000	0	0
	377+00 to 379+00 Rt	0	0	200
	379+00 to 383+70 Lt	470	0	0
	379+00 to 384+85 Rt	0	0	585
	385+20 to 388+50 Lt	330	0	0
	387+40 to 390+00 Rt	260	0	0
	SUBTOTAL	3505	0	785
	Ramp E	0+00 to 10+00 Lt	1000	0
5+75 to 10+00 Rt		480	0	0
SUBTOTAL		1480	0	0
Ramp F	1+60 to 3+00 Lt	140	0	0
	2+30 to 3+00 Rt	95	0	0
	SUBTOTAL	235	0	0
York Road	45+45 to 46+88 Rt	143	0	0
	46+88 to 47+10 Rt	0	1	0
	47+10 to 48+70 Rt	160	0	0
	46+35 to 49+10 Lt	305	0	0
	SUBTOTAL	608	1	0
TOTAL		5828	1	800

NOTE: ACCESS CONTROL FENCE WILL BE PAID FOR AS CHAIN LINK FENCE, 6'

FILE NAME = Drain_remv_misc.dgn	USER NAME = IDDT(eng)	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES	F.A.U. RTE. 3537	SECTION (4Y & 22-3)R-2	COUNTY DUPAGE	TOTAL SHEETS 284	SHEET NO. 37			
PLOT SCALE = 50.0000' / in.		CHECKED - SRG	REVISED -	SCALE: N.T.S.		SHEET NO. 37 OF		SHEETS		STA. N/A	TO STA. N/A	CONTRACT NO. 62093	
PLOT DATE = 3/23/2018		DATE - 1/18/10	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

1 LOCATION	2 EARTH EXCAVATION				3 UNDERCUT AND PGE REPLACEMENT				4 EXCAVATION TO BE USED IN EMBANKMENT (SHINKAGE ADJ. 15%)				5 EMBANKMENT				6 EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)					
	STA TO STA		(CU YD)		(CU YD)		(CU YD)		(CU YD)		(CU YD)		(CU YD)		(CU YD)		(CU YD)					
STAGE	PRE	I	II	III	PRE	I	II	III	PRE	I	II	III	PRE	I	II	III	PRE	I	II	III		
York Road																						
40+08 40+50	50	0	0	0	0	0	0	0	43	0	0	0	0	0	0	0	43	0	0	0	0	
40+50 41+00	73	0	0	0	0	0	0	0	62	0	0	0	0	0	0	0	62	0	0	0	0	
41+00 41+50	80	0	0	0	0	0	0	0	68	0	0	0	0	0	0	0	68	0	0	0	0	
41+50 42+00	86	0	0	0	0	0	0	0	73	0	0	0	0	0	0	0	73	0	0	0	0	
42+00 42+50	77	0	0	0	0	0	0	0	65	0	0	0	0	0	0	0	65	0	0	0	0	
42+50 43+00	60	0	0	0	0	0	0	0	51	0	0	0	0	0	0	0	51	0	0	0	0	
43+00 43+50	44	0	0	0	0	0	0	0	37	0	0	0	0	0	0	0	37	0	0	0	0	
43+50 44+00	35	0	0	0	0	0	0	0	30	0	0	0	4	0	0	0	26	0	0	0	0	
44+00 44+50	80	0	0	0	0	0	0	0	68	0	0	0	7	0	0	0	61	0	0	0	0	
44+50 45+00	87	0	0	0	0	0	0	0	74	0	0	0	4	0	0	0	70	0	0	0	0	
45+00 45+50	88	0	0	0	0	0	0	0	75	0	0	0	1	0	0	0	74	0	0	0	0	
45+50 46+00	130	0	0	0	0	0	0	0	111	0	0	0	1	0	0	0	110	0	0	0	0	
46+00 46+50	87	0	0	0	0	0	0	0	74	0	0	0	0	0	0	0	74	0	0	0	0	
46+50 47+00	32	0	0	0	0	0	0	0	27	0	0	0	0	0	0	0	27	0	0	0	0	
SUBTOTALS	1009	0	0	0	0	0	0	0	858	0	0	0	17	0	0	0	841	0	0	0	0	
TOTALS	3148	15606	11640	419	0	322	188	0	2678	13270	9895	355	176	3328	372	0	2502	9942	9523	355		
	GRAND TOTAL: 30813				GRAND TOTAL: 510				GRAND TOTAL: 26198				GRAND TOTAL: 3876				GRAND TOTAL: 22322					
		PRESTAGE		STAGE I		STAGE II		STAGE III		TOTALS												
EARTH EXCAVATION		3148		15606		11640		419		30813												
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL		0		139		188		0		327												
POROUS GRANULAR EMBANKMENT FURNISHED EXCAVATION		0		139		188		0		327												
		0		0		0		0		0												

1 Location	2 Earth Excavation	3 Unsuitable or Unstable Material	4 Excavation to be used in Embankment Adjusted for Shrinkage	5 Embankment	6 Earthwork Balance Waste (+) or Shortage (-)
	Cubic Yard	Cubic Yard	Cubic Yard	Cubic Yard	Cubic Yard
Sta. 355+65 to 364+00	4710	0	4005	676	+3329
Sta. 364+00 to 379+00	11505	327	9781	1832	+7949
Sta 379+00 to 390+00	4541	0	3860	361	+3499
Ramp E	1977	0	1680	60	+1620
Ramp F	6346	0	5397	840	+4557
Ramp O	124	0	106	17	+89
Ramp WB	601	0	511	73	+438
York Road	1009	0	858	17	+841
Total	30813	327	26198	3876	+22322

Shrinkage Factors: Earth Excavation: 15%
Borrow Excavation: 15%

- Column 1 - Location from plans.
- Column 2 - Cut quantities from cross sections, this does not include topsoil excavation.
- Column 3 - Cut material that is determined to be either unstable or unsuitable for use in embankment.
- Column 4 - Earth Excavation quantities that are to be used as fill material in embankment. Includes deduction for unsuitable material.
- Column 5 - Quantities from cross sections.
- Column 6 - Off-site material needed or material to waste.

PAY ITEMS:
EARTH EXCAVATION 30813 CY
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL 327 CY
FURNISHED EXCAVATION 0 CY

NOTE: EXCESS WASTE MATERIAL TO BE PLACED IN LANDSCAPE BERMS - SEE SHEET 190

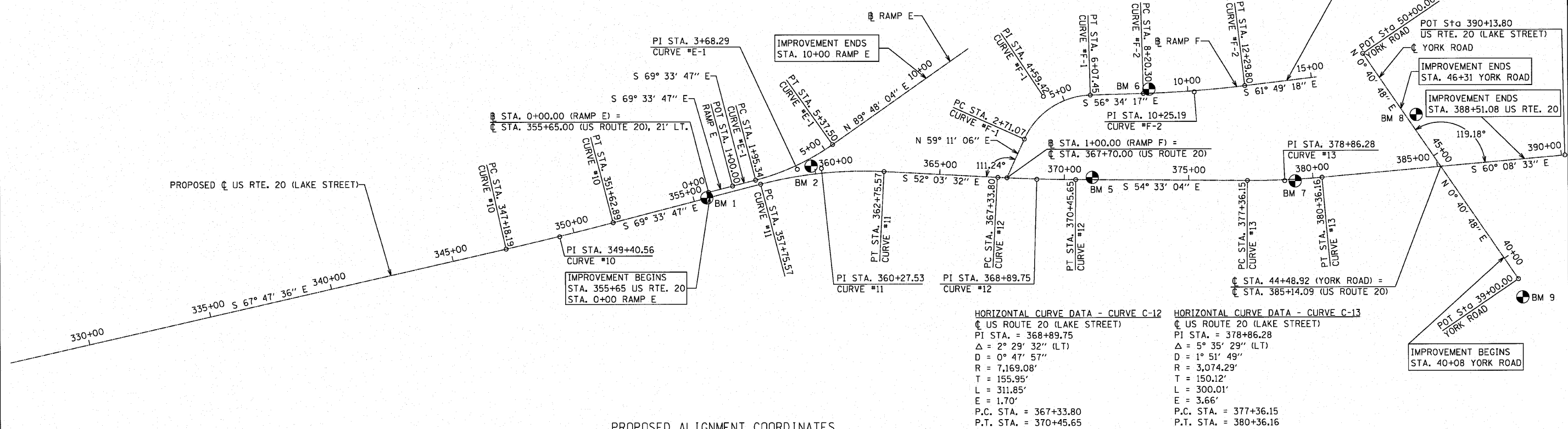
HORIZONTAL CURVE DATA - CURVE C-10
 @ US ROUTE 20 (LAKE STREET)
 PI STA. = 349+40.56
 Δ = 1° 46' 11" (LT)
 D = 0° 23' 53"
 R = 14,397.18'
 T = 222.37'
 L = 444.70'
 E = 1.72'
 P.C. STA. = 347+18.19
 P.T. STA. = 351+62.89

HORIZONTAL CURVE DATA - CURVE C-11
 @ US ROUTE 20 (LAKE STREET)
 PI STA. = 360+27.53
 Δ = 17° 30' 15" (RT)
 D = 3° 30' 03"
 R = 1,636.62'
 T = 251.96'
 L = 500.00'
 E = 19.28'
 P.C. STA. = 357+75.57
 P.T. STA. = 362+75.57

HORIZONTAL CURVE DATA - CURVE E-1
 @ RAMP E
 PI STA. = 3+68.29
 Δ = 20° 38' 10" (LT)
 D = 6° 01' 52"
 R = 950.00'
 T = 172.95'
 L = 342.16'
 E = 15.62'
 P.C. STA. = 1+95.34
 P.T. STA. = 5+37.50

HORIZONTAL CURVE DATA - CURVE F-1
 @ RAMP F
 PI STA. = 4+59.42
 Δ = 64° 14' 37" (RT)
 D = 19° 05' 55"
 R = 300.00'
 T = 188.35'
 L = 336.38'
 E = 54.22'
 P.C. STA. = 2+71.07
 P.T. STA. = 6+07.45

HORIZONTAL CURVE DATA - CURVE F-2
 @ RAMP F
 PI STA. = 10+25.19
 Δ = 5° 15' 01" (LT)
 D = 1° 16' 55"
 R = 4,469.00'
 T = 204.90'
 L = 409.51'
 E = 4.69'
 P.C. STA. = 8+20.30
 P.T. STA. = 12+29.80



PROPOSED ALIGNMENT COORDINATES

		STATION	NORTHING	EASTING
US ROUTE 20	PC #10	347+18.19	1,912,964.53	1,088,230.51
	PI #10	349+40.56	1,912,880.48	1,088,436.39
	PT #10	351+62.89	1,912,802.84	1,088,644.76
	POT	355+65.00	1,912,662.43	1,089,021.56
	PC #11	357+75.57	1,912,588.90	1,089,218.88
	PI #11	360+27.53	1,912,500.92	1,089,454.98
	PT #11	362+75.57	1,912,346.00	1,089,653.69
	PC #12	367+33.80	1,912,064.26	1,090,015.07
	PI #12	368+89.75	1,911,968.37	1,090,138.05
	PT #12	370+45.65	1,911,877.93	1,090,265.10
	PC #13	377+36.15	1,911,477.45	1,090,827.60
	PI #13	378+86.28	1,911,390.38	1,090,949.90
	PT #13	380+36.16	1,911,315.64	1,091,080.10
POT	390+13.80	1,910,828.93	1,091,927.97	
YORK ROAD	POT	39+00.00	1,910,528.83	1,091,488.08
	POT	44+48.92	1,911,077.71	1,091,494.59
	POT	50+00.00	1,911,628.75	1,091,501.13
RAMP E	POT	0+00.00	1,912,682.10	1,089,028.89
	POT	1+00.00	1,912,647.19	1,089,122.60
	PC #E-1	1+95.34	1,912,613.90	1,089,211.94
	PI #E-1	3+68.29	1,912,553.51	1,089,374.00
	PT #E-1	5+37.50	1,912,554.11	1,089,546.95
RAMP F	POT	1+00.00	1,912,042.07	1,090,043.67
	PC #F-1	2+71.07	1,912,129.71	1,090,190.59
	PI #F-1	4+59.42	1,912,226.19	1,090,352.35
	PT #F-1	6+07.45	1,912,122.43	1,090,509.54
	PC #F-2	8+20.30	1,912,005.17	1,090,687.18
	PI #F-2	10+25.19	1,911,892.30	1,090,858.18
	PT #F-2	12+29.80	1,911,795.54	1,091,038.79

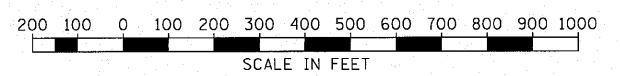
HORIZONTAL CURVE DATA - CURVE C-12
 @ US ROUTE 20 (LAKE STREET)
 PI STA. = 368+89.75
 Δ = 2° 29' 32" (LT)
 D = 0° 47' 57"
 R = 7,169.08'
 T = 155.95'
 L = 311.85'
 E = 1.70'
 P.C. STA. = 367+33.80
 P.T. STA. = 370+45.65

HORIZONTAL CURVE DATA - CURVE C-13
 @ US ROUTE 20 (LAKE STREET)
 PI STA. = 378+86.28
 Δ = 5° 35' 29" (LT)
 D = 1° 51' 49"
 R = 3,074.29'
 T = 150.12'
 L = 300.01'
 E = 3.66'
 P.C. STA. = 377+36.15
 P.T. STA. = 380+36.16

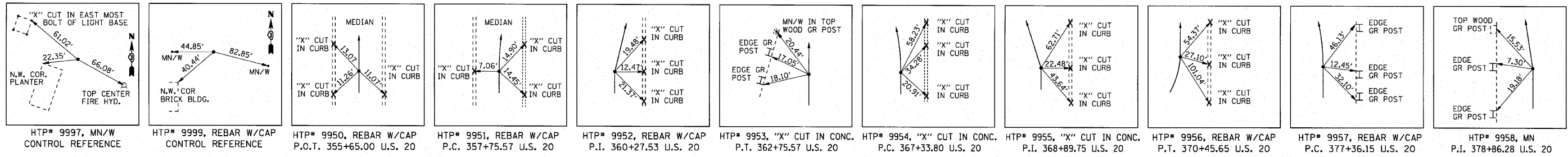
BENCHMARKS

NO.	LOCATION & DESCRIPTION	ELEVATION	NORTHING	EASTING
1	"X" CUT IN CONCRETE MEDIAN US RTE. 20 (LAKE STREET)	695.31	12,667.660	89,010.7600
2	IRON PIN W/CAP IN MEDIAN OF US RTE. 20 (LAKE STREET)	697.85	12,532.474	89,426.520
5	IRON PIN IN RAMP GORE OF US RTE. 20 (LAKE STREET)	692.67	11,846.9610	90,324.4970
6	IRON PIN NEAR I-290 AND RAMP F	693.19	12,006.4100	90,715.73
7	PK NAIL IN MEDIAN OF US RTE. 20 (LAKE STREET)	690.15	11,365.4720	90,983.3020
8	"X" CUT IN SIDEWALK NEAR DRIVE ON NORTHBOUND YORK ROAD	685.99	11,305.0370	91,534.4180
9	PK NAIL IN SIDEWALK NEAR BURGER KING ON YORK ROAD THIS POINT HAS BEEN DESTROYED	686.88		

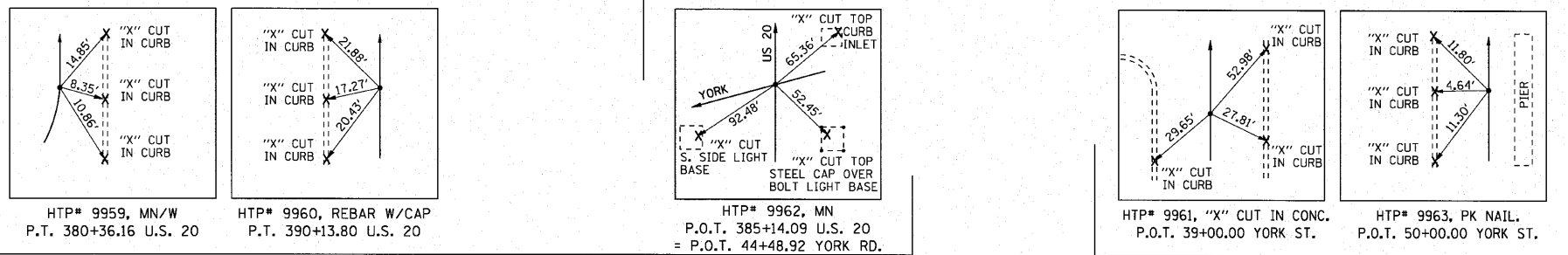
NOTE:
 ALL COORDINATES SHOWN ARE BASED UPON
 A PROJECT SPECIFIC COORDINATE SYSTEM.



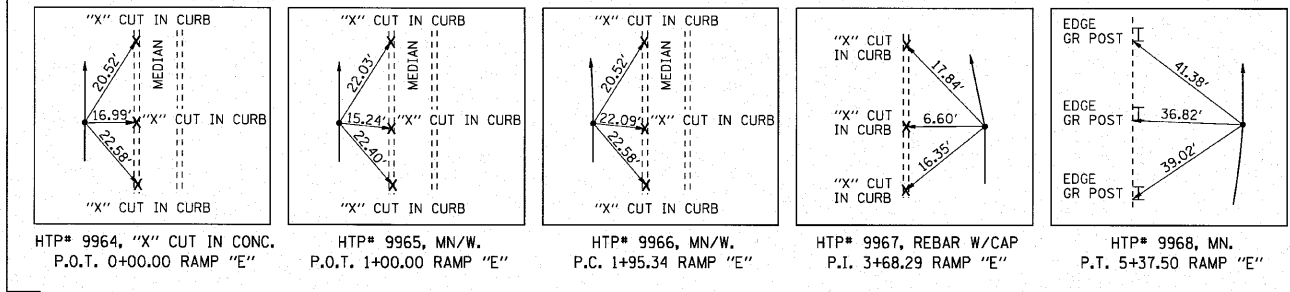
LAKE STREET / U.S. 20



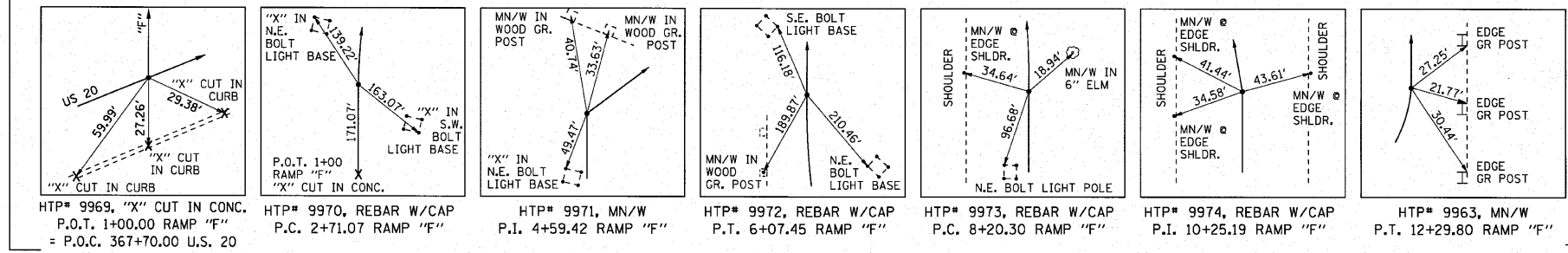
YORK STREET



RAMP "E"



RAMP "F"



FILE NAME =
references.dgn

USER NAME = IDCT(ang)
DRAWN - PRH
CHECKED - SRG
DATE - 1/18/10

DESIGNED -
REVISIONS -
REVISIONS -
REVISIONS -

REVISIONS -
REVISIONS -
REVISIONS -







STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

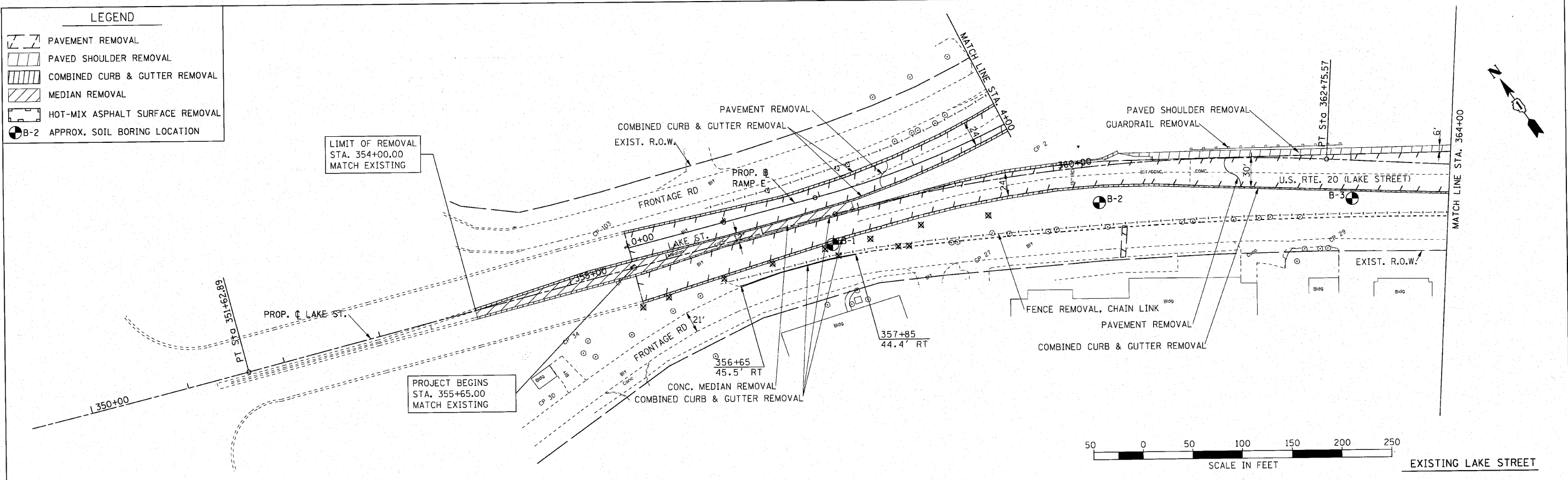
REFERENCE TIES

SCALE: N.T.S. SHEET NO. 42 OF SHEETS STA. N/A TO STA. N/A

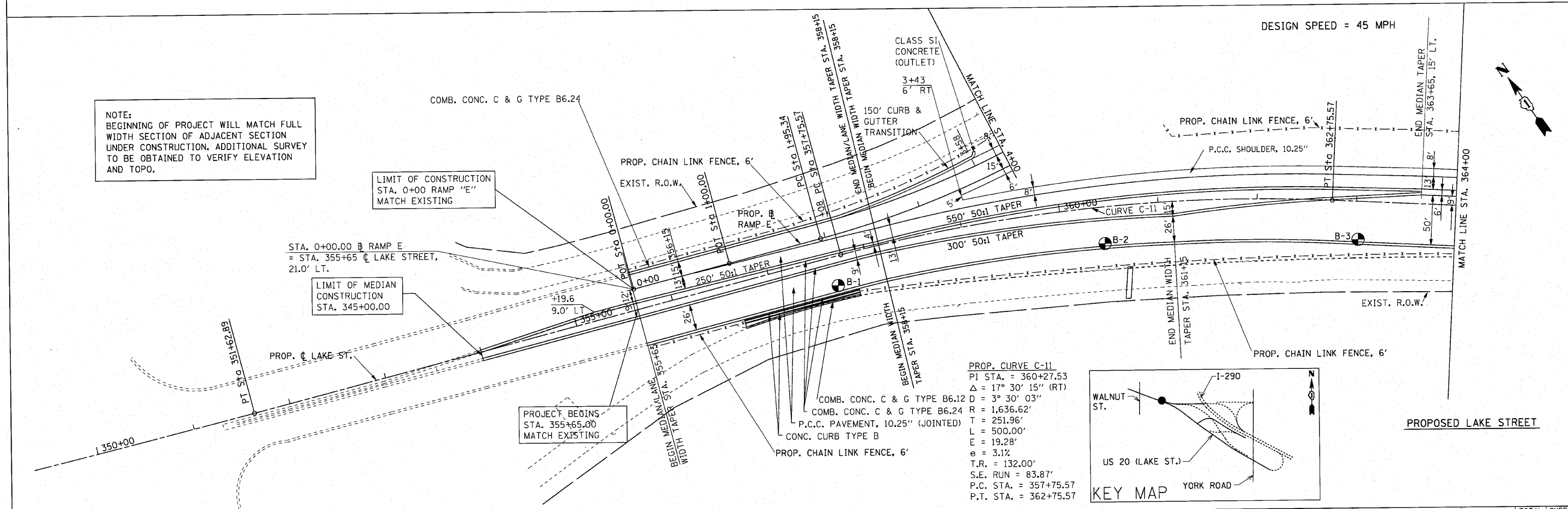
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3537	(4Y & 22-3R-2)	DUPAGE	284	42
CONTRACT NO. 62093				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

LEGEND

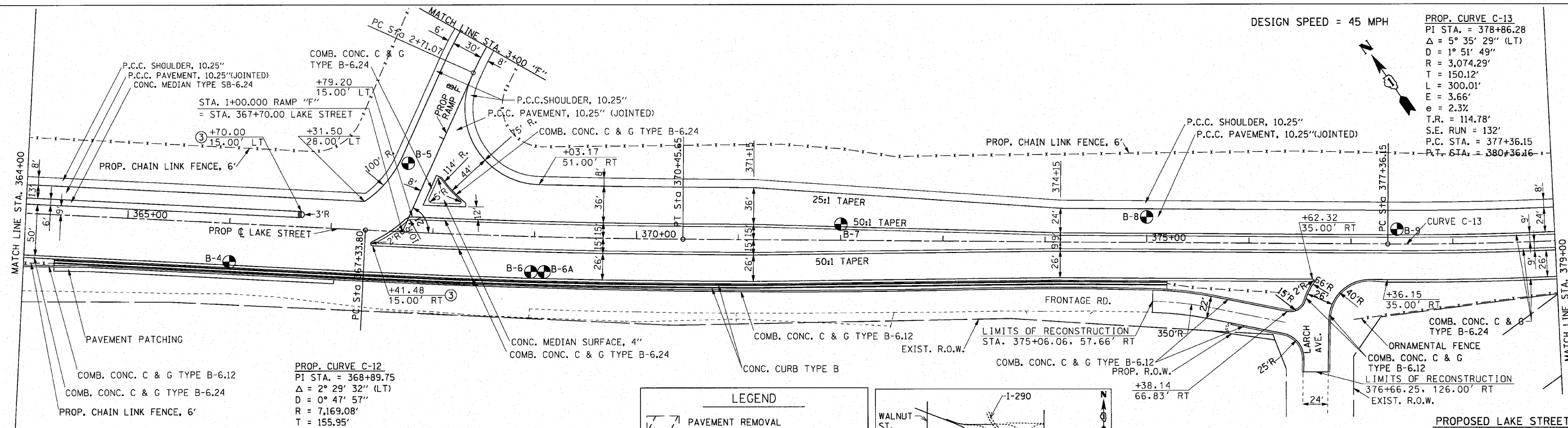
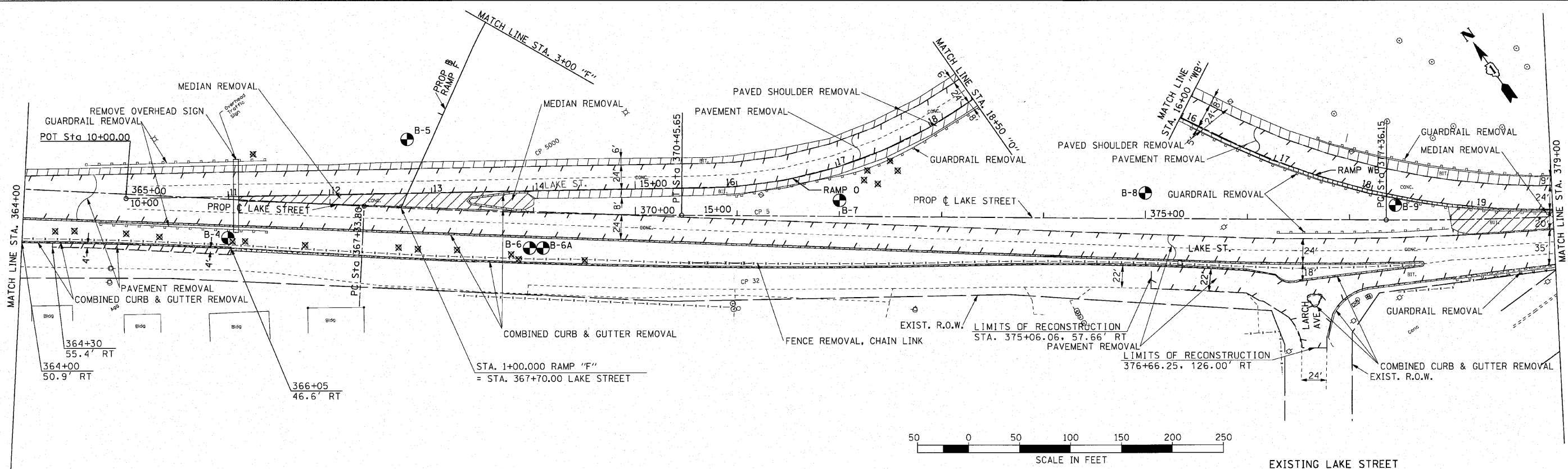
-  PAVEMENT REMOVAL
-  PAVED SHOULDER REMOVAL
-  COMBINED CURB & GUTTER REMOVAL
-  MEDIAN REMOVAL
-  HOT-MIX ASPHALT SURFACE REMOVAL
-  B-2 APPROX. SOIL BORING LOCATION



NOTE:
BEGINNING OF PROJECT WILL MATCH FULL WIDTH SECTION OF ADJACENT SECTION UNDER CONSTRUCTION. ADDITIONAL SURVEY TO BE OBTAINED TO VERIFY ELEVATION AND TOPO.



FILE NAME = 021.plan.dgn	USER NAME = ID01(ang)	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	U.S. ROUTE 20 (LAKE STREET) ROADWAY PLAN		F.A.U. RTE. 3537	SECTION (4Y & 22-31R-2)	COUNTY DUPAGE	TOTAL SHEETS 284	SHEET NO. 43
	PLOT SCALE = 5/8"=20' @ 1/4"	CHECKED - SRG	REVISED -		SCALE: 1"=50'	SHEET NO. 43 OF SHEETS	STA. 355+65 TO STA. 364+00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 62093	
PLOT DATE = 3/19/2010	DATE = 1/18/10	REVISED -	REVISED -								



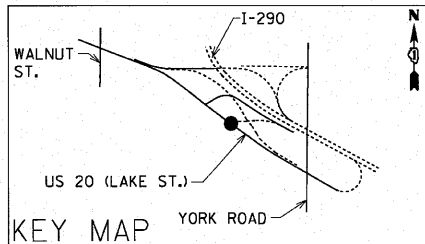
NOTE:
 1. SEE STD. 606301 FOR PCC ISLAND DETAILS
 ③ SEE SHEET 170 FOR DETAIL OF RAMPED MEDIAN NOSE

PROP. CURVE C-12
 PI STA. = 368+89.75
 $\Delta = 2^\circ 29' 32''$ (LT)
 $D = 0^\circ 47' 57''$
 $R = 7,169.08'$
 $T = 155.95'$
 $L = 311.85'$
 $e = 1.70'$
 $e = N.C.$
 P.C. STA. = 367+33.80
 P.T. STA. = 370+45.65

DESIGN SPEED = 45 MPH
 PROP. CURVE C-13
 PI STA. = 378+86.28
 $\Delta = 5^\circ 35' 29''$ (LT)
 $D = 1^\circ 51' 49''$
 $R = 3,074.29'$
 $T = 150.12'$
 $L = 300.01'$
 $E = 3.66'$
 $e = 2.3\%$
 $T.R. = 114.78'$
 $S.E. RUN = 132'$
 P.C. STA. = 377+36.15
 P.T. STA. = 380+36.16

LEGEND

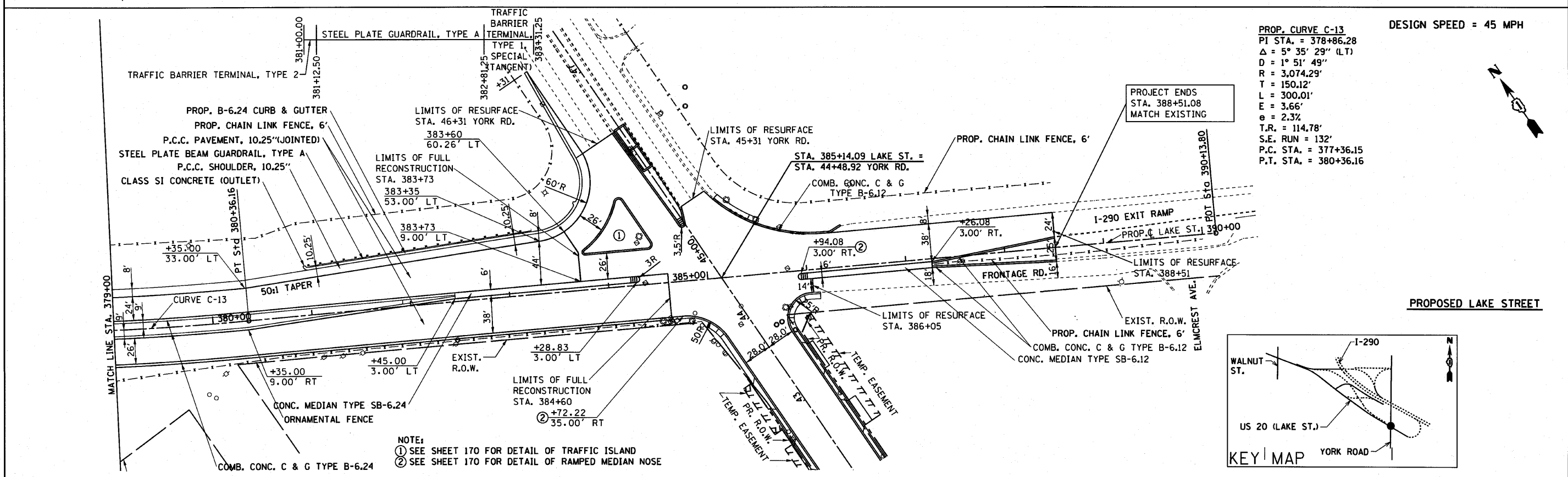
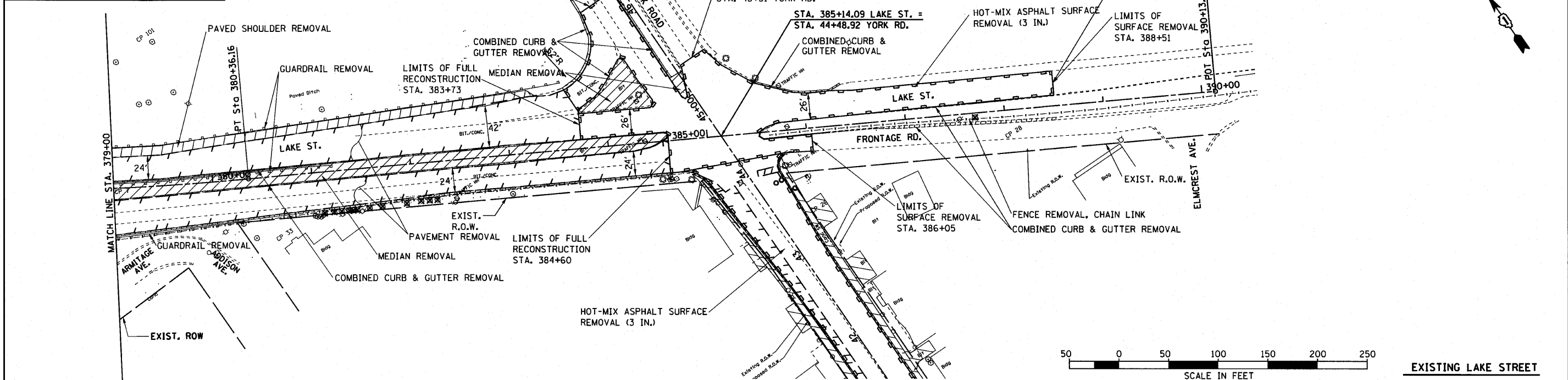
	PAVEMENT REMOVAL
	PAVED SHOULDER REMOVAL
	COMBINED CURB & GUTTER REMOVAL
	MEDIAN REMOVAL
	HOT-MIX ASPHALT SURFACE REMOVAL
	B-2 APPROX. SOIL BORING LOCATION



FILE NAME = 201-plan.dgn	USER NAME = IDDT(eng)	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	U.S. ROUTE 20 (LAKE STREET) ROADWAY PLAN	F.A.U. RTE. = 3537	SECTION = (4Y & 22-3R-2)	COUNTY = DUPAGE	TOTAL SHEETS = 284	SHEET NO. = 44		
PLOT SCALE = 50.0000 "/>												
PLOT DATE = 3/23/2018	CHECKED - SRG	REVISED -	SCALE: 1"=50'			SHEET NO. 44 OF	SHEETS	STA. 364+00	TO STA. 379+00	CONTRACT NO. 62093		
DATE = 1/18/10	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT										

LEGEND







	PAVEMENT REMOVAL
	PAVED SHOULDER REMOVAL
	COMBINED CURB & GUTTER REMOVAL
	MEDIAN REMOVAL
	HOT-MIX ASPHALT SURFACE REMOVAL
	APPROX. SOIL BORING LOCATION



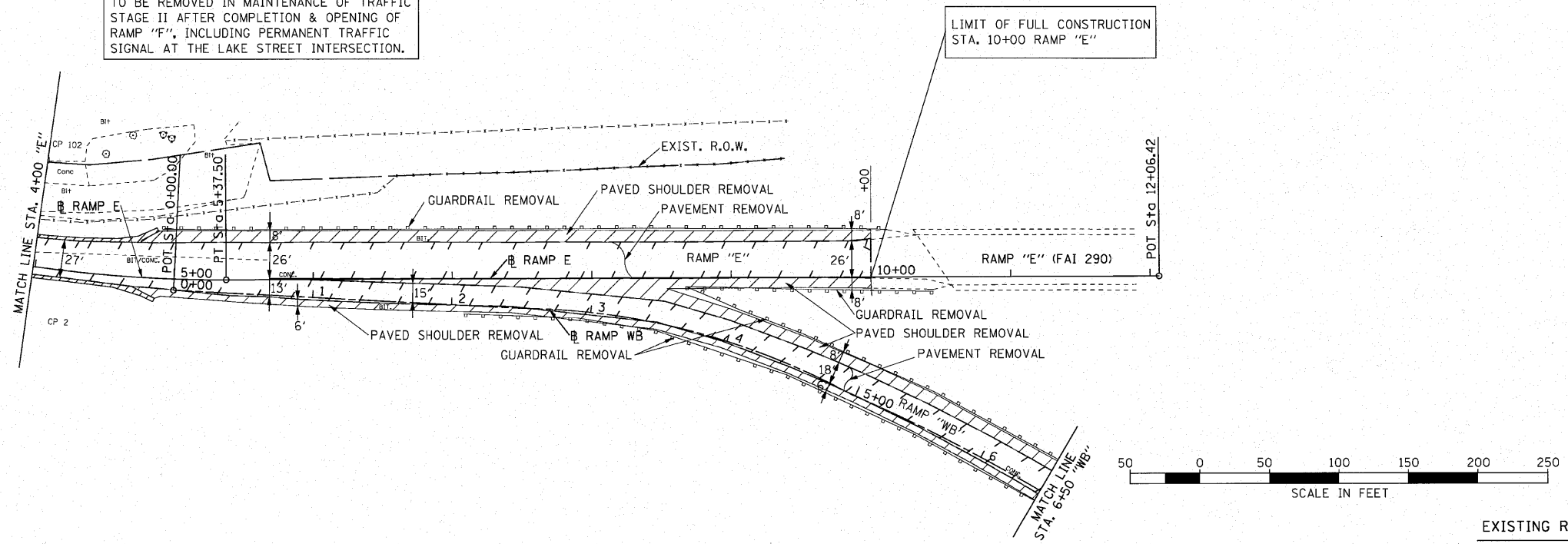
FILE NAME =	USER NAME = nranpfer	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	U.S. ROUTE 20 (LAKE STREET) ROADWAY PLAN	F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
FILEL		DRAWN - BLV	REVISED -			3537	(4Y & 22-3R-2)	DUPAGE	284	45	
		CHECKED - SRG	REVISED -			CONTRACT NO. 62093					
		DATE - 1/18/10	REVISED -			FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT					

SCALE: 1"=50' SHEET NO. 45 OF SHEETS STA. 379+00 TO STA. 390+25

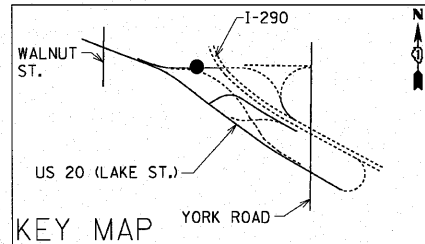
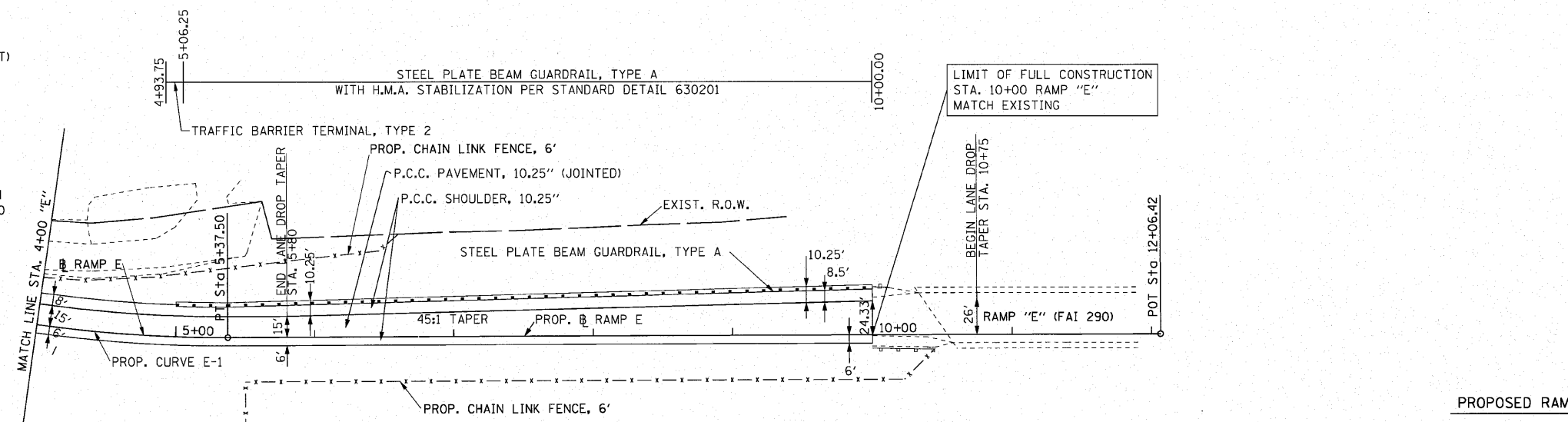
LEGEND

-  PAVEMENT REMOVAL
-  PAVED SHOULDER REMOVAL
-  COMBINED CURB & GUTTER REMOVAL
-  MEDIAN REMOVAL
-  HOT-MIX ASPHALT SURFACE REMOVAL
-  B-2 APPROX. SOIL BORING LOCATION

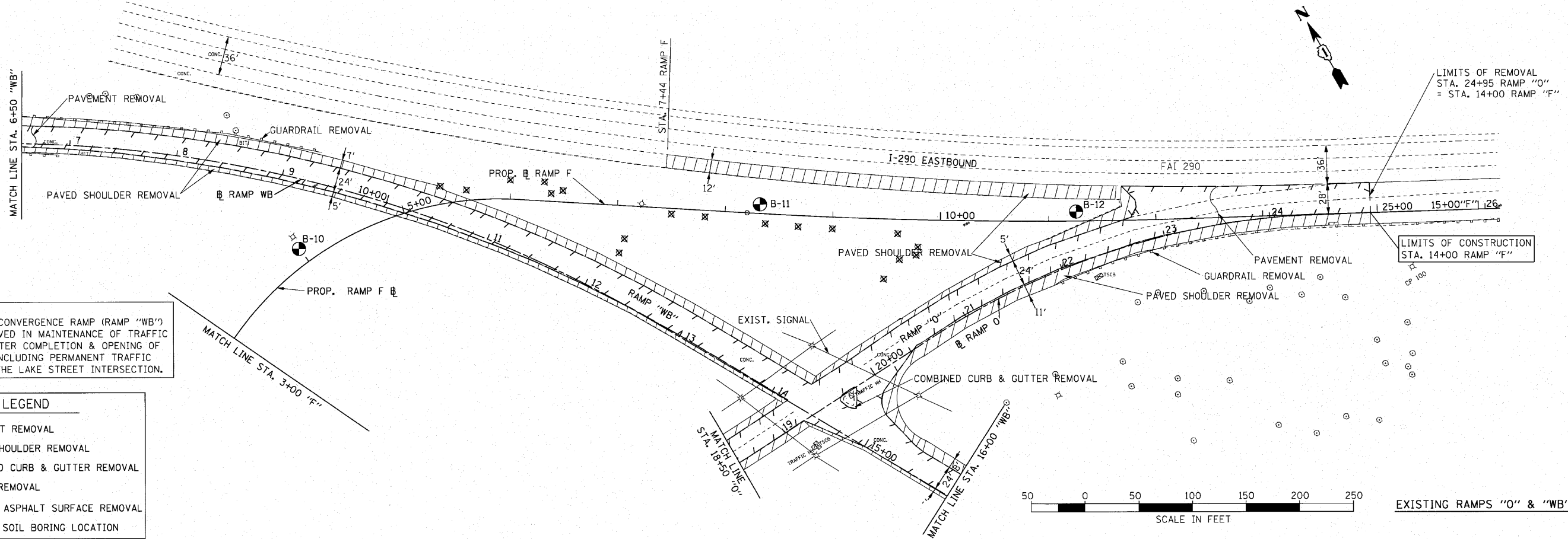
NOTE:
WESTBOUND CONVERGENCE RAMP (RAMP "WB")
TO BE REMOVED IN MAINTENANCE OF TRAFFIC
STAGE II AFTER COMPLETION & OPENING OF
RAMP "F", INCLUDING PERMANENT TRAFFIC
SIGNAL AT THE LAKE STREET INTERSECTION.



PROP. CURVE E-1
PI STA. = 3+68.29
 $\Delta = 20^\circ 38' 10''$ (LT)
D = 6° 01' 52"
R = 950.00'
T = 172.95'
L = 342.16'
E = 15.62'
e = 3.8%
T.R. = 132.00'
S.E. RUN = N.A.
P.C. STA. = 1+95.34
P.T. STA. = 5+37.50



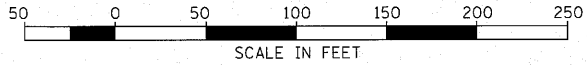
FILE NAME = 001.plendgn	USER NAME = IDDT(eng)	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RAMP "E" ROADWAY PLAN		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.0000' / 1" =	DRAWN - BLV	REVISED -				3537	(4Y & 22-3)R-2	DUPAGE	284	46
	PLOT DATE = 3/22/2010	CHECKED - SRG	REVISED -				CONTRACT NO. 62093				
	DATE = 1/18/10	DATE = 1/18/10	REVISED -				FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				
				SCALE: 1"=50'	SHEET NO. 46 OF	SHEETS	STA. 4+00	TO STA. 12+06.42			



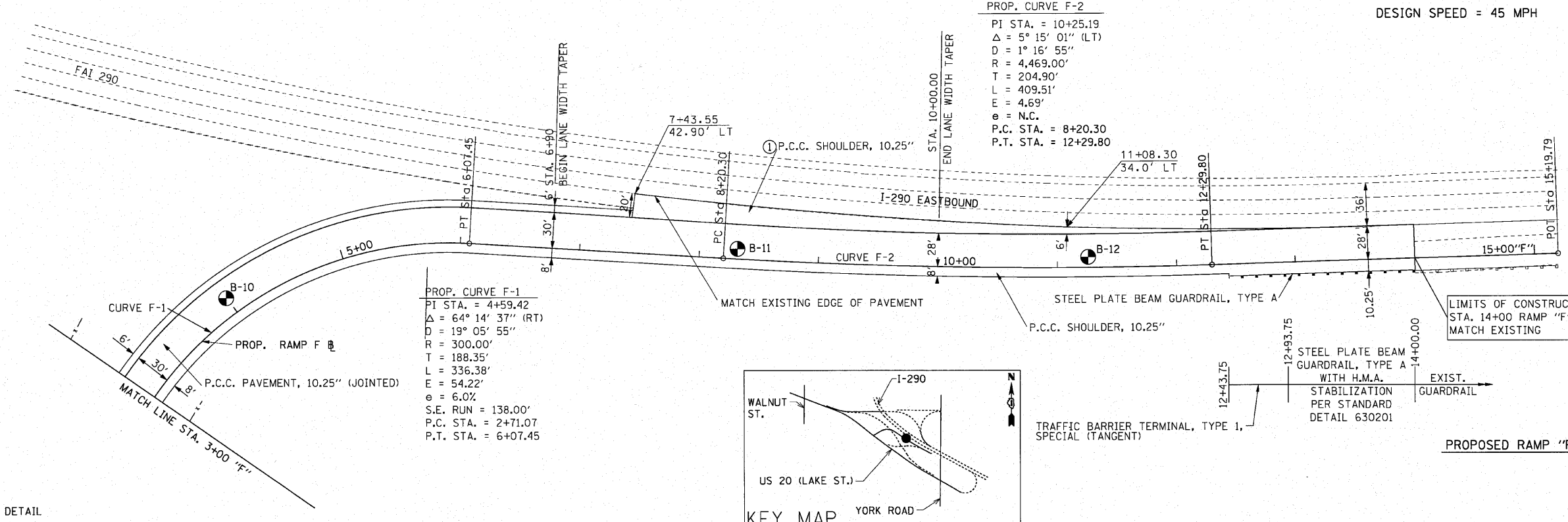
NOTE:
WESTBOUND CONVERGENCE RAMP (RAMP "WB") TO BE REMOVED IN MAINTENANCE OF TRAFFIC STAGE II AFTER COMPLETION & OPENING OF RAMP "F", INCLUDING PERMANENT TRAFFIC SIGNAL AT THE LAKE STREET INTERSECTION.

LEGEND

	PAVEMENT REMOVAL
	PAVED SHOULDER REMOVAL
	COMBINED CURB & GUTTER REMOVAL
	MEDIAN REMOVAL
	HOT-MIX ASPHALT SURFACE REMOVAL
	APPROX. SOIL BORING LOCATION



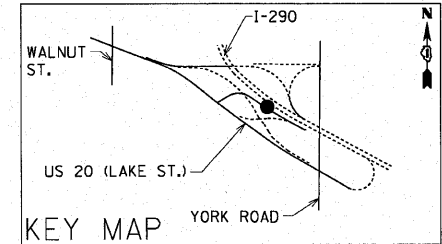
EXISTING RAMPS "O" & "WB"



DESIGN SPEED = 45 MPH

PROP. CURVE F-2
 PI STA. = 10+25.19
 Δ = 5° 15' 01" (LT)
 D = 1° 16' 55"
 R = 4,469.00'
 T = 204.90'
 L = 409.51'
 E = 4.69'
 e = N.C.
 P.C. STA. = 8+20.30
 P.T. STA. = 12+29.80







PROP. CURVE F-1
 PI STA. = 4+59.42
 Δ = 64° 14' 37" (RT)
 D = 19° 05' 55"
 R = 300.00'
 T = 188.35'
 L = 336.38'
 E = 54.22'
 e = 6.0%
 S.E. RUN = 138.00'
 P.C. STA. = 2+71.07
 P.T. STA. = 6+07.45

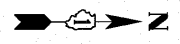
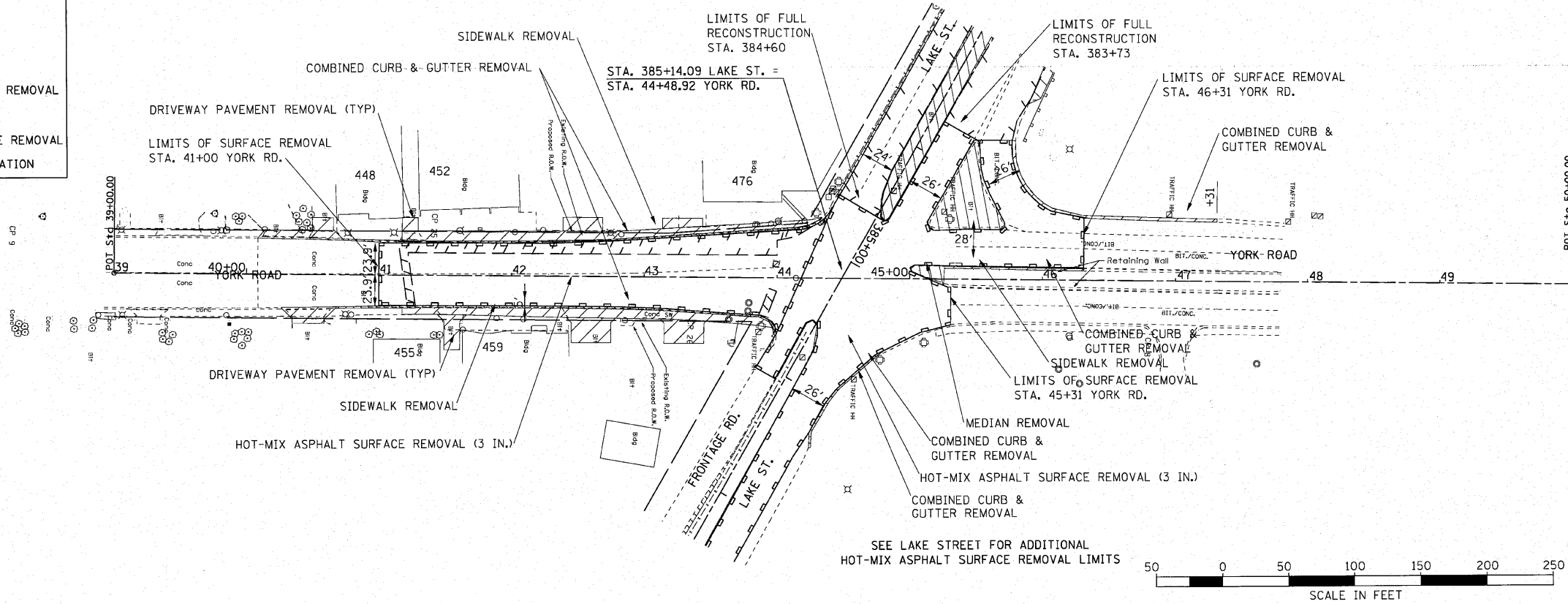


NOTE:
① SEE SHEET 114 FOR GORE DETAIL

FILE NAME = 201.plan.dgn	USER NAME = examples	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RAMP "F" ROADWAY PLAN	F.A.J. RTE. 3537	SECTION (4Y & 22-3R-2)	COUNTY DUPAGE	TOTAL SHEETS 284	SHEET NO. 47		
PLOT SCALE = 50.0000" / 1"	DRAWN - BLV	CHECKED - SRG	REVISED -			SCALE: 1"=50'	SHEET NO. 47 OF SHEETS	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 62093		
PLOT DATE = 3/19/2010	DATE - 1/18/10	REVISED -	REVISED -			STA. 3+00	TO STA. 14+00					

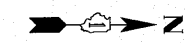
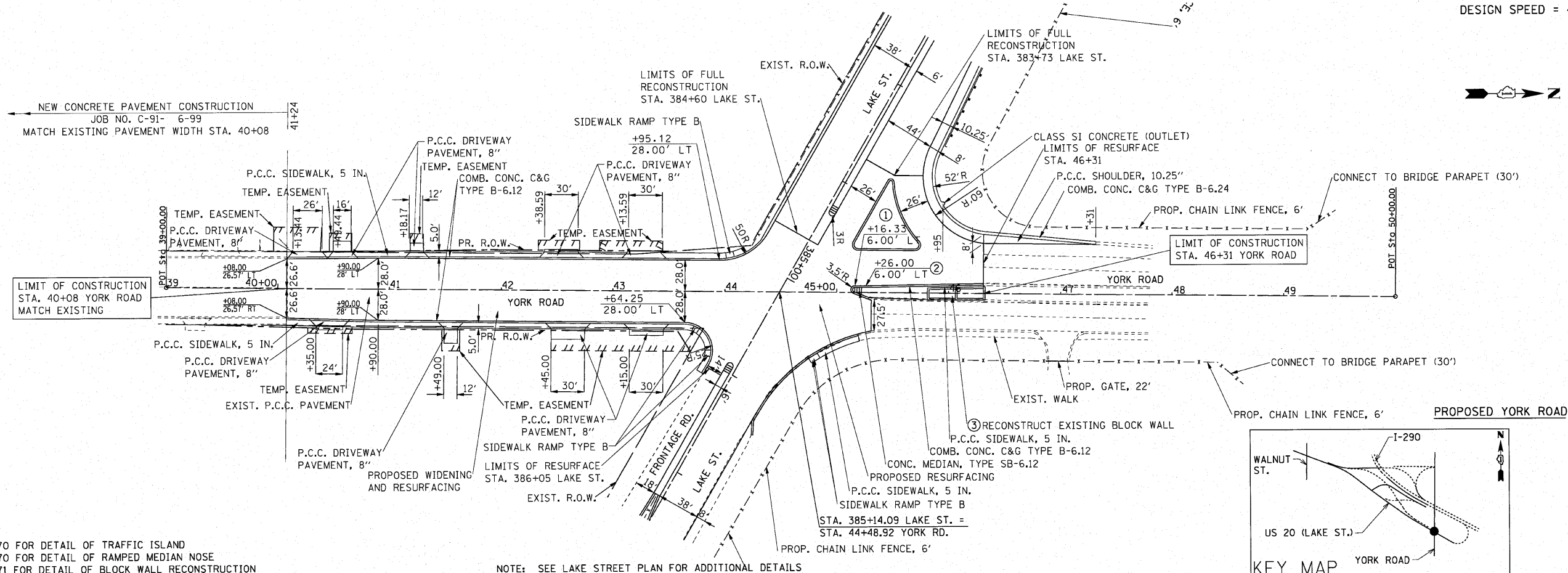
LEGEND

-  PAVEMENT REMOVAL
-  PAVED SHOULDER REMOVAL
-  COMBINED CURB & GUTTER REMOVAL
-  MEDIAN REMOVAL
-  HOT-MIX ASPHALT SURFACE REMOVAL
-  APPROX. SOIL BORING LOCATION

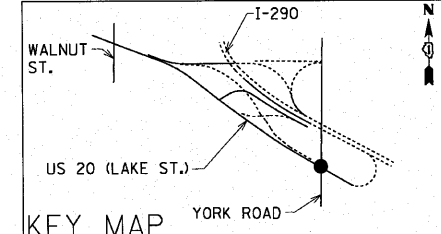


EXISTING YORK ROAD

DESIGN SPEED = 45 MPH



PROPOSED YORK ROAD



- NOTE:
- ① SEE SHEET 170 FOR DETAIL OF TRAFFIC ISLAND
 - ② SEE SHEET 170 FOR DETAIL OF RAMPED MEDIAN NOSE
 - ③ SEE SHEET 171 FOR DETAIL OF BLOCK WALL RECONSTRUCTION

NOTE: SEE LAKE STREET PLAN FOR ADDITIONAL DETAILS

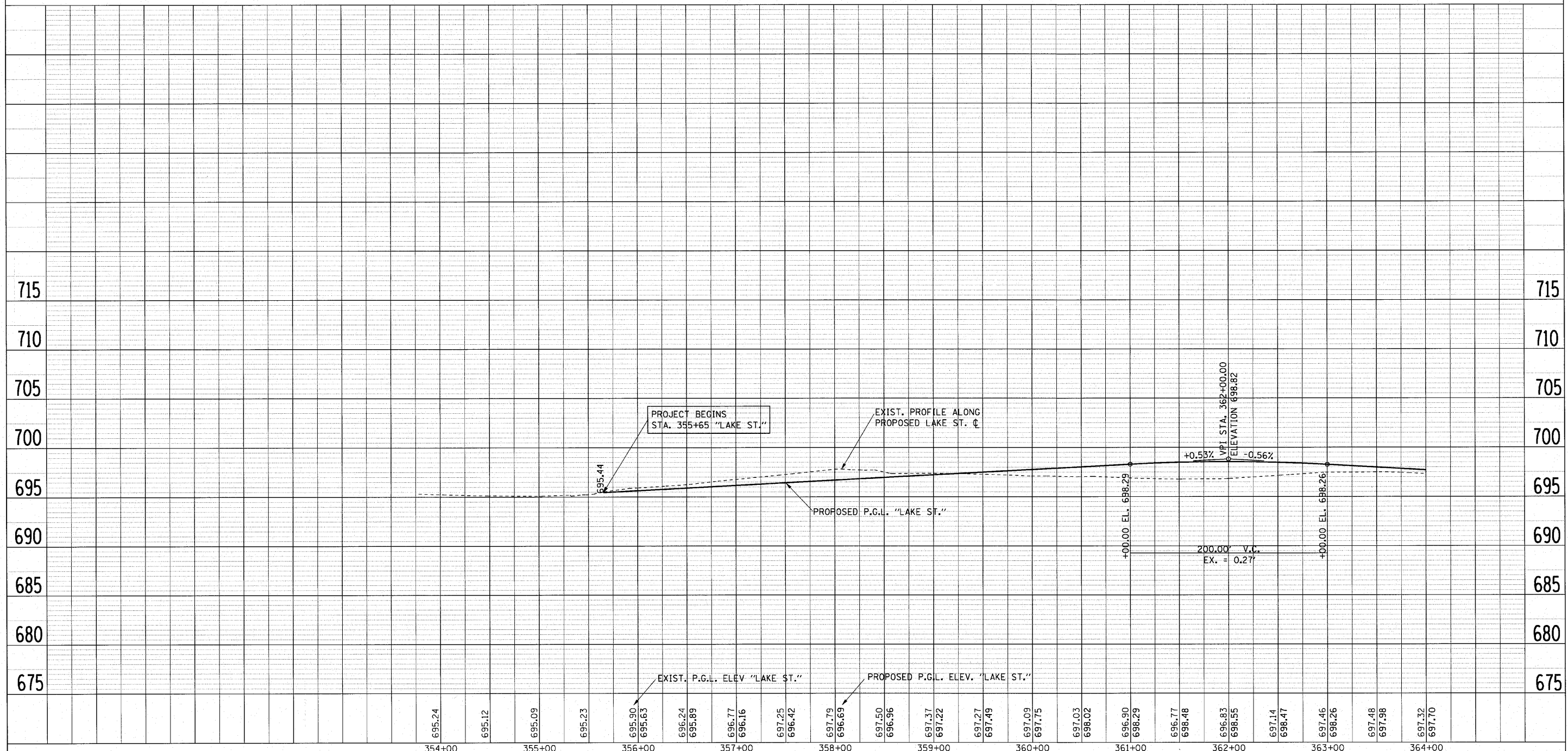
FILE NAME = 201.plan.dgn	USER NAME = examples	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	YORK ROAD ROADWAY PLAN		F.A.U. RTE. 3537	SECTION (4Y & 22-3)R-2	COUNTY	TOTAL SHEETS 284	SHEET NO. 48
	PLOT SCALE = 50.0000' / 1" =	CHECKED - SRG	REVISED -		SCALE: 1"=50'	SHEET NO. 48 OF	SHEETS	STA. 40+08	TO STA. 46+31	DUPAGE	CONTRACT NO. 62093
PLOT DATE = 3/22/2010	DATE = 1/18/10	REVISED -							FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT		

PLAN	DATE
SURVEYED	BY
ALIGNED	CHECKED
CADD FILE NAME	NO.

PROFILE	DATE
DESIGNED	BY
CHECKED	CHECKED
NOTES	NO.

BM# 1 ELEV. 695.259 "X" CUT IN CONC. MEDIAN
STA. 355+53.05 "LAKE ST.", 1.13' LT.

BM# 2 ELEV. 697.794 "X" CUT IN MOST SOUTH BOLT LIGHT POLE
STA. 359+86.14 "LAKE ST.", 33.43' LT.



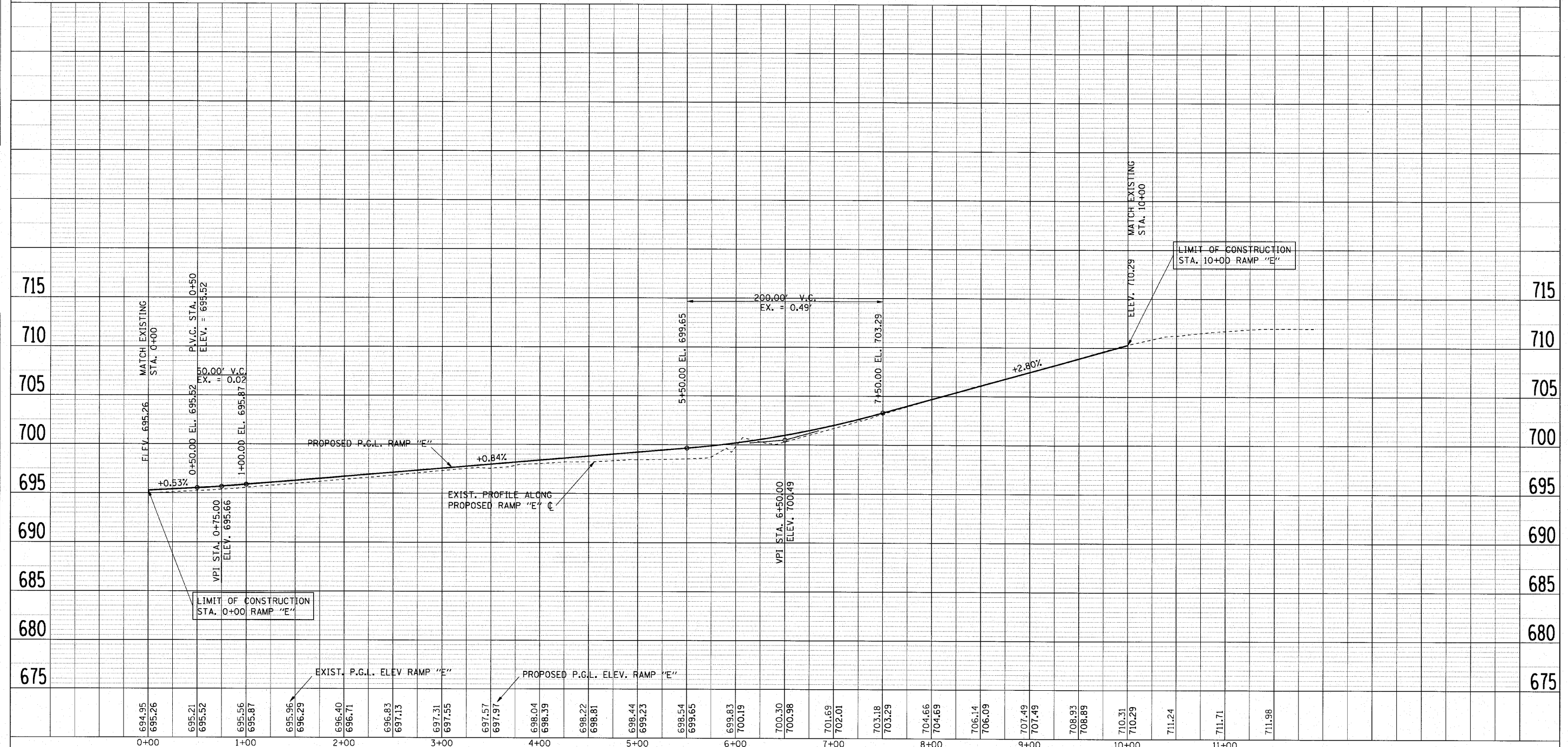
FILE NAME = 001.profile.dgn	USER NAME = IDOT(eng)	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				LAKE STREET PROFILE				F.A.U. RTE. 3537	SECTION (4Y & 22-3R-2)	COUNTY DUPAGE	TOTAL SHEETS 284	SHEET NO. 49
PLOT SCALE = 50.0000' / 1"	CHECKED - SRG	DRAWN - BLV	REVISED -									SCALE: 1:50 H 1:5 V				SHEET NO. 49 OF SHEETS
PLOT DATE = 3/23/2010	DATE - 1/18/10	CHECKED -	REVISED -									CONTRACT NO. 62093				
												FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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

PROFILE	DATE
NO.	
BY	
DATE	
DESIGNED	
CHECKED	
DRAWN	
DATE	
BY	
DATE	

BM# 1 ELEV. 695.259 "X" CUT IN CONC. MEDIAN
STA. 355+53.05 "LAKE ST.", 1.13' LT.

BM# 2 ELEV. 697.794 "X" CUT IN MOST SOUTH BOLT LIGHT POLE
STA. 359+86.14 "LAKE ST.", 33.43' LT.

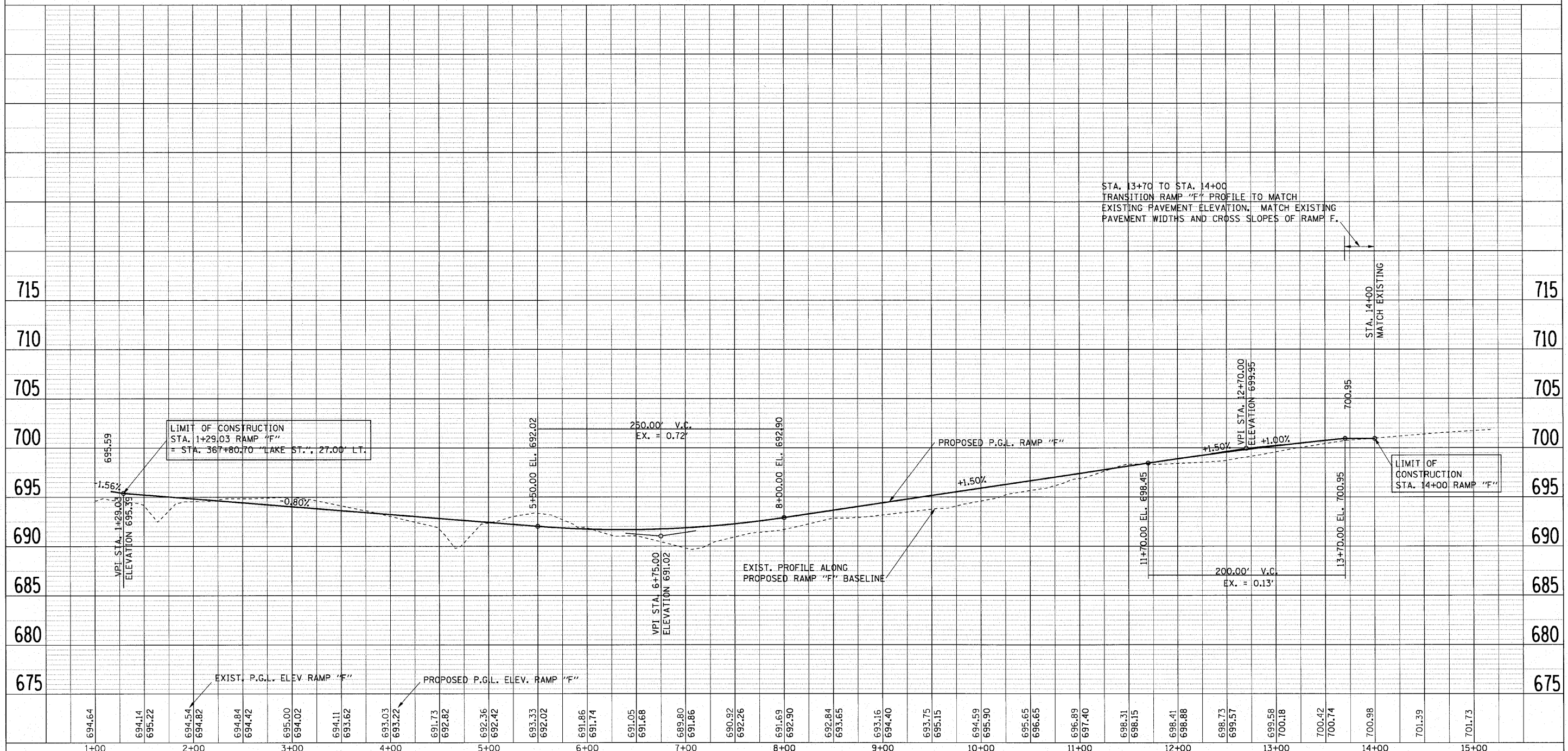


FILE NAME = 201.profile.dgn	USER NAME = IDOT(eng)	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WESTBOUND I-290 OFF RAMP "E" ROADWAY PROFILE	F.A.U. RTE. 3537	SECTION (4Y & 22-3R-2)	COUNTY DUPAGE	TOTAL SHEETS 284	SHEET NO. 52	
PLOT SCALE = 50.0000' / in.	CHECKED - SRG	REVISD -	REVISD -			CONTRACT NO. 62093					
PLOT DATE = 1/15/2010	DATE = 1/18/10	REVISD -	REVISD -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
SCALE: 1:50 H 1:5 V SHEET NO. 52 OF SHEETS						STA. 0+00 TO STA. 10+00					

PLAN	SURVEYED	BY	DATE
NOTE BOOK	ALIGNED		
NO.	FILE NAME		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	NOTED		
NO.	NOTATION		

BM# 6 ELEV. 693.195 IP/CAP
STA. 8+43.53 "RAMP F", 16.70' LT.



FILE NAME = 001.prf11e.dgn	USER NAME = IDDTeng	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EASTBOUND I-290 OFF RAMP "F" ROADWAY PROFILE			F.A.U. RTE. 3537	SECTION 14Y & 22-3R-2	COUNTY DUPAGE	TOTAL SHEETS 284	SHEET NO. 53
	PLOT SCALE = 50.0000' / 1"	DRAWN - BLV	REVISED -		SCALE: 1:50 H 1:5 V	SHEET NO. 53 OF	SHEETS	STA. 1+00	TO STA. 14+00	CONTRACT NO. 62093		
	PLOT DATE = 1/15/2010	CHECKED - SRG	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
		DATE - 1/18/10	REVISED -									

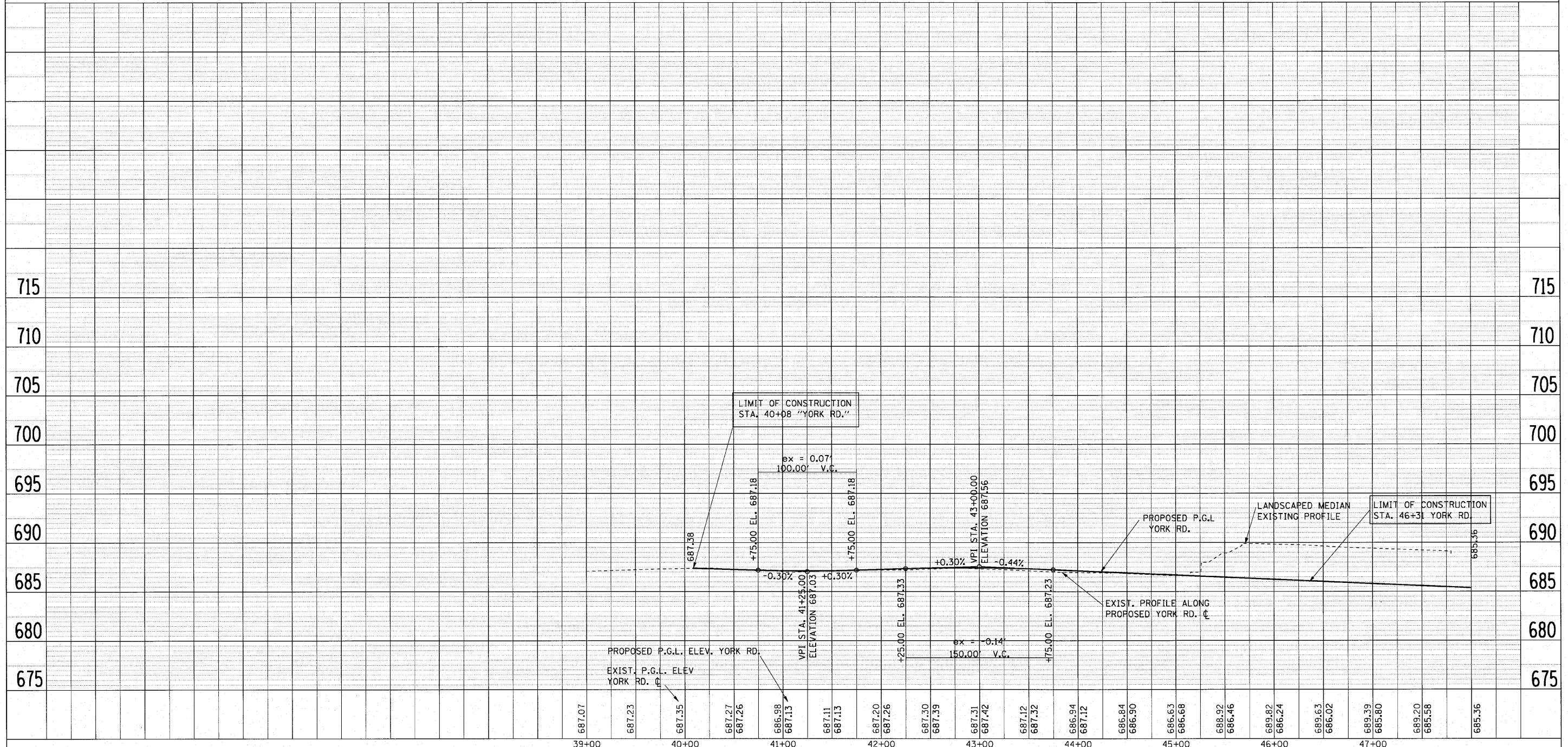
PLAN	NO. _____
REVISION	DATE
BY	
DATE	
NOTED	CHECKED
ALIGNED	CHECKED
PLOTTED	CHECKED
DATE	
BY	
DATE	

PROFILE	NO. _____
REVISION	DATE
BY	
DATE	
NOTED	CHECKED
GRADES	CHECKED
PLANNED	CHECKED
DATE	
BY	
DATE	

BM#3 ELEV. 686.637 PKN
STA. 384+38.99 "LAKE ST.", 42.66' LT.

BM#8 ELEV. 685.99 "X" CUT IN WALL
STA. 46+76.70 "YORK ROAD", 37.13' LT.

BM#9 ELEV. 686.88 PKN
STA. 38+29.89 "YORK RD.", 27.30' LT.



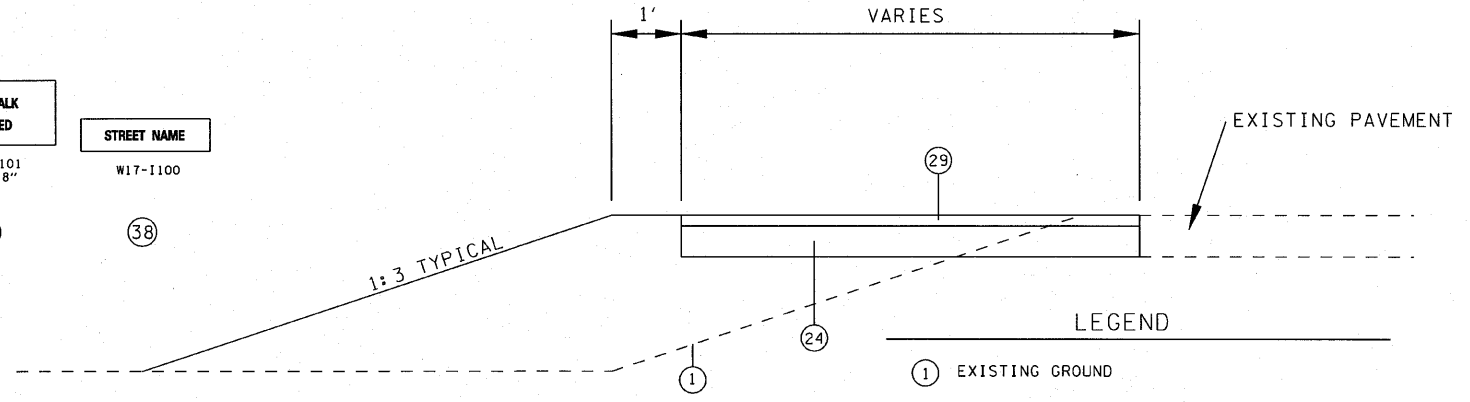
FILE NAME = 001_prof.le.dgn	USER NAME = 1007(eng)	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	YORK ROAD ROADWAY PROFILE		F.A.U. RTE. 3537	SECTION (4Y & 22-3IR-2)	COUNTY DUPAGE	TOTAL SHEETS 284	SHEET NO. 54	
PLOT SCALE = 50.0000' / 1" =	CHECKED - SRG	DRAWN - BLV	REVISED -		SCALE: 1:50 H 1:5 V	SHEET NO. 54 OF SHEETS	STA. 40+08	TO STA. 46+31	CONTRACT NO. 62093			
PLOT DATE = 1/15/2010	CHECKED -	DATE - 1/18/10	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

SIGN LEGEND

GENERAL NOTES FOR MAINTENANCE OF TRAFFIC

- TEMPORARY TRAFFIC SIGNALS SHALL BE IN PLACE AND OPERATIONAL AT THE FOLLOWING INTERSECTIONS.
US ROUTE 20 (LAKE STREET)/YORK ROAD
US ROUTE 20 (LAKE STREET)/EASTBOUND RAMP TO 290
- THE CONTRACTOR SHALL MAINTAIN A MINIMUM OF ONE THROUGH TRAFFIC LANE IN EACH DIRECTION ON US ROUTE 20 (LAKE STREET), YORK ROAD.
- THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND TRAFFIC CONTROL DEVICES MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
- THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS PRIOR TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES
- TEMPORARY CONCRETE BARRIER SHALL BE PLACED BETWEEN RAMP F CONSTRUCTION AND I-290 IN STAGE I AND AT LOCATIONS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE IN ACCORDANCE WITH SECTION 704 OF THE STANDARD SPECIFICATIONS.
- ALL STOP SIGNS SHALL BE RELOCATED AS NEEDED DURING THE PROJECT.
- TEMPORARY PAVEMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE SPECIAL PROVISION "TEMPORARY PAVEMENT".
- THE CONTRACTOR WILL BE REQUIRED TO PROVIDE AND MAINTAIN ACCESS TO ALL PRIVATE AND COMMERCIAL PROPERTY DURING THE CONSTRUCTION PERIOD. ACCESS TO THESE PROPERTIES IS DESIGNATED AS "TEMPORARY DRIVEWAY" AND SHALL BE CONSTRUCTED AS SPECIFIED IN THE SPECIAL PROVISIONS. A SCHEDULE OF DRIVEWAY LOCATIONS IS PROVIDED IN THE SCHEDULE OF QUANTITIES. THE CONTRACTOR MUST ALSO PROVIDE SIGNING FOR ALL DRIVEWAY ENTRANCES (SIGN 33, 2 PER DRIVEWAY), AS OUTLINED IN DISTRICT DETAIL TC-26
- DELETED
- DELETED
- SIGN 41 SHALL BE PAID FOR UNDER THE PAY ITEM "CHANGEABLE MESSAGE SIGN".
- PLACE ALL SIGNING, BARRICADES, AND LANE CLOSURES ACCORDING TO DISTRICT DETAILS OR APPLICABLE ILLINOIS DEPARTMENT OF TRANSPORTATION HIGHWAY STANDARDS.
- A MINIMUM OF ONE ENTRANCE SHALL BE MAINTAINED FOR ALL COMMERCIAL PROPERTIES. SOME BUSINESSES WITHOUT TWO DRIVES OR WITH NARROW ACCESS WILL HAVE TO SHARE PARKING WITH ADJACENT BUSINESSES. THE CONTRACTOR SHALL NOTIFY THESE BUSINESSES WITH AT LEAST 48 HOURS NOTICE. SINGLE ACCESS DRIVEWAYS SHALL BE STAGE CONSTRUCTED WHERE POSSIBLE.
- ALL DRIVEWAYS ARE TO BE OPENED AT THE END OF EACH WORK DAY EXCEPT WHEN CURB AND CONCRETE APPROACHES ARE BEING PLACED AND DURING THE TIME NEEDED FOR THE CONCRETE TO CURE, OTHERWISE THE CONTRACTOR IS TO PROVIDE TEMPORARY ACCESS.
- MAINTAIN PEDESTRIAN ACCESS TO BUSINESSES AT ALL TIMES DURING CONSTRUCTION.
- NO OVERNIGHT LANE CLOSURES WILL BE PERMITTED DURING THE MONTHS OF NOVEMBER, DECEMBER, JANUARY, AND FEBRUARY ON US 20 (LAKE ST.) WITHOUT THE APPROVAL OF THE ENGINEER

TEMPORARY PAVEMENT TYPICAL SECTION



- LEGEND**
- 1 EXISTING GROUND
 - 24 PROP. HOT-MIX ASPHALT BASE COURSE (8")
 - 29 PROP. HOT-MIX ASPHALT CONCRETE SURFACE COURSE, MIX "D", N50 (2")

NOTE: SEE MAINTENANCE OF TRAFFIC STAGING PLANS FOR LOCATIONS OF TEMPORARY PAVEMENT.
* SEE SHEET NO. 187 FOR TEMPORARY INFORMATION SIGN DETAILS

SEE SHEET NO. 78 FOR SIGNS 50 THRU 54 DETAILS

MAINTENANCE OF TRAFFIC STAGING NOTES PRESTAGE

INSTALL TEMPORARY SIGNAL AT LAKE STREET/YORK ROAD INTERSECTION. SET UP TRAFFIC CONTROL DEVICES TO MAINTAIN 3 LANES IN THE CENTER OF YORK ROAD. COMPLETE YORK ROAD WIDENING SOUTH OF US 20. MILL EXISTING PAVEMENT ON YORK ROAD UNDER TRAFFIC UPON COMPLETION OF WIDENING. PLACE RESURFACE ON YORK ROAD UNDER TRAFFIC.

SET UP TRAFFIC CONTROL DEVICES TO CLOSE THE SOUTHBOUND INSIDE LANE ON YORK ROAD NORTH OF THE US 20(LAKE STREET) INTERSECTION. COMPLETE THE BLOCK WALL RECONSTRUCTION AND PAVEMENT WIDENING IN THE MEDIAN.

BUILD TEMPORARY PAVEMENT ON NORTH SIDE OF LAKE STREET (EASTBOUND I-290 OFF RAMP) FROM STATION 385+40 TO 388+60. SHIFT TRAFFIC TO THE NORTH USING THE TEMPORARY PAVEMENT. PROVIDE A RIGHT-TURN LANE, A LEFT-TURN LANE, AND A THROUGH LANE AT THE INTERSECTION. CONSTRUCT PROPOSED RAISED MEDIAN AND NEW LEFT-TURN LANE.

SET UP TRAFFIC CONTROL DEVICES TO CHANNELIZE EASTBOUND US 20 TRAFFIC TO 1 LANE TO PERMIT CONSTRUCTION OF TEMPORARY PAVEMENT IN THE US 20 MEDIAN. INSTALL TEMPORARY PAVEMENT IN US 20 MEDIAN FROM STATION 354+00 TO 356+50.

SET UP TRAFFIC CONTROL DEVICES TO SHIFT US 20 TRAFFIC TO OUTSIDE LANES WEST OF YORK ROAD INTERSECTION. REMOVE EXISTING MEDIAN AND INSTALL TEMPORARY PAVEMENT ON US 20 FROM STATION 381+00 TO 384+60.

BUILD TEMPORARY PAVEMENT ALONG THE SOUTH SHOULDER OF RAMP WB AND RAMP E WHILE MAINTAINING TRAFFIC ON THE EXISTING LANES. CONSTRUCT TEMPORARY PAVEMENT ALONG THE NORTH SHOULDER OF RAMP E FROM STATION 0+00 TO 3+00 AND RAMP WB FROM STATION 15+00 TO 17+50.

INSTALL TEMPORARY DRAINAGE STRUCTURES AS REQUIRED.

INSTALL TEMPORARY SIGNAL AT RAMP WB/RAMP O INTERSECTION FOR USE IN STAGE 1

NOTE: ACCESS TO AND FROM I-290 WILL BE MAINTAINED USING EXISTING RAMPS E, O, AND WB DURING STAGE CONSTRUCTION.

MAINTENANCE OF TRAFFIC STAGING NOTES STAGE I

COMPLETE INSTALLATION OF FINAL PAVEMENT MARKINGS ON YORK ROAD. ADJUST TRAFFIC SIGNAL AT LAKE STREET/YORK ROAD INTERSECTION TO ACCOMMODATE SHIFTED TRAFFIC.

BUILD TEMPORARY PAVEMENT AND TEMPORARY GUARDRAIL ALONG RAMP O FROM STATION 22+00 TO 25+00. MAINTAIN ONE LANE ACCESS TO I-290 FROM RAMP O. SET UP TRAFFIC CONTROL DEVICES AND SHIFT EASTBOUND TRAFFIC TO PROVIDE TWO-WAY TRAFFIC ON RAMP E/WB USING TEMPORARY PAVEMENT CONSTRUCTED IN PRESTAGE. TWO-WAY TRAFFIC WILL BE MAINTAINED ON THE EXISTING WESTBOUND LANES FROM RAMP E TO YORK ROAD.

CONSTRUCT NEW US 20 EASTBOUND PAVEMENT FROM STATION 355+65 TO 384+60 AND NEW WESTBOUND LANES FROM STATION 359+40 TO 376+50. INSTALL NEW TRAFFIC SIGNAL ON LAKE STREET AT RAMP F.

CLOSE FRONTAGE ROAD/LARCH AVENUE ACCESS TO LAKE STREET. CONSTRUCT NEW APPROACH FOR LARCH AVENUE. DETOUR FRONTAGE ROAD TRAFFIC BACK TO WALNUT STREET DURING SHORT-TERM CLOSURE.

CONSTRUCT RAMP F. SEE STAGE I A AND STAGE I B FOR STAGING DETAILS AT THE RAMP F INTERSECTION WITH RAMP WB AND EASTBOUND ON RAMP TO I-290. TO ALLOW CONSTRUCTION OF RAMP F, SHIFT I-290 EASTBOUND TRAFFIC 5 FT TO THE LEFT AND INSTALL TEMPORARY CONCRETE BARRIER AND TEMPORARY PAVEMENT MARKINGS. MAINTAIN THREE 11 FT LANES ON I-290. REMOVE TEMPORARY CONTROL, RESTRIPE I-290, AND RETURN TRAFFIC TO THE ORIGINAL LANES AT END OF STAGE I.

RAMP F STAGE IA

BUILD NORTH RUNAROUND ON RAMP WB AND SHIFT TWO-WAY TRAFFIC TO NORTH. BUILD INSIDE LANE AND SHOULDER FOR RAMP F FROM STATION 4+30 TO 5+20.

RAMP F STAGE IB

BUILD SOUTH RUNAROUND ON RAMP WB AND SHIFT TWO-WAY TRAFFIC TO SOUTH AT RAMP F. CONSTRUCT RAMP F FROM STATION 5+20 TO 6+00.

MAINTAIN ONE LANE OF TRAFFIC ON RAMP O TEMPORARY PAVEMENT INSTALLED IN STAGE I FOR ACCESS TO I-290 EASTBOUND ON RAMP. CONSTRUCT RAMP F TRAVEL LANES ADJACENT TO I-290.

MAINTENANCE OF TRAFFIC STAGING NOTES STAGE II

CONSTRUCT/ADJUST TEMPORARY PAVEMENT IN LAKE STREET MEDIAN FROM STATION 381+00 TO 384+60 TO MATCH NEWLY CONSTRUCTED EASTBOUND LANES. SHIFT US 20 TRAFFIC TO NEW LANES CONSTRUCTED IN STAGE I. MAINTAIN TWO-WAY TRAFFIC ON THE NEW EASTBOUND LANES FROM STATION 355+65 TO 359+40. SHIFT WESTBOUND TRAFFIC TO NEW WESTBOUND LANES AT STATION 359+40. RETURN TO TWO-WAY TRAFFIC ON THE EASTBOUND LANES AT STATION 377+00. ADJUST TRAFFIC SIGNAL AT LAKE STREET/YORK ROAD INTERSECTION TO ACCOMMODATE SHIFTED TRAFFIC.

COMPLETE RAMP F CONSTRUCTION OF OUTSIDE LANE AND SHOULDER FROM STATION 4+30 TO 5+20. MAINTAIN TWO LANES ON RAMP F ON THE NEW INNER LANE AND SHOULDER.

INSTALL DETOUR SIGNING AND TRAFFIC CONTROL DEVICES ON WESTBOUND I-290 FOR RAMP E CLOSURE. CLOSE RAMP E FOR SHORT-TERM (25 DAY) CLOSURE. RECONSTRUCT RAMP E AND THE LAKE STREET/RAMP E CONVERGENCE. INSTALL PAVEMENT MARKINGS AND SIGNING FOR RAMP E. REMOVE TEMPORARY DETOUR CONTROL AND SIGNING, RESTRIPE I-290, AND RETURN I-290 AND WB OFFRAMP TO ORIGINAL LANES AT THE END OF TEMPORARY DETOUR CONSTRUCTION.

COMPLETE THE CONSTRUCTION OF THE NEW WESTBOUND LANES ON LAKE STREET FROM STATION 376+50 TO STATION 383+70.

CONSTRUCT RIGHT-TURN LANE AND SHOULDER ON SOUTHBOUND YORK ROAD NORTH OF LAKE STREET.

REMOVE RAMPS O AND WB AS NECESSARY. CONSTRUCT SHOULDER ON RAMP F FROM STATION 11+00 TO 14+00.

COMPLETE GRADING FOR DRAINAGE (FINAL DITCHES AND DETENTION PONDS) AND COMPLETE INSTALLATION OF DRAINAGE STRUCTURES.

MAINTENANCE OF TRAFFIC STAGING NOTES STAGE III

SHIFT LAKE STREET TRAFFIC TO OUTSIDE LANES TO PERMIT REMOVAL OF TEMPORARY PAVEMENT AND CONSTRUCTION OF RAISED MEDIAN AT STATIONS 354+00 TO 356+50, 359+00 TO 362+00, AND 375+00 TO 377+40.

CONSTRUCT RAISED MEDIAN ON LAKE STREET FROM STATION 381+00 TO 384+60. RECONSTRUCT CHANNELIZING ISLAND IN NORTHWEST QUADRANT OF LAKE STREET/YORK ROAD INTERSECTION. COMPLETE SIGNAL MODERNIZATION AT INTERSECTION.

COMPLETE FINAL PAVEMENT MARKINGS.

SUGGESTED DRAINAGE STAGING

PRESTAGE

- ON YORK ROAD FROM STATION 41+00 TO 44+00, CONSTRUCT PROPOSED STORM SEWERS AND STRUCTURES ONE LANE AT A TIME. A MINIMUM OF TWO LANES OF TRAFFIC (ONE NORTHBOUND AND ONE SOUTHBOUND) MUST BE MAINTAINED AT ALL TIMES.
- INSTALL TEMPORARY PIPES UNDER RAMP WB IN THE AREA OF PROPOSED RAMP F AS SHOWN IN MAINTENANCE OF TRAFFIC DETAIL. A MINIMUM OF ONE LANE MUST BE MAINTAINED ON RAMP WB AT ALL TIMES.

STAGE 1

AFTER COMPLETION OF TRAFFIC SHIFT TO RAMP WB IN STAGE 1, REMOVE EXISTING DRAINAGE STRUCTURES AND INSTALL PROPOSED DRAINAGE SYSTEM ALONG LAKE STREET IN CONSTRUCTION ZONE, EXCEPT AS NOTED BELOW.

- CONSTRUCT PROPOSED PIPE AT STATION 356+70 FROM THE SOUTH SIDE OF LAKE STREET TO JUST SOUTH OF THE CENTERLINE AND PLACE TEMPORARY PLUG ON EXPOSED END.
- INSTALL TEMPORARY PIPE STATION 375+50 TO 376+45 LT AS SHOWN ON THE MAINTENANCE OF TRAFFIC DETAIL.
- CONSTRUCT PROPOSED LARCH AVENUE DRAINAGE. INSTALL PROPOSED PIPE AT STATION 376+30 TO A POINT NORTH OF THE PROPOSED MEDIAN. GRADE TO DRAIN TO EXISTING PIPE UNDER RAMP WB.
- FROM STATION 379+00 TO STATION 388+40, CONSTRUCT PROPOSED STORM SEWERS AND STRUCTURES ALONG LAKE STREET SOUTH OF CENTERLINE ONLY.
- CONSTRUCT PROPOSED 5'x2' BOX CULVERT AT STATION 382+60 UNDER EASTBOUND LANES TO A POINT APPROXIMATELY 5 FEET NORTH OF THE LAKE STREET PROPOSED CENTERLINE. CONSTRUCT TEMPORARY CONNECTION TO EXISTING 4'x2' BOX CULVERT AT STATION 382+60. MODIFY CONNECTION BETWEEN BOX CULVERTS AS NECESSARY TO PREVENT LEAKAGE. ONE LANE OF TRAFFIC IN EACH DIRECTION ON LAKE STREET MUST BE MAINTAINED AT ALL TIMES.
- INSTALL LATERAL PIPES AT STATION 383+05 AND 383+64 UNDER EASTBOUND LANES AND TEMPORARILY PLUG EXPOSED ENDS.
- REMOVE INLET AT STATION 384+27.

STAGE 1B

REMOVE APPROXIMATELY 50 FEET OF TEMPORARY PIPE AT STATION 5+90 ON RAMP F TO PERMIT INSTALLATION OF PROPOSED DRAINAGE SYSTEM. INSTALL PROPOSED DRAINAGE STRUCTURES AT STATIONS 5+06 AND 5+88 ON RAMP F.

STAGE 2

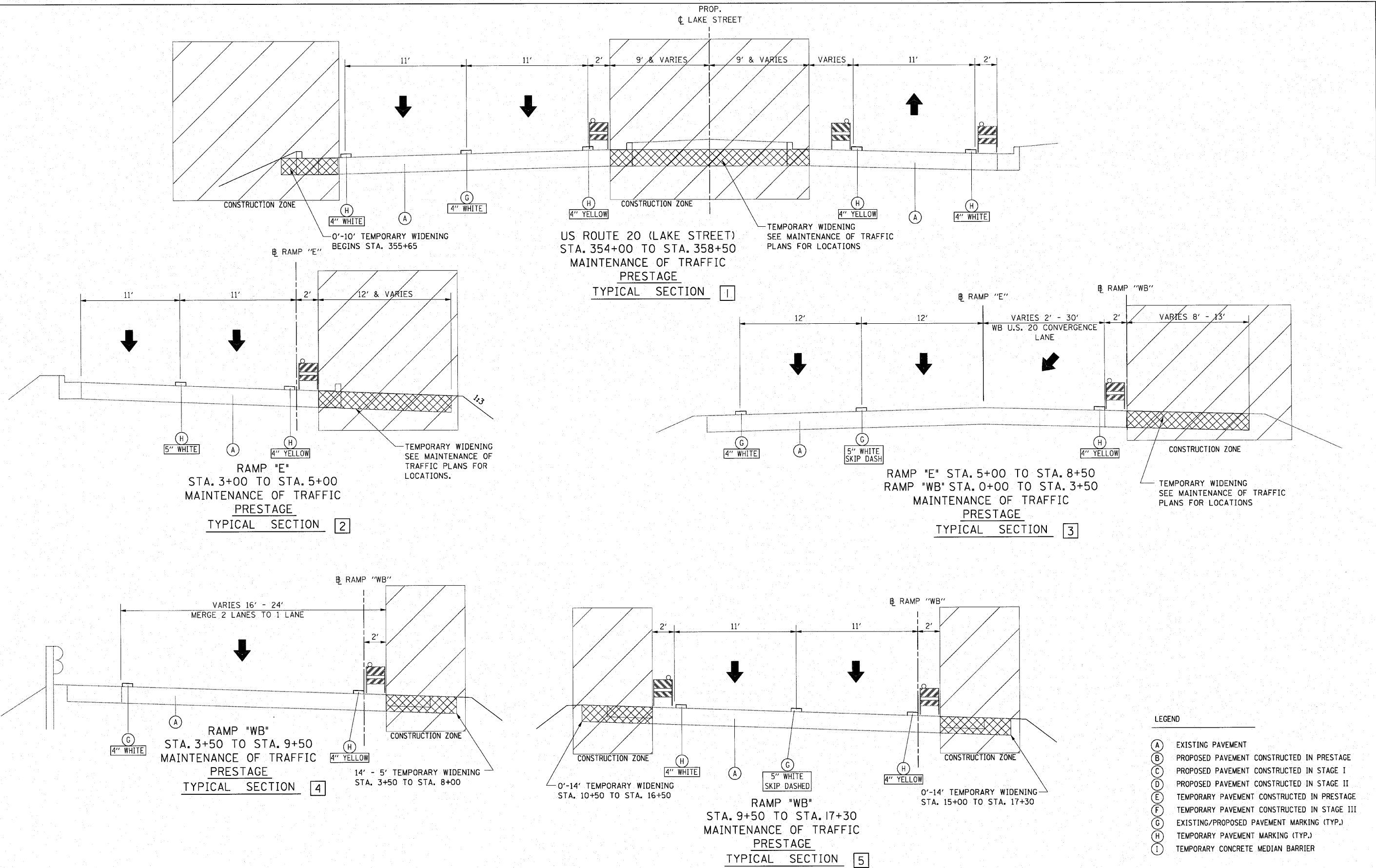
AFTER TRAFFIC HAS BEEN SHIFTED TO NEW LAKE STREET LANES, COMPLETE REMOVAL AND INSTALLATION OF DRAINAGE STRUCTURES AS LISTED BELOW.

- COMPLETE FINAL DITCH GRADING.
- REMOVE REMAINDER OF EXISTING STORM SEWERS AND STRUCTURES AS SHOWN.
- CONSTRUCT PROPOSED SYSTEM ALONG NORTH SIDE OF LAKE STREET FROM STATION 353+85 TO 359+10. REMOVE TEMPORARY PLUG IN PIPE AT STATION 356+70 AND EXTEND TO FULL PROPOSED LENGTH.
- EXTEND PROPOSED PIPE AT STATION 376+30 TO FULL PROPOSED LENGTH.
- REMOVE REMAINDER OF EXISTING 4'x2' BOX CULVERT AT STATION 382+60 AND INSTALL PROPOSED 5'x2' BOX CULVERT TO REQUIRED LENGTH.

STAGE 3

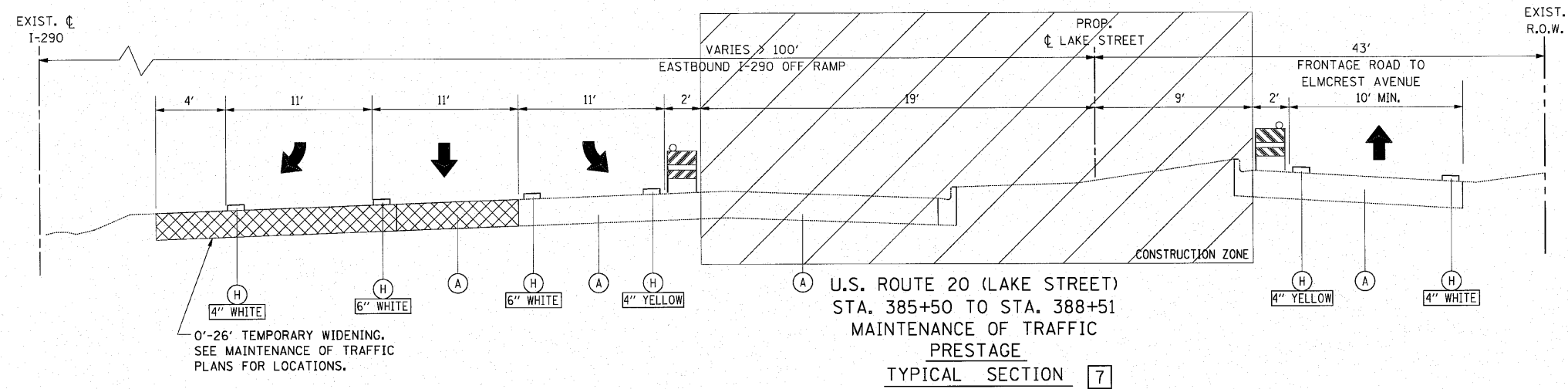
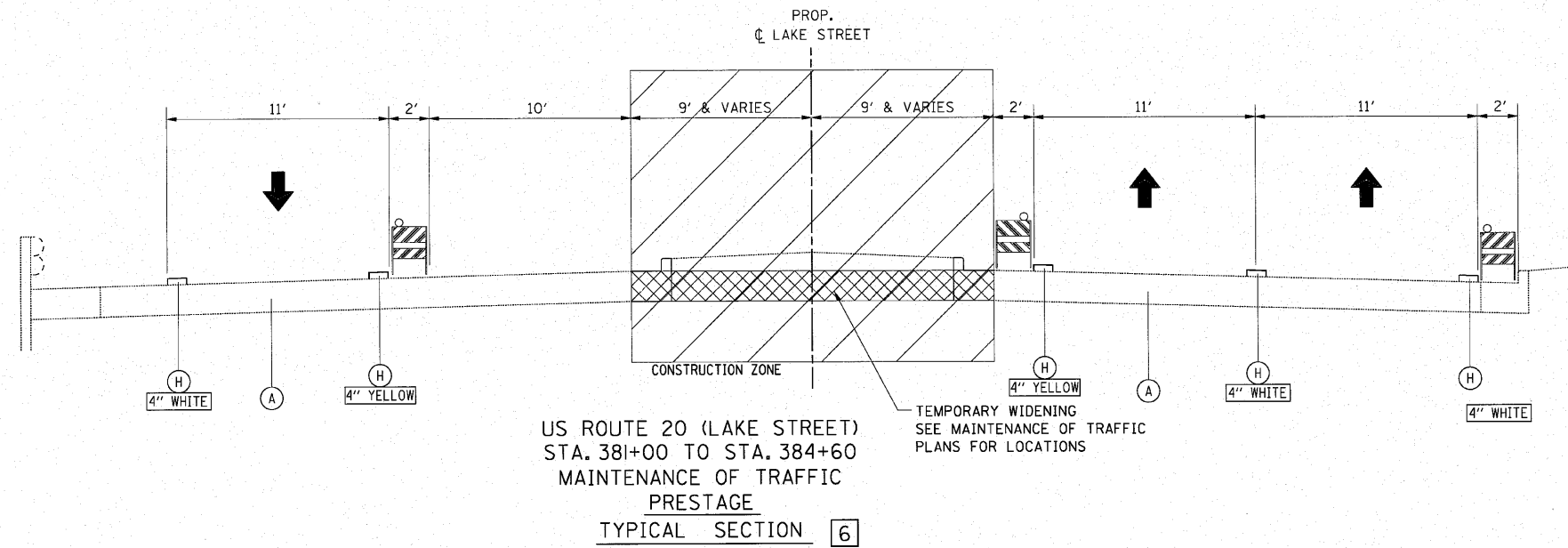
INSTALL INLETS ALONG EASTBOUND LEFT-TURN LANE ON LAKE STREET AT YORK ROAD. CONNECT INLET AT STATION 382+46 TO PROPOSED 5'x2' BOX CULVERT. REMOVE TEMPORARY PLUGS IN PROPOSED PIPES AT STATION 383+05 AND 383+64 AND CONNECT PIPES TO PROPOSED INLETS.

FILE NAME = MOTNOTE.dgn	USER NAME = ID001(eng)	DESIGNED - DRAWN - BLV	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGING NOTES				F.A.U. RTE. 3537	SECTION (4)822-31R-2	COUNTY DUPAGE	TOTAL SHEETS 284	SHEET NO. 56
	PLOT SCALE = 50.0000' / 1" =	CHECKED - SRG	REVISED -		SCALE: N.T.S.	SHEET NO. 56 OF	SHEETS	STA.	TO STA.	CONTRACT NO. 62093			
	PLOT DATE = 1/13/2010	DATE - 1/18/10	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								



- LEGEND**
- (A) EXISTING PAVEMENT
 - (B) PROPOSED PAVEMENT CONSTRUCTED IN PRESTAGE
 - (C) PROPOSED PAVEMENT CONSTRUCTED IN STAGE I
 - (D) PROPOSED PAVEMENT CONSTRUCTED IN STAGE II
 - (E) TEMPORARY PAVEMENT CONSTRUCTED IN PRESTAGE
 - (F) TEMPORARY PAVEMENT CONSTRUCTED IN STAGE III
 - (G) EXISTING/PROPOSED PAVEMENT MARKING (TYP.)
 - (H) TEMPORARY PAVEMENT MARKING (TYP.)
 - (I) TEMPORARY CONCRETE MEDIAN BARRIER

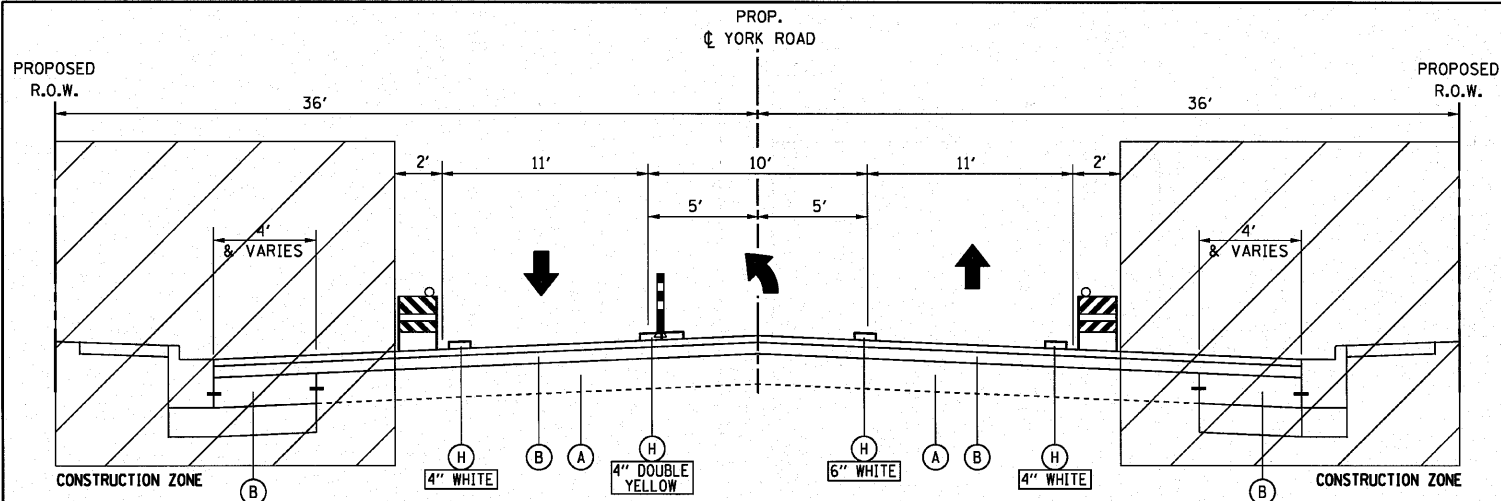
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	PLOT SCALE = 48.0000' / in.	DRAWN - BLV	REVISED -		SCALE: N.T.S.	SHEET NO. 57 OF	SHEETS	STA.	TO STA.	CONTRACT NO. 62093		
	PLOT DATE = 3/22/2010	CHECKED - SRG	REVISED -							FED. ROAD DIST. NO. ILLINOIS/FED. AID PROJECT		
		DATE - 1/18/10	REVISED -									



LEGEND

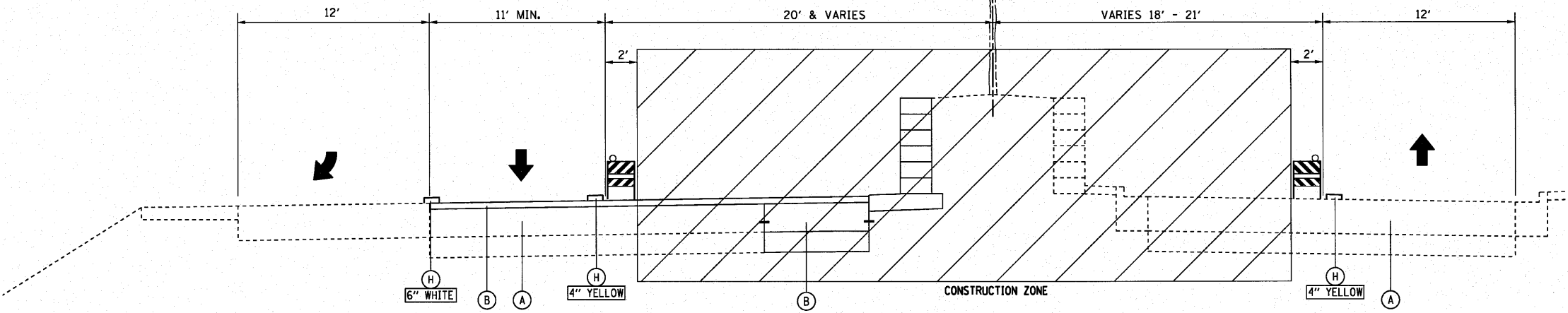
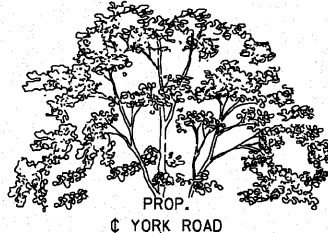
- (A) EXISTING PAVEMENT
- (B) PROPOSED PAVEMENT CONSTRUCTED IN PRESTAGE
- (C) PROPOSED PAVEMENT CONSTRUCTED IN STAGE I
- (D) PROPOSED PAVEMENT CONSTRUCTED IN STAGE II
- (E) TEMPORARY PAVEMENT CONSTRUCTED IN PRESTAGE
- (F) TEMPORARY PAVEMENT CONSTRUCTED IN STAGE III
- (G) EXISTING/PROPOSED PAVEMENT MARKING (TYP.)
- (H) TEMPORARY PAVEMENT MARKING (TYP.)
- (I) TEMPORARY CONCRETE MEDIAN BARRIER

FILE NAME = Typical Sections.dgn	USER NAME = IODT(eng)	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC TYPICAL SECTION PRESTAGE			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000' / 1" =	DRAWN - BLV	REVISED -					3537	(4Y&22-3R-2)	DUPAGE	284	58
PLOT DATE = 1/13/2010	CHECKED - SRG	REVISED -	REVISED -	SCALE: N.T.S.	SHEET NO. 58 OF	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 62093	
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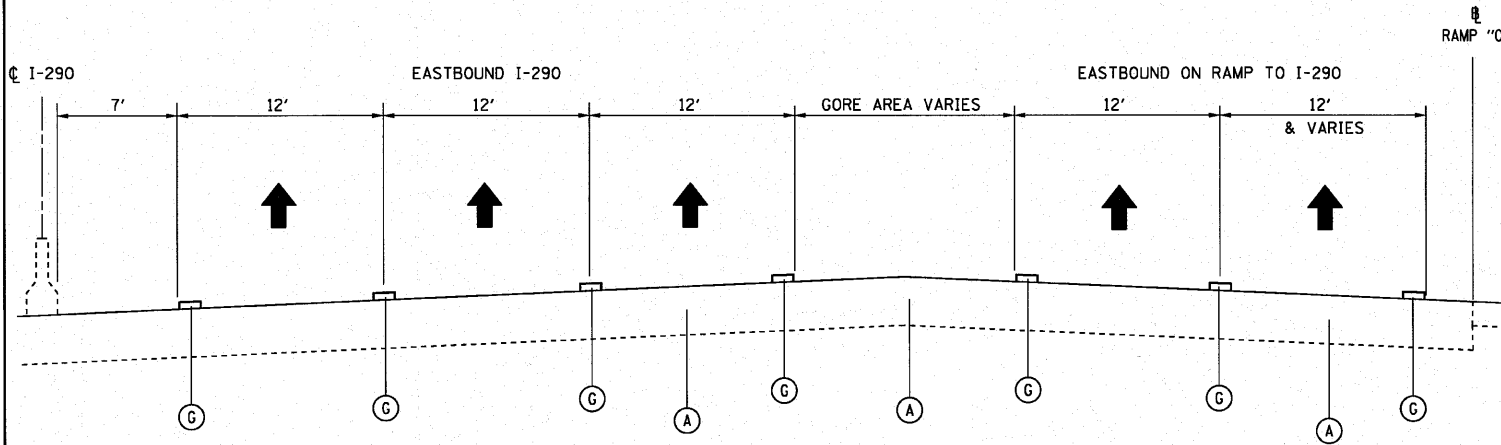


MAINTAIN PEDESTRIAN ACCESS TO BUSINESSES AT ALL TIMES DURING CONSTRUCTION.

**YORK ROAD
STA. 40+08 TO STA. 45+00
MAINTENANCE OF TRAFFIC
PRESTAGE
TYPICAL SECTION 8**



**YORK ROAD
STA. 45+00 TO STA. 46+31
MAINTENANCE OF TRAFFIC
PRESTAGE
TYPICAL SECTION 9**

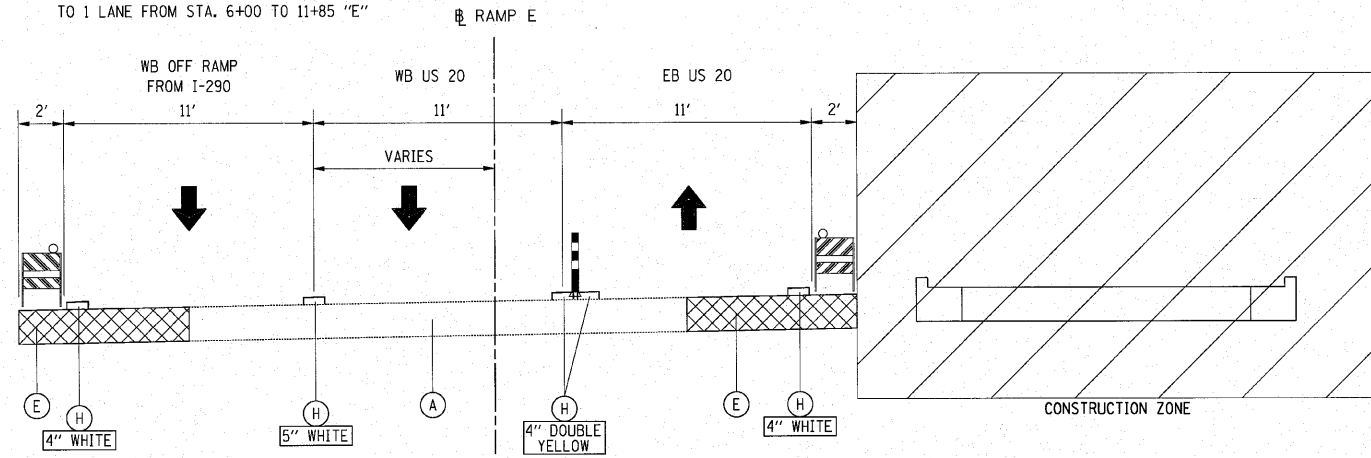


**I-290 / RAMP "0"
STA. 22+00 TO STA. 25+00 RAMP "0"
MAINTENANCE OF TRAFFIC
PRESTAGE
TYPICAL SECTION 10**

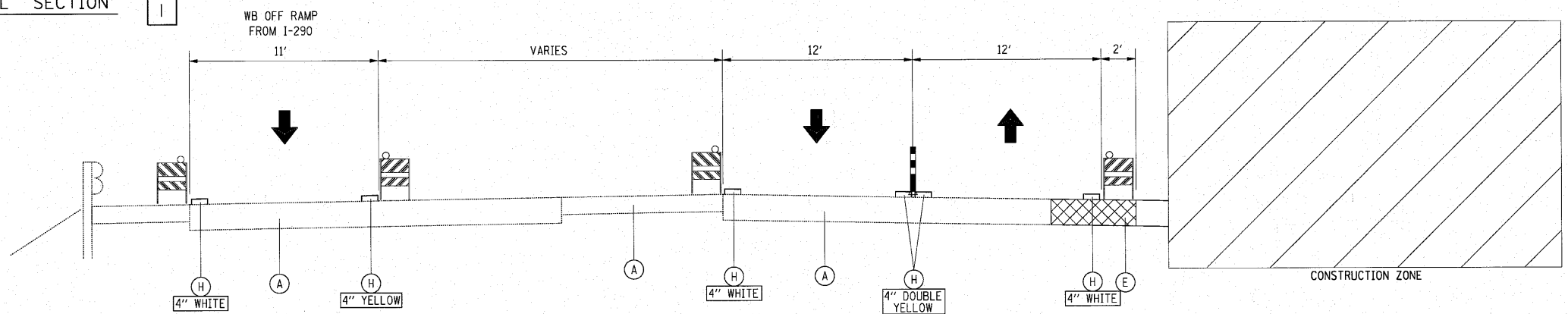
- LEGEND**
- (A) EXISTING PAVEMENT
 - (B) PROPOSED PAVEMENT CONSTRUCTED IN PRESTAGE
 - (C) PROPOSED PAVEMENT CONSTRUCTED IN STAGE I
 - (D) PROPOSED PAVEMENT CONSTRUCTED IN STAGE II
 - (E) TEMPORARY PAVEMENT CONSTRUCTED IN PRESTAGE
 - (F) TEMPORARY PAVEMENT CONSTRUCTED IN STAGE III
 - (G) EXISTING/PROPOSED PAVEMENT MARKING (TYP.)
 - (H) TEMPORARY PAVEMENT MARKING (TYP.)
 - (I) TEMPORARY CONCRETE MEDIAN BARRIER

FILE NAME =	USER NAME = #USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC TYPICAL SECTION PRESTAGE			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL*		DRAWN - BLV	REVISED -		SCALE: N.T.S.	SHEET NO. 59 OF	SHEETS	STA.	TO STA.	DUPAGE	284	59
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		DATE - 1/18/10	REVISED -							ILLINOIS FED. AID PROJECT		

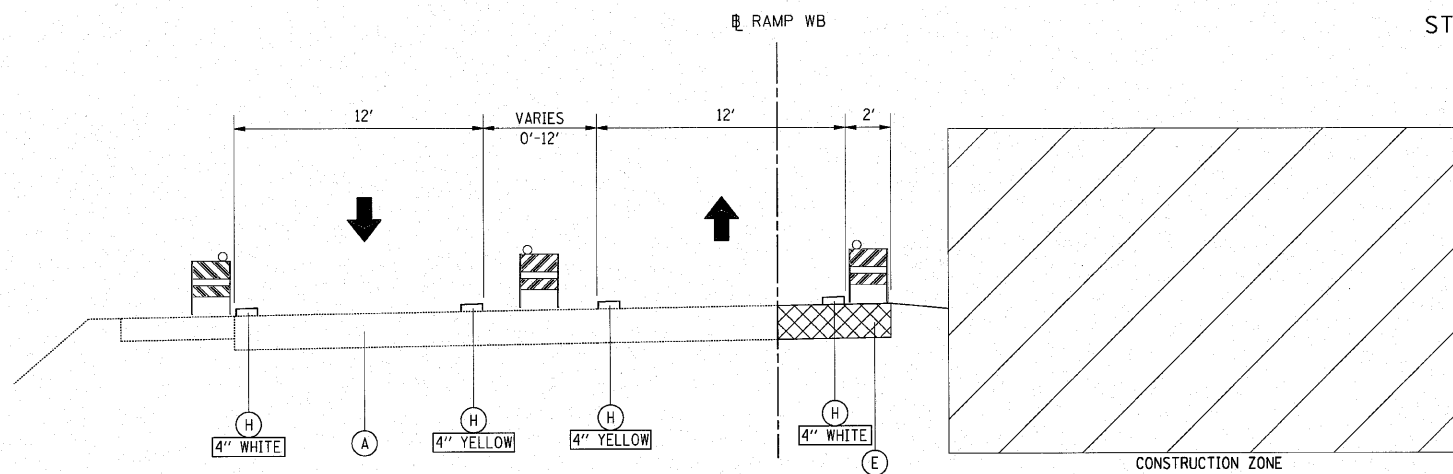
NOTE: WB OFF RAMP FROM I-290
HAS LANE REDUCTION FROM 2 LANES
TO 1 LANE FROM STA. 6+00 TO 11+85 "E"



US ROUTE 20 / RAMP "E"
STA. 0+00 TO STA. 4+00 RAMP "E"
MAINTENANCE OF TRAFFIC
STAGE I
TYPICAL SECTION 1



RAMP "WB" / RAMP "E"
STA. 4+00 TO STA. 9+00 RAMP "E"
MAINTENANCE OF TRAFFIC
STAGE I
TYPICAL SECTION 2



RAMP "WB"
STA. 4+00 TO STA. 17+50
MAINTENANCE OF TRAFFIC
STAGE I
TYPICAL SECTION 3

LEGEND

- (A) EXISTING PAVEMENT
- (B) PROPOSED PAVEMENT CONSTRUCTED IN PRESTAGE
- (C) PROPOSED PAVEMENT CONSTRUCTED IN STAGE I
- (D) PROPOSED PAVEMENT CONSTRUCTED IN STAGE II
- (E) TEMPORARY PAVEMENT CONSTRUCTED IN PRESTAGE
- (F) TEMPORARY PAVEMENT CONSTRUCTED IN STAGE III
- (G) EXISTING/PROPOSED PAVEMENT MARKING (TYP.)
- (H) TEMPORARY PAVEMENT MARKING (TYP.)
- (I) TEMPORARY CONCRETE MEDIAN BARRIER

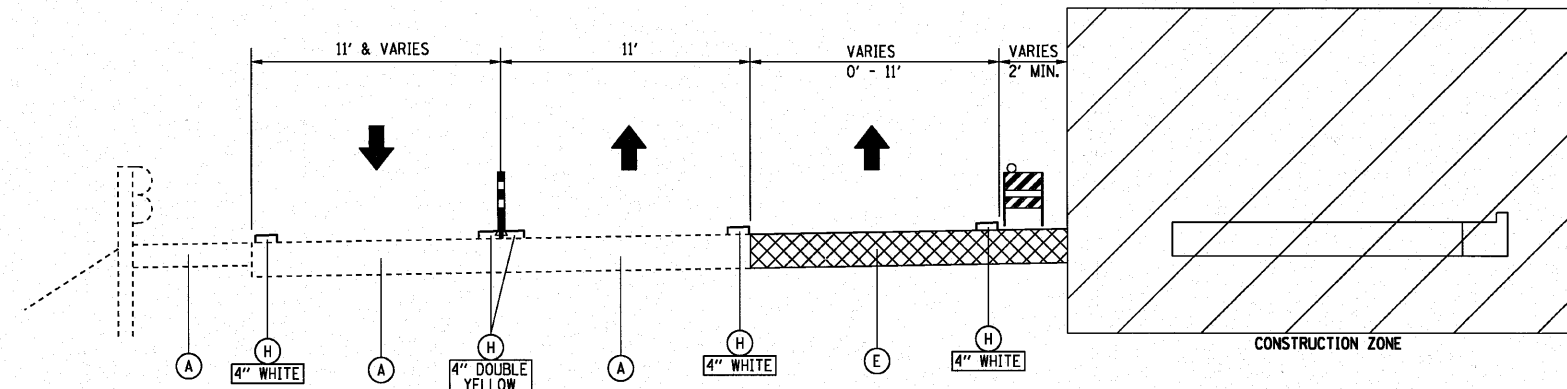
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		DRAWN - BLV	REVISED -
	PLOT SCALE = 40.0000' / 1"	CHECKED - SRG	REVISED -
	PLOT DATE = 3/22/2010	DATE - 1/18/10	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

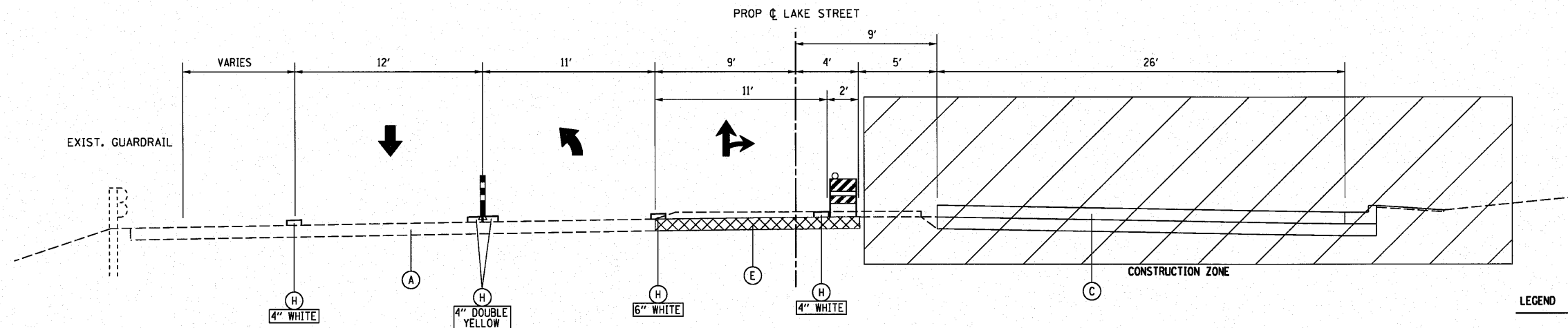
MAINTENANCE OF TRAFFIC
TYPICAL SECTION
STAGE I

SCALE: N.T.S. SHEET NO. 60 OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3537	(4Y&22-3)R-2	DUPAGE	284	60
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 62093	



RAMP 'WB' / US ROUTE 20 (LAKE STREET)
 STA. 17+50 'WB' TO STA. 384+60 LAKE STREET
 MAINTENANCE OF TRAFFIC
 STAGE I
 TYPICAL SECTION 4

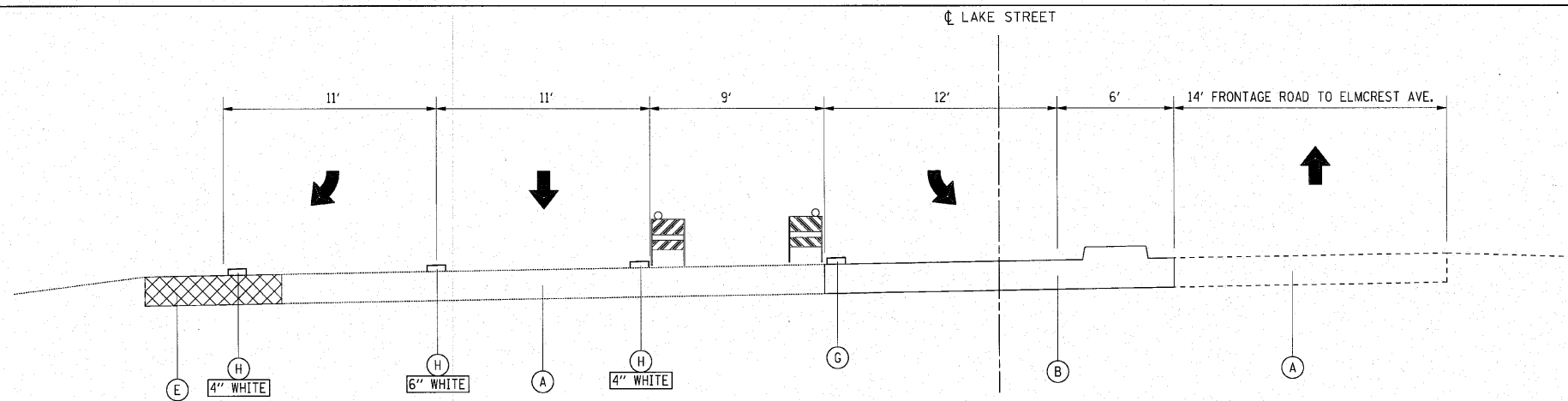


US ROUTE 20 (LAKE STREET)
 STA. 381+00 TO STA. 384+60
 MAINTENANCE OF TRAFFIC
 STAGE I
 TYPICAL SECTION 5

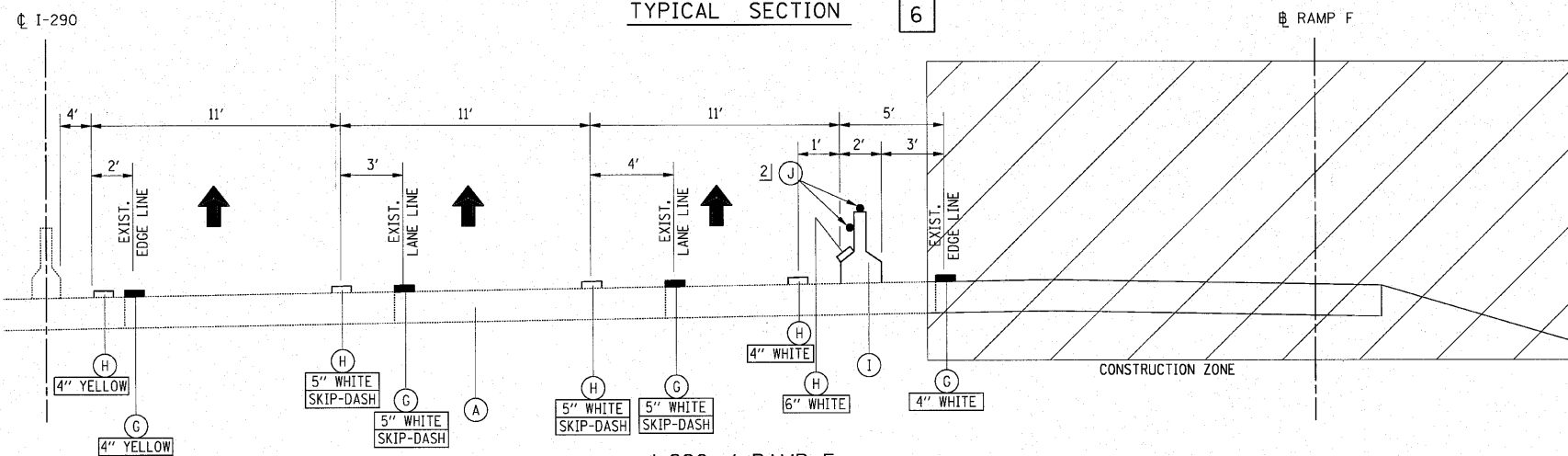
LEGEND

- (A) EXISTING PAVEMENT
- (B) PROPOSED PAVEMENT CONSTRUCTED IN PRESTAGE
- (C) PROPOSED PAVEMENT CONSTRUCTED IN STAGE I
- (D) PROPOSED PAVEMENT CONSTRUCTED IN STAGE II
- (E) TEMPORARY PAVEMENT CONSTRUCTED IN PRESTAGE
- (F) TEMPORARY PAVEMENT CONSTRUCTED IN STAGE III
- (G) EXISTING/PROPOSED PAVEMENT MARKING (TYP.)
- (H) TEMPORARY PAVEMENT MARKING (TYP.)
- (I) TEMPORARY CONCRETE MEDIAN BARRIER

FILE NAME = *FILEL*	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC TYPICAL SECTION STAGE I			F.A.U. RTE. 3537	SECTION (4Y&22-3R-2)	COUNTY DUPAGE	TOTAL SHEETS 284	SHEET NO. 61
	PLOT SCALE = *SCALE*	CHECKED - SRG	REVISED -		SCALE: N.T.S.	SHEET NO. 61 OF	SHEETS	STA.	TO STA.	CONTRACT NO. 62093		
PLOT DATE = *DATE*	DATE - 1/18/10	REVISED -	REVISED -						FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	

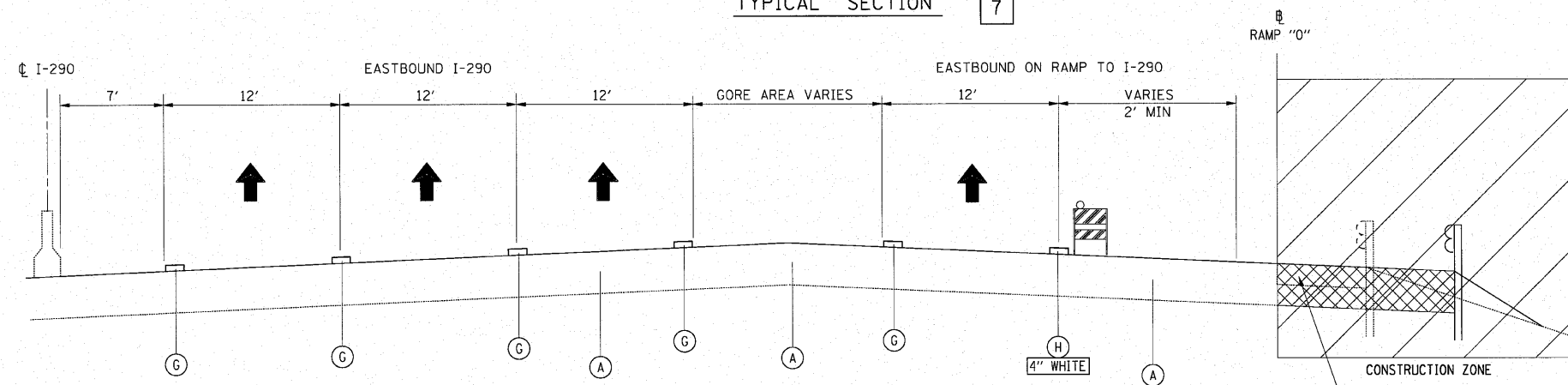


US ROUTE 20 (LAKE STREET)
 STA. 385+50 TO STA. 388+51
 MAINTENANCE OF TRAFFIC
 STAGE I
 TYPICAL SECTION 6



- 1] VARIES 2' TO 5'
- 2] REFLECTORS ON TOP AND FACE OF WALL, PLACED AT 50' SPACING IN TANGENTS AND 25' SPACING IN TAPERS.

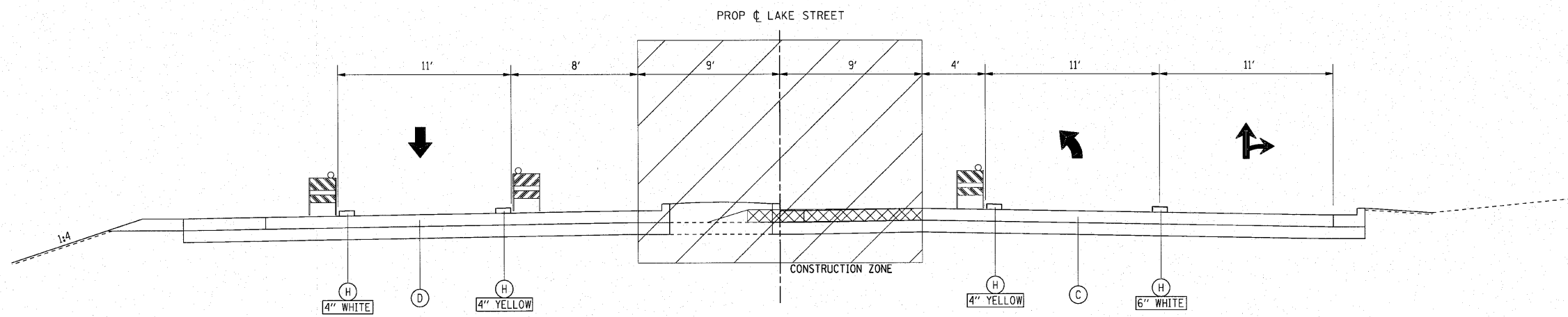
I-290 / RAMP F
 STA. 5+50 TO STA. 14+00
 MAINTENANCE OF TRAFFIC
 STAGE I
 TYPICAL SECTION 7



I-290 / RAMP "0"
 STA. 22+00 TO STA. 25+00 RAMP "0"
 MAINTENANCE OF TRAFFIC
 STAGE I
 TYPICAL SECTION 8

- LEGEND
- (A) EXISTING PAVEMENT
 - (B) PROPOSED PAVEMENT CONSTRUCTED IN PRESTAGE
 - (C) PROPOSED PAVEMENT CONSTRUCTED IN STAGE I
 - (D) PROPOSED PAVEMENT CONSTRUCTED IN STAGE II
 - (E) TEMPORARY PAVEMENT CONSTRUCTED IN PRESTAGE
 - (F) TEMPORARY PAVEMENT CONSTRUCTED IN STAGE III
 - (G) EXISTING/PROPOSED PAVEMENT MARKING (TYP.)
 - (H) TEMPORARY PAVEMENT MARKING (TYP.)
 - (I) TEMPORARY CONCRETE MEDIAN BARRIER
 - (J) MONODIRECTIONAL PRISMATIC BARRIER REFLECTOR, TYPE C

FILE NAME = Typical Sections.dgn	USER NAME = Matt Rempfer IDOT V8	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC TYPICAL SECTION STAGE I			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 48.0000' / 1" =	DRAWN - BLV	REVISED -		3537	(4Y&22-3)R-2	DUPAGE	284	62			
PLOT DATE = 4/12/2010	CHECKED - SRG	REVISED -	REVISED -	SCALE: N.T.S.	SHEET NO. 62 OF	SHEETS	STA.	TO STA.	CONTRACT NO. 62093			
	DATE - 1/18/10	REVISED -	REVISED -				FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT				

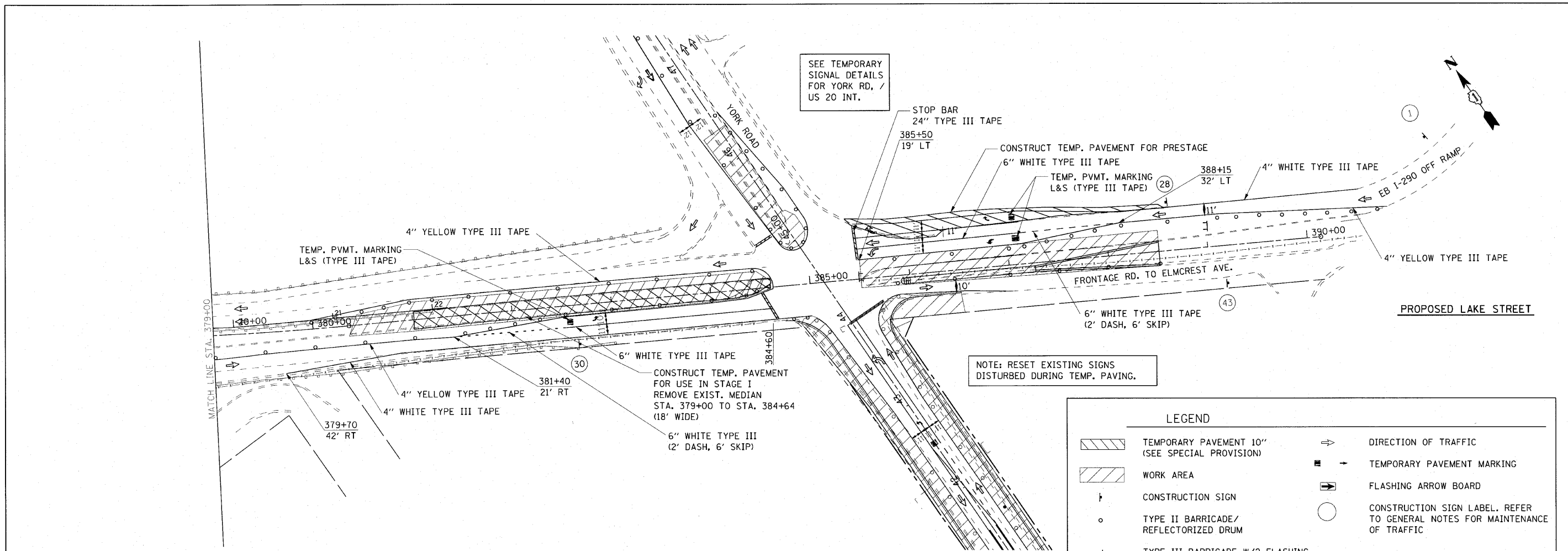


US ROUTE 20 (LAKE STREET)
 STA. 381+00 TO STA. 384+60
 MAINTENANCE OF TRAFFIC
 STAGE III
 TYPICAL SECTION 3

LEGEND

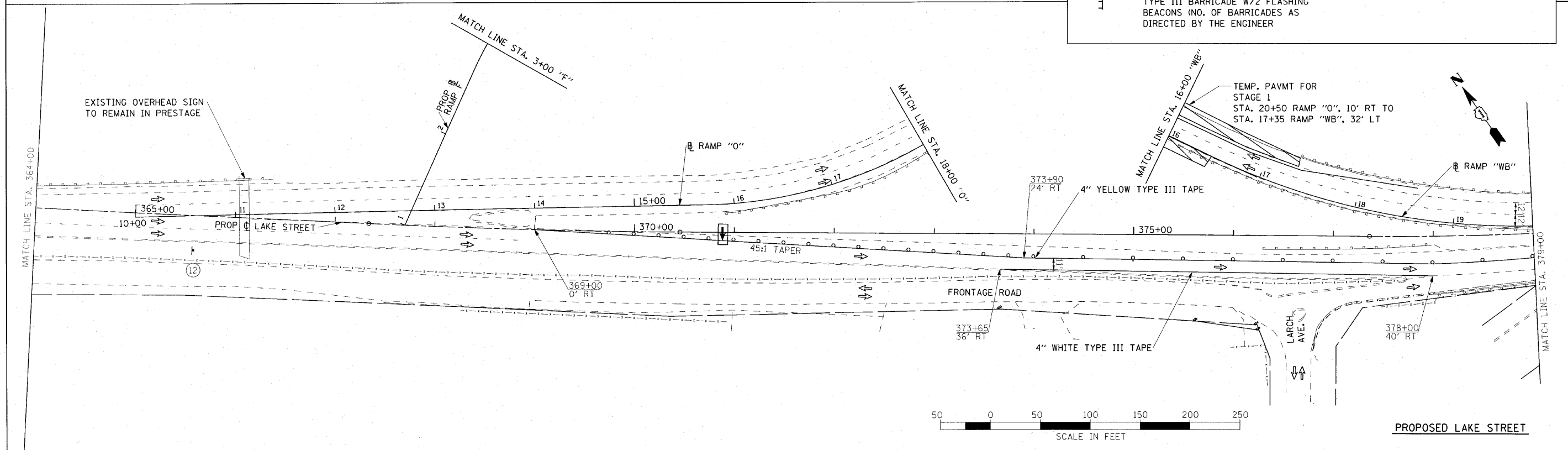
- (A) EXISTING PAVEMENT
- (B) PROPOSED PAVEMENT CONSTRUCTED IN PRESTAGE
- (C) PROPOSED PAVEMENT CONSTRUCTED IN STAGE I
- (D) PROPOSED PAVEMENT CONSTRUCTED IN STAGE II
- (E) TEMPORARY PAVEMENT CONSTRUCTED IN PRESTAGE
- (F) TEMPORARY PAVEMENT CONSTRUCTED IN STAGE III
- (G) EXISTING/PROPOSED PAVEMENT MARKING (TYP.)
- (H) TEMPORARY PAVEMENT MARKING (TYP.)
- (I) TEMPORARY CONCRETE MEDIAN BARRIER

FILE NAME = Typical Sections.dgn	USER NAME = IDOT(eng)	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC TYPICAL SECTION STAGE III			F.A.U. RTE. 3537	SECTION (4Y&22-3)R-2	COUNTY DUPAGE	TOTAL SHEETS 284	SHEET NO. 66
		DRAWN - BLV	REVISED -		SCALE: N.T.S.	SHEET NO. 66 OF	SHEETS	STA.	TO STA.	CONTRACT NO. 62093		
		CHECKED - SRG	REVISED -									
		DATE - 1/18/10	REVISED -									
								FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

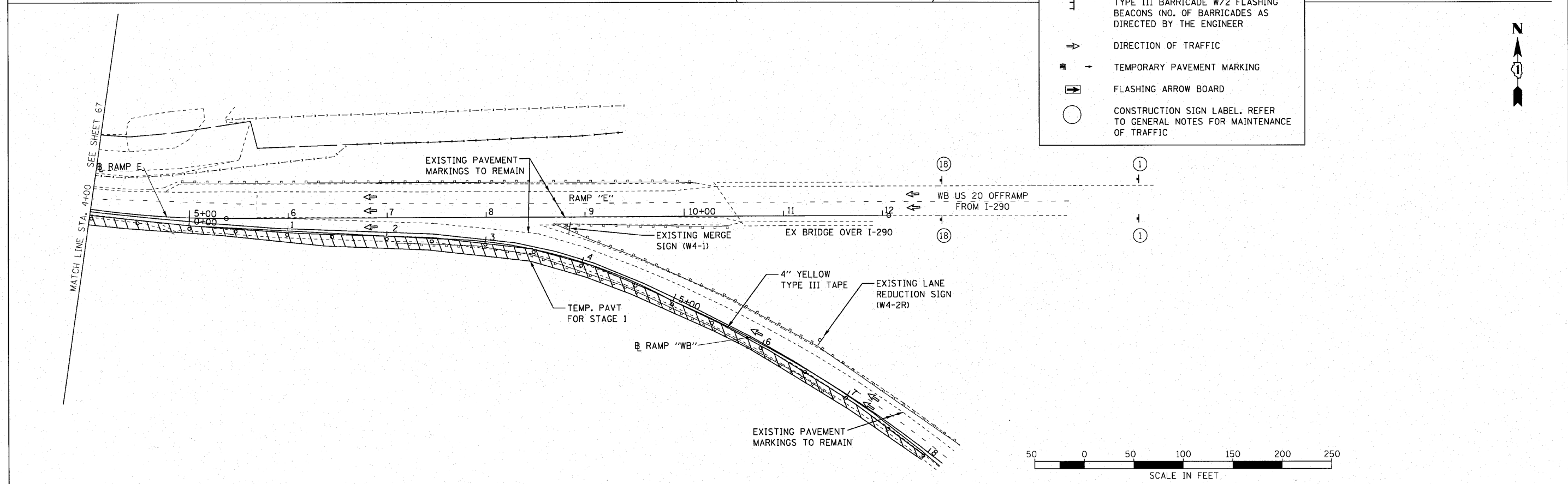
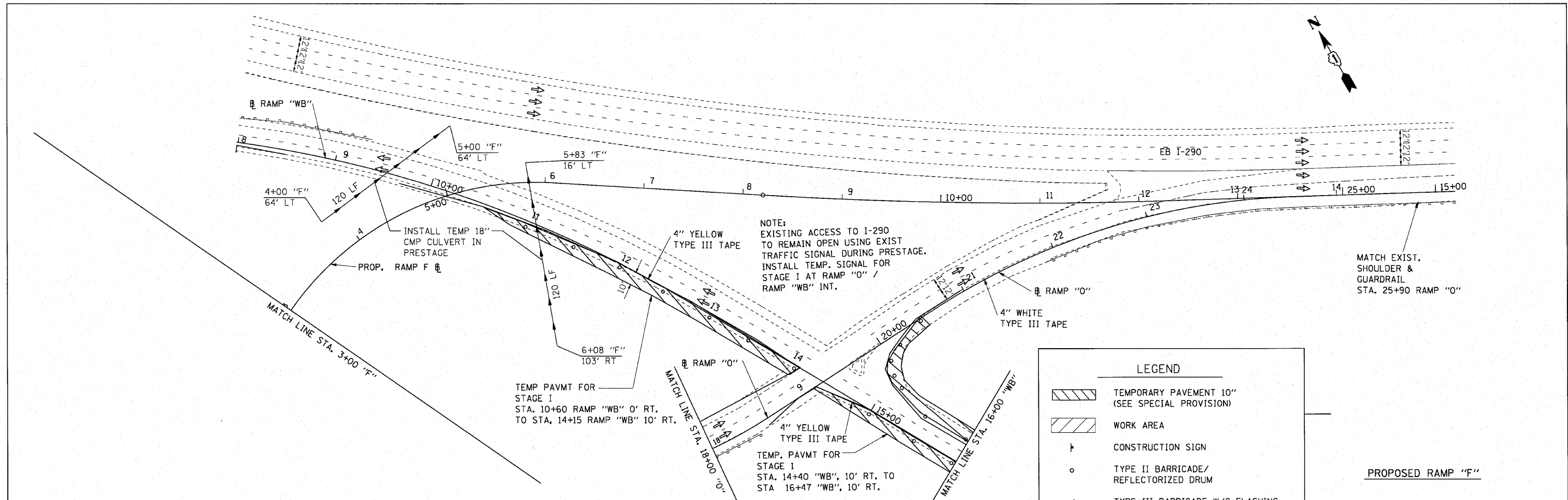


LEGEND

	TEMPORARY PAVEMENT 10" (SEE SPECIAL PROVISION)		DIRECTION OF TRAFFIC
	WORK AREA		TEMPORARY PAVEMENT MARKING
	CONSTRUCTION SIGN		FLASHING ARROW BOARD
	TYPE II BARRICADE/ REFLECTORIZED DRUM		CONSTRUCTION SIGN LABEL. REFER TO GENERAL NOTES FOR MAINTENANCE OF TRAFFIC
	TYPE III BARRICADE W/2 FLASHING BEACONS (NO. OF BARRICADES AS DIRECTED BY THE ENGINEER)		

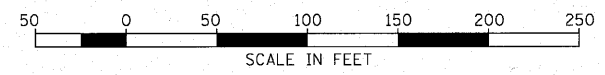


FILE NAME = 000.MDT.dgn	USER NAME = nrempfer	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	U.S. ROUTE 20 (LAKE STREET) MAINTENANCE OF TRAFFIC PRESTAGE			F.A.U. RTE. 3537	SECTION (4Y & 22-3)R-2	COUNTY DUPAGE	TOTAL SHEETS 284	SHEET NO. 68
#FILE#	PLOT SCALE = 1"=50'	DRAWN - BLV	REVISED -		SCALE: 1"=50'	SHEET NO. 68 OF	SHEETS	STA. 364+00 TO STA. 390+00	CONTRACT NO. 62093		ILLINOIS FED. AID PROJECT	
	PLOT DATE = 5/27/2010	CHECKED - SRG	REVISED -									
		DATE - 1/18/10	REVISED -									



LEGEND

- TEMPORARY PAVEMENT 10" (SEE SPECIAL PROVISION)
- WORK AREA
- CONSTRUCTION SIGN
- TYPE II BARRICADE/ REFLECTORIZED DRUM
- TYPE III BARRICADE W/2 FLASHING BEACONS (NO. OF BARRICADES AS DIRECTED BY THE ENGINEER)
- DIRECTION OF TRAFFIC
- TEMPORARY PAVEMENT MARKING
- FLASHING ARROW BOARD
- CONSTRUCTION SIGN LABEL. REFER TO GENERAL NOTES FOR MAINTENANCE OF TRAFFIC



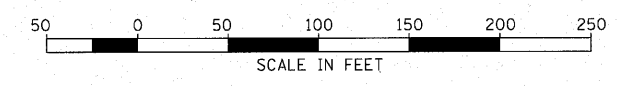
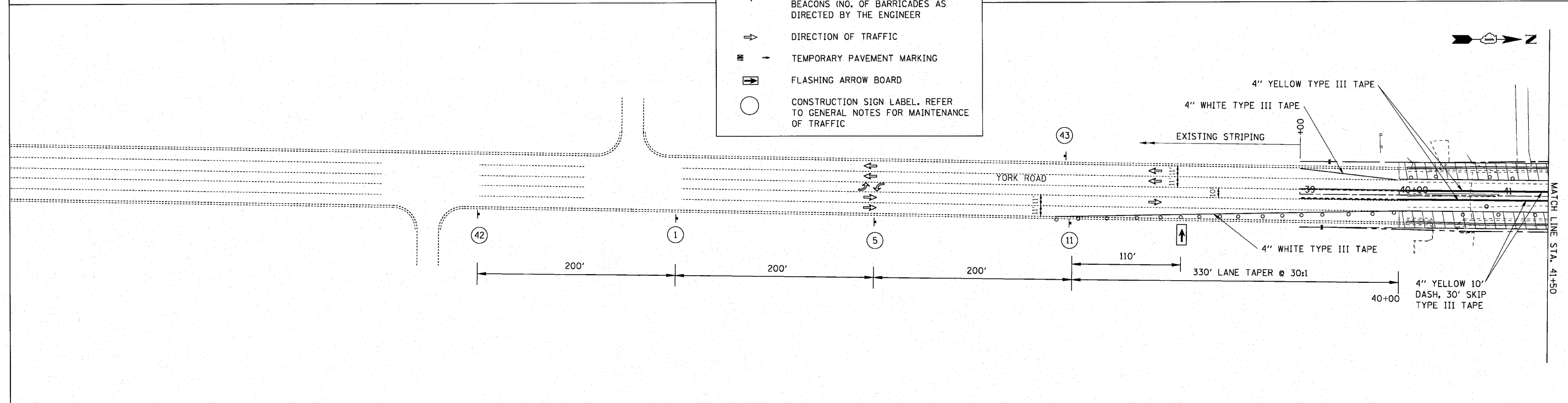
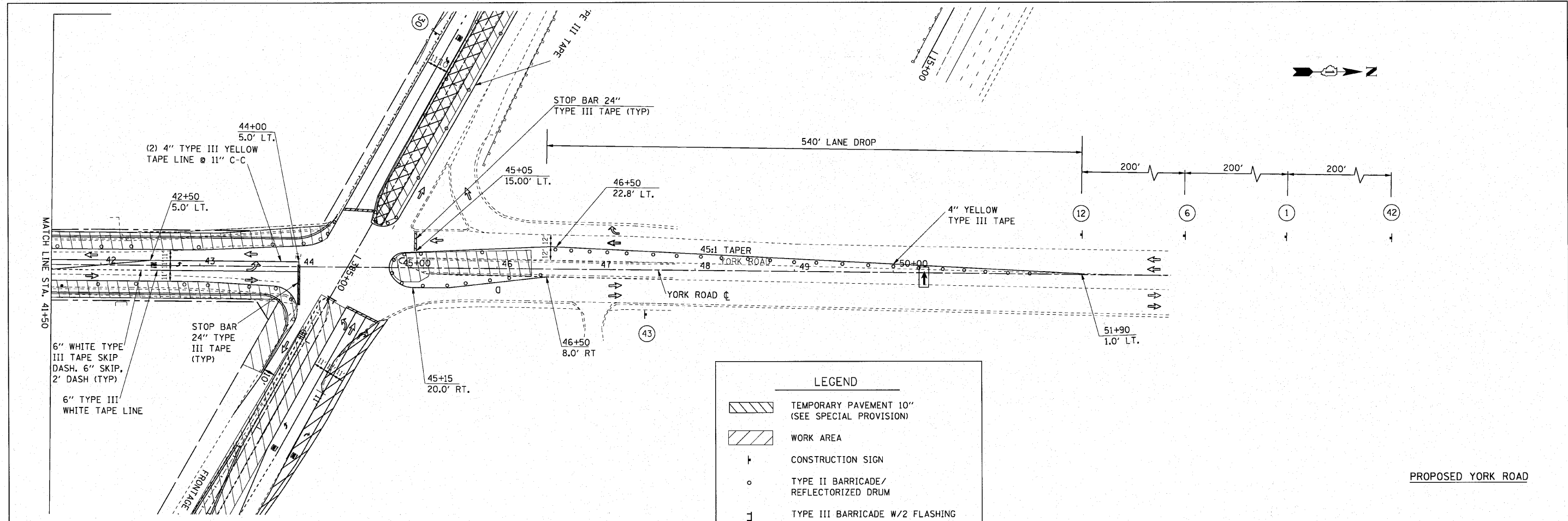
FILE NAME = 000.MDT.dgn	USER NAME = Matt Remfer IDOT VB	DESIGNED -	REVISED -
000.MDT.dgn		DRAWN - BLV	REVISED -
		CHECKED - SRC	REVISED -
		DATE - 1/18/10	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

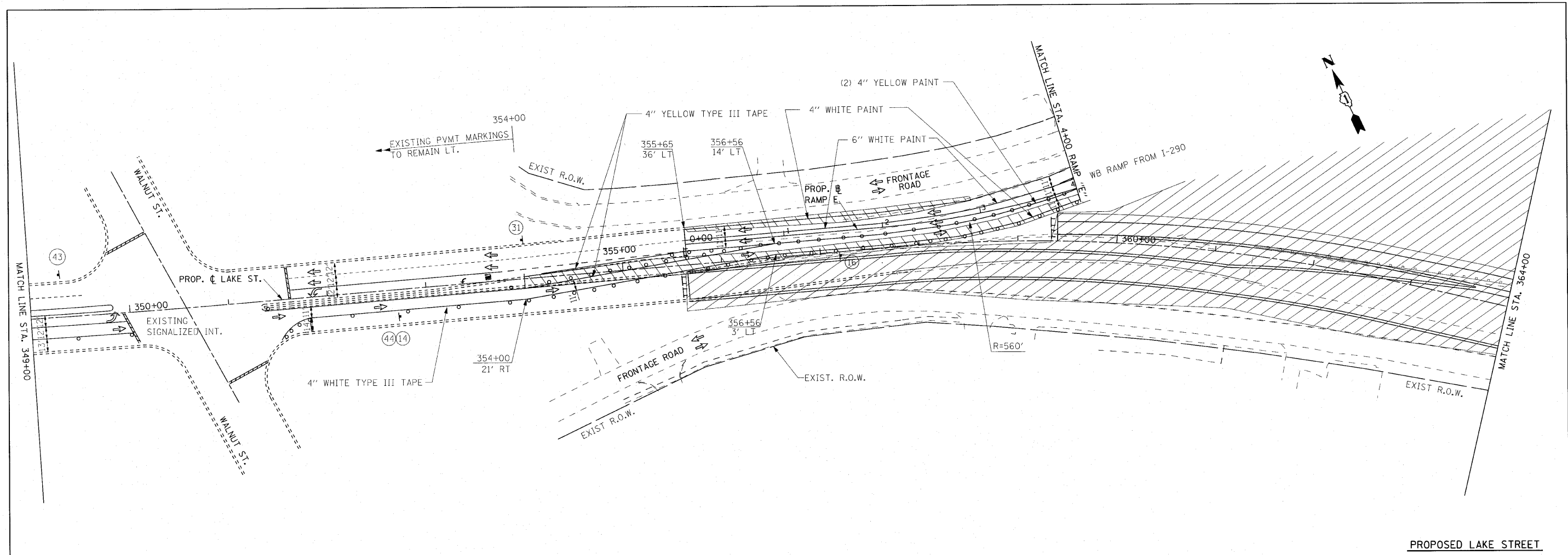
**RAMP "E", "F", "WB" AND RAMP "O"
MAINTENANCE OF TRAFFIC PRESTAGE**

SCALE: 1"=50' SHEET NO. 69 OF SHEETS STA. TO STA.

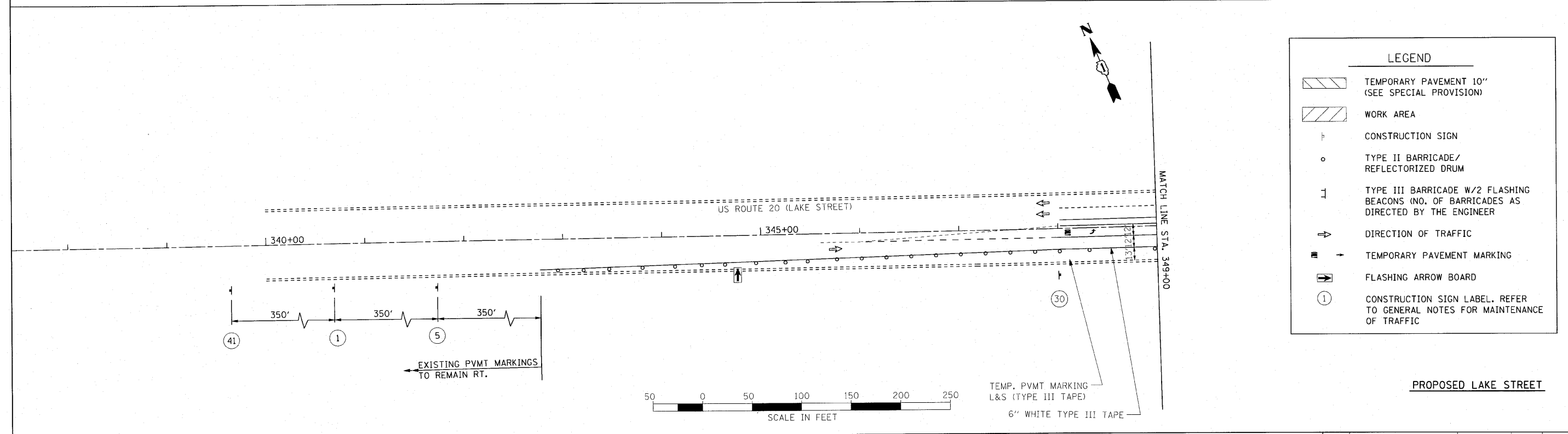
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3537	(4Y & 22-3JR-2	DUPAGE	284	69
CONTRACT NO. 62093			ILLINOIS FED. AID PROJECT	



FILE NAME = 020_MDT.dgn	USER NAME = Matt Rempfer IDOT V8	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	YORK ROAD MAINTENANCE OF TRAFFIC PRESTAGE			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1"=50'	DRAWN - BLV	REVISED -		3537	(4Y & 22-3R-2)	DUPAGE	284	70			
PLOT DATE = 4/12/2010	CHECKED - SRG	REVISED -	REVISED -	SCALE: 1"=50'	SHEET NO. 70 OF	SHEETS	STA. 337+00 TO STA. 364+00	CONTRACT NO. 62093				
	DATE - 1/18/10	REVISED -	REVISED -	ILLINOIS FED. AID PROJECT								



PROPOSED LAKE STREET

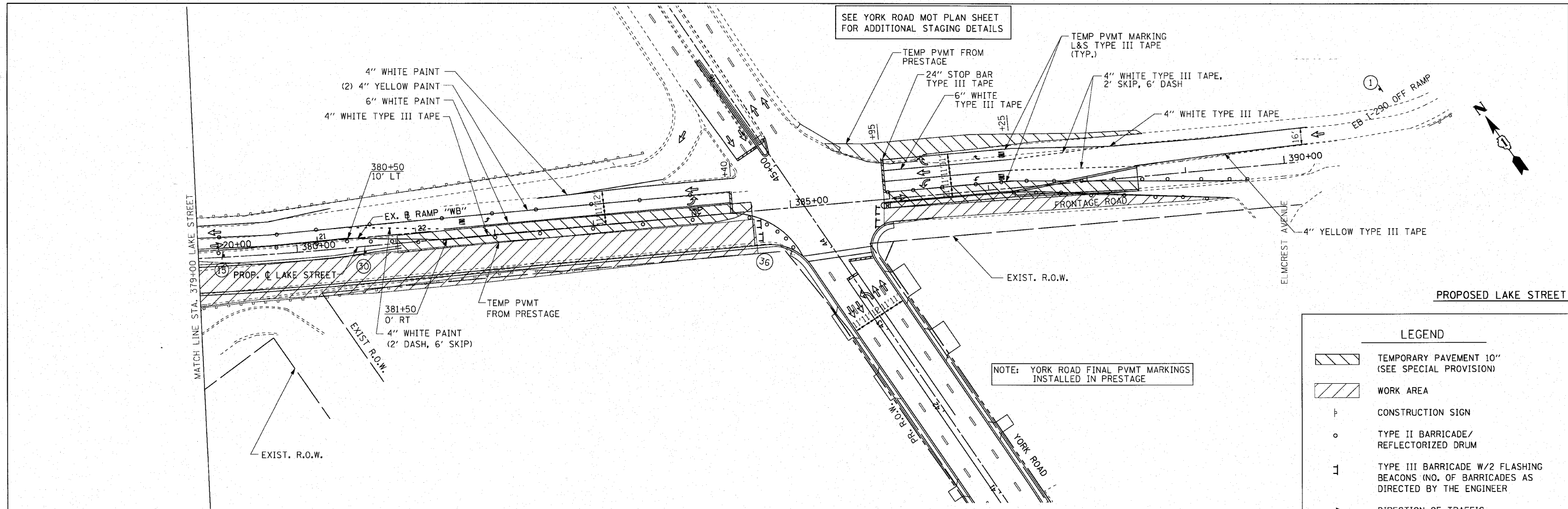


PROPOSED LAKE STREET

LEGEND

	TEMPORARY PAVEMENT 10" (SEE SPECIAL PROVISION)
	WORK AREA
	CONSTRUCTION SIGN
	TYPE II BARRICADE/ REFLECTORIZED DRUM
	TYPE III BARRICADE W/2 FLASHING BEACONS (NO. OF BARRICADES AS DIRECTED BY THE ENGINEER)
	DIRECTION OF TRAFFIC
	TEMPORARY PAVEMENT MARKING
	FLASHING ARROW BOARD
	CONSTRUCTION SIGN LABEL. REFER TO GENERAL NOTES FOR MAINTENANCE OF TRAFFIC

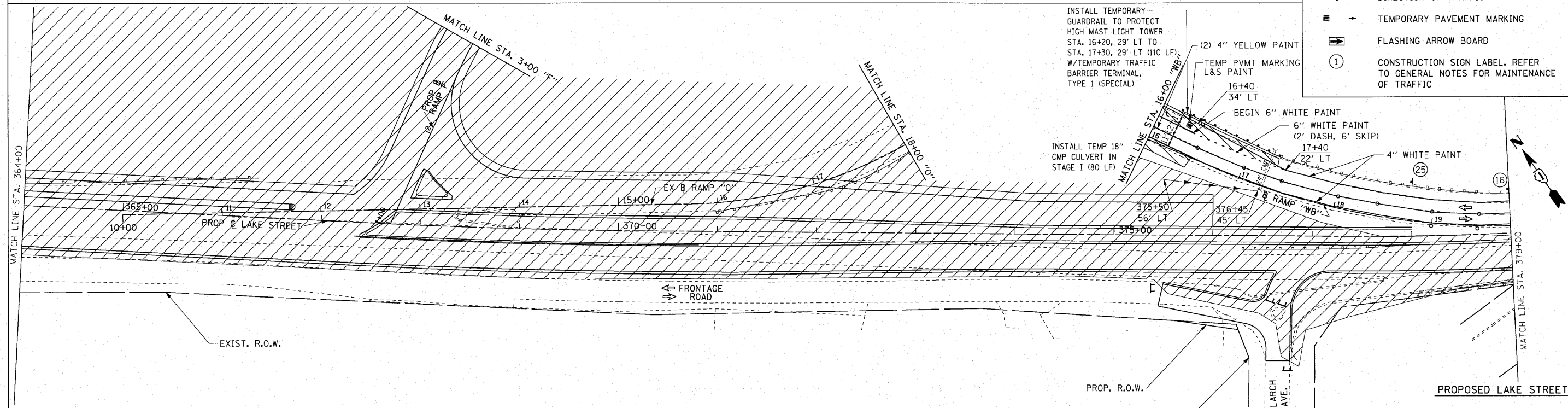
FILE NAME =	USER NAME = mranpfer	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	U.S. ROUTE 20 (LAKE STREET) MAINTENANCE OF TRAFFIC STAGE I			F.A.U. RTE. 3537	SECTION (4Y&22-31R-2)	COUNTY DUPAGE	TOTAL SHEETS 284	SHEET NO. 71
#FILEL&s		DRAWN - BLV	REVISED -		SCALE: 1"=50'	SHEET NO. 71 OF	SHEETS	STA. 337+00	TO STA. 364+00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 62093
		CHECKED - SRG	REVISED -									
		DATE - 1/18/10	REVISED -									



SEE YORK ROAD MOT PLAN SHEET FOR ADDITIONAL STAGING DETAILS

NOTE: YORK ROAD FINAL PVMT MARKINGS INSTALLED IN PRESTAGE

LEGEND	
	TEMPORARY PAVEMENT 10" (SEE SPECIAL PROVISION)
	WORK AREA
	CONSTRUCTION SIGN
	TYPE II BARRICADE/ REFLECTORIZED DRUM
	TYPE III BARRICADE W/2 FLASHING BEACONS (NO. OF BARRICADES AS DIRECTED BY THE ENGINEER)
	DIRECTION OF TRAFFIC
	TEMPORARY PAVEMENT MARKING
	FLASHING ARROW BOARD
	CONSTRUCTION SIGN LABEL. REFER TO GENERAL NOTES FOR MAINTENANCE OF TRAFFIC

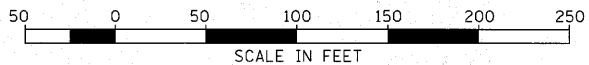


INSTALL TEMPORARY GUARDRAIL TO PROTECT HIGH MAST LIGHT TOWER STA. 16+20, 29' LT TO STA. 17+30, 29' LT (110 LF), W/TEMPORARY TRAFFIC BARRIER TERMINAL, TYPE I (SPECIAL)

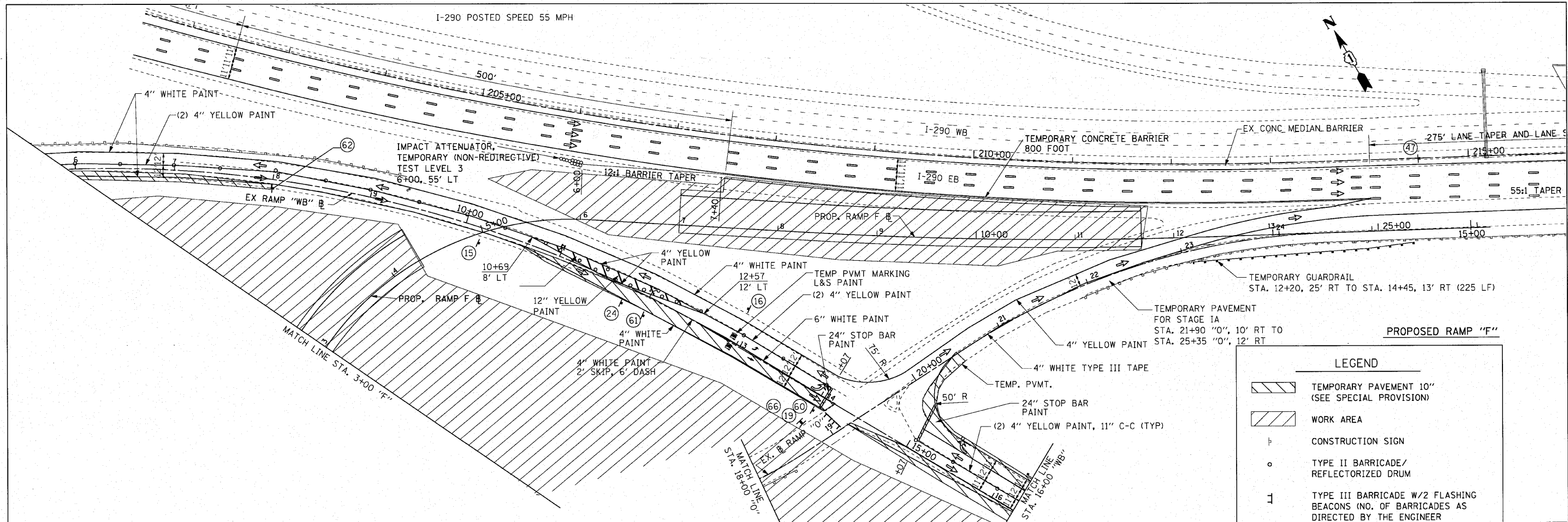
INSTALL TEMP 18" CMP CULVERT IN STAGE I (80 LF)

NOTE: FINAL PVMT MARKINGS TO BE PLACED AT END OF STAGE 1 ON LARCH AVE. / FRONTAGE ROAD

NOTE: EXISTING ACCESS TO BE MAINTAINED ON FRONTAGE ROAD

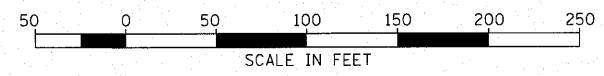
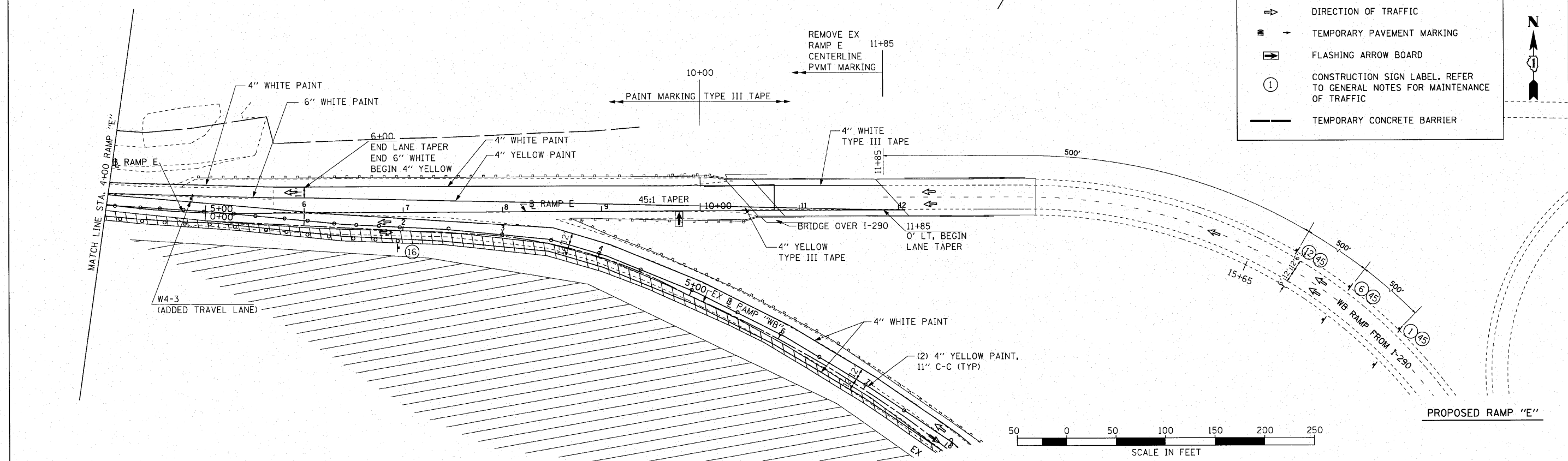


FILE NAME = 001.MOT.dgn	USER NAME = Matt Rempfer 100T V8	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	U.S. ROUTE 20 (LAKE STREET) MAINTENANCE OF TRAFFIC STAGE I			F.A.U. RTE. = 3537	SECTION = (4Y&22-3/R-2)	COUNTY = DUPAGE	TOTAL SHEETS = 284	SHEET NO. = 72
PLOT SCALE = 5/8"=1' / in.		DRAWN - BLV	REVISED -		SCALE: 1"=50'	SHEET NO. 72 OF	SHEETS	STA. 364+00	TO STA. 390+00	CONTRACT NO. 62093		
PLOT DATE = 4/12/2010		CHECKED - SRG	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
		DATE - 1/18/10	REVISED -									

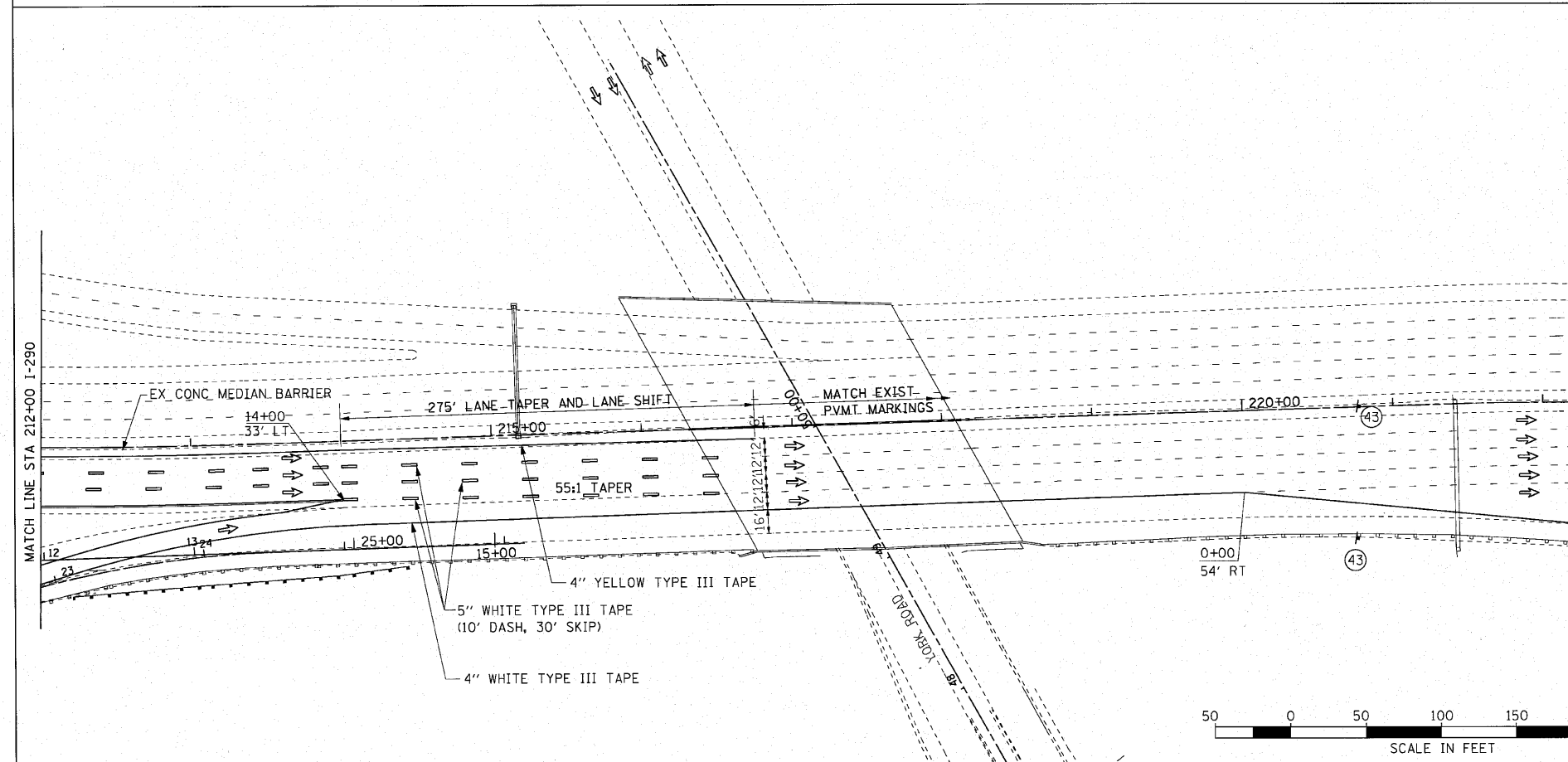
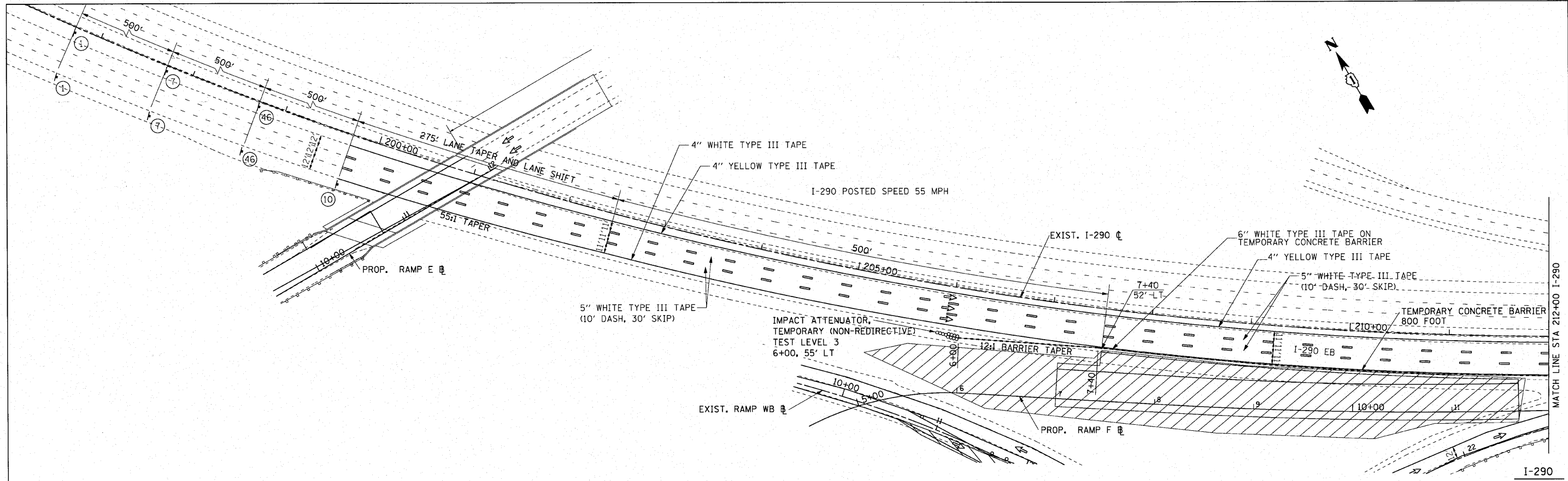


LEGEND

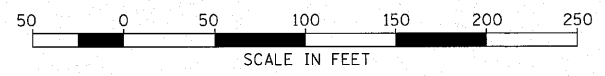
- TEMPORARY PAVEMENT 10" (SEE SPECIAL PROVISION)
- WORK AREA
- CONSTRUCTION SIGN
- TYPE II BARRICADE/ REFLECTORIZED DRUM
- TYPE III BARRICADE W/2 FLASHING BEACONS (NO. OF BARRICADES AS DIRECTED BY THE ENGINEER)
- DIRECTION OF TRAFFIC
- TEMPORARY PAVEMENT MARKING
- FLASHING ARROW BOARD
- CONSTRUCTION SIGN LABEL. REFER TO GENERAL NOTES FOR MAINTENANCE OF TRAFFIC
- TEMPORARY CONCRETE BARRIER



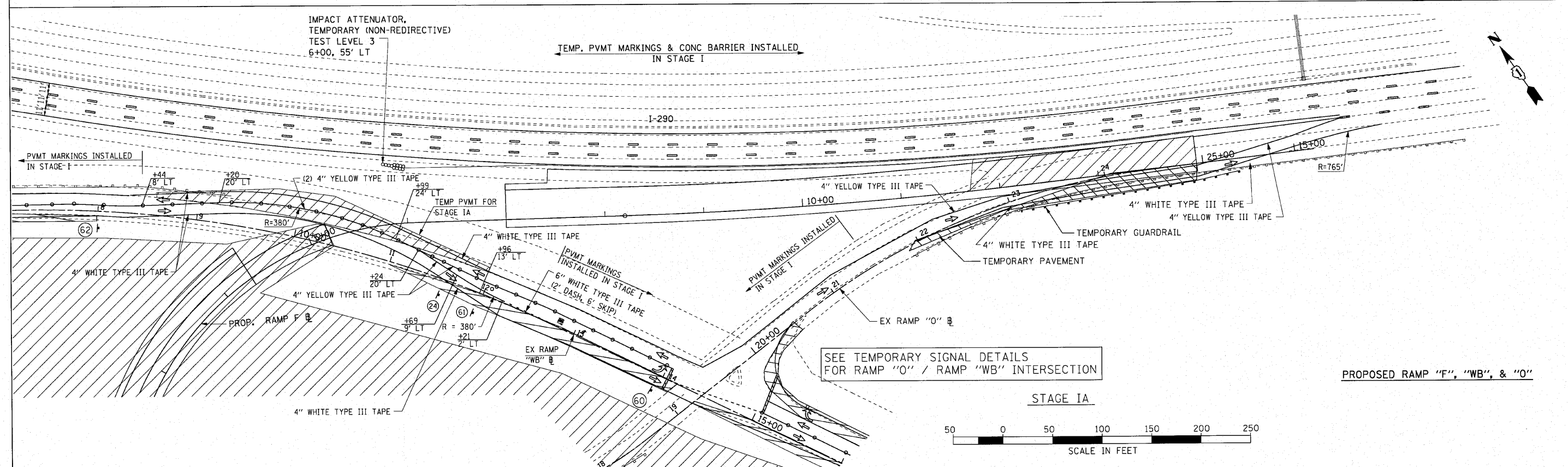
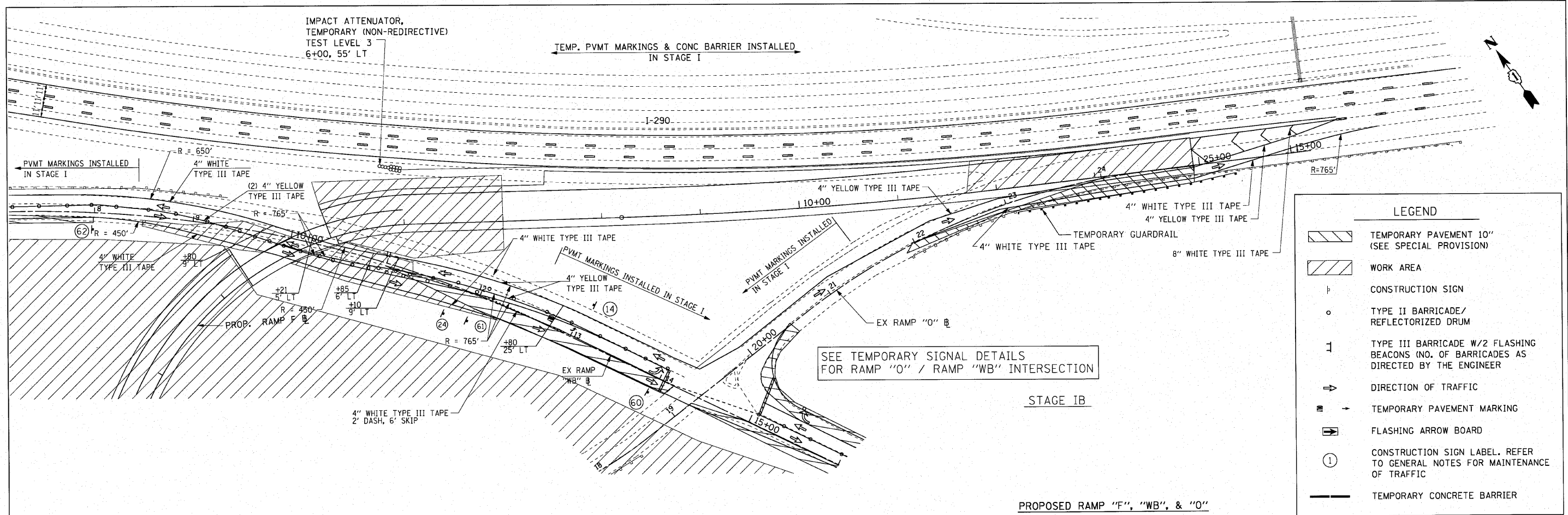
FILE NAME = 001_M0T.dgn	USER NAME = Matt Rempfer 1DDT V8	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RAMPS "E", "F", "WB", "O" AND I-290 MAINTENANCE OF TRAFFIC STAGE I			F.A.U. RTE. 3537	SECTION (4)822-3(R)-2	COUNTY DUPAGE	TOTAL SHEETS 284	SHEET NO. 73
PLDT SCALE = 58.0000' / in.	CHECKED - SRG	REVISOR -	REVISOR -		SCALE: 1"=50'	SHEET NO. 73 OF	SHEETS	STA.	TO STA.	CONTRACT NO. 62093		
PLDT DATE = 4/12/2010	DATE - 1/18/10	REVISOR -	REVISOR -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							



LEGEND			
	TEMPORARY PAVEMENT 10" (SEE SPECIAL PROVISION)		DIRECTION OF TRAFFIC
	WORK AREA		TEMPORARY PAVEMENT MARKING
	CONSTRUCTION SIGN		FLASHING ARROW BOARD
	TYPE II BARRICADE/ REFLECTORIZED DRUM		CONSTRUCTION SIGN LABEL. REFER TO GENERAL NOTES FOR MAINTENANCE OF TRAFFIC
	TYPE III BARRICADE W/2 FLASHING BEACONS (NO. OF BARRICADES AS DIRECTED BY THE ENGINEER)		TEMPORARY CONCRETE BARRIER

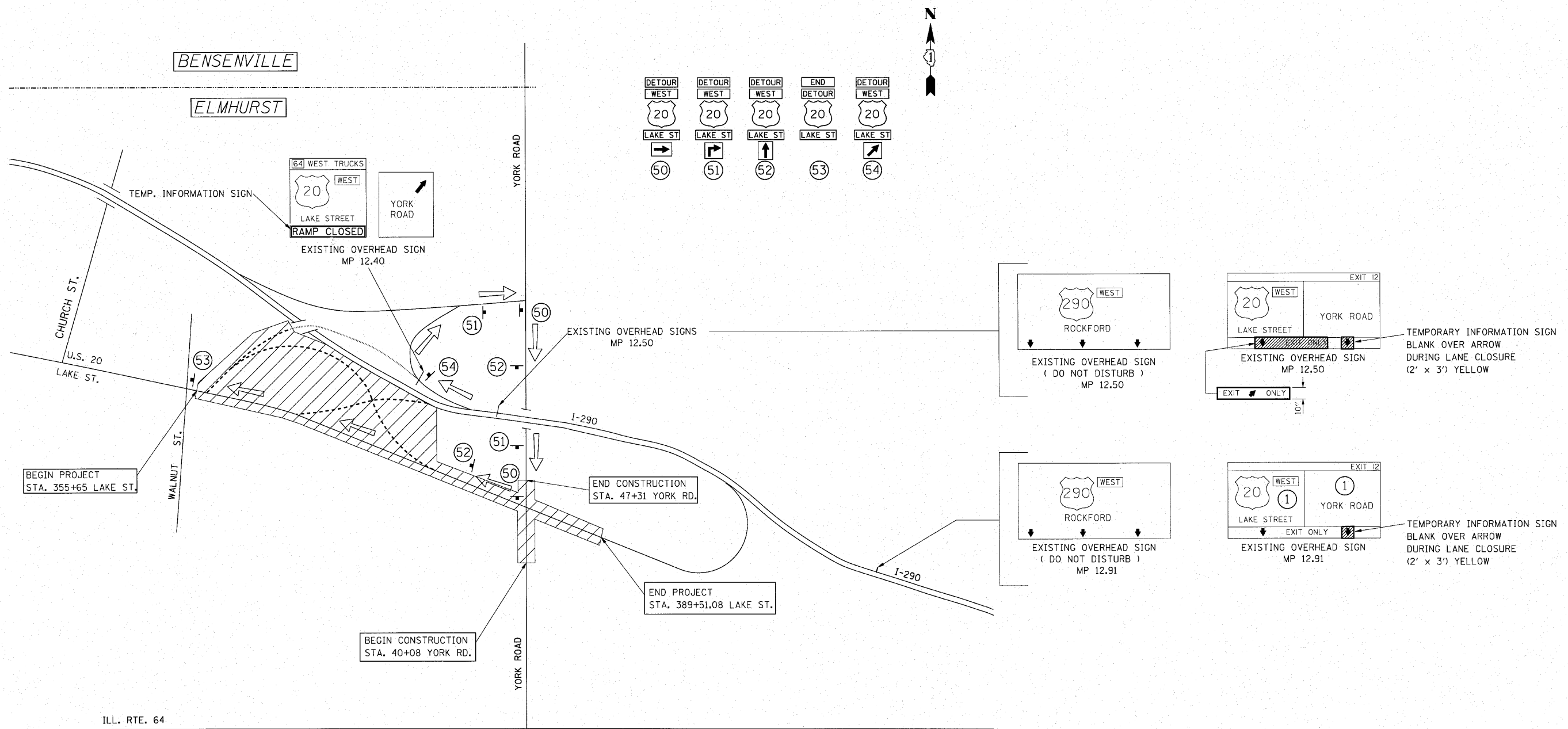


FILE NAME = 021_MOT.dgn	USER NAME = IDDT(eng)	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-290 MAINTENANCE OF TRAFFIC STAGE I	F.A.U. RTE. 3537	SECTION (4Y&22-3R-2)	COUNTY DUPAGE	TOTAL SHEETS 268	SHEET NO. 74		
PLOT SCALE = 50.0000' / 1"	CHECKED - SRG	REVISED -	REVISED -			SCALE: 1"=50'	SHEET NO. 74 OF	SHEETS	STA. TO STA.	CONTRACT NO. 62093		
PLOT DATE = 3/23/2010	DATE - 1/18/10	REVISED -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						



FILE NAME = 021_MDT.dgn	USER NAME = Matt Rampfer 1007 V8	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RAMPS "F", "E", "WB", "O", & I-290 MAINTENANCE OF TRAFFIC STAGE IA & IB			F.A.U. RTE. 3537	SECTION (4Y&22-3)R-2	COUNTY DUPAGE	TOTAL SHEETS 284	SHEET NO. 75
PLOT SCALE = 50.0000' / in.		DRAWN - BLV	REVISED -		SCALE: 1"=50'	SHEET NO. 75 OF	SHEETS	STA.	TO STA.	CONTRACT NO. 62093		
PLOT DATE = 4/12/2010		CHECKED - SRG	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
DATE = 1/18/10		DATE - 1/18/10	REVISED -									

NOTE: ADDITIONAL DETOUR SIGNING TO BE INSTALLED FOR LIMITED TIME CLOSURE OF RAMP "E" (WB US 20 OFF RAMP FROM I-290) DURING STAGE II. SEE NEXT SHEET



LEGEND

- RAMP UNDER CONSTRUCTION
- RAMP CLOSED
- EXITING I-290
- ENTERING I-290
- ▨ CONSTRUCTION AREA

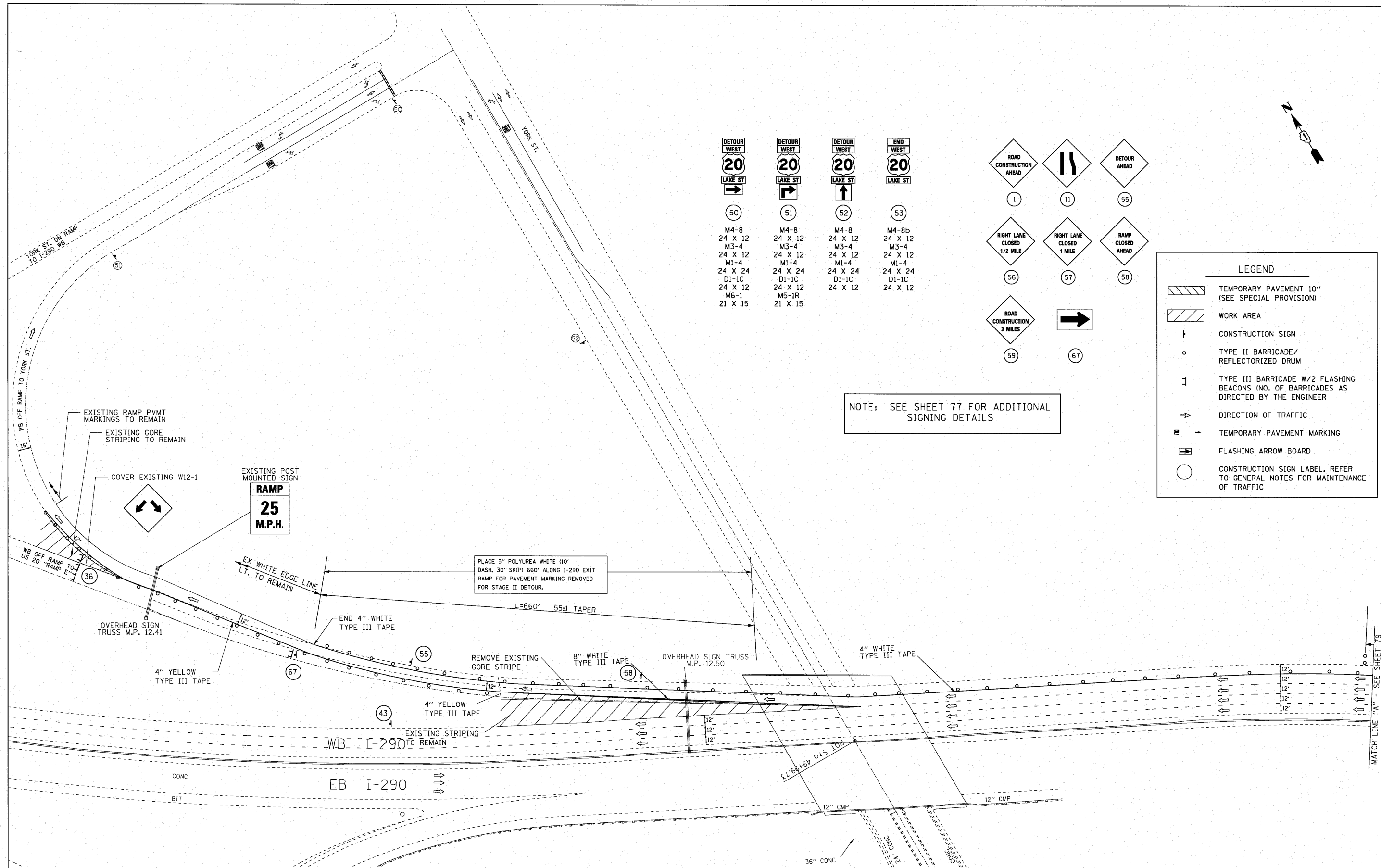
FILE NAME = det.mot.dgn	USER NAME = Matt Rempfer IDOT V8	DESIGNED -	REVISED -
		DRAWN - BLV	REVISED -
		CHECKED - SRC	REVISED -
		DATE - 1/18/10	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**U.S. RTE. 20 (LAKE ST.)
MAINTENANCE OF TRAFFIC STAGE II
TEMPORARY DETOUR PLAN**

SCALE: N.T.S. SHEET NO. 77 OF SHEETS STA. TO STA.

F.A.U. RTE. 3537	SECTION (4Y&22-3)R-2	COUNTY DUPAGE	TOTAL SHEETS 284	SHEET NO. 77
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
CONTRACT NO. 62093				



- | | | | |
|--|---|---|--|
| DETOUR WEST
20
LAKE ST
→ | DETOUR WEST
20
LAKE ST
↘ | DETOUR WEST
20
LAKE ST
↑ | END WEST
20
LAKE ST |
| 50 | 51 | 52 | 53 |
| M4-8
24 X 12
M3-4
24 X 12
M1-4
24 X 24
D1-1C
24 X 12
M6-1
21 X 15 | M4-8
24 X 12
M3-4
24 X 12
M1-4
24 X 24
D1-1C
24 X 12
M5-1R
21 X 15 | M4-8
24 X 12
M3-4
24 X 12
M1-4
24 X 24
D1-1C
24 X 12 | M4-8b
24 X 12
M3-4
24 X 12
M1-4
24 X 24
D1-1C
24 X 12 |

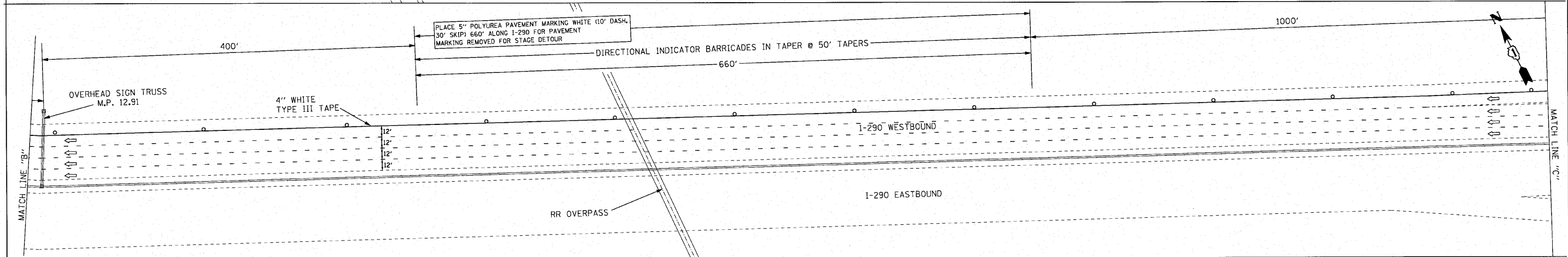
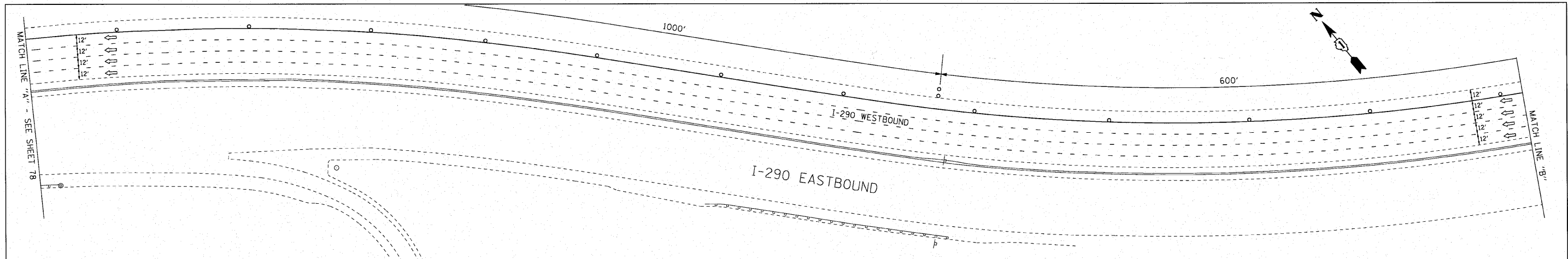
- | | | |
|---|---|--------------------------------|
| ROAD CONSTRUCTION AHEAD
1 | RIGHT LANE CLOSED 1/2 MILE
11 | DETOUR AHEAD
55 |
| RIGHT LANE CLOSED 1/2 MILE
56 | RIGHT LANE CLOSED 1 MILE
57 | RAMP CLOSED AHEAD
58 |
| ROAD CONSTRUCTION 3 MILES
59 | →
67 | |

NOTE: SEE SHEET 77 FOR ADDITIONAL SIGNING DETAILS

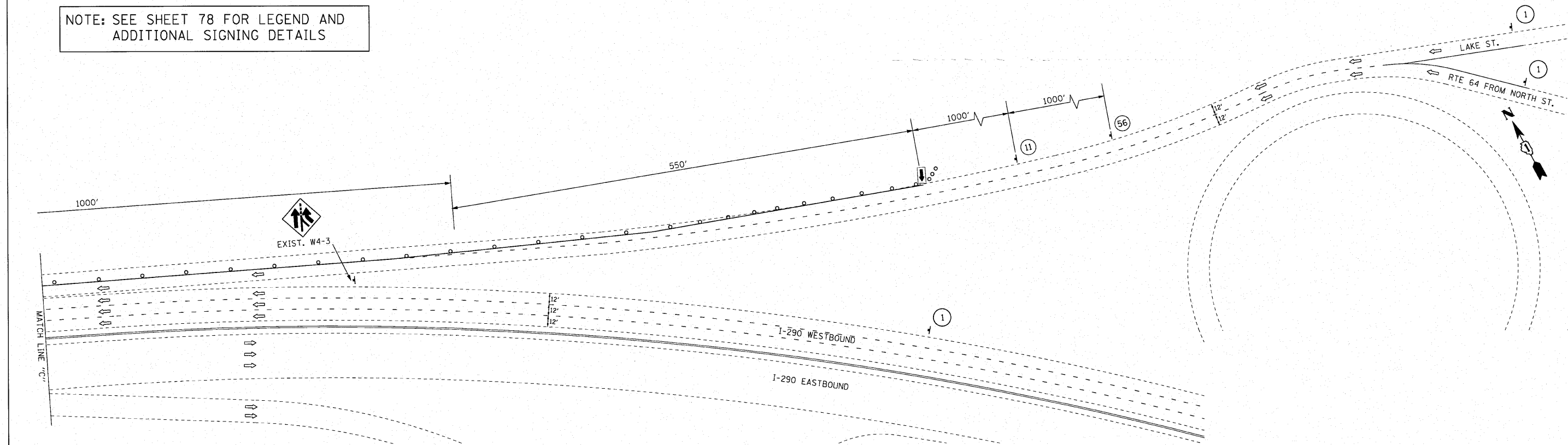
LEGEND

- TEMPORARY PAVEMENT 10" (SEE SPECIAL PROVISION)
- WORK AREA
- CONSTRUCTION SIGN
- TYPE II BARRICADE/ REFLECTORIZED DRUM
- TYPE III BARRICADE W/2 FLASHING BEACONS (NO. OF BARRICADES AS DIRECTED BY THE ENGINEER)
- DIRECTION OF TRAFFIC
- TEMPORARY PAVEMENT MARKING
- FLASHING ARROW BOARD
- CONSTRUCTION SIGN LABEL. REFER TO GENERAL NOTES FOR MAINTENANCE OF TRAFFIC

FILE NAME = 60A Border.dgn	USER NAME = Matt Rempfer IDDT VB	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-290 MAINTENANCE OF TRAFFIC STAGE II	F.A.U. RTE. 3537	SECTION (4Y&22-3)R-2	COUNTY DUPAGE	TOTAL SHEETS 284	SHEET NO. 78	
PLOT SCALE = 53.1746' / in.	CHECKED - SRG	DRAWN - BLV	REVISED -			SCALE: 1"=50'		SHEET NO. 78 OF SHEETS STA. TO STA.		CONTRACT NO. 62093	
PLOT DATE = 4/12/2010	DATE - 1/18/10	REVISOR -	REVISOR -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					



NOTE: SEE SHEET 78 FOR LEGEND AND ADDITIONAL SIGNING DETAILS



FILE NAME =
60A Border.dgn

USER NAME = Matt Rampfer IDOT V8
PLOT SCALE = 53.1746' / in.
PLOT DATE = 4/12/2010

DESIGNED -
DRAWN - BLV
CHECKED - SRG
DATE - 1/18/10

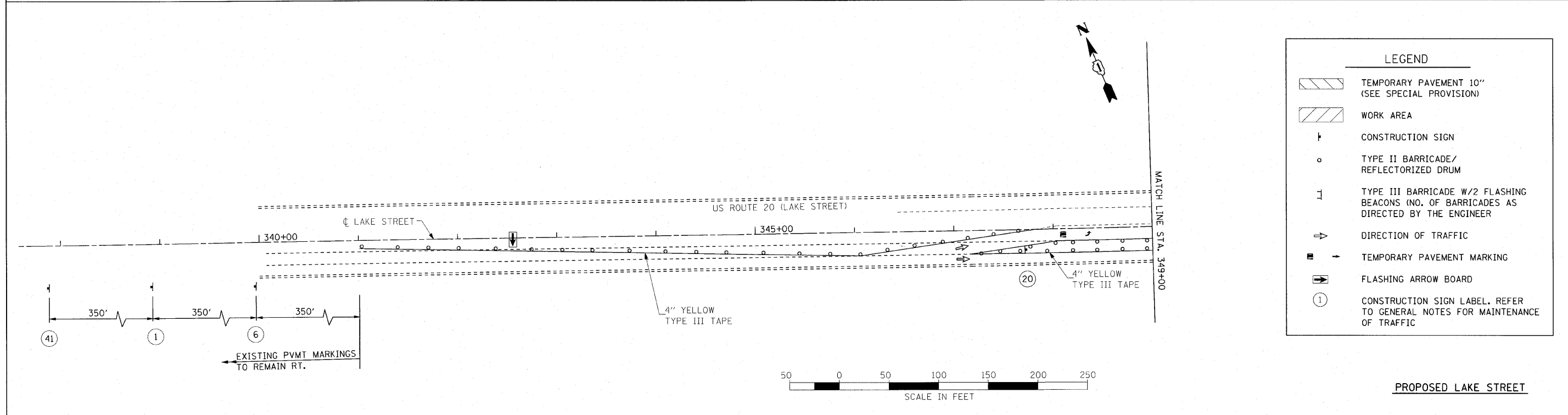
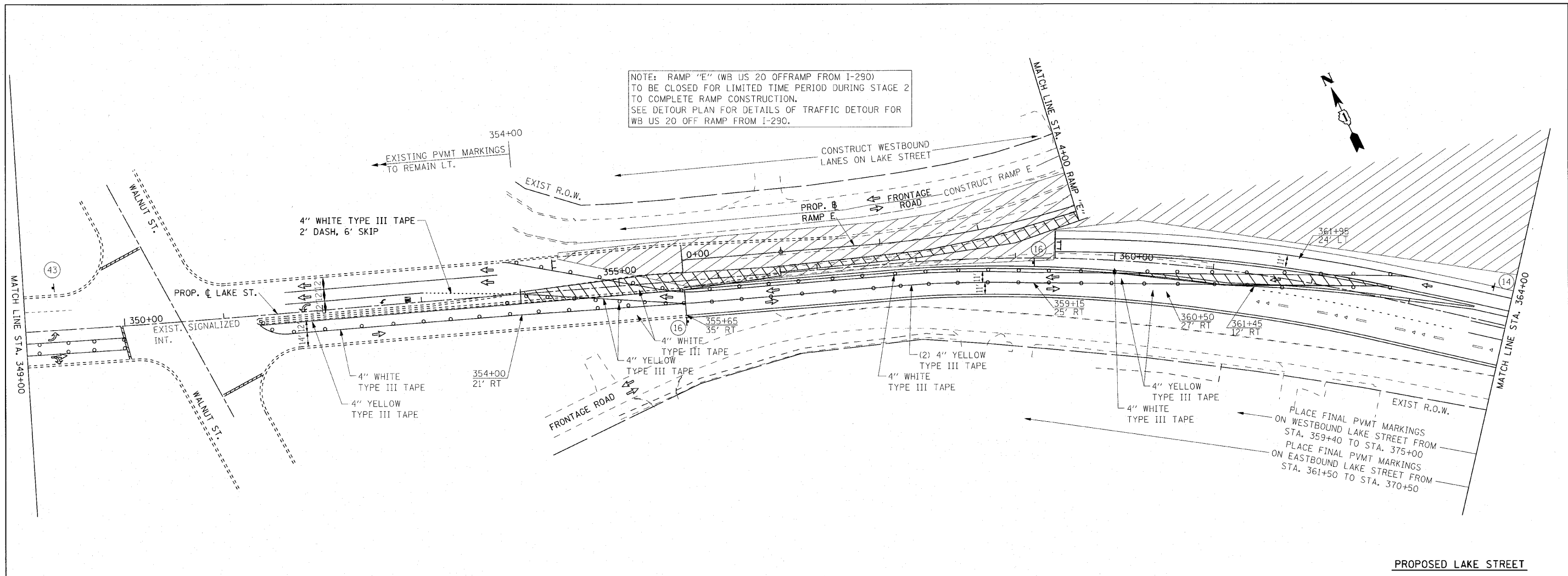
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

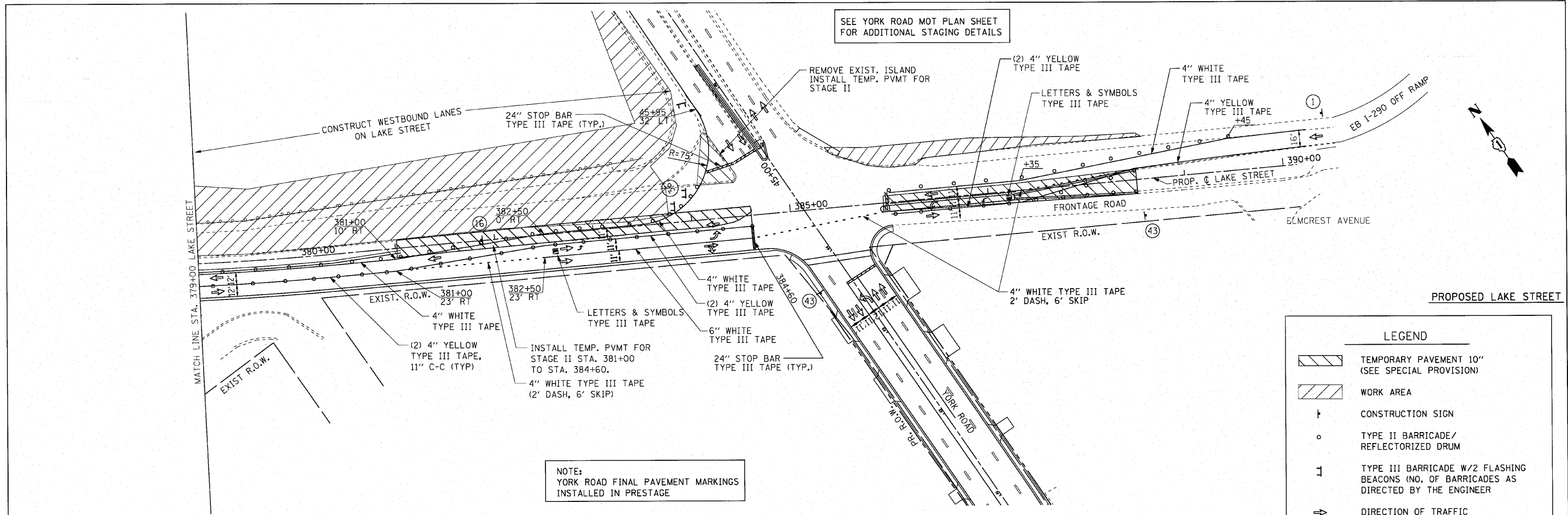
I-290
MAINTENANCE OF TRAFFIC STAGE II

SCALE: 1"=50' SHEET NO. 78 OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3537	(4Y&22-3)R-2	DUPAGE	284	79
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 62093		



FILE NAME =	USER NAME = mampfer	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	U.S. ROUTE 20 (LAKE STREET) MAINTENANCE OF TRAFFIC STAGE II			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL\$		DRAWN - BLV	REVISD -		SCALE: 1"=50'	SHEET NO. 80 OF	SHEETS	STA. 337+00	TO STA. 364+00	DUPAGE	284	80
		CHECKED - SRG	REVISD -		CONTRACT NO. 62093							
		DATE - 1/18/10	REVISD -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

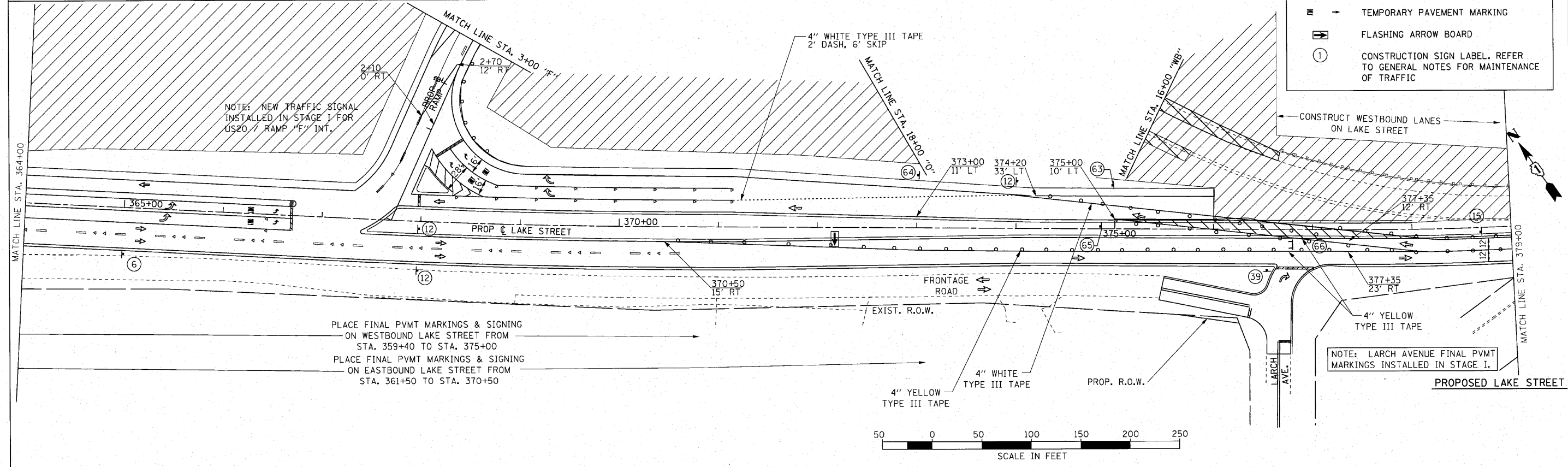


SEE YORK ROAD MOT PLAN SHEET FOR ADDITIONAL STAGING DETAILS

NOTE:
YORK ROAD FINAL PAVEMENT MARKINGS
INSTALLED IN PRESTAGE

LEGEND

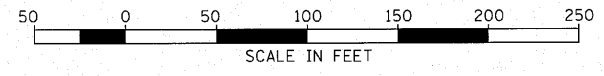
- TEMPORARY PAVEMENT 10" (SEE SPECIAL PROVISION)
- WORK AREA
- CONSTRUCTION SIGN
- TYPE II BARRICADE/ REFLECTORIZED DRUM
- TYPE III BARRICADE W/2 FLASHING BEACONS (NO. OF BARRICADES AS DIRECTED BY THE ENGINEER)
- DIRECTION OF TRAFFIC
- TEMPORARY PAVEMENT MARKING
- FLASHING ARROW BOARD
- CONSTRUCTION SIGN LABEL. REFER TO GENERAL NOTES FOR MAINTENANCE OF TRAFFIC



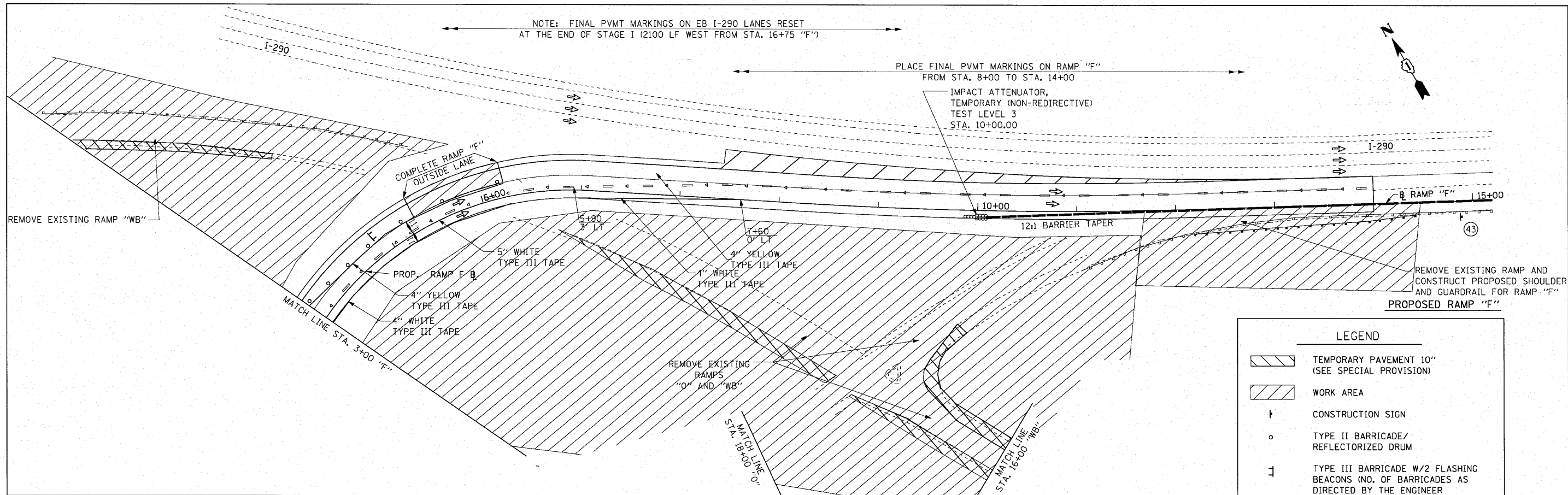
NOTE: NEW TRAFFIC SIGNAL
INSTALLED IN STAGE I FOR
US20 / RAMP "F" INT.

PLACE FINAL PVMT MARKINGS & SIGNING
ON WESTBOUND LAKE STREET FROM
STA. 359+40 TO STA. 375+00
PLACE FINAL PVMT MARKINGS & SIGNING
ON EASTBOUND LAKE STREET FROM
STA. 361+50 TO STA. 370+50

NOTE: LARCH AVENUE FINAL PVMT
MARKINGS INSTALLED IN STAGE I.

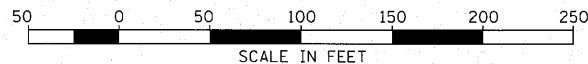
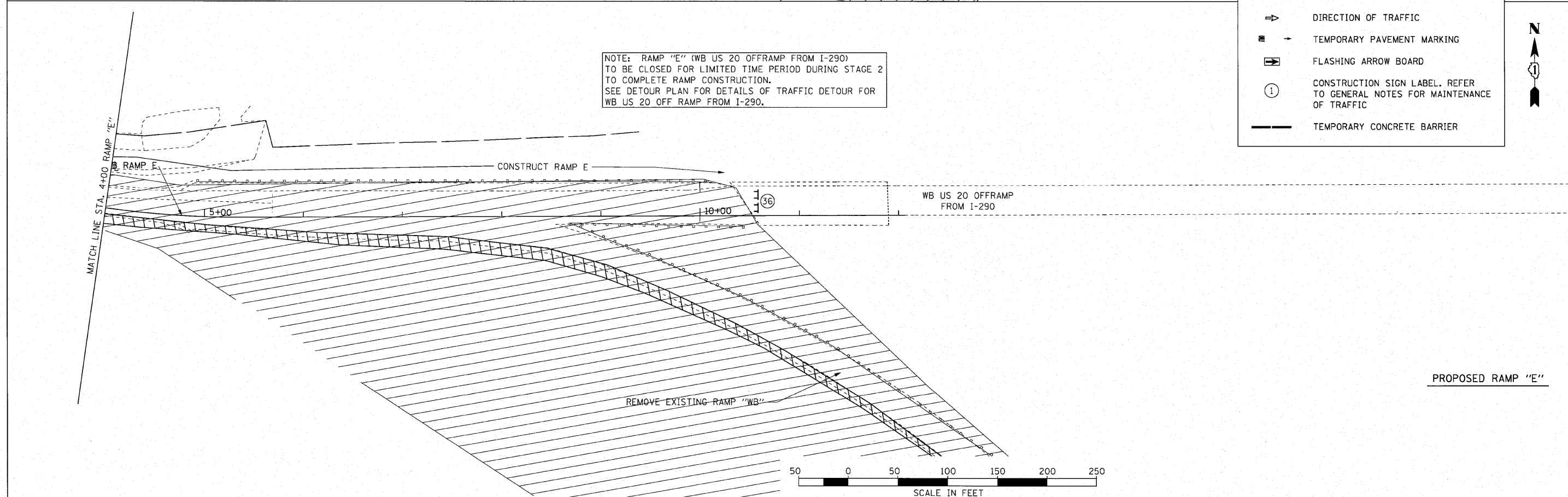


FILE NAME = 022_MOT.dgn	USER NAME = Matt Rempfer IDOT V8	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	U.S. ROUTE 20 (LAKE STREET) MAINTENANCE OF TRAFFIC STAGE II			F.A.U. RTE. 3537	SECTION (4Y&22-3R-2)	COUNTY DUPAGE	TOTAL SHEETS 284	SHEET NO. 81
	PLOT SCALE = 50.0000' / 1" =	CHECKED - SRG	REVISED -		SCALE: 1"=50'	SHEET NO. 81 OF	SHEETS	STA. 364+00	TO STA. 390+00	CONTRACT NO. 62093		
PLOT DATE = 4/12/2010	DATE = 1/18/10	REVISED -	REVISED -					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

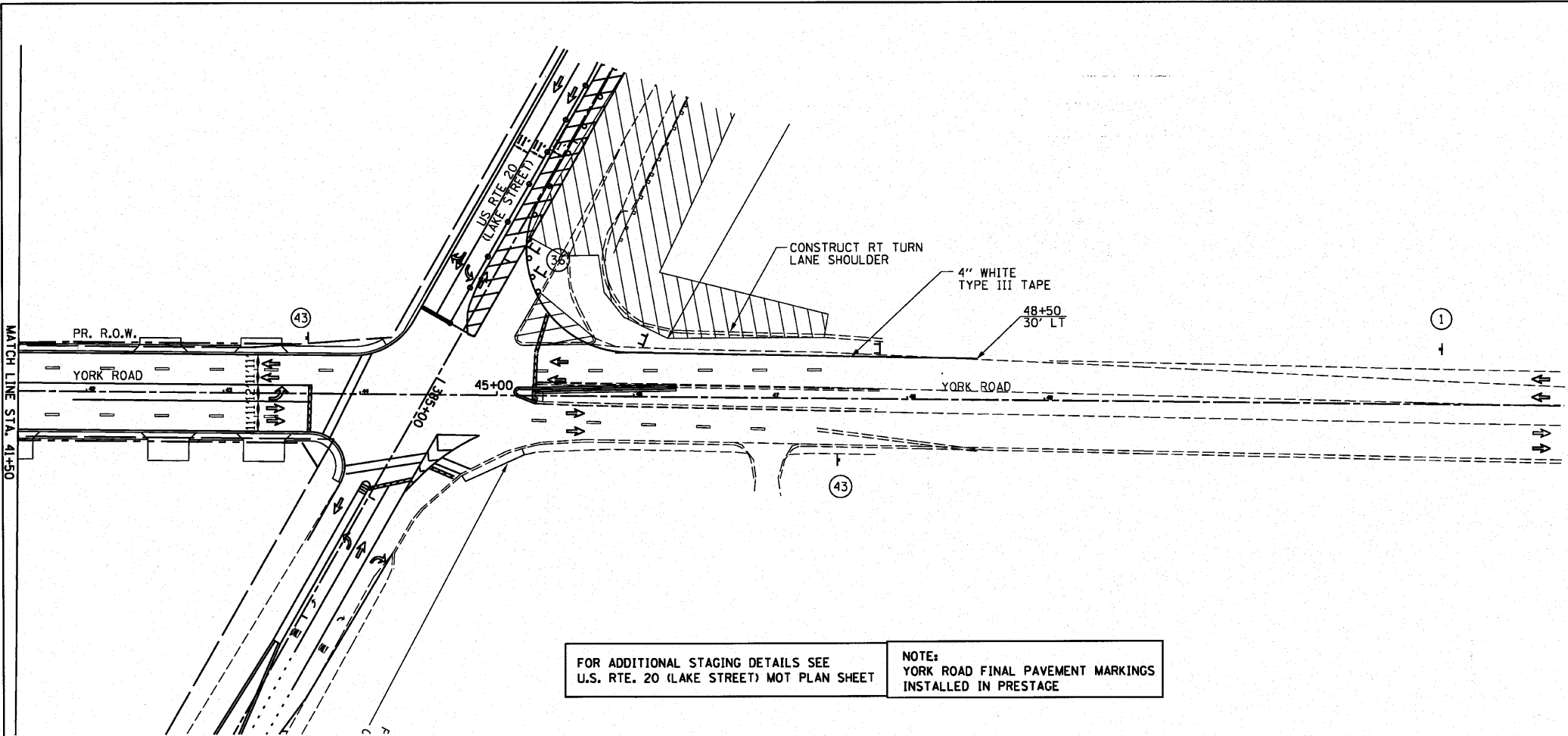


LEGEND

- TEMPORARY PAVEMENT 10" (SEE SPECIAL PROVISION)
- WORK AREA
- CONSTRUCTION SIGN
- TYPE II BARRICADE/ REFLECTORIZED DRUM
- TYPE III BARRICADE W/2 FLASHING BEACONS (NO. OF BARRICADES AS DIRECTED BY THE ENGINEER)
- DIRECTION OF TRAFFIC
- TEMPORARY PAVEMENT MARKING
- FLASHING ARROW BOARD
- CONSTRUCTION SIGN LABEL. REFER TO GENERAL NOTES FOR MAINTENANCE OF TRAFFIC
- TEMPORARY CONCRETE BARRIER



FILE NAME = 002_MDT.dgn	USER NAME = Matt Rempfer IDDT VB	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RAMPS "E", "F", "WB", "O" AND I-290 MAINTENANCE OF TRAFFIC STAGE II	F.A.U. RTE. 3537	SECTION (4Y&22-3)R-2	COUNTY DUPAGE	TOTAL SHEETS 284	SHEET NO. 82		
PLOT SCALE = 50.0000' / 1"	DRAWN - BLV	REVISED -	SCALE: 1"=50'			SHEET NO. 82 OF	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 62093
PLOT DATE = 4/12/2012	CHECKED - SRG	REVISED -										
	DATE - 1/18/10	REVISED -										

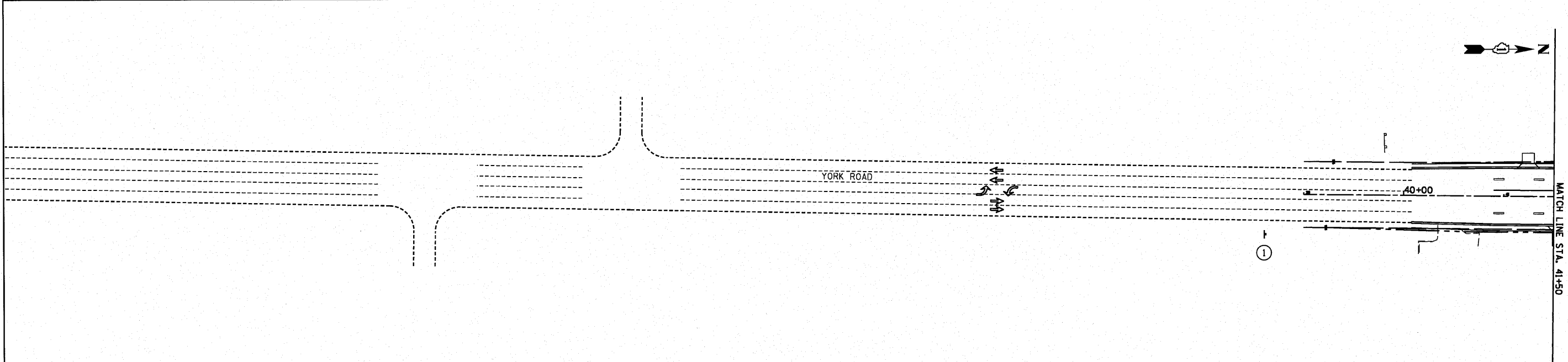


LEGEND	
	TEMPORARY PAVEMENT 10" (SEE SPECIAL PROVISION)
	WORK AREA
	CONSTRUCTION SIGN
	TYPE II BARRICADE/ REFLECTORIZED DRUM
	TYPE III BARRICADE W/2 FLASHING BEACONS (NO. OF BARRICADES AS DIRECTED BY THE ENGINEER)
	DIRECTION OF TRAFFIC
	TEMPORARY PAVEMENT MARKING
	FLASHING ARROW BOARD
	CONSTRUCTION SIGN LABEL. REFER TO GENERAL NOTES FOR MAINTENANCE OF TRAFFIC

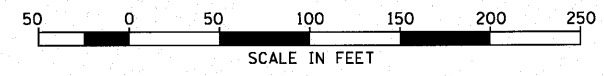
FOR ADDITIONAL STAGING DETAILS SEE U.S. RTE. 20 (LAKE STREET) MOT PLAN SHEET

NOTE: YORK ROAD FINAL PAVEMENT MARKINGS INSTALLED IN PRESTAGE

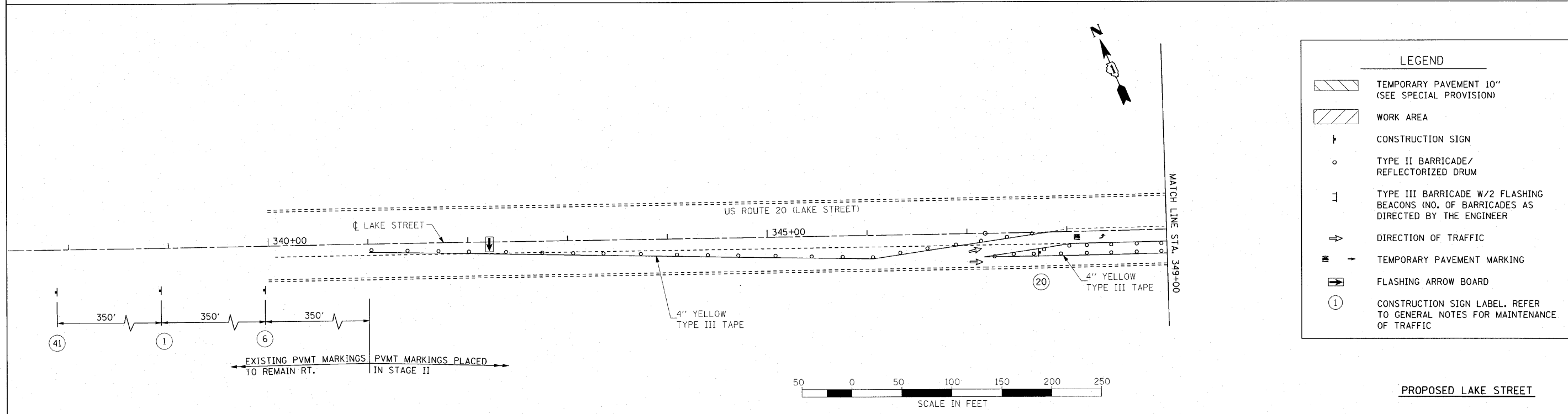
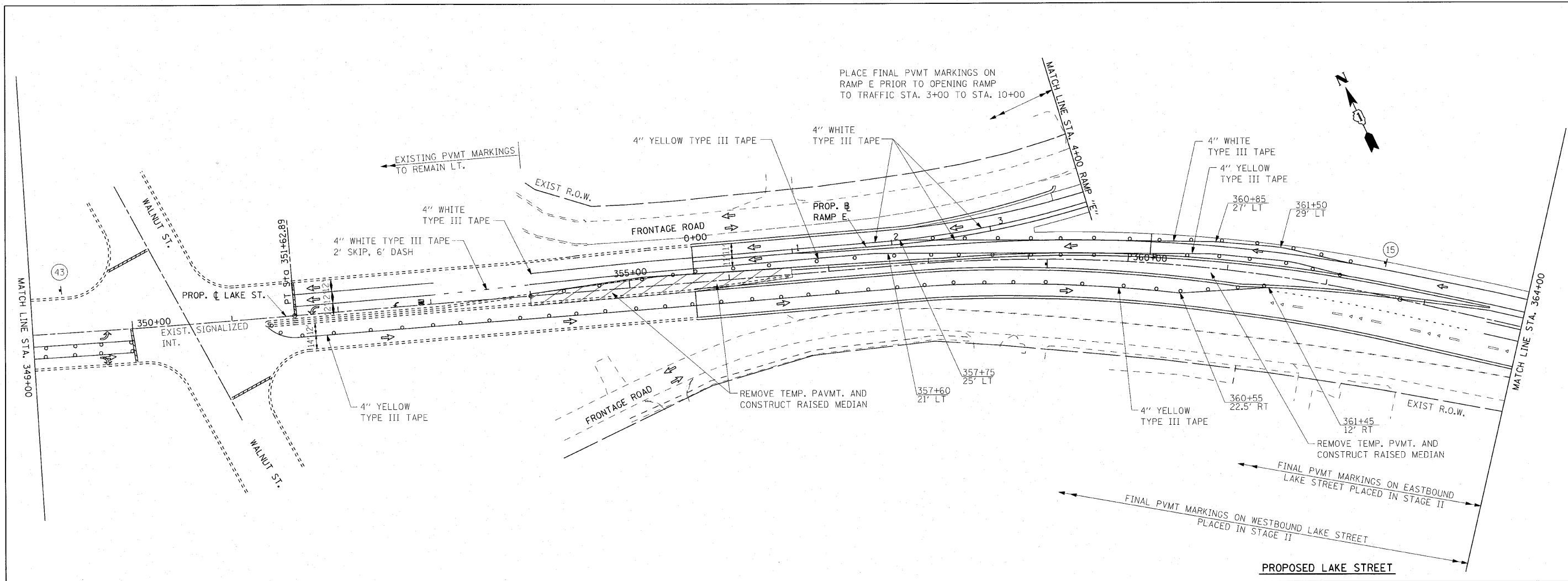
PROPOSED YORK ROAD



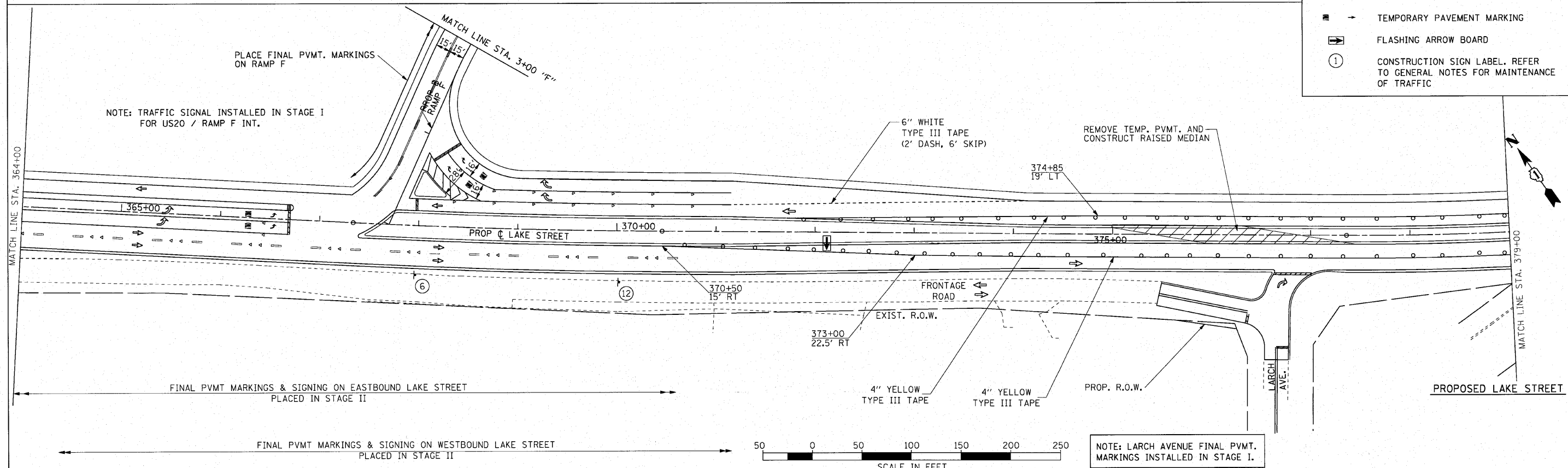
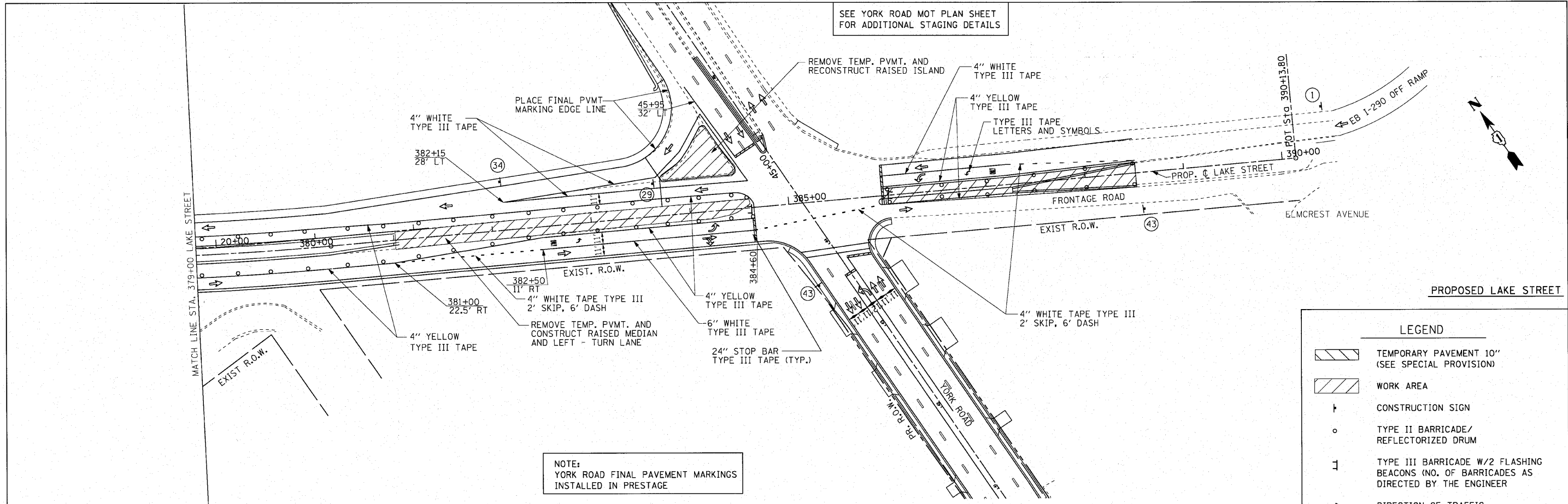
PROPOSED YORK ROAD



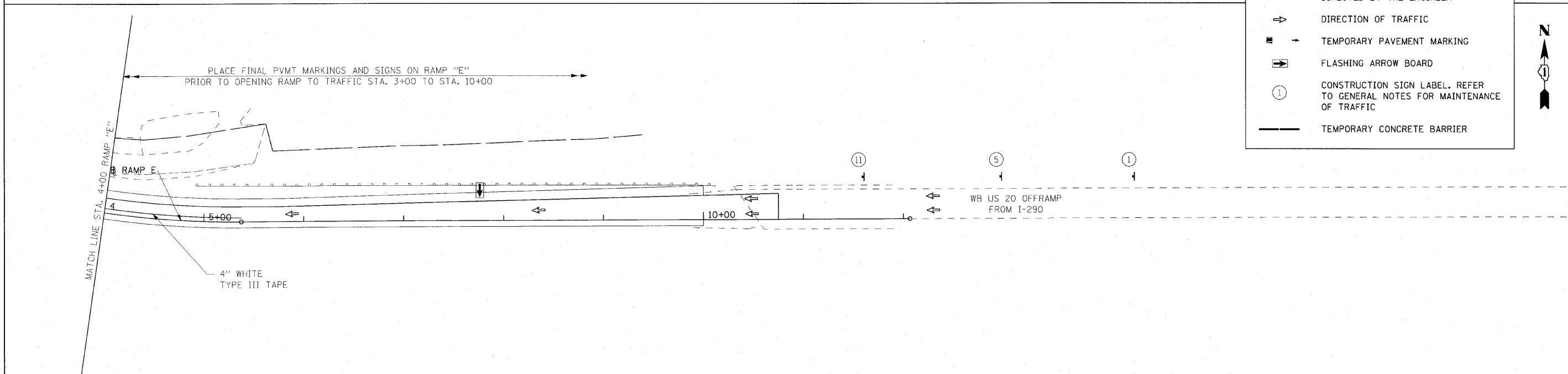
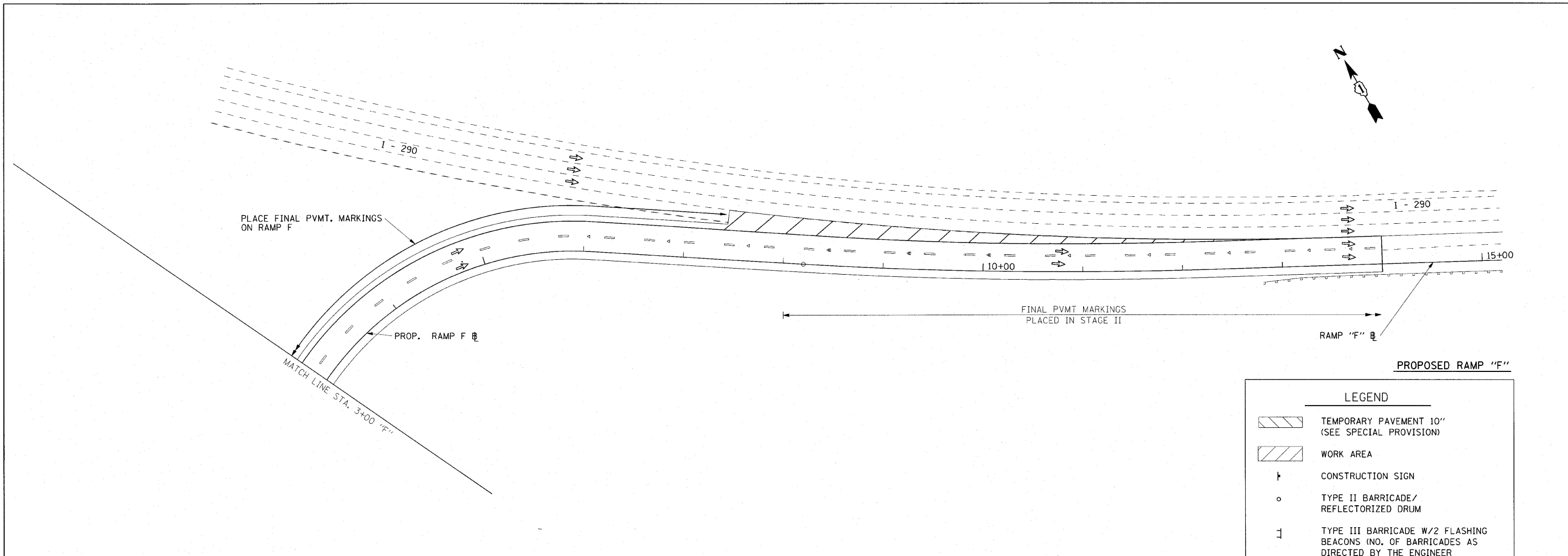
FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	YORK ROAD MAINTENANCE OF TRAFFIC STAGE II			F.A.U. RTE. 3537	SECTION 4Y&22-3/R-2	COUNTY DUPAGE	TOTAL SHEETS 284	SHEET NO. 83
	PLOT SCALE = #SCALE#	DRAWN - BLV	REVISED -		SCALE: 1"=50'	SHEET NO. 83 OF	SHEETS	STA.	TO STA.	CONTRACT NO. 62093		
	PLOT DATE = #DATE#	CHECKED - SRG	REVISED -							FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT		
		DATE - 1/18/10	REVISED -									



FILE NAME =	USER NAME = mmpfer	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	U.S. ROUTE 20 (LAKE STREET) MAINTENANCE OF TRAFFIC STAGE III			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
#FILEL*		DRAWN - BLV	REVISED -		SCALE: 1"=50'	SHEET NO. 84 OF	SHEETS	STA. 337+00	TO STA. 364+00	3537	(4Y&22-3R-2)	DUPAGE	284	84
		CHECKED - SRG	REVISED -									CONTRACT NO. 62093		
		DATE - 4/24/2003	REVISED -									FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	

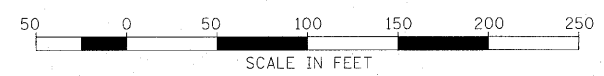


FILE NAME = 203.MOT.dgn	USER NAME = Matt Rempfer IDOT VB	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	U.S. ROUTE 20 (LAKE STREET) MAINTENANCE OF TRAFFIC STAGE III			F.A.U. RTE. 3537	SECTION (4Y&22-31R-2)	COUNTY DUPAGE	TOTAL SHEETS 284	SHEET NO. 85
PLOT SCALE = 50.0000' / 1" =		DRAWN - BLV	REVISED -		SCALE: 1"=50'	SHEET NO. 85 OF	SHEETS	STA. 364+00	TO STA. 390+00	CONTRACT NO. 62093		
PLOT DATE = 4/12/2010		CHECKED - SRG	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
		DATE - 4/24/2003	REVISED -									



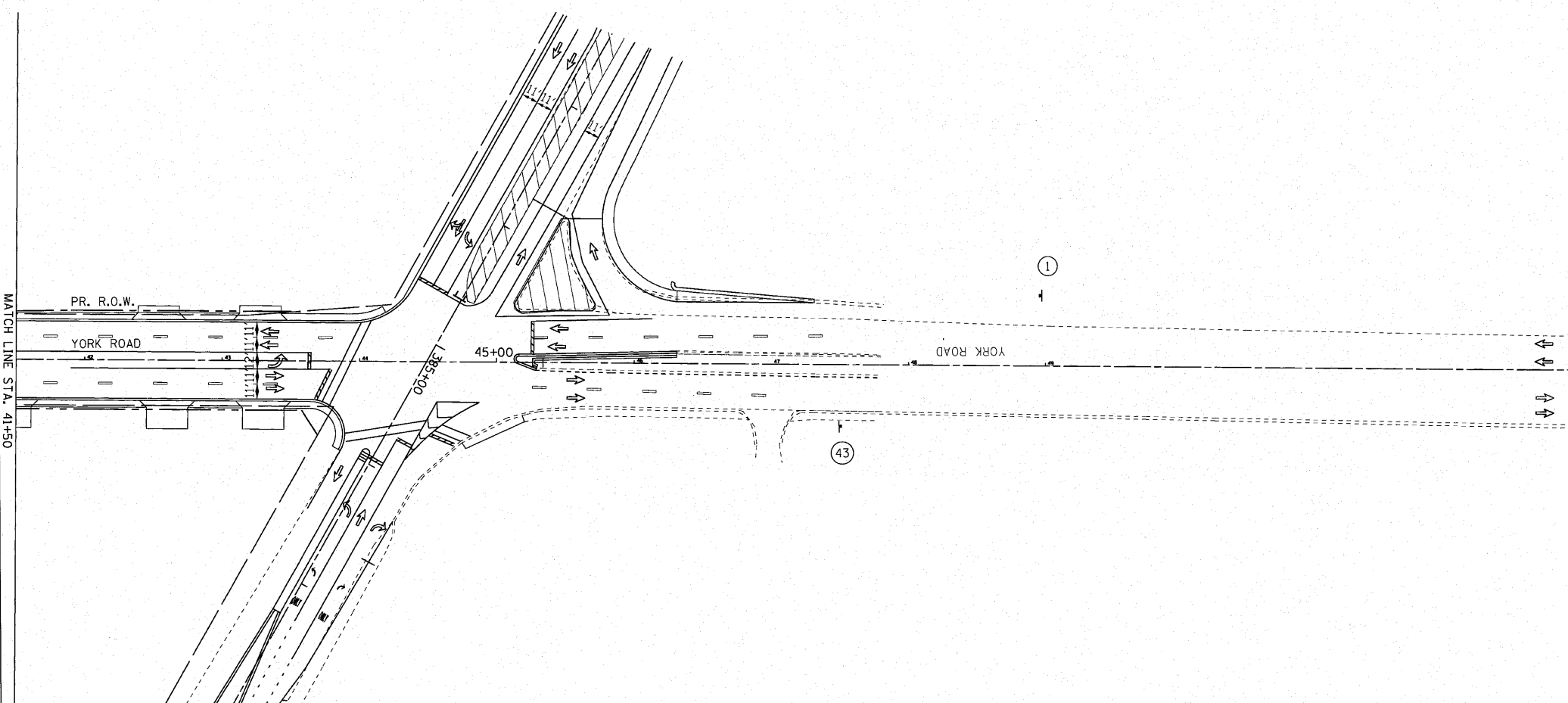
LEGEND

	TEMPORARY PAVEMENT 10" (SEE SPECIAL PROVISION)
	WORK AREA
	CONSTRUCTION SIGN
	TYPE II BARRICADE/ REFLECTORIZED DRUM
	TYPE III BARRICADE W/2 FLASHING BEACONS (NO. OF BARRICADES AS DIRECTED BY THE ENGINEER)
	DIRECTION OF TRAFFIC
	TEMPORARY PAVEMENT MARKING
	FLASHING ARROW BOARD
	CONSTRUCTION SIGN LABEL. REFER TO GENERAL NOTES FOR MAINTENANCE OF TRAFFIC
	TEMPORARY CONCRETE BARRIER



FILE NAME =	USER NAME = n-empfer	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RAMPS "E", "F", "WB", "O" AND I-290 MAINTENANCE OF TRAFFIC STAGE III	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILEL#	PLOT SCALE = 5/8" = 1' / IN.	DRAWN - BLV	REVISED -			3537	(4Y&22-3)R-2	DUPAGE	284	86	
	PLOT DATE = 5/27/2010	CHECKED - SRG	REVISED -			CONTRACT NO. 62093					
		DATE - 4/24/2003	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
				SCALE: 1"=50'		SHEET NO. 86 OF		SHEETS		STA. TO STA.	

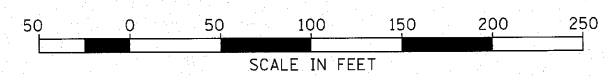
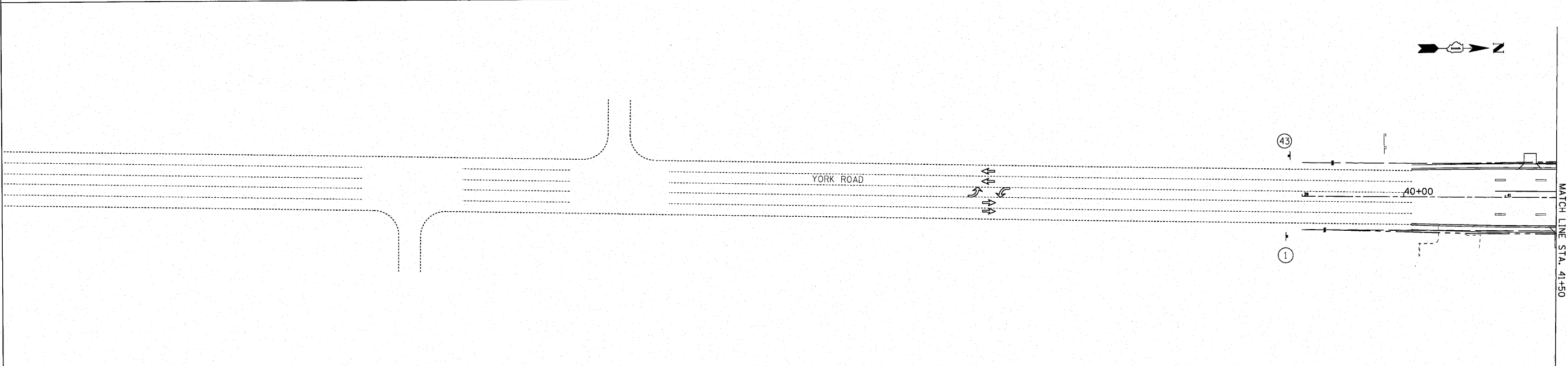
PROPOSED RAMP "E"



LEGEND

	TEMPORARY PAVEMENT 10" (SEE SPECIAL PROVISION)
	WORK AREA
	CONSTRUCTION SIGN
	TYPE II BARRICADE/ REFLECTORIZED DRUM
	TYPE III BARRICADE W/2 FLASHING BEACONS (NO. OF BARRICADES AS DIRECTED BY THE ENGINEER)
	DIRECTION OF TRAFFIC
	TEMPORARY PAVEMENT MARKING
	FLASHING ARROW BOARD
	CONSTRUCTION SIGN LABEL. REFER TO GENERAL NOTES FOR MAINTENANCE OF TRAFFIC

PROPOSED YORK ROAD

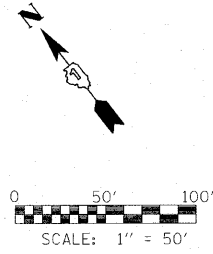


PROPOSED YORK ROAD

FILE NAME = 023.MDT.dgn	USER NAME = IDOT(eng)	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	YORK ROAD MAINTENANCE OF TRAFFIC STAGE III	F.A.U. RTE. 3537	SECTION (4Y&22-3/R-2)	COUNTY	TOTAL SHEETS 284	SHEET NO. 87
PLOT SCALE = 5/8" = 1' / in.	PLOT DATE = 1/13/2010	DRAWN - BLV	REVISOR -		SCALE: 1"=50'	SHEET NO. 87 OF	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
		CHECKED - SRG	REVISOR -							CONTRACT NO. 62093
		DATE - 4/24/2003	REVISOR -							

EROSION CONTROL NOTES

1. THE CONTRACTOR SHALL BE REQUIRED TO INSTALL AND MAINTAIN EROSION CONTROL MEASURES IMMEDIATELY AFTER STRIPPING OF EXISTING VEGETATION.
2. RUNOFF LEAVING THE JOBSITE MUST PASS THROUGH AN EROSION CONTROL SYSTEM FOLLOWING STANDARD 280001.
3. SILT FENCE SHALL BE USED AS A PERIMETER EROSION BARRIER TO FILTER RUNOFF LEAVING THE PROJECT LIMITS.
4. SILT FENCE SHALL BE PLACED AROUND THE PERIMETER OF THE EARTH STOCKPILES, WHICH WILL BE PAID FOR AS PERIMETER EROSION BARRIER.
5. PROPOSED DRAINAGE STRUCTURES RECEIVING RUNOFF SHALL BE PROTECTED WITH INLET FILTERS IMMEDIATELY AFTER CONSTRUCTION.
6. INLET FILTERS SHALL BE USED TO PROTECT EXISTING INLETS AFTER THE SOIL IS EXPOSED AROUND INLET.
7. DITCH CHECKS SHALL BE INSTALLED IMMEDIATELY AFTER GRADING IS COMPLETE.
8. EROSION CONTROL BLANKET SHALL BE USED WITH TEMPORARY EROSION CONTROL SEEDING FOR LINING DITCHES AND SLOPES 1V:3H.
9. PERMANENT LANDSCAPING ITEMS SHALL BE IMPLEMENTED IN CONJUNCTION WITH CONSTRUCTION STAGING.
10. EROSION CONTROL MEASURES SHALL BE INSPECTED WITHIN 24 HOURS OF ANY STORM EXCEEDING 1/2" OF PRECIPITATION.
11. EROSION CONTROL ITEMS ARE CONSIDERED TO BE HIGH PRIORITY ITEMS ON THIS CONTRACT. THE ENGINEER WILL IMPLEMENT ALL PROVISIONS OF THE SPECIFICATION NECESSARY TO ASSURE THAT EROSION CONTROL ITEMS ARE CONSTRUCTED AND MAINTAINED IN A TIMELY WAY. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES WHICH WILL POTENTIALLY CREATE ERODABLE CONDITIONS.
12. THE EROSION CONTROL MEASURES SHOWN ARE BUT A GRAPHICAL REPRESENTATION OF SUGGESTED MEASURES. DEVIATIONS FROM THIS PLAN ARE TO BE EXPECTED PENDING A JOBSITE INSPECTION BETWEEN THE CONTRACTOR AND THE DEPARTMENT.








LIMIT OF CONSTRUCTION
STA. 10+00.00 RAMP "E"
MATCH EXISTING

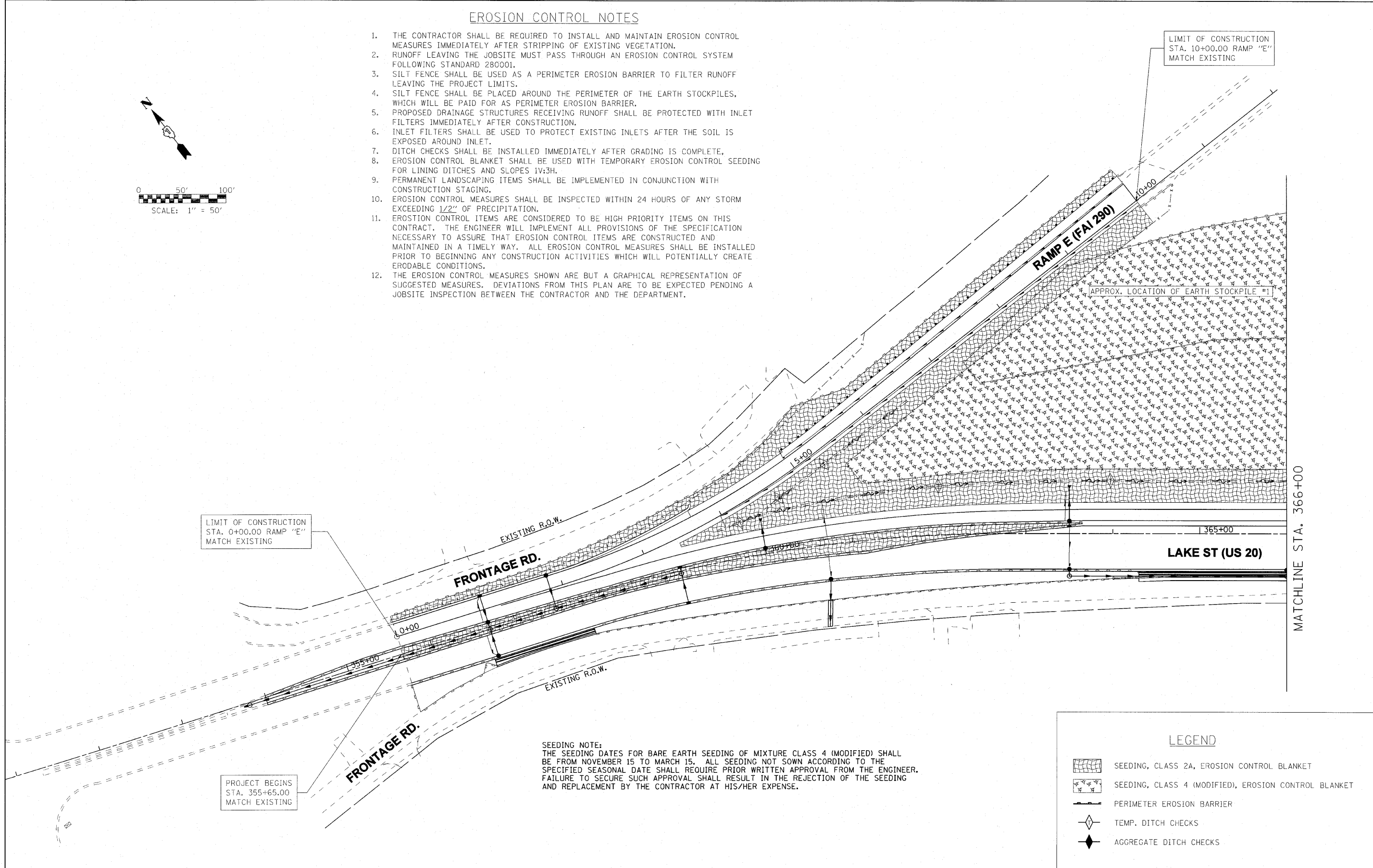
LIMIT OF CONSTRUCTION
STA. 0+00.00 RAMP "E"
MATCH EXISTING

PROJECT BEGINS
STA. 355+65.00
MATCH EXISTING

SEEDING NOTE:
THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASS 4 (MODIFIED) SHALL BE FROM NOVEMBER 15 TO MARCH 15. ALL SEEDING NOT SOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR WRITTEN APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AT HIS/HER EXPENSE.

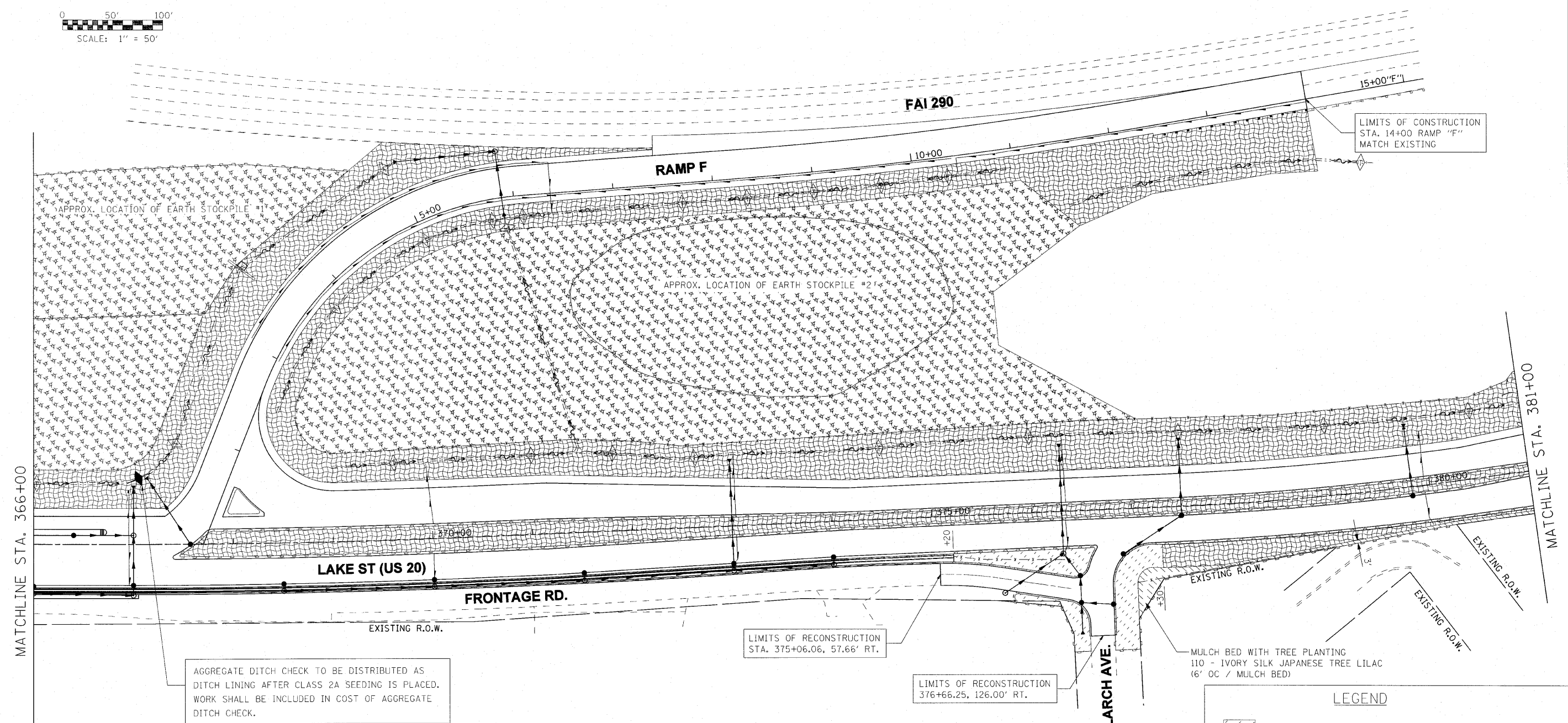
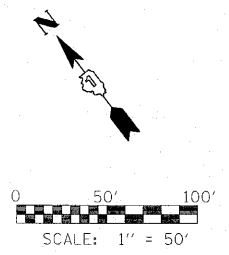
LEGEND

-  SEEDING, CLASS 2A, EROSION CONTROL BLANKET
-  SEEDING, CLASS 4 (MODIFIED), EROSION CONTROL BLANKET
-  PERIMETER EROSION BARRIER
-  TEMP. DITCH CHECKS
-  AGGREGATE DITCH CHECKS



FILE NAME =	USER NAME = nranpfer	DESIGNED - SGL	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAU ROUTE 3537 - US ROUTE 20 (LAKE STREET) EROSION AND SEDIMENT CONTROL PLANS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
\$FILEL\$		DRAWN - SGL	REVISED -			3537	(4Y & 22-3)R-2	DUPAGE	284	88	
		CHECKED - FML	REVISED -			CONTRACT NO. 62093					
		DATE - 01/09/10	REVISED -			ILLINOIS FED. AID PROJECT					
				SCALE: 1" = 50'		SHEET NO. 1 OF 4 SHEETS		STA. 355+65.00 TO STA. 366+00.00			

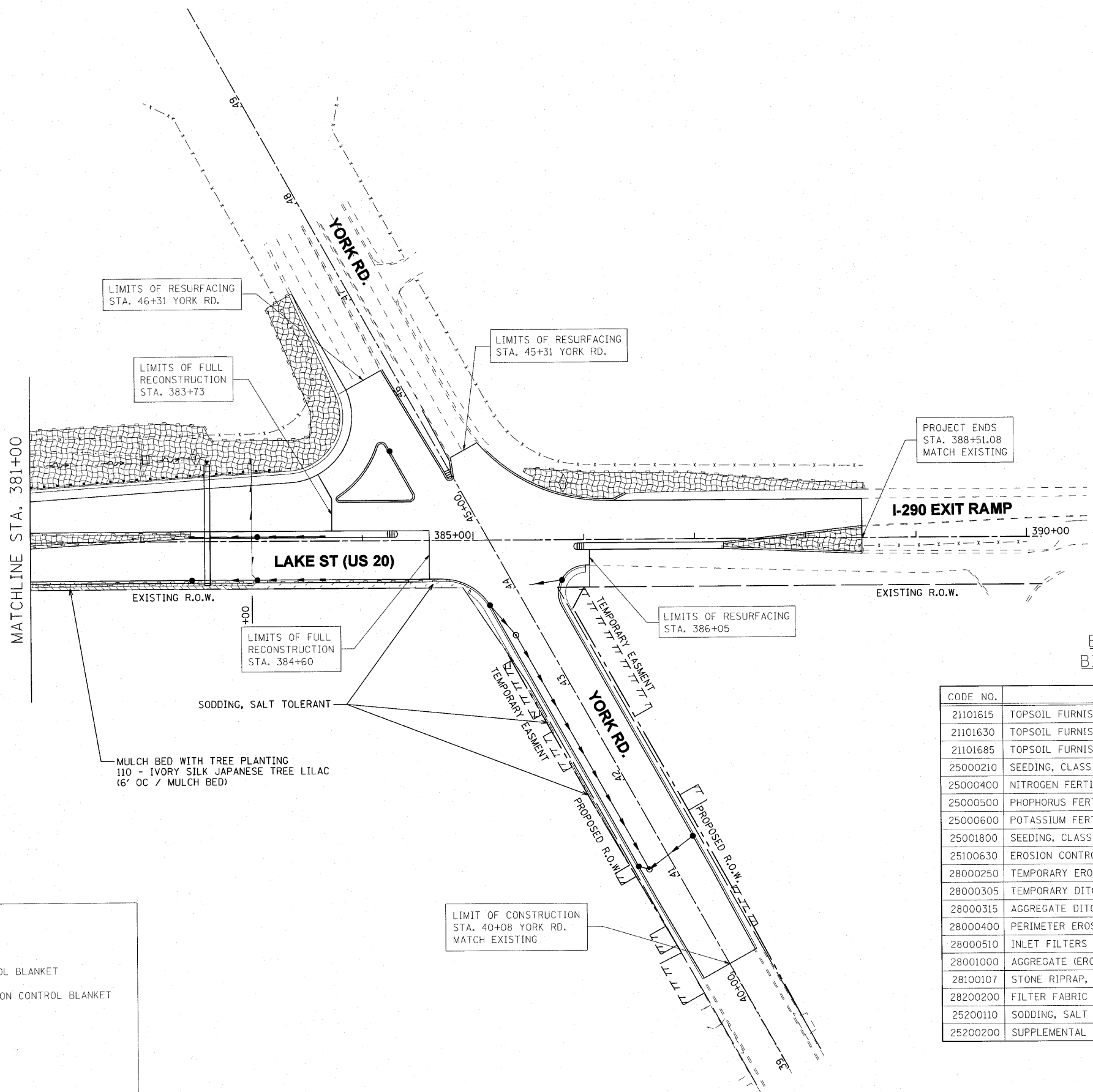
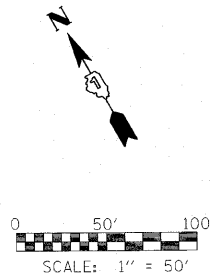
MATCHLINE STA. 366+00



LEGEND

	SODDING, SALT TOLERANT
	SEEDING, CLASS 2A, EROSION CONTROL BLANKET
	SEEDING, CLASS 4 (MODIFIED), EROSION CONTROL BLANKET
	PERIMETER EROSION BARRIER
	TEMP. DITCH CHECKS
	AGGREGATE DITCH CHECKS

FILE NAME =	USER NAME = mramper	DESIGNED - SGL	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAU ROUTE 3537 - US ROUTE 20 (LAKE STREET) EROSION AND SEDIMENT CONTROL PLANS	F.A.U. RTE. 3537	SECTION 44' & 22'-3R-2	COUNTY DUPAGE	TOTAL SHEETS 284	SHEET NO. 89
#FILEL#	PLOT SCALE = 50.0000' / IN.	DRAWN - SGL	REVISED -	SCALE: 1" = 50' SHEET NO. 2 OF 4 SHEETS STA. 366+00.00 TO STA. 381+00.00		CONTRACT NO. 62093		ILLINOIS FED. AID PROJECT		
	PLOT DATE = 6/18/2010	CHECKED - FML	REVISED -							
		DATE - 01/09/10	REVISED -							

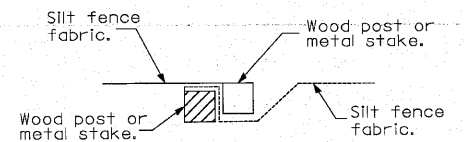


**EROSION CONTROL
BILL OF MATERIALS**

CODE NO.	PAY ITEM	UNIT	TOTAL
21101615	TOPSOIL FURNISH & PLACE, 4"	SQ. YD.	24626.5
21101630	TOPSOIL FURNISH & PLACE, 8"	SQ. YD.	36324.1
21101685	TOPSOIL FURNISH & PLACE, 24"	SQ. YD.	4287.9
25000210	SEEDING, CLASS 2A	ACRE	5.98
25000400	NITROGEN FERTILIZER NUTRIENT	LBS.	537.7
25000500	PHOSPHORUS FERTILIZER NUTRIENT	LBS.	537.7
25000600	POTASSIUM FERTILIZER NUTRIENT	LBS.	537.7
25001800	SEEDING, CLASS 4, (MODIFIED)	ACRE	7.51
25100630	EROSION CONTROL BLANKET	SQ. YD.	65238.4
28000250	TEMPORARY EROSION CONTROL SEEDING	LBS.	5391.7
28000305	TEMPORARY DITCH CHECKS	FOOT	635.5
28000315	AGGREGATE DITCH CHECKS	TON	22.1
28000400	PERIMETER EROSION BARRIER	FOOT	13713.5
28000510	INLET FILTERS	EACH	25
28001000	AGGREGATE (EROSION CONTROL)	TON	30
28100107	STONE RIPRAP, CLASS A4	SQ. YD.	11
28200200	FILTER FABRIC	SQ. YD.	11
25200110	SODDING, SALT TOLERANT	SQ. YD.	1590
25200200	SUPPLEMENTAL WATERING	UNITS	25

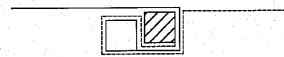
LEGEND

- SODDING, SALT TOLERANT
- SEEDING, CLASS 2A, EROSION CONTROL BLANKET
- SEEDING, CLASS 4 (MODIFIED), EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER
- TEMP. DITCH CHECKS
- AGGREGATE DITCH CHECKS



Place end-post (stake) of first silt fence adjacent to end-post (stake) of second silt fence with fabric positioned as shown.

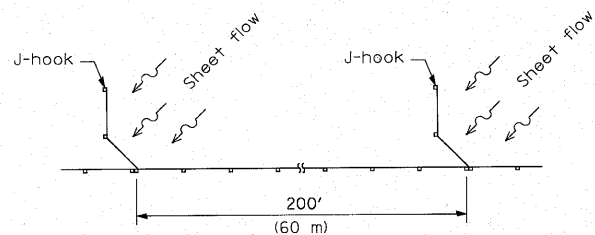
STEP 1



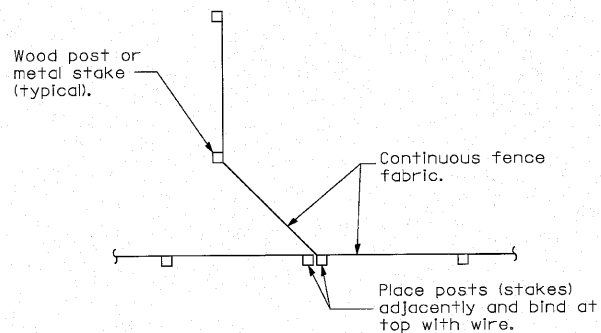
Rotate posts (stakes) together, 180° clockwise and drive both posts (stakes) 18 (450) into ground.

STEP 2

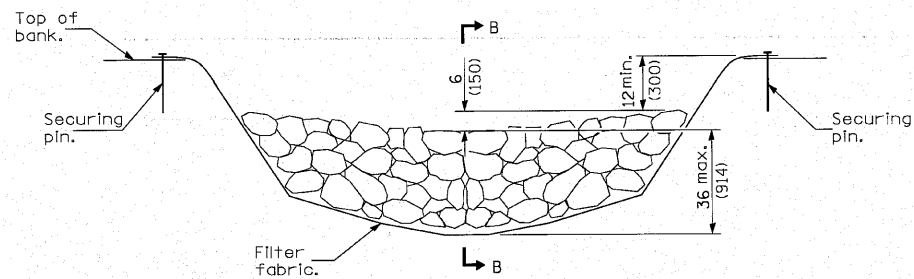
ATTACHING TWO SILT FILTER FENCES
(Not applicable for J-hooks)



SILT FILTER J-HOOK PLACEMENT

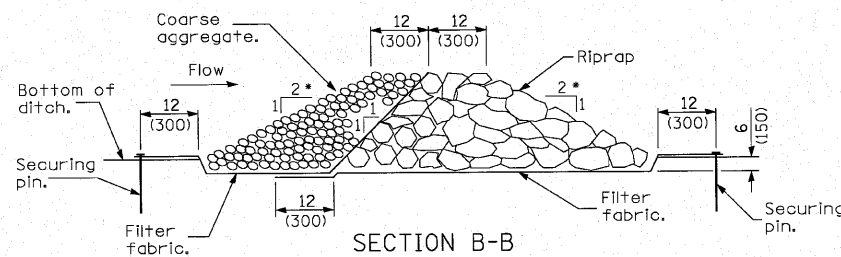


J-HOOK



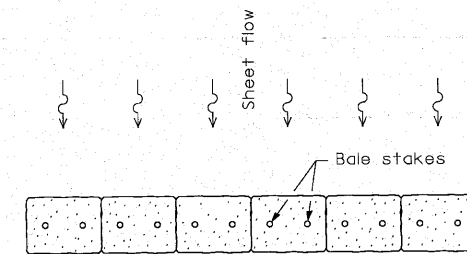
ELEVATION

When the ditch check is within the clear zone and the road is open to traffic, the traffic approach slope of the aggregate shall be 1:4 (V:H).

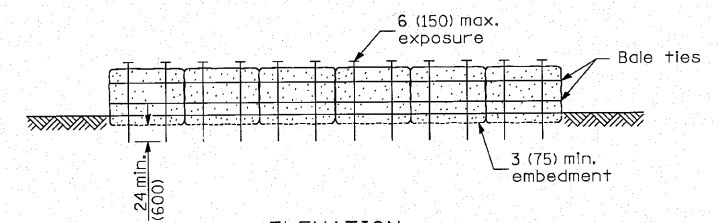


SECTION B-B

AGGREGATE DITCH CHECK

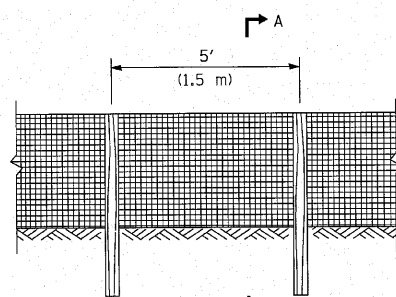


PLAN



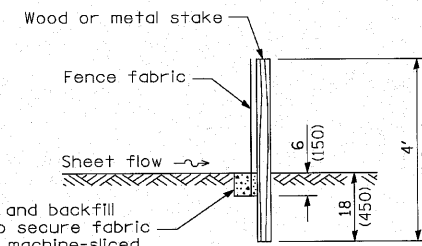
ELEVATION

HAY OR STRAW BALES AS A PERIMETER EROSION BARRIER



ELEVATION

SILT FILTER FENCE AS A PERIMETER EROSION BARRIER



SECTION A-A

Excavate and backfill trench to secure fabric when not machine-sliced.

GENERAL NOTES

The installation details and dimensions shown for perimeter erosion barriers shall also apply for inlet and pipe protection.

All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAU ROUTE 3537 - US ROUTE 20 (LAKE STREET) EROSION AND SEDIMENT CONTROL PLANS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN -	REVISED -			3537	(4Y & 22-3)R-2	DUPAGE	284	91	
	PLOT SCALE = #SCALE#	CHECKED -	REVISED -			CONTRACT NO. 62093					
	PLOT DATE = #DATE#	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
						SCALE: NONE	SHEET NO. 4 OF 4 SHEETS	STA. --- TO STA. ---			

STRUCTURE NUMBER	STATION	OFFSET (Feet)	Lt/Rt	TYPE	DIAMETER	LID/FRAME & GRATETYPE	RIM ELEV.	INVERT ELEVATION				NOTES
								N	S	E	W	
Lake Street												
1	353 + 80	3'	Rt	Restricted Depth Manhole Type A w/ Restrictor Plate	6'	Type 1, Closed Lid	695.8			691.26	691.24	Connect to side of 6'x2' Box at Elev. 691.22 @ 3' Rt.; See MH Restrictor Plate Detail.
2	356 + 70	3'	Rt	Restricted Depth Manhole Type A	6'	Type 1, Closed Lid	696.43	692.35	692.35	692.25	692.25	
3	357 + 50	3'	Rt	Restricted Depth Manhole Type A	6'	Type 1, Closed Lid	696.86	692.63		692.55	692.55	
4	359 + 00	3'	Rt	Restricted Depth Manhole Type A	6'	Type 1, Closed Lid	697.86	693.35	693.35		693.25	
5	359 + 00	4'	Lt	Inlet Type A	2'	Type 24	697.22		693.41			
6	356 + 70	36'	Lt	Inlet Type A	2'	Type 24	695.61		692.70			
7	356 + 70	5'	Lt	Catch Basin Type C	2'	Type 24	696.11	692.45	692.41			
8	357 + 50	37'	Lt	Catch Basin Type C	2'	Type 24	696.16		692.75			
9	356 + 70	35'	Rt	Catch Basin Type C	2'	Type 24	695.52	692.50				
10	359 + 00	38'	Rt	Inlet Type A	2'	Type 24	696.41	693.50				
11	360 + 00	37.5'	Lt	Precast Reinforced Concrete Flared End Section	1'	N/A			694.55			
12	360 + 00	6.5'	Lt	Catch Basin Type C	2'	Type 24	697.75	694.69				
13	360 + 70	40'	Rt	Restricted Depth Catch Basin Type A	4'	Type 24	697.32		694.30			
14	363 + 50	52'	Lt	Precast Reinforced Concrete Flared End Section	1'	N/A			692.54			
15	363 + 50	14.5'	Lt	Restricted Depth Catch Basin Type A	4'	Type 24	697.98	693.16	693.42			
16	363 + 50	8.5'	Lt	Inlet Type A	2'	Type 24	697.62	693.57				
17	367 + 00	55'	Lt	Precast Reinforced Concrete Flared End Section	1.5'	N/A			690.34			
18	367 + 00	9'	Lt	Manhole Type A	4'	Type 1, Closed Lid	696.02	690.64	690.89		691.14	
19	367 + 00	41'	Rt	Restricted Depth Catch Basin Type A	4'	Type 24	695.56	691.33	691.43			
20	367 + 00	48'	Rt	Restricted Depth Manhole Type A	4'	Type 1, Closed Lid	695.20	691.50			691.75	
21	366 + 00	49'	Rt	Restricted Depth Manhole Type A	4'	Type 1, Closed Lid	696.00	692.65		692.15	692.40	
22	363 + 50	49'	Rt	Restricted Depth Manhole Type A	4'	Type 8	697.10	693.55		693.30		
23	366 + 40	9'	Lt	Restricted Depth Catch Basin Type A	4'	Type 24	695.88			691.54		
24	366 + 00	42'	Rt	Catch Basin Type C	2'	Type 24	696.12		692.75			
25	363 + 50	41'	Rt	Restricted Depth Catch Basin Type A	4'	Type 24	697.52		693.75			
26	367 + 15	64'	Lt	Precast Reinforced Concrete Flared End Section	1'	N/A			690.34			
27	367 + 57	0'	Lt	Restricted Depth Catch Basin Type A	4'	Type 3	695.70	691.24				
28	373 + 00	63.5'	Lt	Precast Reinforced Concrete Flared End Section	2'	N/A			687.00			
29	373 + 00	37.5'	Rt	Restricted Depth Catch Basin Type A	4'	Type 3	692.40	687.56	687.66			
30	373 + 00	44.5'	Rt	Restricted Depth Manhole Type A	5'	Type 1, Open Lid	693.40	687.68		688.68	688.43	
31	371 + 50	48'	Rt	Restricted Depth Manhole Type A	4'	Type 8	693.35	689.10		688.85	689.10	
32	370 + 00	48'	Rt	Restricted Depth Manhole Type A	4'	Type 8	693.50	690.00		689.66	689.75	
33	368 + 50	48'	Rt	Restricted Depth Manhole Type A	4'	Type 8	694.20	690.85		690.31		
34	374 + 00	43'	Rt	Restricted Depth Manhole Type A	4'	Type 1, Open Lid	693.50	689.15			689.05	
35	374 + 00	35.5'	Rt	Restricted Depth Catch Basin Type A	4'	Type 24	692.70		689.22			
36	371 + 50	40.5'	Rt	Restricted Depth Catch Basin Type A	4'	Type 24	693.04		689.20			
37	370 + 00	41'	Rt	Restricted Depth Catch Basin Type A	4'	Type 24	693.88		690.11			
38	368 + 50	41'	Rt	Restricted Depth Catch Basin Type A	4'	Type 24	694.72		690.95			

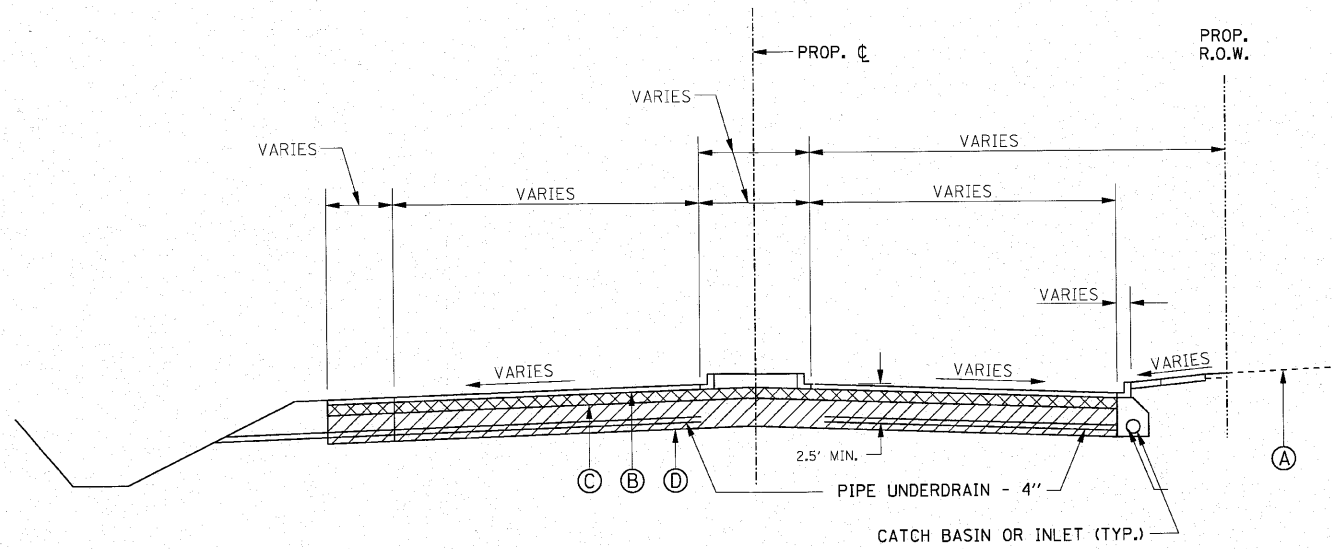
FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE STRUCTURE TABLE 1	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
*FILEL#	PLOT SCALE = *SCALE*	DRAWN - PRH	REVISED -			3537	14Y & 22-3R-2	DUPAGE	284	92	
	PLOT DATE = *DATE*	CHECKED - SRG	REVISED -			CONTRACT NO. 62093					
		DATE - 1/18/10	REVISED -			SCALE: N.T.S.	SHEET NO. 92 OF	SHEETS	STA. N/A	TO STA. N/A	FED. ROAD DIST. NO.

STRUCTURE NUMBER	STATION	OFFSET (Feet)	Lt/Rt	TYPE	DIAMETER	LID/FRAME & GRATE TYPE	INVERT ELEVATION				NOTES	
							RIM ELEV.	N	S	E		W
US RTE 20 (Lake Street)												
39	376 + 30	64'	Lt	Precast Reinforced Concrete Flared End Section	2'	N/A				685.20		
40	376 + 30	42'	Rt	Restricted Depth Manhole Type A	5'	Type 8	692.70	687.90	688.00		688.90	
41	375 + 70	79'	Rt	Restricted Depth Manhole Type A	4'	Type 8	693.25			690.05	690.15	Connect existing 12" RCP to new manhole
41A	376 + 46	65'	Rt	Restricted Depth Catch Basin Type A	4'	Type 3	639.11	688.74	688.74			
41B	376 + 46	92'	Rt	Restricted Depth Catch Basin Type A	4'	Type 3	693.13	689.60	689.6	690.75		
42	376 + 46	120'	Rt	Precast Reinforced Concrete Flared End Section	2'	N/A		690.50				
43	376 + 78	95'	Rt	Restricted Depth Catch Basin Type A	4'	Type 3	693.25				691.43	
44	382 + 60	69.5'	Lt	Reinforced Concrete Flared End Section for 5' x 2' Box Culvert at Right Angles with Roadway	5' x 2'	N/A				680.36		
45	382 + 46	4'	Lt	Inlet Type A	2'	Type 24	686.23			681.64		Connect to side of 5'x2' Box Culvert at Invert Elevation 681.54 @ 4' Lt.
46	382 + 46	35'	Rt	Restricted Depth Catch Basin Type A	4'	Type 24	685.95			682.00		Connect to side of 5'x2' Box Culvert at Invert Elevation 681.90 @ 35' Rt.
47	382 + 60	40.5'	Rt	Special Manhole	Box	See Note	687.40	681.42	681.50		681.50	Existing Structure - Connect 5'x2' Box Culvert to Existing Cast-in-Place Manhole Structure
48	379+82	55'	Lt	Precast Reinforced Concrete Flared End Section	1'	N/A				684.40		
49	377+50	54'	Lt	Precast Reinforced Concrete Flared End Section	1'	N/A				687.60		
50	383 + 05	35'	Rt	Restricted Depth Catch Basin Type A	4'	Type 3	685.83			682.40	682.30	Connect to side of 5'x2' Box Culvert at Invert Elevation 681.90 @ 35' Rt.
51	383 + 64	35'	Rt	Inlet Type A	2'	Type 24	685.96				682.68	
52	383 + 05	4'	Lt	Catch Basin Type C	2'	Type 3	686.11			682.68	682.58	Connect to side of 5'x2' Box Culvert at Invert Elevation 681.54 @ 4' Lt.
53	383 + 64	4'	Lt	Inlet Type A	2'	Type 24	686.24				682.96	
54	379+82	9'	Rt	Restricted Depth Catch Basin Type A	4'	Type 24	689.27	685.04				
55	377 + 50	9'	Rt	Restricted Depth Catch Basin Type A	4'	Type 24	692.24	688.20			688.30	
56	376 + 90	45'	Rt	Restricted Depth Catch Basin Type A	4'	Type 3	692.76			689.00		
57	382 + 00	73'	Lt	Concrete Ditch Check Dam	N/A	N/A						
Ramp 'F'												
101	5 + 88	47'	Lt	Restricted Depth Manhole Type A	5'	Type 8	691.00	687.14	687.39		687.39	
102	5 + 06	64'	Lt	Precast Reinforced Concrete Flared End Section	2'	N/A					687.74	
103	5 + 88	15'	Rt	Precast Reinforced Concrete Flared End Section	2'	N/A		687.65				
104	3 + 50	79'	Lt	Concrete Ditch Check Dam	N/A	N/A						
York Road												
201	41 + 18	21'	Lt	Restricted Depth Manhole Type A w/ Restrictor Plate	6'	Type 1, Closed Lid	686.79	682.60	682.50	683.00	683.00	Existing 18" pipe to south to remain. N, E, & W pipes all new.
202	43 + 62	21'	Lt	Restricted Depth Manhole Type A	6'	Type 1, Closed Lid	686.95		683.22	683.30	683.72	Connect existing 12" RCP from east to new manhole
203	41 + 25	28'	Rt	Catch Basin Type C	2'	Type 11	686.61				683.18	
204	41 + 25	28'	Lt	Catch Basin Type C	2'	Type 4	686.61			683.02		
205	43 + 85	40'	Rt	Catch Basin Type C	2'	Type 11	686.39			684.20		Field verify rim elevation. Connect to existing manhole @ 684.10
206	43 + 97	28'	Lt	Catch Basin Type C	2'	Type 11	686.66			683.85		
207	45 + 64	39'	Lt	Existin Inlet	N/A	Type 24						Inlet to be Adjusted with new Frame and Grate

SUMMARY OF DRAINAGE STRUCTURE QUANTITIES		
ITEM DESCRIPTION	UNIT	QUANTITY
PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	5
PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1
PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	5
CATCH BASINS, TYPE C, TYPE 3 FRAME AND GRATE	EACH	1
CATCH BASINS, TYPE C, TYPE 4 FRAME AND GRATE	EACH	1
CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	EACH	3
CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	EACH	5
RESTRICTED DEPTH CATCH BASINS, 4'- DIAMETER, TYPE 3 FRAME AND GRATE	EACH	7
RESTRICTED DEPTH CATCH BASINS, 4'- DIAMETER, TYPE 24 FRAME AND GRATE	EACH	12
RESTRICTED DEPTH MANHOLES, 4'- DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1
RESTRICTED DEPTH MANHOLES, 4'- DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2
RESTRICTED DEPTH MANHOLES, 4'- DIAMETER, TYPE 8 GRATE	EACH	5
RESTRICTED DEPTH MANHOLES, 5'- DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1
RESTRICTED DEPTH MANHOLES, 5'- DIAMETER, TYPE 8 GRATE	EACH	2
RESTRICTED DEPTH MANHOLES, 6'- DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4
INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	7
MANHOLE, TYPE A, 6'- DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	2
MANHOLE, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1

PIPE NUMBER	DIAMETER (inches)	CLASS	TYPE	MATERIAL	LENGTH (LF)	PIPE SLOPE (%)	TRENCH BACKFILL (CY)	NOTES
US RTE 20 (Lake Street)								
1A	23" x 14"	IV	1	Elliptical RCP	4'	0.50	1	Connect to new 6'x2' Box Culvert
1B	23" x 14"	IV	1	Elliptical RCP	283'	0.35	61	
2	23" x 14"	IV	1	Elliptical RCP	75'	0.40	15	
3	23" x 14"	IV	1	Elliptical RCP	144'	0.48	33	
4	12"	IV	1	RCP	28'	1.00	2	
5	12"	IV	1	RCP	3'	2.00	1	
6	12"	IV	1	RCP	27'	0.56	2	
7	12"	IV	1	RCP	35'	0.34	5	
8	12"	IV	1	RCP	3'	2.00	1	
9	12"	IV	1	RCP	30'	0.50	3	
10	12"	IV	1	RCP	30'	0.47	3	
11	12"	IV	1	RCP	51'	0.57	9	Connect To Existing MH @ 694.01 WATER MAIN QUALITY PIPE
12	12"	III	2	RCP	33'	1.88	8	
13	12"	IV	1	RCP	3'	5.00	1	
14	18"	IV	1	RCP	44'	0.68	18	
15	18"	IV	1	RCP	46'	0.96	10	
16	18"	IV	1	RCP	3'	2.33	1	
17	18"	IV	1	RCP	96'	0.42	23	
18	15"	IV	1	RCP	246'	0.37	77	
19	12"	IV	1	RCP	60'	1.00	14	
20	12"	IV	1	RCP	4'	2.50	1	
21	12"	IV	1	RCP	4'	5.00	1	
22	12"	III	2	RCP	82'	1.10	18	
23	24"	IV	1	RCP	99'	0.57	43	
24	24"	IV	1	RCP	3'	0.67	2	
25	15"	III	2	RCP	146'	0.29	63	
26	12"	IV	1	RCP	146'	0.38	50	
27	12"	IV	1	RCP	146'	0.38	47	
28	12"	III	2	RCP	96'	0.39	38	
29	12"	IV	1	RCP	4'	1.75	1	
30	12"	IV	1	RCP	4'	2.50	1	
31	12"	IV	1	RCP	3'	3.67	1	
32	12"	IV	1	RCP	3'	3.33	1	
33	24"	IV	1	RCP	103'	2.40	53	
34	24"	IV	1	RCP	20'	3.20	5	
35	24"	IV	1	RCP	23'	3.20	7	
36	24"	IV	1	RCP	26'	3.20	13	
36A	12"	IV	1	RCP	34'	2.00	5	
37	12"	IV	1	RCP	66'	1.74	10	Field Verify Manhole Invert on Existing SS.
38	5' x 2' BC	See Note	1	RCBC	109'	0.98	68	Material to meet ASTM C-850/AASHTO M 273
39	12"	IV	1	RCP	10'	1.00	4	Connect to side of 5'x2' Box Culvert at Invert Elevation 681.90 @ 35' Rt. WATER MAIN QUALITY PIPE
42	12"	IV	1	RCP	10'	1.00	2	Connect to side of 5'x2' Box Culvert at Invert Elevation 681.54 @ 4' Lt.
43	12"	IV	1	RCP	41'	0.98	6	Connect to side of 5'x2' Box Culvert at Invert Elevation 681.90 @ 35' Rt. WATER MAIN QUALITY PIPE
44	12"	IV	1	RCP	55'	0.51	6	Connect to side of 5'x2' Box Culvert at Invert Elevation 681.90 @ 35' Rt. WATER MAIN QUALITY PIPE
45	12"	IV	1	RCP	41'	2.54	7	Connect to side of 5'x2' Box Culvert at Invert Elevation 681.54 @ 4' Lt.
46	12"	IV	1	RCP	56'	0.50	6	
47	12"	IV	1	RCP	28'	0.54	10	
48	12"	IV	1	RCP	61'	1.00	10	
49	12"	IV	1	RCP	70'	1.00	11	
Ramp 'F'								
101	24"	IV	1	RCP	98'	0.36	30	
102	24"	IV	1	RCP	61'	0.43	14	
York Road								
201	18"	IV	1	RCP	239'	0.26	45	
202	12"	IV	1	RCP	45'	0.40	7	
203	12"	IV	1	RCP	5'	0.40	1	
204	12"	IV	1	RCP	26'	0.40	4	Connect to Existing MH @ 684.10 WATER MAIN QUALITY PIPE
205	12"	IV	1	RCP	32'	0.40	5	

SUMMARY OF PIPE QUANTITIES		
ITEM DESCRIPTION	UNIT	QUANTITY
PRECAST CONCRETE BOX CULVERT 5' x 2'	FOOT	109
STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 12"	FOOT	987
STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 15"	FOOT	246
STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 18"	FOOT	431
STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 24"	FOOT	433
STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 12"	FOOT	211
STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 15"	FOOT	146
STORM SEWERS, TYPE 1, REINFORCED CONCRETE ELLIPTICAL PIPE, SPAN 23, RISE 14	FOOT	506
STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	FOOT	177



PROPOSED TYPICAL SECTION
WITH PIPE UNDERDRAIN, 4" AND POROUS
GRANULAR EMBANKMENT, SUBGRADE 12"

PROPOSED LEGEND

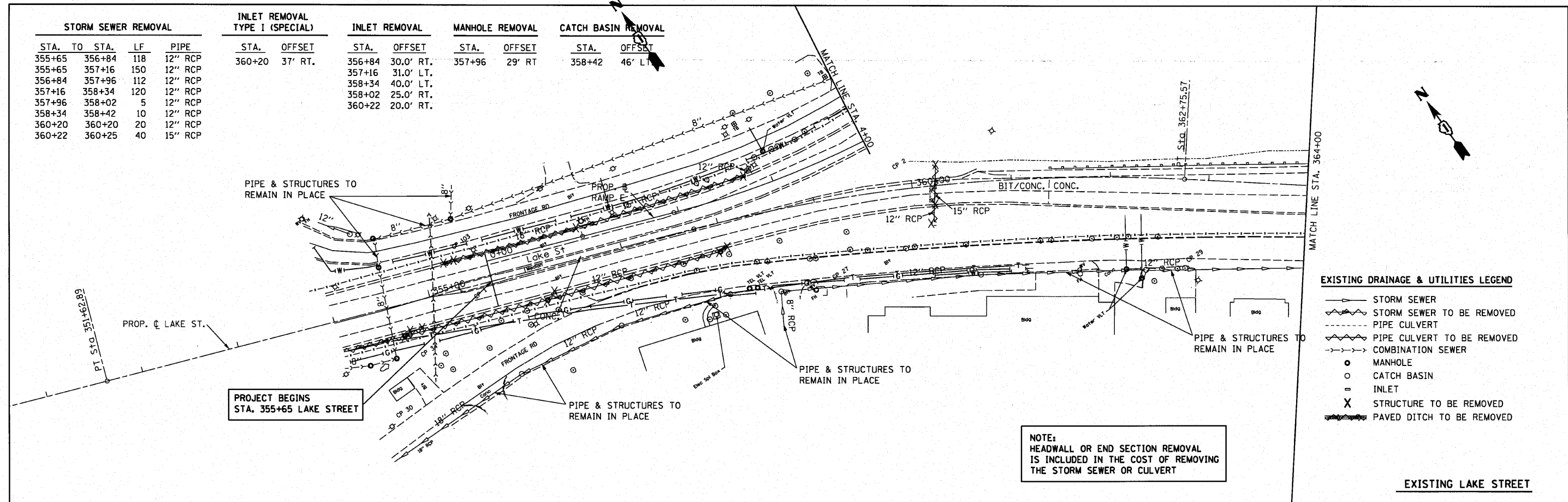
- Ⓐ EXISTING GROUND LINE
- Ⓑ PROPOSED P.C.C. PAVEMENT 10.25: (JOINTED)
- Ⓒ PROPOSED AGGREGATE SUBGRADE, 12"
- Ⓓ PROPOSED POROUS GRANULAR EMBANKMENT, SUBGRADE, 12" (LOCATIONS VARY)

NOTES:

- ① THE UNDERDRAIN SHALL BE PLACED OUTSIDE OF STORM SEWER TRENCHES.
- ② UNDERDRAINS SHALL BE CONSTRUCTED ON A SLOPE PARALLEL TO THE PAVEMENT SLOPE.
- ③ UNDERDRAIN SHALL BE PLACED AT A MINIMUM DEPTH OF 30", WITHIN THE LIMITS OF THE AGGREGATE SUBGRADE, 12" AND ANY UNDERCUT AREAS REPLACED WITH POROUS GRANULAR EMBANKMENT, SUBGRADE 12".
- ④ COST OF CONNECTING UNDERDRAIN TO STRUCTURES SHALL BE INCLUDED IN THE COST OF PIPE UNDERDRAIN, 4".

Station	Outlet	4" Pipe Underdrain	4" Pipe Underdrain (Special)	Concrete Headwalls For Pipe Drains	Trench Backfill
		(ft)	(ft)	Each	(cyd)
Lake St					
356+70 Lt	Structure	26	0	0	2.6
356+70 Rt	Structure	26	0	0	2.6
360+70 Lt	Ditch	30	18	1	3
360+70 Rt	Structure	26	0	0	2.6
363+50 Lt	Ditch	30	18	1	3
363+50 Rt	Structure	45	0	0	4.5
367+00 Lt	Ditch	45	15	1	4.5
367+00 Rt	Structure	40	0	0	4
370+00 Lt	Ditch	50	15	1	5
370+00 Rt	Structure	25	0	0	2.5
373+00 Lt	Ditch	46	20	1	4.6
373+00 Rt	Structure	28	0	0	2.8
380+00 Lt	Ditch	45	20	1	4.5
380+00 Rt	Structure	30	0	0	3
383+00 Lt	Ditch	72	24	1	7.2
383+00 Rt	Structure	32	0	0	3.2
Ramp E					
4+00 to 7+00 Rt	Ditch	300	14	1	30
5+00 to 7+00 Lt	Ditch	200	16	1	20
7+00 to 10+00 Lt	Ditch	300	30	1	30
7+00 to 10+00 Rt	Ditch	300	15	1	30
Ramp F					
3+00 to 6+40 Lt	Ditch Rt.	340	0	0	34
3+00 to 6+40 Rt	Ditch	340	0	0	34
6+40 Lt	N/A	30	0	0	3
6+40 Rt	Ditch	0	20	1	0
6+40 to 10+40 Rt	Ditch	400	0	0	40
10+40 to 14+00 Rt	Ditch	360	16	1	36
Total		3166	241	13	316.6

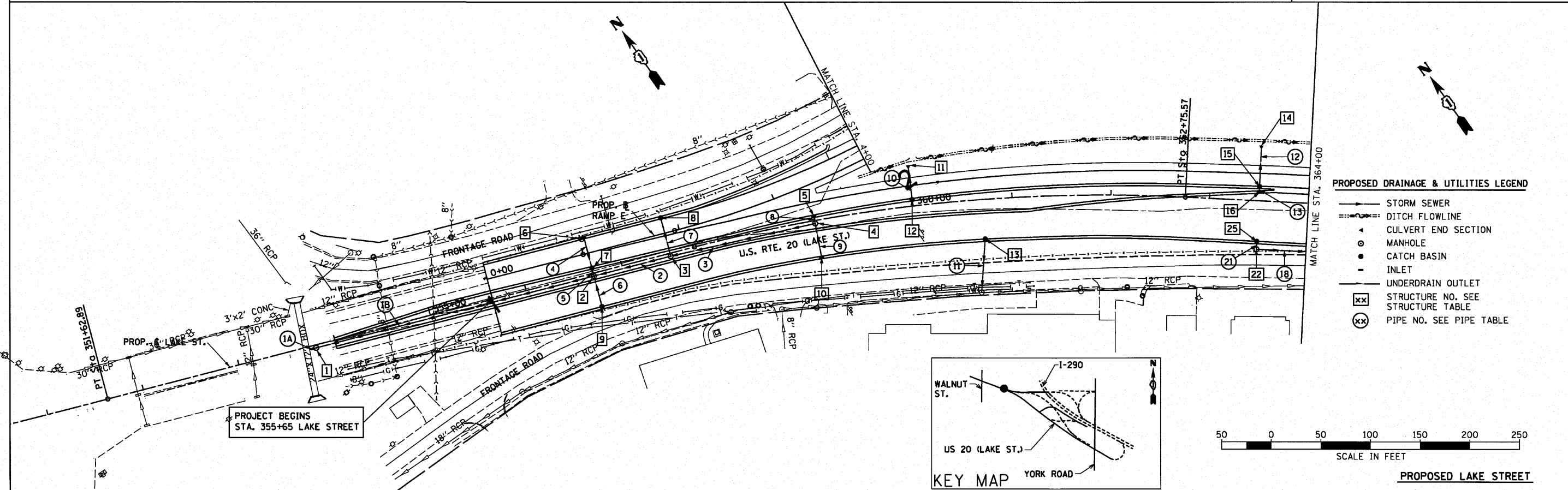
STORM SEWER REMOVAL				INLET REMOVAL TYPE I (SPECIAL)		INLET REMOVAL		MANHOLE REMOVAL		CATCH BASIN REMOVAL	
STA.	TO STA.	LF	PIPE	STA.	OFFSET	STA.	OFFSET	STA.	OFFSET	STA.	OFFSET
355+65	356+84	118	12" RCP	360+20	37' RT.	356+84	30.0' RT.	357+96	29' RT	358+42	46' LT
355+65	357+16	150	12" RCP			357+16	31.0' LT.				
356+84	357+96	112	12" RCP			358+34	40.0' LT.				
357+16	358+34	120	12" RCP			358+02	25.0' RT.				
357+96	358+02	5	12" RCP			360+22	20.0' RT.				
358+34	358+42	10	12" RCP								
360+20	360+20	20	12" RCP								
360+22	360+25	40	15" RCP								



EXISTING DRAINAGE & UTILITIES LEGEND

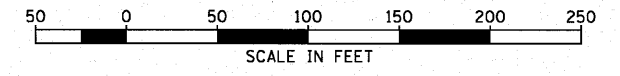
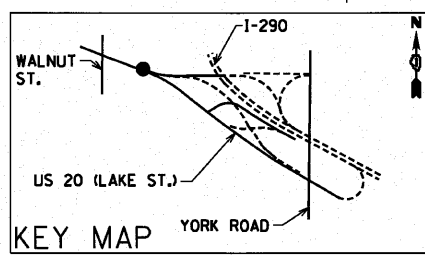
- STORM SEWER
- - - STORM SEWER TO BE REMOVED
- - - PIPE CULVERT
- - - PIPE CULVERT TO BE REMOVED
- - - COMBINATION SEWER
- MANHOLE
- CATCH BASIN
- = INLET
- X STRUCTURE TO BE REMOVED
- ▬ PAVED DITCH TO BE REMOVED

NOTE:
HEADWALL OR END SECTION REMOVAL IS INCLUDED IN THE COST OF REMOVING THE STORM SEWER OR CULVERT

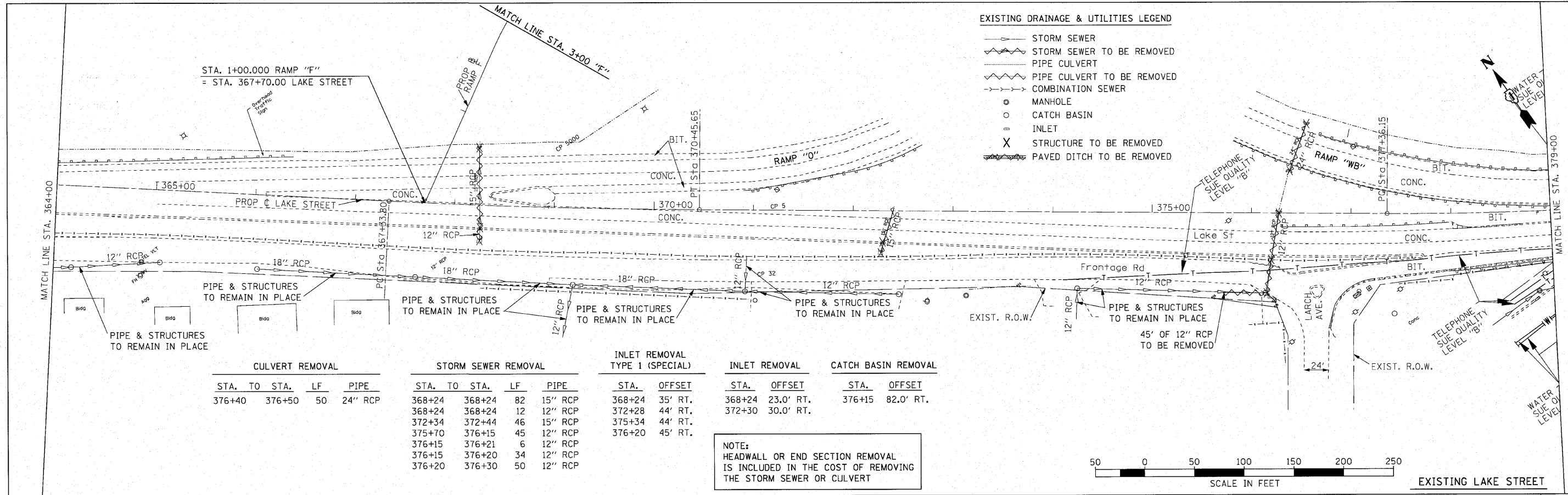


PROPOSED DRAINAGE & UTILITIES LEGEND

- STORM SEWER
- - - DITCH FLOWLINE
- - - CULVERT END SECTION
- MANHOLE
- CATCH BASIN
- = INLET
- UNDERDRAIN OUTLET
- xx STRUCTURE NO. SEE STRUCTURE TABLE
- xx PIPE NO. SEE PIPE TABLE

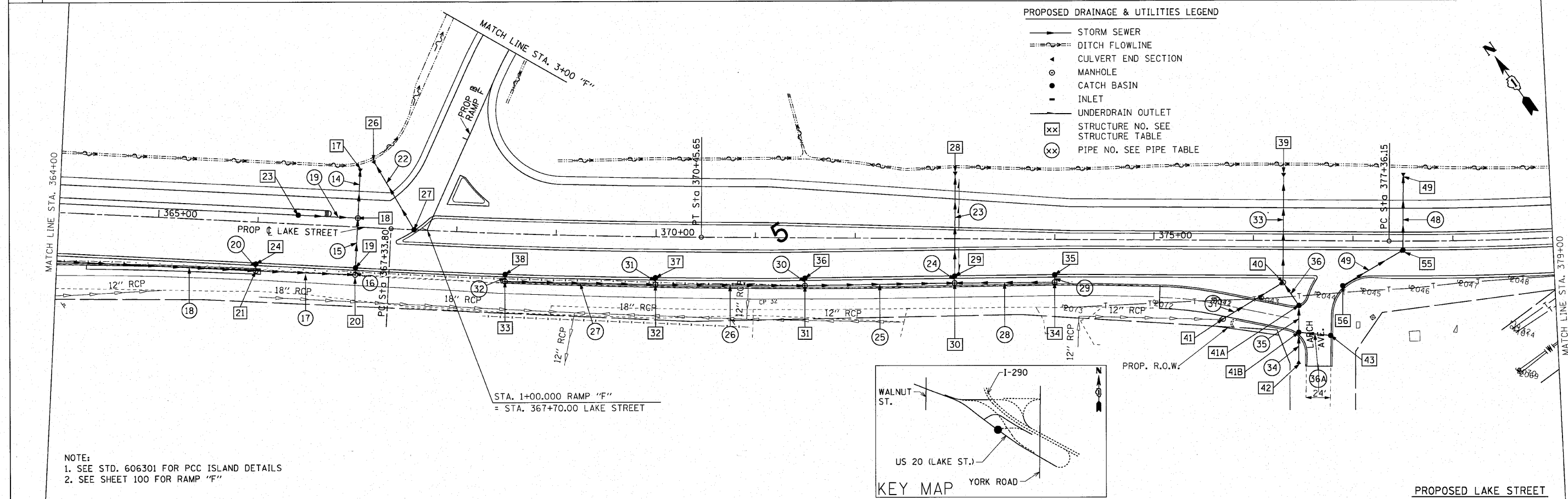
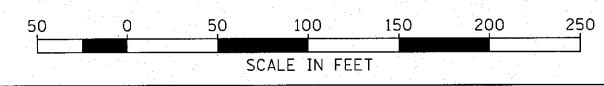


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FILEL	PLOT SCALE = 1"=50'	DRAWN - PRH	REVISED -		SCALE: 1"=50'	SHEET NO. 96 OF	SHEETS	STA. 355+65	TO STA. 364+00	CONTRACT NO. 62093		
	PLOT DATE = #DATE#	CHECKED - SRG	REVISED -							FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		
		DATE - 1/18/10	REVISED -									



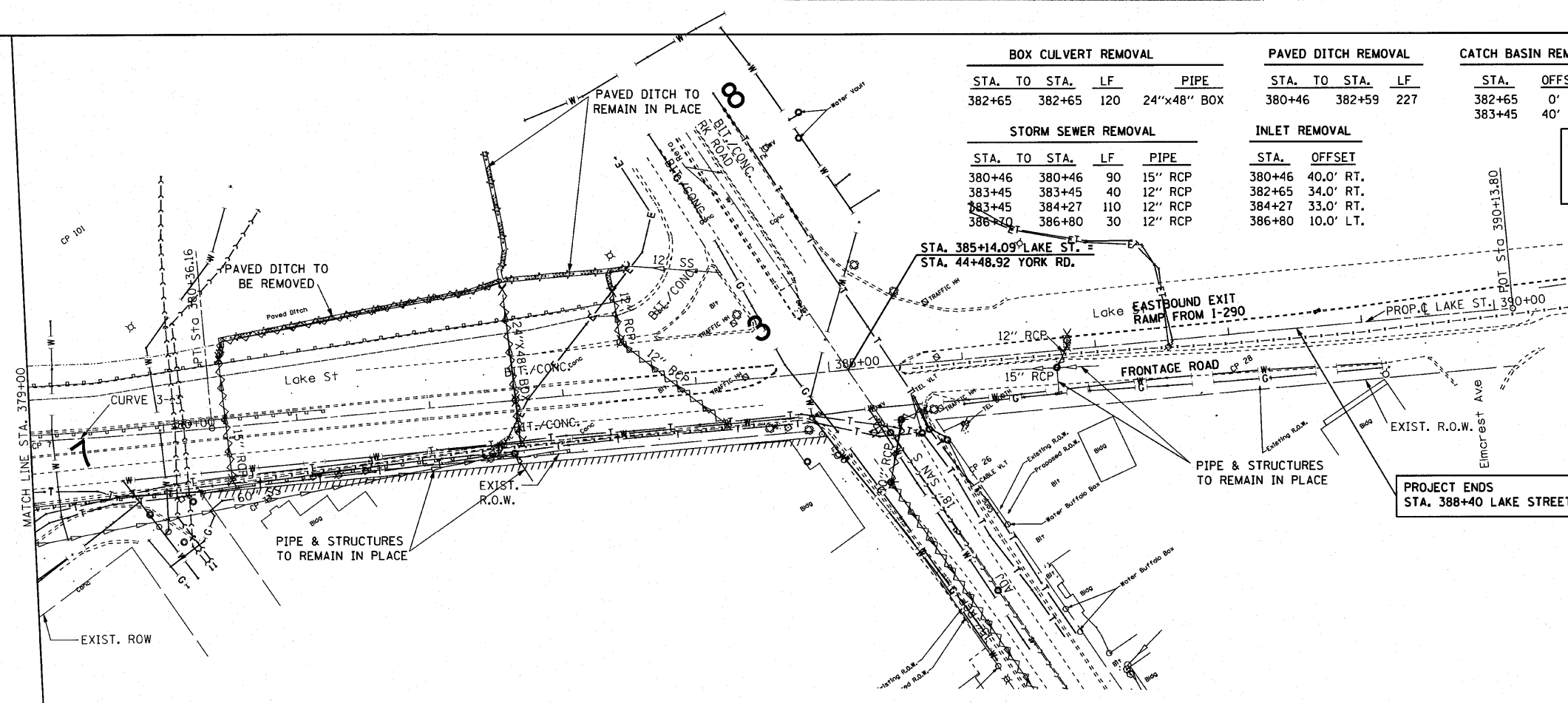
CULVERT REMOVAL				STORM SEWER REMOVAL				INLET REMOVAL TYPE 1 (SPECIAL)		INLET REMOVAL		CATCH BASIN REMOVAL	
STA.	TO STA.	LF	PIPE	STA.	TO STA.	LF	PIPE	STA.	OFFSET	STA.	OFFSET	STA.	OFFSET
376+40	376+50	50	24\" RCP	368+24	368+24	82	15\" RCP	368+24	35' RT.	368+24	23.0' RT.	376+15	82.0' RT.
				368+24	368+24	12	12\" RCP	372+28	44' RT.	372+30	30.0' RT.		
				372+34	372+44	46	15\" RCP	375+34	44' RT.				
				375+70	376+15	45	12\" RCP	376+20	45' RT.				
				376+15	376+21	6	12\" RCP						
				376+15	376+20	34	12\" RCP						
				376+20	376+30	50	12\" RCP						

NOTE:
HEADWALL OR END SECTION REMOVAL IS INCLUDED IN THE COST OF REMOVING THE STORM SEWER OR CULVERT



NOTE:
1. SEE STD. 606301 FOR PCC ISLAND DETAILS
2. SEE SHEET 100 FOR RAMP "F"

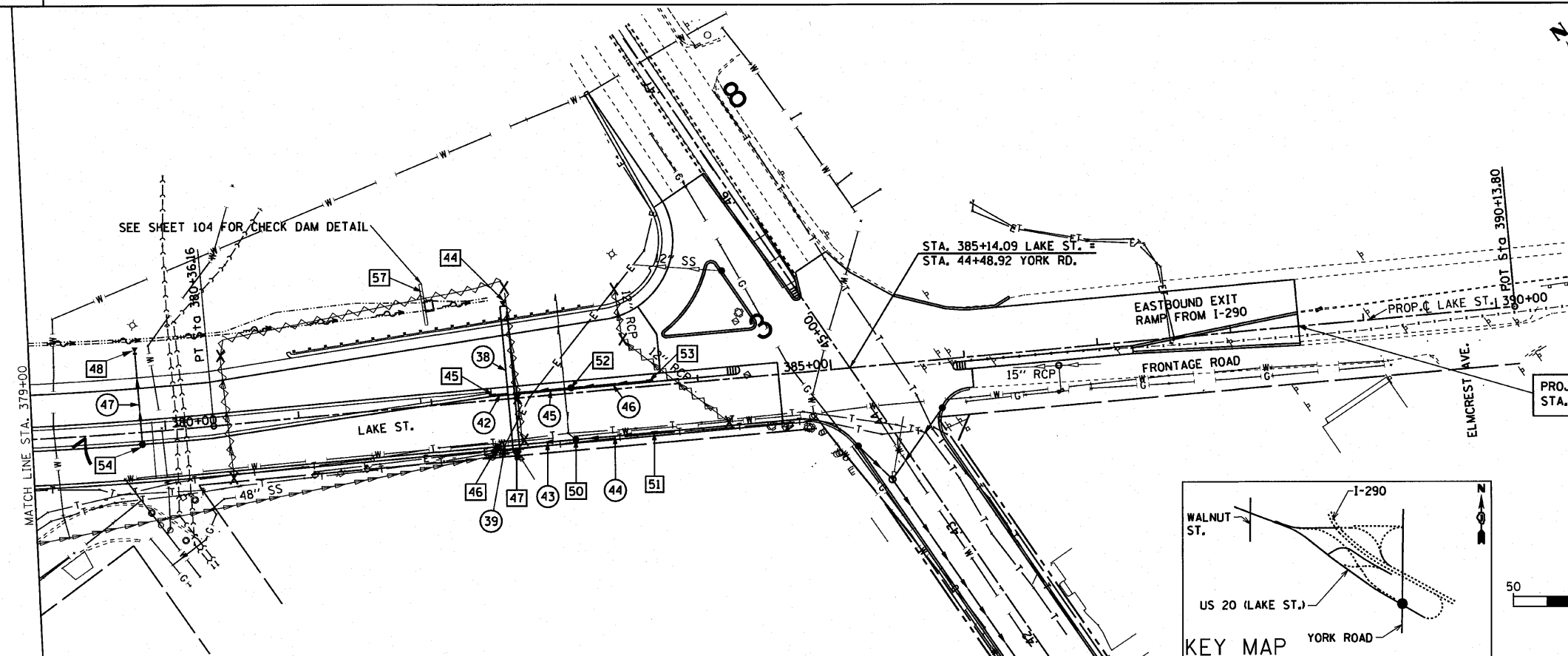
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DU.pln.dgn		DRAWN - PRH	REVISED -			SCALE: 1"=50'	SHEET NO. 97 OF SHEETS	STA. 364+00 TO STA. 379+00	CONTRACT NO. 62093		
		CHECKED - SRG	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
		DATE - 1/18/10	REVISED -								



BOX CULVERT REMOVAL				PAVED DITCH REMOVAL			CATCH BASIN REMOVAL	
STA. TO	STA.	LF	PIPE	STA. TO	STA.	LF	STA.	OFFSET
382+65	382+65	120	24"x48" BOX	380+46	382+59	227	382+65	0' RT.
STORM SEWER REMOVAL				INLET REMOVAL			383+45	
380+46	380+46	90	15" RCP	380+46			382+65	40' LT.
383+45	383+45	40	12" RCP	382+65			384+27	33.0' RT.
383+45	384+27	110	12" RCP	384+27			386+80	10.0' LT.
386+80	386+80	30	12" RCP					

NOTE:
HEADWALL OR END SECTION REMOVAL
IS INCLUDED IN THE COST OF REMOVING
THE STORM SEWER OR CULVERT

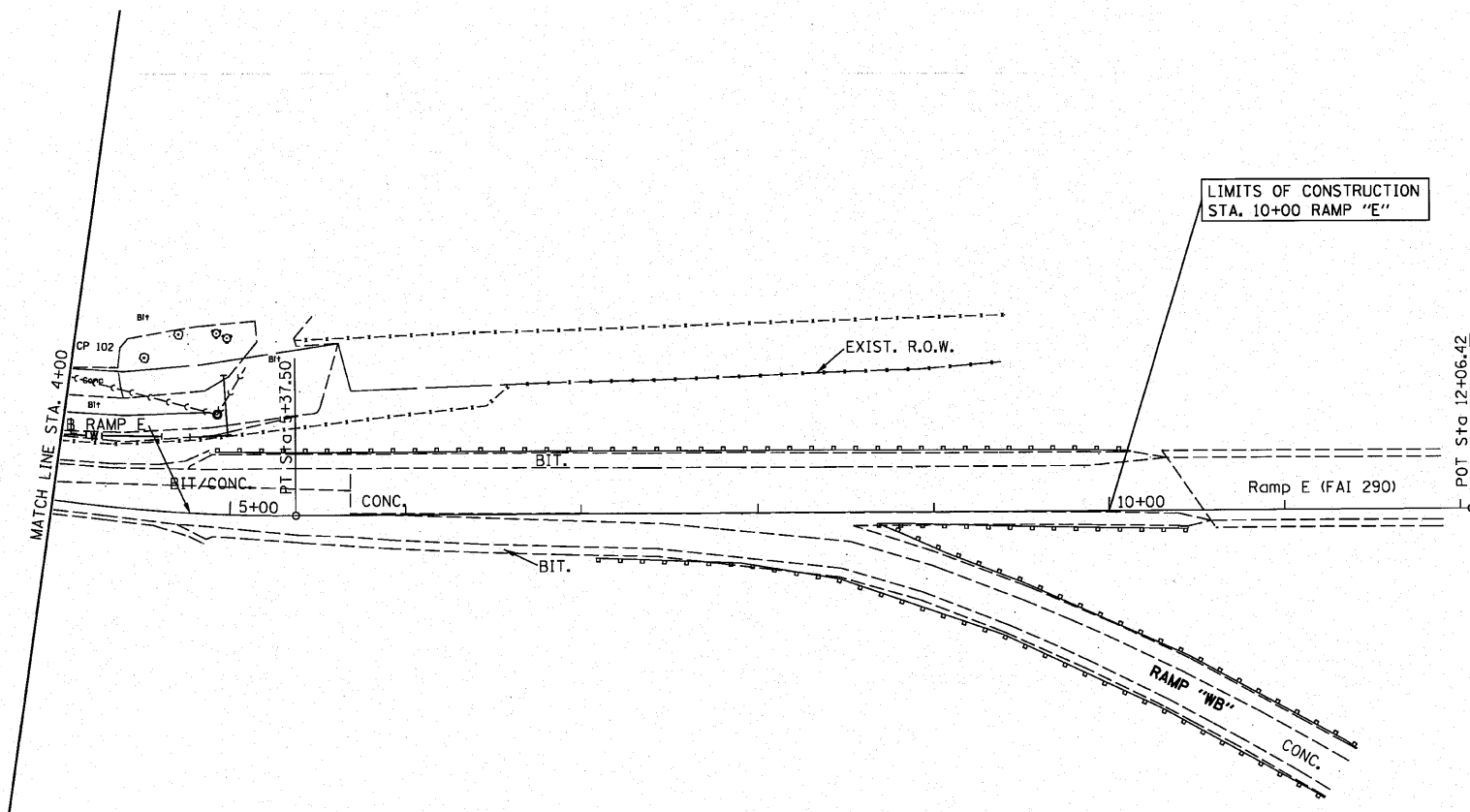
- EXISTING DRAINAGE & UTILITIES LEGEND**
- STORM SEWER
 - - - STORM SEWER TO BE REMOVED
 - PIPE CULVERT
 - - - PIPE CULVERT TO BE REMOVED
 - - - COMBINATION SEWER
 - MANHOLE
 - CATCH BASIN
 - INLET
 - X STRUCTURE TO BE REMOVED
 - ▨ PAVED DITCH TO BE REMOVED
- EXISTING LAKE STREET**



- PROPOSED DRAINAGE & UTILITIES LEGEND**
- STORM SEWER
 - - - DITCH FLOWLINE
 - ◁ CULVERT END SECTION
 - MANHOLE
 - CATCH BASIN
 - INLET
 - UNDERDRAIN OUTLET
 - ☒ STRUCTURE NO. SEE STRUCTURE TABLE
 - ⊗ PIPE NO. SEE PIPE TABLE
- PROPOSED LAKE STREET**

EXISTING DRAINAGE & UTILITIES LEGEND

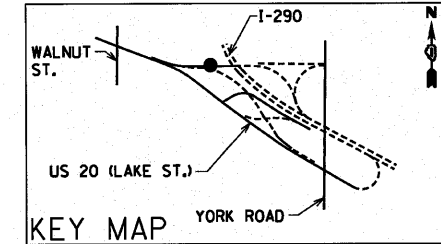
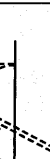
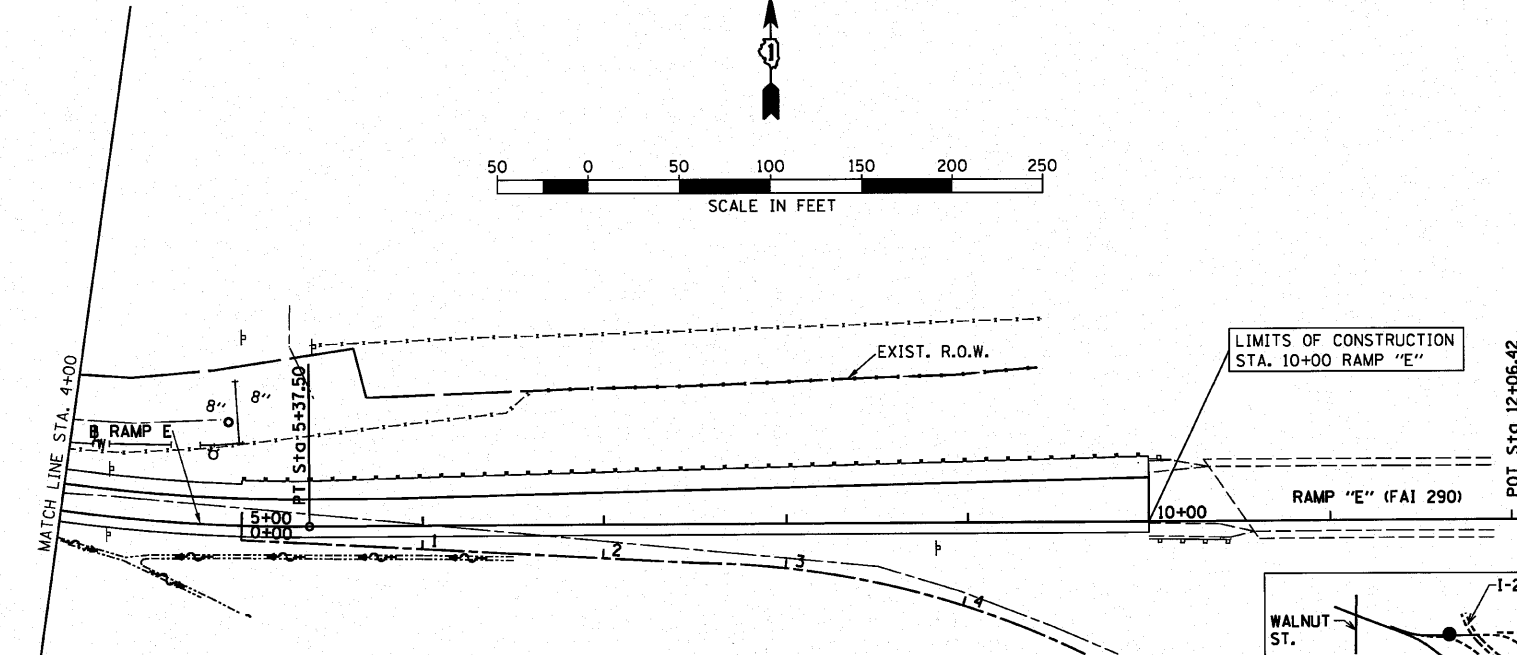
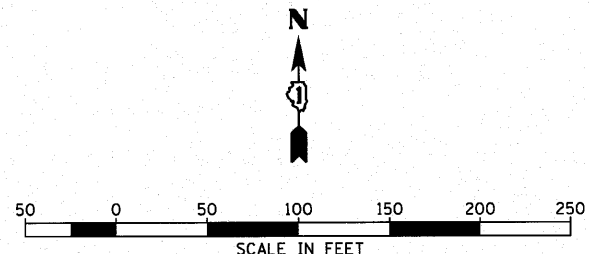
- STORM SEWER
- STORM SEWER TO BE REMOVED
- - - PIPE CULVERT
- - - PIPE CULVERT TO BE REMOVED
- - - COMBINATION SEWER
- MANHOLE
- CATCH BASIN
- INLET
- X STRUCTURE TO BE REMOVED
- PAVED DITCH TO BE REMOVED



EXISTING RAMP "E"

PROPOSED DRAINAGE & UTILITIES LEGEND

- STORM SEWER
- DITCH FLOWLINE
- ◁ CULVERT END SECTION
- MANHOLE
- CATCH BASIN
- INLET
- UNDERDRAIN OUTLET
- xx STRUCTURE NO. SEE STRUCTURE TABLE
- xx PIPE NO. SEE PIPE TABLE



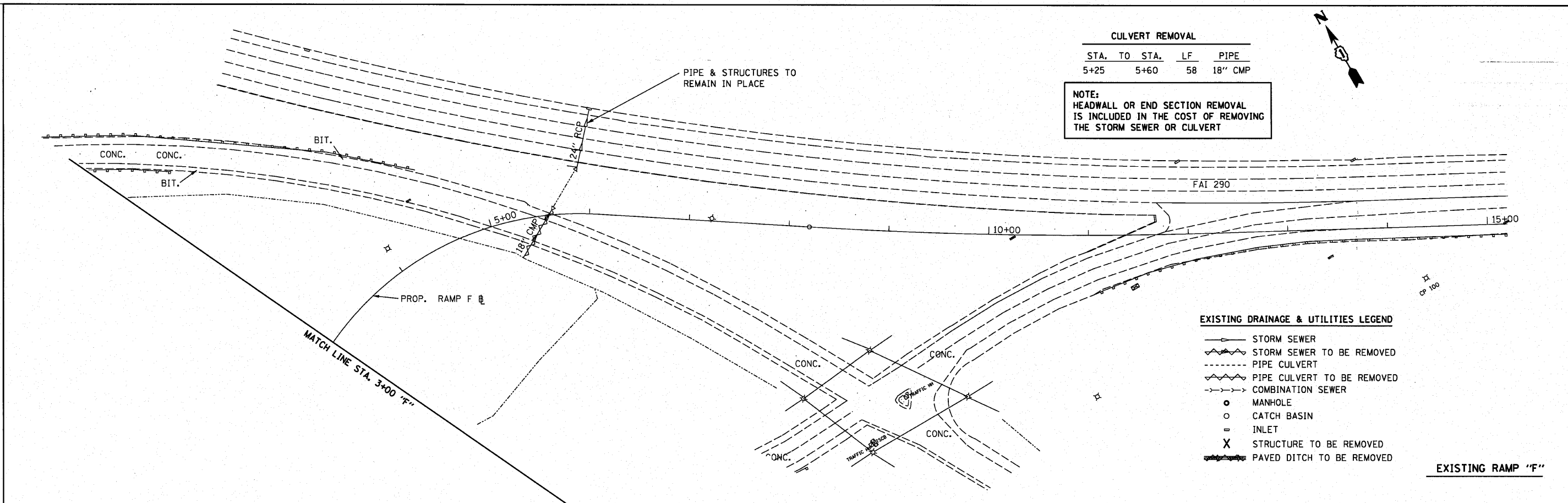
PROPOSED RAMP "E"

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	PLOT SCALE = 1"=50'	DRAWN - PRH	REVISED -		SCALE: 1"=50'	SHEET NO. 99 OF	SHEETS	STA. 4+00	TO STA. 10+00	CONTRACT NO. 62093		
PLOT DATE = *DATE*	CHECKED - SRG	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
	DATE - 1/18/10	REVISED -										
		REVISED -										

CULVERT REMOVAL

STA.	TO STA.	LF	PIPE
5+25	5+60	58	18" CMP

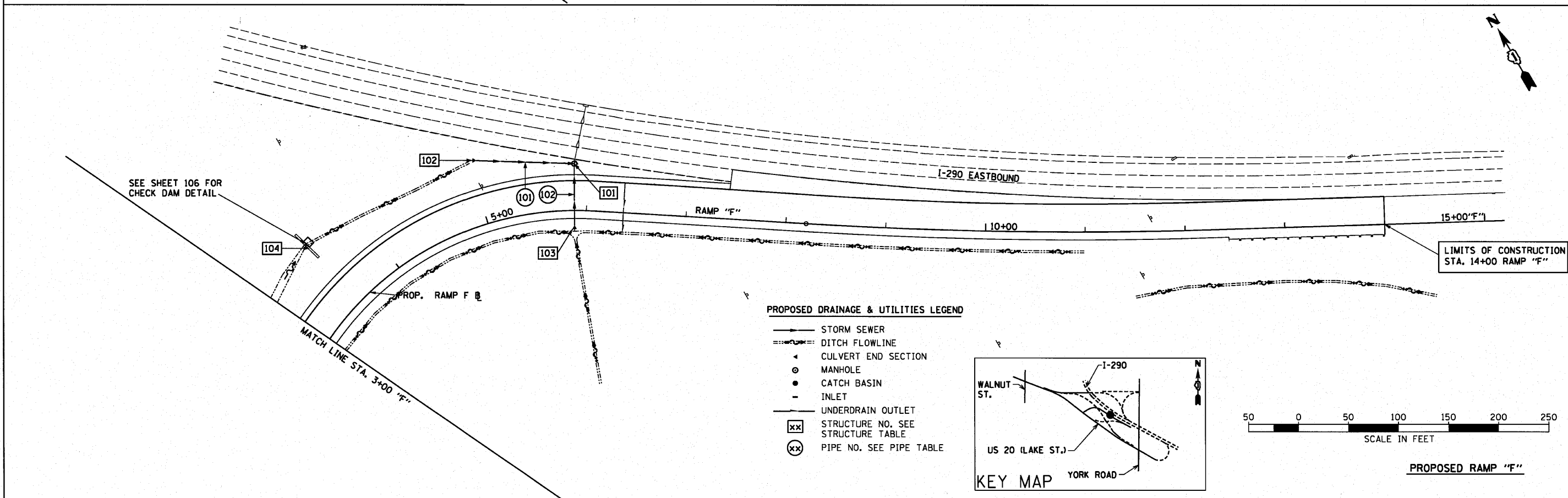
NOTE:
HEADWALL OR END SECTION REMOVAL IS INCLUDED IN THE COST OF REMOVING THE STORM SEWER OR CULVERT



EXISTING DRAINAGE & UTILITIES LEGEND

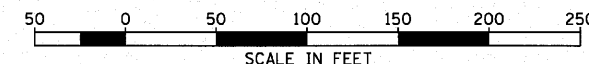
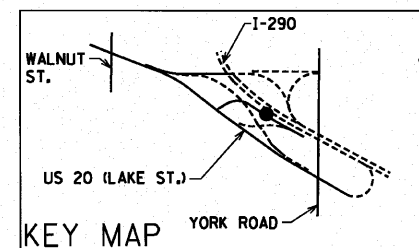
- STORM SEWER
- - - STORM SEWER TO BE REMOVED
- - - PIPE CULVERT
- - - PIPE CULVERT TO BE REMOVED
- - - COMBINATION SEWER
- MANHOLE
- CATCH BASIN
- INLET
- X STRUCTURE TO BE REMOVED
- - - PAVED DITCH TO BE REMOVED

EXISTING RAMP "F"



PROPOSED DRAINAGE & UTILITIES LEGEND

- STORM SEWER
- - - DITCH FLOWLINE
- ◁ CULVERT END SECTION
- MANHOLE
- CATCH BASIN
- INLET
- UNDERDRAIN OUTLET
- XX STRUCTURE NO. SEE STRUCTURE TABLE
- XX PIPE NO. SEE PIPE TABLE



PROPOSED RAMP "F"

FILE NAME = DU.pln.dgn	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RAMP "F" DRAINAGE AND UTILITIES			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
*FILE#		DRAWN - PRH	REVISED -		SCALE: 1"=50'	SHEET NO. 100 OF	SHEETS	STA. 3+00	TO STA. 13+70	3537	(4Y & 22-3R-2)	DUPAGE	284	100
		CHECKED - SRG	REVISED -									CONTRACT NO. 62093		
		DATE - 1/18/10	REVISED -							FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			