

" AS BUILT "

39

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9/27/99 STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**PLANS FOR PROPOSED
FEDERAL AID HIGHWAY**

F.A.I. 57

SECTION (27-38,27-1)RS

PROJECT ACIM-57-5(176)257

FORD COUNTY

C-93-095-97

INFORMATION ONLY

3202
Nov. 7, 1997
AS BUILT

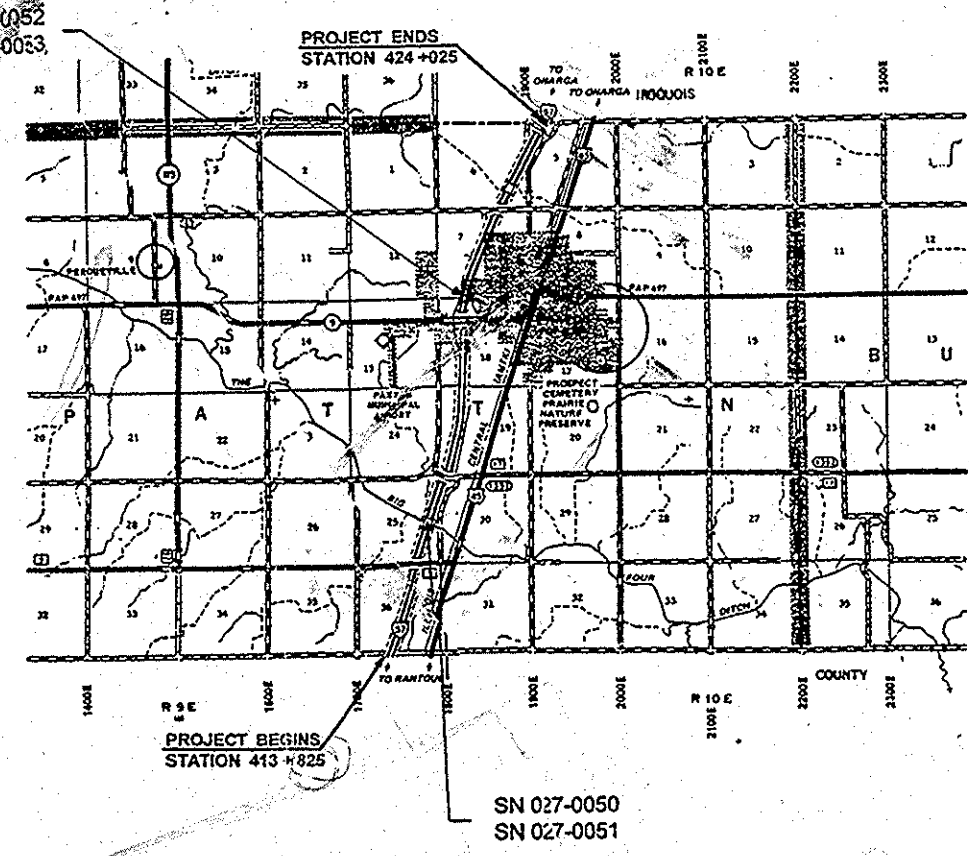
MICROFILMED _____
REEL NUMBER _____
AWARDED _____
RESIDENT ENGINEER ROBERT HACK
AS-BUILT CHANGES WERE MADE
ON THE FOLLOWING SHEETS _____

JULIE 1-800-892-0123

DISTRICT 3 NO. (815) 434-6131

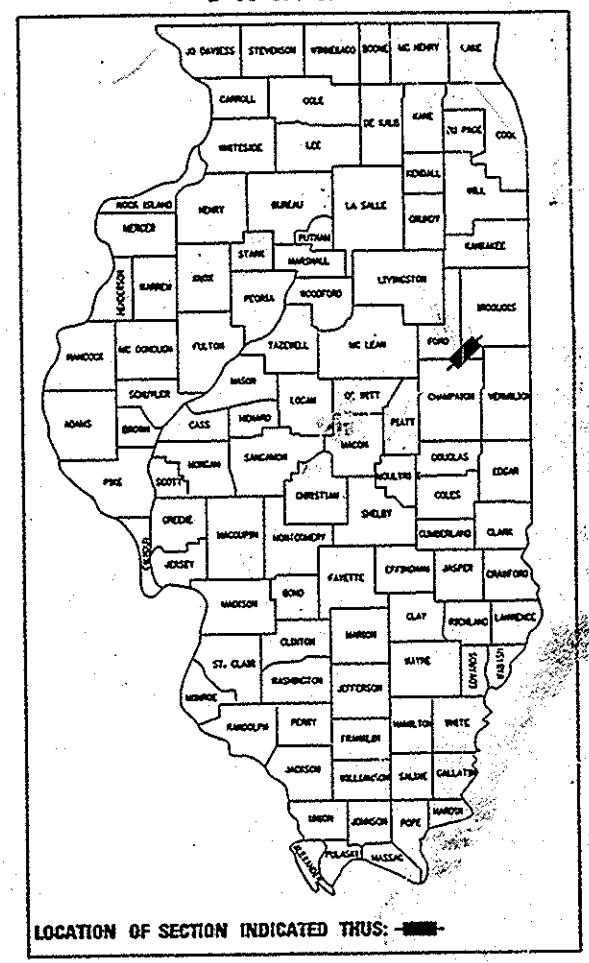
PROJECT ENGINEER: W. ALDRICH
UNIT CHIEF: R. MULHOLLAND
TOWNSHIP: PATTON

CONTRACT NO. 86789



GROSS & NET LENGTH = 10,200 m = 10.2 km

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEET NO.
57	27-38,27-1RS	FORD	53A 1
P-93-023-97			
D-93-071-97			



1998 ADT = 17,600
P.C. = 74.1% S.U. = 2.9% M.U. = 23.0%
DESIGN DESIGNATION - INTERSTATE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED SECTION 4 8-27
James J. [Signature] DISTRICT ENGINEER
PASSED October 3 19 97
Bill [Signature] ENGINEER OF DESIGN AND ENVIRONMENT
APPROVED October 3 19 97
James C. [Signature] DIRECTOR, DIVISION OF HIGHWAYS

JULY 7, 1997
ZFB51 (NP02397) DETAILS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	127-38.27-11RS	FORD		2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

General Notes

THE THICKNESS OF BITUMINOUS MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED. BE INCLUDED IN THE COST OF THE BITUMINOUS SURFACE.

EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.

BEFORE ORDERING PIPE CULVERTS OR PIPE DRAINS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR EXACT LENGTHS.

AGGREGATE (PRIME COAT): FA 20 MAY BE USED IN ADDITION TO THE GRADATIONS LISTED IN THE 2ND PARAGRAPH OF ARTICLE 1003.03(c).

THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS BITUMINOUS LIFTS.

FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.

WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL MONUMENTS UNTIL AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR REESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS.

SEEDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDDED WILL BE DETERMINED BY THE ENGINEER.

SHORT TERM PAVEMENT MARKING SHALL BE USED TO OUTLINE EXIT AND ENTRANCE RAMP FOR THE PRIME COAT APPLICATION AND EACH RESURFACING LIFT.

ON EXISTING PAVEMENT WHICH MAY BE SUPERELEVATED, THE NEW BITUMINOUS PAVEMENT SHALL BE BUILT WITH THE SAME SUPERELEVATION UNLESS NEW SUPERELEVATION RATES ARE GIVEN ON THE PLANS.

ALL ELEVATIONS REFERRING TO U.S.G.S. MEAN SEA LEVEL DATUM.

ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER LISTED ON THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.43	M TONS / CU M
BITUMINOUS MAT PRIME COAT	0.35	LITERS / SQ M OR
	1.7	LITERS / SQ M
AGGREGATE PRIME COAT	0.002	M TONS / SQ M
BITUMINOUS CONCRETE SURF CSE	2.4	Kg / SQ M / mm
SHORT TERM PAVEMENT MARKING	10	M / 100 M OF APPLICATION
MIX FOR CRACKS, JTS & FLOWYS	0.0003	M TONS / SQ M
LEVEL BINDER (HAND METHOD)	0.0005	M TONS / SQ M
LEVEL BINDER (MACHINE METHOD)	2.4	Kg / SQ M / mm
CALCIUM CHLORIDE	1	Kg / SQ M / APPLICATION

THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE PRESENCE OF DEPARTMENT-OWNED UNDERGROUND ELECTRICAL CABLE WITHIN THE LIMITS OF THE PROPOSED IMPROVEMENT. THE CONTRACTOR SHALL REQUEST THE ILLINOIS DEPARTMENT OF TRANSPORTATION IN OTTAWA (815-434-8505) TO LOCATE THE UNDERGROUND FACILITIES, PROVIDING A MINIMUM OF 72 HOURS NOTICE. THE DEPARTMENT IS NOT A MEMBER OF THE JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS (JULIE) SYSTEM.

ALL DAMAGE TO DEPARTMENT OWNED UNDERGROUND FACILITIES, CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE DEPARTMENT AT THE CONTRACTOR'S EXPENSE. THIS SHALL INCLUDE ALL TEMPORARY REPAIRS REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS. SPLICING OF ELECTRIC CABLE SHALL NOT BE ALLOWED. ELECTRIC CABLE SHALL BE REPLACED FROM POLE TO POLE OR CONTROLLER.

THE COST OF MAKING ANY SEWER CONNECTIONS TO AN EXISTING DRAINAGE STRUCTURE OR PIPE SHALL BE INCLUDED IN THE COST OF THE NEW SEWER.

ONE LANE IN EACH DIRECTION MAY BE CLOSED AS PER STANDARD 701406 TO ALLOW THE CONTRACTOR TO COMPLETE ALL OPERATIONS REQUIRED FOR THAT LANE (FOR EXAMPLE: PAVEMENT REPLACEMENT, BRIDGE STAGING, SHOULDER REPLACEMENT, ETC.)

WEATHER MONITORS HAVE BEEN INSTALLED IN THE PAVEMENT AT THE RTE. 9 INTERCHANGE. THE CONTRACTOR SHALL NOTIFY THE DISTRICT 3 OPERATIONS OFFICE, (815)434-8484, AS SOON AS THE SURFACE COURSE IS PLACED TO ALLOW PLACEMENT OF THE NEW SENSORS. THE SUBCONTRACTOR (SURFACE SYSTEMS INC. OF ST. LOUIS MO.) SHALL CO-ORDINATE HIS OPERATIONS WITH THE PRIME CONTRACTOR FOR THIS PROJECT. STAGING AND/OR LANE CLOSURES WILL BE APPROVED BY THE ENGINEER.

Standards

420001	Pavement Joints
420206	Typical Entrance Ramp Term - Jointed PCC Ramp Adj to CRC Pavement
420306	Typical Exit Ramp Term - Jointed PCC Ramp Adj to CRC Pavement
420701	Pavement Fabric
421001	Reinforcement For C R PCC Pavement
442001	Class A Patches
442101	Class B Patches
482006	Bituminous Shoulder - Adjacent To Rigid Pavement
482011	Bit. Shoulder Strips/Shoulders With RS Or Widening & RS Projects
482011	Bit. Shoulder Strips/Shoulders With RS Or Widening & RS Projects
482101	Rumble Strip for PCC or Bituminous Shoulder
601001	Sub-Surface Drains
601101	Concrete Headwall For Pipe Drains
610001	Shoulder Inlet With Curb
630001	Steel Plate Beam Guardrail
631031	Traffic Barrier Terminal, Type 6
635001	Delineators
701101	Off-Road Operations, Multilane, Less Than 4.5 m (15') Away, Speeds $\geq$ 45 MPH
701106	Off-Road Opr., Multilane, More Than 4.5 m (15') Away, For Speeds $\geq$ 45 MPH
701401	Lane Closure, Multilane, For Speeds $\geq$ 45 MPH
701406	Lane Closure, Multilane, Day Operations Only, For Speeds $\geq$ 45 MPH
701411	Lane Closure, Multilane, At Entrance Or Exit Ramp, For Speeds $\geq$ 45 MPH
701426	Lane Closure, Multilane, Intermittent Or Moving Operation, For Speeds $\geq$ 45 MPH
702001	Traffic Control Devices
705001	Temporary Concrete Barrier
720011	Metal Posts (signs, markers, and delineators)
780001	Typical Pavement Markings
781001	Typical Applications, Raised Reflective Pavement Markers
813001	Junction Boxes
814001	Concrete Handholes
846001	Detector Loop Installations

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE

PREPARED BY: John R. Leland
DISTRICT STUDIES & PLANS ENGINEER

DATE: September 4, 1997

EXAMINED BY: Sharon L. Marnett
DISTRICT CONSTRUCTION ENGINEER

Heath R. Lang
DISTRICT OPERATIONS ENGINEER

Heath R. Lang
DISTRICT MATERIALS ENGINEER

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
M.W.N.	11-12-95	GENERAL NOTES & STANDARDS
		DRAWN BY
		CHECKED BY

413+825 → 416+077
416+450 →

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	027-38.27-1HRS	FORD	53	3
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES						FED 90% STATE 10%	FED 90% STATE 10%					
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	1000	SFTY-2A	SFTY-2A	SFTY-2A	SFTY-2A	SFTY-3N			
50600150	PAINTING STRUCTURAL STEEL	L SUM	1		0.25	0.25	0.25	0.25				
60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	132	132								
60260200	INLETS TO BE ADJUSTED (SPECIAL)	EACH	6	6								
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	6	6								
63100165	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL)	EACH	16	16								
63500205	REMOVING AND REPLACING DELINEATORS	EACH	170	170								
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6								
X7011420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	L SUM	1	1								
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	1								
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	1								
70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1	1								
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	78	78								
70400300	TEMPORARY CONCRETE BARRIER, TERMINAL SECTION	EACH	4	4	1	1	1	1				
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1672	1672								
78200405	GUARDRAIL MARKERS	EACH	6	6								
78200500	BARRIER WALL MARKERS	EACH	6	6	6	6	6	6				
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	16	16								
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1672	1672								
M2050150	EMBANKMENT	CUM	160	160								
M2500200	SEEDING, CLASS 2	HA	0.3	0.3								
M2500400	NITROGEN FERTILIZER NUTRIENT	KG	30	30								
M2500500	PHOSPHORUS FERTILIZER NUTRIENT	KG	30	30								
M2500600	POTASSIUM FERTILIZER NUTRIENT	KG	30	30								
M2510630	EROSION CONTROL BLANKET	SQM	3000	3000								
M2810500	BROKEN CONCRETE RIPRAP	SQM	1832	1832								
M2810809	STONE DUMPED RIPRAP, CLASS A5	M TON	832	832								
M4060100	BITUMINOUS MATERIALS (PRIME COAT)	LITER	88686	88686								
M4060400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	M TON	45.5	45.5								
M4060510	LEVELING BINDER (MACHINE METHOD), TYPE 1	M TON	4209	4209								
M4060610	LEVELING BINDER (HAND METHOD), TYPE 1	M TON	40	40								
M4060710	BITUMINOUS CONCRETE BINDER COURSE, TYPE 1	M TON	19058	19058								
M4060820	BITUMINOUS CONCRETE SURFACE COURSE, MIXTURE D, CLASS I, TYPE 1	M TON	14007	14007								
M4060895	CONSTRUCTING TEST STRIP	EACH	3	3								
M4060990	TEMPORARY RAMP	SQM	420	420								
M4060300	AGGREGATE (PRIME COAT)	M TON	507	507								
M4214200	PAVEMENT REINFORCEMENT 200MM	SQM	4490	4490								
M4400000	BITUMINOUS SURFACE REMOVAL	SQM	1784	1784								
M4402110	BITUMINOUS CONCRETE REMOVAL (DECK)	SQM	3052	3052	592	639	893	928				
M4402220	BITUMINOUS SHOULDER REMOVAL	SQM	5702	5702								
M4402550	PAVEMENT REMOVAL (SPECIAL)	SQM	35076	35076								
M4410110	PAVEMENT REPLACEMENT (SPECIAL)	SQM	4490	4490								
M4425215	CLASS A PATCHES, TYPE II, 200MM	SQM	181	181								
M4425400	CLASS A PATCHES, TYPE IV	SQM	536	536								
M4425415	CLASS A PATCHES, TYPE IV, 200MM	SQM	27	27								
M3510150	AGGREGATE BASE COURSE TYPE A 150MM	SQM	5197.5	5197.5								
M4429400	SAWCUTS	METER	1138	1138								
M4812000	AGGREGATE SHOULDERS, TYPE B	M TON	3024	3024								
M4820090	BITUMINOUS SHOULDERS 90MM	SQM	96218	96218								
M4820200	BITUMINOUS SHOULDERS 200MM	SQM	4142	4142								
M4820250	BITUMINOUS SHOULDERS 250MM	SQM	1560	1560								
M5010240	CONCRETE REMOVAL	CUM	30	30								
M5403210	EXPANSION BOLTS M12	EA	36	36								
M5030030	PREFORMED JOINT SEAL 64MM	METER	50.2	50.2								
M5030360	CONCRETE SUPERSTRUCTURES	CUM	39.6	39.6								
M5030710	FORMED CONCRETE REPAIR (DEPTH EQUAL TO OR LESS THAN 125MM)	SQM	15.1	15.1	4.2	5	1.6	4.3				
M5050405	FURNISHING AND ERECTING STRUCTURAL STEEL	KG	4060	4060								
M5080205	REINFORCEMENT BARS, EPOXY COATED	KG	6325	6325								
M5900100	EPOXY CRACK SEALING	METER	36.5	36.5	9.3	7.4	10.6	9.3				
M6010070	SHOULDER REMOVAL AND REPLACEMENT	METER	4756	4756								

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
M.T.V.	11-12-95	SUMMARY OF QUANTITIES
		DRAWN BY CHECKED BY

JUL 11, 1995
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220-2

Rev.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(27-38.27-1)RS	FORD	53	4

FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT
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SUMMARY OF QUANTITIES										
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	FEED 90% STATE 10%	FEED 90% STATE 10% SN 027-0050	SN 027-0051	SN 027-0052	SN 027-0053	SN 027-0054	SN 027-0055
				1000	SFTY-2A	SFTY-2A	SFTY-2A	SFTY-2A	SFTY-2A	SFTY-3N
M6010605	PIPE UNDERDRAINS 100MM	METER	21,366	18600	19700					
M6010705	PIPE UNDERDRAINS 100MM (SPECIAL)	METER	244	1122						
M6320030	GUARD RAIL REMOVAL	METER	281	127						
M6610300	BITUMINOUS SHOULDER CURB	METER	194	482						
M7030100	SHORT-TERM PAVEMENT MARKING	METER	612	6732						
M7030220	TEMPORARY PAVEMENT MARKING - LINE 100MM	METER	0	44138						
M7030240	TEMPORARY PAVEMENT MARKING - LINE 150MM	METER	0	5100						
M7030250	TEMPORARY PAVEMENT MARKING - LINE 200MM	METER	0	1113						
M7030260	TEMPORARY PAVEMENT MARKING - LINE 300MM	METER	0	240						
M7040100	TEMPORARY CONCRETE BARRIER	METER	756	604	150	150	195	195		
M7040200	RELOCATE TEMPORARY CONCRETE BARRIER	METER	749	690	150	150	195	195		
M7800205	PAINT PAVEMENT MARKING - LINE 100MM	METER	41143	40728						
M7800215	PAINT PAVEMENT MARKING - LINE 150MM	METER	5346	5100						
M7800220	PAINT PAVEMENT MARKING - LINE 200MM	METER	0	1113						
M7800225	PAINT PAVEMENT MARKING - LINE 300MM	METER	0	240						
M8100040	CONDUIT IN TRENCH, 30MM DIA., GALVANIZED STEEL	METER	53.6	31						
M8100240	CONDUIT IN TRENCH, 30MM DIA., PVC	METER	72.3	9						
M8241510	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 3PAIR	METER	49.9	18						
M8470400	DETECTOR LOOP, SPECIAL	METER	48.3	47						
M8680100	TRENCH AND BACKFILL FOR ELECTRICAL WORK	METER	74.6	21						
M8680105	TRENCH AND BACKFILL FOR ELECTRICAL WORK (SPECIAL)	METER	9.8	43						
M8730235	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	METER	140.3	31						
M2006110	BRIDGE DECK MICROSILICA CONCRETE OVERLAY	SQ M	2751.01	2970	592	592	893	893		
M2006200	BRIDGE DECK SCARIFICATION	SQ M	2719.37	2920	592	592	893	893		
M2012800	CONCRETE PAVEMENT SCARIFICATION	SQ M	414.57	256	256					
M2016001	DECK SLAB REPAIR (FULL DEPTH, TYPE D)	SQ M	7.11	564	10.1		23	23		
M2016200	DECK SLAB REPAIR (PARTIAL)	SQ M	51.72	144	67	23.6	25.4	25.1		
M2017202	DOWEL BARS 35MM	EACH	50	76						
M2037300	PAVEMENT GROOVING	SQ M	2412.4	2490	2490					
M2030167	PIEZO ELECTRIC SENSOR	METER	1.57	8	8					
M2030169	PIEZO ELECTRIC SENSOR CABLE IN CONDUIT	METER	88.5	22	22					
X0301466	WEATHER STATION SYSTEM	L SUM	1	1	1					
X7015000	CHANGEABLE MESSAGE SIGNS	CAL MO	9.15	8	8					
Z0002600	BAR SPLICERS	EACH	96			48		48		
Z0015595	DECK DRAIN EXTENSIONS	EACH	256	104	32	32	44	44		
Z0056200	SAND MODULE IMPACT ATTENUATOR (RELOCATE)	EACH	48							48
Z0056400	SAND MODULE IMPACT ATTENUATOR (TEMPORARY)	EACH	48							48
Z0075300	TIE BARS	EACH	1777	1409	1109					
M2037372	PRECAST PRESTRESSED CONCRETE I-BEAM REPAIR	SQ M	37.80	30		15		15		
Z0076600	TRAINEES	Hour	220	500	500					
FRC0400	PAVEMENT CLEANING	\$	13,759.21							
FRC0401	SUB BASE REPAIR	\$	321.90							
X130400	CLASS B EXPANSION PATCH	SQM	53.52							
O TYPE CODE -1080										
FRC0500	PAVEMENT PATCHING (COLD MIX)	\$	4140.85							
FRC0600	PAVEMENT REPAIR MORTAR EXTER CONC	\$	7197.04							
FRC0601	BIT SHOULDER EXTER ASPHALT	\$	324.22							
X130600	BIT SHOULDER REPAIR, VAR DEPTH	SQM	228.57							
FRC0700	SHOULDER REPAIR	\$	881590.33							
FRC0701	DIA CORRECTION	\$	756.27							
FRC0702	ABUTMENT REPAIRS	\$								
X130800	STRUCTURAL STEEL CLEANING	LES	1							
X130801	DEEM PUT MV LINE 100	M	1159.40							
X130802	DEEM PUT MV LINE 200	M	1074.55							
X130803	DEEM PUT MV LINE 300	M	183.91							
X130900	SPBUR TYPE A	M	91.4							
FRC1100	EXPANSION SPECIAL	\$								

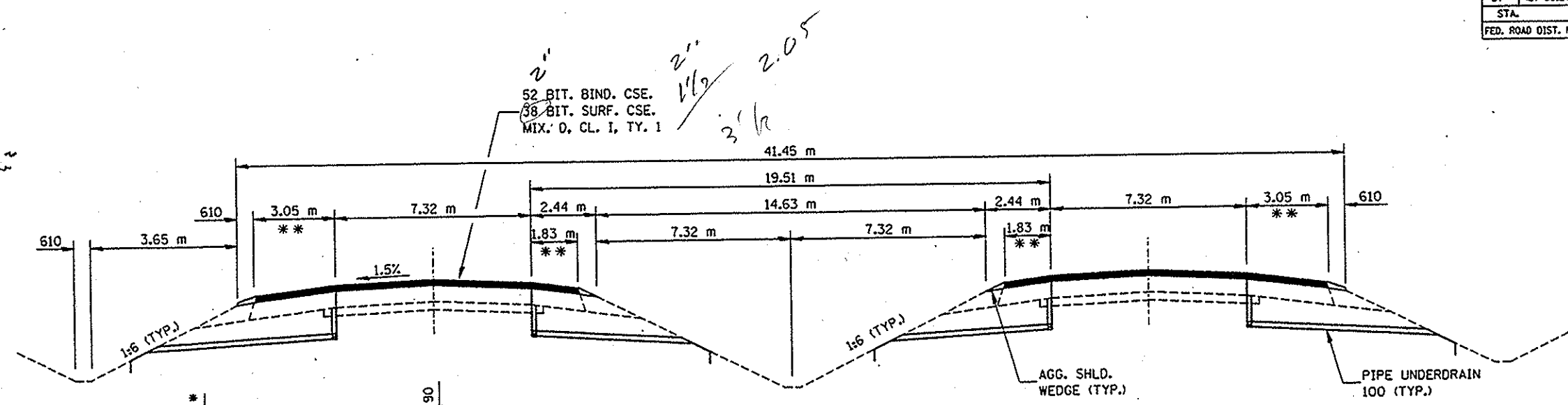
REVISED		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
M.T.T.	1-12-95	SUMMARY OF QUANTITIES

DATE

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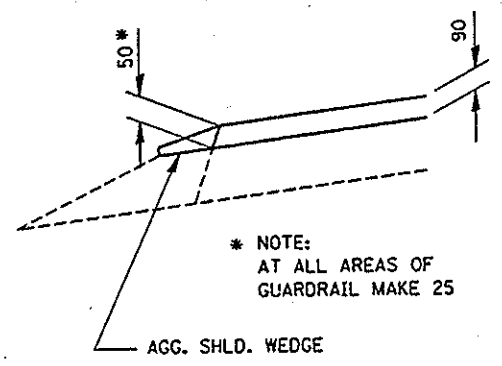
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	Q27-38.27-11RS	FORD	53	5
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



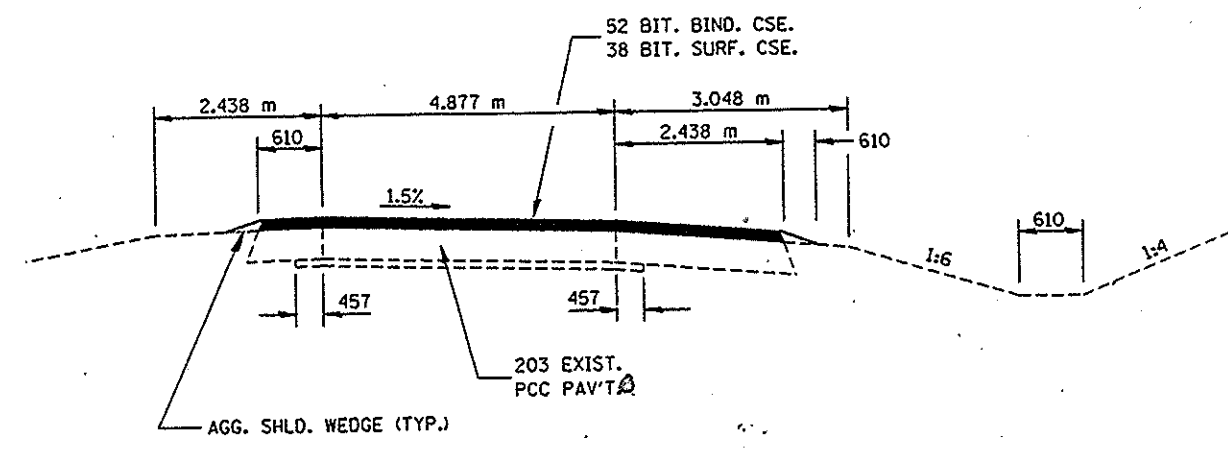
TYPICAL SECTION

** PAID FOR AS BITUMINOUS SHOULDERS 90



OUTSIDE SHOULDERS

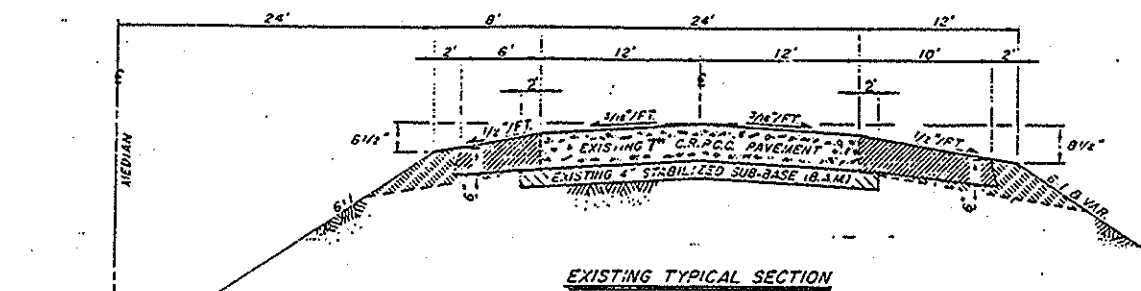
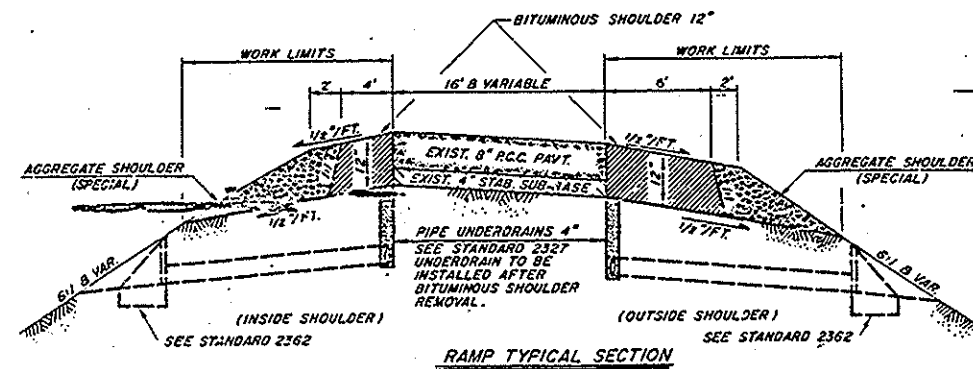
NOTE: THE TOP 38 mm OF PROPOSED SHOULDER SHALL MEET THE MINIMUM REQUIREMENTS OF BITUMINOUS CONCRETE SURFACE COURSE, CLASS 1, MIX C, TYPE 3



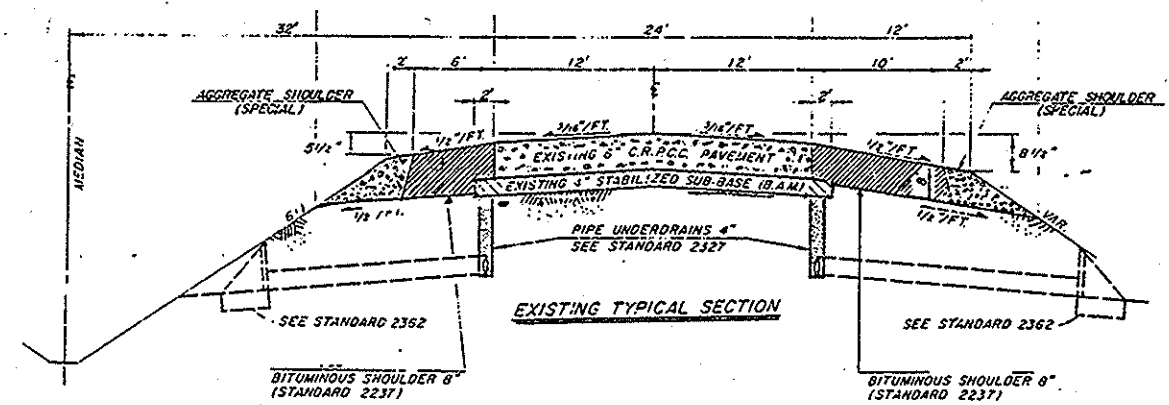
TYPICAL SECTION THRU RAMPS

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	027-38.27-1RS	FORD	53	6
STA.		TO STA.		
FED. ROAD DIST. NO. 4		ILLINOIS FED. AID PROJECT		



STATION 413+835 TO STATION 419+312



STATION 419+312 TO STATION 424+025

FOR INFORMATION ONLY

ILLINOIS DEPARTMENT OF TRANSPORTATION

EXISTING
TYPICAL SECTIONS

RIP RAP		
LOCATION	BROKEN CONCRETE RIP RAP	STONE DUMPE RIP RAP CLASS 5
S.N. & OFFSET	SQ M	M TON
S.N. 057-0052:		
NORTH SIDE	458	208
SOUTH SIDE	458	208
S.N. 057-0053:		
NORTH SIDE	458	208
SOUTH SIDE	458	208
TOTALS	1832	832

ELECTRICAL WORK									
LOCATION	DETECTOR LOOP, SPECIAL	AXLE DETECTOR IN PAVEMENT CL I	PIEZO AXLE DETECTOR CABLE IN CONDUIT	CONDUIT IN TRENCH 30mm DIA GALVANIZED STEEL	CONDUIT IN TRENCH 30mm DIA P.V.C.	ELECTRIC CABLE IN CONDUIT, LEAD-IN NO. 18 3 PR.	TRENCH BACKFILL FOR ELECTRIC WORK	T.B.F. FOR ELECTRIC WORK (SPECIAL)	REMOVE & REINSTALL ELECTRICAL CABLE FROM CONDUIT
STATION	METER	METER	METER	METER	METER	METER	METER	METER	METER
WEIGH IN MOTION STATION	9.4	8.0	22.0	31.1		9.1	12.2	31.1	19
SEASONAL TRAFFIC COUNT STATION # 21G	37.6				9.1	9.1	9.1	12	12
TOTALS	47	8	22	31.1	9.1	18.2	21.3	43.1	31

PAVEMENT MARKING											
LOCATION	SHORT-TERM PAVT MARKING	TEMP. PAVT MARKING LINE 100 mm	TEMP. PAVT MARKING LINE 150 mm	TEMP. PAVT MARKING LINE 200 mm	TEMP. PAVT MARKING LINE 300 mm	PAINT PAVT MARKING LINE 100 mm	PAINT PAVT MARKING LINE 150 mm	PAINT PAVT MARKING LINE 200 mm	PAINT PAVT MARKING LINE 300 mm	RAISED REFLECT. PAVT MARKER REM.	RAISED REFLECT. PAVT MARKER
STATION TO STATION	METER	METER	METER	METER	METER	METER	METER	METER	METER	EACH	EACH
NORTH BOUND:											
413+825 TO 416+242	798	4834	604			4834	604			198	198
416+242 TO 416+332	30	180	23			180	23			7	7
416+332 TO 421+321	1646	9671	1247			9671	1247			409	409
421+321 TO 421+372	17	102	13			102	13			4	4
421+372 TO 424+025	875	5306	663			5306	663			218	218
SOUTH BOUND:											
413+825 TO 416+247	799	4844	605			4844	605			199	199
416+247 TO 416+337	30	180	23			180	23			7	7
416+337 TO 421+312	1642	9677	1244			9677	1244			408	408
421+312 TO 421+363	17	102	13			102	13			4	4
421+363 TO 424+025	878	5324	665			5324	665			218	218
RAMP A		150		318		150		318			
RAMP B		115		245	120	115		245	120		
RAMP C		133		315		133		315			
RAMP D		110		235	120	110		235	120		
STAGE CONST. @ STRUCTURES		3410									
TOTALS	6732	44138	5100	1113	240	40728	5100	1113	240	1672	1672

CLASS A PATCHES, 200mm				
STATION	LOCATION	TYPE II SQ M	TYPE IV SQ M	SAWCUT METER
SBL:				
413+900	DRIVING LANE	6.6		16.4
413+912	DRIVING LANE	11		17.6
414+300	DRIVING LANE	6.6		16.4
415+500	DRIVING LANE		26.7	21.9
418+900	DRIVING LANE	6.6		16.4
420+580	DRIVING LANE	6.6		16.4
420+700	DRIVING LANE	6.6		16.4
420+775	DRIVING LANE	6.6		16.4
420+950	DRIVING LANE	6.6		16.4
422+025	PASSING LANE	6.6		16.4
422+700	DRIVING LANE	6.6		16.4
422+700	PASSING LANE	6.6		14.6
423+700	DRIVING LANE	13.5		18.3
423+700	PASSING LANE	13.5		14.6
NBL:				
416+450	DRIVING LANE	11		17.6
416+500	DRIVING LANE	13.2		18.3
417+250	DRIVING LANE	13.2		18.3
417+300	DRIVING LANE	6.6		16.4
418+800	DRIVING LANE	6.6		16.4
418+825	DRIVING LANE	13.2		18.3
421+550	DRIVING LANE	13.2		18.3
TOTALS		181	26.7	358.2

TEMPORARY BARRIER WALL						
LOCATION	TEMP. CONC. BARRIER	RELOCATE TEMP. CONC. BARRIER	TEMP. CONC. BARRIER TERMINAL SECTION	BARRIER WALL MARKERS	SAND MODULE IMPACT ATTEN.	SAND MODULE IMPACT ATTEN. (RELOCATE)
STATION	METER	METER	EACH	EACH	EACH	EACH
S.N. 027-0050	150	150	1	6	12	12
S.N. 027-0051	150	150	1	6	12	12
S.N. 027-0052	195	195	1	6	12	12
S.N. 027-0053	195	195	1	6	12	12
TOTALS	690	690	4	24	48	48

DECK DRAIN EXTENSIONS				
STRUCTURE NUMBER	SIZE	DIMENSION		QUANTITY
		A	B	
027 - 0028	102 X 305	998	886	24
027 - 0047	102 X 305	920	790	28
027 - 0048	102 X 305	920	790	28
027 - 0049	102 X 305	920	790	24
027 - 0050	102 X 305	1068	940	32
027 - 0051	102 X 305	1068	940	32
027 - 0052	102 X 305	1068	940	44
027 - 0053	102 X 305	1068	940	44
GRAND TOTAL				256

NOTE: DRAIN EXTENSIONS ARE INCLUDED UNDER THE ROADWAY CONST CODE
FOR SN:027-0028, SN:027-0047, SN:027-0048, AND SN:027-0049

MAINLINE																						
LOCATION	LEVEL BINDER (MM) TYPE 1	LEVEL BINDER (HM) TYPE 1	BIT. CONC. BINDER CSE. TYPE 1	BIT. CONC. SURF. CSE. MIX D, CL 1, TY. 1	BIT. MAT'L (PR. CT.)	MIX. FOR CRACKS JTS. & FLANGE-WAYS	AGG. (PR. CT.)	AGG. SHLDRS. TY-B	BIT. SHLDRS. 90mm	BIT. SHLDRS. 200mm	BIT. SHLDRS. 250mm	BIT. SHLDR. REM.	PAVT. REMOVAL (SPECIAL)	PAVT. RE-PLACE-MENT (SPECIAL)	PAVT. REIN-FORCE-MENT 200 mm	PAVT. GROOV-ING	CONC. PAVT. SCARIFI-CATION	CLASS A PATCHES .TY IV	AGG BSE CSE TY A 150	SAW CUTS	DOWEL BARS	TIE BARS
STATION	M TON	M TON	M TON	M TON	LITER	M TON	M TON	M TON	SQ M	SQ M	SQ M	SQ M	SQ M	SQ M	SQ M	SQ M	SQ M	SQ M	SQ M	METER	EACH	EACH
413+825 TO 422+191 S.B.L		10	7643	5585	35242	18.4	201.3	1240	39362	89		89						134		29		
413+825 TO 422+204 N.B.L		10	7655	5594	35313	18.4	201.7	1242	39468	89	1560	1649						134		29		
422+191 TO 422+374 S.B.L					313		1.8	27		893		893		1245	1245	1245			1245			
422+204 TO 422+361 N.B.L					268		1.5	23		766		766		1245	1245	1245			1245			
422+374 TO 424+025 S.B.L		10	1508	1102	7071	3.6	40.4	245	8031	89		89						134		29		
422+361 TO 424+025 N.B.L		10	1520	1111	7084	3.7	40.4	247	7969	89		89						134		29		
RAMP "A"			184	122	864	0.4	4.9		384	747		747		717	717		64		717	237	19	401
RAMP "B"			136	98	606	0.3	3.5		336	322		322		301	301		64		301	97	19	154
RAMP "C"			168	172	855	0.4	4.9		369	737		737		709	709		64		709	233	19	396
RAMP "D"			64	91	566	0.3	3.2		299	321		321		273	273		64		273	97	19	154
MAINT. CROSSOVERS:																						
STA. 413+935			105	77	294		1.7															
STA. 421+850			75	55	210		1.2															
JOINT REPAIR																						
413+825 TO 422+191 S.B.L	1766					25							14715									
413+825 TO 422+204 N.B.L	1727					25							14394									
422+374 TO 424+025 S.B.L	357					5							2972									
422+361 TO 424+025 N.B.L	359					5							2995									
TOTALS	4209	40	19058	14007	88686	105.5	506.5	3024	96218	4142	1560	5702	35076	4490	4490	2490	256	536	4490	780	76	1105

GUARDRAIL					
LOCATION	GUARD- RAIL REMOVAL	T.B.T. TYPE 1 (SPECIAL)	T.B.T. TYPE 6	GUARD- RAIL MARKERS	TERMINAL MARKER DIR. APPLIED
STATION	METER	EACH	EACH	EACH	EACH
SN 027-0028	25.400	2	2	2	2
SN 027-0052	22.225	1	1	1	1
SN 027-0053	22.225	1	1	1	1
SN 027-0049	25.400	2	2	2	2
SN 027-0010	6.350	2			2
SN 027-0050	3.175	1			1
SN 027-0051	3.175	1			1
SN 027-0048	6.350	2			2
SN 027-2002	6.350	2			2
SN 027-0047	6.350	2			2
TOTALS	127	16	6	6	16

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
W.T.F.	1-12-9E	SCHEDULES REVISED 9 - 18 - 97

0A1

APR. 11, 1995
WHEATLAND 200499.DCH

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	127-38.27-11RS	FORD	53	8
STA. TO STA.				
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				

RTE. 57 STATION	PIPE UNDERDRAIN SCHEDULE															
	SOUTH BOUND								NORTH BOUND							
	OUTSIDE				MEDIAN				MEDIAN				OUTSIDE			
	PIPE UNDERDRAIN 100 mm METER	CONC. 100 mm SPL METER	SHLDR HDWL EACH	REM. & REPL METER	PIPE UNDERDRAIN 100 mm METER	CONC. 100 mm SPL METER	SHLDR HDWL EACH	REM. & REPL METER	PIPE UNDERDRAIN 100 mm METER	CONC. 100 mm SPL METER	SHLDR HDWL EACH	REM. & REPL METER	PIPE UNDERDRAIN 100 mm METER	CONC. 100 mm SPL METER	SHLDR HDWL EACH	REM. & REPL METER
413+825	150			150	150			150	150			150	150			150
413+975		8.5	1	3.1		8.5	1	1.8		8.5	1	1.8		8.5	1	3.1
	150			150	150			150	150			150	150			150
414+125		8.5	1	3.1		8.5	1	1.8		8.5	1	1.8		8.5	1	3.1
	150			150	150			150	150			150	150			150
414+275		8.5	1	3.1		8.5	1	1.8		8.5	1	1.8		8.5	1	3.1
	150			150	150			150	150			150	150			150
414+425		8.5	1	3.1		8.5	1	1.8		8.5	1	1.8		8.5	1	3.1
	150			150	150			150	150			150	150			150
414+575		8.5	1	3.1		8.5	1	1.8		8.5	1	1.8		8.5	1	3.1
	150			150	150			150	150			150	150			150
414+725		8.5	1	3.1		8.5	1	1.8		8.5	1	1.8		8.5	1	3.1
	150			150	150			150	150			150	150			150
414+875		8.5	1	3.1		8.5	1	1.8		8.5	1	1.8		8.5	1	3.1
	150			150	150			150	150			150	150			150
415+025		8.5	1	3.1		8.5	1	1.8		8.5	1	1.8		8.5	1	3.1
	150			150	150			150	150			150	150			150
415+175		8.5	1	3.1		8.5	1	1.8		8.5	1	1.8		8.5	1	3.1
	150			150	150			150	150			150	150			150
415+325		8.5	1	3.1		8.5	1	1.8		8.5	1	1.8		8.5	1	3.1
	150			150	150			150	150			150	150			150
415+475		8.5	1	3.1		8.5	1	1.8		8.5	1	1.8		8.5	1	3.1
	150			150	150			150	150			150	150			150
415+625		8.5	1	3.1		8.5	1	1.8		8.5	1	1.8		8.5	1	3.1
	150			150	150			150	150			150	150			150
415+775		8.5	1	3.1		8.5	1	1.8		8.5	1	1.8		8.5	1	3.1
	150			150	150			150	150			150	150			150
415+925		8.5	1	3.1		8.5	1	1.8		8.5	1	1.8		8.5	1	3.1
	150			150	150			150	150			150	150			150
416+075		8.5	1	3.1		8.5	1	1.8		8.5	1	1.8		8.5	1	3.1
416+450		8.5	1	3.1		8.5	1	1.8		8.5	1	1.8		8.5	1	3.1
	150			150	150			150	150			150	150			150
416+600		8.5	1	3.1		8.5	1	1.8		8.5	1	1.8		8.5	1	3.1
	150			150	150			150	150			150	150			150
416+750		8.5	1	3.1		8.5	1	1.8		8.5	1	1.8		8.5	1	3.1
	150			150	150			150	150			150	150			150
416+900		8.5	1	3.1		8.5	1	1.8		8.5	1	1.8		8.5	1	3.1
	150			150	150			150	150			150	150			150
417+050		8.5	1	3.1		8.5	1	1.8		8.5	1	1.8		8.5	1	3.1
	150			150	150			150	150			150	150			150
417+200		8.5	1	3.1		8.5	1	1.8		8.5	1	1.8		8.5	1	3.1
	150			150	150			150	150			150	150			150
417+350		8.5	1	3.1		8.5	1	1.8		8.5	1	1.8		8.5	1	3.1
	150			150	150			150	150			150	150			150
417+500		8.5	1	3.1		8.5	1	1.8		8.5	1	1.8		8.5	1	3.1
	150			150	150			150	150			150	150			150
417+650		8.5	1	3.1		8.5	1	1.8		8.5	1	1.8		8.5	1	3.1
	150			150	150			150	150			150	150			150
417+800		8.5	1	3.1		8.5	1	1.8		8.5	1	1.8		8.5	1	3.1
	150			150	150			150	150			150	150			150
417+950		8.5	1	3.1		8.5	1	1.8		8.5	1	1.8		8.5	1	3.1
	150			150	150			150	150			150	150			150
418+100		8.5	1	3.1		8.5	1	1.8		8.5	1	1.8		8.5	1	3.1
	150			150	150			150	150			150	150			150
418+250		8.5	1	3.1		8.5	1	1.8		8.5	1	1.8		8.5	1	3.1
	150			150	150			150	150			150	150			150
418+400		8.5	1	3.1		8.5	1	1.8		8.5	1	1.8		8.5	1	3.1
	150			150	150			150	150			150	150			150
418+550		8.5	1	3.1		8.5	1	1.8		8.5	1	1.8		8.5	1	3.1
	150			150	150			150	150			150	150			150
418+700		8.5	1	3.1		8.5	1	1.8		8.5	1	1.8		8.5	1	3.1
	150			150	150			150	150			150	150			150
418+850		8.5	1	3.1		8.5	1	1.8		8.5	1	1.8		8.5	1	3.1
	150			150	150			150	150			150	150			150
419+000																
TOTALS	4800	272	32	4899.2	4800	272	32	4857.6	4800	272	32	4857.6	4800	272	32	4899.2

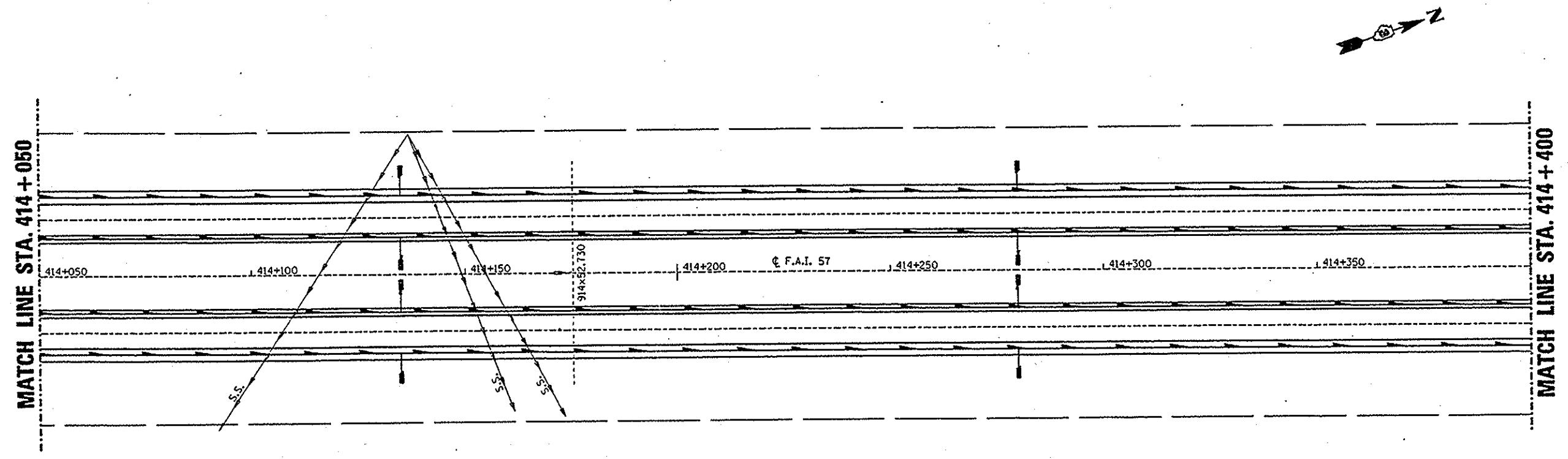
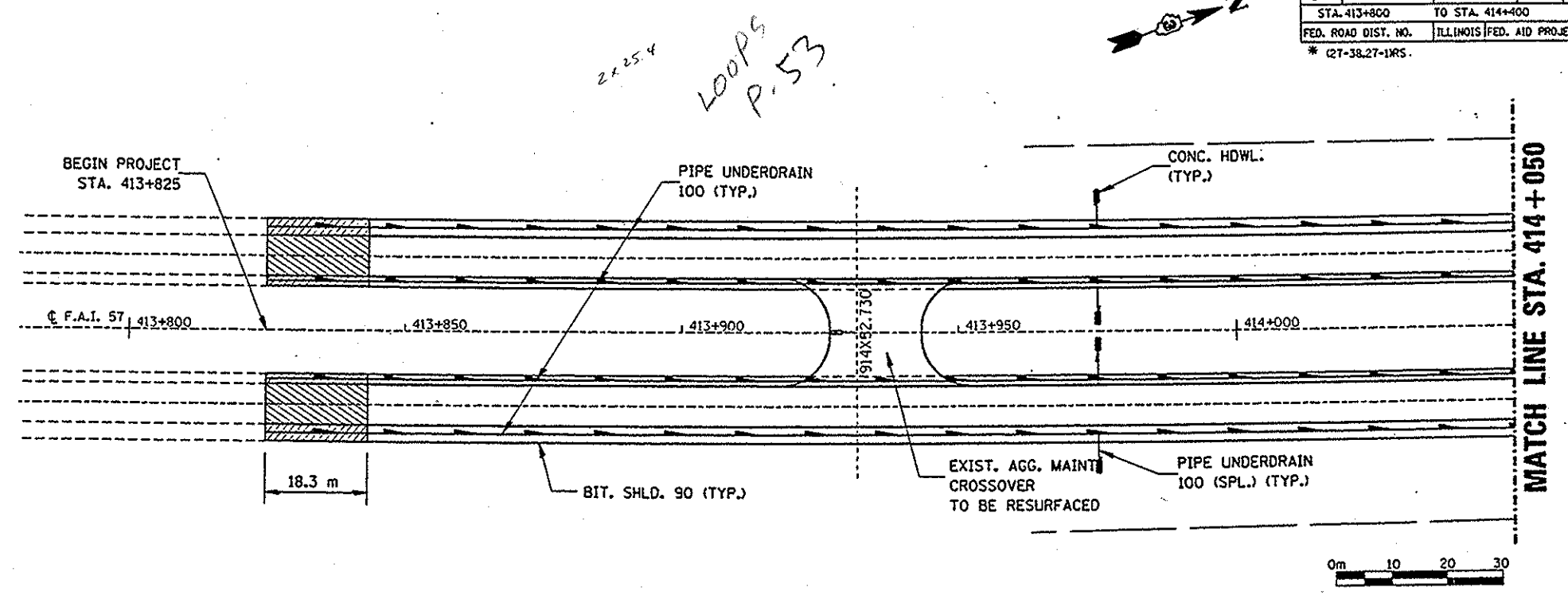
GRAND TOTALS:
PIPE UNDERDRAINS 100mm = 19200 METERS
PIPE UNDERDRAINS 100mm (SPL) = 1088 METERS
CONC. HDWL FOR PIPE DRAINS = 128 EACH
SHOULDER REMOVAL & REPLACE = 19513.6 METERS

✓ m6010070 - SHLD REM & REPL
- 4756 m.

4800 x 4 = 19200
64 x 3.1 = 198.4
64 x 1.8 = 115.2
19513.6 m (✓)

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE	SCHEDULES	
U.T.T.	11-12-95		
		DRAWN BY	
		CHECKED BY	
		DATE	

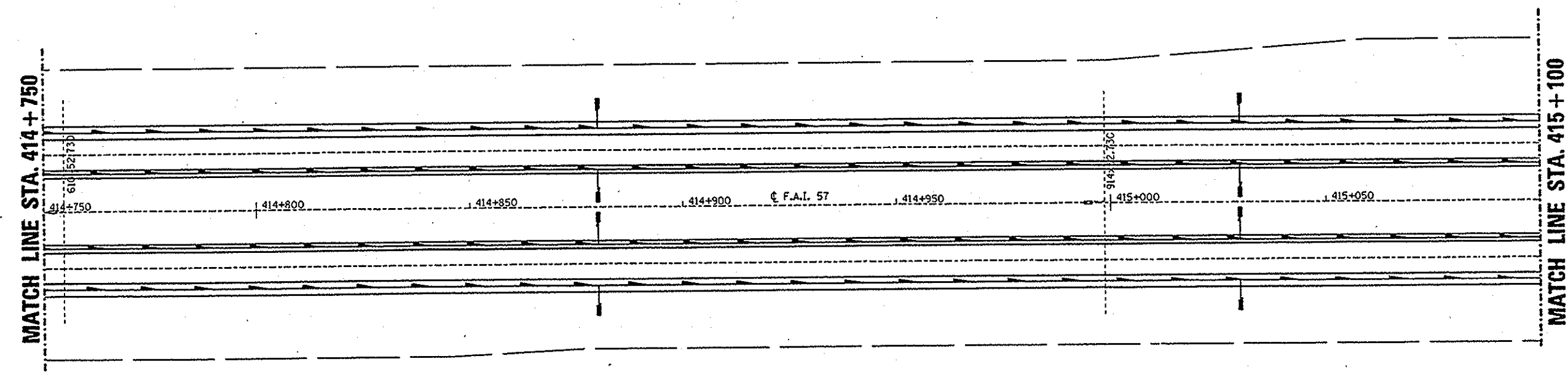
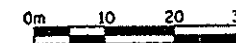
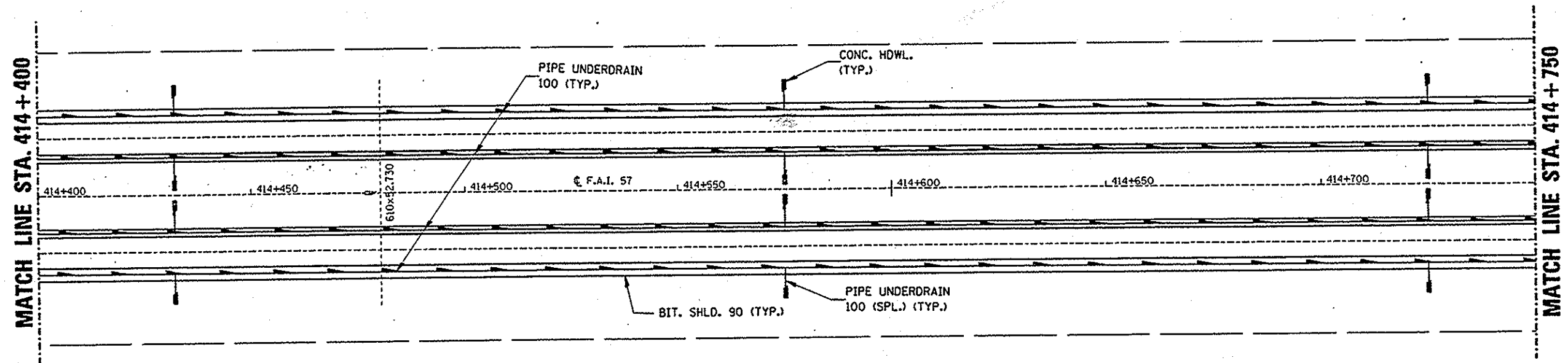
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	FORD	53	9
STA. 413+800		TO STA. 414+400		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* 027-38.27-1RS.				



PLAN VIEW STA. 413+800 TO STA. 414+400

AUG. 27, 1997
SICP023911 SHEETS.DGN

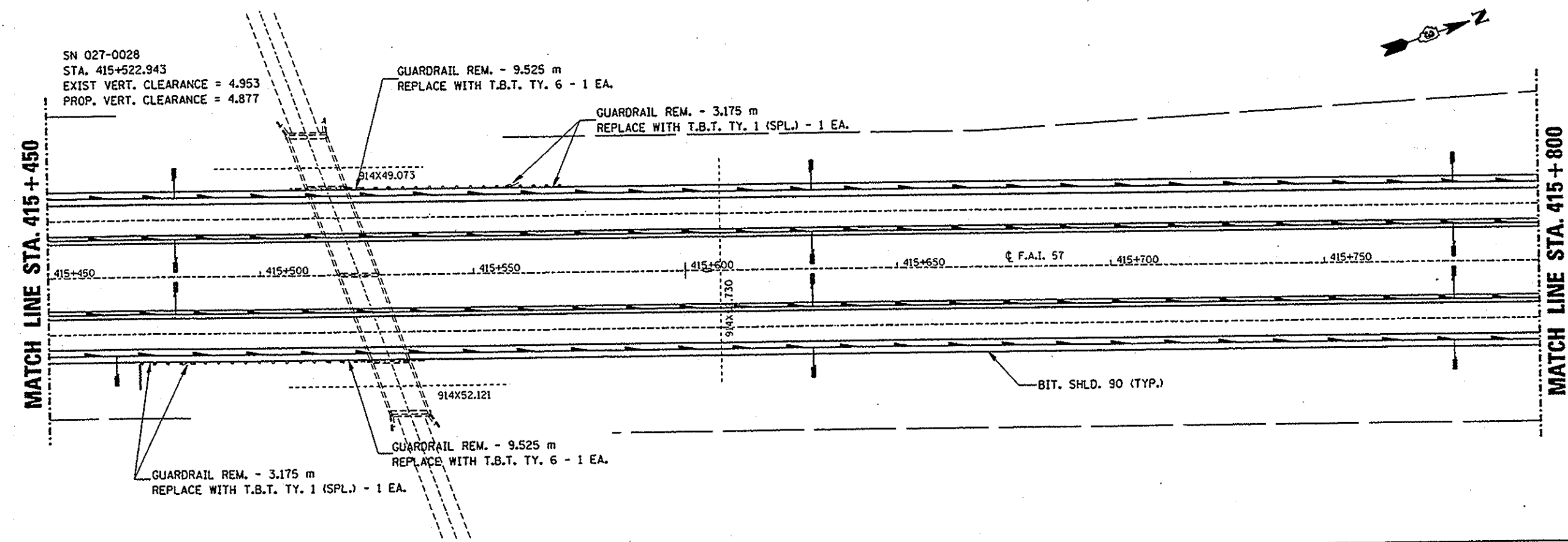
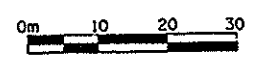
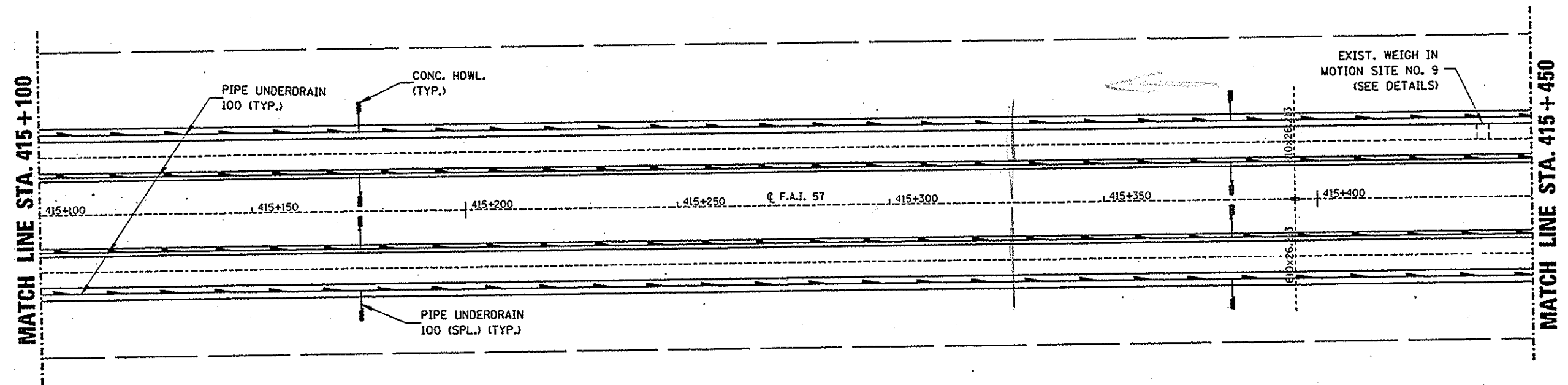
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	FORD	53	10
STA. 414+050		TO STA. 415+100		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (27-38.27-1)RS				



AUG. 26, 1997
SIMP003971 SHEETS.DGN

PLAN VIEW STA. 414+400 TO STA. 415+100

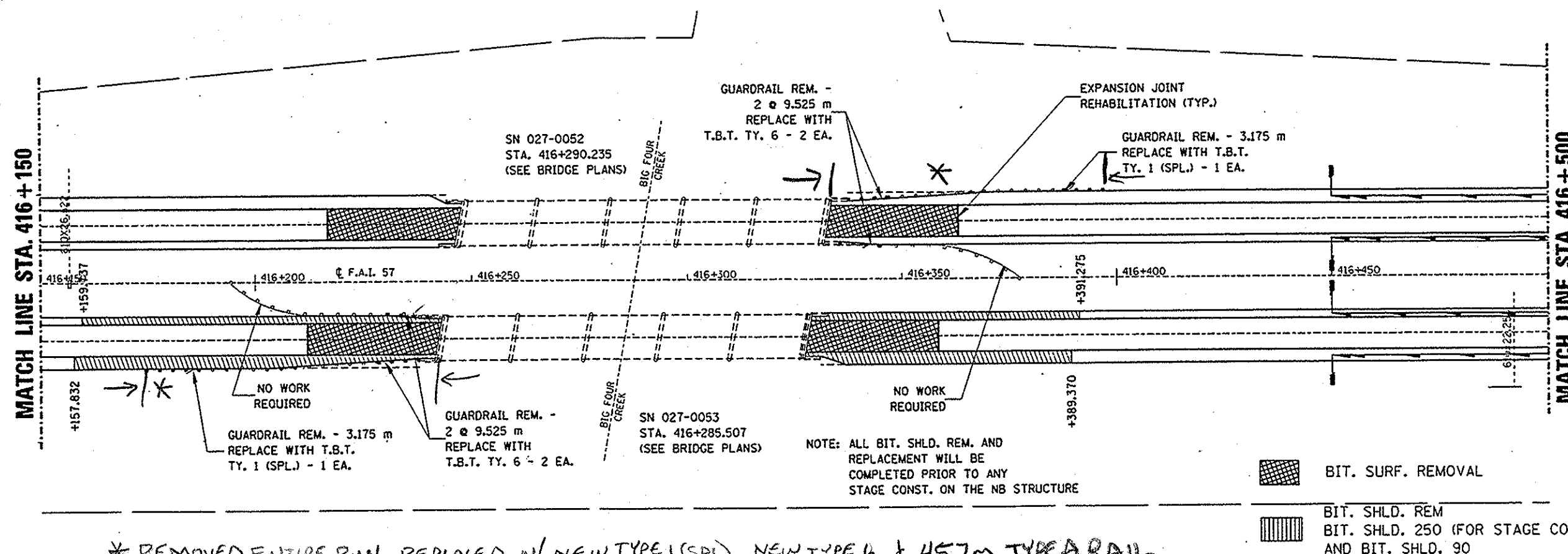
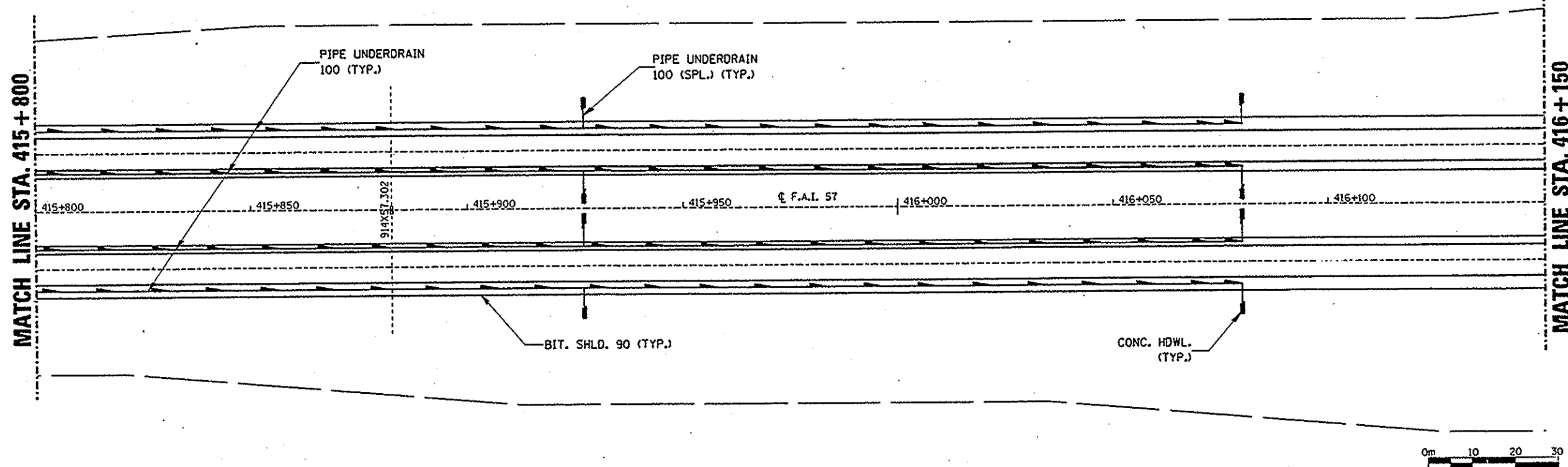
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57	*	FORD	53	11
STA. 415+100		TO STA. 415+800		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (27-38.27-1)RS				



AUG. 26, 1997
5:00PM 023971 SHEETS.DGN

PLAN VIEW STA. 415+100 TO STA. 415+800

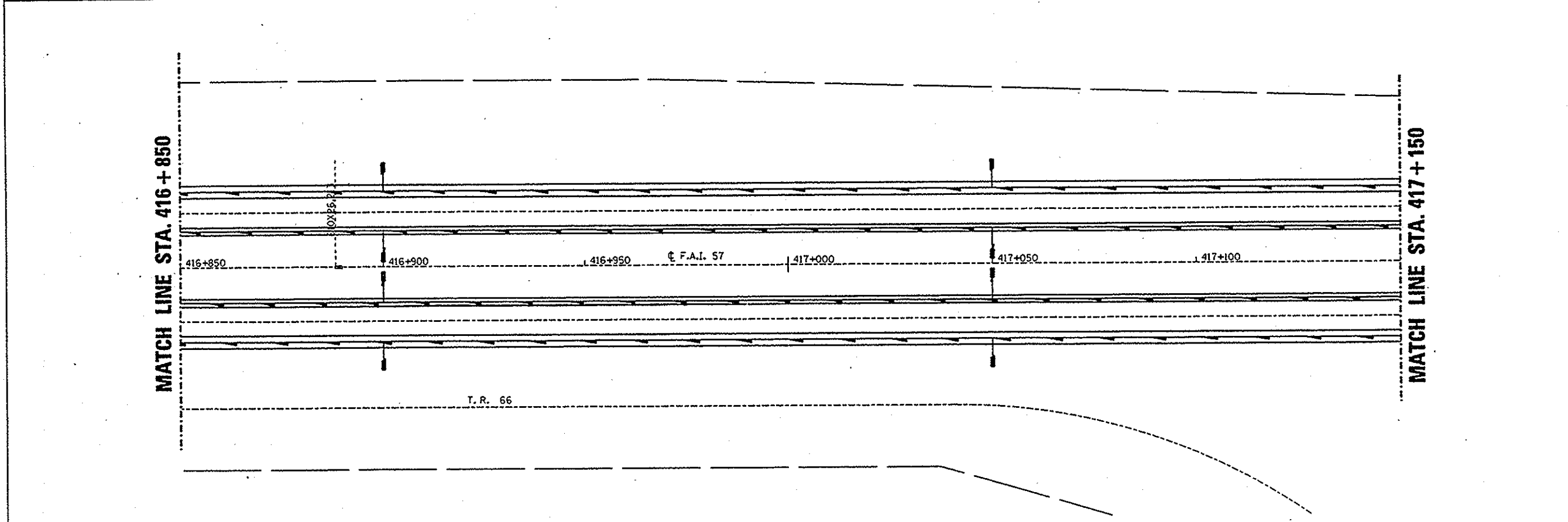
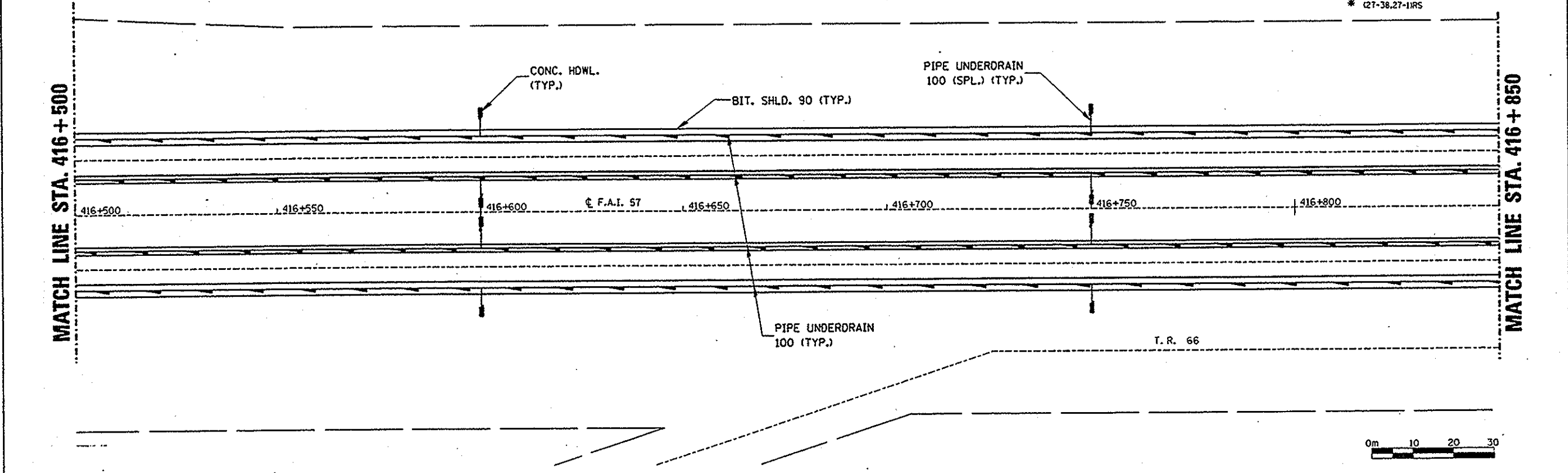
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	FORD	53	12
STA. 415+800		TO STA. 416+500		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (27-38.27-1RS)				



* REMOVED ENTIRE RUN REPLACED W/ NEW TYPE 1 (SPL), NEW TYPE 6 & 45.7m TYPE A RAIL

PLAN VIEW STA. 415+800 TO STA. 416+500

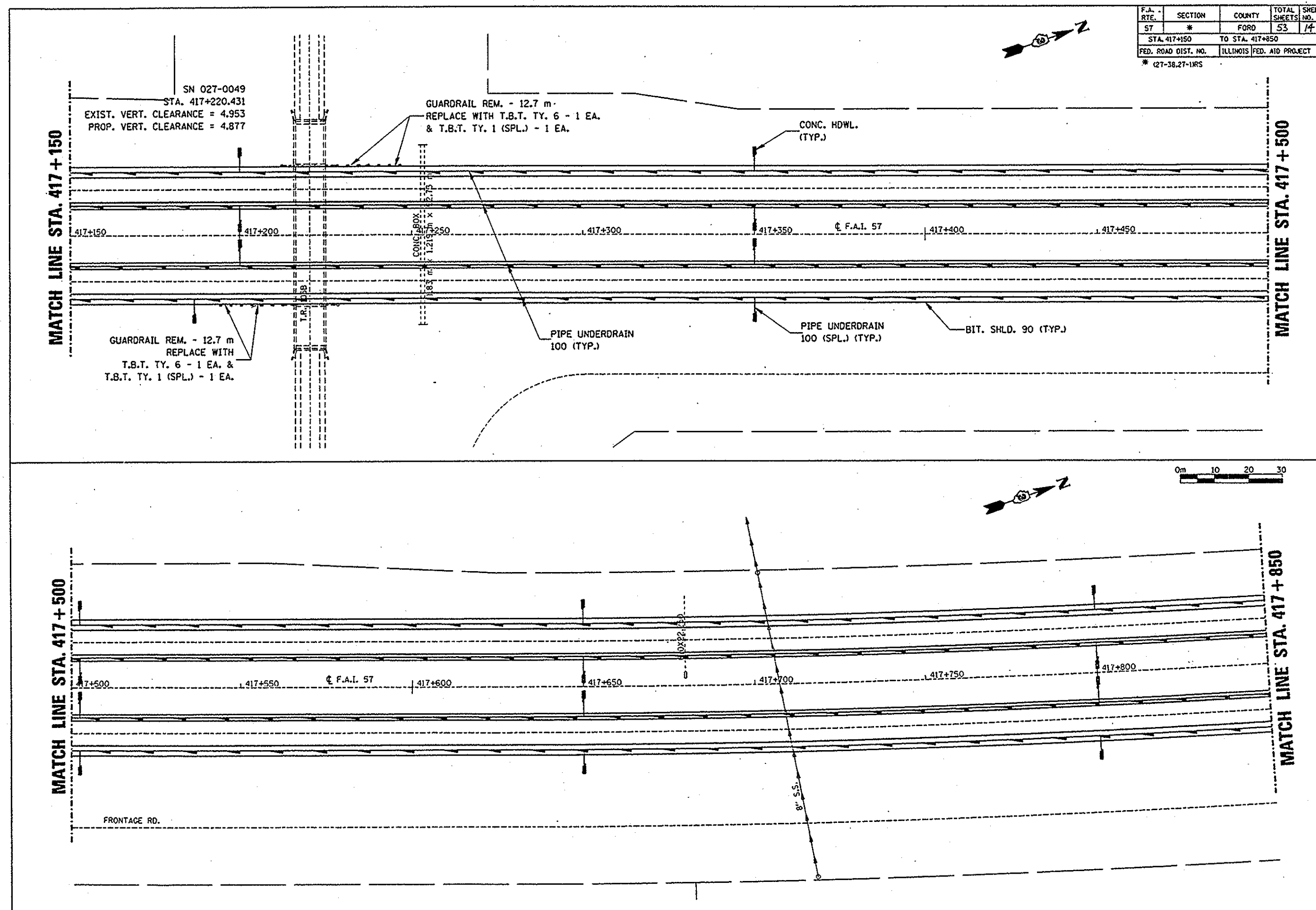
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	FORD	53	13
STA. 416+500		TO STA. 417+150		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* 027-38.27-1RS				



AUG. 21, 1997
SIMP-023971 SHEETS.DGN

PLAN VIEW STA. 416+500 TO STA. 417+150

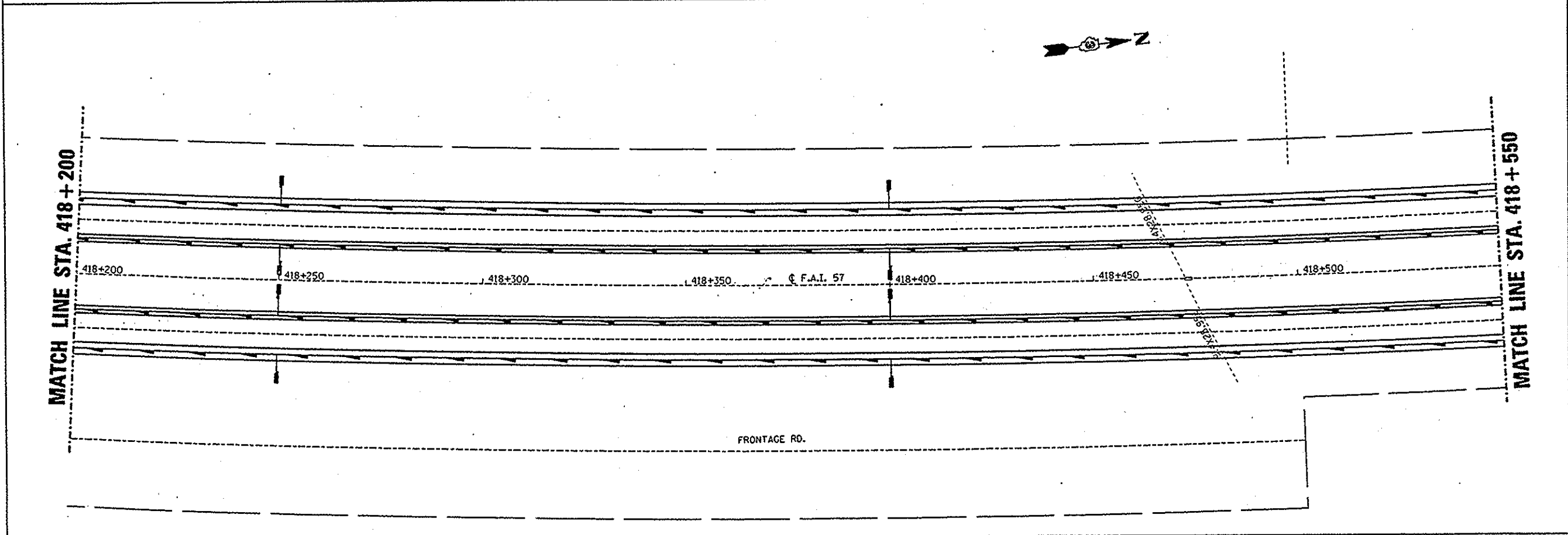
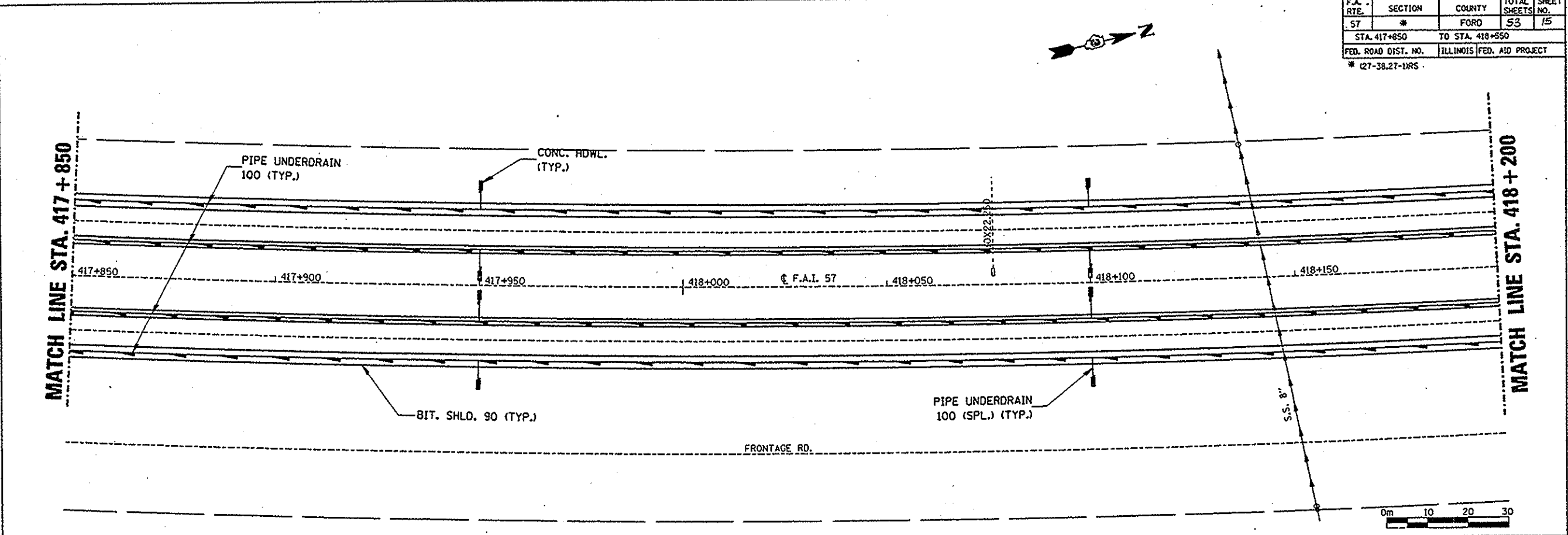
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ST	*	FORD	53	14
STA. 417+150		TO STA. 417+850		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (27-38-27-1)RS				



AUG. 26, 1997
 S:\UP023971 SHEETS.DGN

PLAN VIEW STA. 417+150 TO STA. 417+850

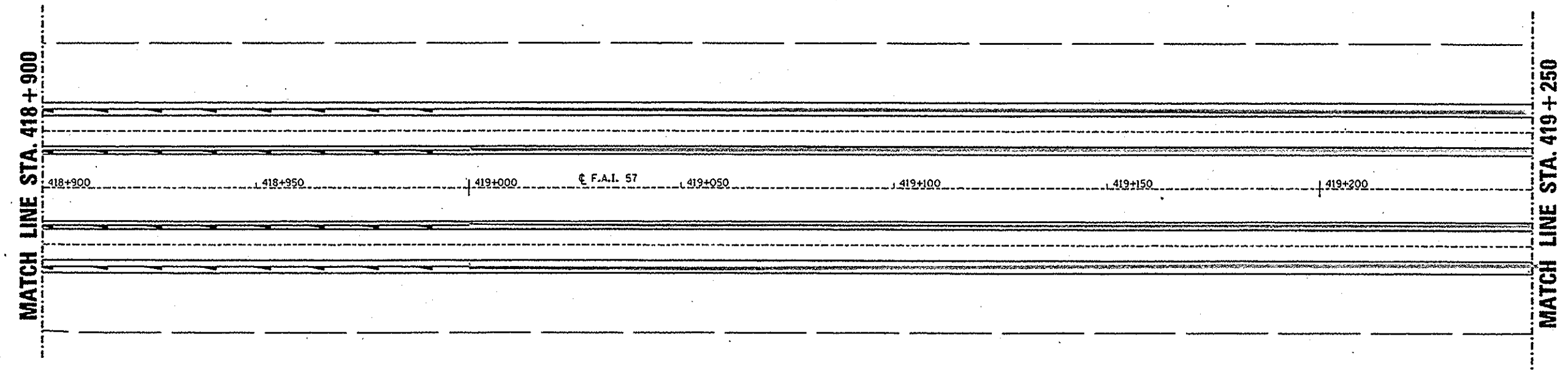
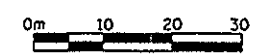
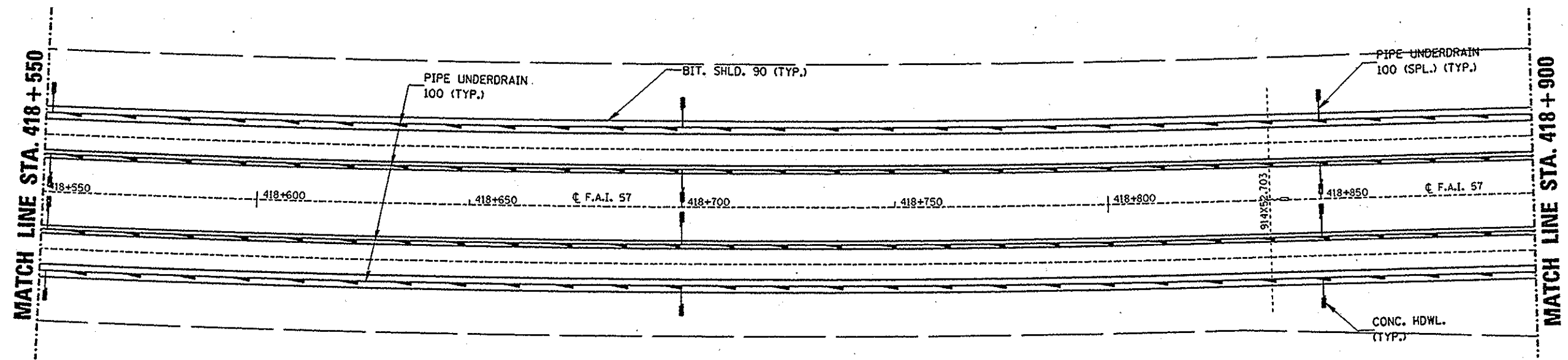
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	FORD	53	15
STA. 417+850		TO STA. 418+550		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* 27-38.27-URS .				



PLAN VIEW STA. 417+850 TO STA. 418+550

AUG. 26, 1997
5(MP02397) SHEETS.DGN

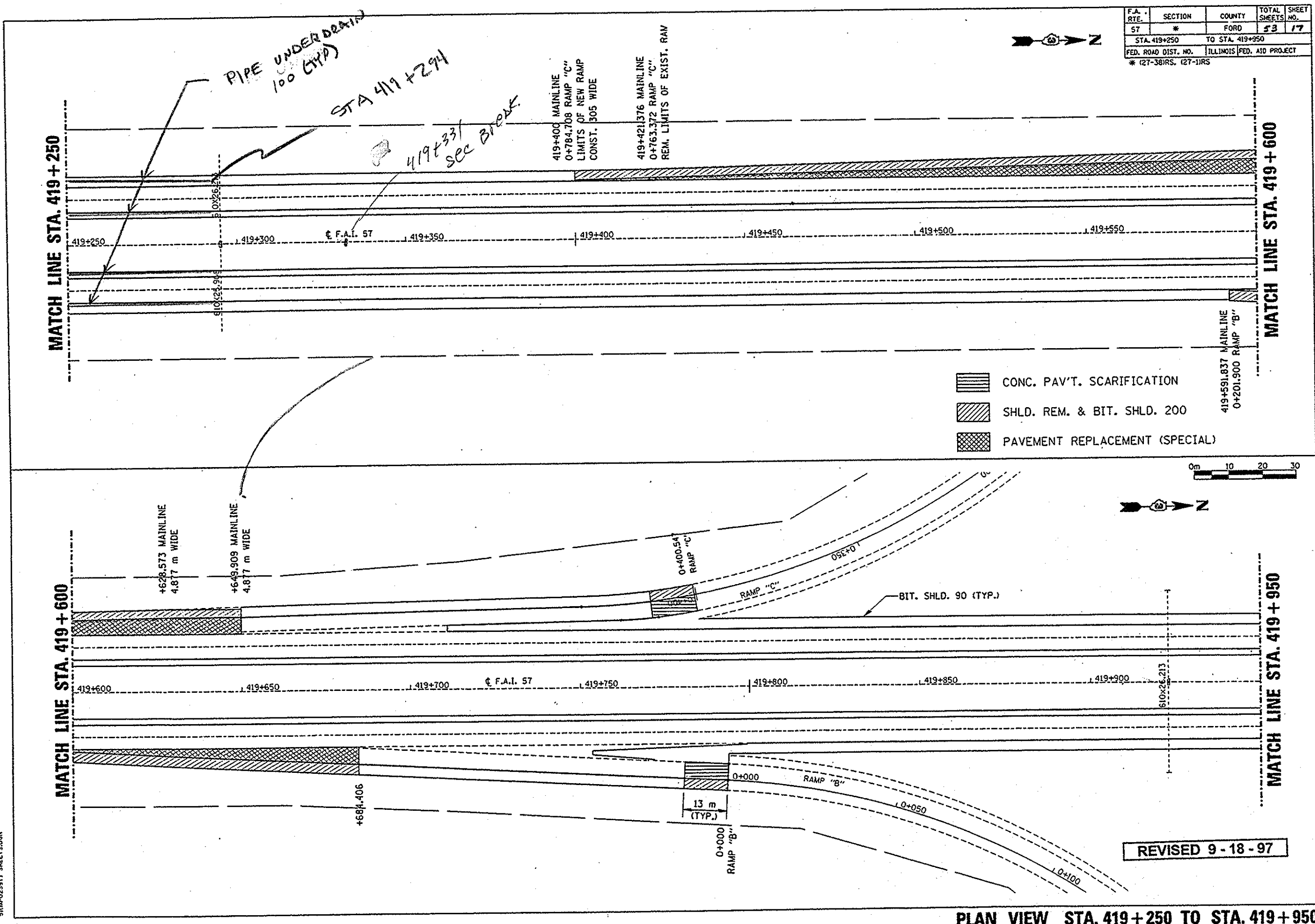
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	#	FORD	53	10
STA. 418+550		TO STA. 419+250		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* 027-38.27-1DRS				



AUG. 26, 1997
SHP-023971 SHEETS.DCH

PLAN VIEW STA. 418+550 TO STA. 419+250

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	FORD	53	17
STA. 419+250		TO STA. 419+950		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (27-38)RS, (27-1)RS				



PLAN VIEW STA. 419+250 TO STA. 419+950

SEPT. 19, 1997
SIMPSON SHEETS.DGN

MATCH LINE STA. 419+950

SN 027-0010
 STA. 420+120
 EXIST. VERT. CLEARANCE = 4.977 m
 PROP. VERT. CLEARANCE = 4.889 m

BIT. SHLD. 90 (TYP.)

FAI 57 STA. 420+120 =
 ILL 9 STA. 30+600.317

GUARDRAIL REM. - 3.175 m
 REPLACE WITH T.B.T.
 TY. 1 (SPL.) - 1 EA.

GUARDRAIL REM. - 3.175 m
 REPLACE WITH T.B.T.
 TY. 1 (SPL.) - 1 EA.

419+950 420+000 420+050 420+100 420+150 420+200 420+250

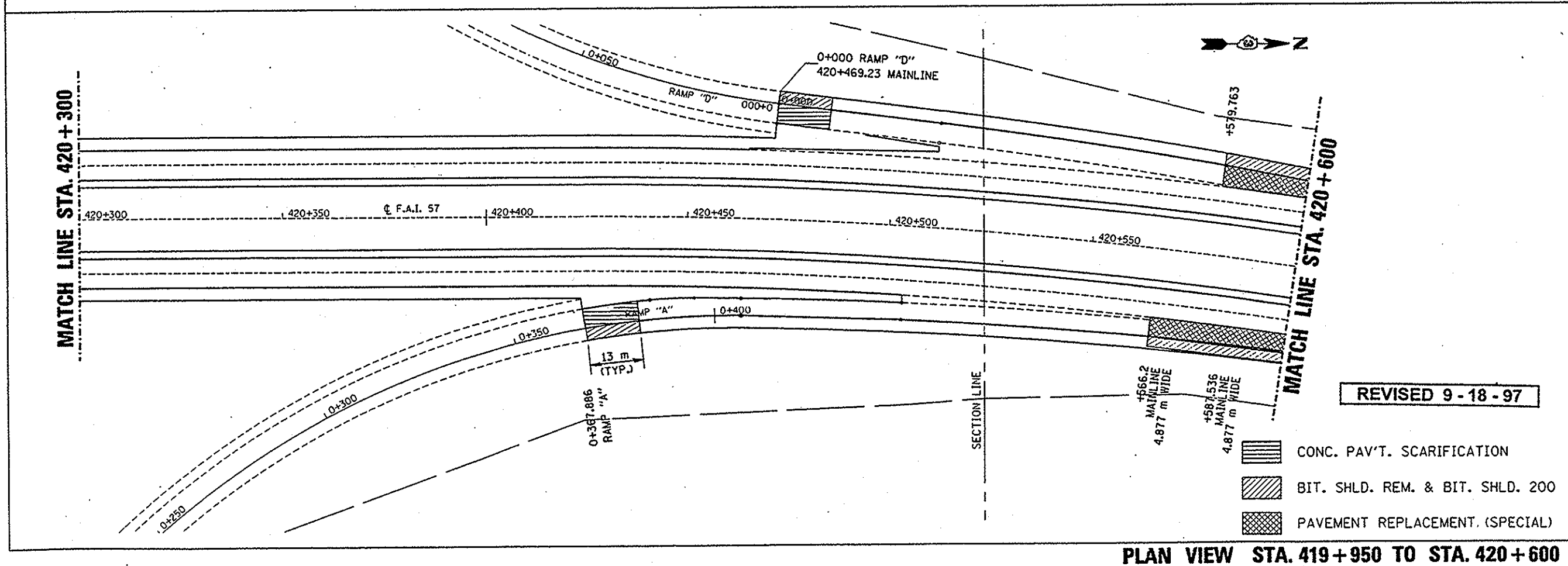
2" WATER MAIN

20' EASEMENT

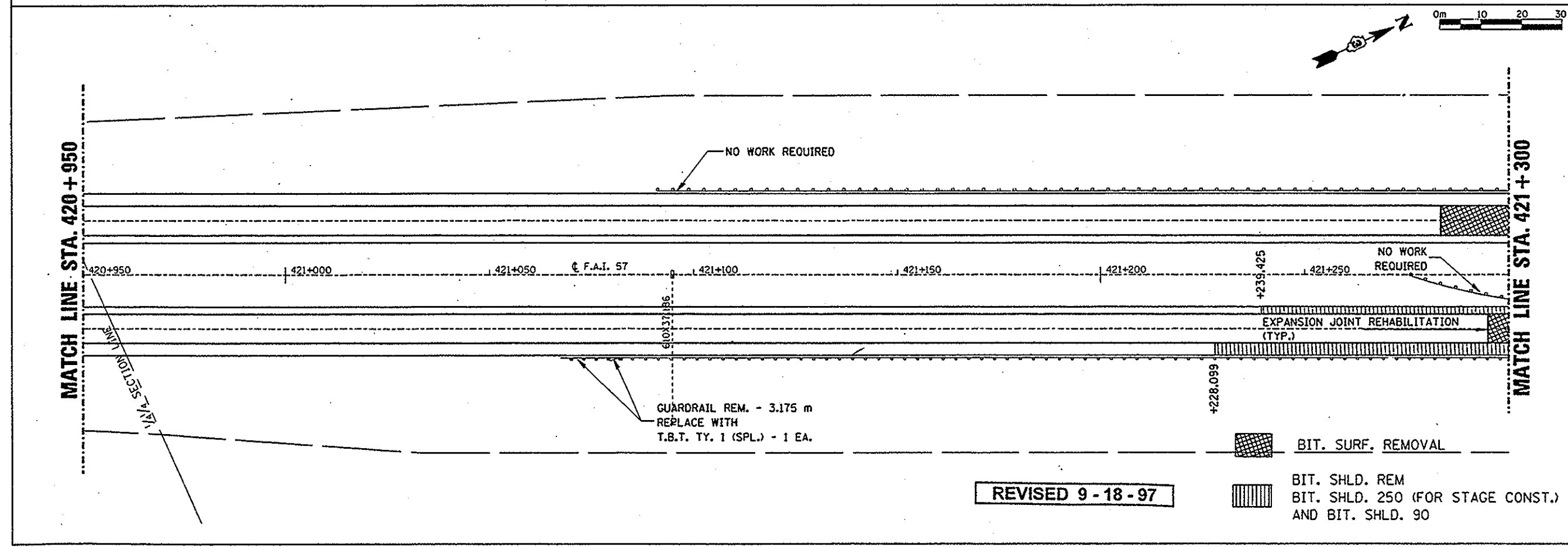
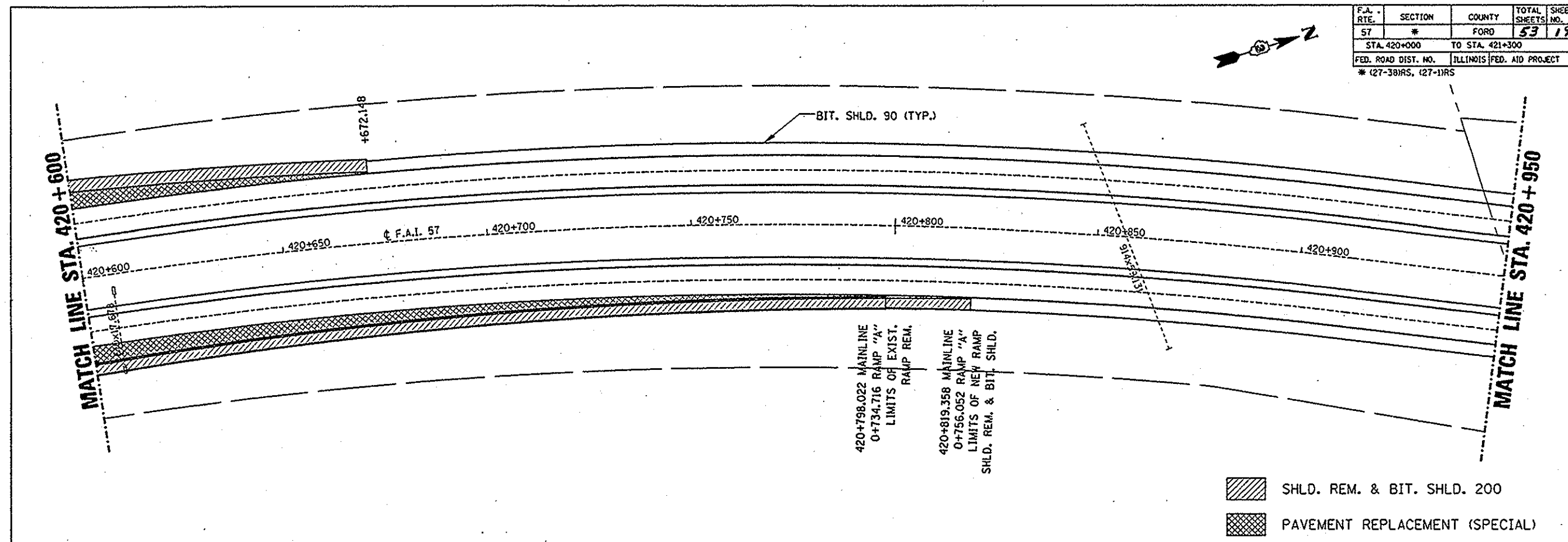
MATCH LINE STA. 420+300

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	FORD	53	18
STA. 419+950 TO STA. 420+000				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (27-38)RS, (27-1)RS				

0m 10 20 30



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	FORD	53	19
STA. 420+000		TO STA. 421+300		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (27-38)RS, (27-1)RS				

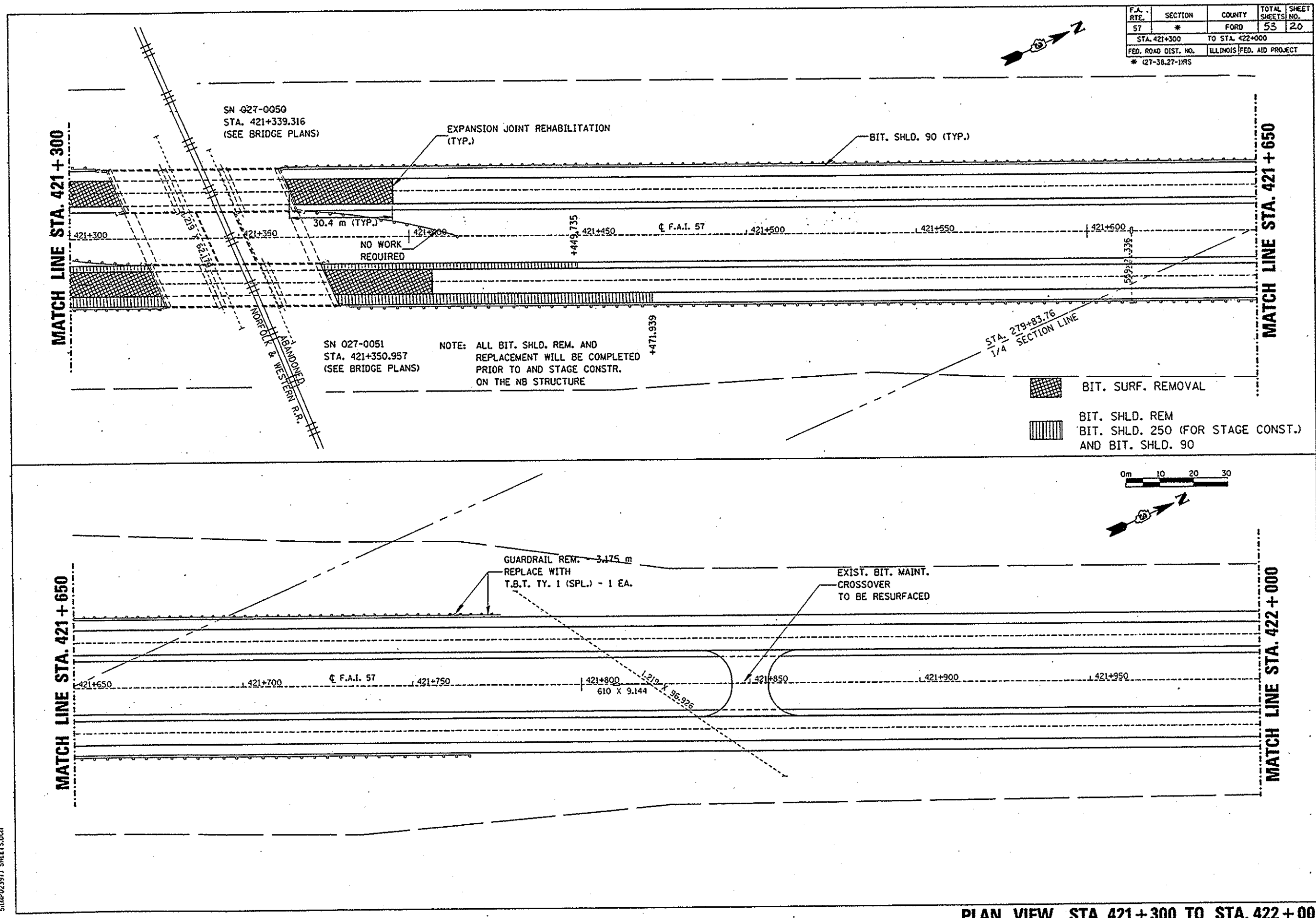


REVISED 9 - 18 - 97

PLAN VIEW STA. 420+600 TO STA. 421+300

SEPT. 19, 1997
S:\P023973 SHEETS.DCH

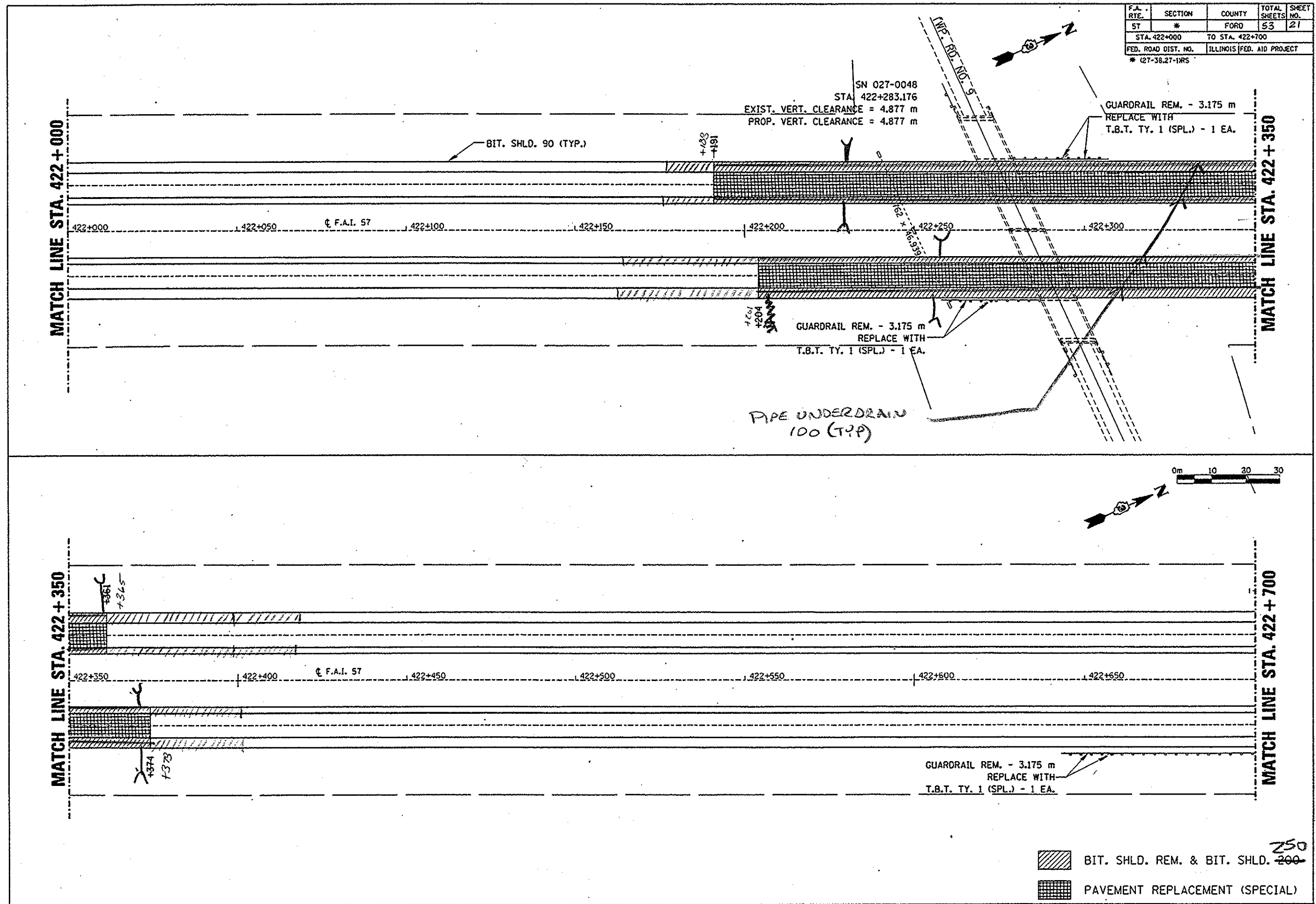
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	FORD	53	20
STA. 421+300		TO STA. 422+000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* 027-38.27-1/R5				



SEPT. 2, 1997
SUNP023971 SHEETS.DGN

PLAN VIEW STA. 421+300 TO STA. 422+00

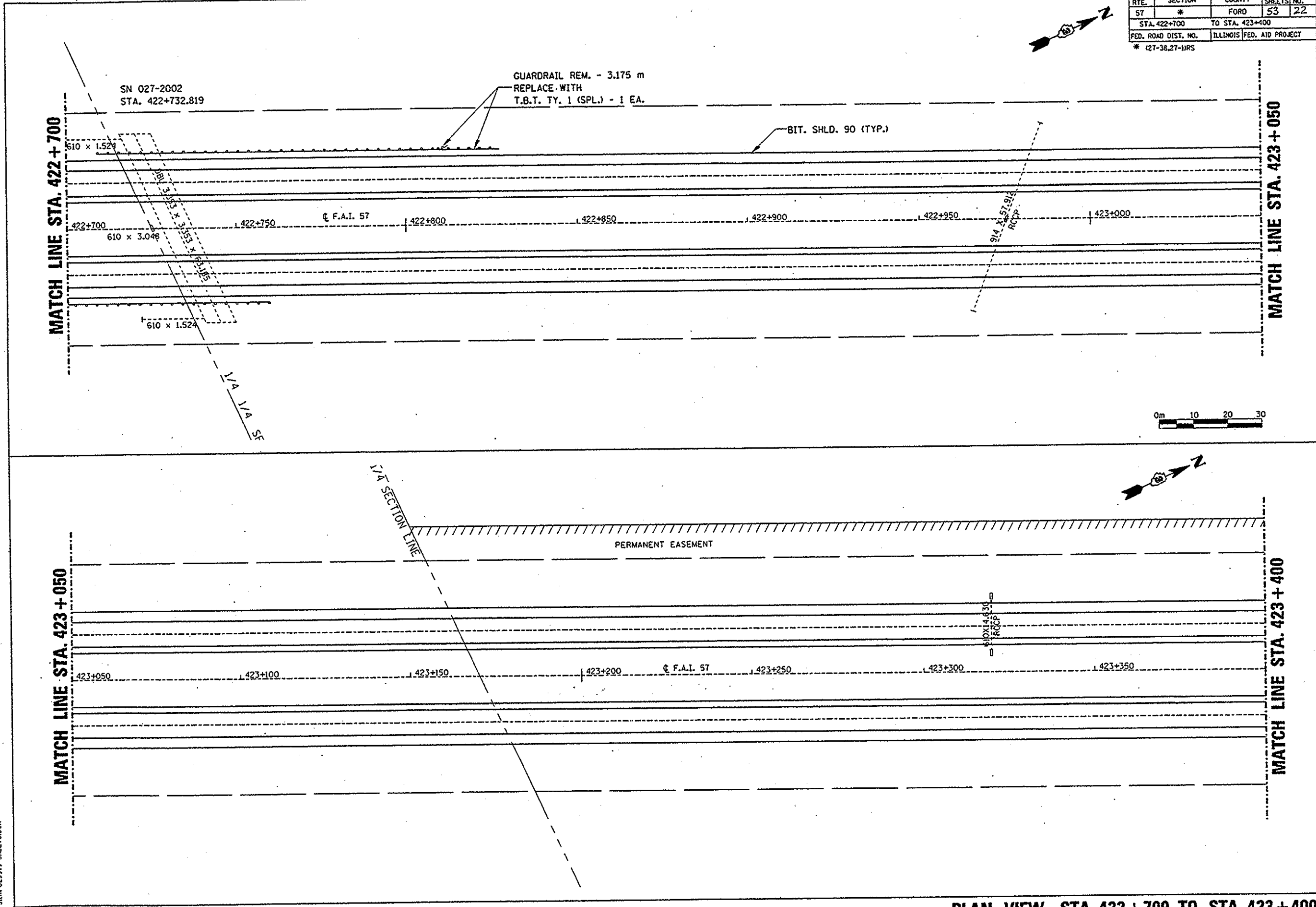
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5T	*	FORD	53	21
STA. 422+000		TO STA. 422+700		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (27-38.27-1NRS)				



AUG. 26, 1997
SIMP023971 SHEETS.DGN

PLAN VIEW STA. 422+000 TO STA. 422+700

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	FORD	53	22
STA. 422+700 TO STA. 423+400				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (27-38.27-1)RS				

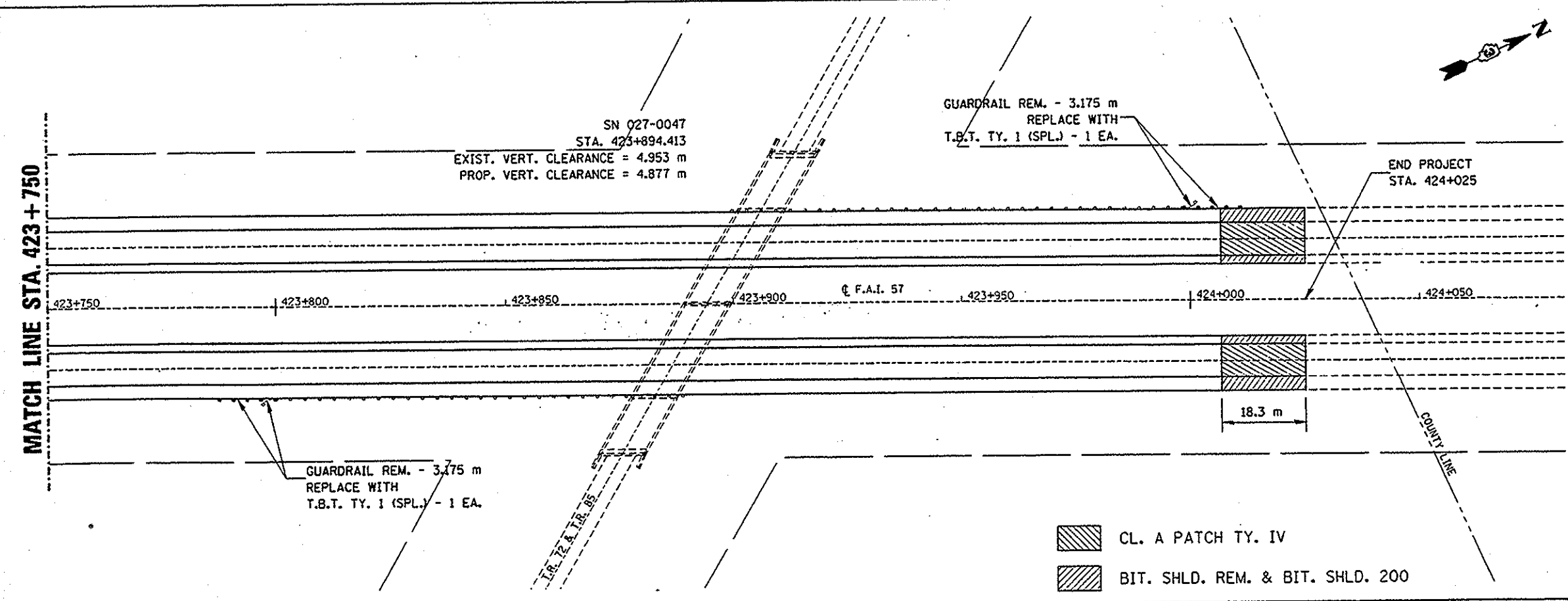
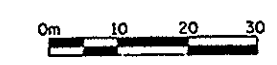
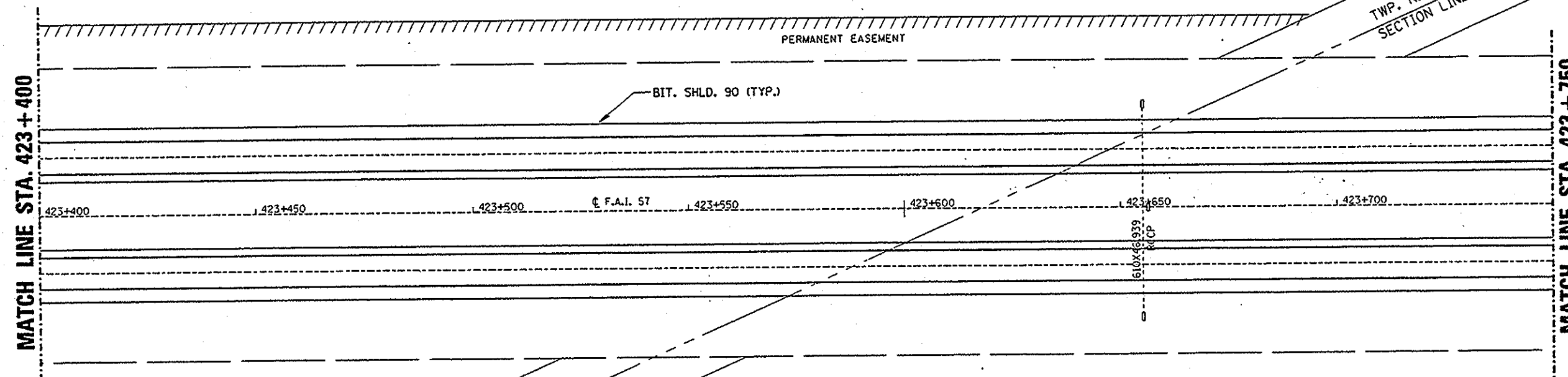


PLAN VIEW STA. 422+700 TO STA. 423+400

AUG. 26, 1997
510/P02397J SHEETS.DGN

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	FORD	53	23
STA. 423+400		TO STA. 424+025		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

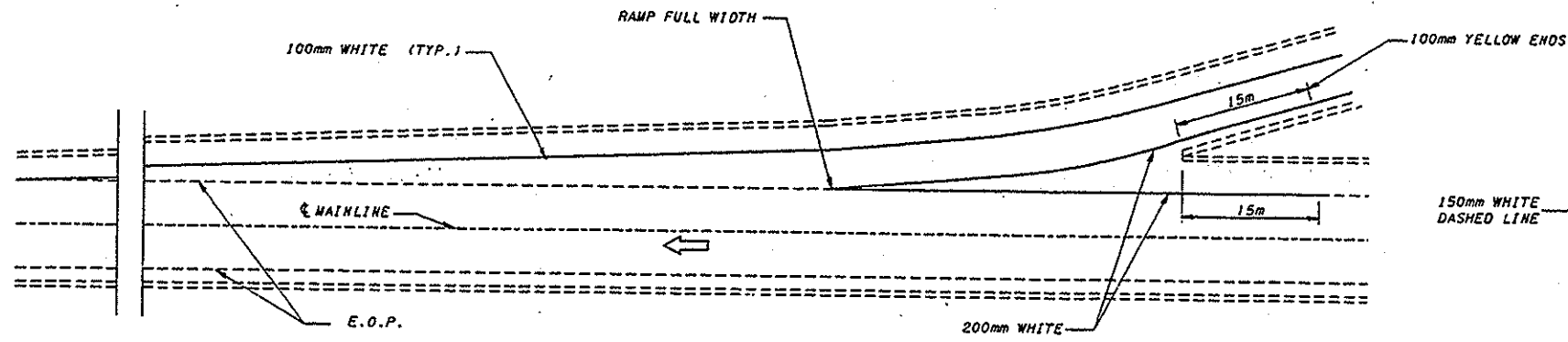
* 027-38.27-11RS
TWP. NO.



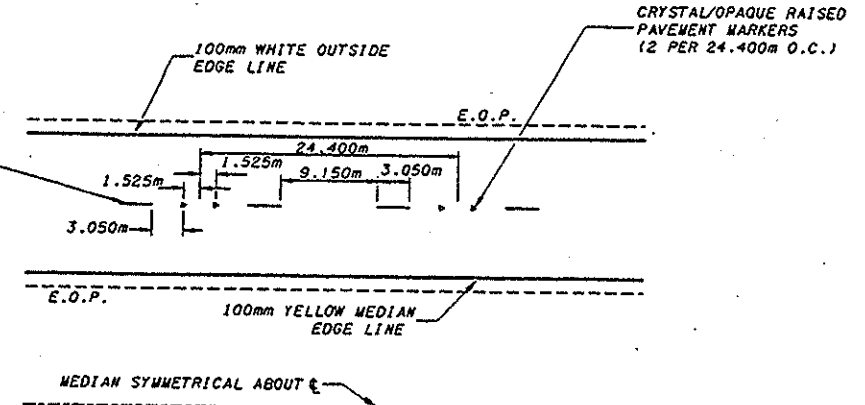
AUG. 26, 1997
S:\MP023971 SHEETS.DGN

PLAN VIEW STA. 423+400 TO STA. 424+050

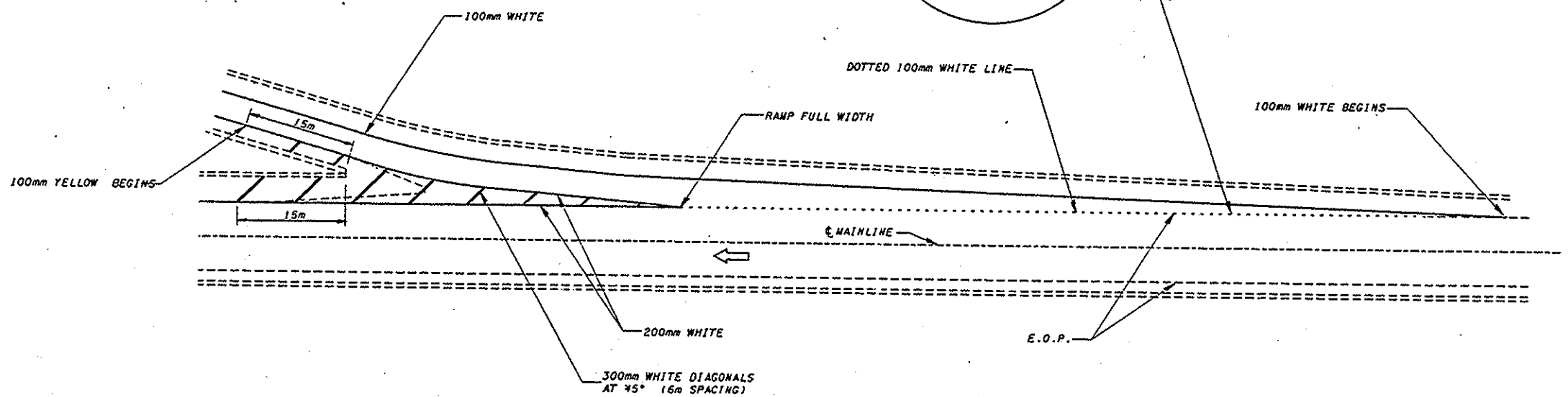
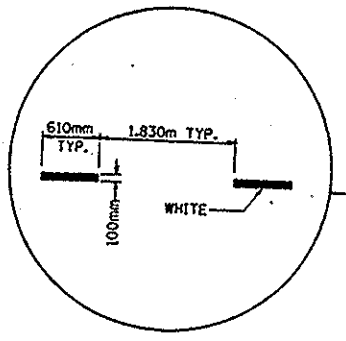
F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	27-38.27-1WS	FORD	53	24
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



TYPICAL PAVEMENT MARKING FOR ENTRANCE RAMP TERMINALS



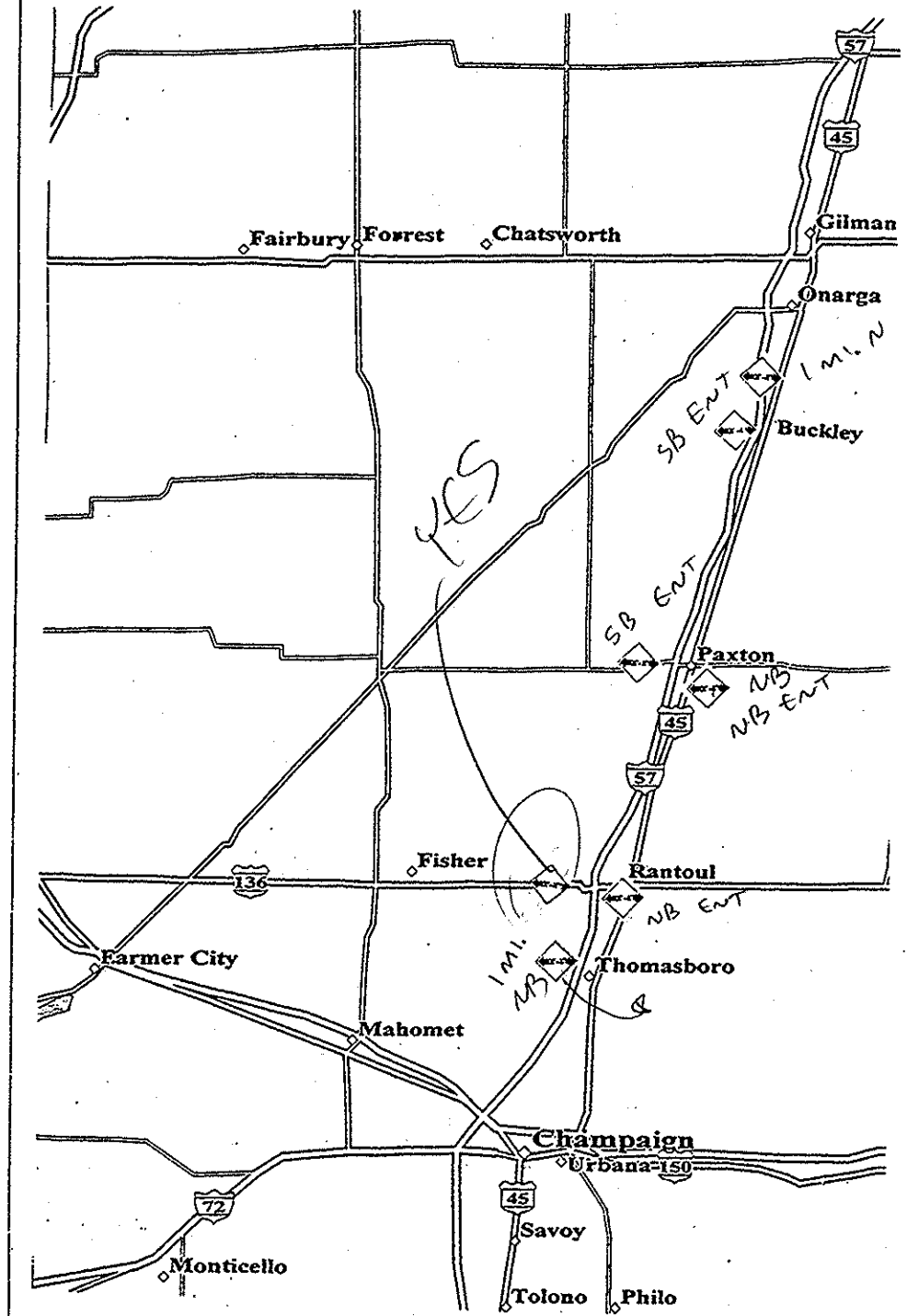
TYPICAL PAVEMENT MARKINGS



TYPICAL PAVEMENT MARKINGS FOR EXIT RAMP TERMINALS

JAN. 1997
[DETAILS] 700799.DGN
780-12

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	027-38.27-1RS	FORD	53	25
STA.		TO STA.		
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				



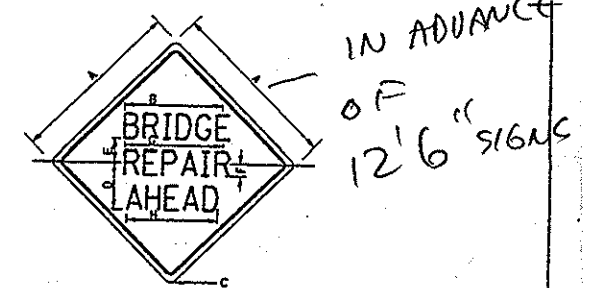
PLACEMENT OF WIDTH RESTRICTION SIGNS

- BUCKLEY INTERCHANGE:
 1) SIGNS WILL BE PLACED 1 MILE NORTH OF THE INTERCHANGE TO WARN THE I-57 SOUTHBOUND TRAFFIC OF THE WIDTH RESTRICTION
 2) SIGNS WILL BE PLACED AT THE SOUTHBOUND I-57 ENTRANCE RAMP ON BUCKLEY ROAD
- PAXTON (RTE 9) INTERCHANGE
 1) SIGNS WILL BE PLACED AT THE NORTHBOUND AND SOUTHBOUND I-57 ENTRANCE RAMP ON ILL. RTE 9
- RANTOUL INTERCHANGE
 1) SIGNS WILL BE PLACED 1 MILE SOUTH OF THE INTERCHANGE TO WARN THE I-57 NORTHBOUND TRAFFIC OF THE WIDTH RESTRICTION
 2) SIGNS WILL BE PLACED ON US 136 AT THE NORTHBOUND I-57 ENTRANCE RAMP

THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVAL OF THE WIDTH RESTRICTION SIGNS WILL BE INCLUDED IN THE PAY ITEM TRAFFIC CONTROL PROTECTION

701401

ILLINOIS STANDARD
W21-I102

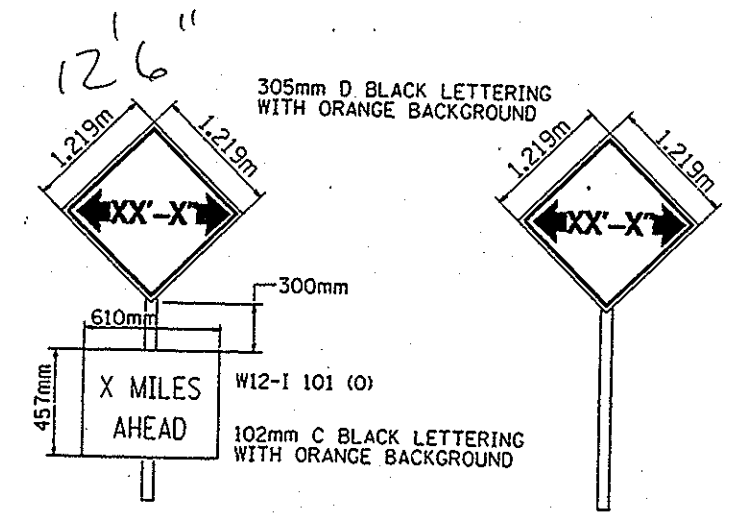


COLOR: LEGEND AND BORDER BLACK BACKGROUND ORANGE NON-REFLECTORIZED REFLECTORIZED

SIGN SIZE	DIMENSIONS							
	A	B	C	D	E	F	G	H
914 X 914	914	566	57	274	142	76	556	526
1.219m X 1.219m	660	76	368	191	89	648	612	

SIGN SIZE	SERIES LINES			MARGIN	BORDER	BLANK STD.
	1	2	3			
914 X 914	5C	5C	5C	15	20	B4-360
1.219m X 1.219m	7C	7C	7C	20	30	B4-480

ALL DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE NOTED.



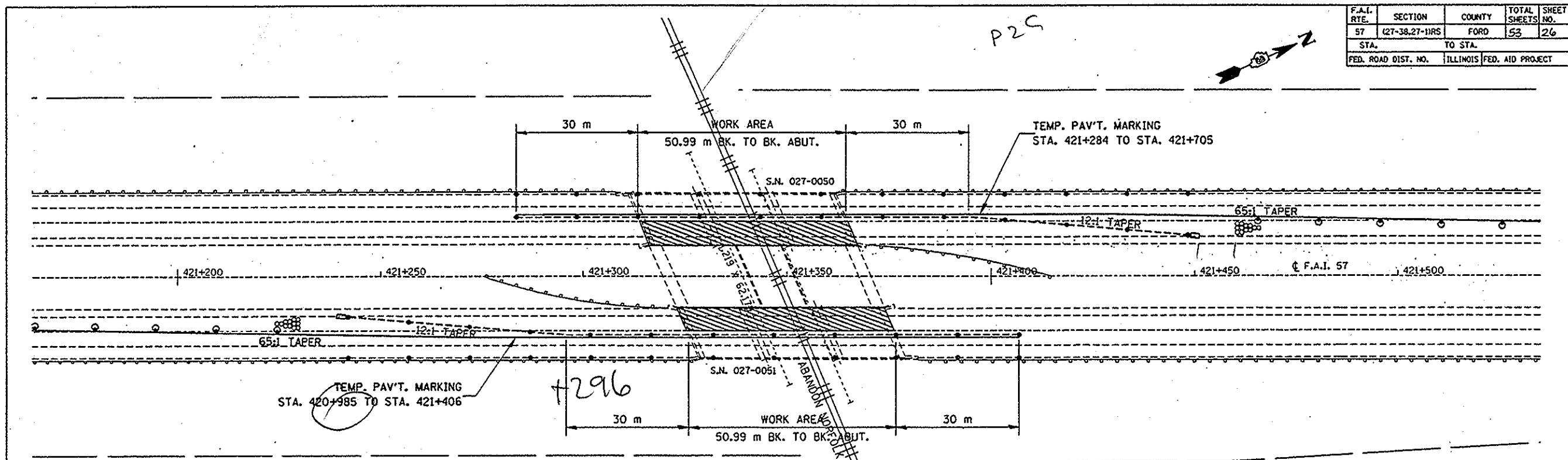
TO BE POST MOUNTED AS SHOWN ELSEWHERE IN THE PLANS.
 THE CONTRACTOR SHALL NOTIFY DISTRICT 3 BUREAU OF OPERATIONS 14 CALENDAR DAYS PRIOR TO INSTALLING ANY TRAFFIC CONTROL DEVICES THAT WILL RESTRICT THE PAVEMENT WIDTH.

INTERSTATE
WIDTH RESTRICTION SIGNING DETAILS

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
W.J.V.	11-12-95	DETAILS
DATE		DRAWN BY
		CHECKED BY

ILL. 11, 1995
DETAILS 9100-499.D01
226-2

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	027-38.27-11RS	FORD	53	26
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



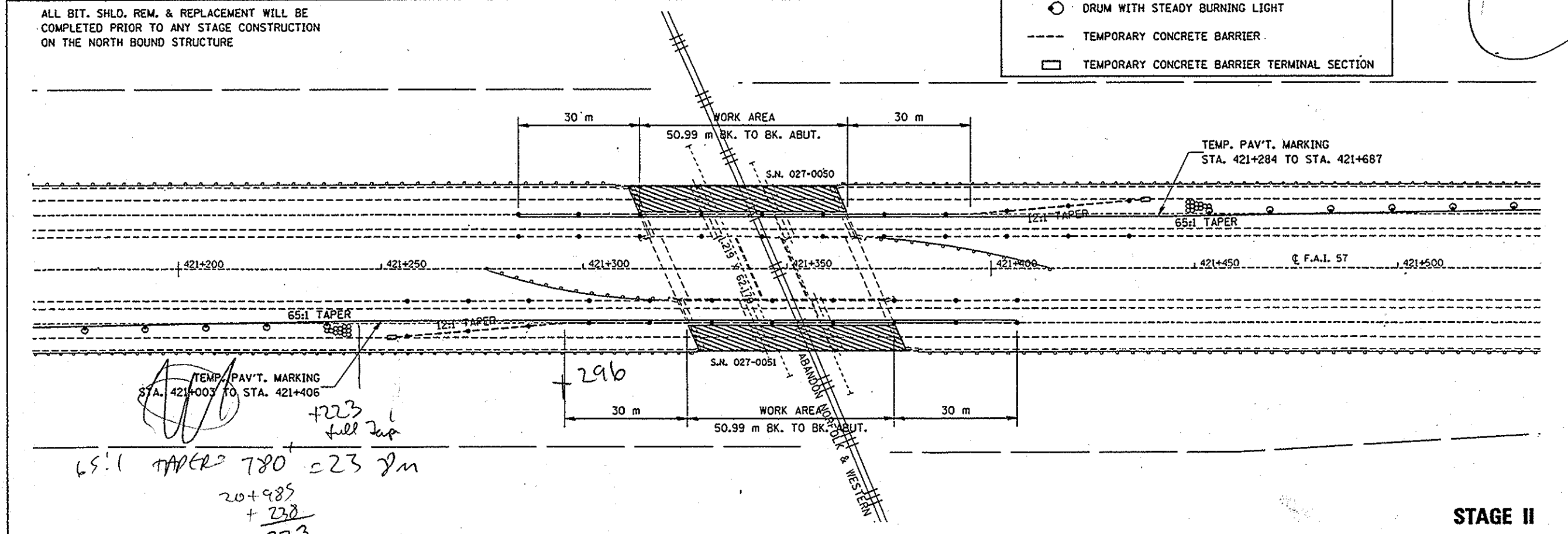
NOTES:

SEE STD. 701401 FOR ADDITIONAL INFORMATION AND DETAILS NOT SHOWN

ALL BIT. SHLD. REM. & REPLACEMENT WILL BE COMPLETED PRIOR TO ANY STAGE CONSTRUCTION ON THE NORTH BOUND STRUCTURE

- BI-DIRECTIONAL STEADY BURNING LIGHTS AND DOUBLE VERTICAL PANELS @ 15 m CTS.
- SAND MODULE IMPACT ATTENUATORS
- DRUM WITH STEADY BURNING LIGHT
- TEMPORARY CONCRETE BARRIER
- TEMPORARY CONCRETE BARRIER TERMINAL SECTION

STAGE I



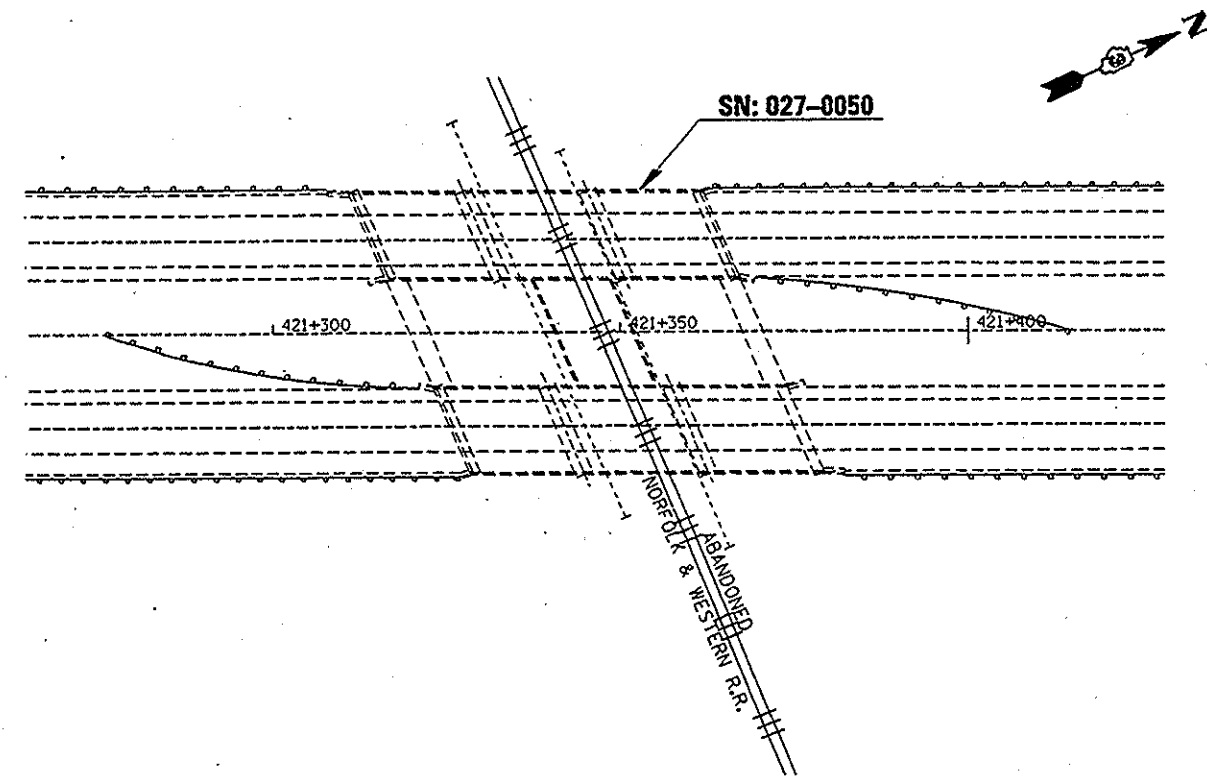
STAGE II

AUG. 21, 1997
ZFB5; (MPO2397) SHEETS.DGN
RRA & RRB

TEMP. PAV'T. MARKING
STA. 421+003 TO STA. 421+406
+223 full tap
65:1 TAPER 780' = 23 8m
20+985
+ 238
21+223

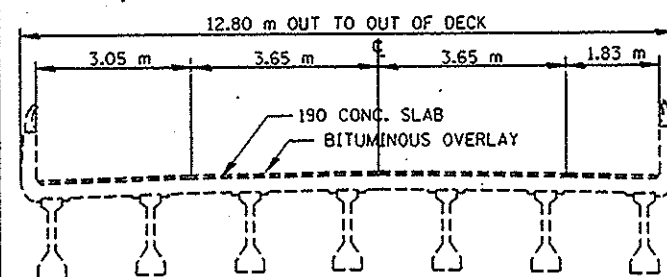
SN: 027-0050 & SN: 027-0051 STAGING DETAILS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	027-38.27-1HRS	FORD	53	27
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

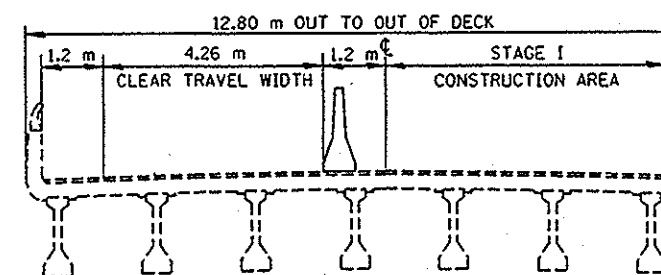


SN 027 - 0050						
BILL OF MATERIALS						
CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	DECK QUANTITY	N ABUT QUANTITY	S ABUT QUANTITY
M4402110	BITUMINOUS CONCRETE REMOVAL (DECK)	SQ M	591.6	591.6		
M5030710	FORMED CONCRETE REPAIR (DEPTH EQUAL TO LESS THAN 125MM)	SQ M	4.2		3.5	0.7
M5900100	EPOXY CRACK SEALING	METER	10.3		4.5	5.8
MZ006110	BRIDGE DECK MICROSILICA CONCRETE OVERLAY	SQ M	591.6	591.6		
MZ006200	BRIDGE DECK SCARIFICATION	SQ M	591.6	591.6		
MZ016001	DECK SLAB REPAIR (FULL DEPTH, TYPE I)	SQ M	10.1	10.1		
MZ016200	DECK SLAB REPAIR (PARTIAL)	SQ M	67	67		
* Z0015595	DECK DRAIN EXTENSIONS	EACH	32	32		

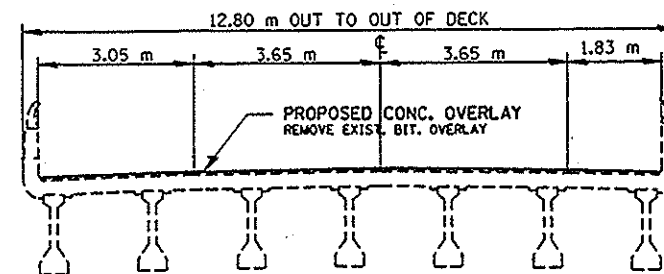
NOTE: 0.5 SQ M DECK SLAB REPAIR (PARTIAL) FOR EACH DECK DRAIN
 * FOR DETAILS SEE SHEET 53 OF 53



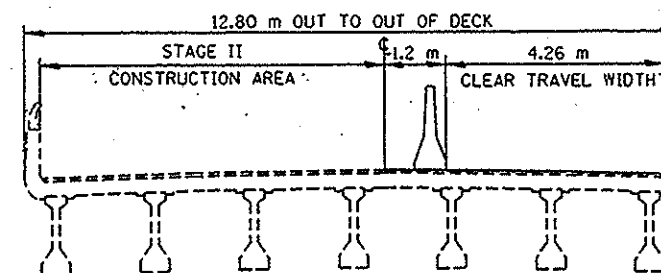
EXISTING TYPICAL SECTION



STAGE I

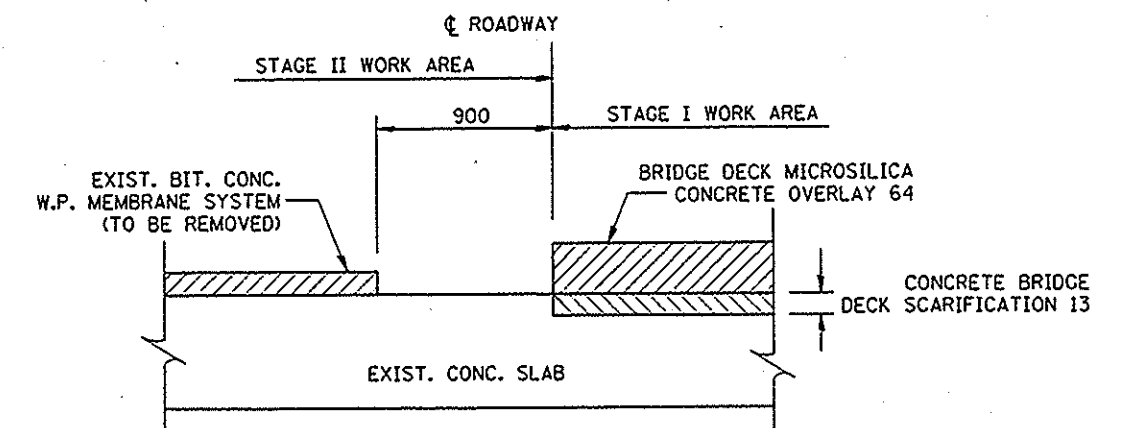


PROPOSED TYPICAL SECTION



STAGE II

STAGE CONSTRUCTION DIAGRAM



ALL DIMENSIONS ARE IN MILLIMETERS
 UNLESS OTHERWISE SHOWN.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE	PLAN VIEW & SUMMARY	
		SN: 027-0050	
		DRAWN BY	
		CHECKED BY	
		DATE	

AUG. 25, 1997
 ZFB5; IMP023971 DETAILS

JAN. 11, 1995
DETAILS 200499.0CH
220-2



Plan view of a bridge deck showing the layout of various components and their areas. The deck is divided into two main sections by a dashed line labeled "BRIDGE". The left section is labeled "SPAN 2" and the right section is labeled "PIER 2". The total width of the deck is 12.802m. The total length of the deck is 16.021m. The components and their areas are as follows:

- Span 2 components:
 - 4.5m²
 - 5.0m²
 - 1.0m²
 - 0.5m²
 - 0.1m²
 - 0.1
 - 10.5m²
 - 0.7m²
 - 1.2m²
 - 0.5m²
 - 1.5m²
- Pier 2 components:
 - 2.4m²
 - 0.2m²
 - 0.2m²
 - 0.1m²
 - 0.6m²
 - 1.0m²

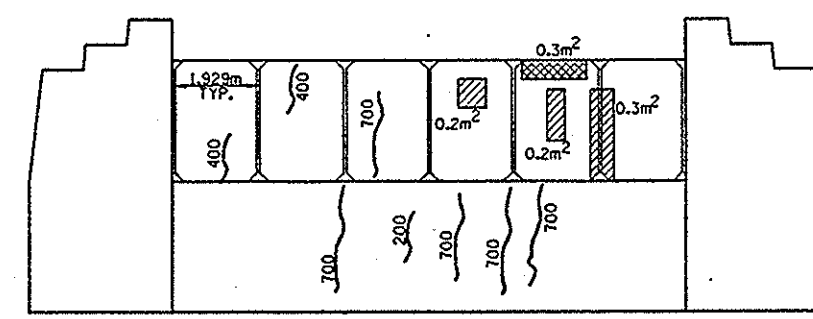
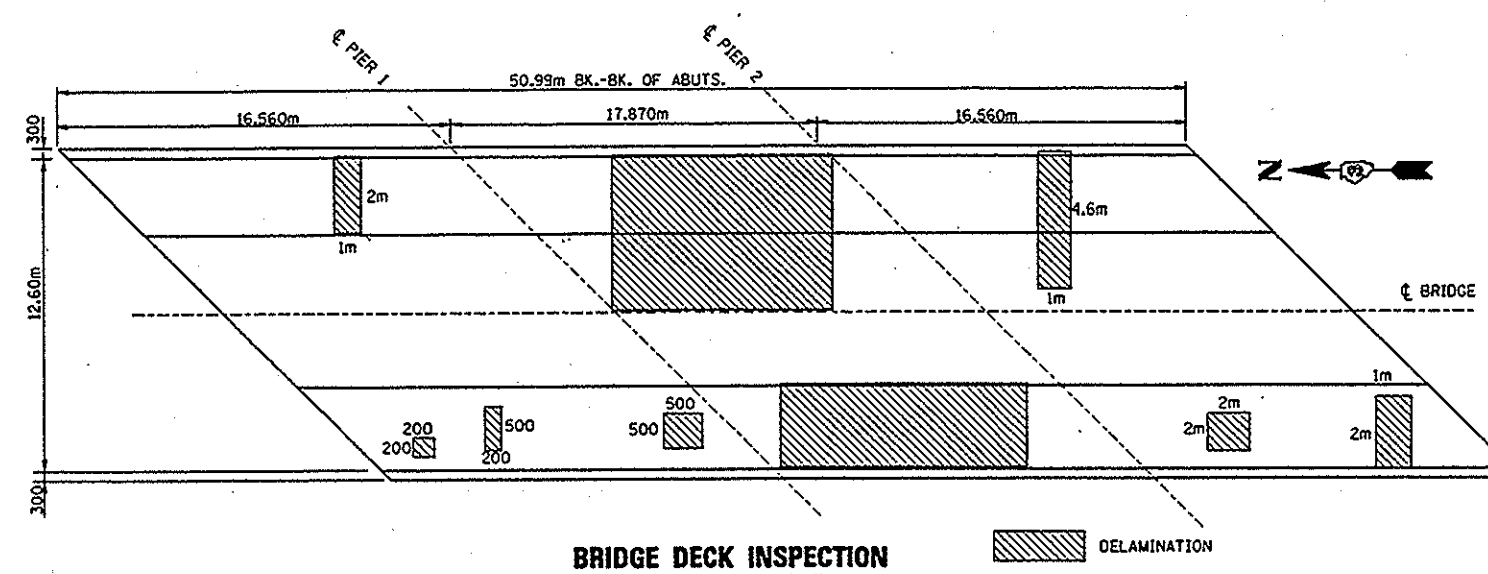
SOUTH HALF
DECK REPAIR PLAN

	NORTH HALF (SQ M)	SOUTH HALF (SQ M)	TOTAL DECK (SQ M)
FULL DEPTH REPAIR AREA	6.9	3.2	10.1
PARTIAL DEPTH REPAIR AREA	23.1	27.9	51.0
TOTAL REPAIR AREA	30.0	31.1	61.1
DECK AREA			638.9

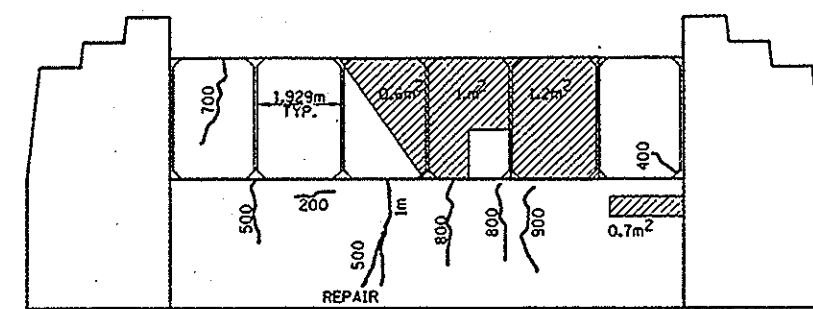
DECK SURVEY DATE: APRIL 15, 1997

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION S.N. 027-0050 DECK REPAIR PLAN
NAME	DATE	
M.V.F.	1-12-95	

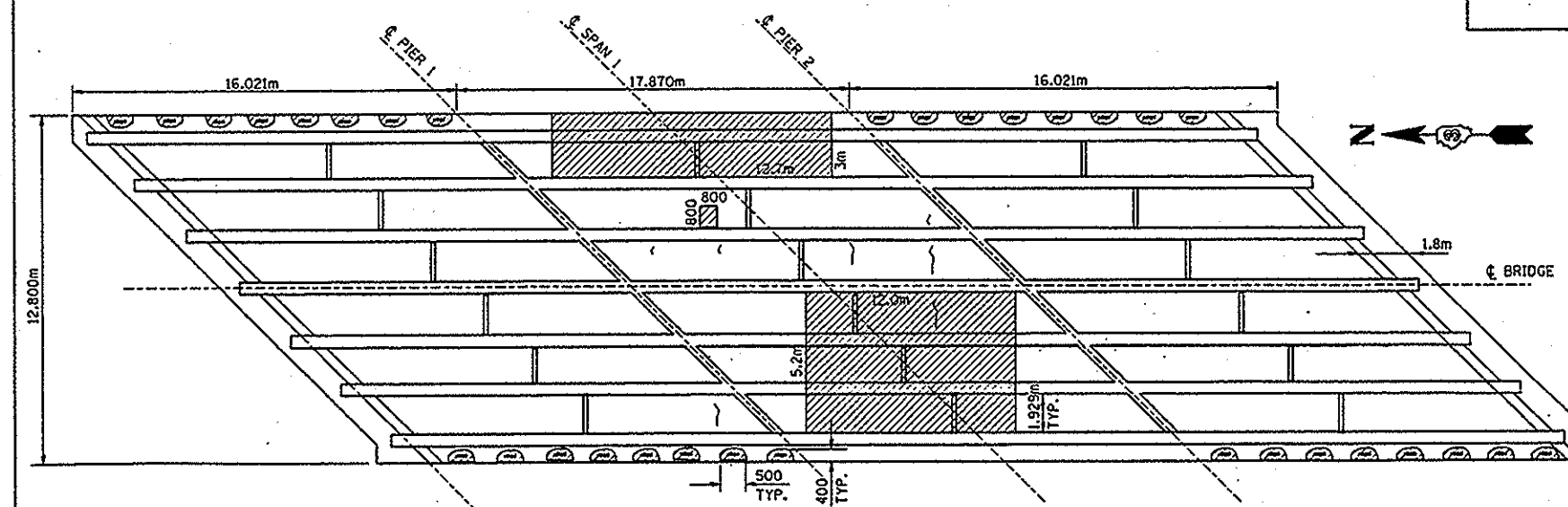
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHE NO.
57	027-38.27-1HS	FORD	53	29
STA.		TO STA.		
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				



- FORMED CONCRETE REPAIR ≤ 125mm
- PREVIOUS REPAIRS
- EPOXY CRACK SEALING



- FORMED CONCRETE REPAIR ≤ 125mm
- EPOXY CRACK SEALING



FLOOR DRAIN WITH ADJACENT DELAMINATION OR SPALLING (TYP.)
(INCLUDED WITH DECK SLAB REPAIR (PARTIAL))
CRACKS WITH EFFLORESCENCE (TYP.)

NOTES:
OTHER MINOR CRACKS AND POPOUTS THROUGHOUT
DISCOLORATION AND/OR SHALLOW DELAMINATION ON
PPC BEAMS BELOW DECK DRAINS (FLANGES & WEB)
DISCOLORATION MAY INDICATE LEACHING

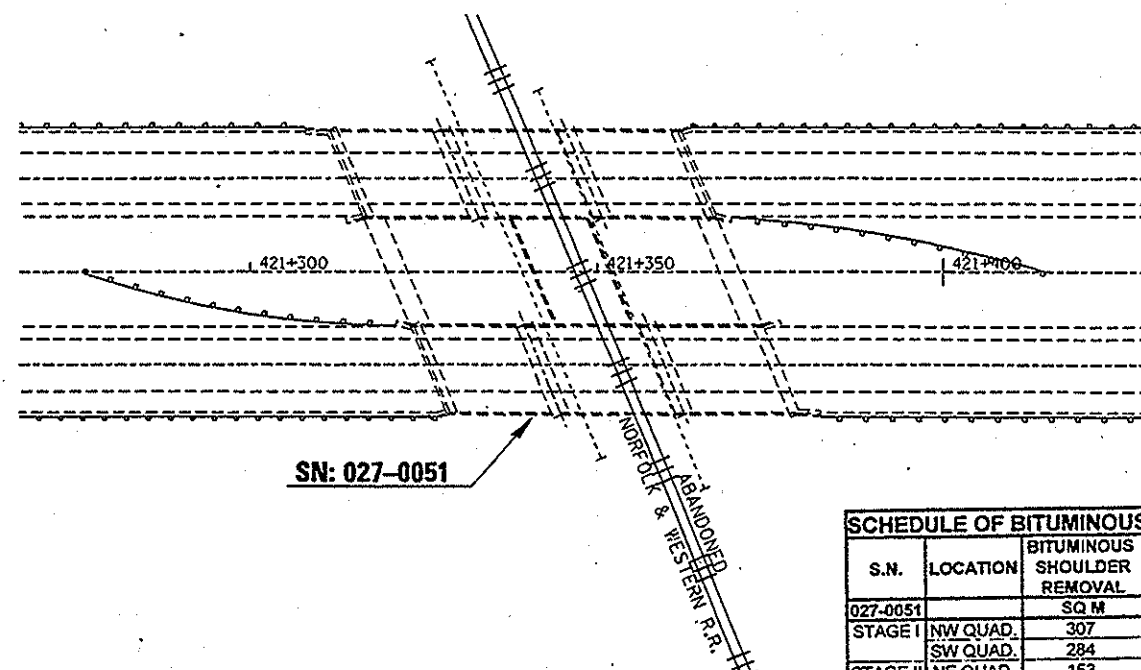
UNDERDECK SURVEY
S.N. 027-0050
INTERSTATE 57 (NB)
SECTION 27-1V8
FORD COUNTY

ALL DIMENSIONS ARE IN MILLIMETERS
UNLESS OTHERWISE SHOWN.

REVISIONS	
NAME	DATE
RG	8-20-97

ILLINOIS DEPARTMENT OF TRANSPORTATION
**STRUCTURE
NO. 027-0050**

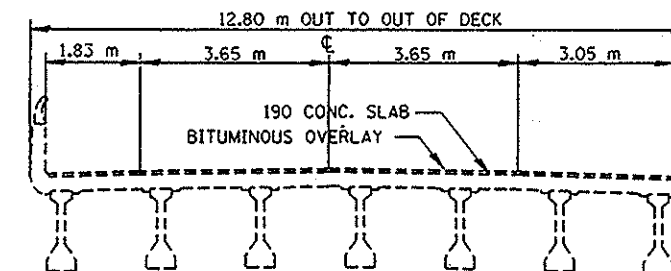
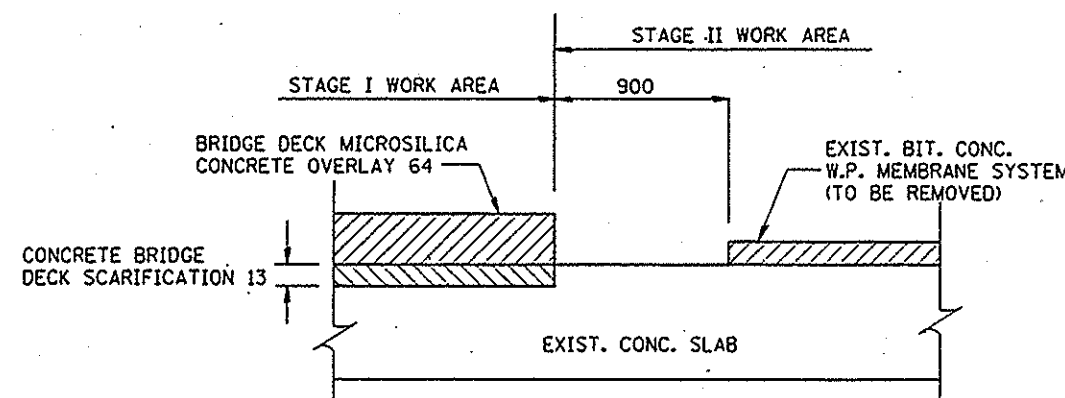
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS NO.	SHEET NO.
57	027-38.27-1RS	FORO	53	30
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



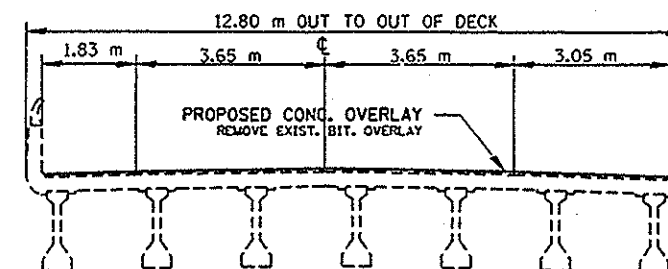
SCHEDULE OF BITUMINOUS SHOULDERS			
S.N.	LOCATION	BITUMINOUS SHOULDER REMOVAL	BITUMINOUS SHOULDERS 250mm
027-0051		SQ M	SQ M
STAGE I	NW QUAD.	307	307
	SW QUAD.	284	284
STAGE II	NE QUAD.	153	153
	SE QUAD.	140	140
TOTAL		884	884

SN 027-0051 BILL OF MATERIALS						
CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	DECK QUANTITY	N-ABUT QUANTITY	S-ABUT QUANTITY
M4402110	BITUMINOUS CONCRETE REMOVAL (DECK)	SQ M	639	639		
M4402120	BITUMINOUS CONCRETE SHOULDER REMOVAL	SQ M	884			
M4820250	BITUMINOUS SHOULDERS 250MM	SQ M	884			
M5010240	CONCRETE REMOVAL	CU M	22.5	22.5		
M5030030	PREFORMED JOINT SEAL 64MM	METER	27.7	27.7		
M5030360	CONCRETE SUPERSTRUCTURES	CU M	22.1	22.1		
M5030710	FORMED CONCRETE REPAIR (DEPTH EQUAL TO LESS THAN 125MM)	SQ M	5		2.1	2.9
M5050405	FURNISHING AND ERECTING STRUCTURAL STEEL	KG	2030	2030		
M5080205	REINFORCEMENT BAR, EPOXY COATED	KG	3363	3363		
M5900100	EPOXY CRACK SEALING	METER	7.4		3.7	3.7
M6610300	BITUMINOUS SHOULDER CURB	METER	186			
M2006110	BRIDGE DECK MICROFILICA CONCRETE OVERLAY	SQ M	591.6	591.6		
M2006200	BRIDGE DECK SCARIFICATION	SQ M	591.6	591.6		
M2016200	DECK SLAB REPAIR (PARTIAL)	SQ M	23.6	23.6		
Z0015595	DECK DRAIN EXTENSIONS	EACH	32	32		
Z0037400	BAR SPLICERS	EACH	48	48		
MX032196	POLYMER MODIFIED PORTLAND CEMENT MORTAR	SQ M	15	15		

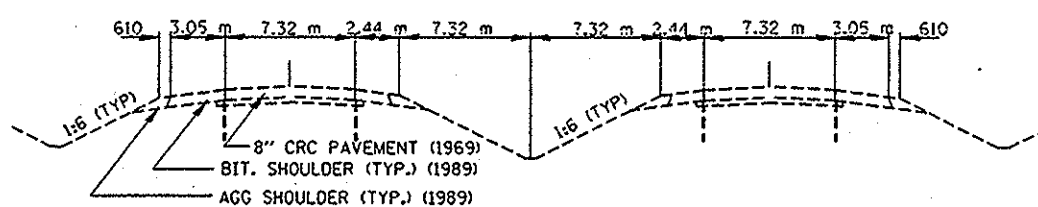
NOTE: 0.5 SQ M DECK SLAB REPAIR (PARTIAL) FOR EACH DECK DRAIN
 * FOR DETAILS SEE SHEET 53 OF 53



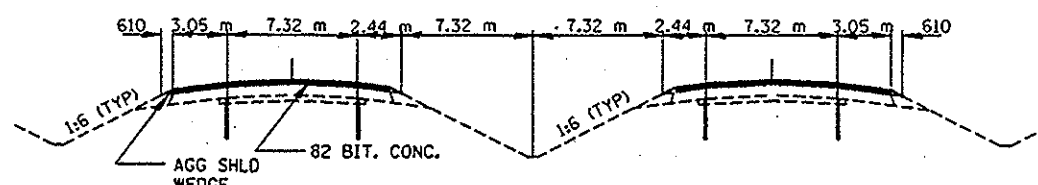
EXISTING TYPICAL SECTION



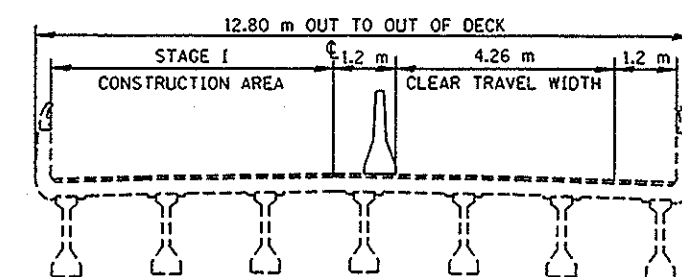
PROPOSED TYPICAL SECTION



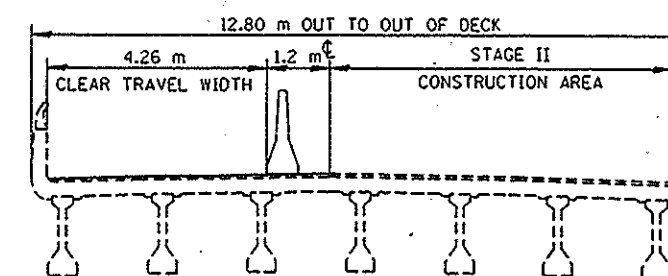
APPROACH ROADWAY
EXISTING TYPICAL SECTION



APPROACH ROADWAY
PROPOSED TYPICAL SECTION



STAGE I



STAGE II
STAGE CONSTRUCTION DIAGRAM

ALL DIMENSIONS ARE IN MILLIMETERS
UNLESS OTHERWISE SHOWN.

REVISIONS	
NAME	DATE

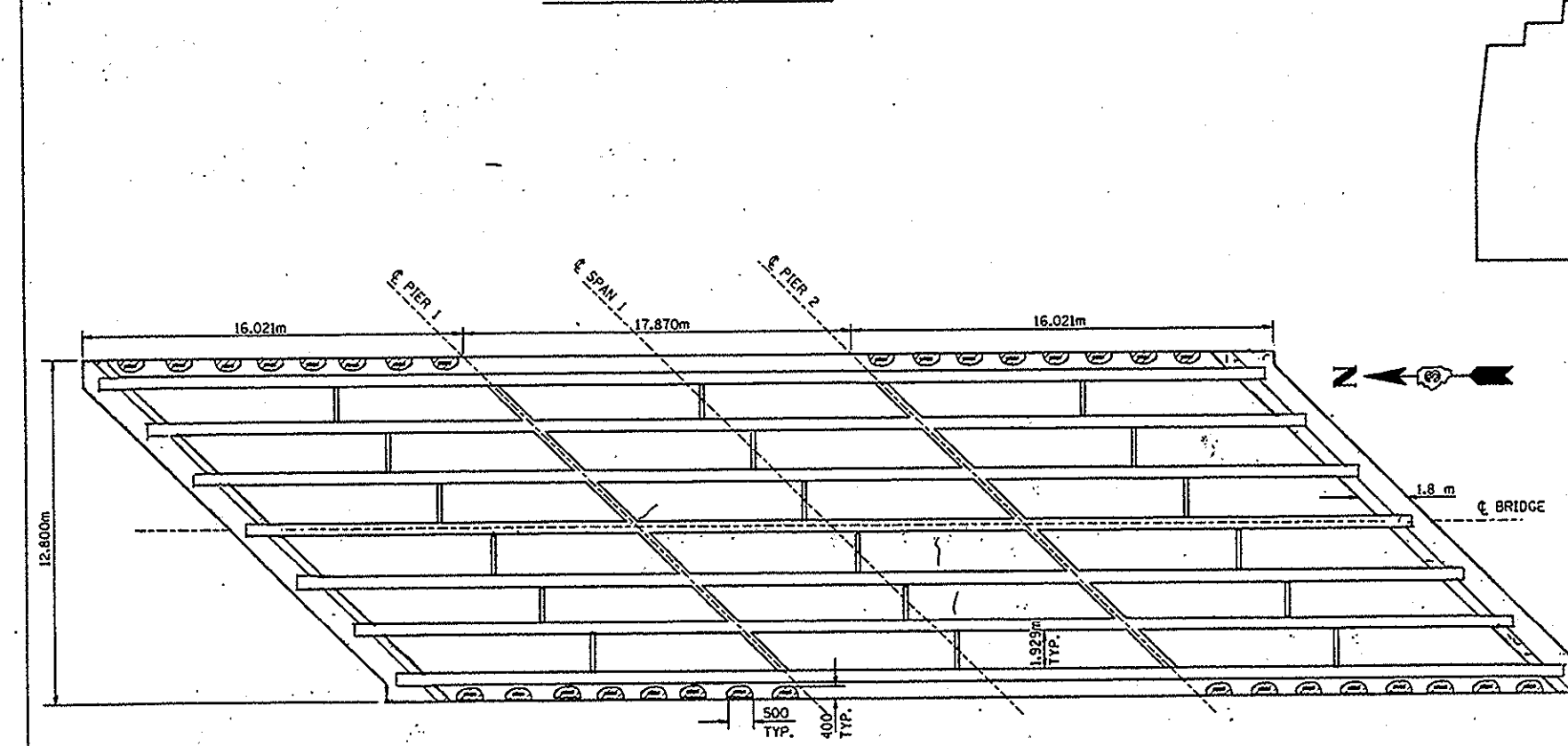
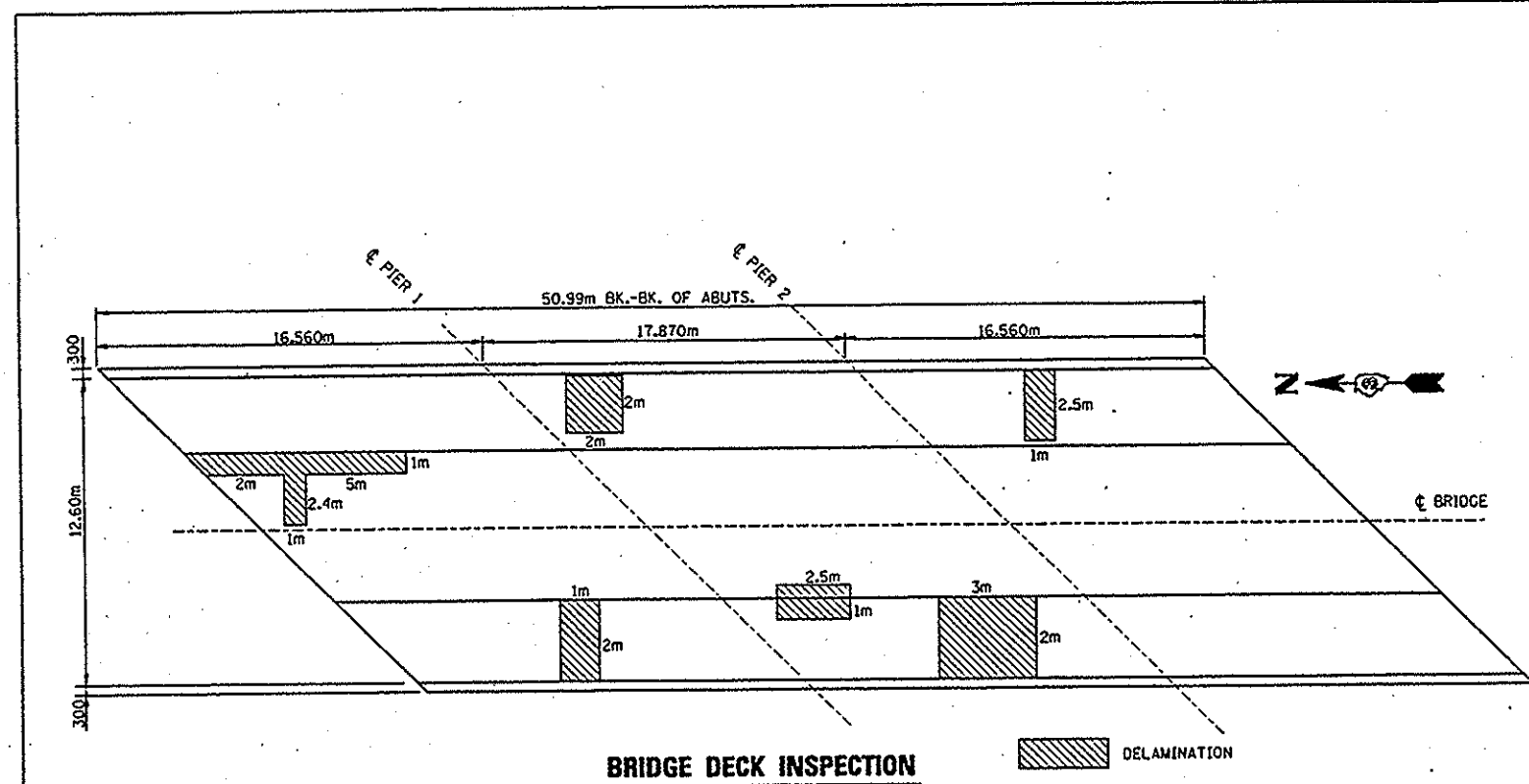
ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW & SUMMARY
SN: 027-0051
 DRAWN BY
 CHECKED BY
 DATE

AUG. 25, 1997
ZFB5: [MP02397] DETAILS

	NORTH HALF (SQ M)	SOUTH HALF (SQ M)	TOTAL DECK (SQ M)
FULL DEPTH REPAIR AREA	0.0	0.0	0.0
PARTIAL DEPTH REPAIR AREA	4.8	2.8	7.6
TOTAL REPAIR AREA	4.8	2.8	7.6
DECK AREA			638.9

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
M.T.T.	1-12-95	
		SN: 027-0051
		DRAWN BY
		CHECKED BY
	DATE	

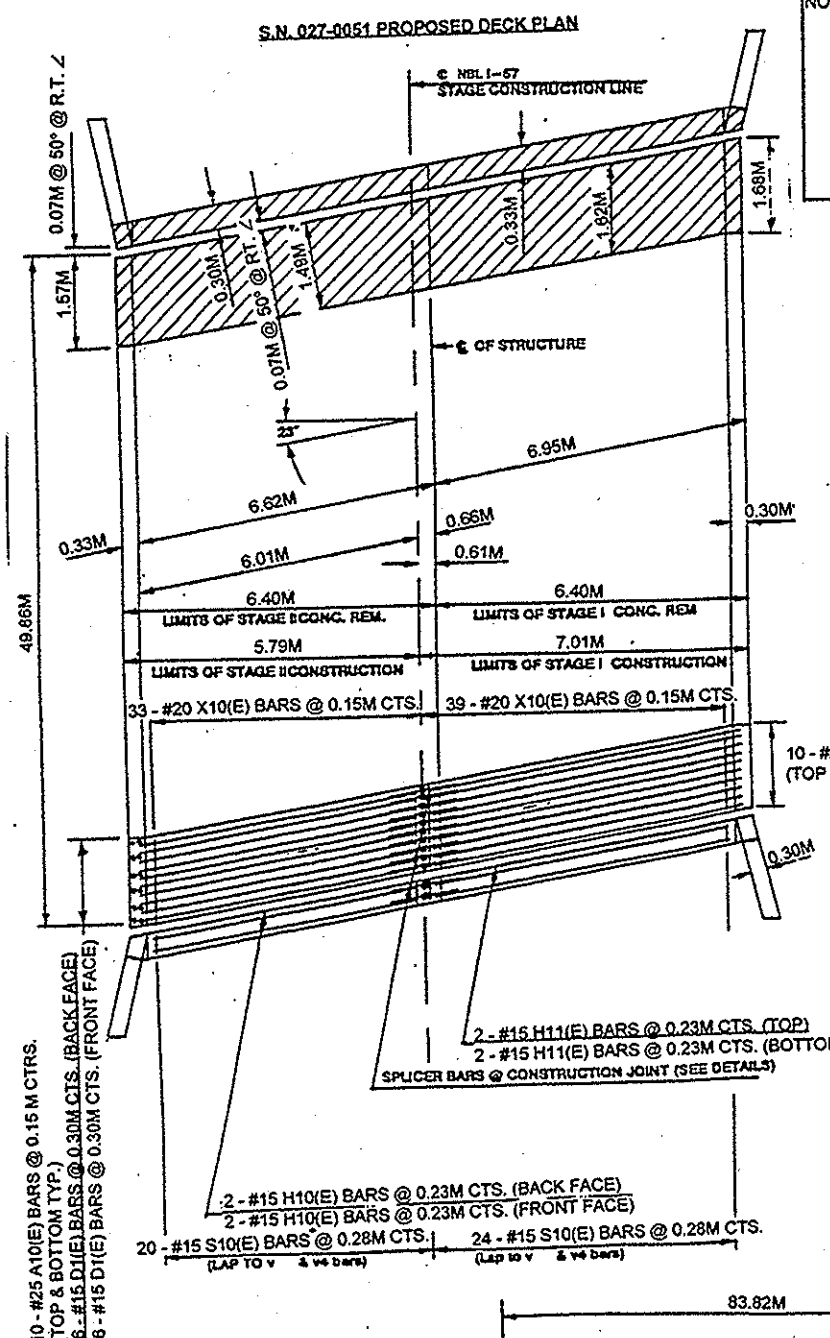
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	27-38,27-DRS	FORD	53	32
STA.		TO STA.		
FED. ROAD DIST. NO. 4		ILLINOIS FED. AID PROJECT		



AUG. 20, 1997

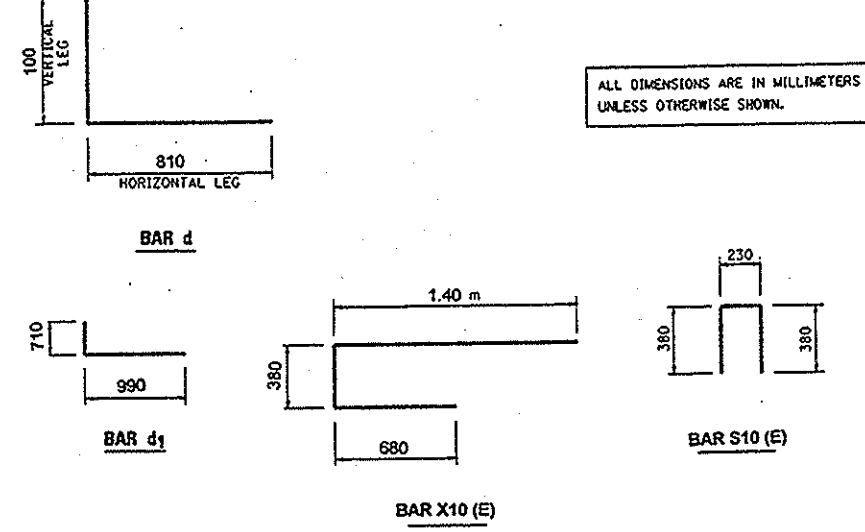
2685(IMP0237)DETAIL.S.DGN

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	027-38.27-11RS	FORD	53	33
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



NOTES: EXISTING a, d & d1 BARS IN PARAPETS SHALL BE REPLACED WITH C, D, D1 BARS. EXISTING LONGITUDINAL b & b1 BARS IN DECK ARE TO BE SALVAGED IN PLACE. EXISTING TRANSVERSE 20 mm DIA. THREADED RODS AT BEAM ENDS ARE TO BE SALVAGED IN PLACE. EXISTING VERTICAL v4 BARS IN ABUTMENTS SHALL BE SALVAGED IN PLACE. EXISTING HORIZONTAL & VERTICAL BARS IN WINGWALLS SHALL BE SALVAGED IN PLACE.

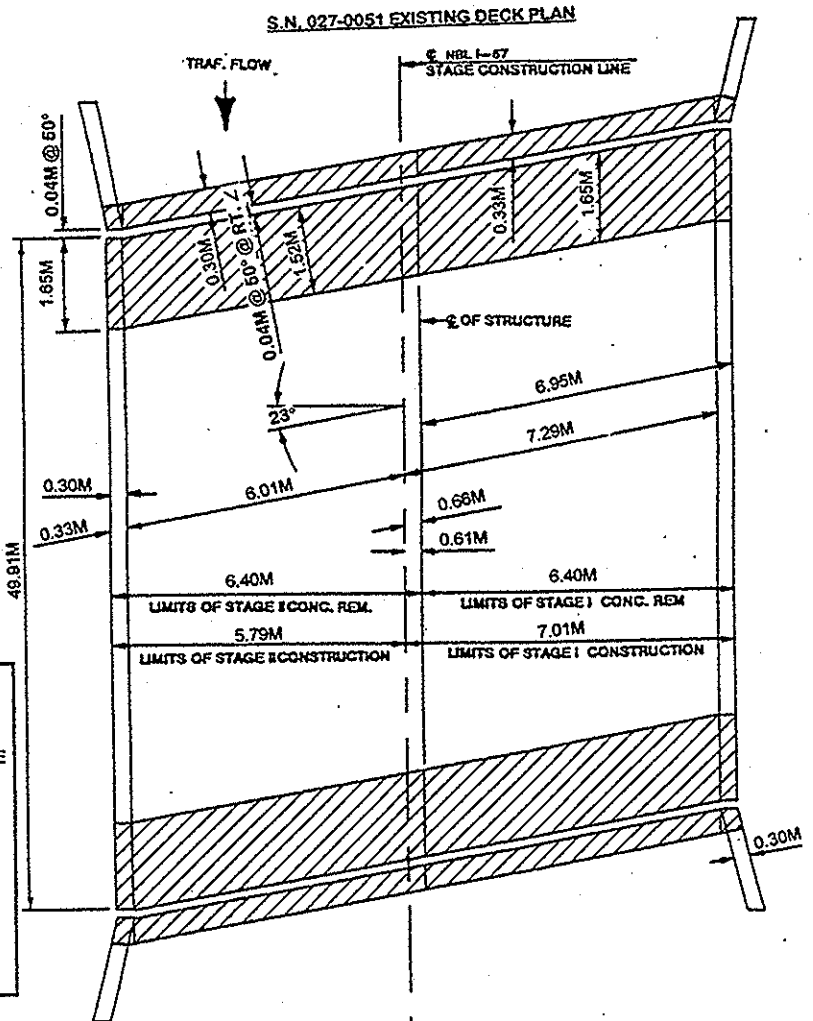
EXISTING #15V BARS AND ANY EXISTING REINFORCEMENT BARS, TO REMAIN IN PLACE, THAT ARE DAMAGED BY THE CONTRACTOR SHALL BE REPLACED BY THE CONTRACTOR IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 534 OF THE STANDARD SPECIFICATIONS. THE HOLES DRILLED SHALL BE 230 mm DEEP.



NOTES: THE LIMITS OF ALL CONCRETE REMOVAL SHALL BE SAW CUT 20 mm INTO CONCRETE THIS SHALL INCLUDE BOTTOM OF DECK AND FACE & SIDES OF WINGWALLS & PARAPETS.

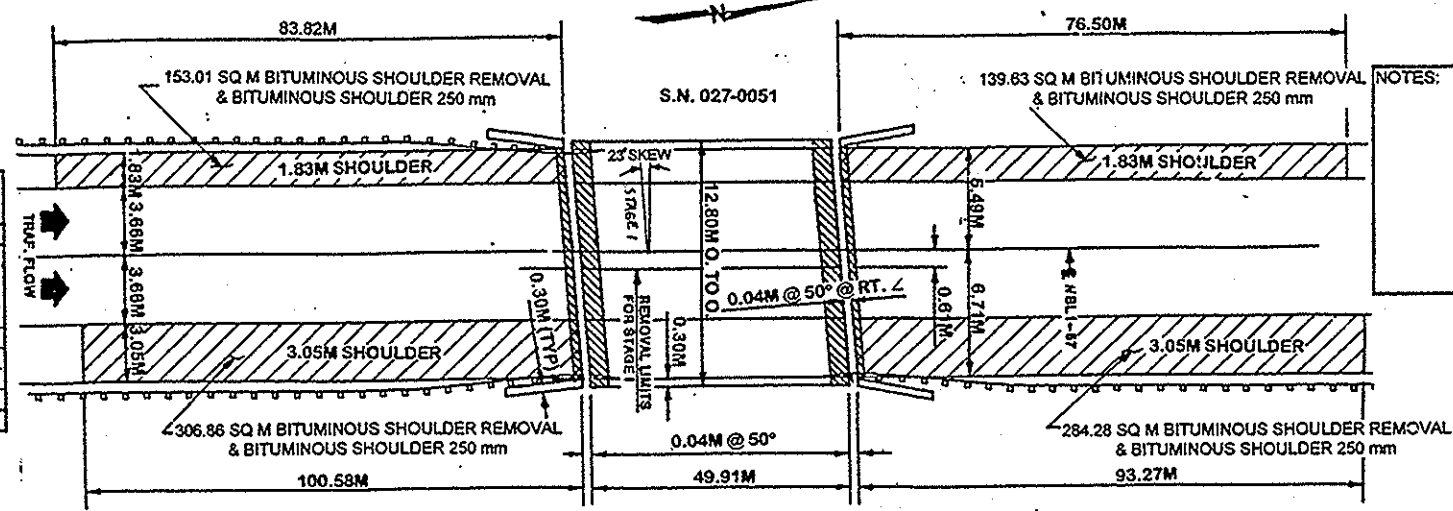
EXIST. LONGITUDINAL b & b1 BARS IN DECK ARE TO BE SALVAGED IN PLACE. EXIST. TRANS. 20 mm DIA. THREADED RODS AT BEAM ENDS ARE TO BE SALVAGED IN PLACE. EXIST. VERTICAL V-4 BARS IN ABUT. SHALL BE SALVAGED IN PLACE. EXIST. VERTICAL V BARS IN ABUT. SHALL BE SAWED OFF FLUSH AT BEAM SEAT ELEV. EXIST. HORIZONTAL & VERTICAL BARS IN WINGWALLS SHALL BE SALVAGED IN PLACE. EXIST. HORIZONTAL REINFORCEMENT IN PARAPETS SHALL BE SALVAGED IN PLACE.

ANY EXISTING REBARS, TO REMAIN IN PLACE, THAT ARE DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 584 OF THE STANDARD SPECIFICATIONS. THE HOLES DRILLED SHALL BE 23 mm DEEP. THE REPLACEMENT BAR SHALL BE THE SAME DIAMETER AND 23 mm LONGER THAN THE ORIGINAL.



SCHEDULE OF REINFORCEMENT BARS
S.N. 027-0051

BAR	SIZE	LENGTH	NUMBER	KG	SHAPE
A10(E)	25	6.12M	40	960.84	
A11(E)	25	7.44M	40	1168.08	
H10(E)	15	5.87M	8	73.73	
H11(E)	15	7.19M	8	90.31	
D1(E)	15	0.91M	24	34.29	
D1(E)	15	1.70M	24	64.06	
X10(E)	20	2.46M	144	834.24	
S10(E)	15	0.99M	88	136.78	
TOTAL FOR S.N. 027-0051				3362.33	



NOTES: THE LIMITS OF BIT. SHLDR. REMOVAL & REPLACEMENT SHALL BE FULL DEPTH SAW CUT PRIOR TO REMOVAL.

LIMITS OF CONCRETE REMOVAL & REPLACEMENT AT DECK SHALL BE SAW CUT 60mm (20 mm MAX INTO CONCRETE)

LIMITS OF CONCRETE REMOVAL & REPLACEMENT AT ABUTMENT SHALL BE SAW CUT 50 mm (20 mm MAX INTO CONCRETE)

LIMITS OF CONCRETE REMOVAL & REPLACEMENT AT PARAPETS SHALL BE SAW CUT 20 mm MAX INTO CONCRETE

REVISIONS

NAME	DATE
M.R.V.	1-12-95

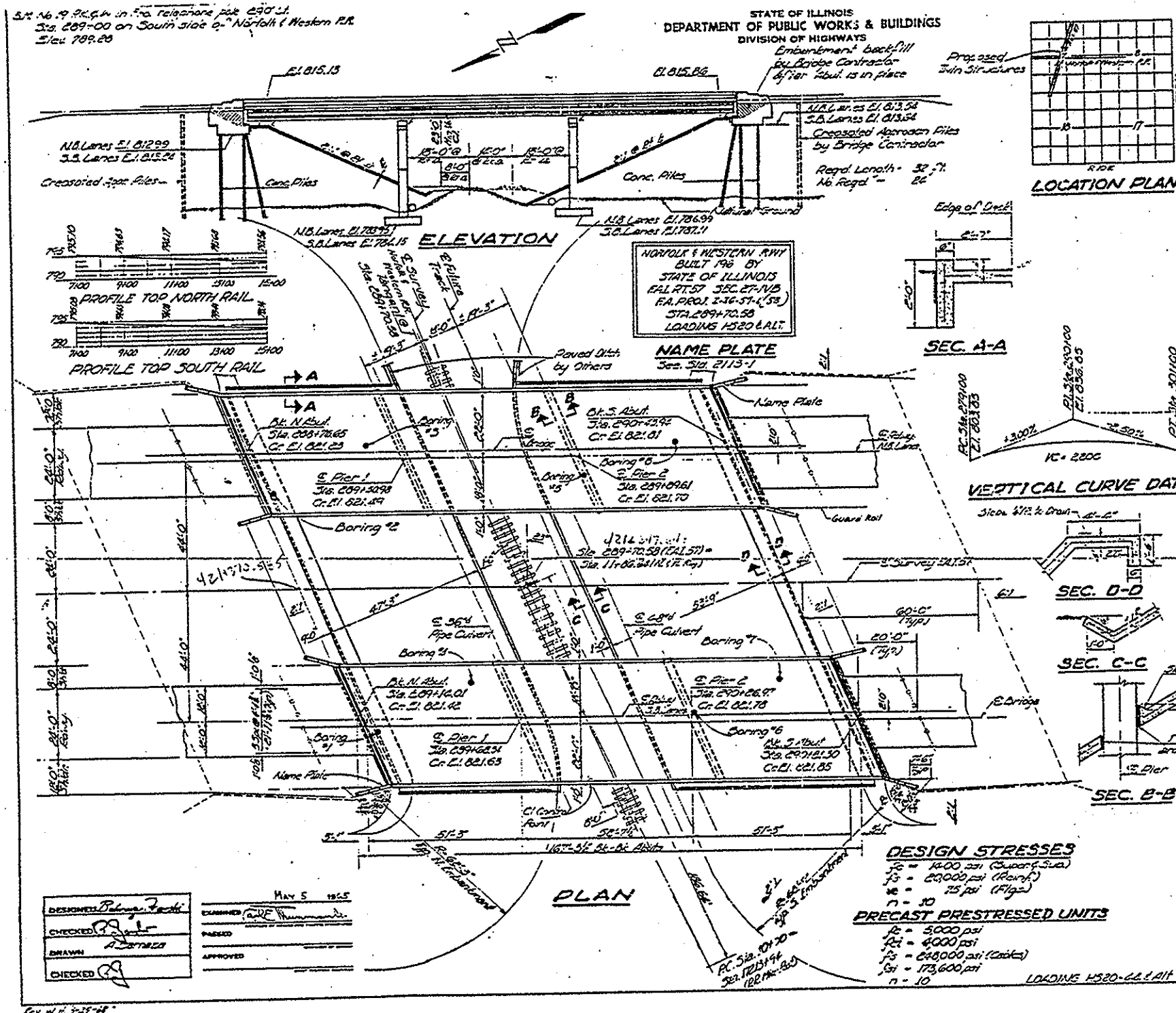
ILLINOIS DEPARTMENT OF TRANSPORTATION

SN: 027-0051

DATE _____ DRAWN BY _____ CHECKED BY _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	127-38.27-DWS	FORD	53	34
STA.		TO STA.		
FED. ROAD DIST. NO. 4		ILLINOIS	FED. AID PROJECT	

Sta. 289+00 on South side of Norfolk & Western RR
Sta. 289+00



GENERAL NOTES

Class X Concrete shall be used throughout.
Coarse aggregate to be used in end of concrete.
Handrail must be absolutely free of dirt, lint, iron, iron filings & soft sandstone.
The concrete floor slab shall be finished in accordance with Art. 31.9 of Standard Specifications.
Slope walls shall be reinforced with welded wire fabric 6"x6" mesh, 1/4" wire weighing 50 pounds per 100 sq. ft.
All reinforcement bars shall be lapped a minimum of 20 dia unless otherwise shown.
The excess surface of expansion guards shall be given two shop coats of red lead paint. The contact surfaces shall be given one coat of red lead paint. Anchor studs shall not be painted.
Expansion guards are included in the quantity of Structural Steel. Estimated weight = 4770.
All structural steel shall comply with the Specifications for Structural Steel ASTM Designation A-36.
The Contractor shall drive a concrete test pile, one at each Abut. in a permanent location as directed by the Engr. before ordering the remainder of piles. Permanent forms will not be permitted in forming the concrete floor.
Concrete piles at Abut. shall be driven in holes precast through the embankment in accordance with Art. 60.9 (c) of the Std. Specifications.

TOTAL BILL OF MATERIAL

ITEM	SURF.	SUB.	TOTAL
Class X Concrete	190	190	
Structural Steel	4841	4841	
Class X Concrete	4125	4125	
Aluminum Handrail	655	655	
Reinforcement Bars	140,210	140,210	
Creosoted Piles	100	100	
Concrete Piles	2064	2064	
Test Piles (Conc.)	2	2	
Name Plate	2	2	
Slope Wall (C)	2,190	2,190	
Furnishing & Erecting of 48' Precast Prestressed Concrete I-Beam	2365	2365	
Protective Coat	1724	1724	
Driveway Seal Sealant Lump Sum	0.5	0.5	

* Applied at Abutment only.

GENERAL PLAN & ELEVATION

F.A.I. 57 OVER NORFOLK & WESTERN R.R.
F.A.I. 57 SEC. 27-1VB
FORD COUNTY
STA. 289+70.58

REVISIONS	NAME	DATE
1	M.V.V.	1-12-95

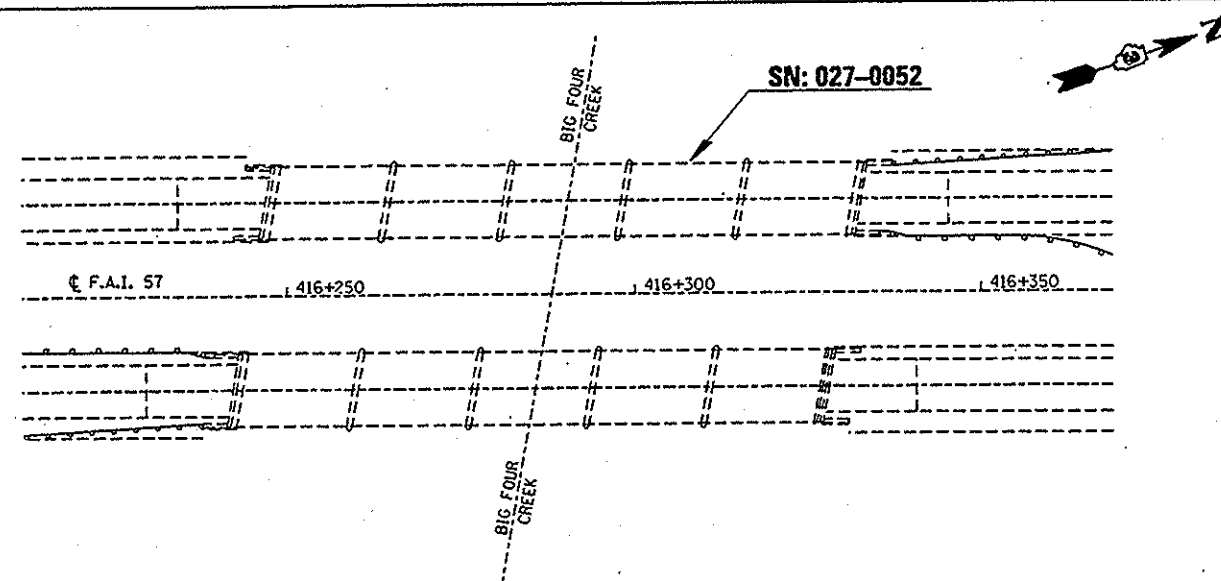
ILLINOIS DEPARTMENT OF TRANSPORTATION

S.N. 027-0050 &
S.N. 027-0051

DRAWN BY
CHECKED BY

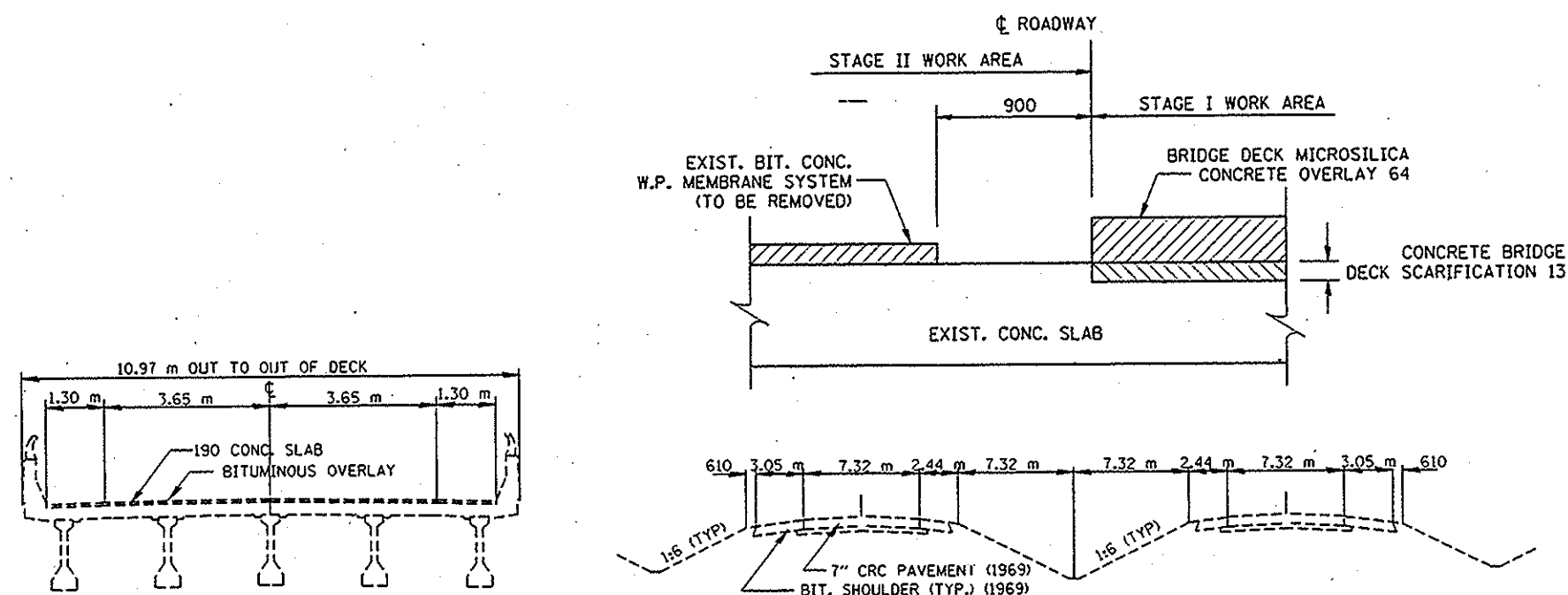
FOR INFORMATION ONLY

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	127-38.27-1RS	FORD	53	36
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

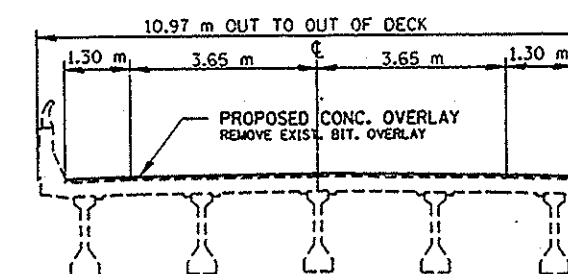


SN 027-0052					
BILL OF MATERIALS					
CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	DECK QUANTITY	N-ABUT QUANTITY
M4402110	BITUMINOUS CONCRETE REMOVAL (DECK)	SQ M	893	893	
M5030710	FORMED CONCRETE REPAIR (DEPTH EQUAL TO LESS THAN 125MM)	SQ M	1.6		1.2
M5900100	EPOXY CRACK SEALING	METER	10.6		4.8
MZ006110	BRIDGE DECK MICROSILICA CONCRETE OVERLAY	SQ M	893	893	
MZ006200	BRIDGE DECK SCARIFICATION	SQ M	893	893	
MZ016001	DECK SLAB REPAIR (FULL DEPTH, TYPE I)	SQ M	23	23	
MZ016200	DECK SLAB REPAIR (PARTIAL)	SQ M	25.4	25.4	
* Z0015595	DECK DRAIN EXTENSIONS	EACH	44	44	

NOTE: 0.5 SQM DECK SLAB REPAIR (PARTIAL) FOR EACH DECK DRAIN
0.5 SQM DECK SLAB REPAIR (FULL DEPTH, TYPE I) FOR EACH DECK DRAIN TO BE PLUGGED
* FOR DETAILS SEE SHEET 53 OF 53.

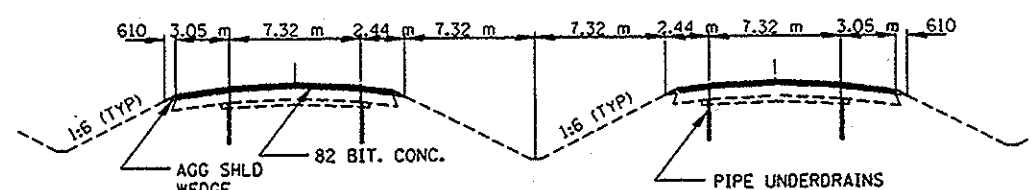


EXISTING TYPICAL SECTION

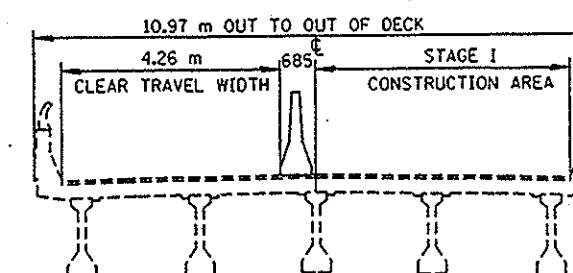


PROPOSED TYPICAL SECTION

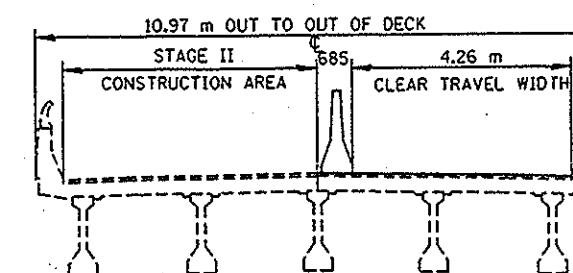
APPROACH ROADWAY
EXISTING TYPICAL SECTION



APPROACH ROADWAY
PROPOSED TYPICAL SECTION



STAGE I



STAGE II

STAGE CONSTRUCTION DIAGRAM

ALL DIMENSIONS ARE IN MILLIMETERS
UNLESS OTHERWISE SHOWN.

REVISIONS		DATE	DRAWN BY	CHECKED BY
NAME	DATE			

ILLINOIS DEPARTMENT OF TRANSPORTATION

PLAN VIEW & SUMMARY

SN: 027-0052

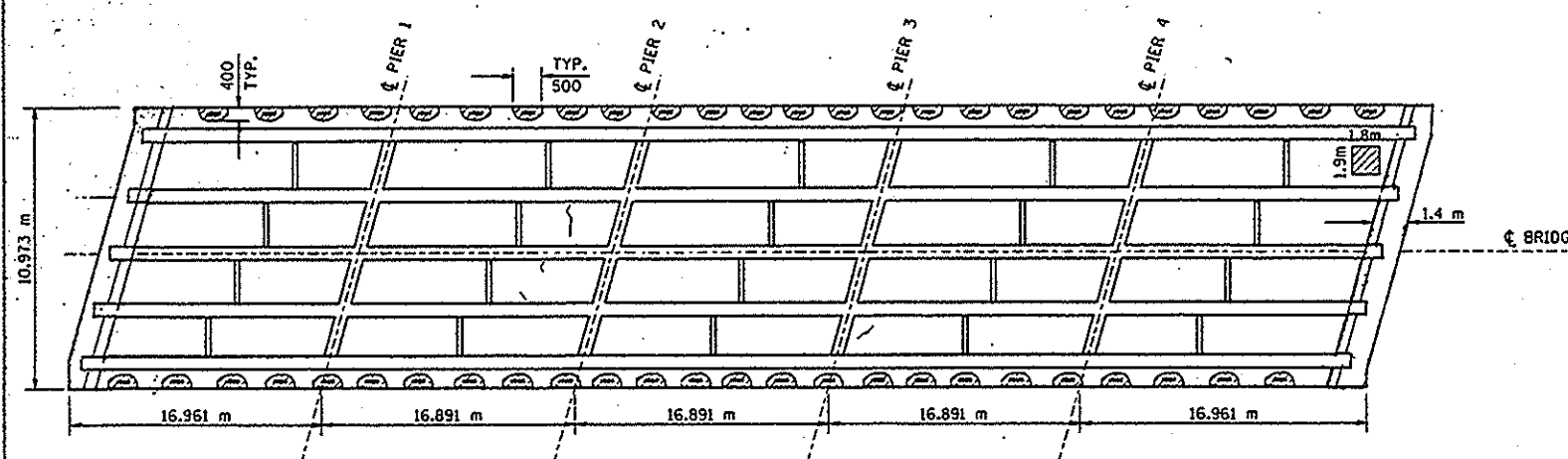
DATE
DRAWN BY
CHECKED BY

AUG. 25, 1997
ZFB5, [MP02397] DETAILS

Plan view of the bridge deck showing four piers and their spacing. The total width of the bridge deck is 10.973 m. The piers are labeled PIER 1, PIER 2, PIER 3, and PIER 4. The centerline of the bridge is indicated by a dashed line. The spacing between the piers is 17.46 m, 16.891 m, 16.891 m, 16.891 m, and 17.46 m. The total length of the bridge deck is 85.60 m BK. -- BK. OF ABUT.

 DELAMINATION

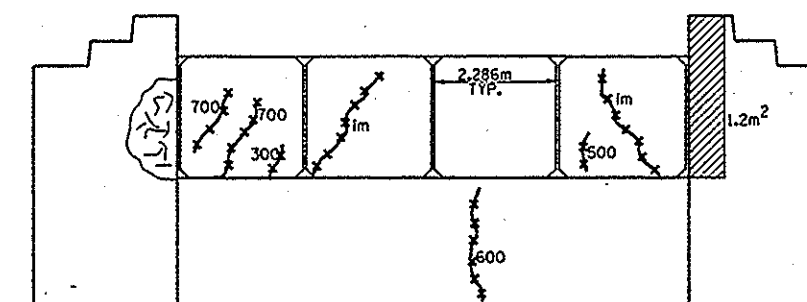
NOTE: THE ENGINEER WILL MARK THE LOCATIONS OF THE REPAIRS IN THE AS BUILT PLANS



NOTES:

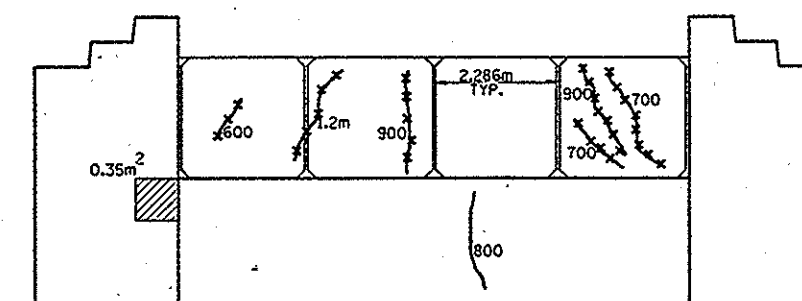
OTHER MINOR CRACKS AND POPOUTS THROUGHOUT
DISCOLORATION AND/OR SHALLOW DELAMINATION ON
PPC BEAMS BELOW DECK DRAINS (FLANGES & WEB)
DISCOLORATION MAY INDICATE LEACHING

S.N. 027-0052
INTERSTATE 57 (NB)
SECTION 27-IVB
FORD COUNTY



LOOKING NORTH

-  FORMED
 CONCRETE REPAIR ≤ 125
 MAP CRACKING
 CRACK WITH EFFLORESCENCE



LOOKING SOUTH

-  FORMED
 CONCRETE REPAIR ≤ 125
 CRACK WITH EFFLORESCENCE
 EPOXY CRACK REPAIR

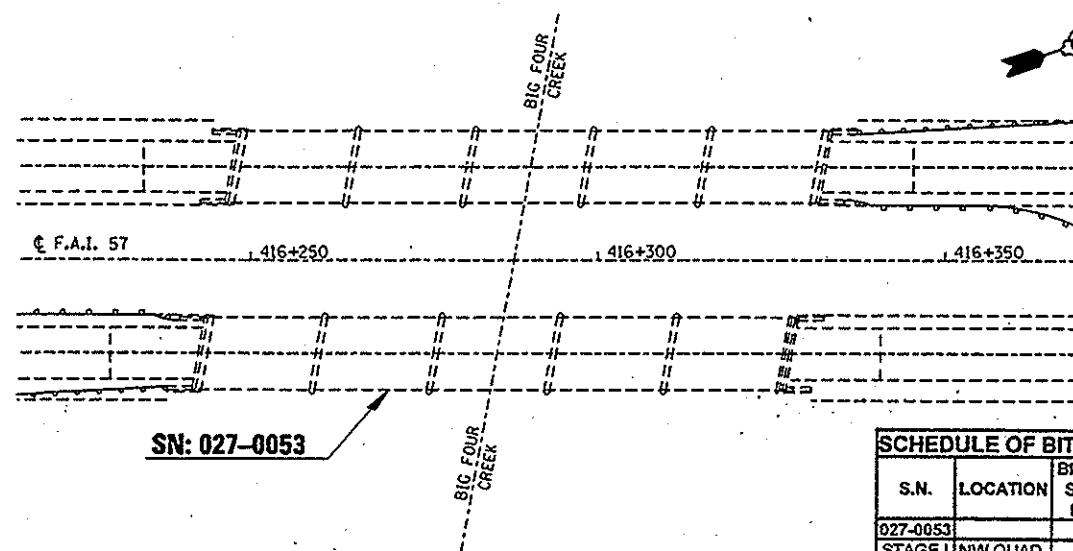
ALL DIMENSIONS ARE IN MILLIMETERS
UNLESS OTHERWISE SHOWN.

ILLINOIS DEPARTMENT OF TRANSPORTATION

**STRUCTURE
NO. 027-0052**

JULY 9, 1997
3585:FWP02197WETA115.DGN:

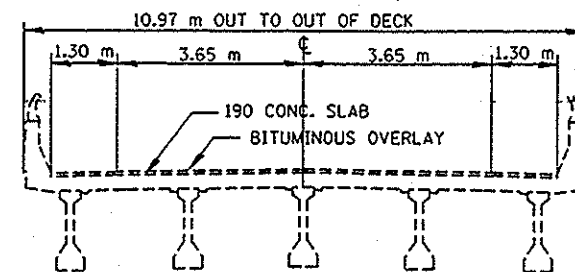
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	027-38.27-URS	FORD	53	38
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



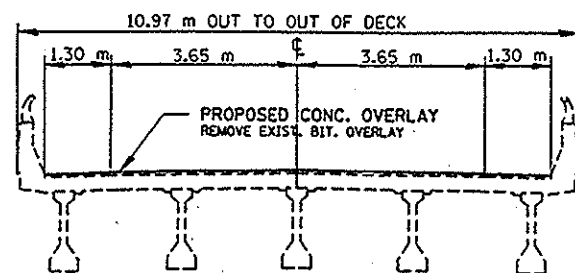
SCHEDULE OF BITUMINOUS SHOULDERS			
S.N.	LOCATION	BITUMINOUS SHOULDER REMOVAL	BITUMINOUS SHOULDERS
027-0053		SQ M	SQ M
STAGE I	NW QUAD.	223	223
	SW QUAD.	182	182
STAGE II	NE QUAD.	156	156
	SE QUAD.	115	115
TOTAL		676	676

SN 027-0053 BILL OF MATERIALS						
CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	DECK QUANTITY	N-ABUT QUANTITY	S-ABUT QUANTITY
M4402110	BITUMINOUS CONCRETE REMOVAL (DECK)	SQ M	928	928		
M4402120	BITUMINOUS CONCRETE SHOULDER REMOVAL	SQ M	676			676
M4820250	BITUMINOUS SHOULDERS 250MM	SQ M	676			676
M5010240	CONCRETE REMOVAL	CU M	7.5	7.5		
M5030030	PREFORMED JOINT SEAL 64MM	METER	22.5	22.5		
M5030360	CONCRETE SUPERSTRUCTURES	CU M	7.5	7.5		
M5030710	FORMED CONCRETE REPAIR (DEPTH EQUAL TO LESS THAN 125MM)	SQ M	4.3		2.1	2.2
M5050405	FURNISHING AND ERECTING STRUCTURAL STEEL	KG	2030	2030		
M5080205	REINFORCEMENT BAR, EPOXY COATED	KG	2962	2962		
M5900100	EPOXY CRACK SEALING	METER	9.3		5.3	4
M6610300	BITUMINOUS SHOULDER CURB	METER	296			296
M2006110	BRIDGE DECK MICROSILICA CONCRETE OVERLAY	SQ M	893	893		
M2006200	BRIDGE DECK SCARIFICATION	SQ M	893	893		
M2016001	DECK SLAB REPAIR (FULL DEPTH, TYPE I)	SQ M	23	23		
M2016200	DECK SLAB REPAIR (PARTIAL)	SQ M	25.1	25.1		
Z0015595	DECK DRAIN EXTENSIONS	EACH	44	44		
Z0037400	BAR SPLICERS	EACH	38	38		
MX032116	POLYMER MODIFIED PORTLAND CEMENT MORTAR	SQ M	15	15		

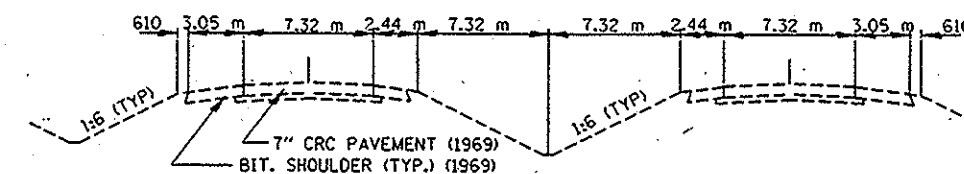
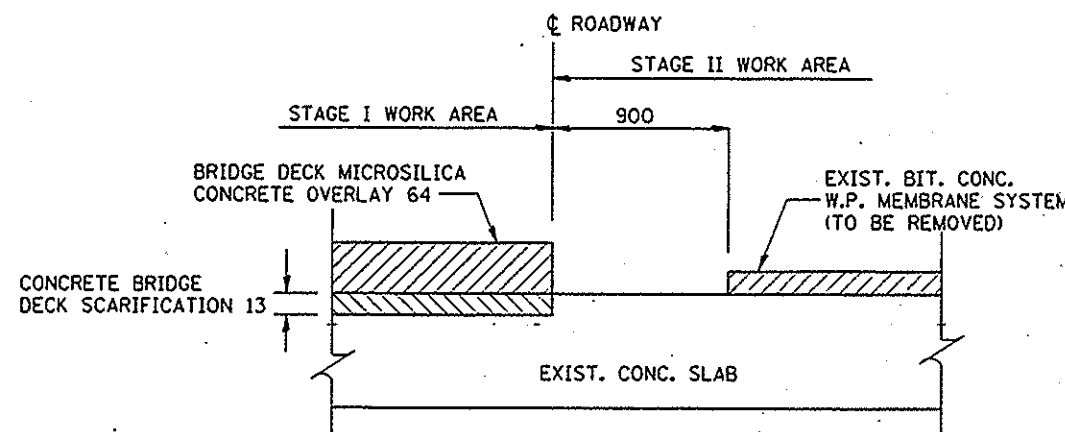
NOTE: 0.5 SQM DECK SLAB REPAIR (PARTIAL) FOR EACH DECK DRAIN
0.5 SQM DECK SLAB REPAIR (FULL DEPTH, TYPE I) FOR EACH DECK DRAIN TO BE PLUGGED
* FOR DETAILS SEE SHEET 53 OF 53.



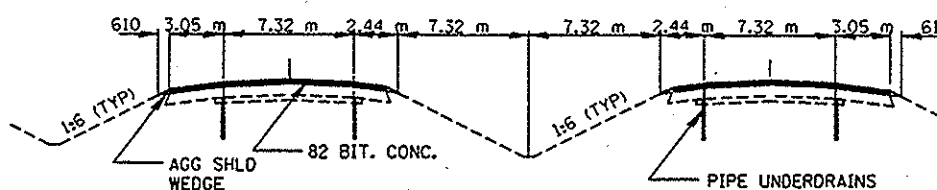
EXISTING TYPICAL SECTION



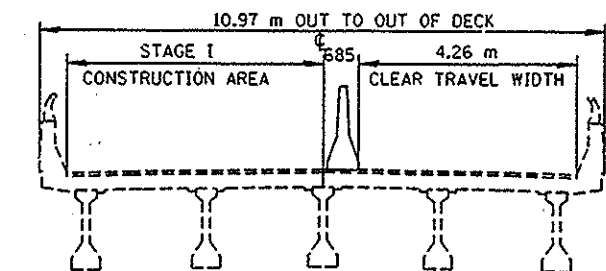
PROPOSED TYPICAL SECTION



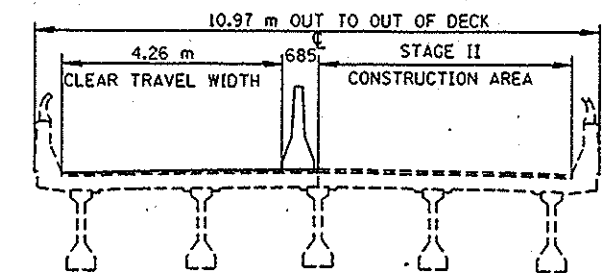
APPROACH ROADWAY
EXISTING TYPICAL SECTION



APPROACH ROADWAY
PROPOSED TYPICAL SECTION



STAGE I



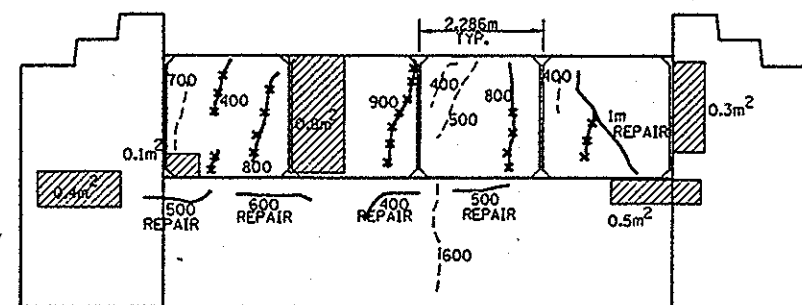
STAGE II
STAGE CONSTRUCTION DIAGRAM

ALL DIMENSIONS ARE IN MILLIMETERS
UNLESS OTHERWISE SHOWN.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		PLAN VIEW & SUMMARY SN: 027-0053 DRAWN BY CHECKED BY
		DATE

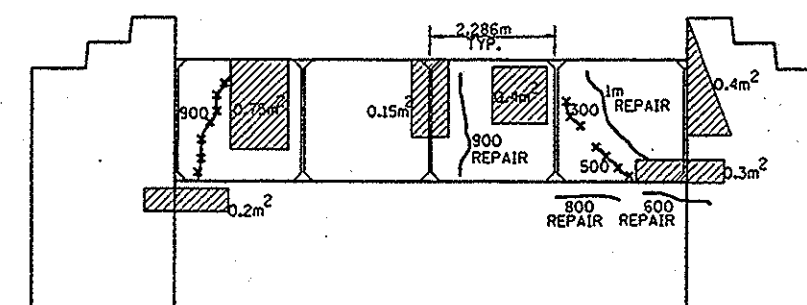
AUG. 25, 1997
ZFB5: (MP02397) DETAILS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	027-38.27-IVB	FORD	53	39
STA.		TO STA.		
FED. ROAD DIST. NO. 4		ILLINOIS FED. AID PROJECT		



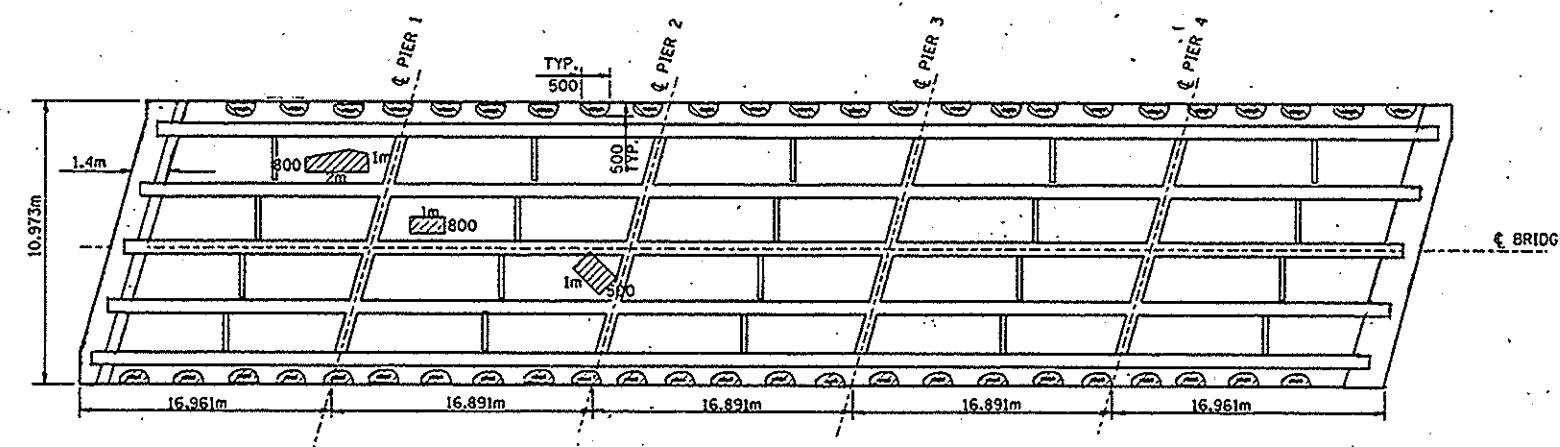
NORTH ABUTMENT ELEVATION
LOOKING NORTH

- FORMED CONCRETE REPAIR ≤ 125mm 2.1m²
- EPOXY CRACK REPAIR 3.0m
- CRACK WITH EFFLORESCENCE
- CRACKING



SOUTH ABUTMENT ELEVATION
LOOKING SOUTH

- FORMED CONCRETE REPAIR ≤ 125mm 2.2m²
- EPOXY CRACK REPAIR 3.3m
- CRACK WITH EFFLORESCENCE



NOTE: THE ENGINEER WILL MARK THE LOCATIONS OF THE REPAIRS IN THE AS BUILT PLANS

DECK SURVEY DATE: APRIL 15, 1997

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN.

- PARTIAL DEPTH DECK REPAIR
- FLOOR DRAIN WITH ADJACENT DELAMINATION OR SPALLING (TYP.) TO BE REPAIRED USING DECK SLAB REPAIR (SEE SHEET 43 OF 53)
- CRACKS WITH EFFLORESCENCE (TYP.)

NOTES:
OTHER MINOR CRACKS AND POPOUTS THROUGHOUT
DISCOLORATION AND/OR SHALLOW DELAMINATION ON PPC BEAMS BELOW DECK DRAINS (FLANGES & WEB)
DISCOLORATION MAY INDICATE LEACHING

UNDERDECK SURVEY
S.N. 027-0053
INTERSTATE 57 (NB)
SECTION 27-IVB
FORD COUNTY

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

STRUCTURE
NO. 027-0053

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	027-38.27-1RS	FORD	53	40
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

NOTES: EXISTING a, d & d1 BARS IN PARAPETS SHALL BE REPLACED WITH C, D, D1 BARS.
EXISTING LONGITUDINAL b & b1 BARS IN DECK ARE TO BE SALVAGED IN PLACE.
EXISTING TRANSVERSE 20 mm DIA. THREADED RODS AT BEAM ENDS ARE TO BE SALVAGED IN PLACE.
EXISTING VERTICAL v4 BARS IN ABUTMENTS SHALL BE SALVAGED IN PLACE.
EXISTING HORIZONTAL & VERTICAL BARS IN WINGWALLS SHALL BE SALVAGED IN PLACE.

EXISTING #15V BARS AND ANY EXISTING REINFORCEMENT BARS, TO REMAIN IN PLACE, THAT ARE DAMAGED BY THE CONTRACTOR SHALL BE REPLACED BY THE CONTRACTOR IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 534 OF THE STANDARD SPECIFICATIONS.
THE HOLES DRILLED SHALL BE 230 mm DEEP.

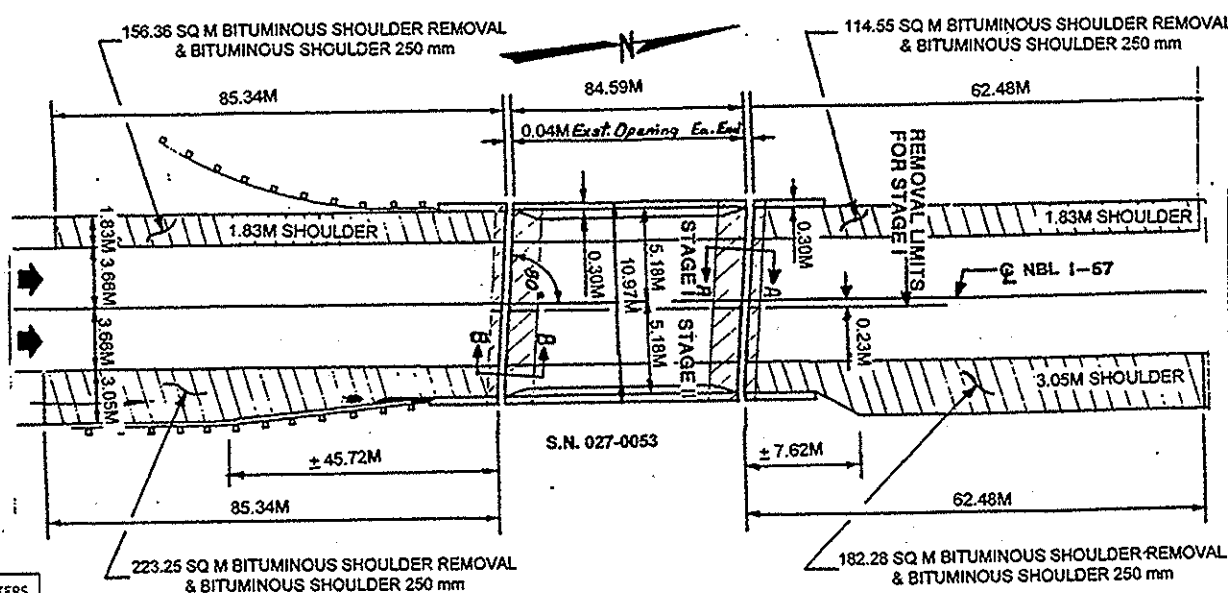
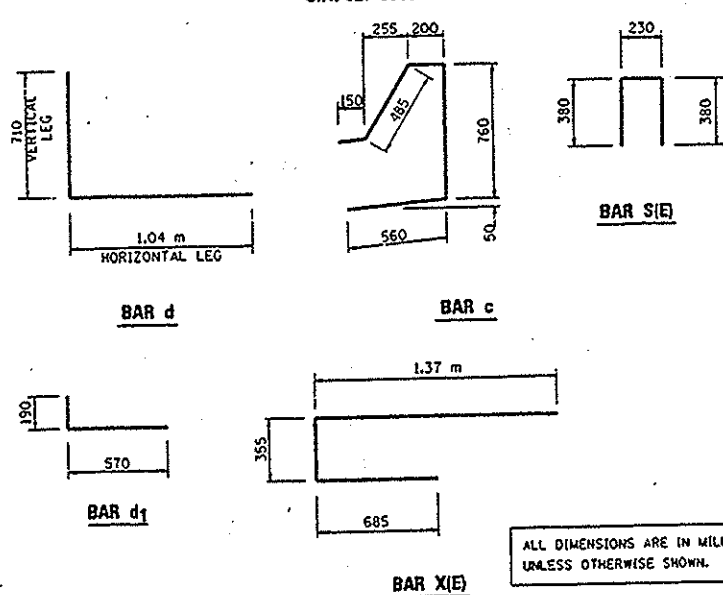
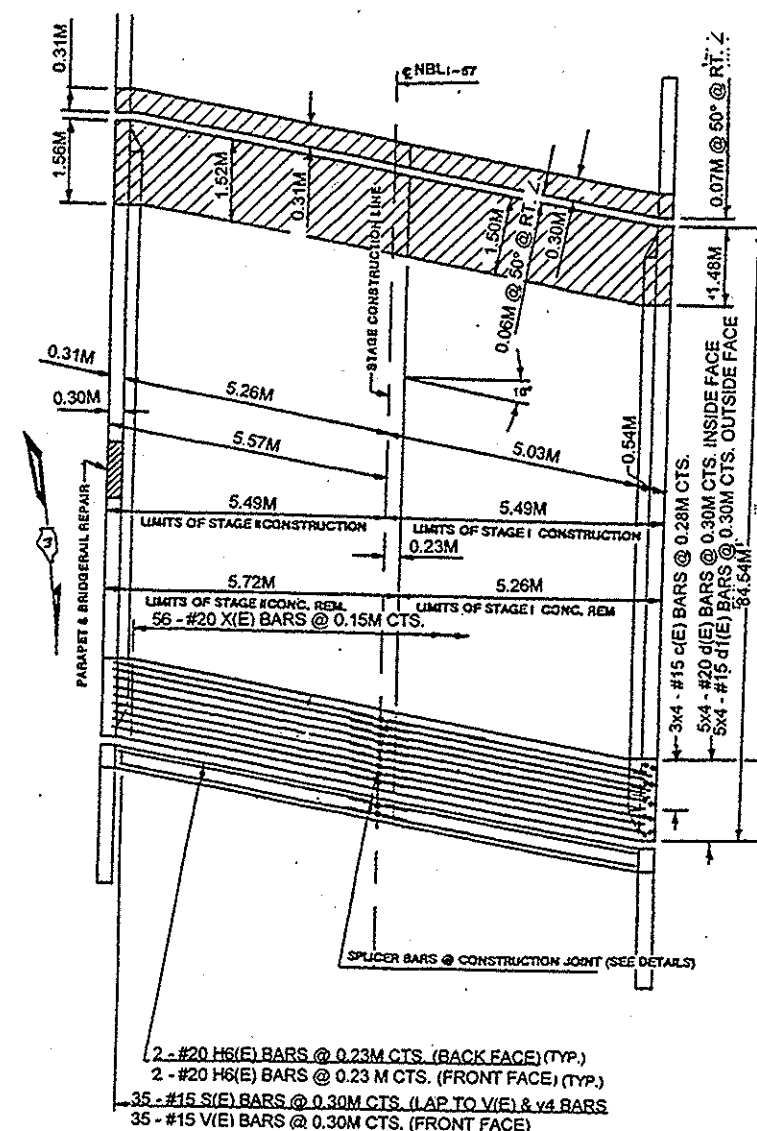
SCHEDULE OF REINFORCEMENT BARS S.N. 027-0053

BAR	SIZE	LENGTH	NUMBER	KG	SHAPE
A2(E)	25	5.41M	40	849.37	
A3(E)	25	5.41M	40	849.37	
c(E)	15	2.155M	12	40.60	
d(E)	20	1.75M	20	82.43	
d1(E)	15	0.76M	20	23.86	
X(E)	20	2.41M	112	635.66	
V(E)	15	1.63M	70	179.14	
S(E)	15	0.99M	70	108.80	
H6(E)	20	5.11M	16	192.54	
TOTAL FOR S.N. 027-0053				2961.77	

NOTES: THE LIMITS OF ALL CONCRETE REMOVAL SHALL BE SAW CUT 20 mm INTO CONCRETE THIS SHALL INCLUDE BOTTOM OF DECK AND FACE & SIDES OF WINGWALLS & PARAPETS.

EXIST. LONGITUDINAL b & b1 BARS IN DECK ARE TO BE SALVAGED IN PLACE.
EXIST. TRANS. 20 mm DIA. THREADED RODS AT BEAM ENDS ARE TO BE SALVAGED IN PLACE.
EXIST. VERTICAL V4 BARS IN ABUT. SHALL BE SALVAGED IN PLACE.
EXIST. VERTICAL V BARS IN ABUT. SHALL BE SAWED OFF FLUSH AT BEAM SEAT ELEV.
EXIST. HORIZONTAL & VERTICAL BARS IN WINGWALLS SHALL BE SALVAGED IN PLACE.
EXIST. HORIZONTAL REINFORCEMENT IN PARAPETS SHALL BE SALVAGED IN PLACE.

ANY EXISTING REBARS, TO REMAIN IN PLACE, THAT ARE DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 584 OF THE STANDARD SPECIFICATIONS.
THE HOLES DRILLED SHALL BE 23 mm DEEP
THE REPLACEMENT BAR SHALL BE THE SAME DIAMETER AND 23 mm LONGER THAN THE ORIGINAL.



NOTES: THE LIMITS OF BIT. SHLDR. REMOVAL & REPLACEMENT SHALL BE FULL DEPTH SAW CUT PRIOR TO REMOVAL
LIMITS OF CONCRETE REMOVAL & REPLACEMENT AT DECK SHALL BE SAW CUT 60mm (20 mm MAX INTO CONCRETE)
LIMITS OF CONCRETE REMOVAL & REPLACEMENT AT ABUTMENT SHALL BE SAW CUT 50 mm (20 mm MAX INTO CONCRETE)
LIMITS OF CONCRETE REMOVAL & REPLACEMENT AT PARAPETS SHALL BE SAW CUT 20 mm MAX INTO CONCRETE

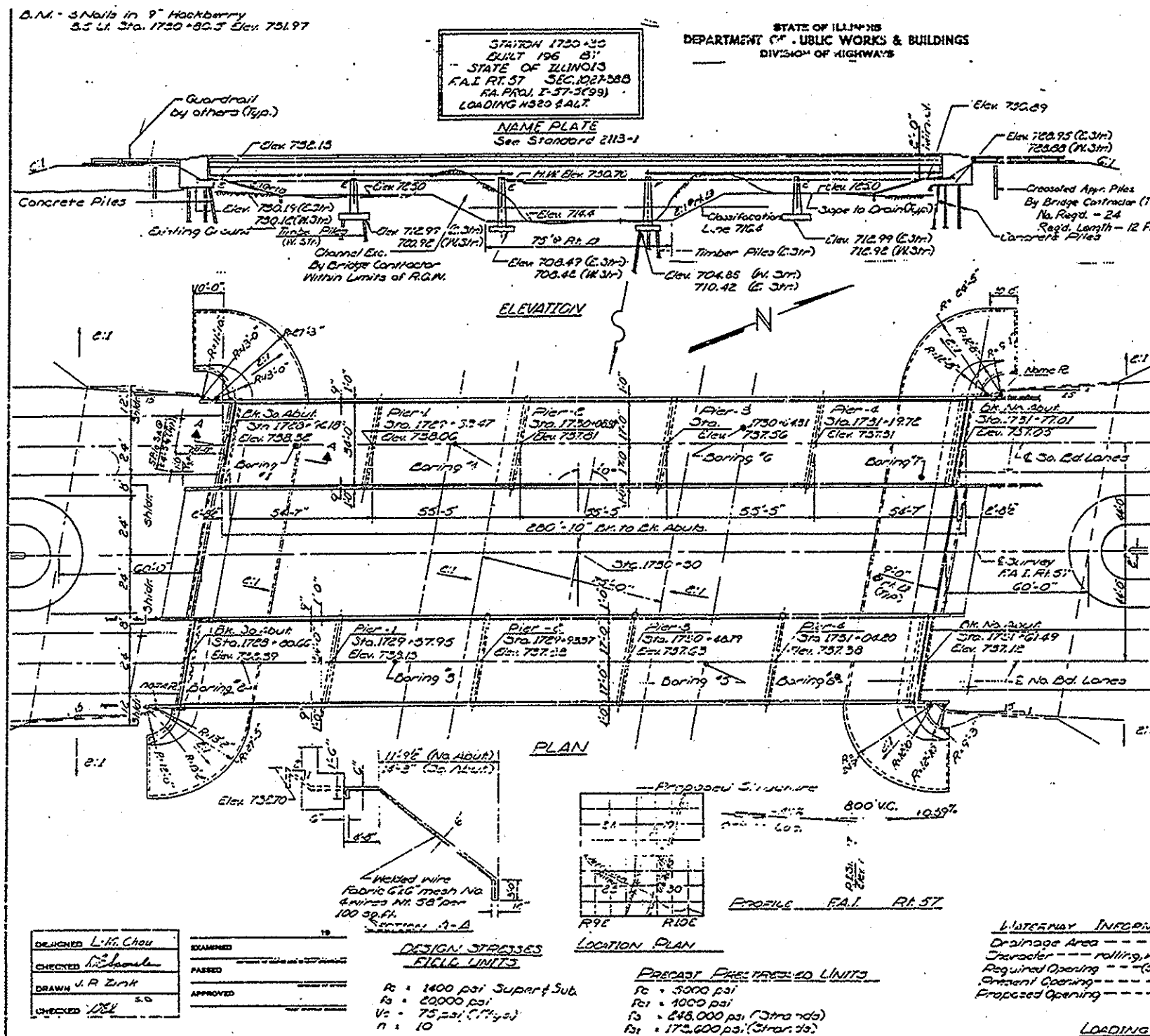
REVISIONS	
NAME	DATE
M.W.T.	1-12-95

ILLINOIS DEPARTMENT OF TRANSPORTATION

S.N. 027-0053

DRAWN BY
CHECKED BY
DATE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	127-38.27-URS	FORD	53	41
STA.		TO STA.		
FED. ROAD DIST. NO. 4		ILLINOIS	FED. AID PROJECT	



GENERAL NOTES

Coarse aggregate to be used in parapet handrail and end post must be free of dirt, lime, lignite and soft sandstone.

The concrete floor slab will be finished in accordance with Art. 51.19 of the Standard Specifications.

Slope wall shall be reinforced with welded wire fabric 6"x6" mesh, 4 wire weighing 50 lbs per 100 sq ft.

Layout of slope walls may be varied to suit ground conditions in the field as directed by the Engineer.

All reinforcement bars should be lapped a min. of 20 diameters unless otherwise shown.

Permanent forms will not be permitted in forming the concrete floor.

All structural steel shall conform to A.S.T.M. Designation A-36.

Exposed surfaces of the expansion devices, inaccessible after erection, shall receive two shop coats of red lead paint. All other surfaces shall be given one shop coat of red lead paint.

Anchor studs shall not be painted.

Expansion devices are included in the quantity of structural steel. Est. Weight - 3670 Lbs.

Excavation for portions of structures in the embankment shall not be classified.

The contractor shall drive 4x6 (2) concrete test piles one at North Abut. E. Structure, one at South Abut. W. Structure, and two (2) timber test piles, one at Pier 1 N. Structure, and one at Pier 3 S. Structure in permanent locations as directed by the Engineer before ordering the remainder of piles.

It is the responsibility of the contractor to obtain High Strength Steel (HSS) to be used in the bridge structure.

TOTAL BILL OF MATERIAL			
Item	Supp.	Sub.	Total
Class A Gr. for Struct.	Cu. Yds.	613	613
Class B Gr. for Struct.	Cu. Yds.	668	668
Class X Concrete	Cu. Yds.	271.5	271.5
Class A Concrete	Cu. Yds.	745.8	745.8
Furnishing & Erecting			
Precast Prest. 1 1/2 in. 45	Lin. Ft.	2753	2753
Aluminum Handrail	Lin. Ft.	1111	1111
Concrete Piles	Lin. Ft.	1993	1993
Untreated Piles (up to 30')	Lin. Ft.	971	971
Structural Steel	Lbs.	7490	7490
Reinforcement Bars	Lbs.	12380	12380
Test Pile (Timber)	Eq.	2	2
Test Pile (Concrete)	Eq.	2	2
Name Plates	Eq.	2	2
Protective Coat	Sq. Yds.	1325	1325
Slope Wall (6")	Sq. Yds.	1109	1109
Concrete Seal Sealant	Lbs.	1	1
Crossed Piles (up to 40')	Lin. Ft.	288	288

* Includes excavation for slope wall.
** Applied at abutments.

FOR INFORMATION ONLY

REVISIONS	
NAME	DATE
M.W.	1-12-95

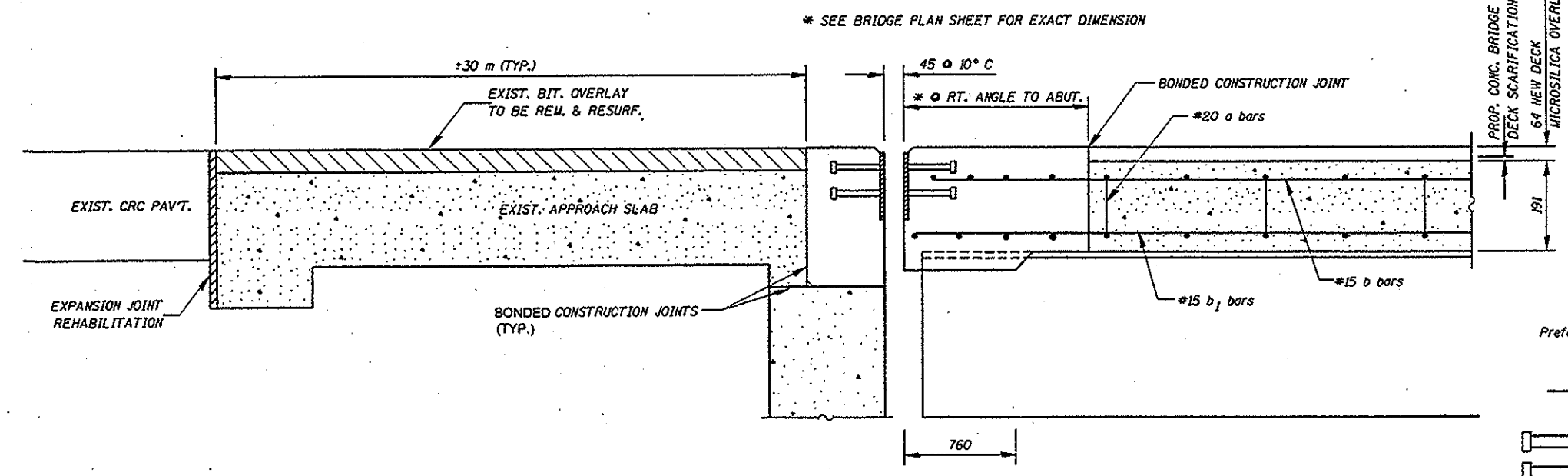
ILLINOIS DEPARTMENT OF TRANSPORTATION

S.N. 027-0052 &
S.N. 027-0053

DRAWN BY
FURNISHED BY

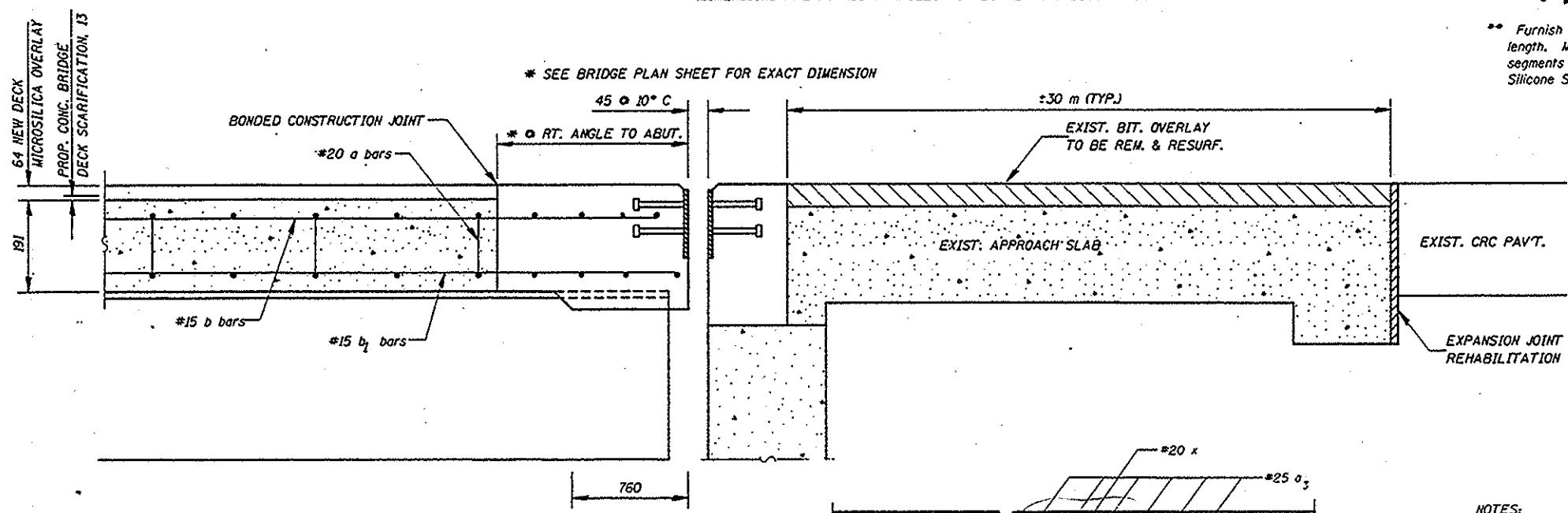
DATE: 11-17-95
BY: M.W.
CHECKED: M.W.
APPROVED: M.W.

F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	27-38.27-URS	FORD	53	42
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



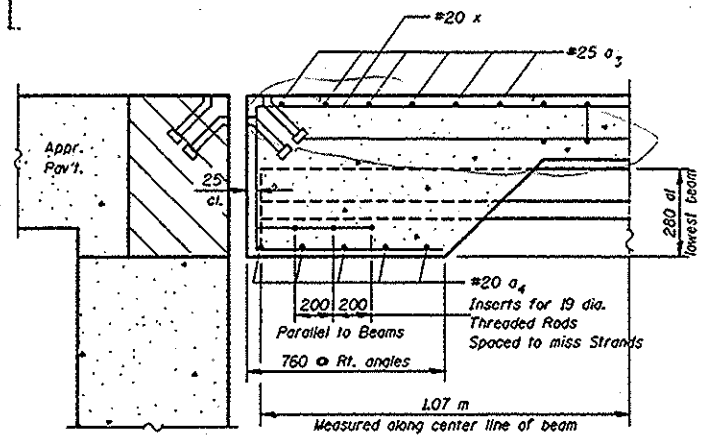
SOUTH ABUTMENT

(DIMENSIONS ARE AT RIGHT ANGLES TO ABUTMENTS UNLESS NOTED)

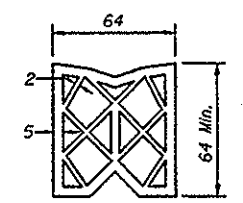


NORTH ABUTMENT

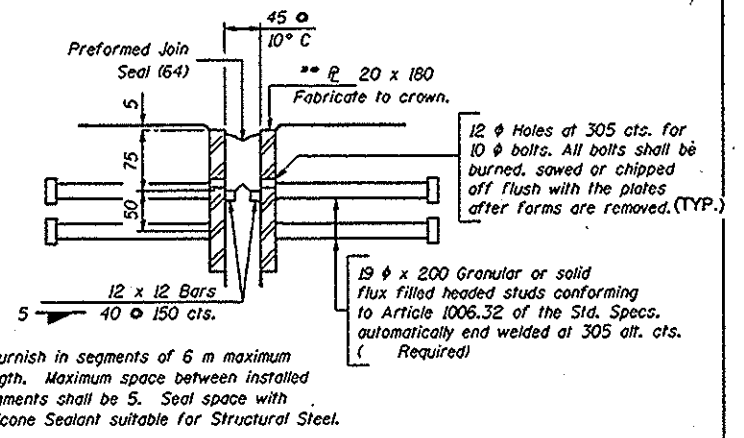
(DIMENSIONS ARE AT RIGHT ANGLES TO ABUTMENTS UNLESS NOTED)



EXISTING DECK REINFORCEMENT



PREFORMED JOINT SEAL (64)



TYPICAL END OF SEAL TREATMENT

PREFORMED JOINT SEAL 64 DETAIL

NOTES:

All dimensions are in millimeters unless otherwise shown.

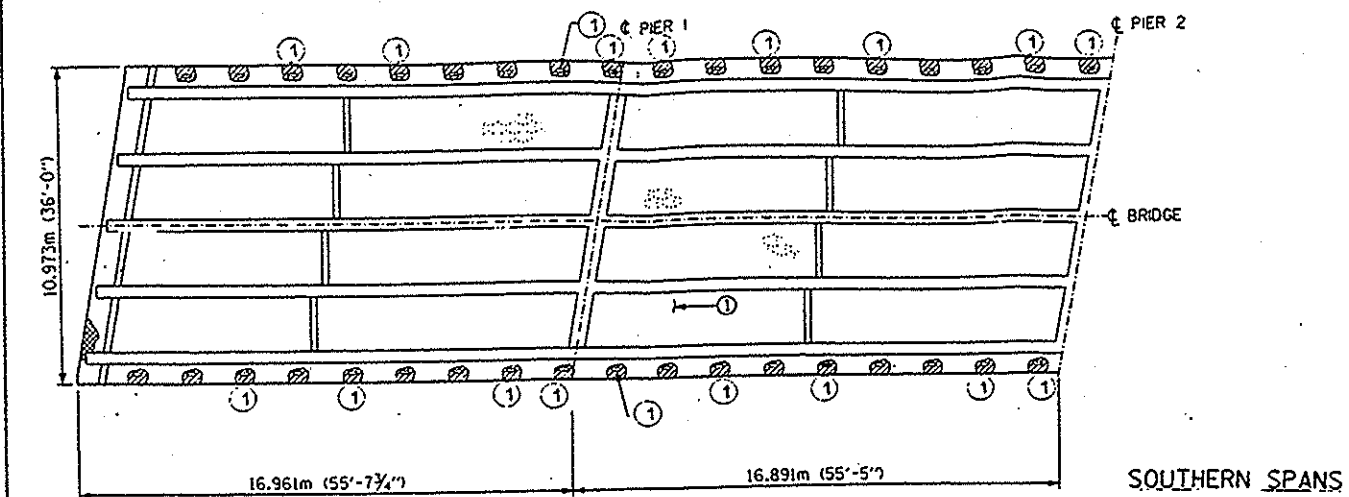
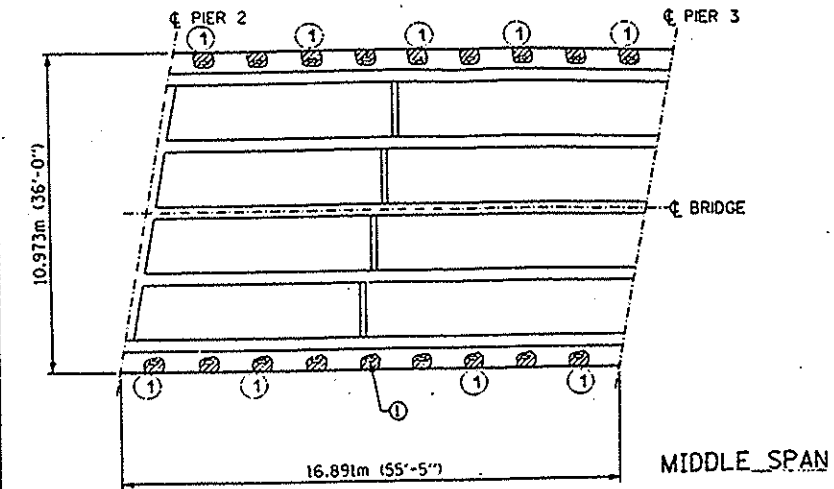
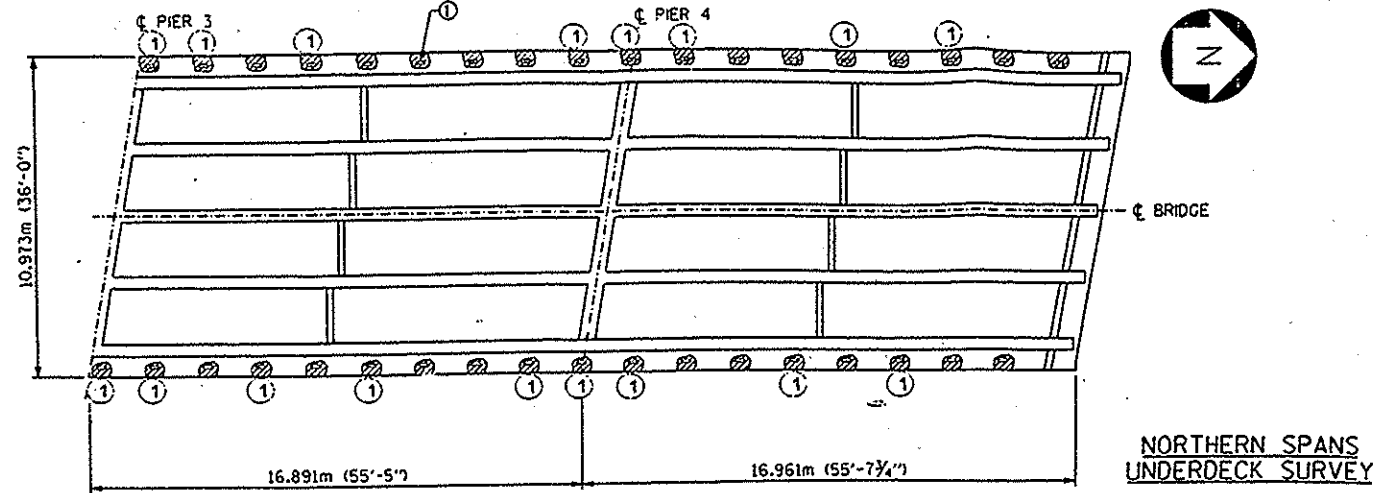
Existing expansion joints shall be removed and replaced with PREFORMED JOINT SEAL 64

Removal of the existing expansion joint structural steel is incidental to Concrete Removal.

Existing transverse reinforcement bars in repair areas shall be removed and replaced with Epoxy Coated bars. All other reinforcement bars shall be saved, cleaned and incorporated into the new concrete.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		DETAILS FOR SN: 027-0051 SN: 027-0053

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	027-38.27-1RS	FORD	53	43
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



- ① Floor drains to be removed and plugged using Deck Slab Repair (Full Depth Type 1)
OTHER DRAINS TO BE REPAIRED USING DECK SLAB REPAIR (PARTIAL) (TYP.)

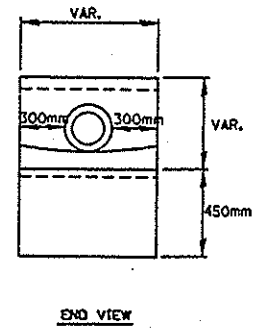
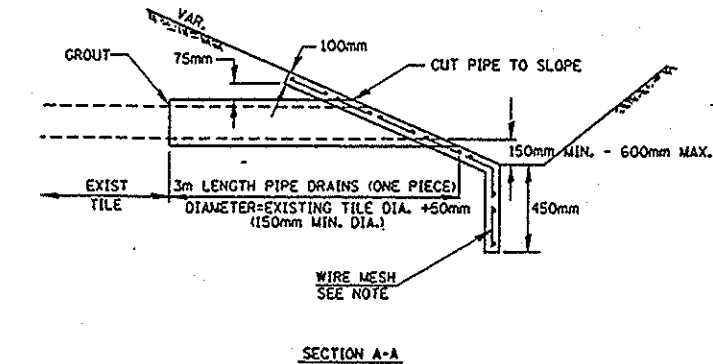
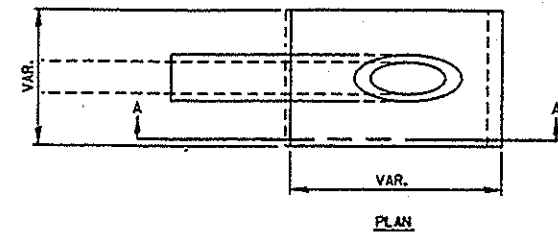
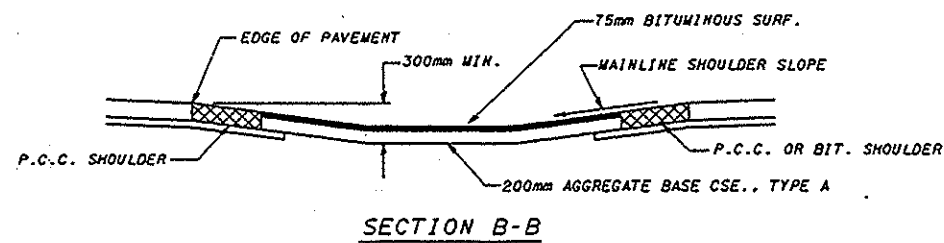
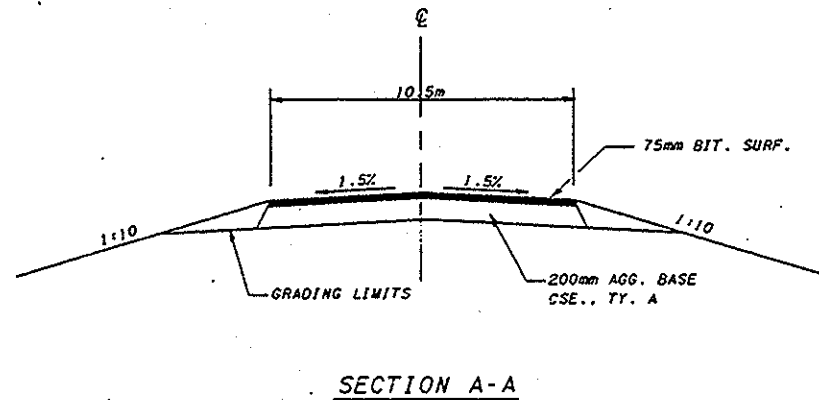
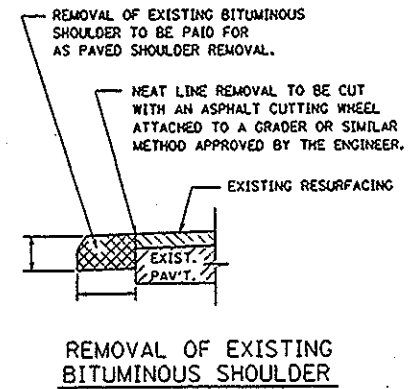
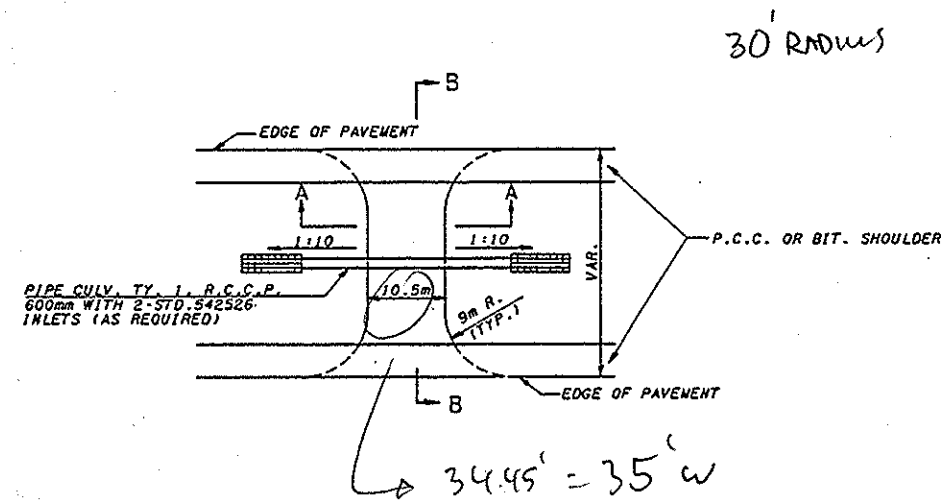
LAYOUT AND REMOVAL OF EXISTING DECK DRAINS IS THE SAME FOR BOTH STRUCTURES

ALL DIMENSIONS ARE IN MILLIMETERS
UNLESS OTHERWISE SHOWN.

SN: 027-0052 & SN: 027-0053 DECK DRAIN DETAILS

JULY 7, 1997
2FB5(MP02397)DETAILS.DGN

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	Q27-38.27-URS	FORD	53	45
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



- NOTES
1. ANY FIELD TILE OUTLET INTO A DITCH SHALL HAVE A HEADWALL BUILT IN ACCORDANCE WITH THIS DETAIL.
 2. COST OF FURNISHING AND INSTALLING WIRE MESH SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC METER FOR MISCELLANEOUS CONCRETE. WIRE MESH TO WEIGH NOT LESS THAN 2.83kg/m².

PIPE DRAINS & CONCRETE HEADWALLS

BITUMINOUS MAINTENANCE CROSSOVER

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		DETAILS DRAWN BY _____ CHECKED BY _____ DATE _____

OCT. 1996
[DETAILS] 400499.0GN
406-4, 406-5, 406-6

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	127-38.27-URS	FORD	53	46
STA.		TO STA.		
FED. ROAD DIST. NO. 4		ILLINOIS FED. AID PROJECT		

Class II Piezo Sensor

SPECIFICATIONS

Class II Piezo Sensors shall comprise a Class II coaxial sensing element having a copper core and braided copper sheath (Vibatek 13 piezo cable or equal), encapsulated in an extruded aluminum channel.

The encapsulant shall be a material resistant to oil, gasoline, water and road salt; to be Flexane 80 or approved equal.

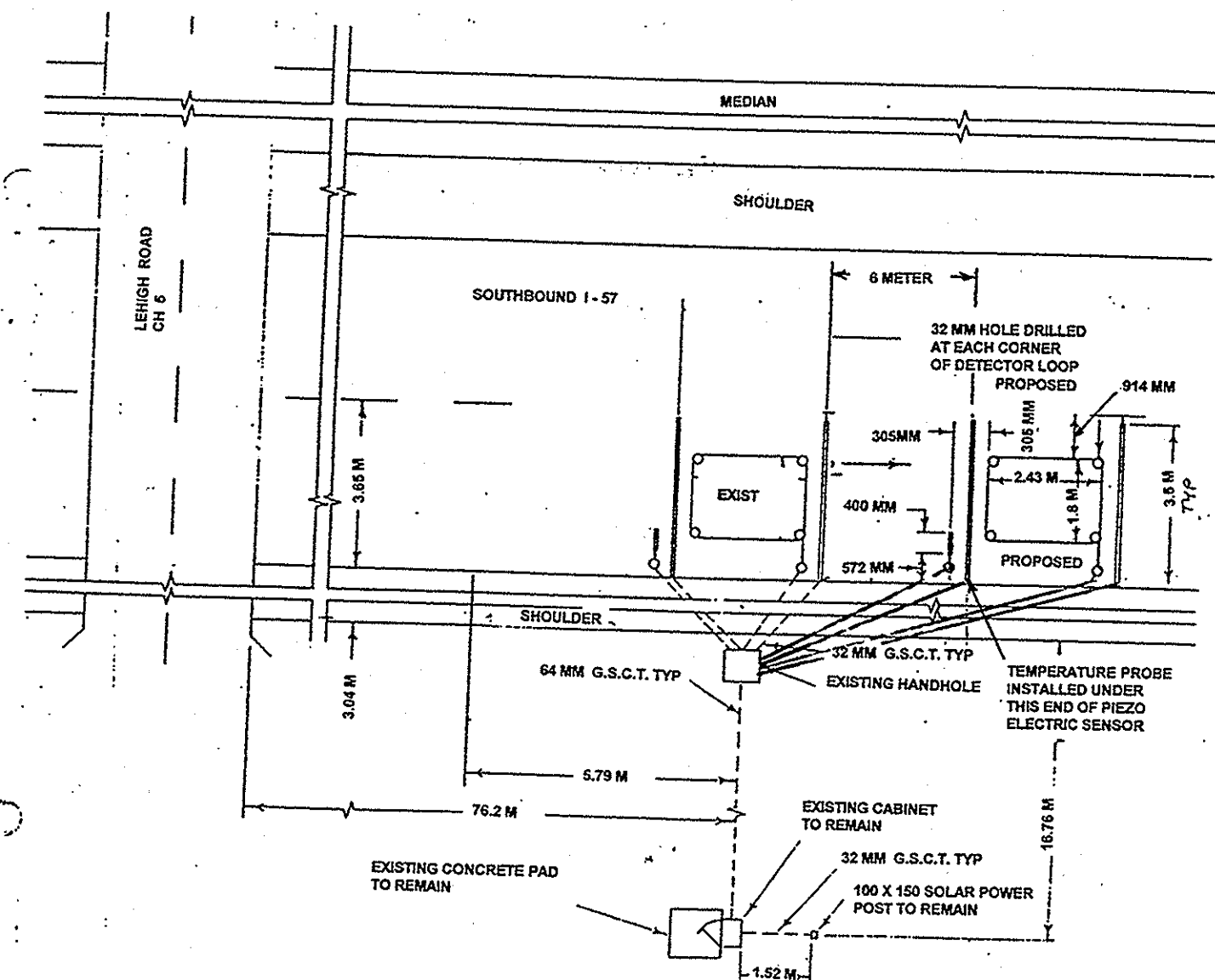
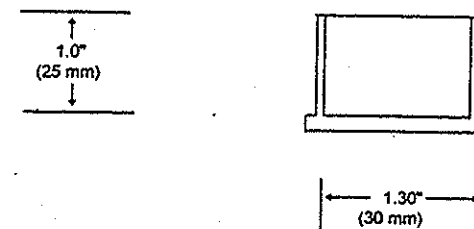
The sensor shall be supplied with 31.09 m (102 ft.) of RG58, 50Ω coaxial transmission cable unless otherwise specified.

Install the sensor in a slot in the road surface approximately 6 mm (1/4 in.) wider and deeper than the piezo sensor.

Use E-Bond, G-100 epoxy grout to install the sensor in the slot in the road surface. Grout curing time is approximately two to three hours at 24 °C (75 °F).

Sensor	Length
Class II	1.75 m (5' 9")

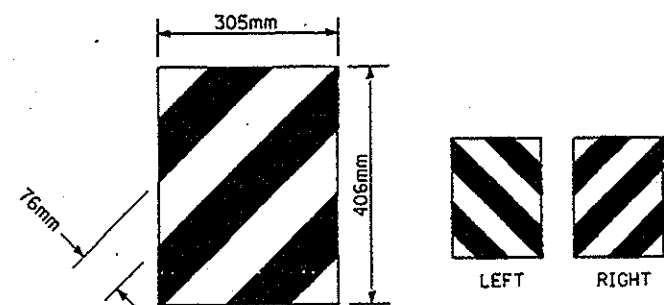
Cross Section of Sensor



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
M.T.T.	11-12-95	DETAILS
DATE		DRAWN BY
		CHECKED BY

REV. 11, 1995
100 X 150 SOLAR POWER POST TO REMAIN
220-2

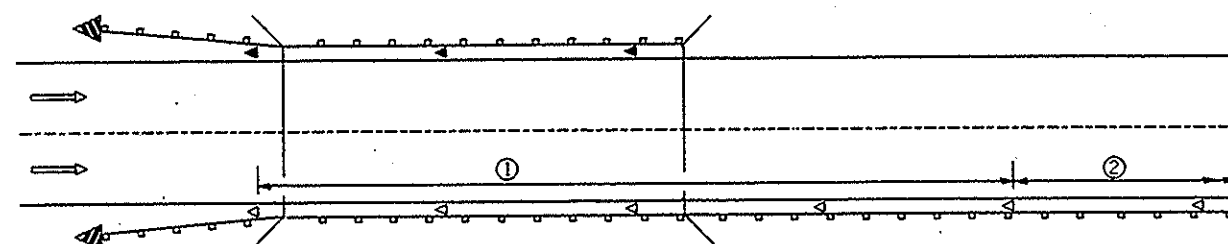
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	27-38.27-1MS	FORD	53	47
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



TERMINAL MARKER DETAILS

Color: Black / Yellow reflectorized

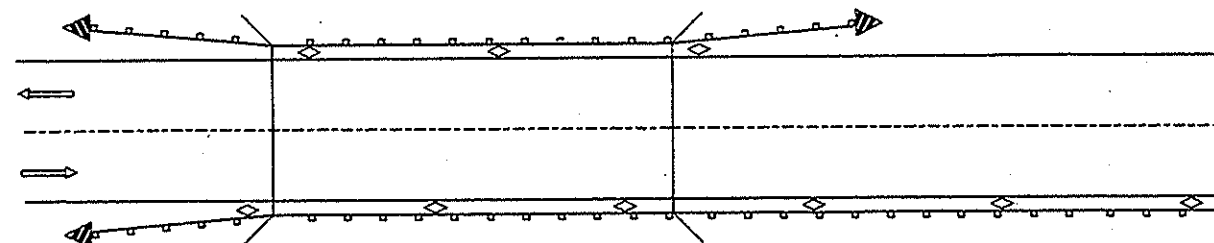
OM - 1100 (L or R) Direct applied reflective sheeting



① Spacing 24m max. for first 122m or curve spacing shown in Standard 635001, whichever is less (min. 4 reflectors regardless of length).

② After 122m, transition to normal delineator spacing shown in Standard 635001, and continue as required.

ONE-WAY TRAFFIC



TWO-WAY TRAFFIC

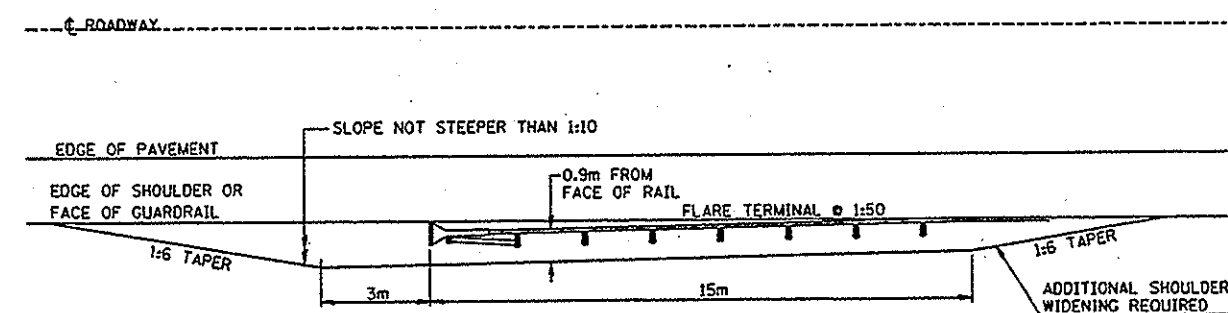
GUARDRAIL / BARRIER WALL /
BRIDGE RAIL REFLECTORS

- ◁ Monodirectional silver
- ◀ Monodirectional amber
- ◇ Bidirectional silver
- ◀ Terminal Marker - Black/Yellow
Left or Right as appropriate

GENERAL NOTES:

GUARDRAIL MARKERS SHALL NOT BE INSTALLED ON THE TBT TYPE 1, SPECIAL

TERMINAL MARKERS SHALL BE APPLIED ON THE FRONT FACE OF THE EXTRUDER TERMINAL.



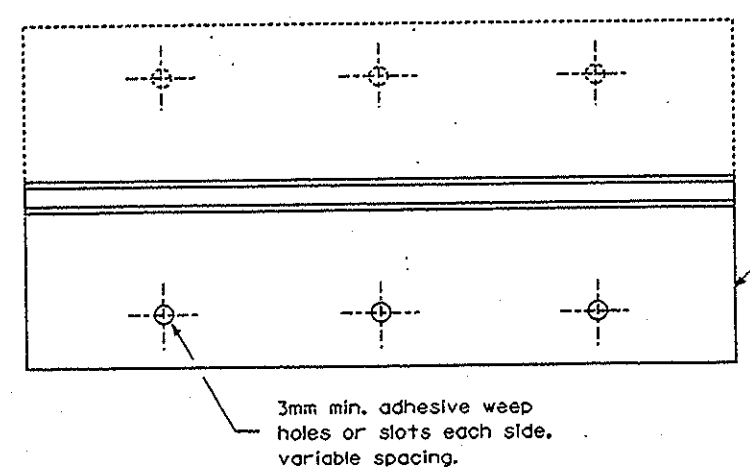
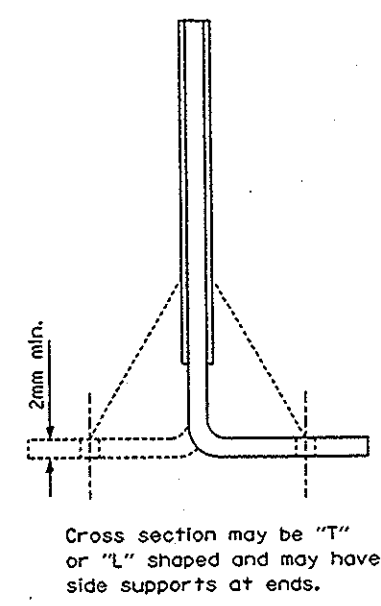
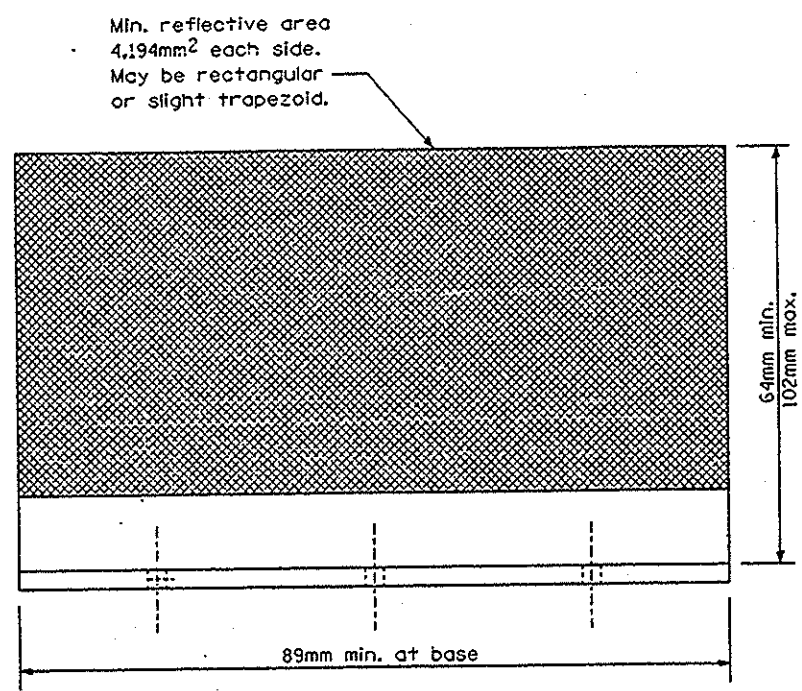
TBT TYPE 1, SPECIAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

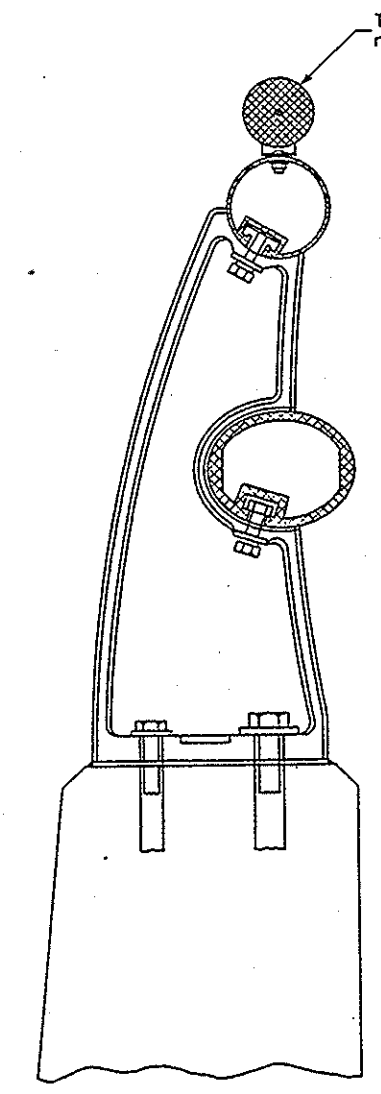
TRAFFIC BARRIER
TERMINAL TYPE 1,
SPECIAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ST	(27-38.27-1RS	FORD	53	48
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

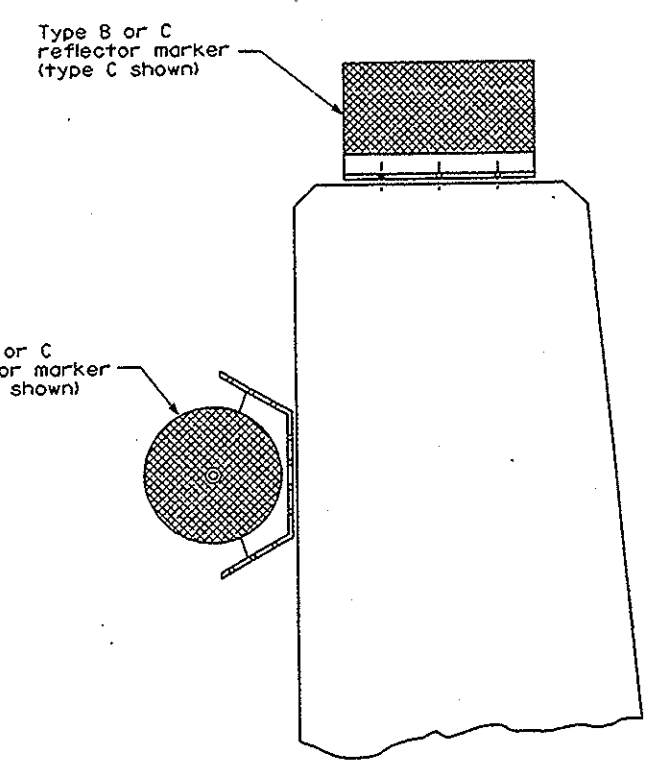


Minimum total area of base 4,516mm²

REFLECTOR MARKER
TYPE C



TYPICAL MOUNTING DETAIL
FOR BRIDGE RAIL REFLECTOR



TYPICAL MOUNTING DETAIL
FOR BARRIER WALL REFLECTOR

REFLECTOR MOUNTING

REVISIONS	
NAME	DATE

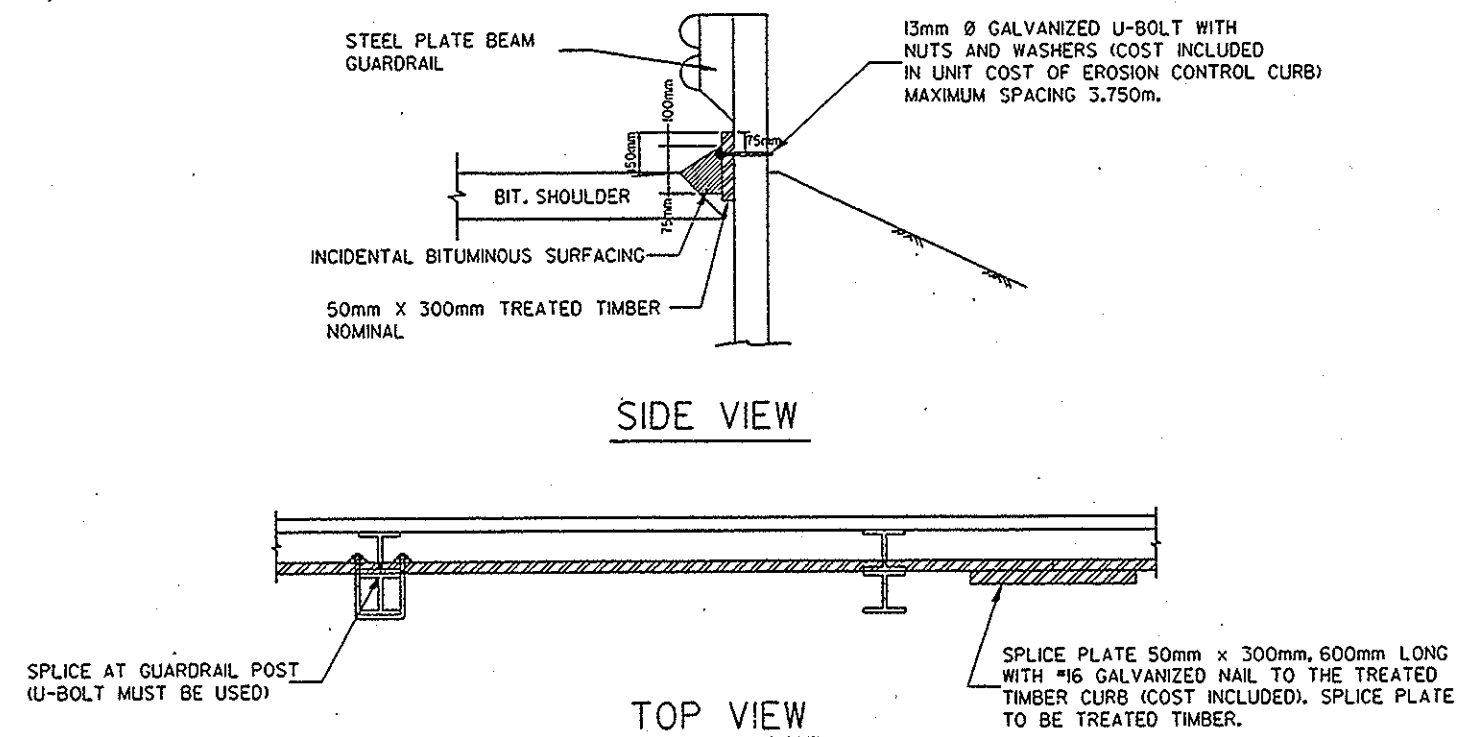
ILLINOIS DEPARTMENT OF TRANSPORTATION

REFLECTOR MARKER
TYPE C

DATE _____ DRAWN BY _____
CHECKED BY _____

OCT. 1986
DETAILS 600699.DGN
630-5, 630-6

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	127-38.27-1RS	FORD	53	49
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



NOTE:

THE TREATED TIMBER SHALL BUTT TOGETHER AT THE GUARDRAIL POST OR SPLICED AS SHOWN ON THE DETAIL.

THE TREATED TIMBER SHALL BE TREATED IN ACCORDANCE TO ARTICLE 1007.12 AND ALL PRESERVATIVES SPECIFIED IN THE ARTICLE WILL BE ALLOWED.

THE PRICE FOR EROSION CONTROL CURB SHALL INCLUDE THE U-BOLTS ATTACHING THE TREATED TIMBER TO THE GUARDRAIL POSTS, TREATED TIMBER, AND THE NECESSARY GRADING TO COMPLETE THIS WORK.

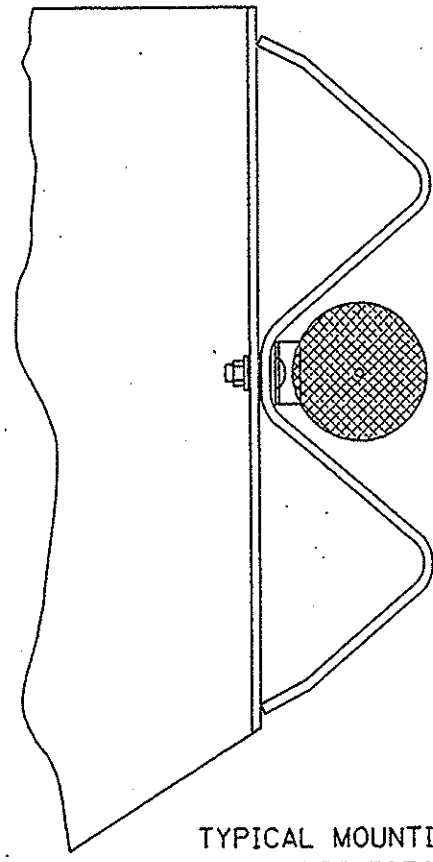
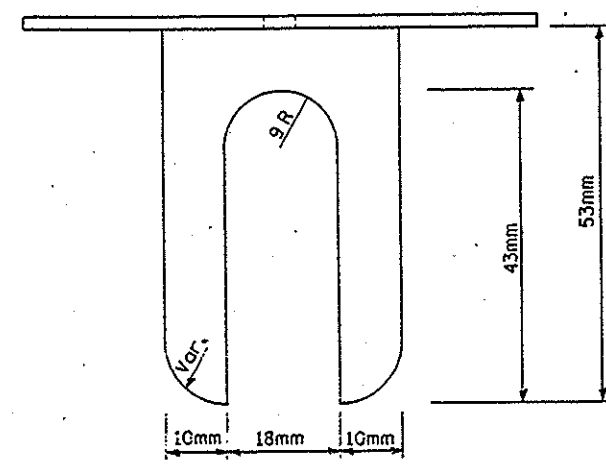
INCIDENTAL BITUMINOUS SURFACING SHALL BE MEASURED AND PAID FOR AT CONTRACT UNIT PRICE PER TON FOR INCIDENTAL BITUMINOUS SURFACING.

THE EROSION CONTROL CURB SHALL BE MEASURED AND PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR EROSION CONTROL CURB.

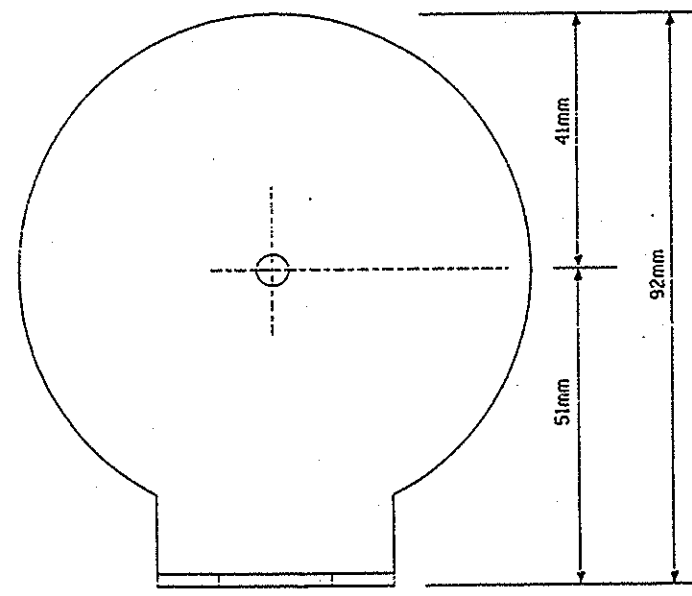
OCT. 1995
DETAILS 600699.DGN
581-1

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		EROSION CONTROL CURB
DATE		DRAWN BY
		CHECKED BY

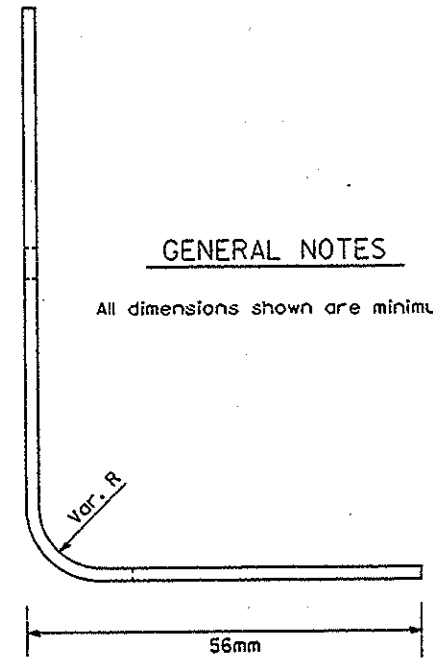
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(27-38.27-1RS	FORD	53	50
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



TYPICAL MOUNTING
WITH REFLECTOR.

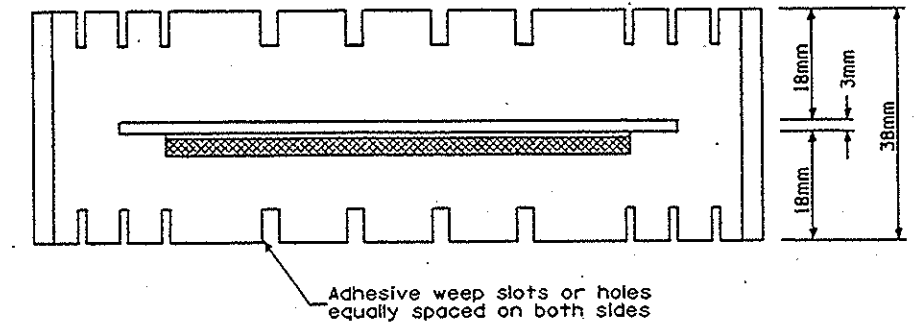


REFLECTOR MARKER
TYPE A

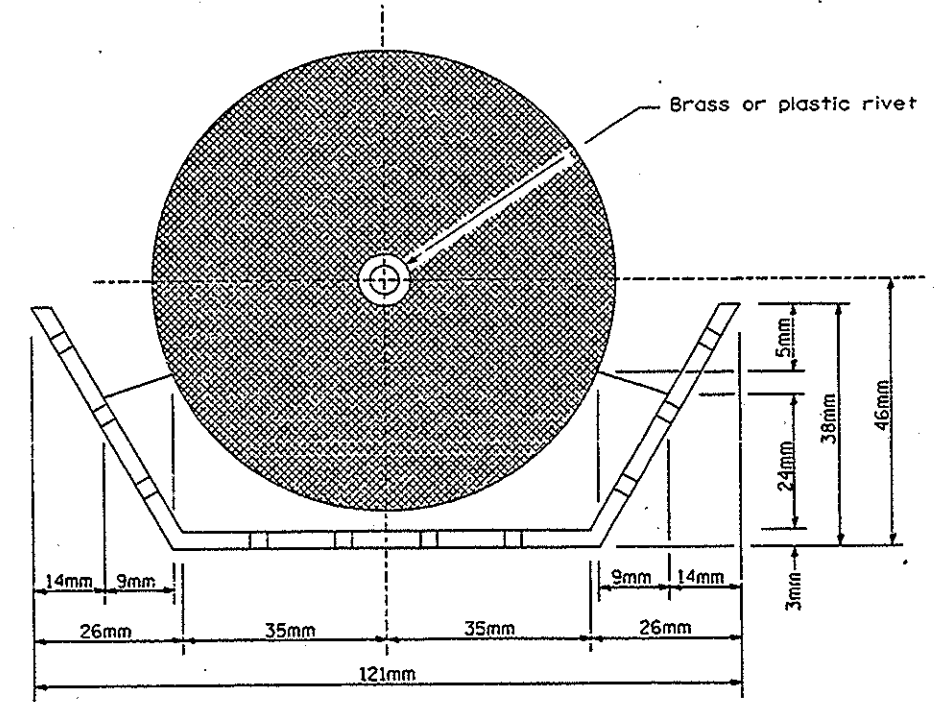


GENERAL NOTES

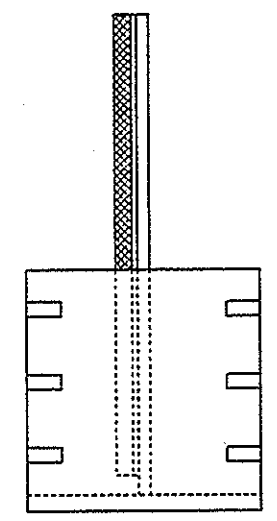
All dimensions shown are minimum.



Adhesive weep slots or holes
equally spaced on both sides



REFLECTOR MARKER
TYPE B

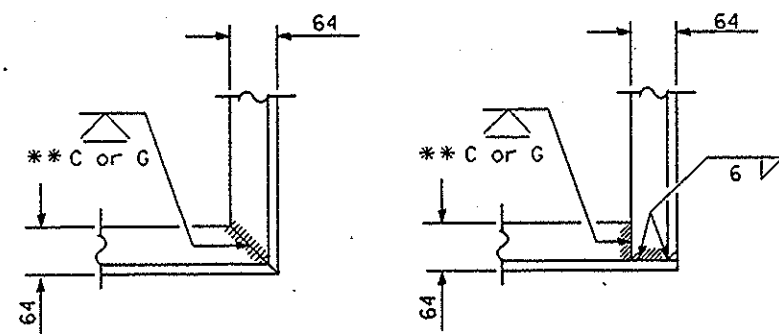


GENERAL NOTES

All dimensions shown are minimum.

OCT. 1995
DETAILS 600699.DGN
630-3, 630-4

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	127-38.27-1RS	FORD	53	57
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

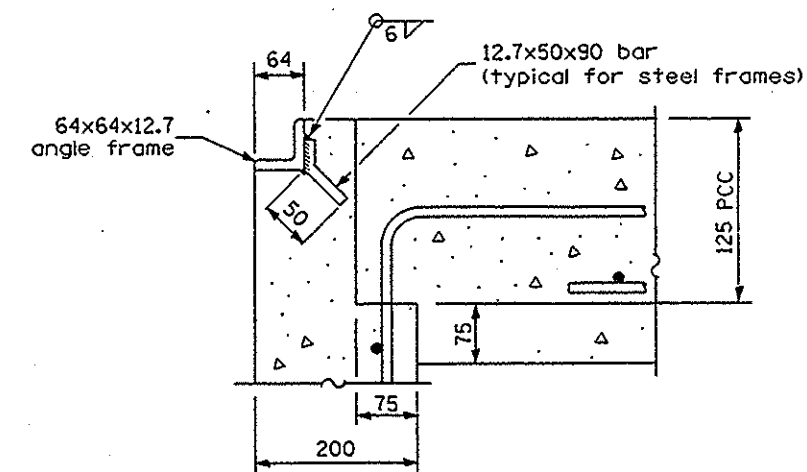


ALT. 1

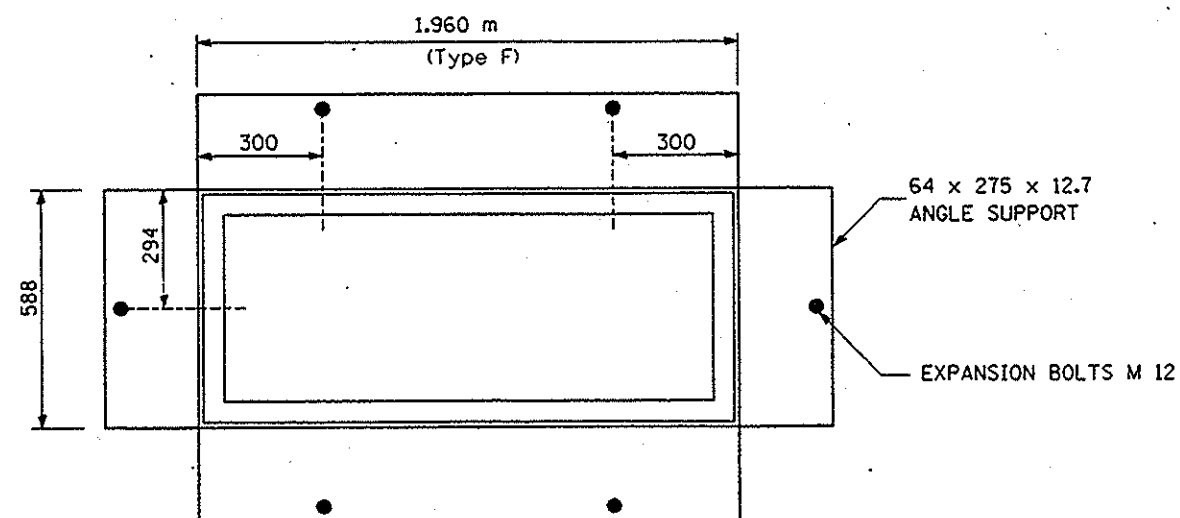
ALT. 2

**TYPICAL CORNER of
STEEL GRATING FRAME**

** Cut or Grind flush

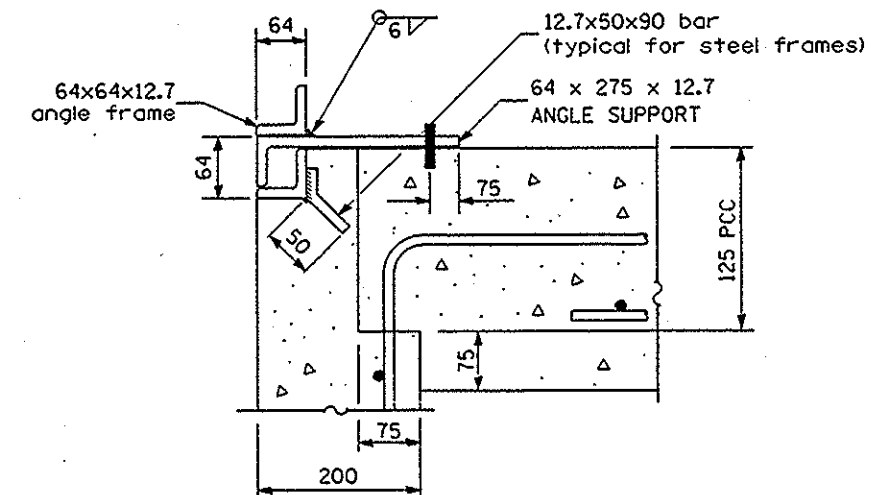


DETAIL A (EXISTING)



DETAIL OF STEEL FRAME

Cast frame to have same basic dimensions.

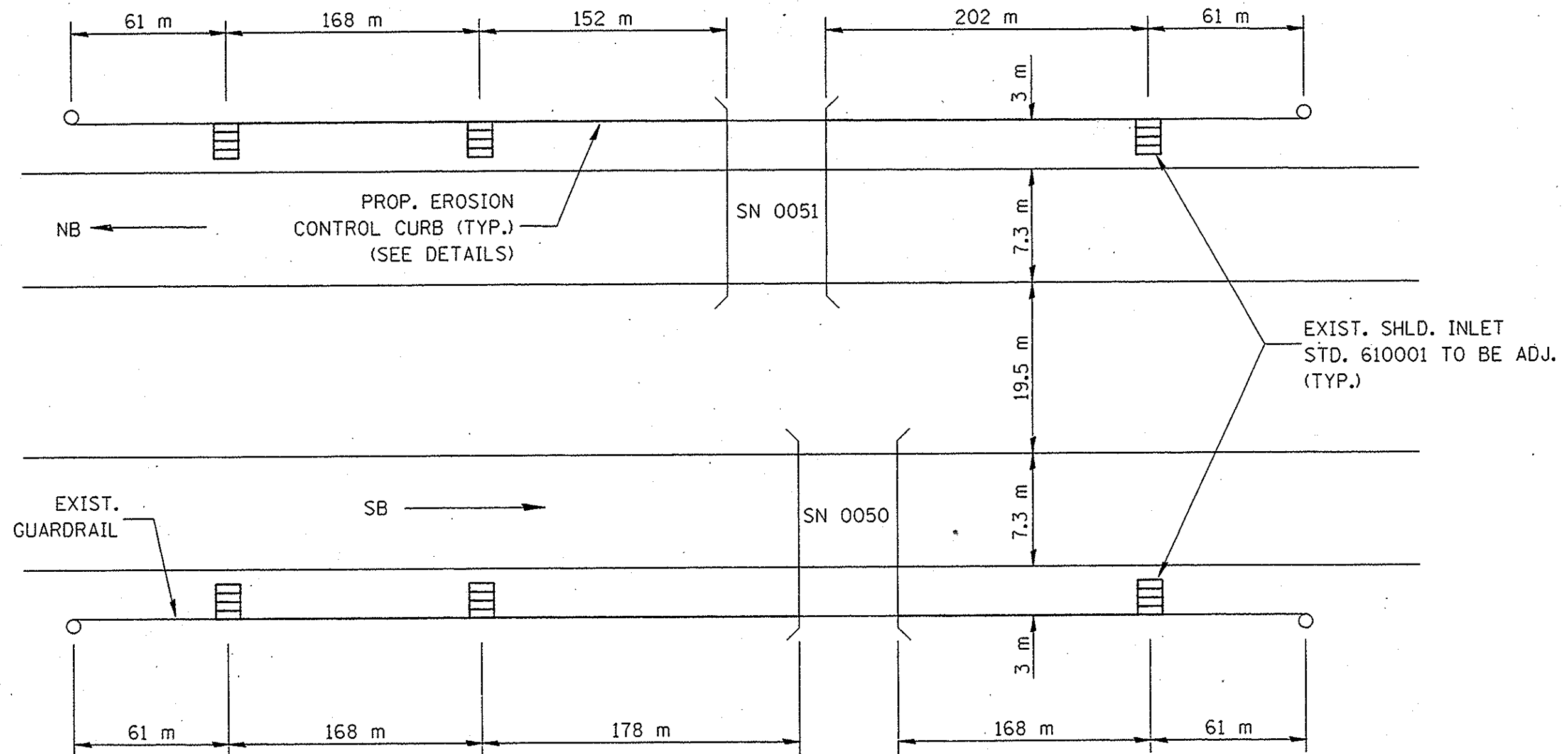


DETAIL A (PROPOSED)

ALL DIMENSIONS ARE IN MILLIMETERS
UNLESS OTHERWISE SHOWN.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		INLETS TO BE ADJUSTED (SPECIAL)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	Q27-38.27-11RS	FORD	53	52
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

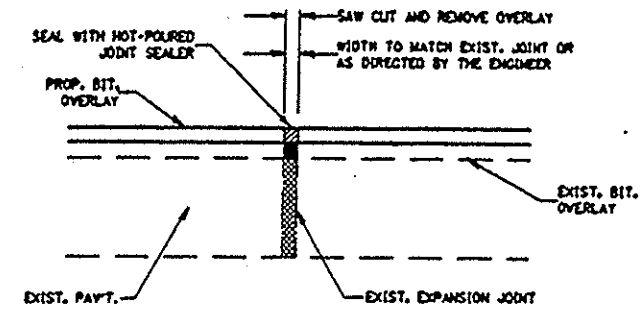


AUG. 20, 1997
ZFB5: (MP02397) DETAILS

REVISIONS	
NAME	DATE
RG	8-20-97

ILLINOIS DEPARTMENT OF TRANSPORTATION
**EXISTING INLET BOX &
EROSION CONTROL
CURB LAYOUT**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	27-38.27-1RS	FORD	53	53
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



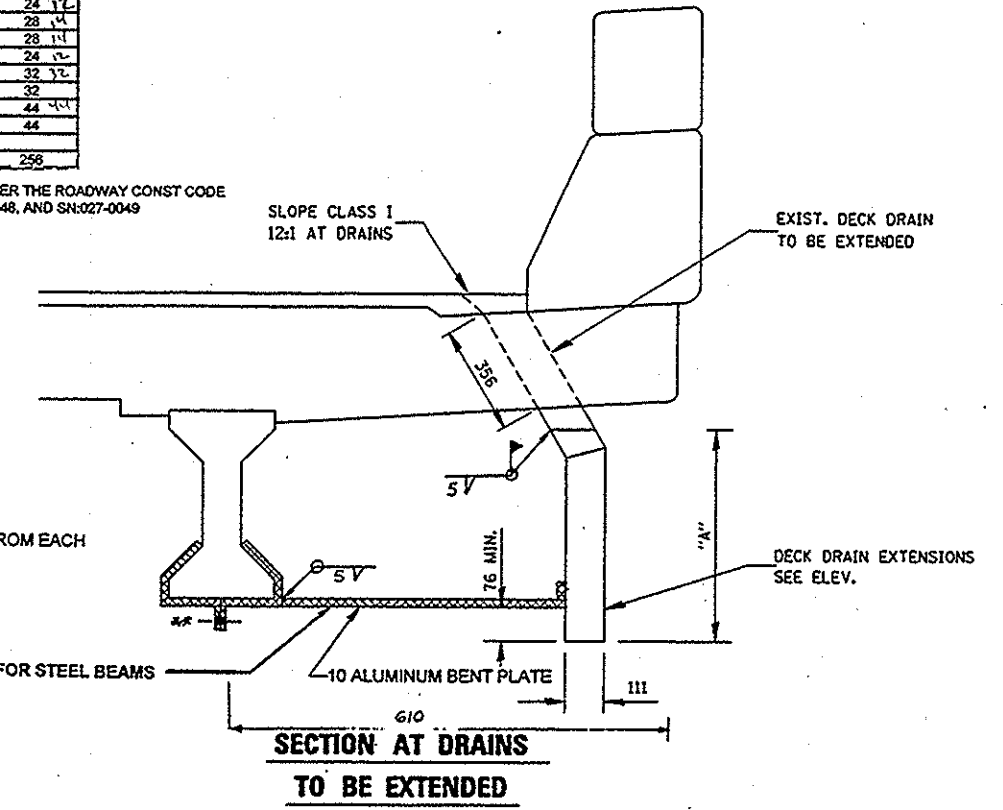
EXPANSION JOINT REHABILITATION DETAIL

GENERAL NOTES:

1. THE NEW BITUMINOUS OVERLAY SHALL BE SAWED, REMOVED, AND THE JOINT AREA CLEANED PRIOR TO PLACING THE HOT-POURED JOINT SEALER. THE JOINT SHALL BE BLOWN OUT WITH COMPRESSED AIR.
2. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER METER FOR EXPANSION JOINT REHABILITATION.

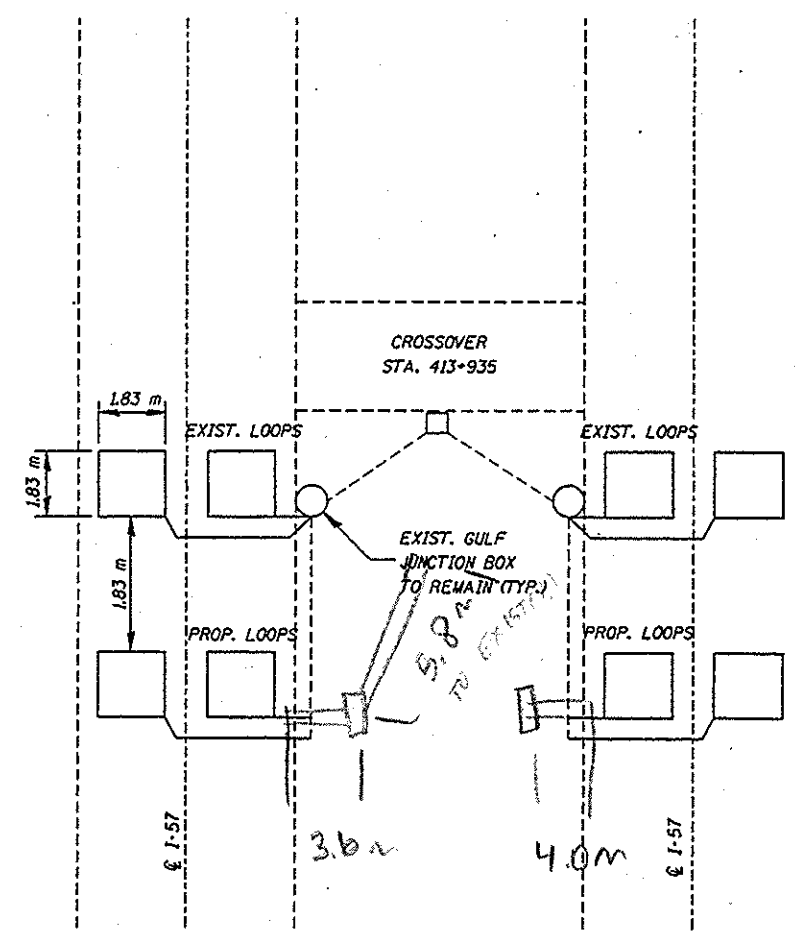
DECK DRAIN EXTENSIONS				
STRUCTURE NUMBER	SIZE	DIMENSION		QUANTITY
		A	B	
027-0028	102 X 305	998	888	24
027-0047	102 X 305	920	790	28
027-0048	102 X 305	920	790	28
027-0049	102 X 305	920	790	24
027-0050	102 X 305	1068	940	32
027-0051	102 X 305	1068	940	32
027-0052	102 X 305	1068	940	44
027-0053	102 X 305	1068	940	44
GRAND TOTAL				256

NOTE: DRAIN EXTENSIONS ARE INCLUDED UNDER THE ROADWAY CONST CODE FOR SN:027-0028, SN:027-0047, SN:027-0048, AND SN:027-0049

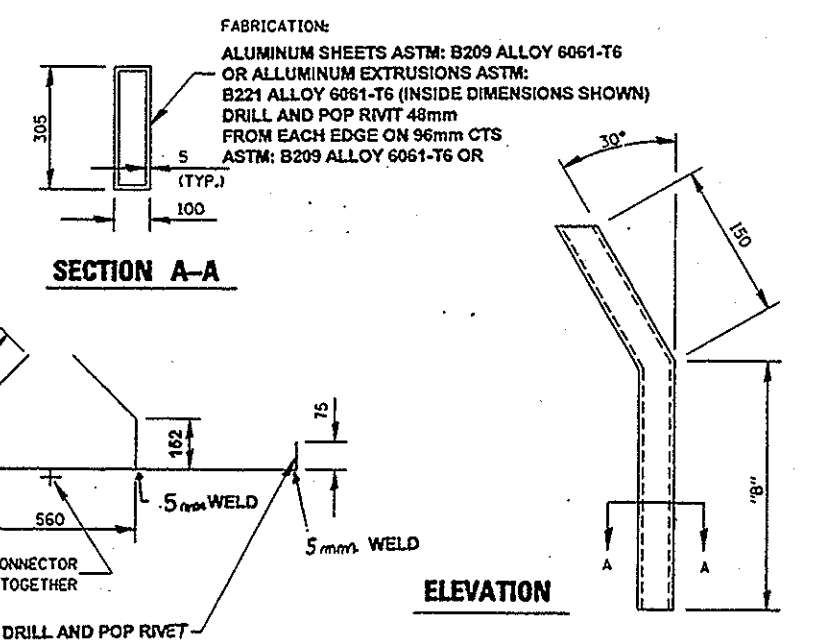


** DRILL AND POP RIVET 48 mm FROM EACH EDGE AND ON 96 mm CTRS.

WIND BRACE WILL NOT BE USED FOR STEEL BEAMS



SEASONAL TRAFFIC COUNT STATION #21G

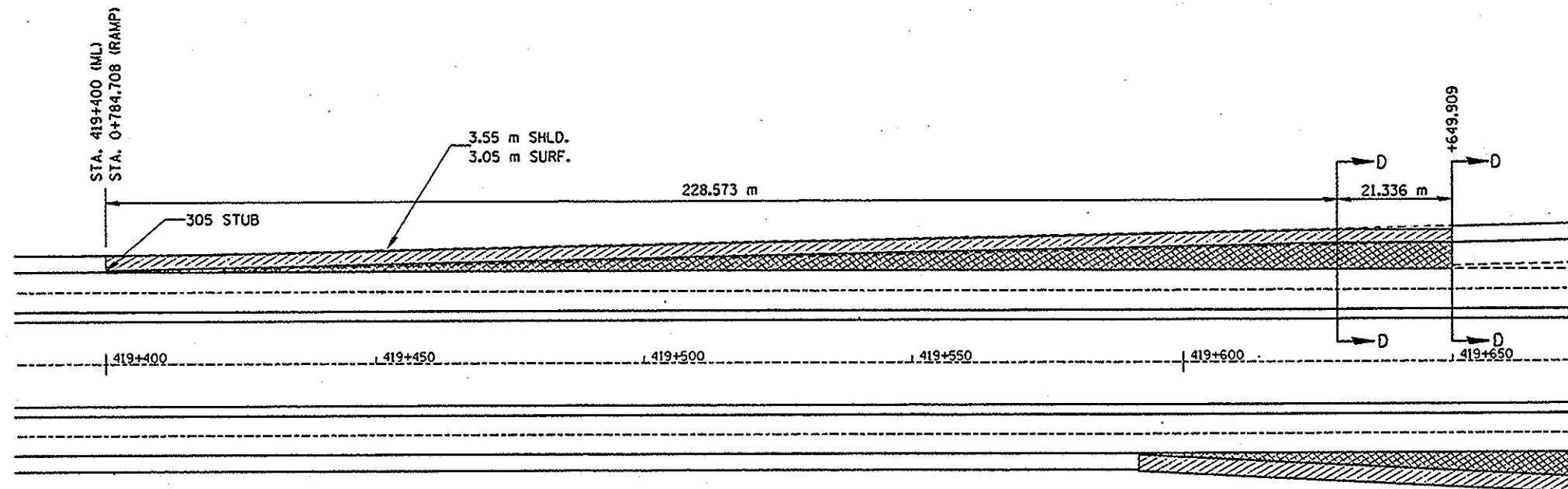


* WIND BRACE
(10 x 50 BAR STOCK)

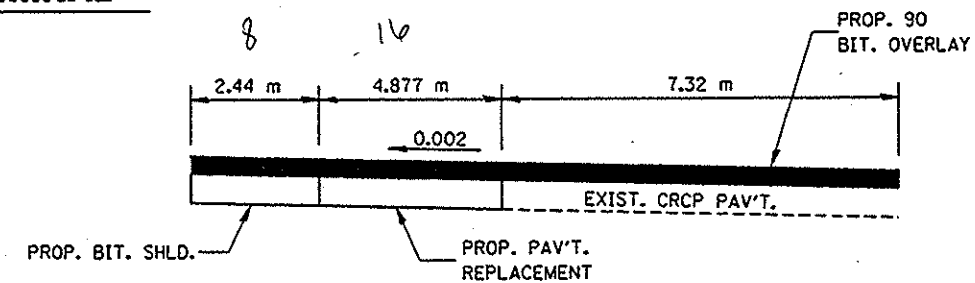
ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN.

AUG. 20, 1997
2F85JMP02397DETAILS.DGN

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	127-38.27-11RS	FORO	53	53A
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

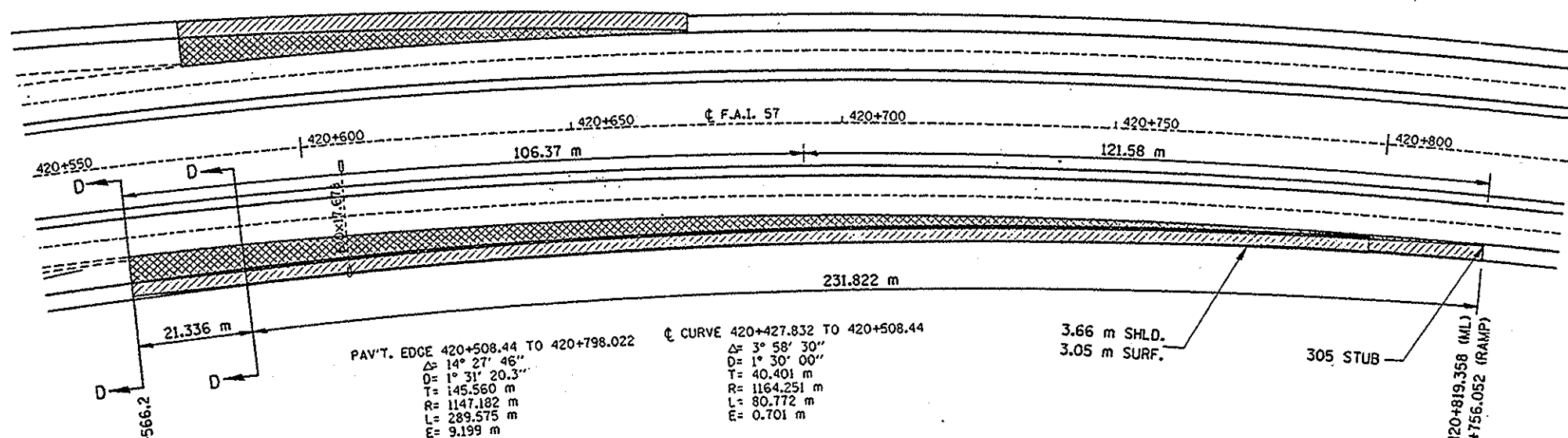


RAMP C - ENTRANCE TERMINAL



NOTE: PAVEMENT REPLACEMENT WILL BE REINFORCED AS PER STANDARD

SECTION D-D



RAMP A - ENTRANCE TERMINAL

REVISED 9-18-97