

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
HIGHWAY PLANS**

FAS 770 /FAU 8890 (ILLINOIS 157)  
SECTION (65,66)RS-5  
PROJECT ACRS-ACM-000V (041)  
RESURFACING  
MADISON COUNTY

C-98-047-11

FAS RTE.	FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
770	8890	(65,66)RS-5	MADISON	76	1
			ILLINOIS	CONTRACT NO. 76E86	

FOR INDEX OF SHEETS, SEE SHEET NO. 2  
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 4

**TRAFFIC DATA**

IL-157 FROM IL-143 TO ANN STREET

2015 ADT = 6025

S.U. = 2.7% M.U. = 0.8%

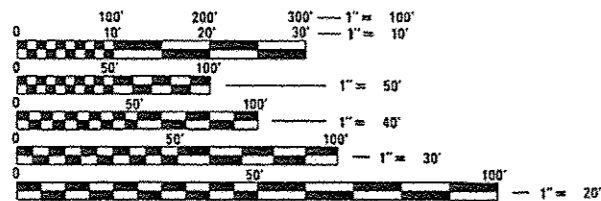
IL-157 FROM ANN STREET TO IL-140

2015 ADT = 3938

S.U. = 2.6% M.U. = 0.7%

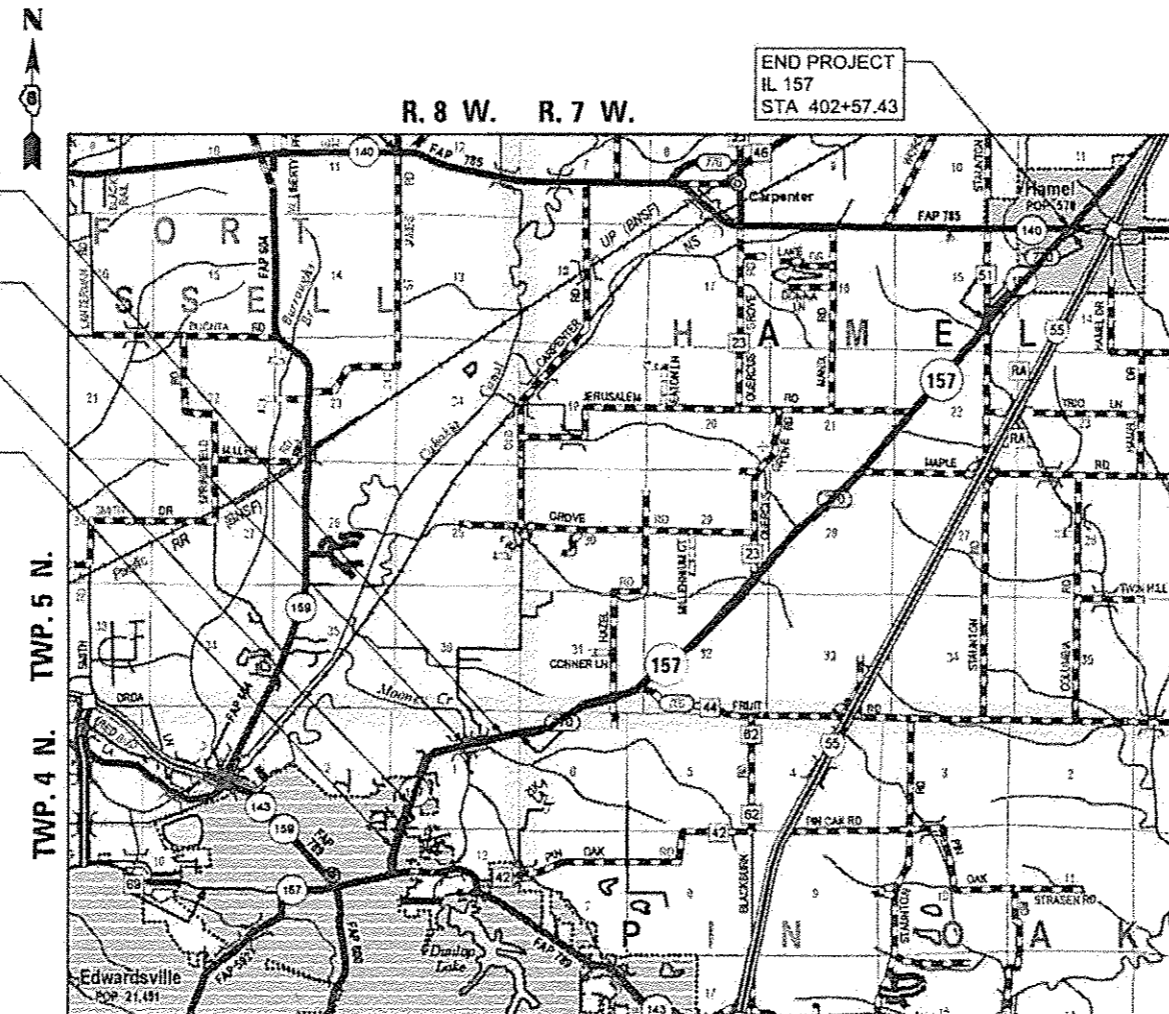
**TOWNSHIPS:**

HAMEL  
PIN OAK  
EDWARDSVILLE



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



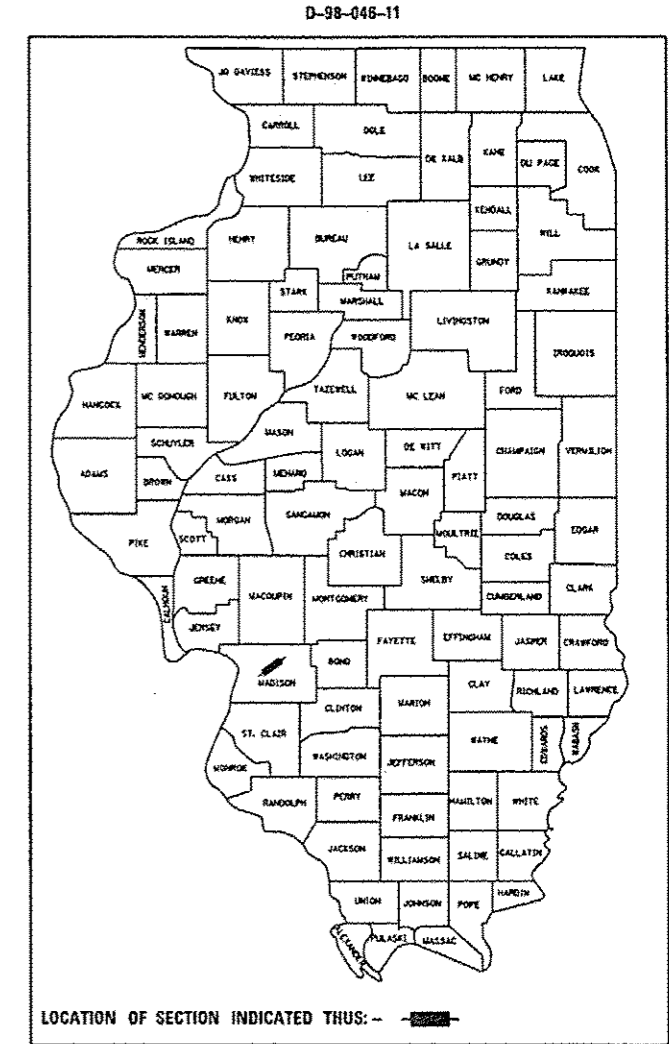
END OMISSION  
IL 157  
STA 68+52.00

BEGIN OMISSION  
IL 157  
STA 47+58.00

EQUATION  
STA 33+46.60=  
STA 3+65.57

BEGIN PROJECT  
IL 157  
STA 15+80.00

END PROJECT  
IL 157  
STA 402+57.43



LICENSED PROFESSIONAL ENGINEER  
TIMOTHY F. NITTLER  
662-056117  
STATE OF ILLINOIS

SEAL

SIGNATURE: *Timothy F. Nittler*

DATE SIGNED: 6/26/2015

LICENSE EXPIRATION DATE: 11/30/2015

THIS SEAL APPLIES TO SHEETS: 1-76

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED: *Sept 30 2015*

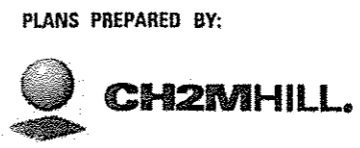
DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER  
*John D. Baranzelli PE*

actng ENGINEER OF DESIGN AND ENVIRONMENT  
*Omer Osman PE*

DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PROJECT ENGINEER: MICHAEL PRITCHETT (618) 346-3180  
DESIGNER: MICHAEL BERG (618) 346-3207  
CONTRACT NO. 76E86

GROSS LENGTH = 41658.46 = 7.89 MILE (IL 157 RESURFACING)  
NET LENGTH = 39564.34 = 7.49 MILE (IL 157 RESURFACING)  
OMISSION FROM STATION 47+58 TO STATION 68+52  
CENTERLINE 1 FROM STATION 15+80 TO STATION 33+47  
CENTERLINE 2 FROM STATION 3+66 TO STATION 402+57



PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

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701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS > 45 MPH
701336-06	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS > 45 MPH
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**COMMITMENTS**

NONE

**GENERAL NOTES**

- ILLINOIS STATE LAW REQUIRES A 48 HOUR NOTICE BE GIVEN TO ALL UTILITIES WITHIN THE PROJECT AREA BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:
  - AMEREN ILLINOIS (GAS & ELECTRIC)
  - AT&T ILLINOIS (COMMUNICATIONS)
  - BUCKEYE PARTNERS L.P. WOOD RIVER PIPELINE (PIPELINE)
  - CHARTER COMMUNICATIONS, INC. (CABLE TV)
  - CONSOLIDATED COMMUNICATIONS, INC. (COMMUNICATIONS)
  - CITY OF EDWARDSVILLE (ELECTRIC)
  - CITY OF EDWARDSVILLE PUBLIC WORKS (WATER & SANITARY SEWER)
  - VILLAGE OF HAMEL (WATER & SANITARY SEWER)
  - KEYSTONE PIPELINE (PIPELINE)
  - MADISON TELEPHONE COMPANY (COMMUNICATIONS)
  - MARATHON PIPELINE LLC (PIPELINE)
  - NORTHEAST CENTRAL COUNTY PUBLIC WATER DIST. (WATER)
  - PAE TEC (COMMUNICATIONS)
  - PLAINS MARKETING, L.P. (PIPELINE)
  - SOUTHWESTERN ELECTRIC COOPERATIVE, INC. (ELECTRIC)

MEMBERS OF J.U.L.I.E. CALL TOLL FREE (800) 892-0123 OR 811 AND ARE INDICATED BY\*. NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.
- THE THICKNESS OF HOT-MIX ASPHALT MIXTURE 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 HOT-MIX ASPHALT MIXTURE IS PLACED.
- THE USE OF VIBRATORY ROLLERS WILL NOT BE PERMITTED WITHIN THE CITY LIMITS FOR THIS PROJECT. THIS DOES NOT RELIEVE THE CONTRACTOR OF DENSITY REQUIREMENTS FOR THE CONSTRUCTION OF THE BITUMINOUS PAVEMENTS AS SPECIFIED IN SECTIONS 406 & 407 OF THE STANDARD SPECIFICATIONS.
- AN ESTIMATED QUANTITY OF 5425 TONS OF CUTTINGS FROM THE HOT-MIX ASPHALT SURFACE REMOVAL OPERATIONS IS ANTICIPATED.
- NO OVERNIGHT LANE CLOSURES WILL BE PERMITTED.
- IF THE CONTRACTOR, FOR HIS CONSTRUCTION ACTIVITY, REMOVES TREES WITHIN THE RIGHT-OF-WAY LIMITS WHICH ARE NOT DESIGNATED ON THE PLANS FOR REMOVAL, I.E. IN ORDER TO GAIN ACCESS TO THE PROJECT SITE; IT WILL BE HIS RESPONSIBILITY TO REPLACE THE TREES AT A 1:1 RATIO. THE TREES WILL BE REPLACED WITH A 1 GALLON NATIVE ILLINOIS TREE SPECIES AND SHALL BE APPROVED BY THE ENGINEER. THE TREE REMOVAL AND TREE REPLACEMENT WILL BE AT THE CONTRACTOR'S EXPENSE, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- PROPERTY LINES AND/OR EXISTING ROW SHOWN IS APPROXIMATE.
- THE RESIDENT ENGINEER SHALL VERIFY THE EXISTENCE OF HIGHWAY LIGHTING AND/OR INTELLIGENT TRANSPORTATION SYSTEMS (I.T.S) UTILITIES WITHIN THE PROJECT LIMITS. IF HIGHWAY LIGHTING AND/OR I.T.S. EXISTS WITHIN THE PROJECT LIMITS, AND IF THESE ITEMS REQUIRE LOCATING, THE CONTRACTOR SHALL BE DIRECTED TO DO SO ACCORDING TO SECTION 803 OF THE STANDARD SPECIFICATIONS. THIS WORK SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL PROVIDE POSITIVE AND ADEQUATE DRAINAGE AT ALL TIMES.
- THE DEPARTMENT STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND THEIR APPROVED SUB-CONTRACTORS TO HIRE MINORITY, WOMEN AND DISADVANTAGED INDIVIDUALS FROM ITS FEDERALLY FUNDED HIGHWAY CONSTRUCTION CAREERS TRAINING PROGRAM (HCCTP) TO HELP MEET WORK FORCE AND TRAINEE GOALS. THIS PROGRAM IS TRAINING MINORITIES, WOMEN AND DISADVANTAGED INDIVIDUALS IN HIGHWAY CONSTRUCTION-RELATED SKILLS, E.G., MATH FOR THE TRADES, JOB READINESS, TECHNICAL SKILLS COURSEWORK (CARPENTRY, CONCRETE FLATWORK, BLUEPRINT READING, SITE PLANS, SITE WORK, TOOLS USE, ETC.) AND OSHA 10 HOUR CERTIFICATION, TO PREPARE THEM FOR A CAREER IN THE HIGHWAY CONSTRUCTION TRADES. GRADUATES ARE WELL-TRAINED AND READY TO BECOME PRODUCTIVE ENTRY-LEVEL CONSTRUCTION WORKERS. CONTACT THE DISTRICT 8 EEO OFFICE AT 618-346-3360 AND/OR THE HCCTP COORDINATOR AT 618-874-6528 TO LEARN MORE ABOUT THE PROGRAM AND FOR ASSISTANCE IN MEETING WORKFORCE AND TRAINEE GOALS.
- "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT EACH END OF THE PROJECT PLUS THE INTERSECTING SIDE ROADS, AND WILL CONSIDERED INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE 48"X48" FLUORESCENT ORANGE.
- ONLY SHORT TERM PAVEMENT MARKING REMOVAL FROM THE FINAL SURFACE SHALL BE PAID FOR AS "WORKZONE PAVEMENT MARKING REMOVAL".
- EXISTING RIGHT OF WAY WAS DRAWN FROM MICROFILM AND SHOULD BE CONSIDERED APPROXIMATE.
- THE CONTRACTOR SHALL BE AWARE THAT THERE ARE MANHOLES & VALVES LOCATED WITHIN THE RESURFACING LIMITS. CARE SHALL BE TAKEN IN THESE LOCATIONS DURING MILLING OPERATIONS.

REV.

FILE NAME: 0876E86-ahg-gennote-01.dgn <b>CH2MHILL</b>	USER NAME: jhoffma8	DESIGNED: DP	REVISED:	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, GENERAL NOTES, & LIST OF STANDARDS IL 157	PAS. RTE.:	FAU. RTE.:	SECTION:	COUNTY:	TOTAL SHEETS:	SHEET NO.:
	PLOT SCALE: 1/8"=1'-0"	CHECKED: TN	REVISED:			770	8890	(65,66)RS-5	MADISON	76	2
	PLOT DATE: 6/24/2015	DATE: 6/26/2015	REVISED:		SCALE: 1"=1'	SHEET NO. 1 OF 2 SHEETS		CONTRACT NO. 76E86		ILLINOIS RESURFACING	

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

APPLICATION RATES:	
AGGREGATE MATERIALS	2.05 TONS/CU YD
GRANULAR MATERIALS	2.05 TONS/CU YD

FOR SEEDED AREAS:

NITROGEN FERTILIZER NUTRIENT	90 LBS/ACRE
PHOSPHORUS FERTILIZER NUTRIENT	90 LBS/ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LBS/ACRE

17. THE FOLLOWING HMA MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

HMA MIXTURE REQUIREMENTS:

ROUTE	FAS770 / FAU8890
SECTION	(65,66)RS-5
COUNTY	MADISON
CONTRACT	76E86

DESCRIPTION:	3P RESURFACING ON IL 157 FROM IL 140 IN HAMEL TO 0.12 MILE NORTH OF IL 143/157 E JCT IN EDWARDSVILLE.
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ADT (Construction Yr):	6400
MU%:	0.32
SUR%:	3.91
20 YR ESALS:	0.38

MIXTURE USE	SURFACE	INCIDENTAL	LEVEL BINDER	BINDER/WIDENING	BASE COURSE
AC/PG	PG 64-22	PG 94-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70
MIX COMPOSITION (Gradation)	IL 9.5	IL 9.5	IL 9.5 FG	IL 19.0	IL 19.0
FRICITION AGG	MIXTURE "D"	MIXTURE "D"	MIXTURE "C"	MIXTURE "B"	MIXTURE "B"
QUALITY MGMT PROGRAM	QCP	QC/QA	QCP	QCP	QC/QA

MIXTURE USE	SHOULDERS > 2.25"	SHOULDERS < 2.25"			
AC/PG	PG 64-22	PG 94-22			
RAP % (MAX)	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION			
DESIGN AIR VOIDS	4.0% @ Ndes=30	4.0% @ Ndes=30			
MIX COMPOSITION (Gradation)	IL 19.0L	IL 9.5L			
FRICITION AGG					
QUALITY MGMT PROGRAM	QCP	QC/QA			

18. THE QUALITY CONTROL FOR PERFORMANCE ITEMS AND QUANTITIES ARE AS FOLLOWS:

- HMA SURFACE COURSE, MIX "D", N70, IL 9.5 - 9260 TONS
- LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N70 - 4855 TONS
- HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 - 3581 TONS

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT MIXTURES IS 0.056 TONS/SQ YD/INCH.

19. FOR CLASS B PATCHES, THE REINFORCEMENT SHALL BE PLACED TO MATCH THE EXISTING CONCRETE PAVEMENT REINFORCEMENT, SEE SECTION 442 OF STANDARD SPECIFICATIONS AND STANDARD 442101 FOR DETAILS.

FILE NAME =	USER NAME = jhoffma5	DESIGNED - DP	REVISED -
DB76E86-htr-gennase-81.dgn		DRAWN - JH	REVISED -
<b>CH2MHILL</b>	PLOT SCALE = 1/8" = 1'	CHECKED - TN	REVISED -
	PLOT DATE = 6/23/2015	DATE - 6/26/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, GENERAL NOTES, & LIST OF STANDARDS  
IL 157

SCALE: 1"=1' SHEET NO. 2 OF 2 SHEETS

FAS RTE.	FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
770	8890	(65,66)RS-5	MADISON	76	3
				CONTRACT NO. 76E86	
ILLINOIS RESURFACING					

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				0700A	M22EA	M23EM	M2E2D
				FAU 8890	FAU 8890	FAS 770	FAS 770
				50% CITY / 50% STATE ROADWAY	80% FED / 20% STATE ROADWAY	80% FED / 20% STATE ROADWAY	80% FED / 20% STATE ROADWAY
				0005	0005	0005	0005
				URBAN	URBAN	URBAN	RURAL
20200100	EARTH EXCAVATION	CU YD	2180	0	165	480	1535
20400800	FURNISHED EXCAVATION	CU YD	335	0	0	137	198
25000210	SEEDING, CLASS 2A	ACRE	5.75	0	0.37	1.53	3.85
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	513	0	33	135	345
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	513	0	33	135	345
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	513	0	33	135	345
25100105	MULCH, METHOD 1	ACRE	11.50	0	0.75	3.05	7.70
25100630	EROSION CONTROL BLANKET	SQ YD	27678	0	1592	7551	18535
28000400	PERIMETER EROSION BARRIER	FOOT	564	0	0	0	564
28100707	STONE DUMPED RIPRAP, CLASS A4	SQ YD	134	0	0	82	52
28200200	FILTER FABRIC	SQ YD	16	0	0	0	16
31100910	SUBBASE GRANULAR MATERIAL, TYPE A 12"	SQ YD	167	0	0	0	167
31101900	SUBBASE GRANULAR MATERIAL, TYPE C	TON	328	0	0	217	111
35501320	HOT-MIX ASPHALT BASE COURSE, 9"	SQ YD	167	0	0	0	167

FILE NAME \* 0876E86-INT-SC0.dgn  
**CH2MHILL**

USER NAME \* jhoffmas  
DESIGNED - DP  
DRAWN - JH  
CHECKED - TN  
DATE - 6/26/2015

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES  
IL 157  
SCALE: SHEET NO. 1 OF 8 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(65.66)RS-5	MADISON	76	4
CONTRACT NO. 76E86			ILLINOIS RESURFACING	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				FAU 8890		FAS 770	
				50% CITY / 50% STATE	80% FED / 20% STATE	80% FED / 20% STATE	80% FED / 20% STATE
				ROADWAY	ROADWAY	ROADWAY	ROADWAY
				0005	0005	0005	0005
				URBAN	URBAN	URBAN	RURAL
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	77452	1067	7885	16123	52377
40600637	LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N70	TON	4832	62	491	1048	3231
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	761	0	106	306	349
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	248	0	49	65	134
40600990	TEMPORARY RAMP	SQ YD	82	0	27	24	31
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0. N70	TON	3581	0	300	814	2467
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	9260	133	971	1996	6160
40800025	BITUMINOUS MATERIALS (PRIME COAT)	POUND	974	0	218	181	575
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	91	0	20	17	54
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	759.0	0	759.0	0	0
42400800	DETECTABLE WARNINGS	SQ FT	36	0	36	0	0
44000152	HOT-MIX ASPHALT SURFACE REMOVAL, 3/4"	SQ YD	103115	0	7100	23760	72255
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	6951	1456	4578	0	917
44000300	CURB REMOVAL	FOOT	47	0	47	0	0

• SPECIAL PROVISION REQUIRED

FILE NAME =  
0876E86\*rtv-500.dgn  
**CH2MHILL**

USER NAME = jhoffma5	DESIGNED - DP	REVISED -
DRAWN - JH	REVISIONS -	
CHECKED - TN	REVISIONS -	
DATE - 6/26/2015	REVISIONS -	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES  
IL 157

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(65,66)RS-5	MADISON	76	5
CONTRACT NO. 76E86				
ILLINOIS RESURFACING				

SCALE: SHEET NO. 2 OF 8 SHEETS

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				FAU 8890	FAU 8890	FAS 770	
				50% CITY / 50% STATE ROADWAY	80% FED / 20% STATE ROADWAY	80% FED / 20% STATE ROADWAY	80% FED / 20% STATE ROADWAY
				0005 URBAN	0005 URBAN	0005 URBAN	0005 RURAL
44000400	GUTTER REMOVAL	FOOT	3316	0	0	2835	481
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	310	0	40	0	270
44000600	SIDEWALK REMOVAL	SQ FT	640	0	640	0	0
44003100	MEDIAN REMOVAL	SQ FT	1500	0	1500	0	0
44201007	CLASS B PATCHES, TYPE II, 13 INCH	SQ YD	146	0	104	16	26
44201011	CLASS B PATCHES, TYPE III, 13 INCH	SQ YD	56	0	36	0	20
44201013	CLASS B PATCHES, TYPE IV, 13 INCH	SQ YD	858	0	685	133	40
44201299	DOWEL BARS 1 1/2"	EACH	624	0	484	60	80
44213100	PAVEMENT FABRIC	SQ YD	914	0	721	133	60
44213200	SAW CUTS	FOOT	3034	0	2070	444	520
44213204	TIE BARS 3/4"	EACH	291	0	228	49	14
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	52101	0	4248	11198	36655
48100500	AGGREGATE SHOULDERS, TYPE A 6"	SQ YD	155	0	0	0	155
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	4365	0	408	772	3185

FILE NAME \* 0876295-ahs-500.dgn  
**CH2MHILL**

USER NAME * jneffm03	DESIGNED - DP	REVISED -
PLOT SCALE * 100.0000' / 1"	DRAWN - JH	REVISED -
PLOT DATE * 6/23/2015	CHECKED - TN	REVISED -
	DATE - 6/26/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES  
IL 157

SCALE: SHEET NO. 3 OF 8 SHEETS

F.A.P. RTE. 592	SECTION 165.661R5-5	COUNTY MADISON	TOTAL SHEETS 76	SHEET NO. 6
			CONTRACT NO. 76E86	

ILLINOIS RESURFACING

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				FAU 8890	FAU 8890	FAS 770	
				50% CITY / 50% STATE ROADWAY	80% FED / 20% STATE ROADWAY	80% FED / 20% STATE ROADWAY	80% FED / 20% STATE ROADWAY
				0005 URBAN	0005 URBAN	0005 URBAN	0005 RURAL
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SO YD	12000	0	1015	2460	8525
48203100	HOT-MIX ASPHALT SHOULDERS	TON	575	0	16	16	543
50105220	PIPE CULVERT REMOVAL	FOOT	10	0	0	0	10
50200100	STRUCTURE EXCAVATION	CU YD	5	0	0	0	5
54215553	METAL END SECTIONS 18"	EACH	1	0	0	0	1
60105200	PIPE DRAINS, CORRUGATED STEEL OR ALUMINUM ALLOY 18"	FOOT	8	0	0	0	8
60255700	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	1	0	0	0	1
60403400	GRATES, TYPE A	EACH	3	0	0	0	3
60500060	REMOVING INLETS	EACH	1	0	0	0	1
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	35.4	0	0	27.1	8.3
60600605	CONCRETE CURB, TYPE B	FOOT	29.0	0	29.0	0	0
60602500	CONCRETE GUTTER, TYPE A	FOOT	2720.0	0	0	2266.5	453.5
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	28.5	0	28.5	0	0
60608572	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.18	FOOT	5.0	0	5.0	0	0

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				FAU 8890	FAU 8890	FAS 770	
				50% CITY / 50% STATE ROADWAY	80% FED / 20% STATE ROADWAY	80% FED / 20% STATE ROADWAY	80% FED / 20% STATE ROADWAY
				0005 URBAN	0005 URBAN	0005 URBAN	0005 RURAL
<input type="checkbox"/> 63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	162.5	0	0	0	162.5
<input type="checkbox"/> 63000360	LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	FOOT	168.75	0	0	0	168.75
<input type="checkbox"/> 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	0	0	0	2
• 63200310	GUARDRAIL REMOVAL	FOOT	430	0	0	0	430
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	71265	0	5269	15046	50950
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MD	4	0	1	1	2
67100100	MOBILIZATION	LSUM	1	0	0.1	0.2	0.7
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	LSUM	1	0	0	0.2	0.8
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	LSUM	1	0	0	0.2	0.8
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	LSUM	1	0	0	0.2	0.8
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	LSUM	1	0	0	0.2	0.8
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LSUM	1	0	1	0	0
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1	0	1	0	0
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	75	0	10	20	45

SPECIALTY ITEM  
 • SPECIAL PROVISION REQUIRED

FILE NAME =  
 0876E86-4ht-500.dgn  
**CH2MHILL**

USER NAME = jhoffma5	DESIGNED - DP	REVISED -
PLOT SCALE = 1/8"=1'-0"	DRAWN - JH	REVISED -
PLOT DATE = 6/23/2015	CHECKED - TN	REVISED -
	DATE - 6/26/2015	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES  
 IL 157

SCALE: SHEET NO. 5 OF 8 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(65,66)RS-5	MADISON	76	8
CONTRACT NO. 76E86			ILLINOIS RESURFACING	



CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				FAU 8890	FAU 8890	FAS 770	
				50% CITY / 50% STATE	80% FED / 20% STATE	80% FED / 20% STATE	80% FED / 20% STATE
				ROADWAY	ROADWAY	ROADWAY	ROADWAY
				0005	0005	0005	0005
				URBAN	URBAN	URBAN	RURAL
70300100	SHORT TERM PAVEMENT MARKING	FOOT	118419	0	10755	28357	79307
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	118269	0	10647	28357	79265
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	412	0	102	220	90
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	78	0	36	0	42
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	39651	0	3693	9452	26506
<input type="checkbox"/> 72000100	SIGN PANEL - TYPE 1	SQ FT	2	0	2	0	0
<input type="checkbox"/> 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	1	0	1	0	0
<input type="checkbox"/> 72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	37	0	0	19	18
<input type="checkbox"/> 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	1	0	1	0	0
<input type="checkbox"/> 72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	1	0	0	0	1
<input type="checkbox"/> 73700100	REMOVE GROUND MOUNTED SIGN SUPPORT	EACH	6	0	0	3	3
<input type="checkbox"/> 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	118269	0	10647	28357	79265
<input type="checkbox"/> 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	412	0	102	220	90
<input type="checkbox"/> 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	78	0	36	0	42

SPECIALTY ITEM

FILE NAME = 0876E86-ah1-SDG.dgn  
**CH2MHILL**

USER NAME = jhoffma8	DESIGNED - DP	REVISED -
DRAWN - JH	CHECKED - TN	REVISED -
PLLOT SCALE = 100.0000' / 1"	DATE = 6/26/2015	REVISED -
PLLOT DATE = 6/23/2015		

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES  
IL 157

F.A.P. RTE. 592	SECTION 165.661RS-5	COUNTY MADISON	TOTAL SHEETS 76	SHEET NO. 9
			CONTRACT NO. 76E86	
ILLINOIS RESURFACING				

SCALE: SHEET NO. 6 OF 8 SHEETS

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				FAU 8890	FAU 8890	FAS 770	
				50% CITY / 50% STATE ROADWAY	80% FED / 20% STATE ROADWAY	80% FED / 20% STATE ROADWAY	80% FED / 20% STATE ROADWAY
				0005 URBAN	0005 URBAN	0005 URBAN	0005 RURAL
<input type="checkbox"/> 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	998	0	94	192	712
<input type="checkbox"/> 78200300	PRISMATIC CURB REFLECTOR	EACH	12	0	0	0	12
<input type="checkbox"/> 78200410	GUARDRAIL MARKERS, TYPE A	EACH	6	0	0	0	6
<input type="checkbox"/> 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	2	0	0	0	2
<input type="checkbox"/> 78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	988	0	94	192	702
<input type="checkbox"/> 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	60	0	60	0	0
<input type="checkbox"/> 81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1	0	1	0	0
<input type="checkbox"/> 81400710	HEAVY-DUTY HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1	0	1	0	0
<input type="checkbox"/> 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	106	0	106	0	0
<input type="checkbox"/> 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	108	0	108	0	0
<input type="checkbox"/> 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	203	0	203	0	0
<input type="checkbox"/> 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	29	0	29	0	0
<input type="checkbox"/> 87500400	TRAFFIC SIGNAL POST, 8 FT.	EACH	1	0	1	0	0
<input type="checkbox"/> 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	3	0	3	0	0

SPECIALTY ITEM  
\* SPECIAL PROVISION REQUIRED

FILE NAME =  
0876E86\*sh-scc.dgn  
**CH2MHILL**

USER NAME = jhoffma5	DESIGNED - DP	REVISED -
DRAWN - JH	CHECKED - TN	REVISED -
PLLOT SCALE = 1/8" = 1'-0"	DATE - 6/26/2015	REVISED -
PLLOT DATE = 6/23/2015		

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES  
IL 157

SCALE: SHEET NO. 7 OF 8 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	65.66RS-5	MADISON	76	10
CONTRACT NO. 76E86			ILLINOIS RESURFACING	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				FAU 8890		FAS 770	
				50% CITY / 50% STATE	80% FED / 20% STATE	80% FED / 20% STATE	80% FED / 20% STATE
				ROADWAY	ROADWAY	ROADWAY	ROADWAY
				0005	0005	0005	0005
				URBAN	URBAN	URBAN	RURAL
<input type="checkbox"/> • 88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2	0	2	0	0
<input type="checkbox"/> 88800100	PEDESTRIAN PUSH-BUTTON	EACH	2	0	2	0	0
<input type="checkbox"/> • 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	4	0	4	0	0
<input type="checkbox"/> • 89502380	REMOVE EXISTING HANDHOLE	EACH	2	0	1	0	1
<input type="checkbox"/> • 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	2	0	2	0	0
• X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SO YD	11863	0	1075	2644	8144
• X6026200	INLETS TO BE ADJUSTED (SPECIAL)	EACH	2	0	0	0	2
<input type="checkbox"/> 20070600	TRAINEES	Hour	1500			750	750
• Z0036200	PAINT CURB	FOOT	46	0	0	0	46
<input type="checkbox"/> 20070604	TRAINEES TRAINING PROGRAM GRADUATE	Hour	1500			750	750
• Z0070100	SURVEY MONUMENT COVER ASSEMBLY	EACH	4	0	1	1	2

SPECIALTY ITEM  
 • SPECIAL PROVISION REQUIRED

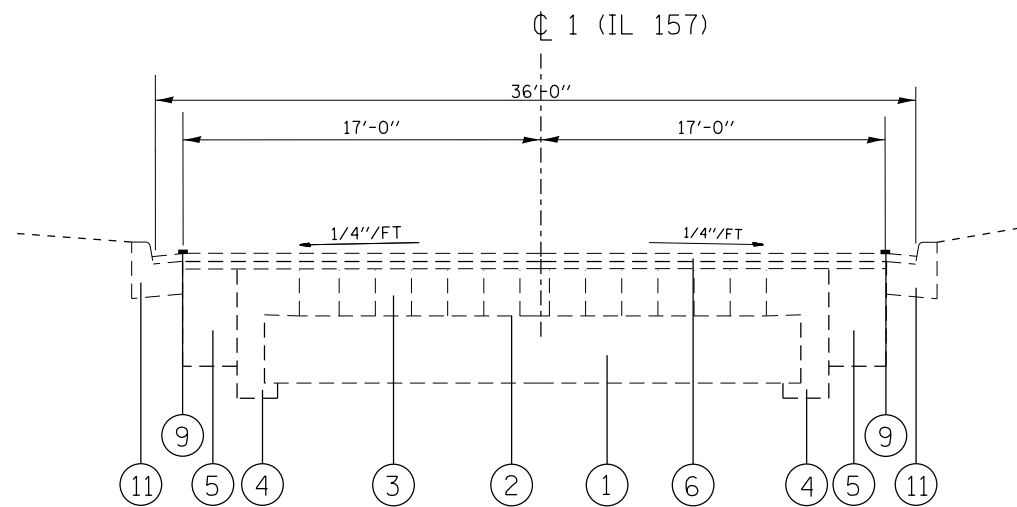
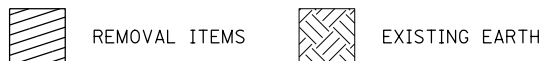
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	PLOT SCALE = 1/8" = 1'-0"	DRAWN - JH	REVISED -			592	(65.66)RS-5	MADISON	76	11
PLOT DATE = 6/23/2015	CHECKED - TN	DATE - 6/26/2015	REVISED -	SCALE:	SHEET NO. 8 OF 8 SHEETS	ILLINOIS RESURFACING CONTRACT NO. 76E86				

# EXISTING GUARDRAIL IMPROVEMENT SECTIONS

STA. 7+30 R2 LT TO STA. 13+01 R2 LT  
 STA. 159+57 R2 RT TO STA. 164+65 R2 RT  
 STA. 176+79 R2 RT TO STA. 181+85 R2 RT  
 STA. 177+11 R2 LT TO STA. 182+08 R2 LT  
 STA. 194+45 R2 RT TO STA. 199+75 R2 RT  
 STA. 195+84 R2 LT TO STA. 197+42 R2 LT  
 STA. 198+36 R2 LT TO STA. 200+75 R2 LT  
 STA. 222+70 R2 RT TO STA. 227+45 R2 RT  
 STA. 223+39 R2 LT TO STA. 228+76 R2 LT  
 STA. 315+53 R2 RT TO STA. 320+50 R2 RT  
 STA. 316+61 R2 LT TO STA. 319+91 R2 LT  
 STA. 355+78 R2 RT TO STA. 360+60 R2 RT  
 STA. 356+22 R2 LT TO STA. 361+45 R2 LT  
 STA. 375+11 R2 RT TO STA. 379+33 R2 RT  
 STA. 376+83 R2 LT TO STA. 380+00 R2 LT

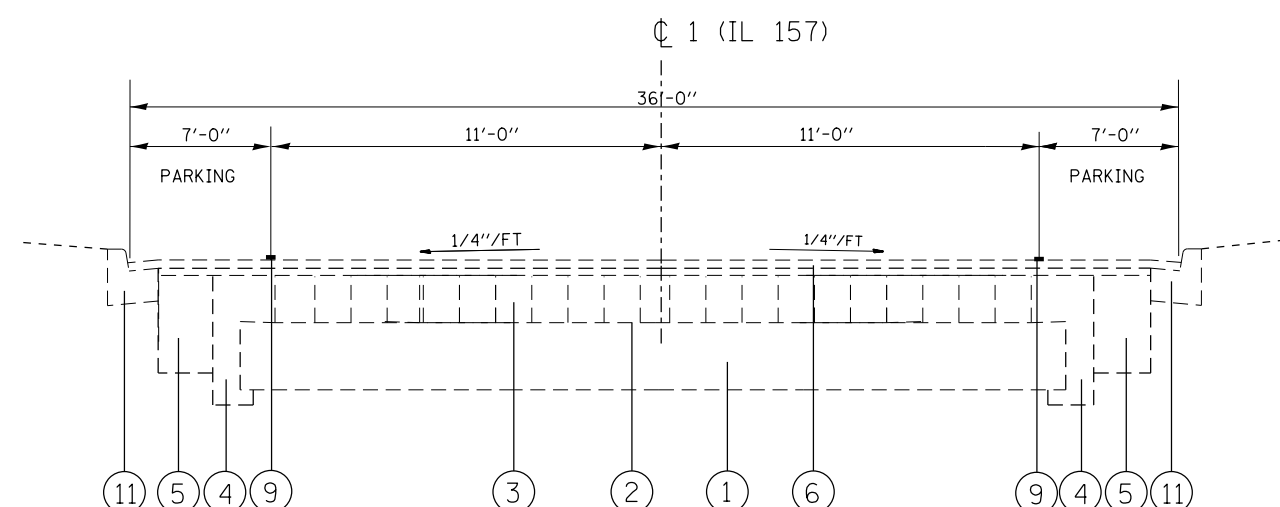
## LEGEND

- ① EXISTING CONCRETE BASE, 8"
- ② EXISTING MASTIC CUSHION, 1"
- ③ EXISTING BRICK PAVEMENT, 2 1/4"
- ④ EXISTING CONCRETE RETAINER, 1'-3"
- ⑤ EXISTING PC CONCRETE BASE COURSE, 8"
- ⑥ EXISTING BITUMINOUS RESURFACING, (VAR. 4" TO 6 1/2")
- ⑦ EXISTING HMA SHOULDER
- ⑧ EXISTING AGGREGATE SHOULDERS
- ⑨ EXISTING PAINT PAVEMENT MARKING, LINE 4"
- ⑩ EXISTING GUARDRAIL, 9' STEEL POST
- ⑪ EXISTING CONC. CURB & GUTTER
- ⑫ EXISTING CONC. GUTTER (INCLUDES 1' EXTENSION AND HMA MATERIAL IN GUTTER)
- ⑬ EXISTING AGGREGATE SURFACE
- ⑭ EXISTING 3 FT SHOULDER WITH RUMBLE STRIPS
- ⑮ PROPOSED HMA SURFACE REMOVAL, 3/4"
- ⑯ PROPOSED HMA SURFACE REMOVAL, 2 1/4"
- ⑰ PROPOSED HMA SURFACE REMOVAL, VARIABLE DEPTH
- ⑱ PROPOSED HMA SHOULDERS, 1 1/2"
- ⑲ PROPOSED HMA SURFACE COURSE, MIX "D", N70, 1 1/2"
- ⑳ PROPOSED LEVELING BINDER (MACHINE METHOD), IL 9.5 (FG), N70, 3/4"
- ㉑ PROPOSED HMA BINDER COURSE, IL-19.0, N70, VARIABLE DEPTH
- ㉒ PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ㉓ PROPOSED HMA SHOULDERS, 8"
- ㉔ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ㉕ PROPOSED BITUMINOUS MATERIAL (PRIME COAT)
- ㉖ PROPOSED CONCRETE GUTTER, TYPE A
- ㉗ PROPOSED EXCAVATION
- ㉘ PROPOSED HMA BASE COURSE, 9"
- ㉙ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE A 12"
- ㉚ PROPOSED SHOULDER RUMBLE STRIPS, 8 INCH
- ㉛ PROPOSED THERMOPLASTIC PAVEMENT MARKING
- ㉜ PROPOSED STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
- ㉝ PROPOSED AGGREGATE SHOULDERS, TYPE A 6"
- ㉞ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE C



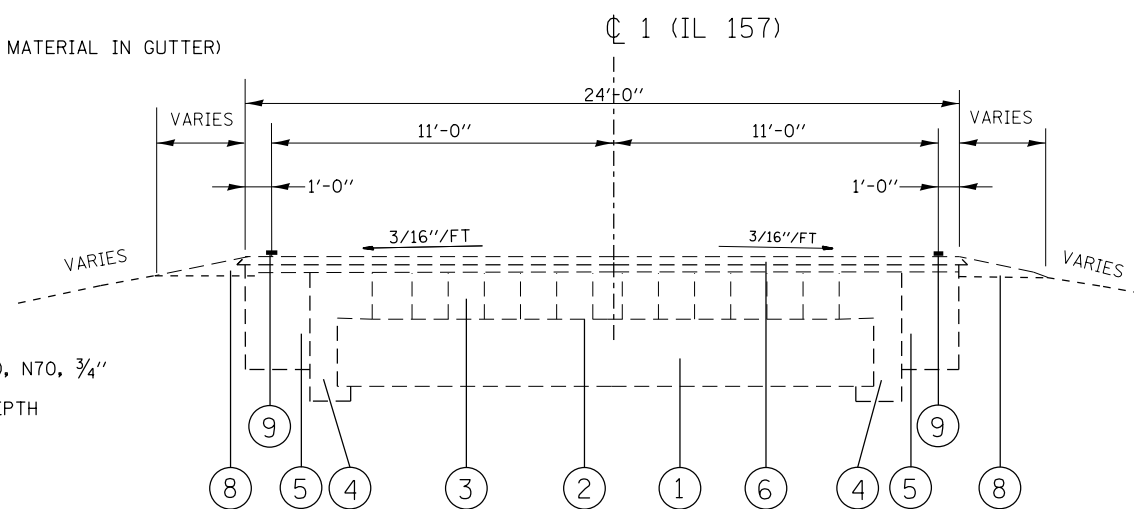
EXISTING TYPICAL SECTION

STA. 15+80 TO STA. 20+55



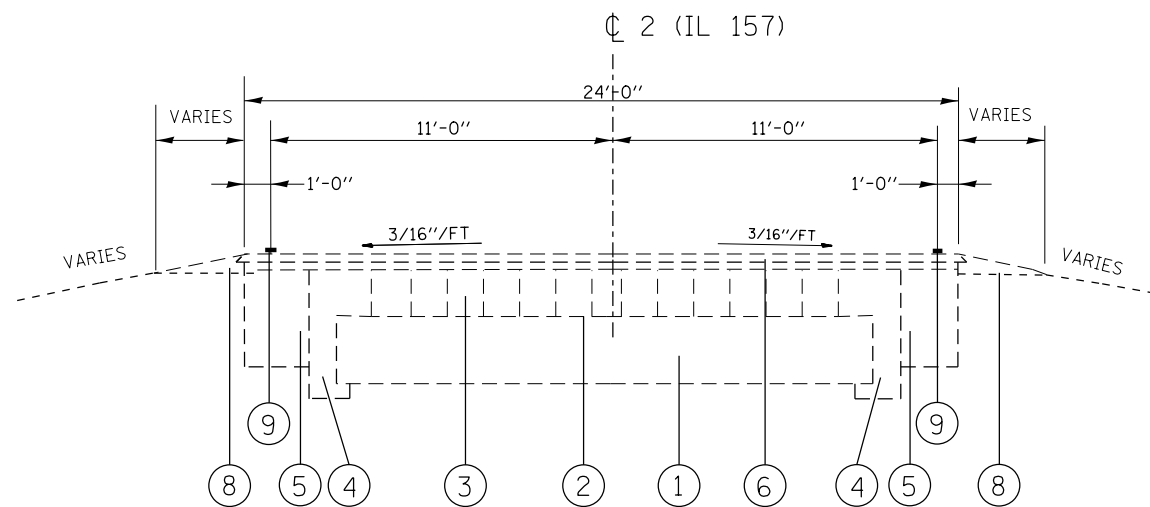
EXISTING TYPICAL SECTION

STA. 20+55 TO STA. 30+40



EXISTING TYPICAL SECTION

STA. 30+40 TO STA. 33+46.60



EXISTING TYPICAL SECTION

STA. 3+65.57 TO STA. 32+95  
 STA. 112+43 TO STA. 198+35

FILE NAME = D876E86-sht-typical-01.dgn  
**CH2MHILL**

USER NAME = jhoffm05  
 DESIGNED - DP  
 DRAWN - JH  
 CHECKED - TN  
 DATE - 6/26/2015  
 PLOT SCALE = 100.0000' / 1in.  
 PLOT DATE = 6/23/2015

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL SECTIONS  
 IL 157

SCALE: SHEET NO. 1 OF 9 SHEETS

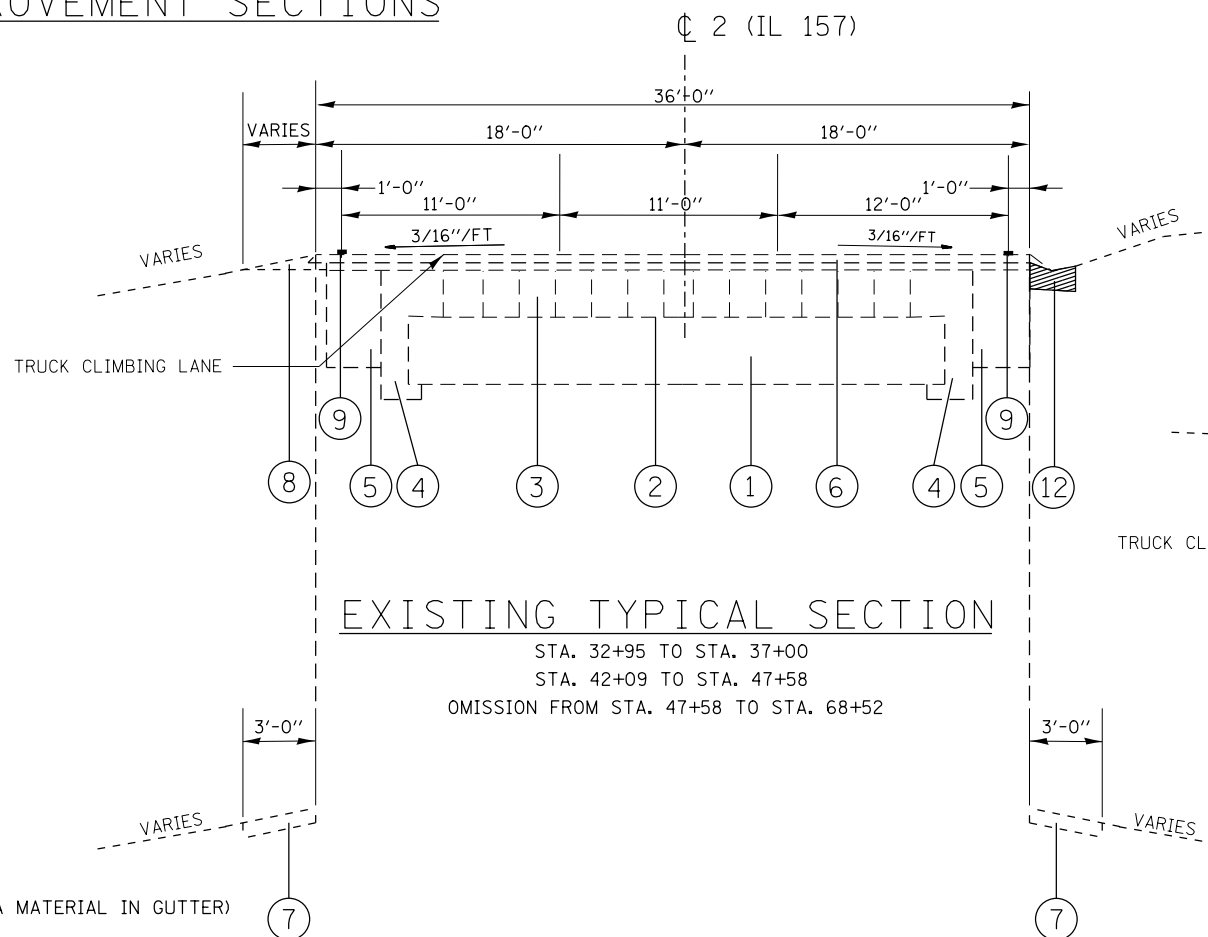
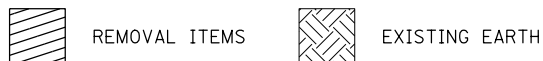
FAS RTE.	FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
770	8890	(65,66)RS-5	MADISON	76	12
CONTRACT NO. 76E86					
ILLINOIS RESURFACING					

# EXISTING GUARDRAIL IMPROVEMENT SECTIONS

STA. 7+30 R2 LT TO STA. 13+01 R2 LT  
 STA. 159+57 R2 RT TO STA. 164+65 R2 RT  
 STA. 176+79 R2 RT TO STA. 181+85 R2 RT  
 STA. 177+11 R2 LT TO STA. 182+08 R2 LT  
 STA. 194+45 R2 RT TO STA. 199+75 R2 RT  
 STA. 195+84 R2 LT TO STA. 197+42 R2 LT  
 STA. 198+36 R2 LT TO STA. 200+75 R2 LT  
 STA. 222+70 R2 RT TO STA. 227+45 R2 RT  
 STA. 223+39 R2 LT TO STA. 228+76 R2 LT  
 STA. 315+53 R2 RT TO STA. 320+50 R2 RT  
 STA. 316+61 R2 LT TO STA. 319+91 R2 LT  
 STA. 355+78 R2 RT TO STA. 360+60 R2 RT  
 STA. 356+22 R2 LT TO STA. 361+45 R2 LT  
 STA. 375+11 R2 RT TO STA. 379+33 R2 RT  
 STA. 376+83 R2 LT TO STA. 380+00 R2 LT

## LEGEND

- ① EXISTING CONCRETE BASE, 8"
- ② EXISTING MASTIC CUSHION, 1"
- ③ EXISTING BRICK PAVEMENT, 2 1/4"
- ④ EXISTING CONCRETE RETAINER, 1'-3"
- ⑤ EXISTING PC CONCRETE BASE COURSE, 8"
- ⑥ EXISTING BITUMINOUS RESURFACING, (VAR. 4" TO 6 1/2")
- ⑦ EXISTING HMA SHOULDER
- ⑧ EXISTING AGGREGATE SHOULDERS
- ⑨ EXISTING PAINT PAVEMENT MARKING, LINE 4"
- ⑩ EXISTING GUARDRAIL, 9' STEEL POST
- ⑪ EXISTING CONC. CURB & GUTTER
- ⑫ EXISTING CONC. GUTTER (INCLUDES 1' EXTENSION AND HMA MATERIAL IN GUTTER)
- ⑬ EXISTING AGGREGATE SURFACE
- ⑭ EXISTING 3 FT SHOULDER WITH RUMBLE STRIPS
- ⑮ PROPOSED HMA SURFACE REMOVAL, 3/4"
- ⑯ PROPOSED HMA SURFACE REMOVAL, 2 1/4"
- ⑰ PROPOSED HMA SURFACE REMOVAL, VARIABLE DEPTH
- ⑱ PROPOSED HMA SHOULDERS, 1 1/2"
- ⑲ PROPOSED HMA SURFACE COURSE, MIX "D", N70, 1 1/2"
- ⑳ PROPOSED LEVELING BINDER (MACHINE METHOD), IL 9.5 (FG), N70, 3/4"
- ㉑ PROPOSED HMA BINDER COURSE, IL-19.0, N70, VARIABLE DEPTH
- ㉒ PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ㉓ PROPOSED HMA SHOULDERS, 8"
- ㉔ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ㉕ PROPOSED BITUMINOUS MATERIAL (PRIME COAT)
- ㉖ PROPOSED CONCRETE GUTTER, TYPE A
- ㉗ PROPOSED EXCAVATION
- ㉘ PROPOSED HMA BASE COURSE, 9"
- ㉙ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE A 12"
- ㉚ PROPOSED SHOULDER RUMBLE STRIPS, 8 INCH
- ㉛ PROPOSED THERMOPLASTIC PAVEMENT MARKING
- ㉜ PROPOSED STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
- ㉝ PROPOSED AGGREGATE SHOULDERS, TYPE A 6"
- ㉞ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE C

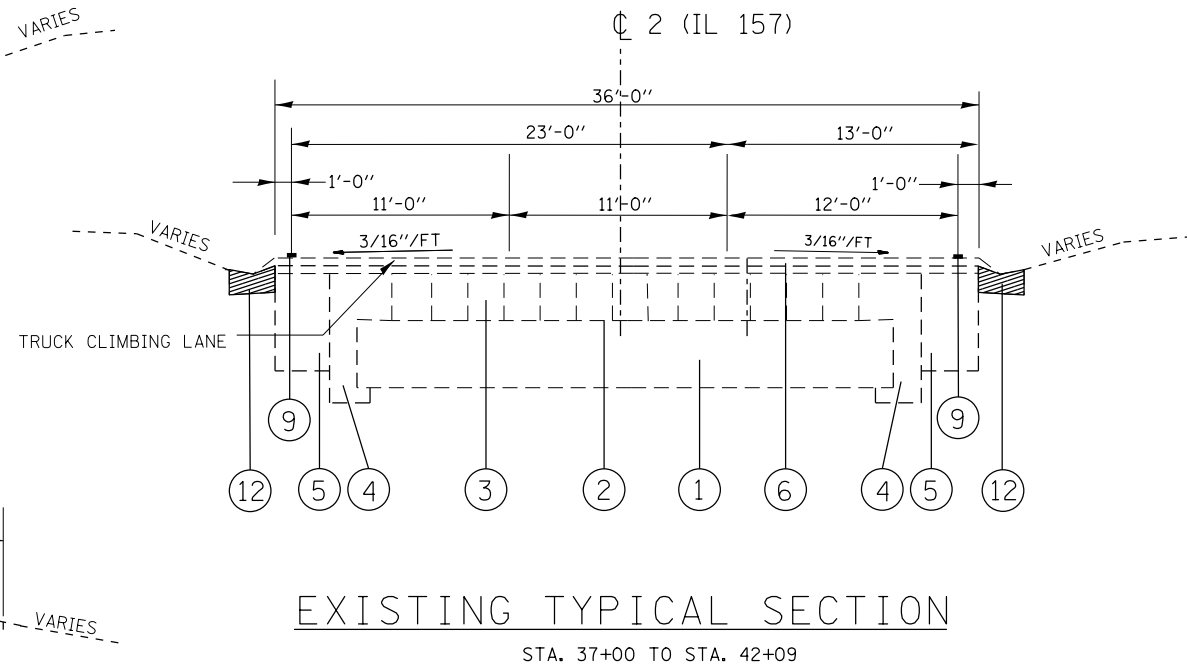


EXISTING TYPICAL SECTION

STA. 32+95 TO STA. 37+00  
 STA. 42+09 TO STA. 47+58  
 OMISSION FROM STA. 47+58 TO STA. 68+52

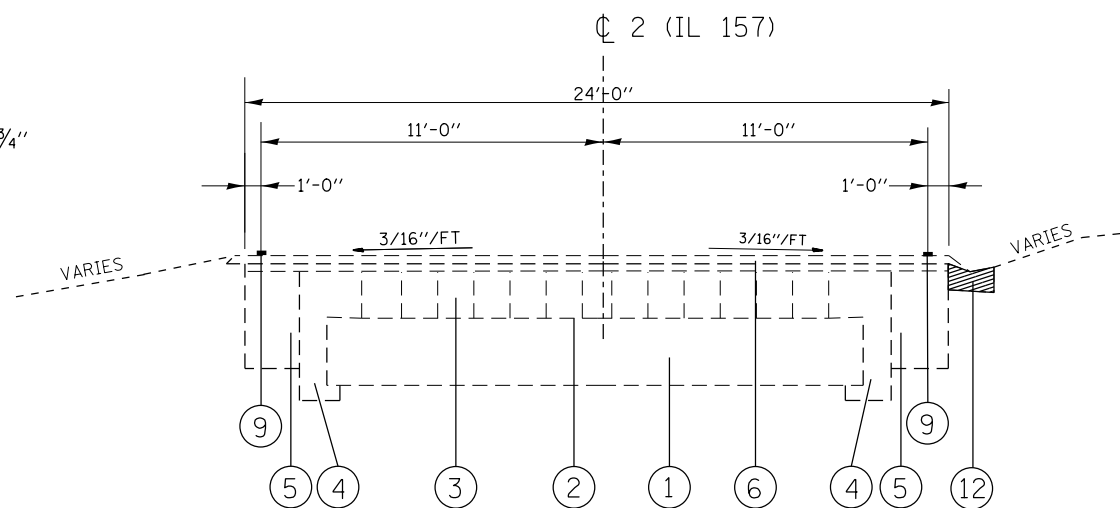
EXISTING HMA SHOULDER

STA. 44+20 TO STA. 47+58 (LT)  
 STA. 45+50 TO STA. 47+58 (RT)



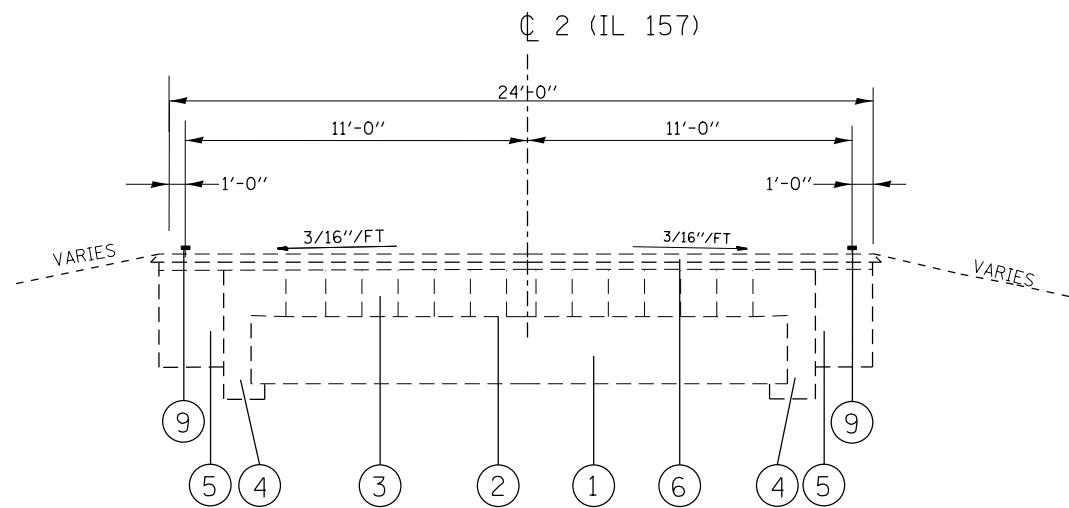
EXISTING TYPICAL SECTION

STA. 37+00 TO STA. 42+09



EXISTING TYPICAL SECTION

OMISSION FROM STA. 47+58 TO STA. 68+52  
 STA. 68+52 TO STA. 75+54



EXISTING TYPICAL SECTION

STA. 75+54 TO STA. 76+49  
 STA. 77+58 TO STA. 86+77  
 STA. 263+60 TO STA. 313+79  
 STA. 329+02 TO STA. 339+00  
 STA. 349+50 TO STA. 383+00  
 STA. 383+00 TO STA. 398+35

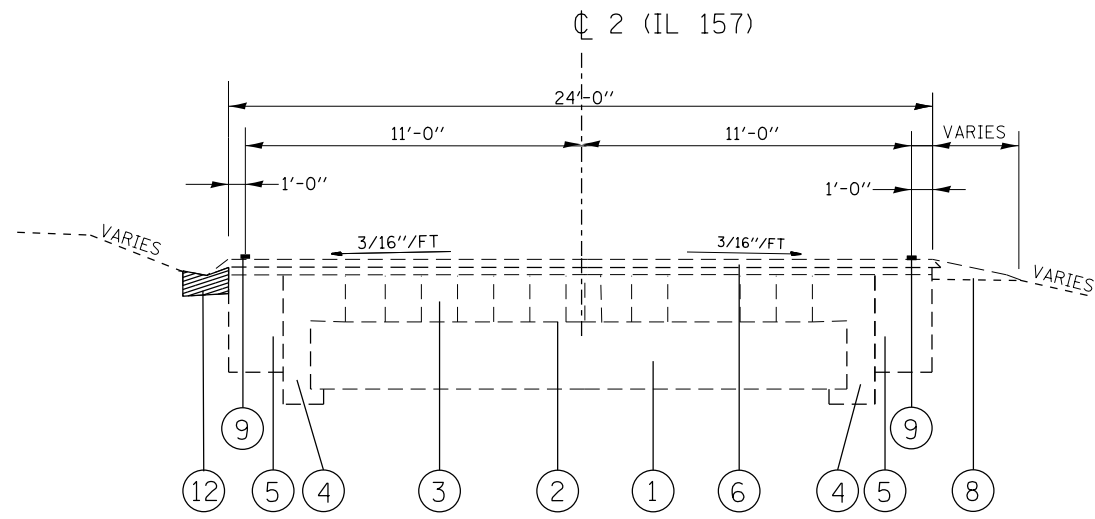
FILE NAME = D876E86-sht-typical-02.dgn	USER NAME = jhoffma5	DESIGNED - DP	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EXISTING TYPICAL SECTIONS IL 157</b>		FAS RTE.	FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
<b>CH2MHILL</b>	PLOT SCALE = 100.0000' / in.	DRAWN - JH	REVISED -				770	8890	(65,66)RS-5	MADISON	76	13
	PLOT DATE = 6/23/2015	CHECKED - TN	REVISED -		SCALE:		SHEET NO. 2 OF 9 SHEETS		CONTRACT NO. 76E86			
		DATE - 6/26/2015	REVISED -		ILLINOIS RESURFACING							

# EXISTING GUARDRAIL IMPROVEMENT SECTIONS

STA. 7+30 R2 LT TO STA. 13+01 R2 LT  
 STA. 159+57 R2 RT TO STA. 164+65 R2 RT  
 STA. 176+79 R2 RT TO STA. 181+85 R2 RT  
 STA. 177+11 R2 LT TO STA. 182+08 R2 LT  
 STA. 194+45 R2 RT TO STA. 199+75 R2 RT  
 STA. 195+84 R2 LT TO STA. 197+42 R2 LT  
 STA. 198+36 R2 LT TO STA. 200+75 R2 LT  
 STA. 222+70 R2 RT TO STA. 227+45 R2 RT  
 STA. 223+39 R2 LT TO STA. 228+76 R2 LT  
 STA. 315+53 R2 RT TO STA. 320+50 R2 RT  
 STA. 316+61 R2 LT TO STA. 319+91 R2 LT  
 STA. 355+78 R2 RT TO STA. 360+60 R2 RT  
 STA. 356+22 R2 LT TO STA. 361+45 R2 LT  
 STA. 375+11 R2 RT TO STA. 379+33 R2 RT  
 STA. 376+83 R2 LT TO STA. 380+00 R2 LT

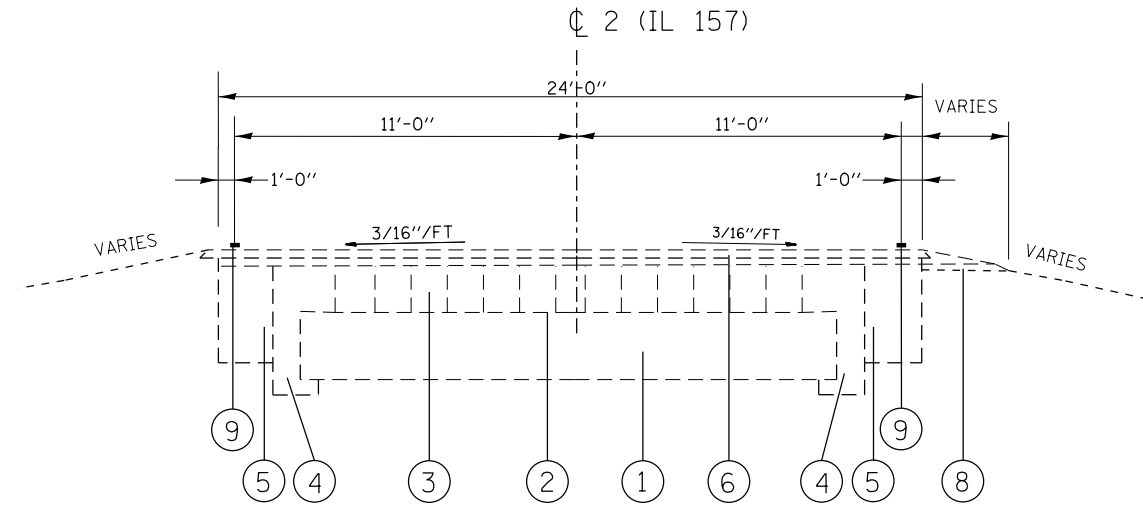
## LEGEND

- ① EXISTING CONCRETE BASE, 8"
- ② EXISTING MASTIC CUSHION, 1"
- ③ EXISTING BRICK PAVEMENT, 2 1/4"
- ④ EXISTING CONCRETE RETAINER, 1'-3"
- ⑤ EXISTING PC CONCRETE BASE COURSE, 8"
- ⑥ EXISTING BITUMINOUS RESURFACING, (VAR. 4" TO 6 1/2")
- ⑦ EXISTING HMA SHOULDER
- ⑧ EXISTING AGGREGATE SHOULDERS
- ⑨ EXISTING PAINT PAVEMENT MARKING, LINE 4"
- ⑩ EXISTING GUARDRAIL, 9' STEEL POST
- ⑪ EXISTING CONC. CURB & GUTTER
- ⑫ EXISTING CONC. GUTTER (INCLUDES 1' EXTENSION AND HMA MATERIAL IN GUTTER)
- ⑬ EXISTING AGGREGATE SURFACE
- ⑭ EXISTING 3 FT SHOULDER WITH RUMBLE STRIPS
- ⑮ PROPOSED HMA SURFACE REMOVAL, 3/4"
- ⑯ PROPOSED HMA SURFACE REMOVAL, 2 1/4"
- ⑰ PROPOSED HMA SURFACE REMOVAL, VARIABLE DEPTH
- ⑱ PROPOSED HMA SHOULDERS, 1 1/2"
- ⑲ PROPOSED HMA SURFACE COURSE, MIX "D", N70, 1 1/2"
- ⑳ PROPOSED LEVELING BINDER (MACHINE METHOD), IL 9.5 (FG), N70, 3/4"
- ㉑ PROPOSED HMA BINDER COURSE, IL-19.0, N70, VARIABLE DEPTH
- ㉒ PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ㉓ PROPOSED HMA SHOULDERS, 8"
- ㉔ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ㉕ PROPOSED BITUMINOUS MATERIAL (PRIME COAT)
- ㉖ PROPOSED CONCRETE GUTTER, TYPE A
- ㉗ PROPOSED EXCAVATION
- ㉘ PROPOSED HMA BASE COURSE, 9"
- ㉙ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE A 12"
- ㉚ PROPOSED SHOULDER RUMBLE STRIPS, 8 INCH
- ㉛ PROPOSED THERMOPLASTIC PAVEMENT MARKING
- ㉜ PROPOSED STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
- ㉝ PROPOSED AGGREGATE SHOULDERS, TYPE A 6"
- ㉞ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE C



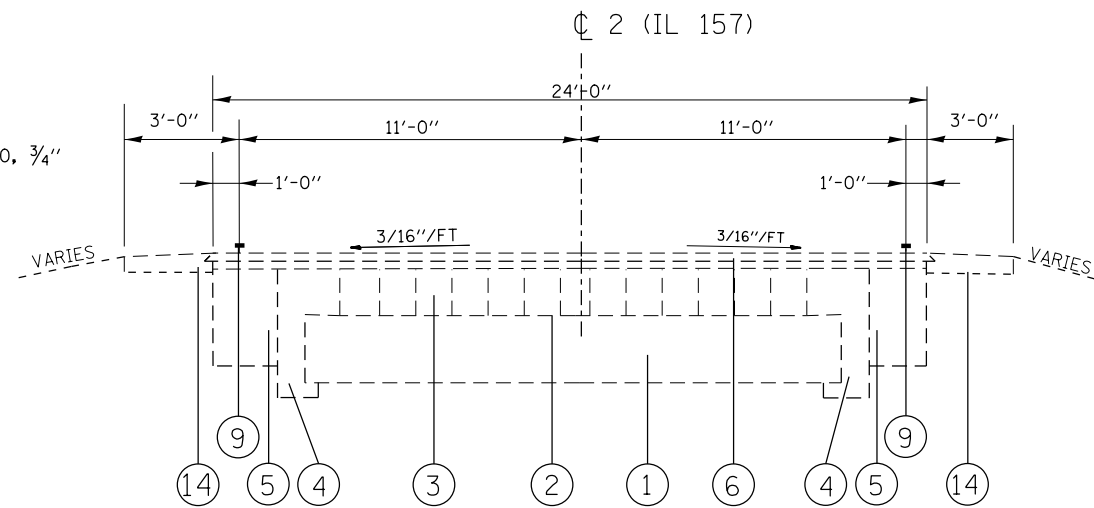
EXISTING TYPICAL SECTION

STA. 76+49 TO STA. 77+58  
 STA. 339+00 TO STA. 349+50



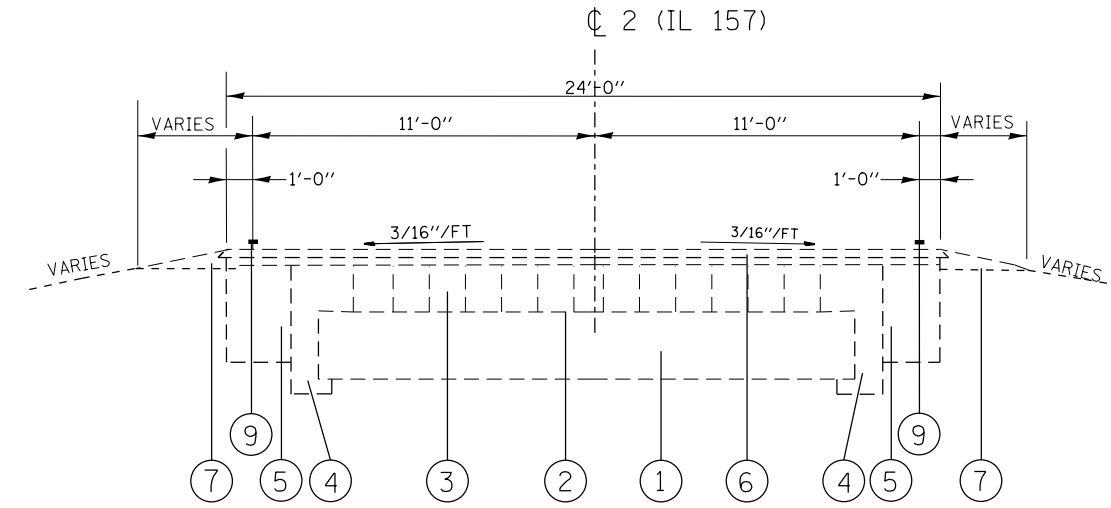
EXISTING TYPICAL SECTION

STA. 86+77 TO STA. 112+43  
 STA. 313+79 TO STA. 329+02



EXISTING TYPICAL SECTION

STA. 198+35 TO STA. 263+60



EXISTING TYPICAL SECTION

STA. 398+35 TO STA. 400+43

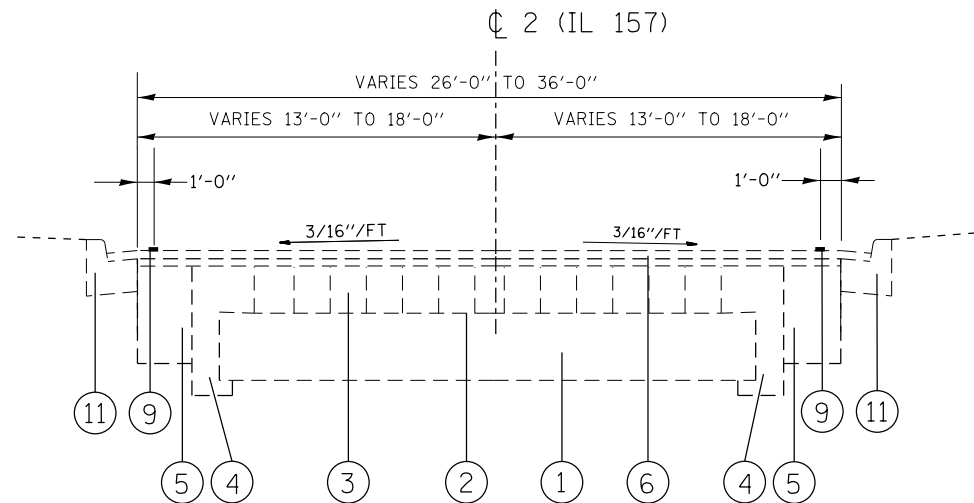
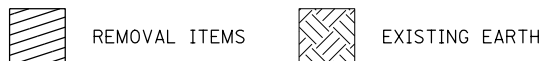
FILE NAME = D876E86-shr-typical-03.dgn <b>CH2MHILL</b>	USER NAME = jhoffm05	DESIGNED - DP	REVISED -	<b>STATE OF ILLINOIS                  DEPARTMENT OF TRANSPORTATION</b>	<b>EXISTING TYPICAL SECTIONS                  IL 157</b>	FAS RTE. 770	FAU RTE. 8890	SECTION (65,66)RS-5	COUNTY MADISON	TOTAL SHEETS 76	SHEET NO. 14
	PLOT SCALE = 100.0000' / in.	CHECKED - TN	REVISED -			CONTRACT NO. 76E86					
	PLOT DATE = 6/23/2015	DATE - 6/26/2015	REVISED -			ILLINOIS RESURFACING					

# EXISTING GUARDRAIL IMPROVEMENT SECTIONS

STA. 7+30 R2 LT TO STA. 13+01 R2 LT  
 STA. 159+57 R2 RT TO STA. 164+65 R2 RT  
 STA. 176+79 R2 RT TO STA. 181+85 R2 RT  
 STA. 177+11 R2 LT TO STA. 182+08 R2 LT  
 STA. 194+45 R2 RT TO STA. 199+75 R2 RT  
 STA. 195+84 R2 LT TO STA. 197+42 R2 LT  
 STA. 198+36 R2 LT TO STA. 200+75 R2 LT  
 STA. 222+70 R2 RT TO STA. 227+45 R2 RT  
 STA. 223+39 R2 LT TO STA. 228+76 R2 LT  
 STA. 315+53 R2 RT TO STA. 320+50 R2 RT  
 STA. 316+61 R2 LT TO STA. 319+91 R2 LT  
 STA. 355+78 R2 RT TO STA. 360+60 R2 RT  
 STA. 356+22 R2 LT TO STA. 361+45 R2 LT  
 STA. 375+11 R2 RT TO STA. 379+33 R2 RT  
 STA. 376+83 R2 LT TO STA. 380+00 R2 LT

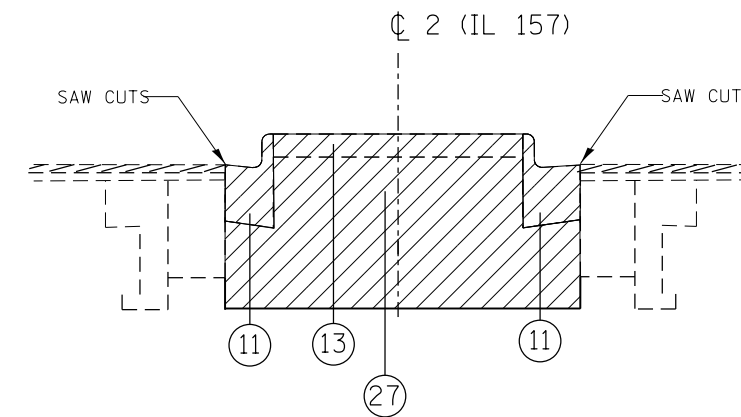
## LEGEND

- ① EXISTING CONCRETE BASE, 8"
- ② EXISTING MASTIC CUSHION, 1"
- ③ EXISTING BRICK PAVEMENT, 2 1/4"
- ④ EXISTING CONCRETE RETAINER, 1'-3"
- ⑤ EXISTING PC CONCRETE BASE COURSE, 8"
- ⑥ EXISTING BITUMINOUS RESURFACING, (VAR. 4" TO 6 1/2")
- ⑦ EXISTING HMA SHOULDER
- ⑧ EXISTING AGGREGATE SHOULDERS
- ⑨ EXISTING PAINT PAVEMENT MARKING, LINE 4"
- ⑩ EXISTING GUARDRAIL, 9' STEEL POST
- ⑪ EXISTING CONC. CURB & GUTTER
- ⑫ EXISTING CONC. GUTTER (INCLUDES 1' EXTENSION AND HMA MATERIAL IN GUTTER)
- ⑬ EXISTING AGGREGATE SURFACE
- ⑭ EXISTING 3 FT SHOULDER WITH RUMBLE STRIPS
- ⑮ PROPOSED HMA SURFACE REMOVAL, 3/4"
- ⑯ PROPOSED HMA SURFACE REMOVAL, 2 1/4"
- ⑰ PROPOSED HMA SURFACE REMOVAL, VARIABLE DEPTH
- ⑱ PROPOSED HMA SHOULDERS, 1 1/2"
- ⑲ PROPOSED HMA SURFACE COURSE, MIX "D", N70, 1 1/2"
- ⑳ PROPOSED LEVELING BINDER (MACHINE METHOD), IL 9.5 (FG), N70, 3/4"
- ㉑ PROPOSED HMA BINDER COURSE, IL-19.0, N70, VARIABLE DEPTH
- ㉒ PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ㉓ PROPOSED HMA SHOULDERS, 8"
- ㉔ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ㉕ PROPOSED BITUMINOUS MATERIAL (PRIME COAT)
- ㉖ PROPOSED CONCRETE GUTTER, TYPE A
- ㉗ PROPOSED EXCAVATION
- ㉘ PROPOSED HMA BASE COURSE, 9"
- ㉙ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE A 12"
- ㉚ PROPOSED SHOULDER RUMBLE STRIPS, 8 INCH
- ㉛ PROPOSED THERMOPLASTIC PAVEMENT MARKING
- ㉜ PROPOSED STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
- ㉝ PROPOSED AGGREGATE SHOULDERS, TYPE A 6"
- ㉞ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE C



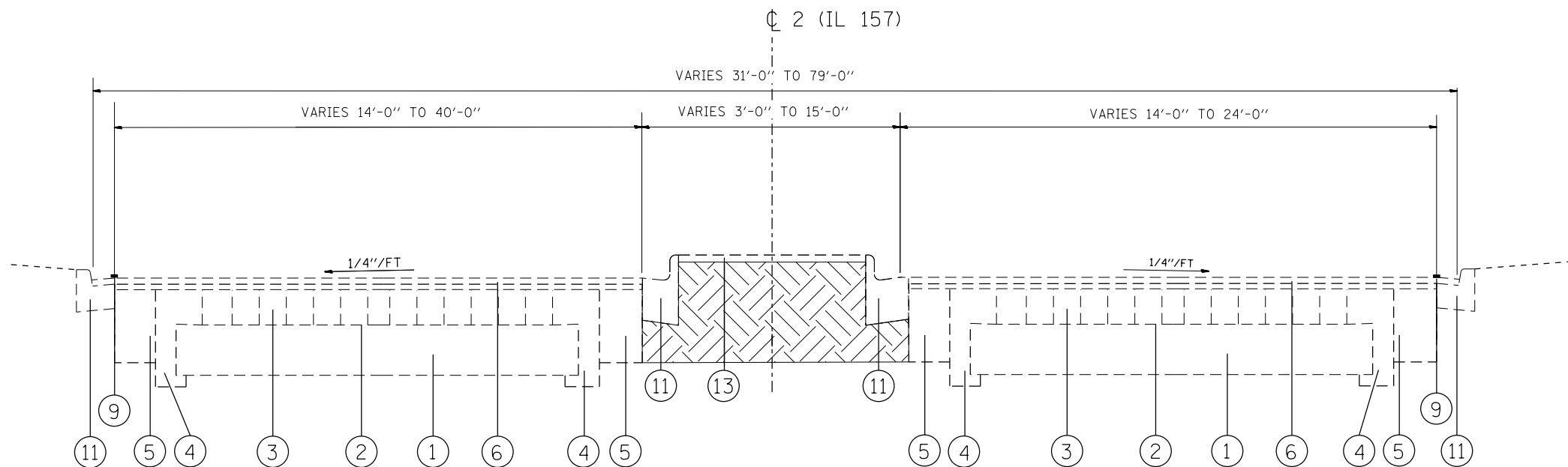
## EXISTING TYPICAL SECTION

STA. 400+43 TO STA. 401+18



## REMOVAL DETAILS

STA. 401+17 TO STA. 402+48



## EXISTING TYPICAL SECTION

STA. 401+17 TO STA. 402+48

FILE NAME =  
 D876E86-sht-typical-04.dgn  
**CH2MHILL**

USER NAME = jhoffm05  
 DESIGNED - DP  
 DRAWN - JH  
 CHECKED - TN  
 DATE - 6/26/2015  
 PLOT SCALE = 100.0000' / in.  
 PLOT DATE = 6/23/2015

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**EXISTING TYPICAL SECTIONS  
 IL 157**

SCALE: SHEET NO. 4 OF 9 SHEETS

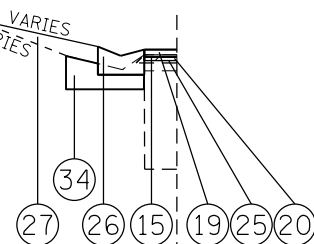
FAS RTE.	FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
770	8890	(65,66)RS-5	MADISON	76	15
					CONTRACT NO. 76E86
ILLINOIS RESURFACING					



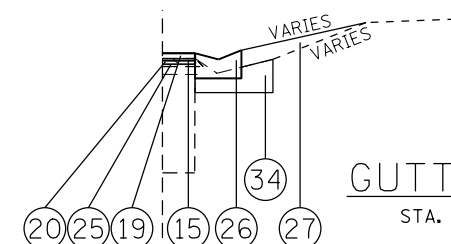




GUTTER SECTION  
STA. 36+96 TO STA. 42+26

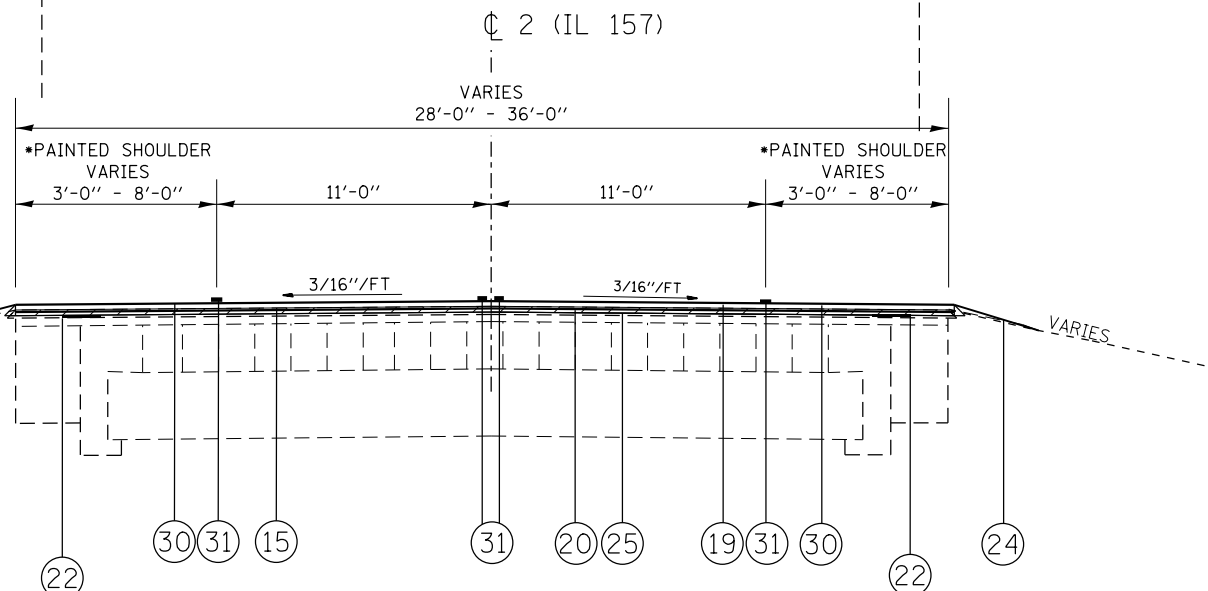
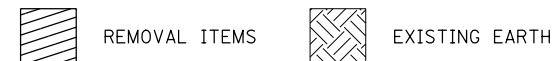


GUTTER SECTION  
STA. 34+15 TO STA. 45+66

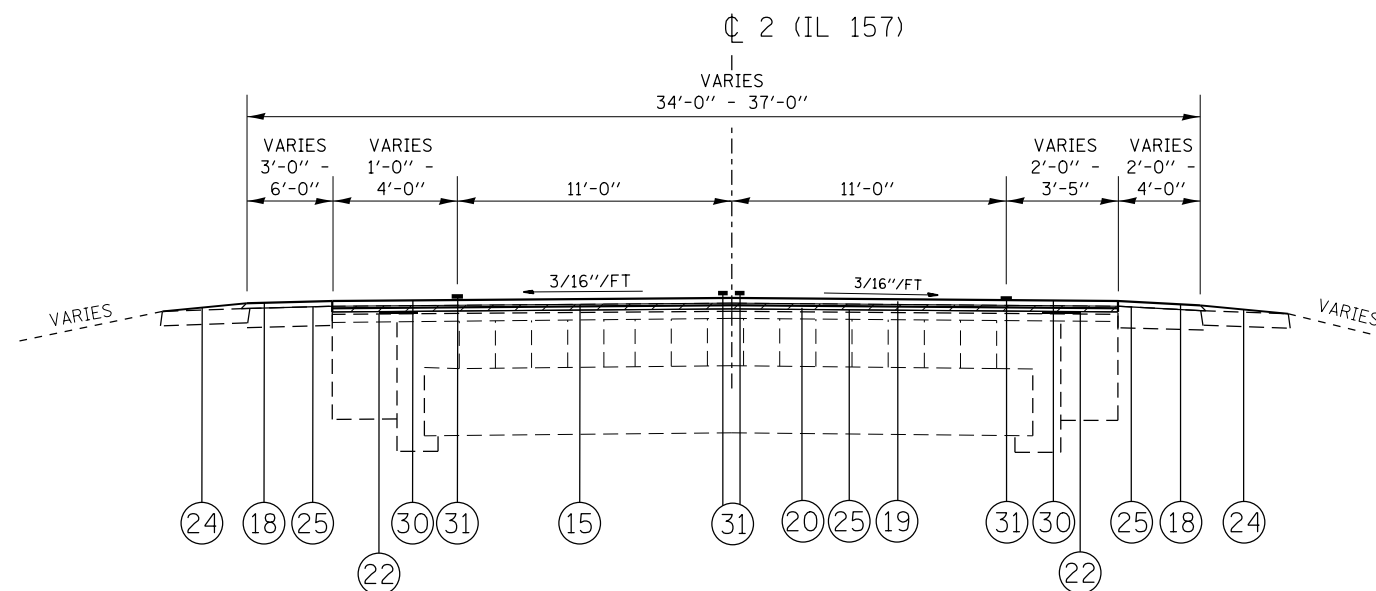


LEGEND

- ① EXISTING CONCRETE BASE, 8"
- ② EXISTING MASTIC CUSHION, 1"
- ③ EXISTING BRICK PAVEMENT, 2 1/4"
- ④ EXISTING CONCRETE RETAINER, 1'-3"
- ⑤ EXISTING PC CONCRETE BASE COURSE, 8"
- ⑥ EXISTING BITUMINOUS RESURFACING, (VAR. 4" TO 6 1/2")
- ⑦ EXISTING HMA SHOULDER
- ⑧ EXISTING AGGREGATE SHOULDERS
- ⑨ EXISTING PAINT PAVEMENT MARKING, LINE 4"
- ⑩ EXISTING GUARDRAIL, 9' STEEL POST
- ⑪ EXISTING CONC. CURB & GUTTER
- ⑫ EXISTING CONC. GUTTER (INCLUDES 1' EXTENSION AND HMA MATERIAL IN GUTTER)
- ⑬ EXISTING AGGREGATE SURFACE
- ⑭ EXISTING 3 FT SHOULDER WITH RUMBLE STRIPS
- ⑮ PROPOSED HMA SURFACE REMOVAL, 3/4"
- ⑯ PROPOSED HMA SURFACE REMOVAL, 2 1/4"
- ⑰ PROPOSED HMA SURFACE REMOVAL, VARIABLE DEPTH
- ⑱ PROPOSED HMA SHOULDERS, 1 1/2"
- ⑲ PROPOSED HMA SURFACE COURSE, MIX "D", N70, 1 1/2"
- ⑳ PROPOSED LEVELING BINDER (MACHINE METHOD), IL 9.5 (FG), N70, 3/4"
- ㉑ PROPOSED HMA BINDER COURSE, IL-19.0, N70, VARIABLE DEPTH
- ㉒ PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ㉓ PROPOSED HMA SHOULDERS, 8"
- ㉔ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ㉕ PROPOSED BITUMINOUS MATERIAL (PRIME COAT)
- ㉖ PROPOSED CONCRETE GUTTER, TYPE A
- ㉗ PROPOSED EXCAVATION
- ㉘ PROPOSED HMA BASE COURSE, 9"
- ㉙ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE A 12"
- ㉚ PROPOSED SHOULDER RUMBLE STRIPS, 8 INCH
- ㉛ PROPOSED THERMOPLASTIC PAVEMENT MARKING
- ㉜ PROPOSED STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
- ㉝ PROPOSED AGGREGATE SHOULDERS, TYPE A 6"
- ㉞ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE C



PROPOSED TYPICAL SECTION  
STA. 27+71 (RT), STA. 29+18 (LT) TO STA. 45+50



PROPOSED TYPICAL SECTION  
STA. 45+50 TO STA. 47+58  
OMISSION FROM STA. 47+58 TO STA. 68+52

NOTES

- 1. ADDITIONAL LEVELING BINDER MATERIAL TO BE USED AT THE DISCRETION OF THE ENGINEER TO CORRECT SURFACE IRREGULARITIES.

FILE NAME =  
D876E86-shr-typical-07.dgn  
**CH2MHILL**

USER NAME = jhoffma5  
DESIGNED - DP  
DRAWN - JH  
CHECKED - TN  
DATE - 6/26/2015  
REVISIONS:  
REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS  
IL 157

SCALE: SHEET NO. 7 OF 9 SHEETS

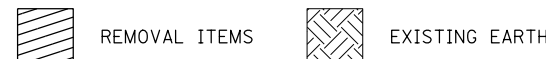
FAS RTE.	FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
770	8890	(65,66)RS-5	MADISON	76	18
				CONTRACT NO. 76E86	
ILLINOIS RESURFACING					

NOTES

- ADDITIONAL LEVELING BINDER MATERIAL TO BE USED AT THE DISCRETION OF THE ENGINEER TO CORRECT SURFACE IRREGULARITIES.

LEGEND

- ① EXISTING CONCRETE BASE, 8"
- ② EXISTING MASTIC CUSHION, 1"
- ③ EXISTING BRICK PAVEMENT, 2 1/4"
- ④ EXISTING CONCRETE RETAINER, 1'-3"
- ⑤ EXISTING PC CONCRETE BASE COURSE, 8"
- ⑥ EXISTING BITUMINOUS RESURFACING, (VAR. 4" TO 6 1/2")
- ⑦ EXISTING HMA SHOULDER
- ⑧ EXISTING AGGREGATE SHOULDERS
- ⑨ EXISTING PAINT PAVEMENT MARKING, LINE 4"
- ⑩ EXISTING GUARDRAIL, 9' STEEL POST
- ⑪ EXISTING CONC. CURB & GUTTER
- ⑫ EXISTING CONC. GUTTER (INCLUDES 1' EXTENSION AND HMA MATERIAL IN GUTTER)
- ⑬ EXISTING AGGREGATE SURFACE
- ⑭ EXISTING 3 FT SHOULDER WITH RUMBLE STRIPS
- ⑮ PROPOSED HMA SURFACE REMOVAL, 3/4"
- ⑯ PROPOSED HMA SURFACE REMOVAL, 2 1/4"
- ⑰ PROPOSED HMA SURFACE REMOVAL, VARIABLE DEPTH\*
- ⑱ PROPOSED HMA SHOULDERS, 1 1/2"
- ⑲ PROPOSED HMA SURFACE COURSE, MIX "D", N70, 1 1/2"
- ⑳ PROPOSED LEVELING BINDER (MACHINE METHOD), IL 9.5 (FG), N70, 3/4"
- ㉑ PROPOSED HMA BINDER COURSE, IL-19.0, N70, VARIABLE DEPTH\*
- ㉒ PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ㉓ PROPOSED HMA SHOULDERS, 8"
- ㉔ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ㉕ PROPOSED BITUMINOUS MATERIAL (PRIME COAT)
- ㉖ PROPOSED CONCRETE GUTTER, TYPE A
- ㉗ PROPOSED EXCAVATION
- ㉘ PROPOSED HMA BASE COURSE, 9"
- ㉙ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE A 12"
- ⑳ PROPOSED SHOULDER RUMBLE STRIPS, 8 INCH
- ㉑ PROPOSED THERMOPLASTIC PAVEMENT MARKING
- ㉒ PROPOSED STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
- ㉓ PROPOSED AGGREGATE SHOULDERS, TYPE A 6"
- ㉔ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE C



GUARDRAIL IMPROVEMENT SECTION

STA. 177+11 TO STA. 182+08  
 STA. 195+84 TO STA. 197+42  
 STA. 198+36 TO STA. 200+75  
 STA. 223+39 TO STA. 228+76  
 STA. 316+61 TO STA. 319+91  
 STA. 356+22 TO STA. 361+45  
 STA. 376+83 TO STA. 380+00

GUARDRAIL IMPROVEMENT SECTION

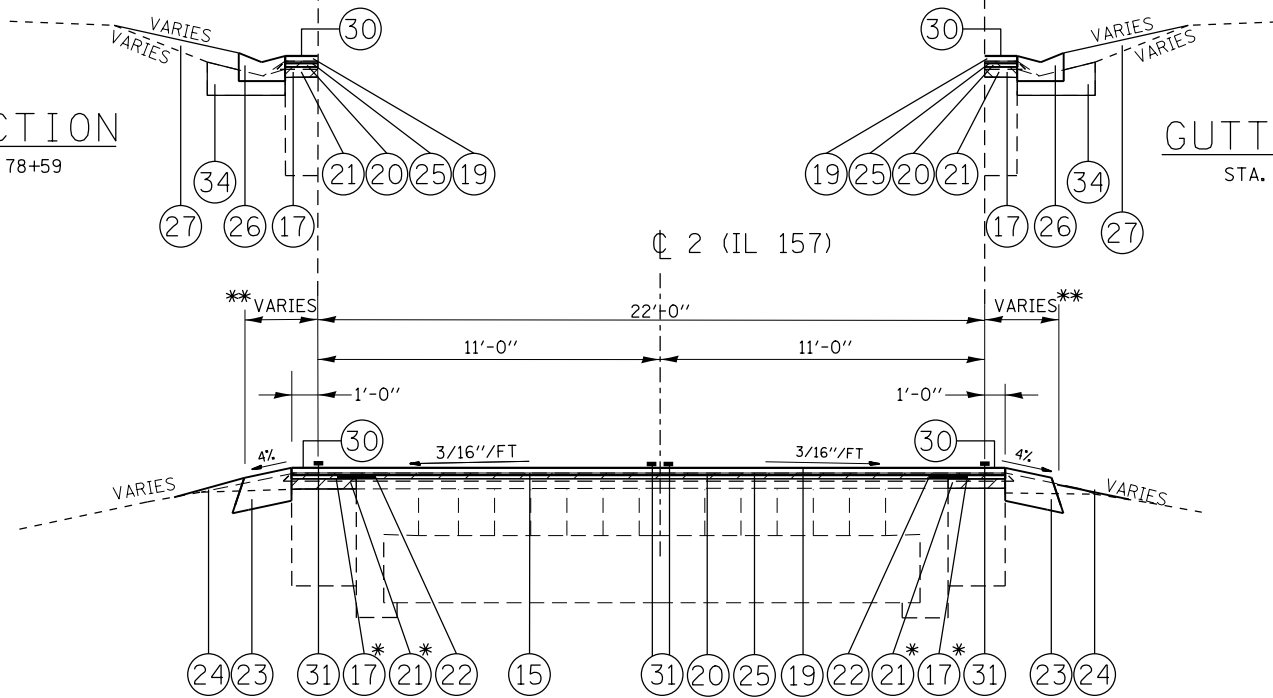
STA. 159+57 TO STA. 164+65  
 STA. 176+79 TO STA. 181+85  
 STA. 194+45 TO STA. 199+75  
 STA. 222+70 TO STA. 227+45  
 STA. 315+53 TO STA. 320+50  
 STA. 355+78 TO STA. 360+60  
 STA. 375+11 TO STA. 379+33

GUTTER SECTION

STA. 76+49 TO STA. 78+59

GUTTER SECTION

STA. 69+15 TO STA. 75+71



PROPOSED TYPICAL SECTION

OMISSION FROM STA. 47+58 TO STA. 68+52  
 STA. 68+52 TO STA. 338+99  
 STA. 343+80 TO STA. 400+40

\*VARIABLE DEPTH = (3" - 5 1/2"). CONTRACTOR TO ADJUST OPERATIONS BASED ON FIELD CONDITIONS. SEE SHEET 74 ROADWAY DETAILS.

\*\*3' SHOULDER WITH RUMBLE STRIPS FROM STA. 68+52 TO STA. 338+99 AND STA. 343+80 TO STA. 382+75  
 4' SHOULDER WITHOUT RUMBLE STRIPS FROM STA. 382+75 TO STA. 400+40

EXISTING HMA SHOULDER

STA. 200+75 TO STA. 223+39  
 STA. 228+76 TO STA. 263+86

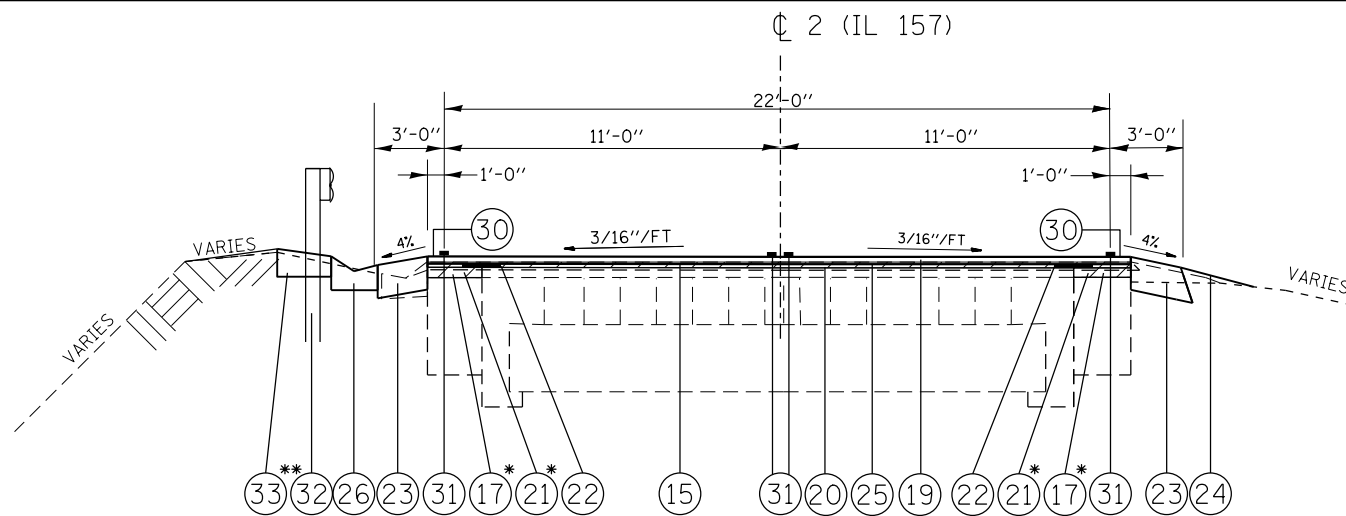
EXISTING HMA SHOULDER

STA. 199+75 TO STA. 222+70  
 STA. 227+45 TO STA. 263+86

FILE NAME = D876E86-sht-typical-08.dgn <b>CH2MHILL</b>	USER NAME = jhoffma5	DESIGNED - DP	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED TYPICAL SECTIONS IL 157</b>		FAS RTE. 770	FAU RTE. 8890	SECTION (65,66)RS-5	COUNTY MADISON	TOTAL SHEETS 76	SHEET NO. 19
	PLOT SCALE = 100.0000' / in.	CHECKED - TN	REVISED -				SCALE:	SHEET NO. 8 OF 9 SHEETS	CONTRACT NO. 76E86		ILLINOIS RESURFACING	
PLOT DATE = 6/23/2015	DATE = 6/26/2015	REVISOR -	REVISOR -									

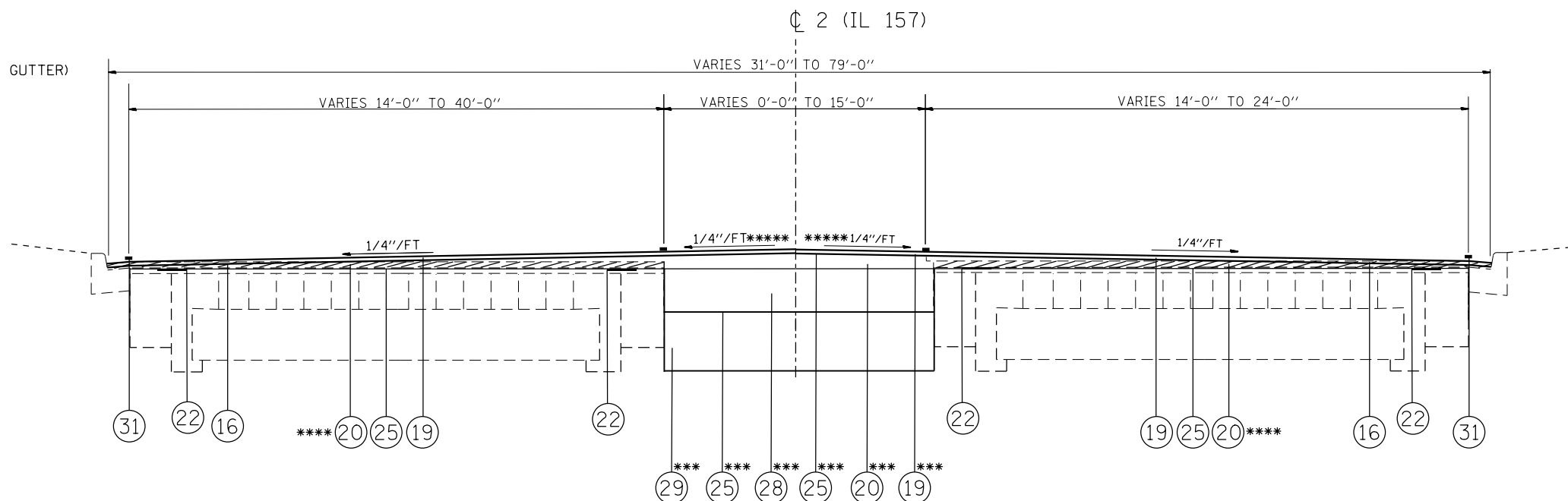
**LEGEND**

- ① EXISTING CONCRETE BASE, 8"
- ② EXISTING MASTIC CUSHION, 1"
- ③ EXISTING BRICK PAVEMENT, 2 1/4"
- ④ EXISTING CONCRETE RETAINER, 1'-3"
- ⑤ EXISTING PC CONCRETE BASE COURSE, 8"
- ⑥ EXISTING BITUMINOUS RESURFACING, (VAR. 4" TO 6 1/2")
- ⑦ EXISTING HMA SHOULDER
- ⑧ EXISTING AGGREGATE SHOULDERS
- ⑨ EXISTING PAINT PAVEMENT MARKING, LINE 4"
- ⑩ EXISTING GUARDRAIL, 9' STEEL POST
- ⑪ EXISTING CONC. CURB & GUTTER
- ⑫ EXISTING CONC. GUTTER (INCLUDES 1' EXTENSION AND HMA MATERIAL IN GUTTER)
- ⑬ EXISTING AGGREGATE SURFACE
- ⑭ EXISTING 3 FT SHOULDER WITH RUMBLE STRIPS
- ⑮ PROPOSED HMA SURFACE REMOVAL, 3/4"
- ⑯ PROPOSED HMA SURFACE REMOVAL, 2 1/4"
- ⑰ PROPOSED HMA SURFACE REMOVAL, VARIABLE DEPTH\*
- ⑱ PROPOSED HMA SHOULDERS, 1 1/2"
- ⑲ PROPOSED HMA SURFACE COURSE, MIX "D", N70, 1 1/2"
- ⑳ PROPOSED LEVELING BINDER (MACHINE METHOD), IL 9.5 (FG), N70, 3/4"
- ㉑ PROPOSED HMA BINDER COURSE, IL-19.0, N70, VARIABLE DEPTH\*
- ㉒ PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ㉓ PROPOSED HMA SHOULDERS, 8"
- ㉔ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ㉕ PROPOSED BITUMINOUS MATERIAL (PRIME COAT)
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- ㉗ PROPOSED EXCAVATION
- ㉘ PROPOSED HMA BASE COURSE, 9"
- ㉙ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE A 12"
- ㉚ PROPOSED SHOULDER RUMBLE STRIPS, 8 INCH
- ㉛ PROPOSED THERMOPLASTIC PAVEMENT MARKING
- ㉜ PROPOSED STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
- ㉝ PROPOSED AGGREGATE SHOULDERS, TYPE A 6"
- ㉞ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE C



**PROPOSED TYPICAL SECTION**

STA. 338+99 TO STA. 343+80  
 \*VARIABLE DEPTH = (3"- 5 1/2"). CONTRACTOR TO ADJUST OPERATIONS BASED ON FIELD CONDITIONS. SEE SHEET 74 ROADWAY DETAILS.  
 \*\* PROPOSED GUARDRAIL STA. 339+41 TO STA. 343+72



**PROPOSED TYPICAL SECTION**

STA. 400+40 TO STA. 402+57  
 \*\*\* FULL DEPTH PAVEMENT, STA. 401+17 TO STA. 402+48  
 \*\*\*\* LEVELING BINDER COURSE DEPTH VARIES 3/4" TO 2"  
 \*\*\*\*\* CROWN LOCATION MAY SHIFT TO ACCOMODATE 1/4"/FT SLOPE THROUGH MEDIAN

**NOTES**

1. ADDITIONAL LEVELING BINDER MATERIAL TO BE USED AT THE DISCRETION OF THE ENGINEER TO CORRECT SURFACE IRREGULARITIES.

FILE NAME = D876E86-shr-typical-09.dgn	USER NAME = jhoffm05	DESIGNED - DP	REVISED -
<b>CH2MHILL</b>	PLOT SCALE = 100.0000' / in.	DRAWN - JH	REVISED -
	PLOT DATE = 6/23/2015	CHECKED - TN	REVISED -
		DATE - 6/26/2015	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL SECTIONS  
IL 157**

SCALE: SHEET NO. 9 OF 9 SHEETS

FAS RTE.	FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
770	8890	(65,66)RS-5	MADISON	76	20
				CONTRACT NO. 76E86	
ILLINOIS RESURFACING					

PAVEMENT AND SHOULDER SCHEDULE																	
LOCATION				SUBBASE GRANULAR MATERIAL, TYPE A 12"	SUBBASE GRANULAR MATERIAL, TYPE C	HOT-MIX ASPHALT BASE COURSE 9"	BITUMINOUS MATERIALS (PRIME COAT)	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	LEVELING BINDER (MACHINE METHOD), IL-9.5 (FG), N70	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	STRIP REFLECTIVE CRACK CONTROL TREATMENT	AGGREGATE SHOULDERS, TYPE A 6"	AGGREGATE WEDGE SHOULDER, TYPE B	HOT-MIX ASPHALT SHOULDERS, 1 1/2"	HOT-MIX ASPHALT SHOULDERS, 8"	SHOULDER RUMBLE STRIPS, 8 INCH	REMARKS
STA.	TO	STA.	LT / RT	SO YD	TON	SO YD	POUND	TON	TON	TON	FOOT	SOYD	TON	TON	SO YD	FOOT	
15+80 C1	TO	47+58 C2	LT / RT				13,928	1,733	867								
68+52 C2	TO	402+57 C2	LT / RT				60,367	7,512	3,756								
30+97 C1	TO	7+30 C2	LT							42	614		36		136	614	PROPOSED SHOULDER SECTION
7+30 C2	TO	13+01 C2	LT				86						30	16		571	EXISTING SHOULDER / GUARDRAIL IMPROVEMENT SECTION
13+01 C2	TO	23+00 C2	LT							68	1,000		58		222	1,000	PROPOSED SHOULDER SECTION
23+00 C2	TO	29+18 C2	LT							42	618		36		87	618	PROPOSED SHOULDER TAPER SECTION
29+18 C2	TO	45+50 C2	LT										95			1,632	STRIPED SHOULDER SECTION
45+50 C2	TO	47+58 C2	LT				46						12	9		208	EXISTING SHOULDER SECTION
68+52 C2	TO	76+49 C2	LT							56	797		46		182	797	PROPOSED SHOULDER SECTION
78+59 C2	TO	177+11 C2	LT							687	9,852		575		2,187	9,852	PROPOSED SHOULDER SECTION
177+11 C2	TO	182+08 C2	LT				74						29	14		497	EXISTING SHOULDER / GUARDRAIL IMPROVEMENT SECTION
182+08 C2	TO	195+84 C2	LT							94	1,376		80		306	1,376	PROPOSED SHOULDER SECTION
195+84 C2	TO	200+75 C2	LT				100						29	19		491	EXISTING SHOULDER / GUARDRAIL IMPROVEMENT SECTION
200+75 C2	TO	263+86 C2	LT				934						368	174		6,311	EXISTING SHOULDER SECTION
263+86 C2	TO	316+61 C2	LT							361	5,275		308		1,172	5,275	PROPOSED SHOULDER SECTION
316+61 C2	TO	319+91 C2	LT				50						19	9		330	EXISTING SHOULDER / GUARDRAIL IMPROVEMENT SECTION
319+91 C2	TO	356+22 C2	LT							249	3,631		212		807	3,631	PROPOSED SHOULDER SECTION
356+22 C2	TO	361+45 C2	LT				78						31	15		523	EXISTING SHOULDER / GUARDRAIL IMPROVEMENT SECTION
361+45 C2	TO	376+83 C2	LT							105	1,538		90		342	1,538	PROPOSED SHOULDER SECTION
376+83 C2	TO	380+00 C2	LT				48						18	9		317	EXISTING SHOULDER / GUARDRAIL IMPROVEMENT SECTION
380+00 C2	TO	382+75 C2	LT							19	275		16		69	275	PROPOSED SHOULDER SECTION
382+75 C2	TO	400+40 C2	LT							121	1,765		103		580		PROPOSED SHOULDER SECTION ( 3' )
30+97 C1	TO	23+00 C2	RT							147	2,184		127		477	2,184	PROPOSED SHOULDER SECTION
23+00 C2	TO	27+71 C2	RT										27		94	471	PROPOSED SHOULDER TAPER SECTION
27+71 C2	TO	45+50 C2	RT										104			1,779	STRIPED SHOULDER SECTION
45+50 C2	TO	47+58 C2	RT				41						12	8		208	EXISTING SHOULDER SECTION
68+52 C2	TO	69+15 C2	RT							5	63		4		17	63	PROPOSED SHOULDER SECTION
69+15 C2	TO	75+71 C2	RT							44							PROPOSED SHOULDER SECTION
75+71 C2	TO	159+57 C2	RT							534	8,386		489		1,866	8,386	PROPOSED SHOULDER SECTION
159+57 C2	TO	164+65 C2	RT				76						30	14		508	EXISTING SHOULDER / GUARDRAIL IMPROVEMENT SECTION
164+65 C2	TO	176+79 C2	RT							84	1,214		71		270	1,214	PROPOSED SHOULDER SECTION
176+79 C2	TO	181+85 C2	RT				76						30	14		506	EXISTING SHOULDER / GUARDRAIL IMPROVEMENT SECTION
181+85 C2	TO	194+45 C2	RT							86	1,260		74		280	1,260	PROPOSED SHOULDER SECTION
194+45 C2	TO	199+75 C2	RT				81						31	15		530	EXISTING SHOULDER / GUARDRAIL IMPROVEMENT SECTION
199+75 C2	TO	263+86 C2	RT				1,182						374	221		6,411	EXISTING SHOULDER SECTION
263+86 C2	TO	315+53 C2	RT							354	5,167		301		1,148	5,167	PROPOSED SHOULDER SECTION
315+53 C2	TO	320+50 C2	RT				75						29	14		497	EXISTING SHOULDER / GUARDRAIL IMPROVEMENT SECTION
320+50 C2	TO	355+78 C2	RT							241	3,528		206		784	3,528	PROPOSED SHOULDER SECTION
355+78 C2	TO	360+60 C2	RT				72						28	13		482	EXISTING SHOULDER / GUARDRAIL IMPROVEMENT SECTION
360+60 C2	TO	375+11 C2	RT							99	1,451		85		319	1,451	PROPOSED SHOULDER SECTION
375+11 C2	TO	379+33 C2	RT				64						25	12		422	EXISTING SHOULDER / GUARDRAIL IMPROVEMENT SECTION
379+33 C2	TO	382+75 C2	RT							23	342		25		84	342	PROPOSED SHOULDER SECTION
382+75 C2	TO	400+40 C2	RT							120	1,765		103		572		PROPOSED SHOULDER SECTION ( 3' )
338+99 C2	TO	343+80 C2	LT									155					FULL DEPTH AGG SHLDR AT PROPOSED GUARDRAIL SECTION
34+15 C2	TO	45+66 C2	RT		91												AGGREGATE BASE AT PROPOSED GUTTER SECTION
36+96 C2	TO	42+26 C2	LT		41												AGGREGATE BASE AT PROPOSED GUTTER SECTION
69+15 C2	TO	75+71 C2	RT		51												AGGREGATE BASE AT PROPOSED GUTTER SECTION
76+49 C2	TO	78+59 C2	LT		13												AGGREGATE BASE AT PROPOSED GUTTER SECTION
338+99 C2	TO	343+80 C2	LT		39												AGGREGATE BASE AT PROPOSED GUTTER SECTION
401+17 C2	TO	402+48 C2	LT / RT	167		167	75	14	7								MEDIAN
73+24 C2			RT		6												MAILBOX TURNOUT
90+97 C2			RT		3												MAILBOX TURNOUT
95+37 C2			RT		7												MAILBOX TURNOUT
105+43 C2			RT		5												MAILBOX TURNOUT
205+24 C2			RT		6												MAILBOX TURNOUT
212+35 C2			RT		5												MAILBOX TURNOUT
214+28 C2			RT		4												MAILBOX TURNOUT
251+90 C2			RT		31												MAILBOX TURNOUT
281+55 C2			RT		5												MAILBOX TURNOUT
314+85 C2			RT		5												MAILBOX TURNOUT
325+63 C2			RT		10												MAILBOX TURNOUT
376+47 C2			RT		6												MAILBOX TURNOUT
15+80 C1	TO	402+57 C2	LT/RT						225								ADDITIONAL LEVELING BINDER MATERIAL FOR SURFACE IRREGULARITIES
<b>TOTAL:</b>				<b>167</b>	<b>328</b>	<b>167</b>	<b>77,452</b>	<b>9,260</b>	<b>4,855</b>	<b>3,581</b>	<b>52,101</b>	<b>155</b>	<b>4,365</b>	<b>575</b>	<b>12,000</b>	<b>71,265</b>	

EARTHWORK SCHEDULE						
LOCATION				EARTH EXCAVATION	FURNISHED EXCAVATION	REMARKS
STA.	TO	STA.	LT / RT	CU YD	CU YD	
34+15 C2	TO	45+66 C2	RT	18	117	TYPE A GUTTER
36+96 C2	TO	42+26 C2	LT	11	12	TYPE A GUTTER
69+15 C2	TO	75+71 C2	RT	20	7	TYPE A GUTTER
76+49 C2	TO	78+59 C2	LT	6		TYPE A GUTTER
338+99 C2	TO	343+80 C2	LT	46	198	TYPE A GUTTER / GUARDRAIL
401+17 C2	TO	402+48 C2	LT / RT	79		MEDIAN REMOVAL
30+97 C1	TO	400+40 C2	LT / RT	2000		8" HMA SHOULDER EXCAVATION
TOTAL:				2180	335	

GUARDRAIL SCHEDULE									
LOCATION				STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	GUARDRAIL MARKERS, TYPE A	TERMINAL MARKER - DIRECT APPLIED	REMARKS
STA.	TO	STA.	LT/RT	FOOT	FOOT	EACH	EACH	EACH	
339+41 C2	TO	339+91 C2	LT			1			
339+41 C2	TO		LT					1	
339+91 C2	TO	340+16 C2	LT	25.0			1		
340+16 C2	TO	341+85 C2	LT		168.75				
341+85 C2	TO	343+22 C2	LT	137.5			5		
343+22 C2	TO	343+72 C2	LT			1			
	TO	343+72 C2	LT					1	
	TO								
TOTAL:				162.5	168.75	2	6	2	

DRAINAGE SCHEDULE									
LOCATION		STRUCTURE EXCAVATION	METAL END SECTIONS 18"	PIPE DRAINS, CORRUGATED STEEL OR ALUMINUM ALLOY, 18"	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	GRATES, TYPE A	CLASS SI CONCRETE (OUTLET)	INLETS TO BE ADJUSTED (SPECIAL)	REMARKS
STA.	LT / RT	CU YD	EACH	FOOT	EACH	EACH	CU YD	EACH	
341+02 C2	LT	5	1	8		2	6.5		DOUBLE OUTLET TYPE 1 FOR TYPE A
396+83 C2	LT							1	
397+39 C2	LT							1	
401+25 C2	RT				1				
401+98 C2	RT					1			17" X 24" GRATE
		5	1	8	1	3	6.5	2	

BUTT JOINT, TEMPORARY RAMP, AND INCIDENTAL CONSRTUCTION SCHEDULE										
LOCATION					BITUMINOUS MATERIALS (PRIME COAT)	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	TEMPORARY RAMP	INCIDENTAL HOT-MIX ASPHALT SURFACING	REMARKS
STA.	LT/RT	ENTRANCE TYPE	MATERIAL	ROADWAY WIDTH	POUND	SQ YD	SQ YD	SQ YD	TONS	
15+80 C1	LT/RT	MAINLINE	HMA	36				27		BEGIN PROJECT
47+58 C2	LT/RT	MAINLINE	HMA	36		120		13		OMISSION
68+52 C2	LT/RT	MAINLINE	HMA	28		93		10		OMISSION
402+48 C2	LT/RT	MAINLINE	HMA	42				31		END PROJECT
25+89 C2	RT	SIDE ROAD	O&C	22	10	23			0.98	GEBHART LN.
117+89 C2	LT	SIDE ROAD	O&C	30	14	32			1.33	HAZEL RD.
118+16 C2	RT	SIDE ROAD	O&C	22	10	23			0.98	HAZEL RD.
128+03 C2	RT	SIDE ROAD	O&C	50	24	53			2.22	FRUIT RD.
158+50 C2	RT	SIDE ROAD	O&C	26	12	27			1.15	SUNRIDGE CT.
198+04 C2	LT	SIDE ROAD	O&C	30	14	32			1.33	QUERCUS GROVE RD.
264+10 C2	RT	SIDE ROAD	O&C	32	15	34			1.42	MAPLE RD.
297+31 C2	LT	SIDE ROAD	O&C	24	11	25			1.06	JERUSALEM RD.
349+05 C2	RT	SIDE ROAD	BIT	24	11	25			1.06	STAUNTON RD.
350+07 C2	LT	SIDE ROAD	BIT	24	11	25			1.06	STAUNTON RD.
382+77 C2	LT	SIDE ROAD	BIT	24	11	25			1.06	PARK AVE.
382+80 C2	RT	SIDE ROAD	CONC	32	15		34		1.42	TROTTER DR.
387+06 C2	LT	SIDE ROAD	O&C	24	11	25			1.06	ALLEN ST.
394+50 C2	RT	SIDE ROAD	O&C	26	12	27			1.15	MILLER AVE. ( 2ND ST)
397+00 C2	LT	SIDE ROAD	BIT	26	12	27			1.15	BROADWAY
31+16 C1	LT	PE	AGG	32	10				0.90	ENTRANCE
32+94 C1	RT	PE	CONC	30	14		32		1.33	ENTRANCE
4+22 C2	RT	PE	AGG/CONC	16	8		17		0.71	ENTRANCE
5+46 C2	RT	PE	AGG	48	14				1.34	ENTRANCE
6+28 C2	RT	PE	HMA	30	14	32			1.33	ENTRANCE
7+07 C2	RT	PE	AGG	22	7				0.62	ENTRANCE
7+63 C2	RT	PE	AGG	15	5				0.42	ENTRANCE
8+18 C2	RT	PE	AGG	20	6				0.56	ENTRANCE
8+47 C2	RT	PE	HMA	20	10	21			0.89	ENTRANCE
9+95 C2	RT	PE	AGG	26	8				0.73	ENTRANCE
11+09 C2	RT	PE	AGG	42	13				1.18	ENTRANCE
12+07 C2	RT	PE	AGG	14	4				0.39	ENTRANCE
12+30 C2	RT	PE	HMA	14	7	15			0.62	ENTRANCE
13+14 C2	RT	PE	AGG	40	12				1.12	ENTRANCE
14+06 C2	RT	PE	HMA	14	4	15			0.39	ENTRANCE
15+34 C2	RT	PE	AGG	12	4				0.34	ENTRANCE
16+35 C2	RT	PE	AGG	22	7				0.62	ENTRANCE
17+82 C2	RT	PE	AGG	32	10				0.90	ENTRANCE
18+24 C2	RT	PE	AGG	70	21				1.96	ENTRANCE
20+69 C2	RT	PE	AGG	20	6				0.56	ENTRANCE
22+24 C2	RT	PE	AGG	14	4				0.39	ENTRANCE
22+58 C2	RT	PE	AGG	26	8				0.73	ENTRANCE
23+04 C2	RT	PE	AGG	50	15				1.40	ENTRANCE
28+18 C2	RT	PE	AGG	11	3				0.31	ENTRANCE
33+46 C2	RT	PE	AGG	42	13				1.18	ENTRANCE
34+70 C2	LT	PE	AGG	60	18				1.68	ENTRANCE
42+43 C2	RT	PE	HMA	12	6	13			0.53	ENTRANCE
44+07 C2	LT	PE	CONC	22	10		23		0.98	ENTRANCE
45+96 C2	RT	PE	AGG	13	4				0.36	ENTRANCE
46+55 C2	RT	PE	AGG	30	9				0.84	ENTRANCE
46+81 C2	LT	PE	AGG	22	7				0.62	ENTRANCE
SUB-TOTAL:					475	714	106	82	44	

BUTT JOINT, TEMPORARY RAMP, AND INCIDENTAL CONSTRUCTION SCHEDULE (CONT.)											
LOCATION					BITUMINOUS MATERIALS (PRIME COAT)	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	TEMPORARY RAMP	INCIDENTAL HOT-MIX ASPHALT SURFACING	REMARKS	
STA.	LT/RT	ENTRANCE TYPE	MATERIAL	ROADWAY WIDTH	POUND	SQ YD	SQ YD	SQ YD	TONS		
69+85 C2	LT	PE	AGG	12	4				0.34	ENTRANCE	
73+24 C2	LT	PE	HMA	12	6	13			0.53	ENTRANCE	
76+31 C2	LT	PE	AGG	12	4				0.34	ENTRANCE	
76+35 C2	RT	PE	AGG	14	4				0.39	ENTRANCE	
78+84 C2	LT	PE	AGG	14	4				0.39	ENTRANCE	
81+45 C2	LT	FE	GRASS	14	4				0.39	ENTRANCE	
83+02 C2	RT	PE	O&C	24	7				0.67	ENTRANCE	
87+35 C2	RT	PE	AGG	14	4				0.39	ENTRANCE	
87+36 C2	LT	PE	AGG	12	4				0.34	ENTRANCE	
90+90 C2	LT	PE	HMA	11	5	12			0.49	ENTRANCE	
95+68 C2	LT	PE	AGG	12	4				0.34	ENTRANCE	
103+01 C2	LT	PE	AGG	12	4				0.34	ENTRANCE	
105+54 C2	LT	PE	CONC	20	10		21		0.89	ENTRANCE	
110+27 C2	RT	PE	AGG	16	5				0.45	ENTRANCE	
110+66 C2	LT	PE	AGG	20	6				0.56	ENTRANCE	
112+14 C2	RT	PE	AGG	12	4				0.34	ENTRANCE	
112+49 C2	LT	PE	CONC	20	10		21		0.89	ENTRANCE	
134+29 C2	RT	FE	GRASS	14	4				0.39	ENTRANCE	
137+47 C2	RT	PE	AGG	12	4				0.34	ENTRANCE	
158+27 C2	LT	FE	GRASS	12	4				0.34	ENTRANCE	
167+06 C2	RT	FE	GRASS	16	5				0.45	ENTRANCE	
169+29 C2	LT	PE	AGG	12	4				0.34	ENTRANCE	
173+21 C2	RT	PE	HMA	22	10	23			0.98	ENTRANCE	
187+36 C2	LT	FE	GRASS	20	6				0.56	ENTRANCE	
190+29 C2	LT	FE	GRASS	12	4				0.34	ENTRANCE	
190+75 C2	RT	PE	O&C	20	6				0.56	ENTRANCE	
203+70 C2	RT	PE	AGG	15	5				0.42	ENTRANCE	
205+10 C2	LT	CE	CONC	34	16		36		1.51	ENTRANCE	
207+81 C2	RT	PE	BIT	34	10				0.95	ENTRANCE	
207+81 C2	LT	PE	AGG	26	8				0.73	ENTRANCE	
209+30 C2	LT	CE	CONC	37	18		39		1.64	ENTRANCE	
212+25 C2	LT	PE	AGG	120	36				3.36	ENTRANCE	
214+28 C2	LT	PE	BIT	12	4				0.34	ENTRANCE	
222+08 C2	LT	FE	DIRT	20	6				0.56	ENTRANCE	
231+53 C2	RT	PE	AGG	30	9				0.84	ENTRANCE	
231+64 C2	LT	PE	AGG	18	5				0.50	ENTRANCE	
252+30 C2	LT	PE	AGG	110	33				3.08	ENTRANCE	
263+04 C2	LT	PE	BIT	14	4				0.39	ENTRANCE	
267+31 C2	LT	PE	AGG	20	6				0.56	ENTRANCE	
281+76 C2	RT	FE	AGG	14	4				0.39	ENTRANCE	
281+80 C2	LT	FE	AGG	16	5				0.45	ENTRANCE	
286+10 C2	LT	PE	AGG	14	4				0.39	ENTRANCE	
297+79 C2	RT	PE	BIT	22	7				0.62	ENTRANCE	
301+38 C2	LT	PE	AGG	14	4				0.39	ENTRANCE	
313+72 C2	RT	PE	O&C	22	7				0.62	ENTRANCE	
313+79 C2	LT	PE	AGG	30	9				0.84	ENTRANCE	
315+38 C2	LT	PE	AGG	14	4				0.39	ENTRANCE	
320+17 C2	LT	PE	BIT	10	3				0.28	ENTRANCE	
321+28 C2	LT	PE	BIT	14	4				0.39	ENTRANCE	
321+73 C2	RT	PE	BIT	12	4				0.34	ENTRANCE	
SUB-TOTAL:					346	48	117	0	32		



BUTT JOINT, TEMPORARY RAMP, AND INCIDENTAL CONSTRUCTION SCHEDULE (CONT.)											
LOCATION					BITUMINOUS MATERIALS (PRIME COAT)	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	TEMPORARY RAMP	INCIDENTAL HOT-MIX ASPHALT SURFACING	REMARKS	
STA.	LT/RT	ENTRANCE TYPE	MATERIAL	ROADWAY WIDTH	POUND	SQ YD	SQ YD	SQ YD	TONS		
323+09 C2	LT	PE	BIT	10	3				0.28	ENTRANCE	
325+60 C2	LT	PE	BIT	14	4				0.39	ENTRANCE	
327+51 C2	RT	PE	AGG	16	5				0.45	ENTRANCE	
328+84 C2	LT	PE	AGG	12	4				0.34	ENTRANCE	
331+88 C2	RT	PE	AGG	18	5				0.50	ENTRANCE	
334+56 C2	RT	CE	AGG	28	8				0.78	ENTRANCE	
337+91 C2	RT	PE	AGG	16	5				0.45	ENTRANCE	
338+84 C2	LT	PE	AGG	15	5				0.42	ENTRANCE	
347+42 C2	LT	PE	AGG	12	4				0.34	ENTRANCE	
362+49 C2	RT	PE	AGG	12	4				0.34	ENTRANCE	
365+61 C2	RT	PE	AGG	18	5				0.50	ENTRANCE	
369+44 C2	RT	PE	AGG	18	5				0.50	ENTRANCE	
376+42 C2	LT	PE	AGG	12	4				0.34	ENTRANCE	
380+24 C2	RT	CE	BIT	21	6				0.59	ENTRANCE	
384+35 C2	RT	FE	BIT	33	10				0.92	ENTRANCE	
385+11 C2	LT	PE	BIT	20	6				0.56	ENTRANCE	
386+11 C2	LT	PE	CONC	24	11		25		1.06	ENTRANCE	
387+65 C2	RT	PE	AGG	15	5				0.42	ENTRANCE	
389+61 C2	RT	PE	AGG	40	12				1.12	ENTRANCE	
390+53 C2	LT	PE	AGG	12	4				0.34	ENTRANCE	
391+15 C2	RT	PE	BIT	36	11				1.01	ENTRANCE	
392+92 C2	RT	PE	AGG	10	3				0.28	ENTRANCE	
393+20 C2	LT	PE	AGG	22	7				0.62	ENTRANCE	
396+23 C2	RT	CE	AGG	60	18				1.68	ENTRANCE	
396+83 C2	LT								0.05	INLETS TO BE ADJUSTED (SPECIAL)	
397+39 C2	LT								0.05	INLETS TO BE ADJUSTED (SPECIAL)	
SUB-TOTAL:					475	714	106	82	44	SHEET 23 SUBTOTAL	
SUB-TOTAL:					346	48	117	0	32	SHEET 24 SUBTOTAL	
SUB-TOTAL:					152	0	25	0	14	SHEET 25 SUBTOTAL	
<b>TOTAL:</b>					<b>974</b>	<b>761</b>	<b>248</b>	<b>82</b>	<b>91</b>		

PATCHING SCHEDULE											
LOCATION				CLASS B PATCHES, TYPE II, 13 INCH	CLASS B PATCHES, TYPE III, 13 INCH	CLASS B PATCHES, TYPE IV, 13 INCH	DOWEL BARS 1 1/2"	TIE BARS 3/4"	PAVEMENT FABRIC	SAW CUTS	REMARKS
STA.	LT / RT	LENGTH	WIDTH	SQ YD	SQ YD	SQ YD	EACH	EACH	SQ YD	FOOT	
16+20 C1	RT	6.00	12.00	8			20				
16+20 C1	LT	6.00	16.00	11			28			104	
16+26 C1	RT	19.00	12.00			25	20		25	93	
17+20 C1	LT	50.00	16.00			89	28	24	89	148	
17+35 C1	RT	25.00	16.00			44	28	12	44	98	
17+60 C1	LT	40.00	12.00			53	20	19	53	116	
18+75 C1	LT	6.00	12.00	8			20			54	
19+25 C1	LT	6.00	12.00	8			20			48	
19+80 C1	LT	6.00	12.00	8			20			48	
20+30 C1	LT	6.00	12.00	8			20			48	
20+90 C1	LT	12.00	12.00		16		20		16	60	
21+85 C1	LT	6.00	12.00	8			20			54	
22+40 C1	LT	6.00	12.00	8			20			54	
22+70 C1	LT	6.00	12.00	8			20			54	
27+50 C1	LT	15.00	12.00		20		20		20	81	
28+00 C1	LT	30.00	12.00			40	20	14	40	96	
28+40 C1	RT	10.00	12.00	13			20			66	
30+00 C1	LT	6.00	12.00	8			20			54	
30+35 C1	LT	6.00	12.00	8			20			48	
10+10 C2	RT	50.00	12.00			67	20	24	67	124	
13+25 C2	LT	200.00	12.00			267	20	99	267	424	
15+45 C2	RT	50.00	12.00			67	20	24	67	124	
17+15 C2	RT	25.00	12.00			33	20	12	33	74	
42+10 C2	RT	6.00	12.00	8			20			54	
42+75 C2	RT	6.00	12.00	8			20			54	
73+50 C2	RT	100.00	12.00			133	20	49	133	336	
257+25 C2	LT	10.00	12.00	13			20			44	
280+60 C2	RT	30.00	12.00			40	20	14	40	84	
318+50 C2	LT	15.00	12.00		20		20		20	66	
358+90 C2	LT	10.00	12.00	13			20			56	
<b>TOTAL:</b>				<b>146</b>	<b>56</b>	<b>858</b>	<b>624</b>	<b>291</b>	<b>914</b>	<b>2,764</b>	

EROSION CONTROL SCHEDULE								
LOCATION				EROSION CONTROL BLANKET	PERIMETER EROSION BARRIER	STONE DUMPED RIP RAP, CLASS A4	FILTER FABRIC	REMARKS
STA.	TO	STA.	LT/RT	SQ YD	FOOT	SQ YD	SQ YD	
30+97 C1	TO	36+96 C2	LT	1,193				
36+96 C2	TO	42+26 C2	LT	587				CONCRETE GUTTER, TYPE A
42+26 C2	TO	47+58 C2	LT	177				
68+52 C2	TO	76+49 C2	LT	266				
76+49 C2	TO	78+59 C2	LT	225				CONCRETE GUTTER, TYPE A
78+59 C2	TO	338+99 C2	LT	8,680				
338+99 C2	TO	343+80 C2	LT	526				CONCRETE GUTTER, TYPE A
343+80 C2	TO	400+40 C2	LT	1,888				
30+97 C1	TO	34+15 C2	RT	1,100				
34+15 C2	TO	45+66 C2	RT	1,444				CONCRETE GUTTER, TYPE A
45+66 C2	TO	47+58 C2	RT	64				
68+52 C2	TO	69+15 C2	RT	21				
69+15 C2	TO	75+71 C2	RT	685				CONCRETE GUTTER, TYPE A
75+71 C2	TO	400+40 C2	RT	10,823				
339+32 C2	TO	343+88 C2	LT		500			
		42+30 C2	LT			9		
		45+75 C2	RT			22		
		46+20 C2	RT			33		
		69+10 C2	RT			9		
		76+45 C2	LT			9		
		339+45 C2	LT			8		
		341+02 C2	LT			16		
		341+88 C2	LT			20		
		343+74 C2	LT			8		
		396+83 C2	LT		32			
		397+39 C2	LT		32			
		341+02 C2	LT				16	
<b>TOTAL:</b>				<b>27,678</b>	<b>564</b>	<b>134</b>	<b>16</b>	

SEEDING SCHEDULE									
LOCATION				SEEDING, CLASS 2A	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MULCH, METHOD 1	REMARKS
STA.	TO	STA.	LT / RT	ACRE	POUND	POUND	POUND	ACRE	
30+97 C1	TO	36+96 C2	LT	0.25	22	22	22	0.49	
36+96 C2	TO	42+26 C2	LT	0.12	11	11	11	0.24	CONCRETE GUTTER, TYPE A
42+26 C2	TO	47+58 C2	LT	0.04	3	3	3	0.07	
68+52 C2	TO	76+49 C2	LT	0.05	5	5	5	0.11	
76+49 C2	TO	78+59 C2	LT	0.05	4	4	4	0.10	CONCRETE GUTTER, TYPE A
78+59 C2	TO	338+99 C2	LT	1.79	161	161	161	3.59	
338+99 C2	TO	343+80 C2	LT	0.11	10	10	10	0.22	CONCRETE GUTTER, TYPE A
343+80 C2	TO	400+40 C2	LT	0.39	35	35	35	0.78	
30+97 C1	TO	34+15 C2	RT	0.23	21	21	21	0.46	
34+15 C2	TO	45+66 C2	RT	0.26	24	24	24	0.53	CONCRETE GUTTER, TYPE A
45+66 C2	TO	47+58 C2	RT	0.01	1	1	1	0.03	
68+52 C2	TO	69+15 C2	RT	0.00	0	0	0	0.01	
69+15 C2	TO	75+71 C2	RT	0.15	14	14	14	0.30	CONCRETE GUTTER, TYPE A
75+71 C2	TO	400+40 C2	RT	2.24	201	201	201	4.47	
<b>TOTAL:</b>				<b>5.75</b>	<b>513</b>	<b>513</b>	<b>513</b>	<b>11.50</b>	

CURB, GUTTER, AND SIDEWALK SCHEDULE											
LOCATION				PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	DETECTABLE WARNINGS	CONCRETE CURB, TYPE B	CONCRETE GUTTER, TYPE A	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.18	CLASS SI CONCRETE (OUTLET)	REMARKS
STA.	TO	STA.	LT/RT	SQ FT	SQ FT	FOOT	FOOT	FOOT	FOOT	CU YD	
15+80 C1	TO	16+12 C1	LT	235.5	12						ADA Ramp
15+80 C1	TO	16+12 C1	RT	203.5	12						ADA Ramp
17+53 C1	TO	17+82 C1	RT	320.0	12						ADA Ramp
15+99 C1	TO	16+17 C1	LT			18.5					
15+99 C1	TO	16+09 C1	RT			10.5					
17+53 C1	TO	17+82 C1	RT					28.5	5.0		
		34+15 C2	RT							0.9	GUTTER INLET
34+15 C2	TO	42+29 C2	RT				792.5				
42+29 C2	TO	42+57 C2	RT							4.5	GUTTER ENTRANCE
42+57 C2	TO	45+66 C2	RT				259.5				
		45+66 C2	RT							4.7	GUTTER OUTLET
		36+96 C2	LT							0.9	GUTTER INLET
36+96 C2	TO	42+26 C2	LT				471.0				
		42+26 C2	LT							4.7	GUTTER OUTLET
		69+15 C2	RT							4.7	GUTTER OUTLET
69+15 C2	TO	75+71 C2	RT				595.5				
		75+71 C2	RT							0.9	GUTTER INLET
		76+49 C2	LT							4.7	GUTTER OUTLET
76+49 C2	TO	78+59 C2	LT				148.0				
		78+59 C2	LT							0.9	GUTTER INLET
		338+99 C2	LT							0.9	GUTTER INLET
338+99 C2	TO	343+80 C2	LT				453.5				
		343+80 C2	LT							0.9	GUTTER INLET
<b>TOTAL:</b>				<b>759.0</b>	<b>36</b>	<b>29.0</b>	<b>2,720.0</b>	<b>28.5</b>	<b>5.0</b>	<b>28.9</b>	

PAVEMENT MARKING SCHEDULE																
LOCATION				THERMOPLASTIC PAVEMENT MARKING -							PRISMATIC CURB REFLECTOR	RAISED REFLECTIVE PAVEMENT MARKER	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	PAINT CURB	REMARKS	
				LINE 4"				LINE 12"		LINE 24"						
				SOLID WHITE	SOLID YELLOW	SOLID DOUBLE YELLOW	SKIP DASH YELLOW	WHITE	YELLOW	WHITE						
STA.	TO	STA.	LT/RT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH	FOOT		
15+80 C1	TO	15+93 C1	LT	13											EDGE LINE	
15+80 C1	TO	15+93 C1	LT/RT			26									CENTERLINE	
15+80 C1	TO	15+93 C1	RT	13											EDGE LINE	
		15+88 C1	RT							18					STOP BAR	
		15+93 C1	LT/RT					36							CROSSWALK	
		15+99 C1	LT/RT					36							CROSSWALK	
		16+15 C1	LT							18					STOP BAR	
15+99 C1	TO	47+70 C2	LT	6, 180											EDGE LINE	
15+99 C1	TO	47+70 C2	RT	6, 137											EDGE LINE	
24+72 C2	TO	47+70 C2	LT/RT					250							SHOULDER STRIPE	
15+99 C1	TO	9+39 C2	LT/RT				581				58	58			CENTERLINE	
9+39 C2	TO	16+43 C2	LT/RT		703		176				18	18			CENTERLINE, LT SKIP, RT SOLID	
16+43 C2	TO	20+19 C2	LT/RT				94				9	9			CENTERLINE	
20+19 C2	TO	22+05 C2	LT/RT		186		47				5	5			CENTERLINE, LT SOLID, RT SKIP	
22+05 C2	TO	47+70 C2	LT/RT			5, 130					64	64			CENTERLINE	
68+52 C2	TO	402+14 C2	LT	33, 388											EDGE LINE	
68+52 C2	TO	402+83 C2	RT	33, 451											EDGE LINE	
68+52 C2	TO	83+22 C2	LT/RT			2, 942					37	37			CENTERLINE	
83+22 C2	TO	89+14 C2	LT/RT		592		148				15	15			CENTERLINE, LT SOLID, RT SKIP	
89+14 C2	TO	92+96 C2	LT/RT				95				10	10			CENTERLINE	
92+96 C2	TO	103+69 C2	LT/RT		1, 074		269				27	27			CENTERLINE, LT SKIP, RT SOLID	
103+69 C2	TO	106+66 C2	LT/RT			594					7	7			CENTERLINE	
106+66 C2	TO	123+53 C2	LT/RT		1, 688		422				42	42			CENTERLINE, LT SOLID, RT SKIP	
123+53 C2	TO	148+15 C2	LT/RT				616				62	62			CENTERLINE	
148+15 C2	TO	153+00 C2	LT/RT		485		121				12	12			CENTERLINE, LT SKIP, RT SOLID	
153+00 C2	TO	159+00 C2	LT/RT				150				15	15			CENTERLINE	
159+00 C2	TO	165+76 C2	LT/RT		676		169				17	17			CENTERLINE, LT SOLID, RT SKIP	
165+76 C2	TO	167+04 C2	LT/RT				32				3	3			CENTERLINE	
167+04 C2	TO	172+51 C2	LT/RT		547		137				14	14			CENTERLINE, LT SKIP, RT SOLID	
172+51 C2	TO	176+52 C2	LT/RT				101				10	10			CENTERLINE	
176+52 C2	TO	182+36 C2	LT/RT		584		146				15	15			CENTERLINE, LT SOLID, RT SKIP	
182+36 C2	TO	183+32 C2	LT/RT			192					2	2			CENTERLINE	
183+32 C2	TO	189+38 C2	LT/RT		606		152				15	15			CENTERLINE, LT SKIP, RT SOLID	
189+38 C2	TO	194+32 C2	LT/RT				124				12	12			CENTERLINE	
194+32 C2	TO	200+83 C2	LT/RT		650		163				16	16			CENTERLINE, LT SOLID, RT SKIP	
200+83 C2	TO	223+29 C2	LT/RT				562				56	56			CENTERLINE	
223+29 C2	TO	228+67 C2	LT/RT		537		134				13	13			CENTERLINE, LT SKIP, RT SOLID	
228+67 C2	TO	234+79 C2	LT/RT				153				15	15			CENTERLINE	
234+79 C2	TO	240+79 C2	LT/RT		600		150				15	15			CENTERLINE, LT SOLID, RT SKIP	
240+79 C2	TO	242+29 C2	LT/RT				38				4	4			CENTERLINE	
242+29 C2	TO	250+68 C2	LT/RT		839		210				21	21			CENTERLINE, LT SKIP, RT SOLID	
250+68 C2	TO	252+79 C2	LT/RT				53				5	5			CENTERLINE	
252+79 C2	TO	259+14 C2	LT/RT		634		159				16	16			CENTERLINE, LT SOLID, RT SKIP	
259+14 C2	TO	317+13 C2	LT/RT				1, 450				145	145			CENTERLINE	
317+13 C2	TO	328+71 C2	LT/RT		1, 158		290				29	29			CENTERLINE, LT SKIP, RT SOLID	
328+71 C2	TO	376+44 C2	LT/RT			9, 548					119	119			CENTERLINE	
376+44 C2	TO	381+25 C2	LT/RT		481		120				12	12			CENTERLINE, LT SOLID, RT SKIP	
381+25 C2	TO	396+64 C2	LT/RT				385				38	38			CENTERLINE	
396+64 C2	TO	400+73 C2	LT/RT			818					10	10			CENTERLINE	
400+73 C2	TO	402+48 C2	LT			180					5	2			PAINTED MEDIAN	
400+73 C2	TO	402+48 C2	RT			176			90		9	2			PAINTED MEDIAN	
		402+43 C2	RT							21					STOP BAR	
		402+21 C2	LT							21					STOP BAR	
402+26 C2	TO	402+42 C2	LT								12			46	PAINTED ISLAND	
SUBTOTAL					79, 182	12, 040	19, 606	7, 441	322	90	78	12	998	988	46	
TOTAL						118, 269			412		78	12	998	988	46	



REMOVAL SCHEDULE													REMARKS	
LOCATION				HOT-MIX ASPHALT SURFACE REMOVAL, 3/4"	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	CURB REMOVAL	GUTTER REMOVAL	COMBINATION CURB AND GUTTER REMOVAL	SIDEWALK REMOVAL	MEDIAN REMOVAL	SAW CUTS		
STA.	TO	STA.	LT / RT	SQ YD	SQ YD	SQ YD	FOOT	FOOT	FOOT	SQ FT	SQ FT	FOOT		
15+80 C1	TO	30+97 C1	RT/LT		6,034									
30+97 C1	TO	47+57 C2	RT/LT	14,600										
68+52 C2	TO	400+40 C2	RT/LT	88,516										
400+40 C2	TO	402+57 C2	RT/LT		917									
30+97 C1	TO	7+11 C2	LT			136								
30+97 C1	TO	27+71 C2	RT			580								
13+01 C2	TO	29+18 C2	LT			359								
68+52 C2	TO	177+11 C2	LT			2,412								
68+52 C2	TO	159+57 C2	RT			2,025								
159+57 C2	TO	176+79 C2	RT			270								
182+08 C2	TO	195+84 C2	RT			306								
181+85 C2	TO	194+45 C2	RT			280								
263+86 C2	TO	316+61 C2	LT			1,172								
263+86 C2	TO	315+53 C2	RT			1,148								
319+91 C2	TO	356+22 C2	LT			807								
320+50 C2	TO	355+78 C2	RT			784								
364+45 C2	TO	376+83 C2	LT			342								
360+60 C2	TO	375+11 C2	RT			322								
380+00 C2	TO	400+40 C2	LT			454								
379+33 C2	TO	400+40 C2	RT			465								
15+83 C1	TO	16+17 C1	LT				15							
15+86 C1	TO	16+10 C1	RT				16							
17+68 C1	TO	17+73 C1	RT				16							
34+15 C2	TO	45+66 C2	RT					1,151					INCLUDES 1' EXTENSION AND HMA MATERIAL IN	
36+96 C2	TO	42+26 C2	LT					530					INCLUDES 1' EXTENSION AND HMA MATERIAL IN	
69+15 C2	TO	75+71 C2	RT					944					INCLUDES 1' EXTENSION AND HMA MATERIAL IN	
76+49 C2	TO	78+59 C2	LT					210					INCLUDES 1' EXTENSION AND HMA MATERIAL IN	
338+99 C2	TO	343+80 C2	LT					481					INCLUDES 1' EXTENSION AND HMA MATERIAL IN	
401+17 C2	TO	402+48 C2	LT/RT						270		1,500	270	SAWCUT FOR MEDIAN REMOVAL	
15+83 C1	TO	16+17 C1	LT							200				
15+86 C1	TO	16+10 C1	RT							204				
17+68 C1	TO	17+73 C1	RT							236				
17+53 C1	TO	17+82 C1	RT						40					
TOTAL:				103,115	6,951	11,863	47	3,316	310	640	1,500	270		

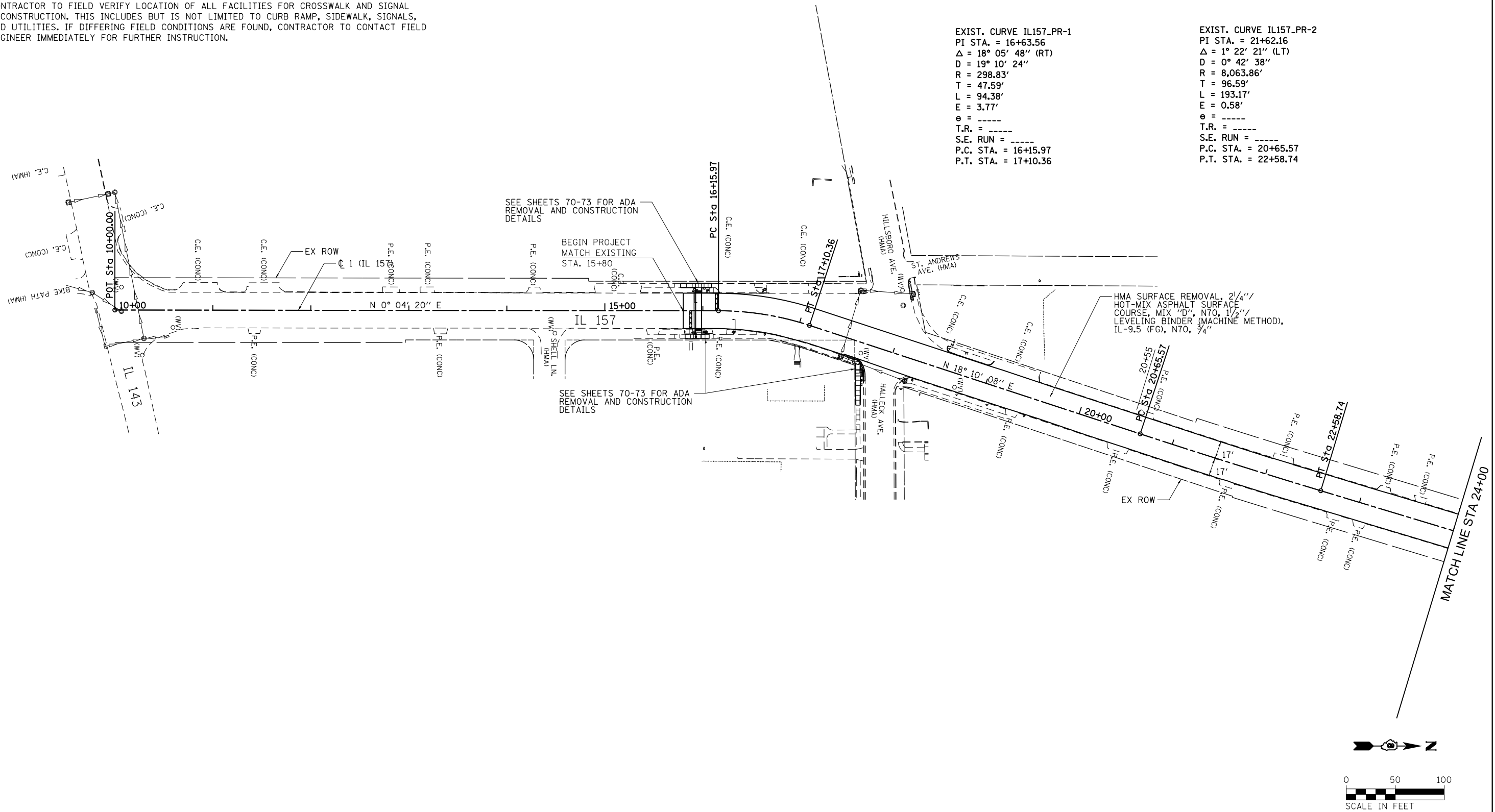
REMOVAL SCHEDULE (MISC.)											REMARKS
STA.	LT / RT	PIPE CULVERT REMOVAL	REMOVING INLETS	GUARDRAIL REMOVAL	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	REMOVE EXISTING HANDHOLE	REMOVE EXISTING CONCRETE FOUNDATION	REMOVE SIGN PANEL ASSEMBLY - TYPE A	REMOVE SIGN PANEL - TYPE I	REMOVE GROUND MOUNTED SIGN SUPPORT	
		FOOT	EACH	FOOT	EACH	EACH	EACH	EACH	SQ FT	EACH	
15+93 C1	RT					1					
16+04 C1	LT				1		1				
16+06 C1	LT				1						
16+04 C1	RT				1		1				
16+05 C1	RT				1						
17+77 C1	RT							1			
37+20 C2	LT								5.00	1	
41+63 C2	LT								8.50	1	
45+92 C2	LT								5.00	1	
341+02 C2	LT	10	1								
343+76 C2	LT			430							
401+25 C2	LT								5.00	1	
402+21 C2	RT								8.00	1	
402+43 C2	LT								5.00	1	
402+35 C2	LT					1					
TOTAL:		10	1	430	4	2	2	1	37	6	

**NOTES:**

1. CONTRACTOR TO FIELD VERIFY LOCATION OF ALL EXISTING GUARDRAIL PRIOR TO CONSTRUCTION. IF DIFFERING FIELD CONDITIONS ARE FOUND CONTRACTOR TO CONTACT RESIDENT ENGINEER IMMEDIATELY FOR FURTHER INSTRUCTION.
2. SEE TYPICAL SECTIONS AND ROADWAY DETAIL FOR HMA SURFACE REMOVAL (3"-5/2") AND PROPOSED HMA BINDER COURSE, IL-19.0, N70 (3"-5/2") STATIONING AND CONSTRUCTION.
3. CONTRACTOR TO FIELD VERIFY LOCATION OF ALL FACILITIES FOR CROSSWALK AND SIGNAL RECONSTRUCTION. THIS INCLUDES BUT IS NOT LIMITED TO CURB RAMP, SIDEWALK, SIGNALS, AND UTILITIES. IF DIFFERING FIELD CONDITIONS ARE FOUND, CONTRACTOR TO CONTACT FIELD ENGINEER IMMEDIATELY FOR FURTHER INSTRUCTION.

EXIST. CURVE IL157\_PR-1  
 PI STA. = 16+63.56  
 $\Delta = 18^\circ 05' 48''$  (RT)  
 $D = 19^\circ 10' 24''$   
 $R = 298.83'$   
 $T = 47.59'$   
 $L = 94.38'$   
 $E = 3.77'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. \text{ RUN} = \text{-----}$   
 $P.C. \text{ STA.} = 16+15.97$   
 $P.T. \text{ STA.} = 17+10.36$

EXIST. CURVE IL157\_PR-2  
 PI STA. = 21+62.16  
 $\Delta = 1^\circ 22' 21''$  (LT)  
 $D = 0^\circ 42' 38''$   
 $R = 8,063.86'$   
 $T = 96.59'$   
 $L = 193.17'$   
 $E = 0.58'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. \text{ RUN} = \text{-----}$   
 $P.C. \text{ STA.} = 20+65.57$   
 $P.T. \text{ STA.} = 22+58.74$



FILE NAME = D876E86-sht-plan-01.dgn	USER NAME = jhoffm05	DESIGNED - DP	REVISED -
<b>CH2MHILL</b>	PLOT SCALE = 100.0000' / in.	DRAWN - JH	REVISED -
	PLOT DATE = 6/23/2015	CHECKED - TN	REVISED -
		DATE - 6/26/2015	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN  
 IL 157**

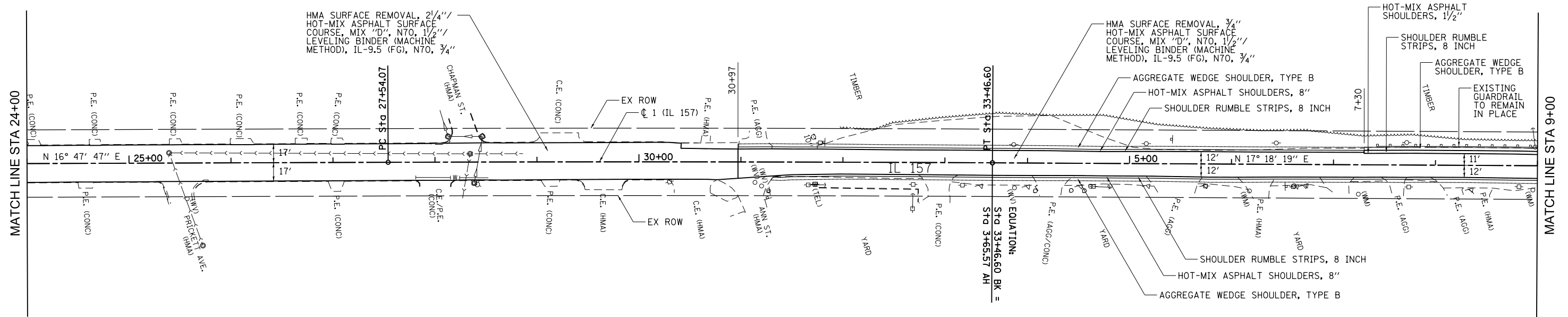
SCALE: 1"=50'      SHEET NO. 1 OF 28 SHEETS      STA. 15+80.00 TO STA. 24+00.00

FAS RTE.	FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
770	8890	(65,66)RS-5	MADISON	76	32
					CONTRACT NO. 76E86
ILLINOIS RESURFACING					

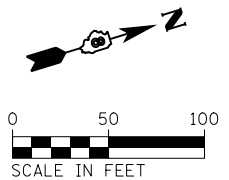


**NOTES:**

1. CONTRACTOR TO FIELD VERIFY LOCATION OF ALL EXISTING GUARDRAIL PRIOR TO CONSTRUCTION. IF DIFFERING FIELD CONDITIONS ARE FOUND CONTRACTOR TO CONTACT RESIDENT ENGINEER IMMEDIATELY FOR FURTHER INSTRUCTION.
2. SEE TYPICAL SECTIONS AND ROADWAY DETAIL FOR HMA SURFACE REMOVAL (3"-5 1/2") AND PROPOSED HMA BINDER COURSE, IL-19.0, N70 (3"-5 1/2") STATIONING AND CONSTRUCTION.



EXIST. CURVE PT3  
 PI STA. = 30+50.34  
 $\Delta$  = 0° 30' 32" (RT)  
 D = 0° 05' 09"  
 R = 66,700.38'  
 T = 296.26'  
 L = 592.52'  
 E = 0.66'  
 $e$  = -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 27+54.07  
 P.T. STA. = 33+46.60



FILE NAME = D876E86-sh1-plan-02.dgn  
**CH2MHILL**

USER NAME = jhoffm05	DESIGNED - DP	REVISED -
PLOT SCALE = 100.0010' / 1" =	DRAWN - JH	REVISED -
PLOT DATE = 6/23/2015	CHECKED - TN	REVISED -
	DATE - 6/26/2015	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

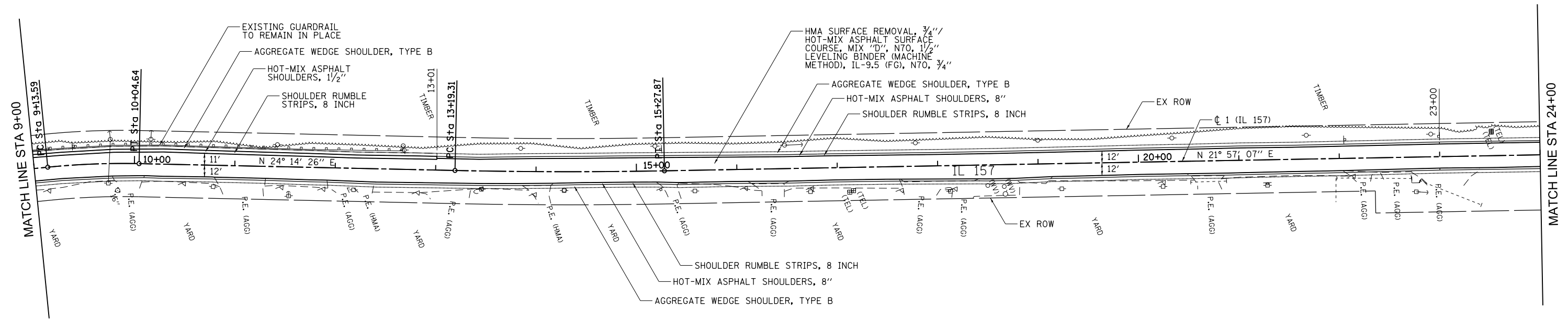
**ROADWAY PLAN  
 IL 157**

SCALE: 1"=50' SHEET NO. 2 OF 28 SHEETS STA. 24+00.00 TO STA. 9+00.00

FAS RTE.	FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
770	8890	(65,66)RS-5	MADISON	76	33
CONTRACT NO. 76E86					
ILLINOIS RESURFACING					

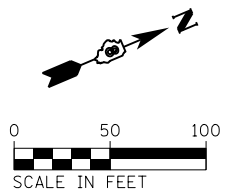
NOTES:

- CONTRACTOR TO FIELD VERIFY LOCATION OF ALL EXISTING GUARDRAIL PRIOR TO CONSTRUCTION. IF DIFFERING FIELD CONDITIONS ARE FOUND CONTRACTOR TO CONTACT RESIDENT ENGINEER IMMEDIATELY FOR FURTHER INSTRUCTION.
- SEE TYPICAL SECTIONS AND ROADWAY DETAIL FOR HMA SURFACE REMOVAL (3"-5/2") AND PROPOSED HMA BINDER COURSE, IL-19.0, N70 (3"-5/2") STATIONING AND CONSTRUCTION.



EXIST. CURVE IL157\_PR-4  
 PI STA. = 9+59.17  
 $\Delta = 6^\circ 56' 07''$  (RT)  
 $D = 7^\circ 36' 59''$   
 $R = 752.27'$   
 $T = 45.58'$   
 $L = 91.06'$   
 $E = 1.38'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. \text{ RUN} = \text{-----}$   
 P.C. STA. = 9+13.59  
 P.T. STA. = 10+04.64

EXIST. CURVE IL157\_PR-5  
 PI STA. = 14+23.60  
 $\Delta = 2^\circ 17' 19''$  (LT)  
 $D = 1^\circ 05' 50''$   
 $R = 5,221.54'$   
 $T = 104.29'$   
 $L = 208.56'$   
 $E = 1.04'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. \text{ RUN} = \text{-----}$   
 P.C. STA. = 13+19.31  
 P.T. STA. = 15+27.87



FILE NAME =  
 D876E86-shr-plan-03.dgn  
**CH2MHILL**

USER NAME = jhoffma5  
 DESIGNED - DP  
 DRAWN - JH  
 CHECKED - TN  
 DATE - 6/26/2015

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

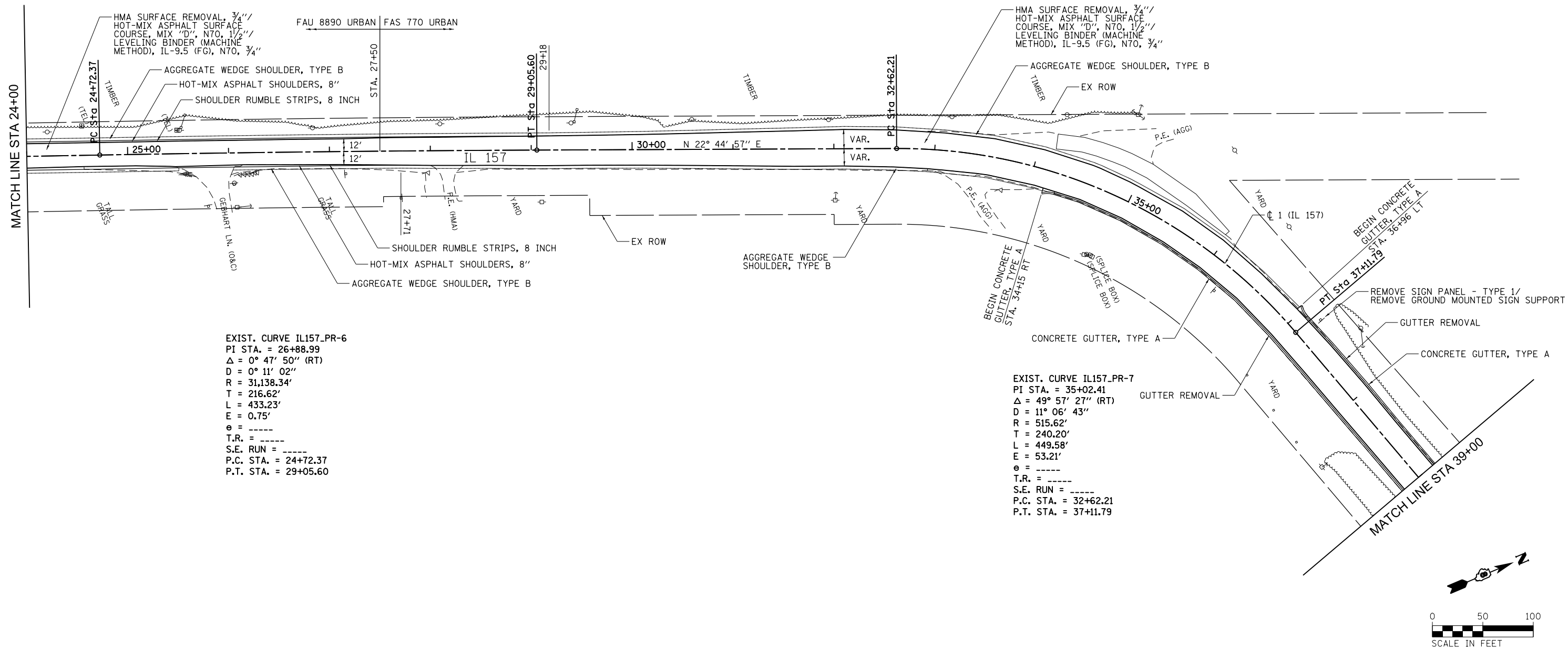
**ROADWAY PLAN  
 IL 157**

SCALE: 1"=50' SHEET NO. 3 OF 28 SHEETS STA. 9+00.00 TO STA. 24+00.00

FAS RTE.	FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
770	8890	(65,66)RS-5	MADISON	76	34
					CONTRACT NO. 76E86
ILLINOIS RESURFACING					

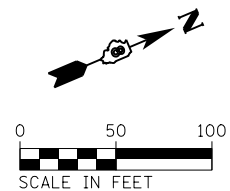
**NOTES:**

- CONTRACTOR TO FIELD VERIFY LOCATION OF ALL EXISTING GUARDRAIL PRIOR TO CONSTRUCTION. IF DIFFERING FIELD CONDITIONS ARE FOUND CONTRACTOR TO CONTACT RESIDENT ENGINEER IMMEDIATELY FOR FURTHER INSTRUCTION.
- SEE TYPICAL SECTIONS AND ROADWAY DETAIL FOR HMA SURFACE REMOVAL (3"-5 1/2") AND PROPOSED HMA BINDER COURSE, IL-19.0, N70 (3"-5 1/2") STATIONING AND CONSTRUCTION.



EXIST. CURVE IL157-PR-6  
 PI STA. = 26+88.99  
 $\Delta = 0^\circ 47' 50''$  (RT)  
 $D = 0^\circ 11' 02''$   
 $R = 31,138.34'$   
 $T = 216.62'$   
 $L = 433.23'$   
 $E = 0.75'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. \text{ RUN} = \text{-----}$   
 $P.C. \text{ STA.} = 24+72.37$   
 $P.T. \text{ STA.} = 29+05.60$

EXIST. CURVE IL157-PR-7  
 PI STA. = 35+02.41  
 $\Delta = 49^\circ 57' 27''$  (RT)  
 $D = 11^\circ 06' 43''$   
 $R = 515.62'$   
 $T = 240.20'$   
 $L = 449.58'$   
 $E = 53.21'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. \text{ RUN} = \text{-----}$   
 $P.C. \text{ STA.} = 32+62.21$   
 $P.T. \text{ STA.} = 37+11.79$



FILE NAME =  
 D876E86-sh1-plan-04.dgn  
**CH2MHILL**

USER NAME = jhoffma5  
 DESIGNED - DP  
 DRAWN - JH  
 CHECKED - TN  
 DATE - 6/26/2015

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

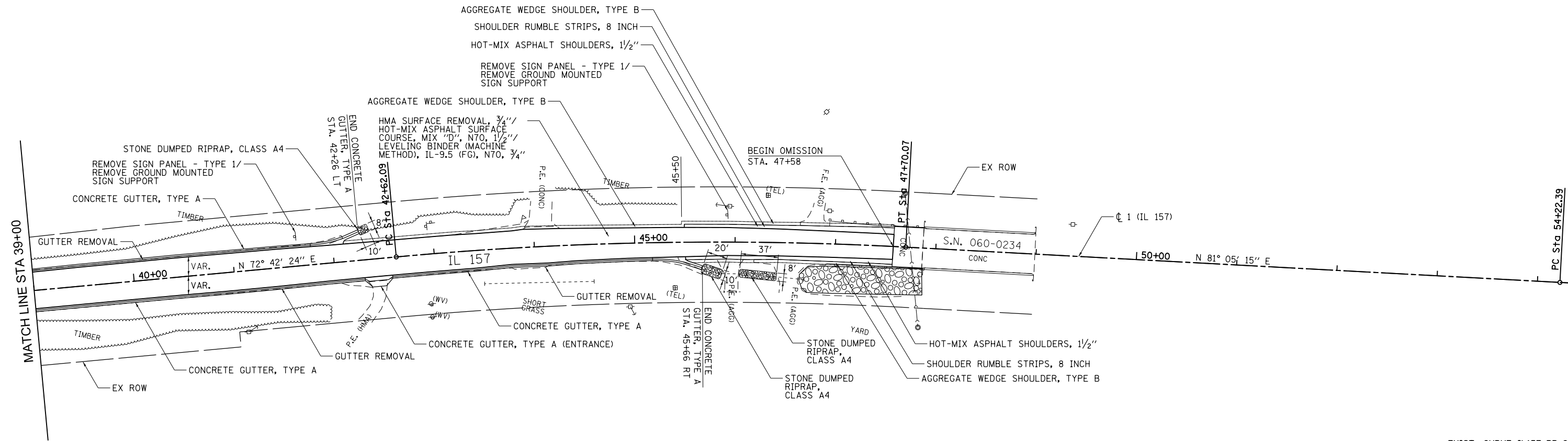
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN**  
**IL 157**  
 SCALE: 1"=50'  
 SHEET NO. 4 OF 28 SHEETS  
 STA. 24+00.00 TO STA. 39+00.00

FAS RTE.	FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
770	8890	(65,66)RS-5	MADISON	76	35
					<b>CONTRACT NO. 76E86</b>
ILLINOIS RESURFACING					

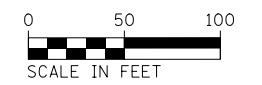
**NOTES:**

1. CONTRACTOR TO FIELD VERIFY LOCATION OF ALL EXISTING GUARDRAIL PRIOR TO CONSTRUCTION. IF DIFFERING FIELD CONDITIONS ARE FOUND CONTRACTOR TO CONTACT RESIDENT ENGINEER IMMEDIATELY FOR FURTHER INSTRUCTION.
2. SEE TYPICAL SECTIONS AND ROADWAY DETAIL FOR HMA SURFACE REMOVAL (3"-5 1/2") AND PROPOSED HMA BINDER COURSE, IL-19.0, N70 (3"-5 1/2") STATIONING AND CONSTRUCTION.



EXIST. CURVE IL157-PR-8  
 PI STA. = 45+16.53  
 $\Delta = 8^\circ 22' 52''$  (RT)  
 $D = 1^\circ 39' 00''$   
 $R = 3,472.69'$   
 $T = 254.44'$   
 $L = 507.97'$   
 $E = 9.31'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. RUN = \text{-----}$   
 $P.C. STA. = 42+62.09$   
 $P.T. STA. = 47+70.07$

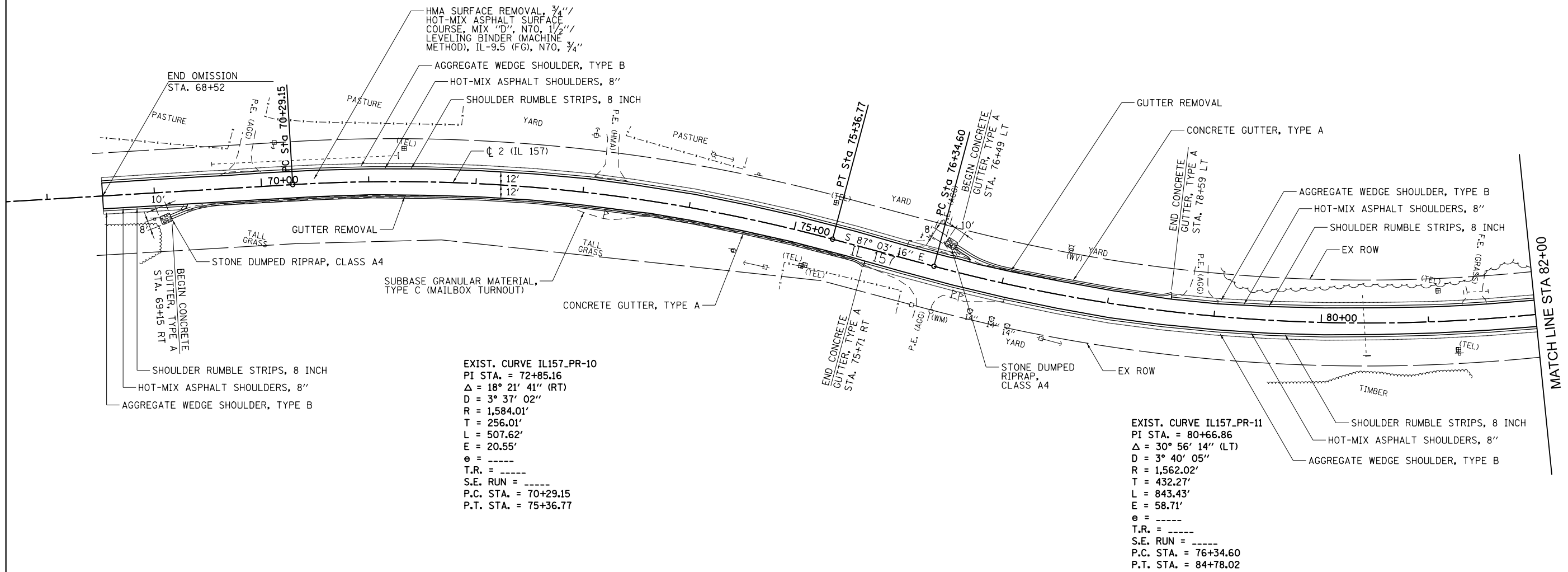
EXIST. CURVE IL157-PR-9  
 PI STA. = 55+39.77  
 $\Delta = 6^\circ 30' 13''$  (LT)  
 $D = 2^\circ 46' 24''$   
 $R = 2,066.01'$   
 $T = 117.38'$   
 $L = 234.51'$   
 $E = 3.33'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. RUN = \text{-----}$   
 $P.C. STA. = 54+22.39$   
 $P.T. STA. = 56+56.90$



FILE NAME = D876E86-sht-plan-05.dgn <b>CH2MHILL</b>	USER NAME = jhoffma5	DESIGNED - DP	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ROADWAY PLAN IL 157</b>		FAS RTE.	FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0010' / in.	CHECKED - TN	REVISED -		SCALE: 1"=50'	SHEET NO. 5 OF 28 SHEETS	STA. 39+00.00 TO STA. 47+58.00	770	8890	(65,66)RS-5	MADISON	76
PLOT DATE = 6/23/2015	DATE - 6/26/2015	REVISED -					CONTRACT NO. 76E86					
ILLINOIS RESURFACING												

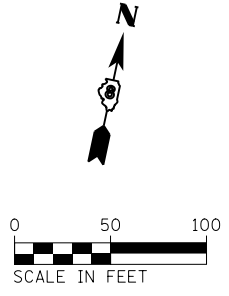
**NOTES:**

- CONTRACTOR TO FIELD VERIFY LOCATION OF ALL EXISTING GUARDRAIL PRIOR TO CONSTRUCTION. IF DIFFERING FIELD CONDITIONS ARE FOUND CONTRACTOR TO CONTACT RESIDENT ENGINEER IMMEDIATELY FOR FURTHER INSTRUCTION.
- SEE TYPICAL SECTIONS AND ROADWAY DETAIL FOR HMA SURFACE REMOVAL (3"-5 1/2") AND PROPOSED HMA BINDER COURSE, IL-19.0, N70 (3"-5 1/2") STATIONING AND CONSTRUCTION.



EXIST. CURVE IL157\_PR-10  
 PI STA. = 72+85.16  
 $\Delta = 18^\circ 21' 41''$  (RT)  
 $D = 3^\circ 37' 02''$   
 $R = 1,584.01'$   
 $T = 256.01'$   
 $L = 507.62'$   
 $E = 20.55'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. \text{ RUN} = \text{-----}$   
 $P.C. \text{ STA.} = 70+29.15$   
 $P.T. \text{ STA.} = 75+36.77$

EXIST. CURVE IL157\_PR-11  
 PI STA. = 80+66.86  
 $\Delta = 30^\circ 56' 14''$  (LT)  
 $D = 3^\circ 40' 05''$   
 $R = 1,562.02'$   
 $T = 432.27'$   
 $L = 843.43'$   
 $E = 58.71'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. \text{ RUN} = \text{-----}$   
 $P.C. \text{ STA.} = 76+34.60$   
 $P.T. \text{ STA.} = 84+78.02$



FILE NAME = D876E86-sh1-plan-06.dgn  
**CH2MHILL**

USER NAME = jhoffm05	DESIGNED - DP	REVISED -
DRAWN - JH	REVISED -	
CHECKED - TN	REVISED -	
DATE - 6/26/2015	REVISED -	

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

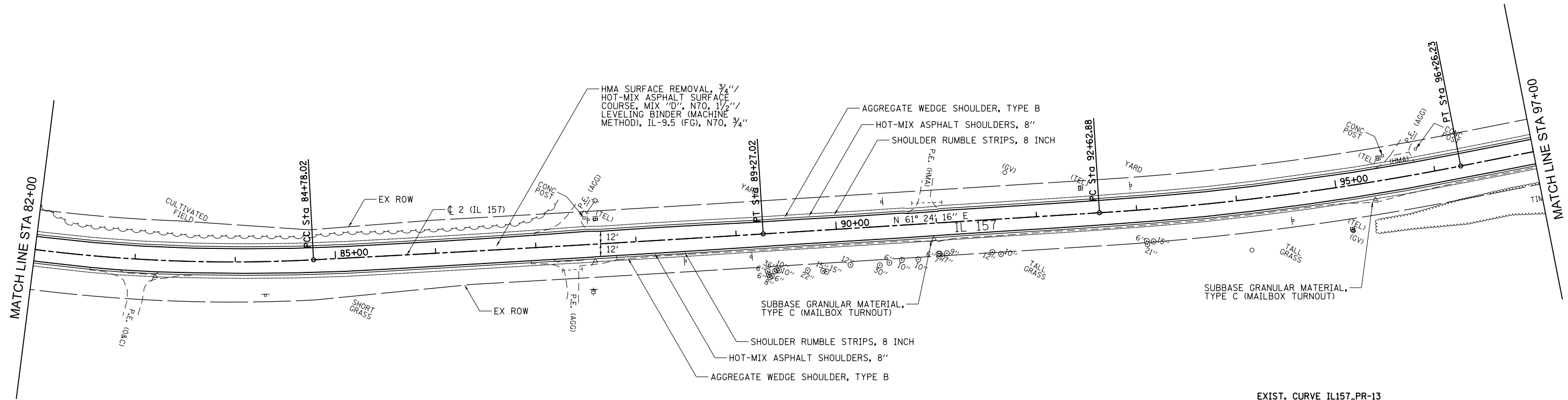
**ROADWAY PLAN  
 IL 157**

SCALE: 1"=50'      SHEET NO. 6 OF 28 SHEETS      STA. 68+52.00 TO STA. 82+00.00

FAS RTE. 770	FAU RTE. 8890	SECTION (65,66)RS-5	COUNTY MADISON	TOTAL SHEETS 76	SHEET NO. 37
CONTRACT NO. 76E86					
ILLINOIS RESURFACING					

**NOTES:**

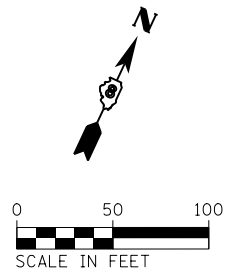
- CONTRACTOR TO FIELD VERIFY LOCATION OF ALL EXISTING GUARDRAIL PRIOR TO CONSTRUCTION. IF DIFFERING FIELD CONDITIONS ARE FOUND CONTRACTOR TO CONTACT RESIDENT ENGINEER IMMEDIATELY FOR FURTHER INSTRUCTION.
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EXIST. CURVE IL157\_PR-11  
 PI STA. = 80+66.86  
 $\Delta = 30^\circ 56' 14''$  (LT)  
 $D = 3^\circ 40' 05''$   
 $R = 1,562.02'$   
 $T = 432.27'$   
 $L = 843.43'$   
 $E = 58.71'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. \text{ RUN} = \text{-----}$   
 $P.C. \text{ STA.} = 76+34.60$   
 $P.T. \text{ STA.} = 84+78.02$

EXIST. CURVE IL157\_PR-12  
 PI STA. = 87+02.52  
 $\Delta = 0^\circ 36' 13''$  (LT)  
 $D = 0^\circ 08' 04''$   
 $R = 42,620.07'$   
 $T = 224.50'$   
 $L = 449.00'$   
 $E = 0.59'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. \text{ RUN} = \text{-----}$   
 $P.C. \text{ STA.} = 84+78.02$   
 $P.T. \text{ STA.} = 89+27.02$

EXIST. CURVE IL157\_PR-13  
 PI STA. = 94+44.82  
 $\Delta = 7^\circ 33' 19''$  (LT)  
 $D = 2^\circ 04' 46''$   
 $R = 2,755.50'$   
 $T = 181.94'$   
 $L = 363.36'$   
 $E = 6.00'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. \text{ RUN} = \text{-----}$   
 $P.C. \text{ STA.} = 92+62.88$   
 $P.T. \text{ STA.} = 96+26.23$



FILE NAME =  
 D876E86-shr-plan-07.dgn  
**CH2MHILL**

USER NAME = jhoffma5  
 DESIGNED - DP  
 DRAWN - JH  
 CHECKED - TN  
 PLOT SCALE = 100.0010' / in.  
 PLOT DATE = 6/23/2015

DESIGNED - DP  
 DRAWN - JH  
 CHECKED - TN  
 DATE - 6/26/2015

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

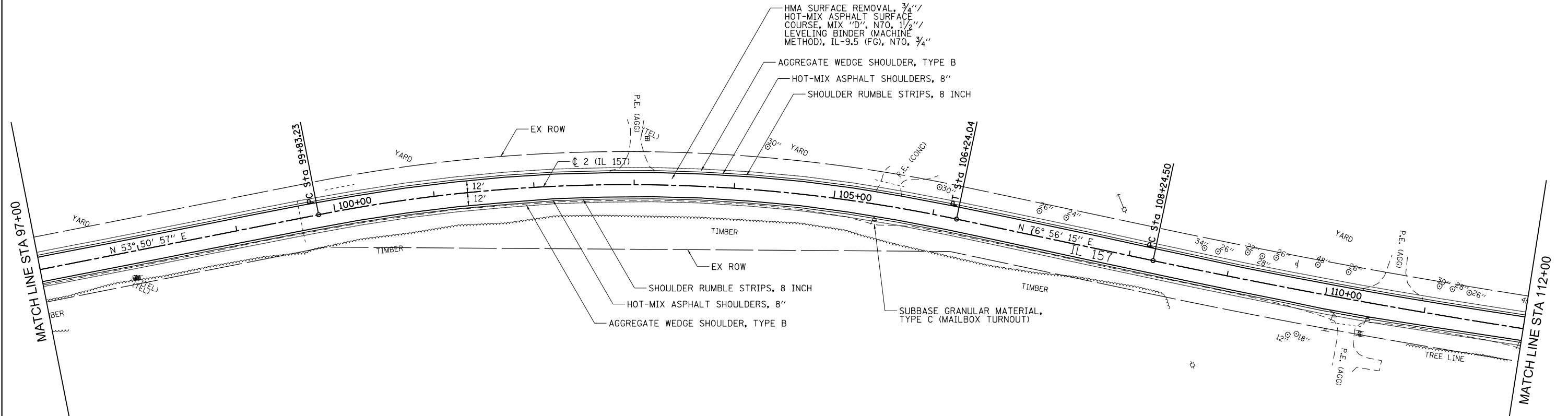
**ROADWAY PLAN  
 IL 157**

SCALE: 1"=50'      SHEET NO. 7 OF 28 SHEETS      STA. 82+00.00 TO STA. 97+00.00

FAS RTE.	FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
770	8890	(65,66)RS-5	MADISON	76	38
CONTRACT NO. 76E86					
ILLINOIS RESURFACING					

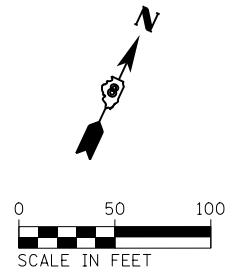
**NOTES:**

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EXIST. CURVE IL157-PR-14  
 PI STA. = 103+08.04  
 $\Delta = 23^\circ 05' 18''$  (RT)  
 $D = 3^\circ 36' 11''$   
 $R = 1,590.25'$   
 $T = 324.82'$   
 $L = 640.82'$   
 $E = 32.83'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. RUN = \text{-----}$   
 P.C. STA. = 99+83.23  
 P.T. STA. = 106+24.04

EXIST. CURVE IL157-PR-15  
 PI STA. = 111+77.27  
 $\Delta = 5^\circ 41' 56''$  (LT)  
 $D = 0^\circ 48' 30''$   
 $R = 7,087.53'$   
 $T = 352.77'$   
 $L = 704.96'$   
 $E = 8.77'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. RUN = \text{-----}$   
 P.C. STA. = 108+24.50  
 P.T. STA. = 115+29.46



FILE NAME =  
 D876E86-sh1-plan-08.dgn  
**CH2MHILL**

USER NAME = jhoffm05	DESIGNED - DP	REVISED -
PLOT SCALE = 100.0010' / 1in.	DRAWN - JH	REVISED -
PLOT DATE = 6/23/2015	CHECKED - TN	REVISED -
	DATE - 6/26/2015	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

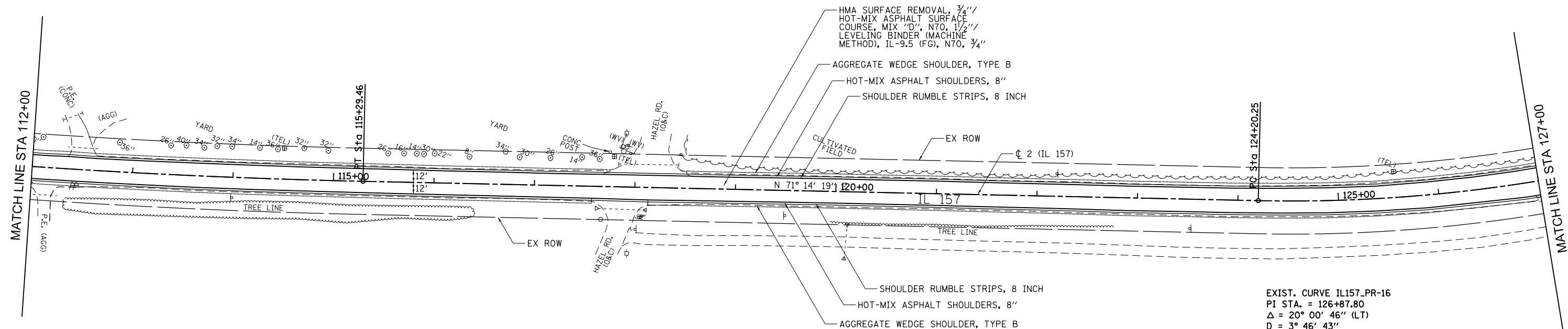
**ROADWAY PLAN  
 IL 157**

SCALE: 1"=50'      SHEET NO. 8 OF 28 SHEETS      STA. 97+00.00 TO STA. 112+00.00

FAS RTE.	FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
770	8890	(65,66)RS-5	MADISON	76	39
CONTRACT NO. 76E86					
ILLINOIS RESURFACING					

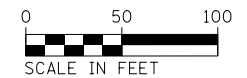
**NOTES:**

1. CONTRACTOR TO FIELD VERIFY LOCATION OF ALL EXISTING GUARDRAIL PRIOR TO CONSTRUCTION. IF DIFFERING FIELD CONDITIONS ARE FOUND CONTRACTOR TO CONTACT RESIDENT ENGINEER IMMEDIATELY FOR FURTHER INSTRUCTION.
2. SEE TYPICAL SECTIONS AND ROADWAY DETAIL FOR HMA SURFACE REMOVAL (3"-5 1/2") AND PROPOSED HMA BINDER COURSE, IL-19.0, N70 (3"-5 1/2") STATIONING AND CONSTRUCTION.



EXIST. CURVE IL157\_PR-15  
 PI STA. = 111+77.27  
 $\Delta$  = 5° 41' 56" (LT)  
 D = 0° 48' 30"  
 R = 7,087.53'  
 T = 352.77'  
 L = 704.96'  
 E = 8.77'  
 e = -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 108+24.50  
 P.T. STA. = 115+29.46

EXIST. CURVE IL157\_PR-16  
 PI STA. = 126+87.80  
 $\Delta$  = 20° 00' 46" (LT)  
 D = 3° 46' 43"  
 R = 1,516.36'  
 T = 267.55'  
 L = 529.65'  
 E = 23.42'  
 e = -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 124+20.25  
 P.T. STA. = 129+49.90



FILE NAME =  
 D876E86-sht-plan-09.dgn  
**CH2MHILL**

USER NAME = jhoffma5	DESIGNED - DP	REVISED -
PLOT SCALE = 100.0010' / in.	DRAWN - JH	REVISED -
PLOT DATE = 6/23/2015	CHECKED - TN	REVISED -
	DATE - 6/26/2015	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN  
 IL 157**

SCALE: 1"=50'      SHEET NO. 9 OF 28 SHEETS      STA. 112+00.00 TO STA. 127+00.00

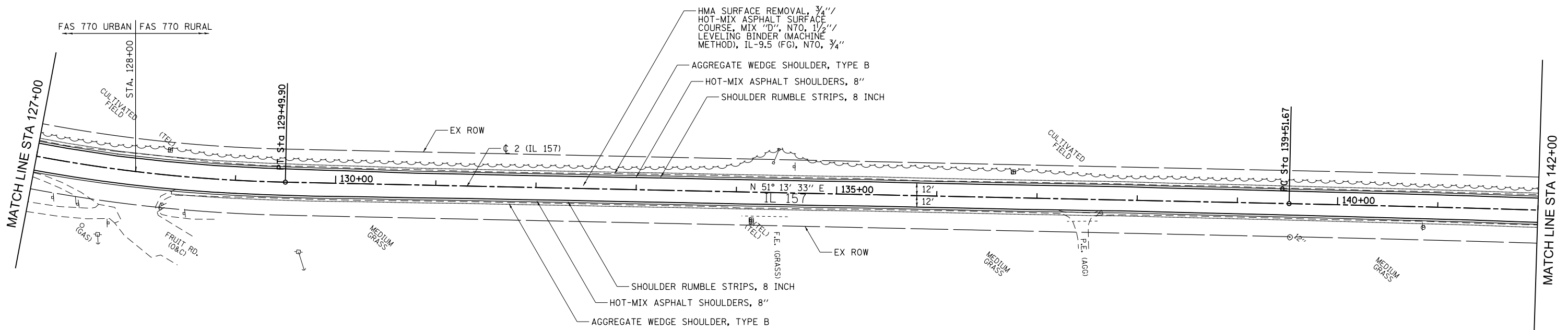
FAS RTE.	FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
770	8890	(65,66)RS-5	MADISON	76	40
CONTRACT NO. 76E86					

ILLINOIS RESURFACING



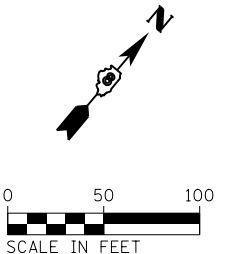
**NOTES:**

1. CONTRACTOR TO FIELD VERIFY LOCATION OF ALL EXISTING GUARDRAIL PRIOR TO CONSTRUCTION. IF DIFFERING FIELD CONDITIONS ARE FOUND CONTRACTOR TO CONTACT RESIDENT ENGINEER IMMEDIATELY FOR FURTHER INSTRUCTION.
2. SEE TYPICAL SECTIONS AND ROADWAY DETAIL FOR HMA SURFACE REMOVAL (3"-5 1/2") AND PROPOSED HMA BINDER COURSE, IL-19.0, N70 (3"-5 1/2") STATIONING AND CONSTRUCTION.



EXIST. CURVE IL157\_PR-16  
 PI STA. = 126+87.80  
 $\Delta$  = 20° 00' 46" (LT)  
 D = 3° 46' 43"  
 R = 1,516.36'  
 T = 267.55'  
 L = 529.65'  
 E = 23.42'  
 e = -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 124+20.25  
 P.T. STA. = 129+49.90

EXIST. CURVE IL157\_PR-17  
 PI STA. = 141+16.45  
 $\Delta$  = 0° 42' 39" (RT)  
 D = 0° 12' 56"  
 R = 26,566.47'  
 T = 164.77'  
 L = 329.54'  
 E = 0.51'  
 e = -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 139+51.67  
 P.T. STA. = 142+81.22



FILE NAME = D876E86-shr-plan-10.dgn  
**CH2MHILL**

USER NAME = jhoffma5  
 DESIGNED - DP  
 DRAWN - JH  
 CHECKED - TN  
 DATE - 6/26/2015

REVISED -  
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 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN  
 IL 157**

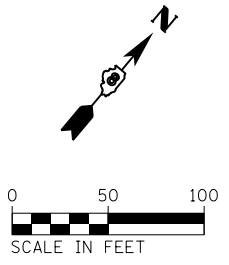
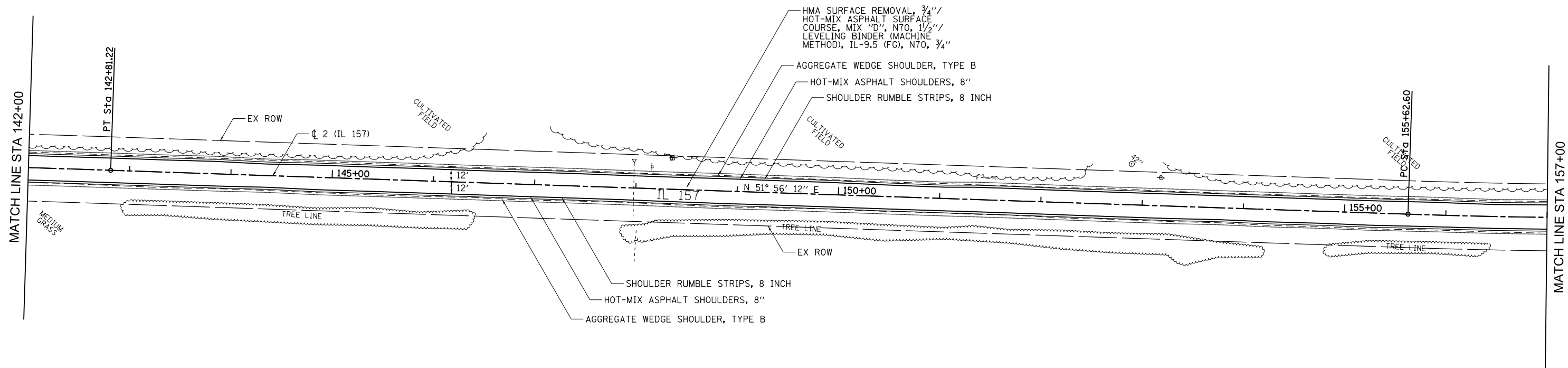
SCALE: 1"=50' SHEET NO. 10 OF 28 SHEETS STA. 127+00.00 TO STA. 142+00.00

FAS RTE.	FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
770	8890	(65,66)RS-5	MADISON	76	41
CONTRACT NO. 76E86					

ILLINOIS RESURFACING

**NOTES:**

- CONTRACTOR TO FIELD VERIFY LOCATION OF ALL EXISTING GUARDRAIL PRIOR TO CONSTRUCTION. IF DIFFERING FIELD CONDITIONS ARE FOUND CONTRACTOR TO CONTACT RESIDENT ENGINEER IMMEDIATELY FOR FURTHER INSTRUCTION.
- SEE TYPICAL SECTIONS AND ROADWAY DETAIL FOR HMA SURFACE REMOVAL (3"-5 1/2") AND PROPOSED HMA BINDER COURSE, IL-19.0, N70 (3"-5 1/2") STATIONING AND CONSTRUCTION.



FILE NAME = D876E86-sh1-plan-11.dgn  
**CH2MHILL**

USER NAME = jhoffma5	DESIGNED - DP	REVISED -
PLOT SCALE = 100.0010' / in.	DRAWN - JH	REVISED -
PLOT DATE = 6/23/2015	CHECKED - TN	REVISED -
	DATE - 6/26/2015	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

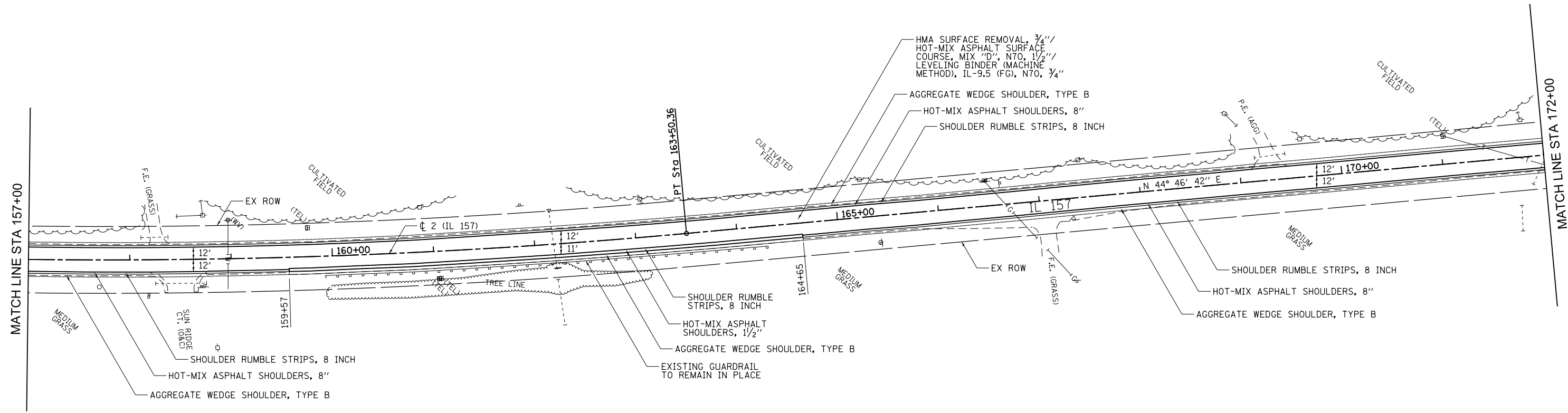
**ROADWAY PLAN  
IL 157**

SCALE: 1"=50'      SHEET NO. 11 OF 28 SHEETS      STA. 142+00.00 TO STA. 157+00.00

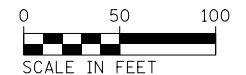
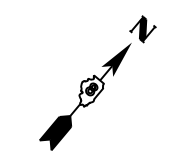
FAS RTE.	FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
770	8890	(65,66)RS-5	MADISON	76	42
CONTRACT NO. 76E86					
ILLINOIS RESURFACING					

**NOTES:**

1. CONTRACTOR TO FIELD VERIFY LOCATION OF ALL EXISTING GUARDRAIL PRIOR TO CONSTRUCTION. IF DIFFERING FIELD CONDITIONS ARE FOUND CONTRACTOR TO CONTACT RESIDENT ENGINEER IMMEDIATELY FOR FURTHER INSTRUCTION.
2. SEE TYPICAL SECTIONS AND ROADWAY DETAIL FOR HMA SURFACE REMOVAL (3"-5 1/2") AND PROPOSED HMA BINDER COURSE, IL-19.0, N70 (3"-5 1/2") STATIONING AND CONSTRUCTION.



EXIST. CURVE IL157\_PR-18  
 PI STA. = 159+57.00  
 Δ = 7° 09' 30" (LT)  
 D = 0° 54' 31"  
 R = 6,305.24'  
 T = 394.39'  
 L = 787.76'  
 E = 12.32'  
 e = -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 155+62.60  
 P.T. STA. = 163+50.36



FILE NAME = D876E86-sht-plan-12.dgn  
**CH2MHILL**

USER NAME = jhoffma5	DESIGNED - DP	REVISED -
PLOT SCALE = 100.0000' / 1" =	DRAWN - JH	REVISED -
PLOT DATE = 6/23/2015	CHECKED - TN	REVISED -
	DATE - 6/26/2015	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

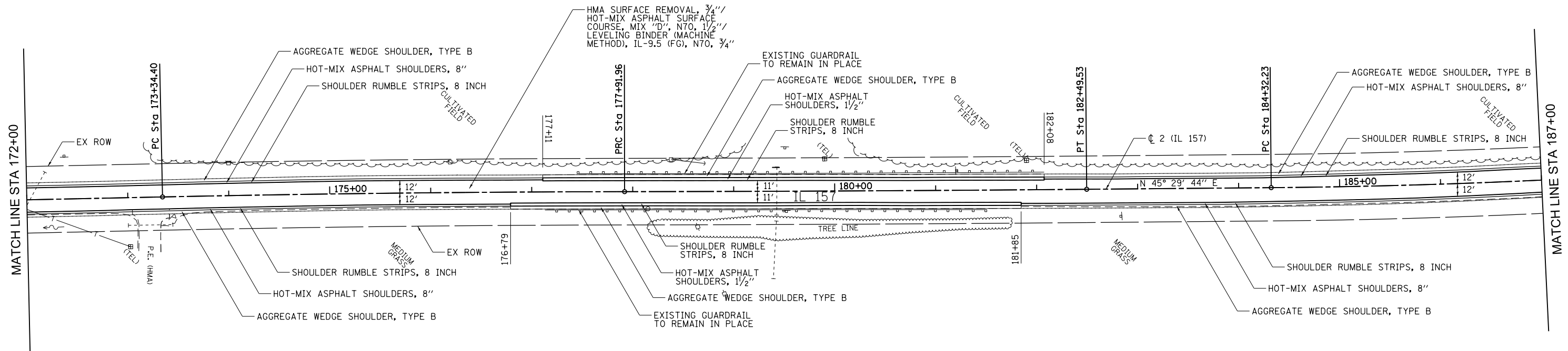
**ROADWAY PLAN  
 IL 157**

SCALE: 1"=50' SHEET NO. 12 OF 28 SHEETS STA. 157+00.00 TO STA. 172+00.00

FAS RTE.	FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
770	8890	(65,66)RS-5	MADISON	76	43
					CONTRACT NO. 76E86
ILLINOIS RESURFACING					

**NOTES:**

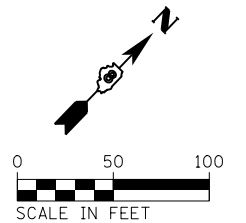
- CONTRACTOR TO FIELD VERIFY LOCATION OF ALL EXISTING GUARDRAIL PRIOR TO CONSTRUCTION. IF DIFFERING FIELD CONDITIONS ARE FOUND CONTRACTOR TO CONTACT RESIDENT ENGINEER IMMEDIATELY FOR FURTHER INSTRUCTION.
- SEE TYPICAL SECTIONS AND ROADWAY DETAIL FOR HMA SURFACE REMOVAL (3"-5 1/2") AND PROPOSED HMA BINDER COURSE, IL-19.0, N70 (3"-5 1/2") STATIONING AND CONSTRUCTION.



EXIST. CURVE IL157\_PR-19  
 PI STA. = 175+63.18  
 $\Delta = 1^\circ 08' 02''$  (RT)  
 $D = 0^\circ 14' 52''$   
 $R = 23,123.32'$   
 $T = 228.79'$   
 $L = 457.56'$   
 $E = 1.13'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. RUN = \text{-----}$   
 $P.C. STA. = 173+34.40$   
 $P.T. STA. = 177+91.96$

EXIST. CURVE IL157\_PR-20  
 PI STA. = 180+20.74  
 $\Delta = 0^\circ 24' 59''$  (LT)  
 $D = 0^\circ 05' 28''$   
 $R = 62,963.05'$   
 $T = 228.79'$   
 $L = 457.57'$   
 $E = 0.42'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. RUN = \text{-----}$   
 $P.C. STA. = 177+91.96$   
 $P.T. STA. = 182+49.53$

EXIST. CURVE IL157\_PR-21  
 PI STA. = 187+54.85  
 $\Delta = 5^\circ 18' 01''$  (LT)  
 $D = 0^\circ 49' 19''$   
 $R = 6,970.26'$   
 $T = 322.62'$   
 $L = 644.79'$   
 $E = 7.46'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. RUN = \text{-----}$   
 $P.C. STA. = 184+32.23$   
 $P.T. STA. = 190+77.02$



FILE NAME =  
 D876E86-sh1-plan-13.dgn  
**CH2MHILL**

USER NAME = jhoffma5  
 DESIGNED - DP  
 DRAWN - JH  
 CHECKED - TN  
 PLOT SCALE = 100.0010' / in.  
 PLOT DATE = 6/23/2015

DESIGNED - DP  
 DRAWN - JH  
 CHECKED - TN  
 DATE - 6/26/2015

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

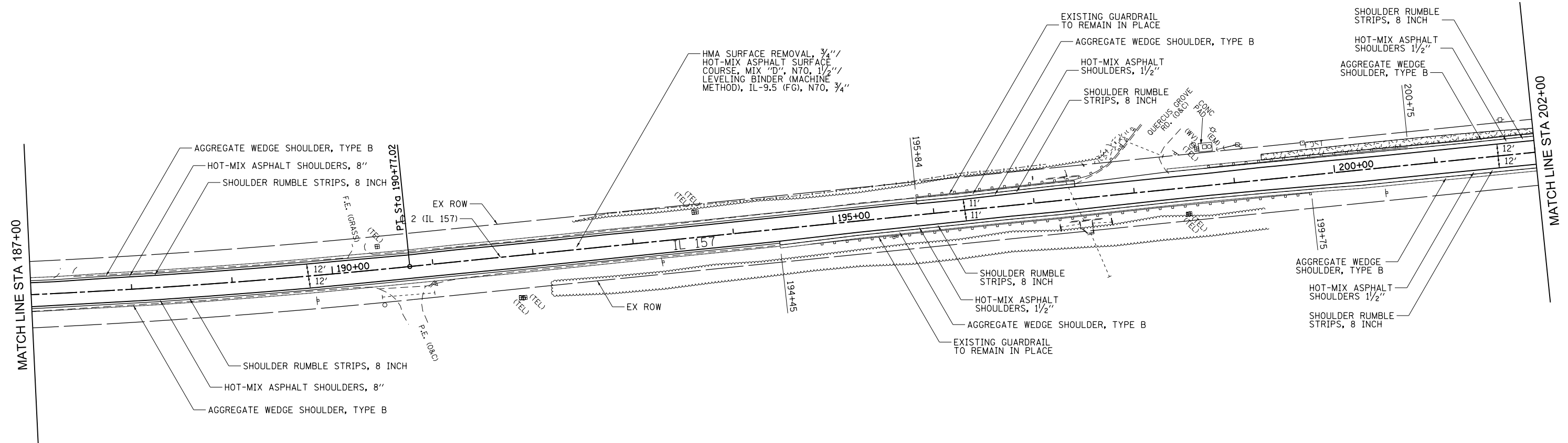
**ROADWAY PLAN  
 IL 157**

SCALE: 1"=50' SHEET NO. 13 OF 28 SHEETS STA. 172+00.00 TO STA. 187+00.00

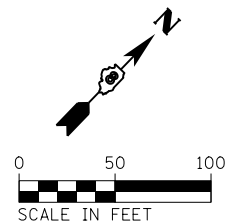
FAS RTE.	FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
770	8890	(65,66)RS-5	MADISON	76	44
CONTRACT NO. 76E86					
ILLINOIS RESURFACING					

**NOTES:**

1. CONTRACTOR TO FIELD VERIFY LOCATION OF ALL EXISTING GUARDRAIL PRIOR TO CONSTRUCTION. IF DIFFERING FIELD CONDITIONS ARE FOUND CONTRACTOR TO CONTACT RESIDENT ENGINEER IMMEDIATELY FOR FURTHER INSTRUCTION.
2. SEE TYPICAL SECTIONS AND ROADWAY DETAIL FOR HMA SURFACE REMOVAL (3"-5 1/2") AND PROPOSED HMA BINDER COURSE, IL-19.0, N70 (3"-5 1/2") STATIONING AND CONSTRUCTION.



EXIST. CURVE IL157\_PR-21  
 PI STA. = 187+54.85  
 Δ = 5° 18' 01" (LT)  
 D = 0° 49' 19"  
 R = 6,970.26'  
 T = 322.62'  
 L = 644.79'  
 E = 7.46'  
 e = -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 184+32.23  
 P.T. STA. = 190+77.02



FILE NAME =  
 D876E86-shr-plan-14.dgn  
**CH2MHILL**

USER NAME = jhoffma5  
 DESIGNED - DP  
 DRAWN - JH  
 CHECKED - TN  
 DATE - 6/26/2015

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN  
 IL 157**

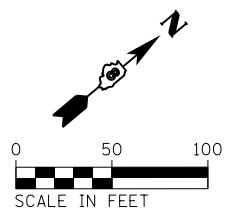
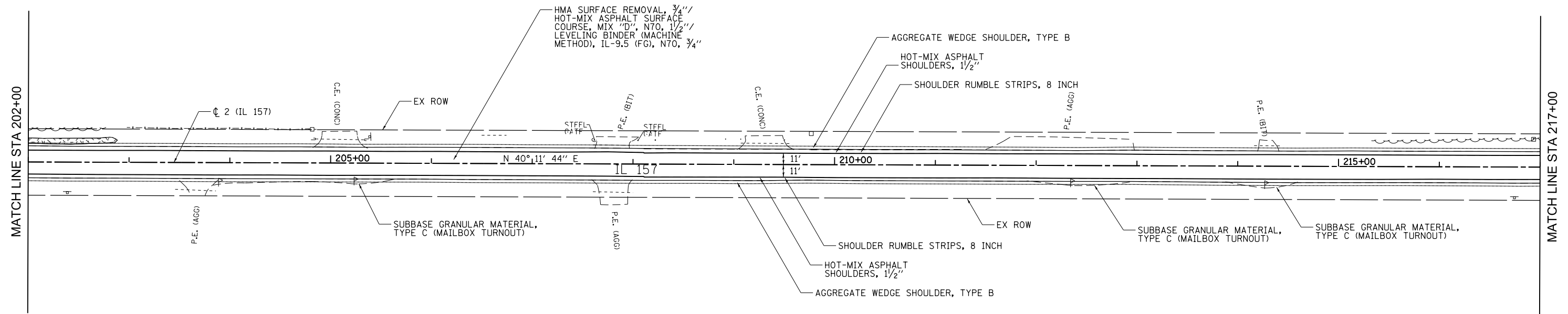
SCALE: 1"=50' SHEET NO. 14 OF 28 SHEETS STA. 187+00.00 TO STA. 202+00.00

FAS RTE.	FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
770	8890	(65,66)RS-5	MADISON	76	45
					CONTRACT NO. 76E86

ILLINOIS RESURFACING

**NOTES:**

1. CONTRACTOR TO FIELD VERIFY LOCATION OF ALL EXISTING GUARDRAIL PRIOR TO CONSTRUCTION. IF DIFFERING FIELD CONDITIONS ARE FOUND CONTRACTOR TO CONTACT RESIDENT ENGINEER IMMEDIATELY FOR FURTHER INSTRUCTION.
2. SEE TYPICAL SECTIONS AND ROADWAY DETAIL FOR HMA SURFACE REMOVAL (3"-5 1/2") AND PROPOSED HMA BINDER COURSE, IL-19.0, N70 (3"-5 1/2") STATIONING AND CONSTRUCTION.



FILE NAME = D876E86-sht-plan-15.dgn  
**CH2MHILL**

USER NAME = jhoffma5  
 DESIGNED - DP  
 DRAWN - JH  
 CHECKED - TN  
 DATE - 6/26/2015  
 PLOT SCALE = 100.0000' / in.  
 PLOT DATE = 6/23/2015

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

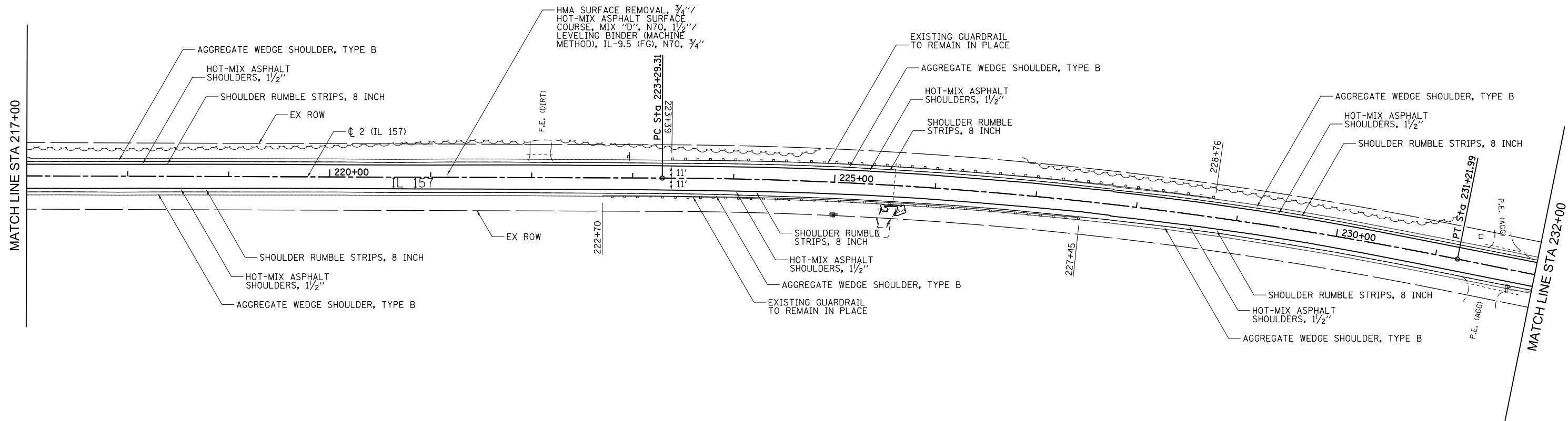
**ROADWAY PLAN  
 IL 157**

SCALE: 1"=50' SHEET NO. 15 OF 28 SHEETS STA. 202+00.00 TO STA. 217+00.00

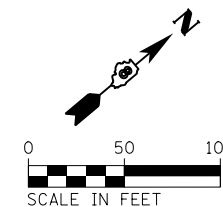
FAS RTE.	FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
770	8890	(65,66)RS-5	MADISON	76	46
					<b>CONTRACT NO. 76E86</b>
ILLINOIS RESURFACING					

**NOTES:**

1. CONTRACTOR TO FIELD VERIFY LOCATION OF ALL EXISTING GUARDRAIL PRIOR TO CONSTRUCTION. IF DIFFERING FIELD CONDITIONS ARE FOUND CONTRACTOR TO CONTACT RESIDENT ENGINEER IMMEDIATELY FOR FURTHER INSTRUCTION.
2. SEE TYPICAL SECTIONS AND ROADWAY DETAIL FOR HMA SURFACE REMOVAL (3"-5 1/2") AND PROPOSED HMA BINDER COURSE, IL-19.0, N70 (3"-5 1/2") STATIONING AND CONSTRUCTION.



EXIST. CURVE IL157-PR-22  
 PI STA. = 227+26.93  
 $\Delta = 11^\circ 15' 22''$  (RT)  
 D = 1° 25' 12"  
 R = 4,034.86'  
 T = 397.62'  
 L = 792.67'  
 E = 19.54'  
 e = ----  
 T.R. = ----  
 S.E. RUN = ----  
 P.C. STA. = 223+29.31  
 P.T. STA. = 231+21.99



FILE NAME =  
 D876E86-sh1-plan-16.dgn  
**CH2MHILL**

USER NAME = jhoffma5  
 DESIGNED - DP  
 DRAWN - JH  
 CHECKED - TN  
 DATE - 6/26/2015

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

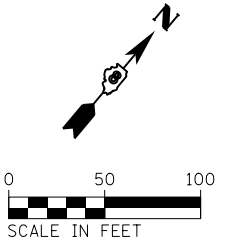
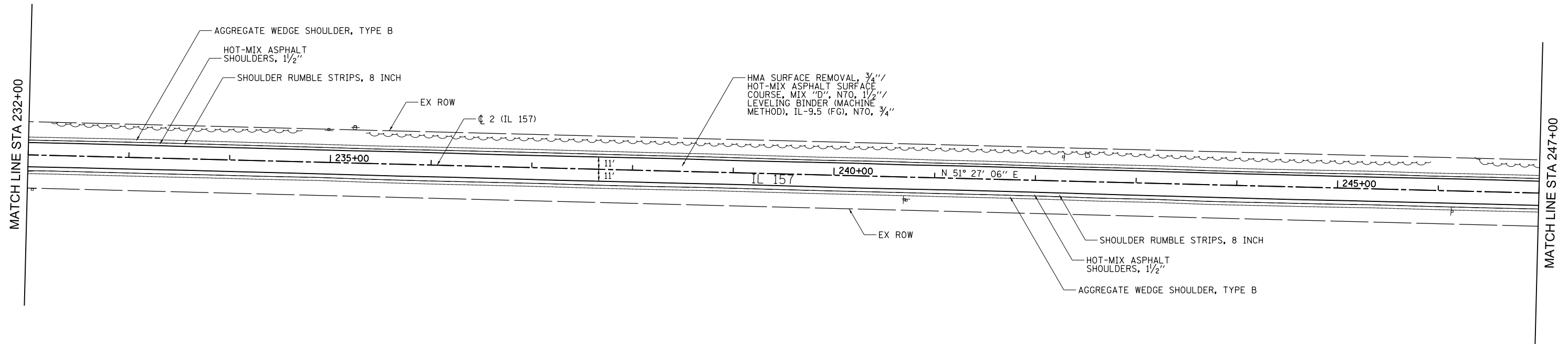
**ROADWAY PLAN  
 IL 157**

SCALE: 1"=50' SHEET NO. 16 OF 28 SHEETS STA. 217+00.00 TO STA. 232+00.00

FAS RTE.	FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
770	8890	(65,66)RS-5	MADISON	76	47
					CONTRACT NO. 76E86
ILLINOIS RESURFACING					

**NOTES:**

1. CONTRACTOR TO FIELD VERIFY LOCATION OF ALL EXISTING GUARDRAIL PRIOR TO CONSTRUCTION. IF DIFFERING FIELD CONDITIONS ARE FOUND CONTRACTOR TO CONTACT RESIDENT ENGINEER IMMEDIATELY FOR FURTHER INSTRUCTION.
2. SEE TYPICAL SECTIONS AND ROADWAY DETAIL FOR HMA SURFACE REMOVAL (3'-5 1/2") AND PROPOSED HMA BINDER COURSE, IL-19.0, N70 (3'-5 1/2") STATIONING AND CONSTRUCTION.



FILE NAME = D876E86-sht-plan-17.dgn	USER NAME = jhoffma5	DESIGNED - DP	REVISED -
<b>CH2MHILL</b>	PLOT SCALE = 100.0420' / in.	DRAWN - JH	REVISED -
	PLOT DATE = 6/23/2015	CHECKED - TN	REVISED -
		DATE - 6/26/2015	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN  
IL 157**

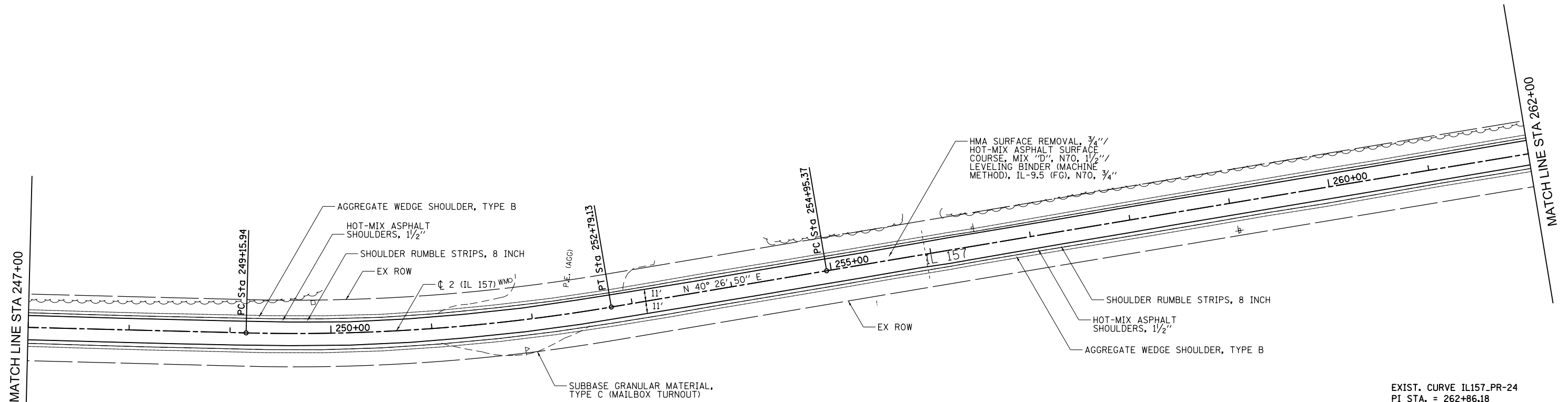
SCALE: 1"=50'      SHEET NO. 17 OF 28 SHEETS      STA. 232+00.00 TO STA. 247+00.00

FAS RTE.	FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
770	8890	(65,66)RS-5	MADISON	76	48
CONTRACT NO. 76E86					
ILLINOIS RESURFACING					



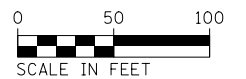
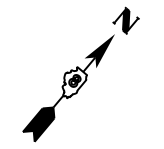
**NOTES:**

- CONTRACTOR TO FIELD VERIFY LOCATION OF ALL EXISTING GUARDRAIL PRIOR TO CONSTRUCTION. IF DIFFERING FIELD CONDITIONS ARE FOUND CONTRACTOR TO CONTACT RESIDENT ENGINEER IMMEDIATELY FOR FURTHER INSTRUCTION.
- SEE TYPICAL SECTIONS AND ROADWAY DETAIL FOR HMA SURFACE REMOVAL (3"-5 1/2") AND PROPOSED HMA BINDER COURSE, IL-19.0, N70 (3"-5 1/2") STATIONING AND CONSTRUCTION.



EXIST. CURVE IL157\_PR-23  
 PI STA. = 250+98.09  
 $\Delta = 11^\circ 00' 15''$  (LT)  
 $D = 3^\circ 01' 48''$   
 $R = 1,891.02'$   
 $T = 182.16'$   
 $L = 363.19'$   
 $E = 8.75'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. \text{ RUN} = \text{-----}$   
 $P.C. \text{ STA.} = 249+15.94$   
 $P.T. \text{ STA.} = 252+79.13$

EXIST. CURVE IL157\_PR-24  
 PI STA. = 262+86.18  
 $\Delta = 0^\circ 23' 39''$  (RT)  
 $D = 0^\circ 01' 30''$   
 $R = 229,880.59'$   
 $T = 790.81'$   
 $L = 1,581.61'$   
 $E = 1.36'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. \text{ RUN} = \text{-----}$   
 $P.C. \text{ STA.} = 254+95.37$   
 $P.T. \text{ STA.} = 270+76.98$



FILE NAME =  
 D876E86-sh1-plan-18.dgn  
**CH2MHILL**

USER NAME = jhoffma5  
 DESIGNED - DP  
 DRAWN - JH  
 CHECKED - TN  
 DATE - 6/26/2015

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

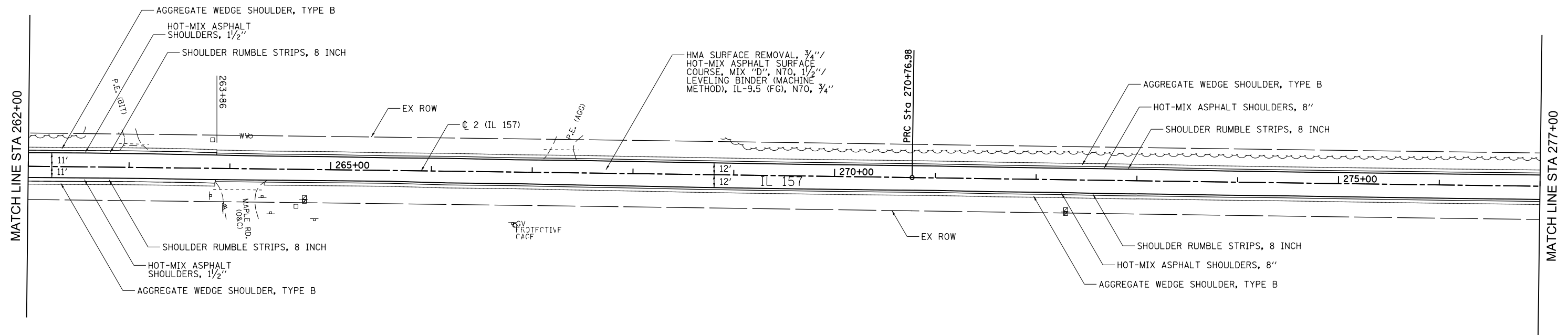
**ROADWAY PLAN  
 IL 157**

SCALE: 1"=50' SHEET NO. 18 OF 28 SHEETS STA. 247+00.00 TO STA. 262+00.00

FAS RTE.	FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
770	8890	(65,66)RS-5	MADISON	76	49
					CONTRACT NO. 76E86
ILLINOIS RESURFACING					

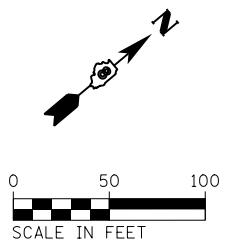
**NOTES:**

- CONTRACTOR TO FIELD VERIFY LOCATION OF ALL EXISTING GUARDRAIL PRIOR TO CONSTRUCTION. IF DIFFERING FIELD CONDITIONS ARE FOUND CONTRACTOR TO CONTACT RESIDENT ENGINEER IMMEDIATELY FOR FURTHER INSTRUCTION.
- SEE TYPICAL SECTIONS AND ROADWAY DETAIL FOR HMA SURFACE REMOVAL (3"-5 1/2") AND PROPOSED HMA BINDER COURSE, IL-19.0, N70 (3"-5 1/2") STATIONING AND CONSTRUCTION.



EXIST. CURVE IL157-PR-24  
 PI STA. = 262+86.18  
 Δ = 0° 23' 39" (RT)  
 D = 0° 01' 30"  
 R = 229,880.59'  
 T = 790.81'  
 L = 1,581.61'  
 E = 1.36'  
 e = -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 254+95.37  
 P.T. STA. = 270+76.98

EXIST. CURVE IL157-PR-25  
 PI STA. = 278+67.79  
 Δ = 0° 15' 17" (LT)  
 D = 0° 00' 58"  
 R = 355,863.90'  
 T = 790.81'  
 L = 1,581.61'  
 E = 0.88'  
 e = -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 270+76.98  
 P.T. STA. = 286+58.60



FILE NAME = D876E86-sh1-plan-19.dgn  
**CH2MHILL**

USER NAME = jhoffma5	DESIGNED - DP	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - JH	REVISED -
PLOT DATE = 6/23/2015	CHECKED - TN	REVISED -
	DATE - 6/26/2015	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

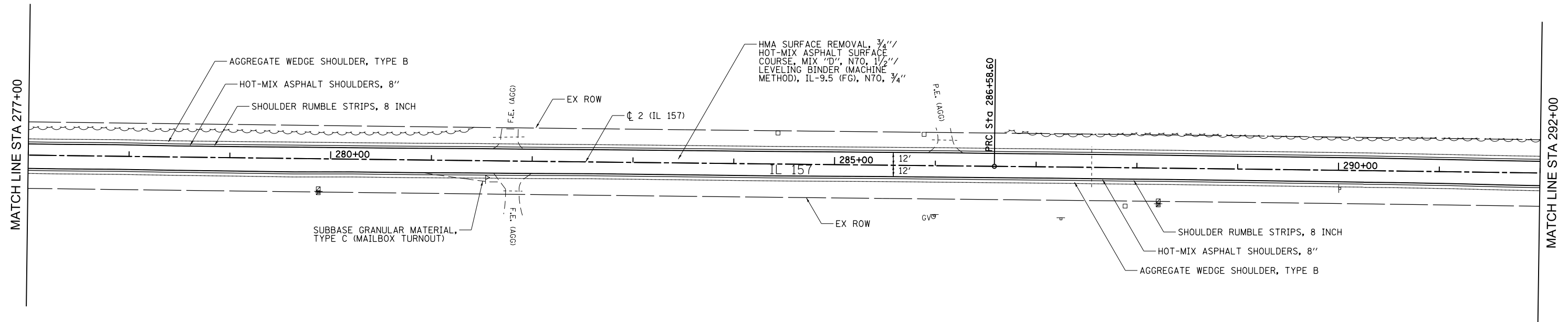
**ROADWAY PLAN  
 IL 157**

SCALE: 1"=50' SHEET NO. 19 OF 28 SHEETS STA. 262+00.00 TO STA. 277+00.00

FAS RTE.	FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
770	8890	(65,66)RS-5	MADISON	76	50
CONTRACT NO. 76E86					
ILLINOIS RESURFACING					

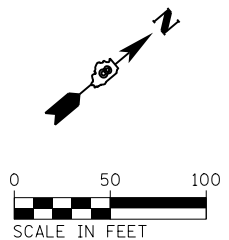
**NOTES:**

1. CONTRACTOR TO FIELD VERIFY LOCATION OF ALL EXISTING GUARDRAIL PRIOR TO CONSTRUCTION. IF DIFFERING FIELD CONDITIONS ARE FOUND CONTRACTOR TO CONTACT RESIDENT ENGINEER IMMEDIATELY FOR FURTHER INSTRUCTION.
2. SEE TYPICAL SECTIONS AND ROADWAY DETAIL FOR HMA SURFACE REMOVAL (3"-5 1/2") AND PROPOSED HMA BINDER COURSE, IL-19.0, N70 (3"-5 1/2") STATIONING AND CONSTRUCTION.



EXIST. CURVE IL157\_PR-25  
 PI STA. = 278+67.79  
 $\Delta = 0^\circ 15' 17''$  (LT)  
 $D = 0^\circ 00' 58''$   
 $R = 355,863.90'$   
 $T = 790.81'$   
 $L = 1,581.61'$   
 $E = 0.88'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. \text{ RUN} = \text{-----}$   
 $P.C. \text{ STA.} = 270+76.98$   
 $P.T. \text{ STA.} = 286+58.60$

EXIST. CURVE IL157\_PR-26  
 PI STA. = 291+92.61  
 $\Delta = 0^\circ 27' 31''$  (RT)  
 $D = 0^\circ 02' 35''$   
 $R = 133,466.39'$   
 $T = 534.01'$   
 $L = 1,068.02'$   
 $E = 1.07'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. \text{ RUN} = \text{-----}$   
 $P.C. \text{ STA.} = 286+58.60$   
 $P.T. \text{ STA.} = 297+26.62$



FILE NAME =  
 D876E86-sh1-plan-20.dgn  
**CH2MHILL**

USER NAME = jhoffma5  
 DRAWN - JH  
 CHECKED - TN  
 PLOT DATE = 6/23/2015

DESIGNED - DP  
 DRAWN - JH  
 CHECKED - TN  
 DATE - 6/26/2015

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

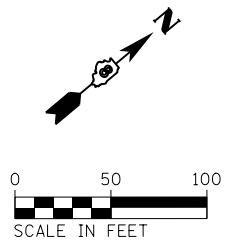
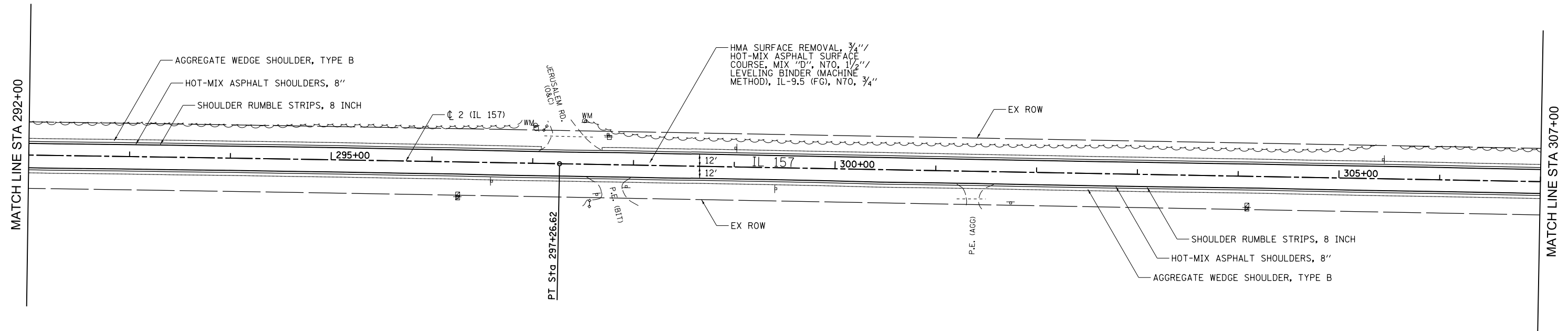
**ROADWAY PLAN  
 IL 157**

SCALE: 1"=50'      SHEET NO. 20 OF 28 SHEETS      STA. 277+00.00 TO STA. 292+00.00

FAS RTE.	FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
770	8890	(65,66)RS-5	MADISON	76	51
CONTRACT NO. 76E86					
ILLINOIS RESURFACING					

**NOTES:**

1. CONTRACTOR TO FIELD VERIFY LOCATION OF ALL EXISTING GUARDRAIL PRIOR TO CONSTRUCTION. IF DIFFERING FIELD CONDITIONS ARE FOUND CONTRACTOR TO CONTACT RESIDENT ENGINEER IMMEDIATELY FOR FURTHER INSTRUCTION.
2. SEE TYPICAL SECTIONS AND ROADWAY DETAIL FOR HMA SURFACE REMOVAL (3"-5 1/2") AND PROPOSED HMA BINDER COURSE, IL-19.0, N70 (3"-5 1/2") STATIONING AND CONSTRUCTION.



FILE NAME = D876E86-sh1-plan-21.dgn	USER NAME = jhoffma5	DESIGNED - DP	REVISED -
<b>CH2MHILL</b>	PLOT SCALE = 100.0000' / in.	DRAWN - JH	REVISED -
	PLOT DATE = 6/23/2015	CHECKED - TN	REVISED -
		DATE - 6/26/2015	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

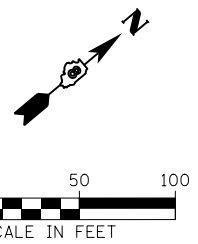
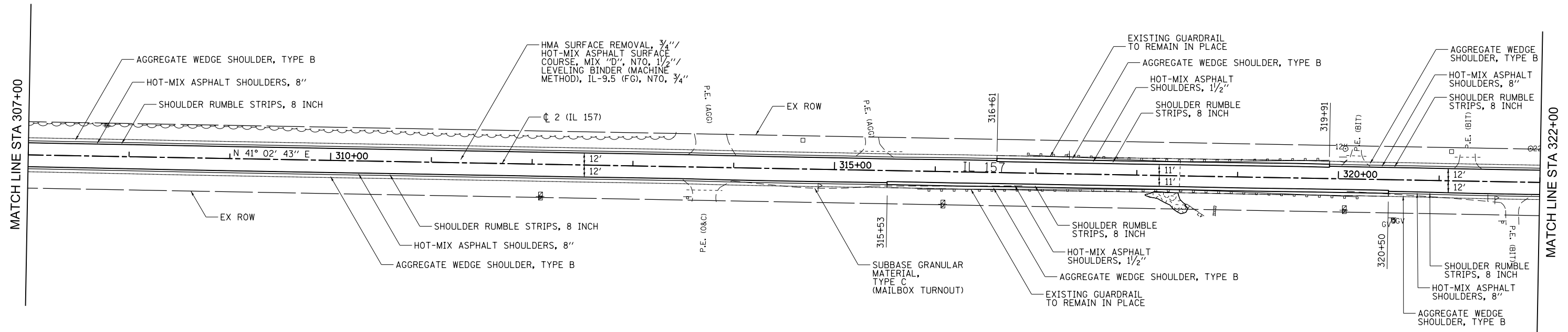
**ROADWAY PLAN  
IL 157**

SCALE: 1"=50'      SHEET NO. 21 OF 28 SHEETS      STA. 292+00.00 TO STA. 309+00.00

FAS RTE.	FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
770	8890	(65,66)RS-5	MADISON	76	52
CONTRACT NO. 76E86					
ILLINOIS RESURFACING					

**NOTES:**

1. CONTRACTOR TO FIELD VERIFY LOCATION OF ALL EXISTING GUARDRAIL PRIOR TO CONSTRUCTION. IF DIFFERING FIELD CONDITIONS ARE FOUND CONTRACTOR TO CONTACT RESIDENT ENGINEER IMMEDIATELY FOR FURTHER INSTRUCTION.
2. SEE TYPICAL SECTIONS AND ROADWAY DETAIL FOR HMA SURFACE REMOVAL (3"-5 1/2") AND PROPOSED HMA BINDER COURSE, IL-19.0, N70 (3"-5 1/2") STATIONING AND CONSTRUCTION.



FILE NAME = D876E86-sh1-plan-22.dgn  
**CH2MHILL**

USER NAME = jhoffm05	DESIGNED - DP	REVISED -
DRAWN - JH	REVISOR -	
PLOT SCALE = 100.0000' / in.	CHECKED - TN	REVISED -
PLOT DATE = 6/23/2015	DATE - 6/26/2015	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

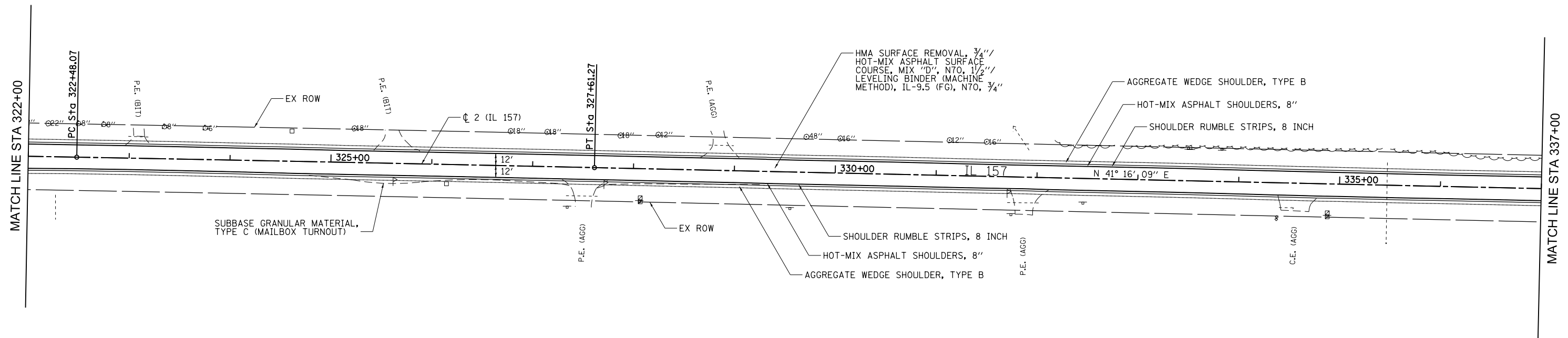
**ROADWAY PLAN  
IL 157**

SCALE: 1"=50' SHEET NO. 22 OF 28 SHEETS STA. 307+00.00 TO STA. 322+00.00

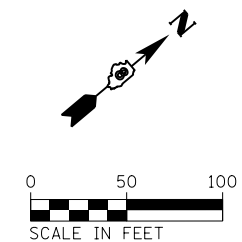
FAS RTE.	FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
770	8890	(65,66)RS-5	MADISON	76	53
					CONTRACT NO. 76E86
ILLINOIS RESURFACING					

**NOTES:**

- CONTRACTOR TO FIELD VERIFY LOCATION OF ALL EXISTING GUARDRAIL PRIOR TO CONSTRUCTION. IF DIFFERING FIELD CONDITIONS ARE FOUND CONTRACTOR TO CONTACT RESIDENT ENGINEER IMMEDIATELY FOR FURTHER INSTRUCTION.
- SEE TYPICAL SECTIONS AND ROADWAY DETAIL FOR HMA SURFACE REMOVAL (3"-5 1/2") AND PROPOSED HMA BINDER COURSE, IL-19.0, N70 (3"-5 1/2") STATIONING AND CONSTRUCTION.



EXIST. CURVE IL157\_PR-27  
 PI STA. = 325+04.67  
 $\Delta = 0^\circ 13' 26''$  (RT)  
 $D = 0^\circ 02' 37''$   
 $R = 131,366.30'$   
 $T = 256.60'$   
 $L = 513.20'$   
 $E = 0.25'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. \text{ RUN} = \text{-----}$   
 $P.C. \text{ STA.} = 322+48.07$   
 $P.T. \text{ STA.} = 327+61.27$



FILE NAME =  
 D876E86-sh1-plan-23.dgn  
**CH2MHILL**

USER NAME = jhoffma5  
 DRAWN - JH  
 CHECKED - TN  
 PLOT SCALE = 100.0000' / in.  
 PLOT DATE = 6/23/2015

DESIGNED - DP  
 DRAWN - JH  
 CHECKED - TN  
 DATE - 6/26/2015

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN  
 IL 157**

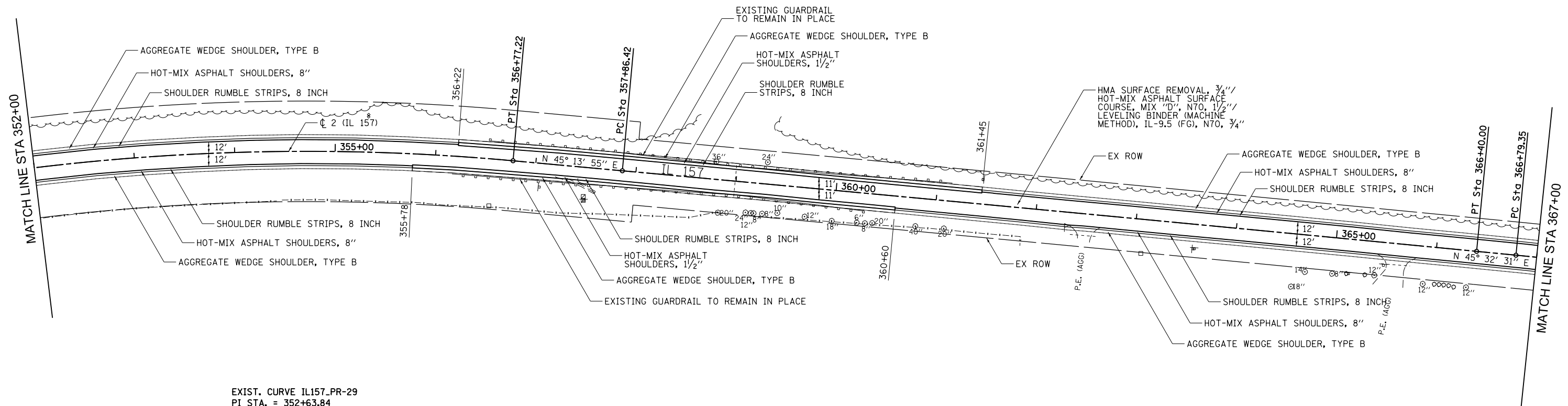
SCALE: 1"=50' SHEET NO. 23 OF 28 SHEETS STA. 322+00.00 TO STA. 337+00.00

FAS RTE.	FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
770	8890	(65,66)RS-5	MADISON	76	54
CONTRACT NO. 76E86					
ILLINOIS RESURFACING					



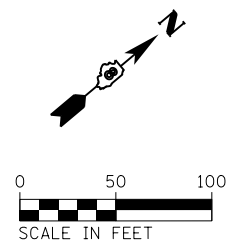
**NOTES:**

1. CONTRACTOR TO FIELD VERIFY LOCATION OF ALL EXISTING GUARDRAIL PRIOR TO CONSTRUCTION. IF DIFFERING FIELD CONDITIONS ARE FOUND CONTRACTOR TO CONTACT RESIDENT ENGINEER IMMEDIATELY FOR FURTHER INSTRUCTION.
2. SEE TYPICAL SECTIONS AND ROADWAY DETAIL FOR HMA SURFACE REMOVAL (3"-5 1/2") AND PROPOSED HMA BINDER COURSE, IL-19.0, N70 (3"-5 1/2") STATIONING AND CONSTRUCTION.



EXIST. CURVE IL157\_PR-29  
 PI STA. = 352+63.84  
 Δ = 21° 16' 53" (RT)  
 D = 2° 32' 39"  
 R = 2,252.12'  
 T = 423.13'  
 L = 836.51'  
 E = 39.40'  
 e = -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 348+40.71  
 P.T. STA. = 356+77.22

EXIST. CURVE IL157\_PR-30  
 PI STA. = 362+13.21  
 Δ = 0° 18' 37" (RT)  
 D = 0° 02' 11"  
 R = 157,661.02'  
 T = 426.79'  
 L = 853.58'  
 E = 0.58'  
 e = -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 357+86.42  
 P.T. STA. = 366+40.00



FILE NAME =  
 D876E86-sh1-plan-25.dgn  
**CH2MHILL**

USER NAME = jhoffma5  
 DESIGNED - DP  
 DRAWN - JH  
 CHECKED - TN  
 DATE - 6/26/2015

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN  
 IL 157**

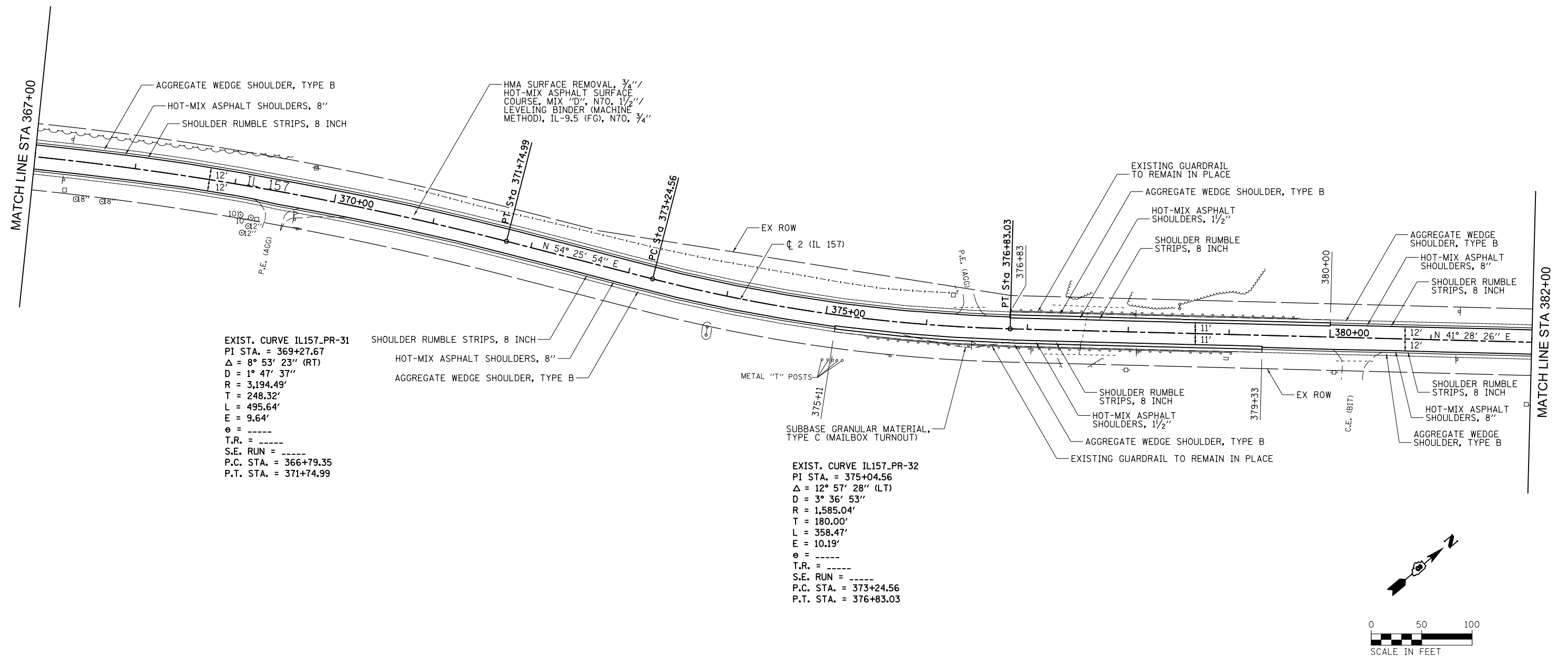
SCALE: 1"=50' SHEET NO. 25 OF 28 SHEETS STA. 352+00.00 TO STA. 367+00.00

FAS RTE.	FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
770	8890	(65,66)RS-5	MADISON	76	56
					CONTRACT NO. 76E86
ILLINOIS RESURFACING					



**NOTES:**

- CONTRACTOR TO FIELD VERIFY LOCATION OF ALL EXISTING GUARDRAIL PRIOR TO CONSTRUCTION. IF DIFFERING FIELD CONDITIONS ARE FOUND CONTRACTOR TO CONTACT RESIDENT ENGINEER IMMEDIATELY FOR FURTHER INSTRUCTION.
- SEE TYPICAL SECTIONS AND ROADWAY DETAIL FOR HMA SURFACE REMOVAL (3"-5 1/2") AND PROPOSED HMA BINDER COURSE, IL-19.0, N70 (3"-5 1/2") STATIONING AND CONSTRUCTION.



EXIST. CURVE IL157-PR-31  
 PI STA. = 369+27.67  
 $\Delta = 8^\circ 53' 23''$  (RT)  
 $D = 1^\circ 47' 37''$   
 $R = 3,194.49'$   
 $T = 248.32'$   
 $L = 495.64'$   
 $E = 9.64'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. \text{ RUN} = \text{-----}$   
 $P.C. \text{ STA.} = 366+79.35$   
 $P.T. \text{ STA.} = 371+74.99$

EXIST. CURVE IL157-PR-32  
 PI STA. = 375+04.56  
 $\Delta = 12^\circ 57' 28''$  (LT)  
 $D = 3^\circ 36' 53''$   
 $R = 1,585.04'$   
 $T = 180.00'$   
 $L = 358.47'$   
 $E = 10.19'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. \text{ RUN} = \text{-----}$   
 $P.C. \text{ STA.} = 373+24.56$   
 $P.T. \text{ STA.} = 376+83.03$

FILE NAME = D876E86-sh1-plan-26.dgn  
**CH2MHILL**

USER NAME = jhoffm05	DESIGNED - DP	REVISED -
DRAWN - JH	REVISOR -	
CHECKED - TN	REVISOR -	
DATE - 6/26/2015	REVISOR -	

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

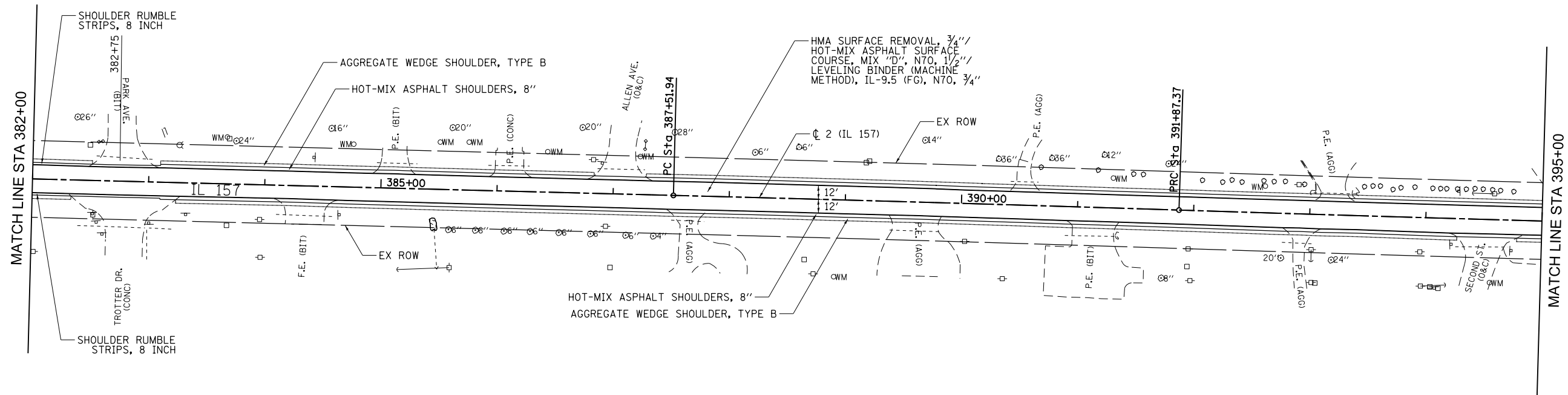
**ROADWAY PLAN  
 IL 157**

SCALE: 1"=50' SHEET NO. 26 OF 28 SHEETS STA. 367+00.00 TO STA. 382+00.00

FAS RTE.	FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
770	8890	(65,66)RS-5	MADISON	76	57
CONTRACT NO. 76E86					
ILLINOIS RESURFACING					

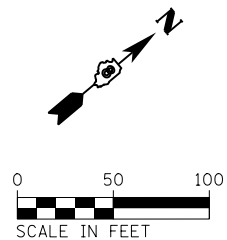
**NOTES:**

- CONTRACTOR TO FIELD VERIFY LOCATION OF ALL EXISTING GUARDRAIL PRIOR TO CONSTRUCTION. IF DIFFERING FIELD CONDITIONS ARE FOUND CONTRACTOR TO CONTACT RESIDENT ENGINEER IMMEDIATELY FOR FURTHER INSTRUCTION.
- SEE TYPICAL SECTIONS AND ROADWAY DETAIL FOR HMA SURFACE REMOVAL (3"-5 1/2") AND PROPOSED HMA BINDER COURSE, IL-19.0, N70 (3"-5 1/2") STATIONING AND CONSTRUCTION.



EXIST. CURVE IL157\_PR-33  
 PI STA. = 389+69.66  
 $\Delta$  = 0° 22' 20" (RT)  
 D = 0° 05' 08"  
 R = 67,008.17'  
 T = 217.72'  
 L = 435.43'  
 E = 0.35'  
 e = -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 387+51.94  
 P.T. STA. = 391+87.37

EXIST. CURVE IL157\_PR-34  
 PI STA. = 394+05.09  
 $\Delta$  = 0° 19' 35" (LT)  
 D = 0° 04' 30"  
 R = 76,425.95'  
 T = 217.72'  
 L = 435.43'  
 E = 0.31'  
 e = -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 391+87.37  
 P.T. STA. = 396+22.80



FILE NAME = D876E86-sh1-plan-27.dgn  
**CH2MHILL**

USER NAME = jhoffm05	DESIGNED - DP	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - JH	REVISED -
PLOT DATE = 6/23/2015	CHECKED - TN	REVISED -
	DATE - 6/26/2015	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

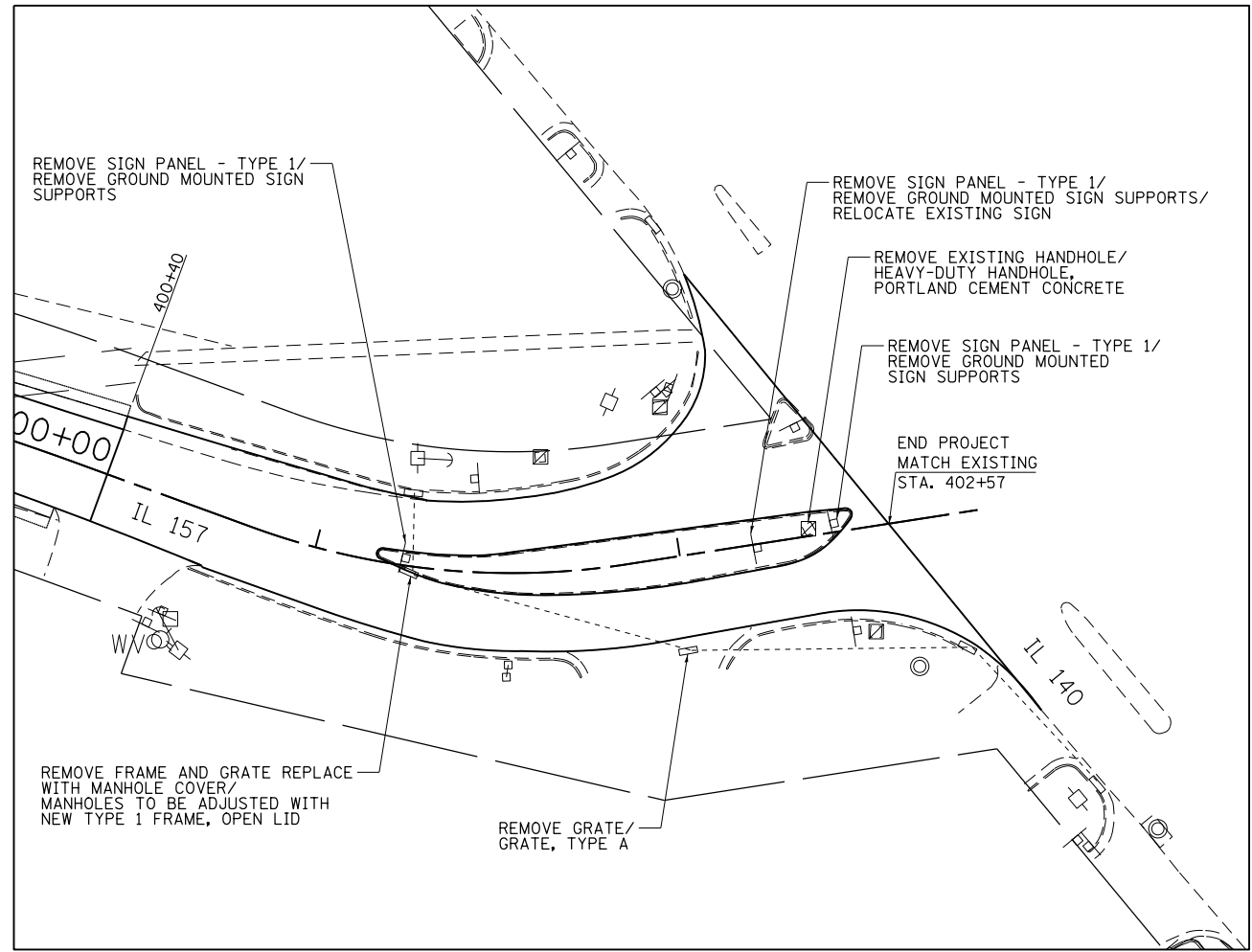
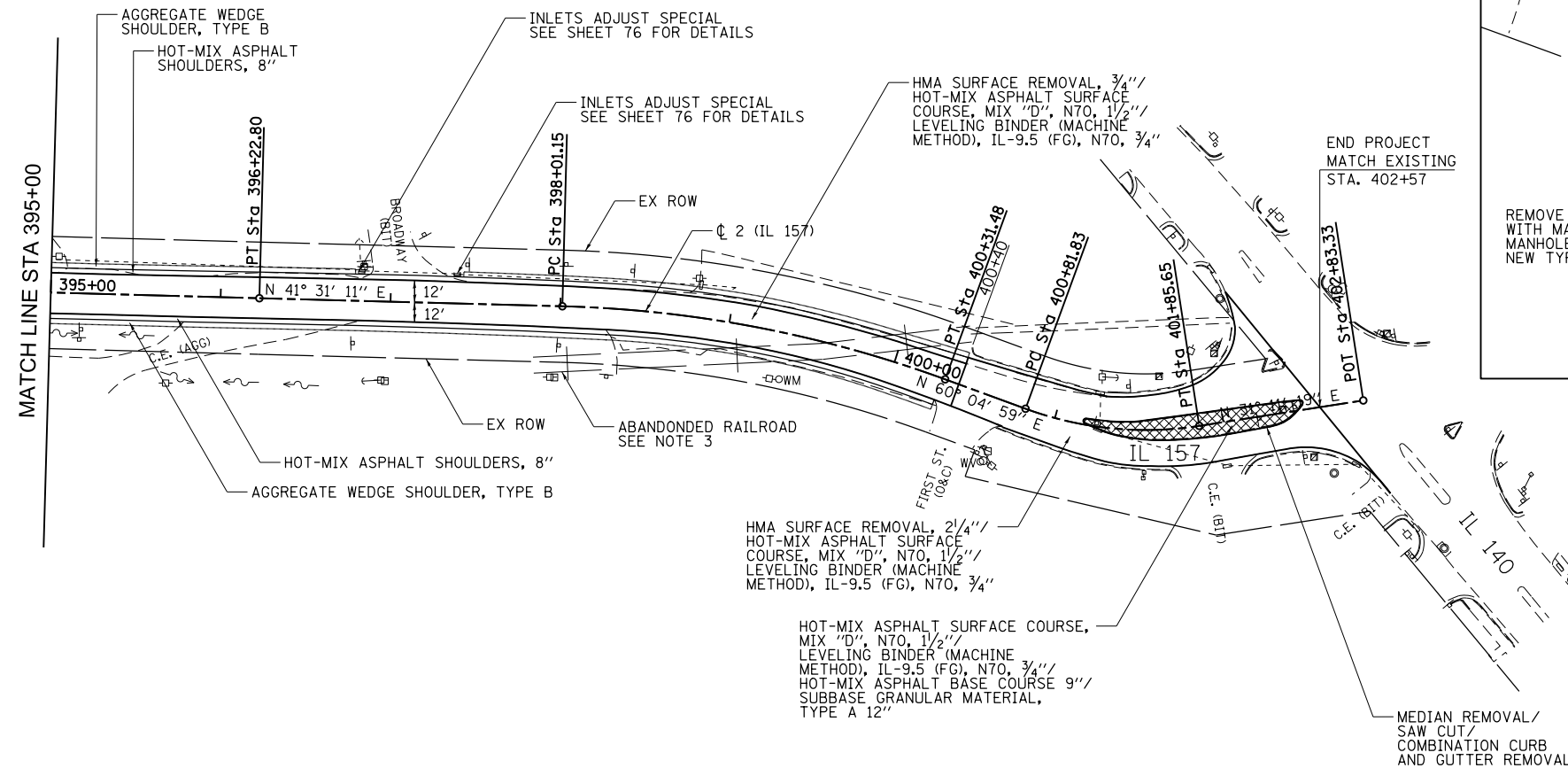
**ROADWAY PLAN  
 IL 157**

SCALE: 1"=50' SHEET NO. 27 OF 28 SHEETS STA. 395+00.00 TO STA. 382+00.00

FAS RTE.	FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
770	8890	(65,66)RS-5	MADISON	76	58
CONTRACT NO. 76E86					
ILLINOIS RESURFACING					

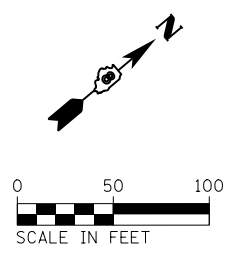
**NOTES:**

1. CONTRACTOR TO FIELD VERIFY LOCATION OF ALL EXISTING GUARDRAIL PRIOR TO CONSTRUCTION. IF DIFFERING FIELD CONDITIONS ARE FOUND CONTRACTOR TO CONTACT RESIDENT ENGINEER IMMEDIATELY FOR FURTHER INSTRUCTION.
2. SEE TYPICAL SECTIONS AND ROADWAY DETAIL FOR HMA SURFACE REMOVAL (3"-5 1/2") AND PROPOSED HMA BINDER COURSE, IL-19.0, N70 (3"-5 1/2") STATIONING AND CONSTRUCTION.
3. CONTRACTOR TO FIELD VERIFY REMOVAL LOCATIONS, ABANDONED RAIL ROAD IS NOT FIELD SURVEYED. CONTRACTOR IS RESPONSIBLE FOR REMOVING RAIL AND CONCRETE IN THE AREA OF SHOULDER CONSTRUCTION. SURVEY TO BE PAID FOR UNDER SECTION 10904 WITHIN THE RIGHT-OF-WAY.



EXIST. CURVE IL157\_PR-35  
 PI STA. = 399+17.34  
 $\Delta = 18^\circ 33' 47''$  (RT)  
 $D = 8^\circ 03' 34''$   
 $R = 710.92'$   
 $T = 116.18'$   
 $L = 230.33'$   
 $E = 9.43'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. \text{ RUN} = \text{-----}$   
 $P.C. \text{ STA.} = 398+01.15$   
 $P.T. \text{ STA.} = 400+31.48$

EXIST. CURVE IL157\_PR-36  
 PI STA. = 401+34.87  
 $\Delta = 28^\circ 53' 40''$  (LT)  
 $D = 27^\circ 49' 52''$   
 $R = 205.87'$   
 $T = 53.04'$   
 $L = 103.82'$   
 $E = 6.72'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. \text{ RUN} = \text{-----}$   
 $P.C. \text{ STA.} = 400+81.83$   
 $P.T. \text{ STA.} = 401+85.65$



FILE NAME =  
 D876E86-sh1-plan-28.dgn  
**CH2MHILL**

USER NAME = jhoffm05  
 DRAWN - JH  
 CHECKED - TN  
 DATE - 6/26/2015

DESIGNED - DP  
 DRAWN - JH  
 CHECKED - TN  
 DATE - 6/26/2015

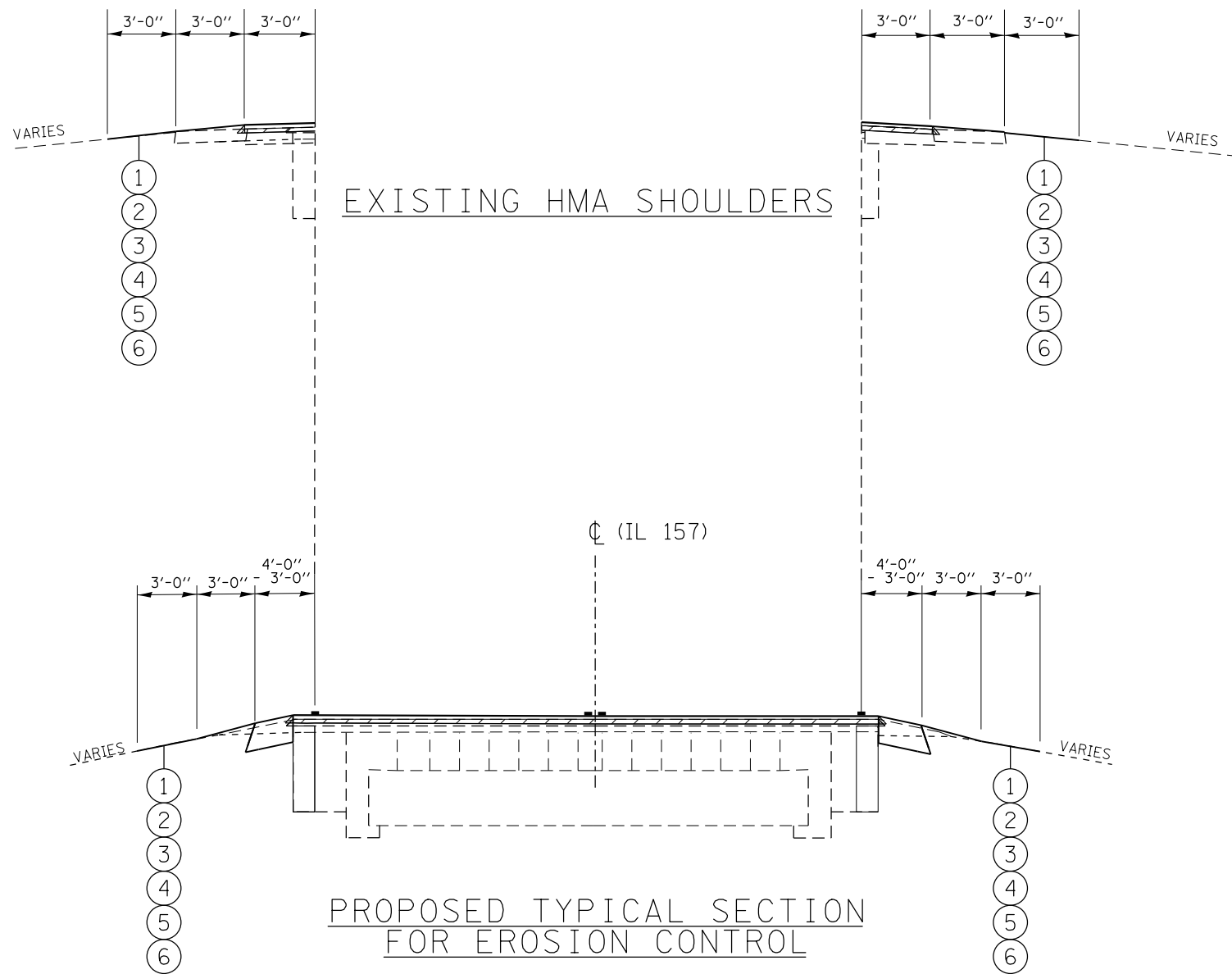
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 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN  
 IL 157**

SCALE: 1"=50' SHEET NO. 28 OF 28 SHEETS STA. 395+00.00 TO STA. 402+83.33

FAS RTE.	FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
770	8890	(65,66)RS-5	MADISON	76	59
					CONTRACT NO. 76E86
ILLINOIS RESURFACING					



**LEGEND**

- ① PROPOSED SEEDING CLASS 2A
- ② PROPOSED NITROGEN FERTILIZER NUTRIENT
- ③ PROPOSED PHOSPHOROUS FERTILIZER NUTRIENT
- ④ PROPOSED POTASSIUM FERTILIZER NUTRIENT
- ⑤ PROPOSED EROSION CONTROL BLANKET
- ⑥ PROPOSED TEMPORARY EROSION CONTROL SEEDING

FILE NAME =  
D876E86-sht-eros-01.dgn  
**CH2MHILL**

USER NAME = jhoffma5  
DESIGNED - JH  
DRAWN - JH  
CHECKED - TN  
DATE - 6/26/2015

REVISED -  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**




**EROSION AND SEDIMENT CONTROL  
IL 157**

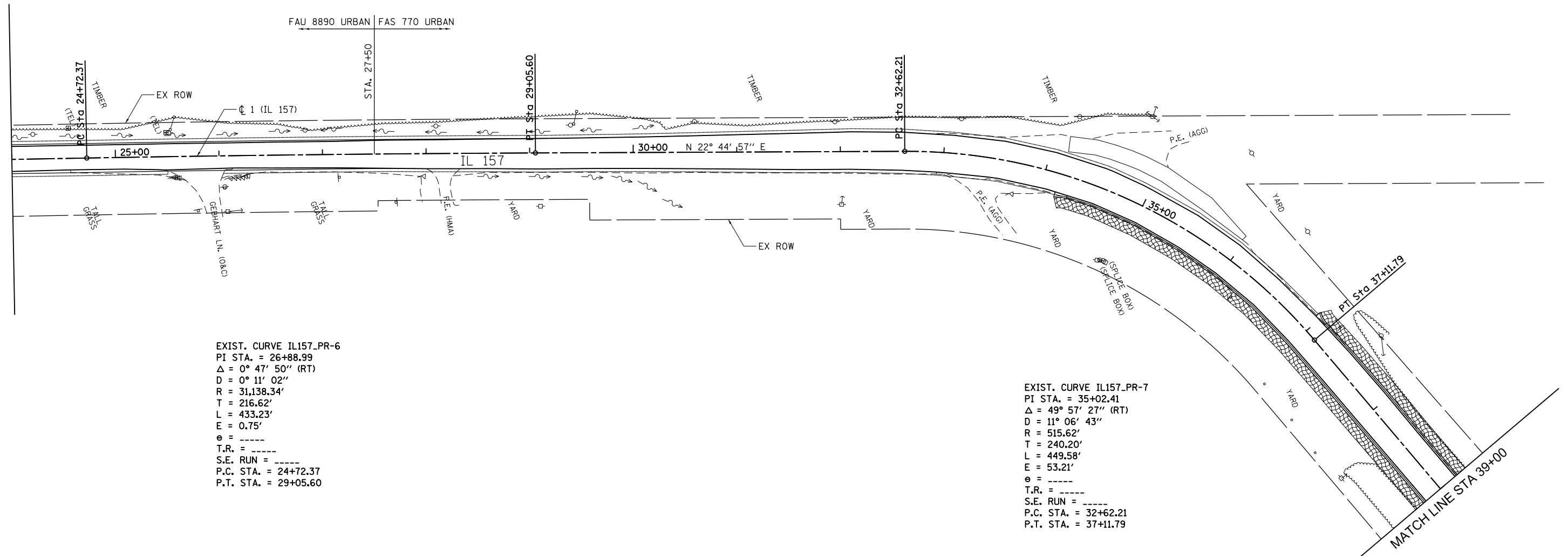
SCALE: 1"=50' SHEET NO. 1 OF 6 SHEETS

FAS RTE.	FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
770	8890	(65,66)RS-5	MADISON	76	60
					<b>CONTRACT NO. 76E86</b>
ILLINOIS RESURFACING					

**NOTES:**

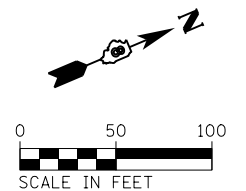
1. EROSION CONTROL PLANS NOT PROVIDED FROM STA. 15+80 C1 TO STA. 24+00 C2. SEE EROSION CONTROL TYPICAL SECTION FOR ADDITIONAL DETAILS.

LEGEND	
	PERIMETER EROSION BARRIER
	EROSION CONTROL BLANKET
	EXISTING FLOW ARROW



EXIST. CURVE IL157-PR-6  
 PI STA. = 26+88.99  
 $\Delta = 0^\circ 47' 50''$  (RT)  
 $D = 0^\circ 11' 02''$   
 $R = 31,138.34'$   
 $T = 216.62'$   
 $L = 433.23'$   
 $E = 0.75'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. RUN = \text{-----}$   
 $P.C. STA. = 24+72.37$   
 $P.T. STA. = 29+05.60$

EXIST. CURVE IL157-PR-7  
 PI STA. = 35+02.41  
 $\Delta = 49^\circ 57' 27''$  (RT)  
 $D = 11^\circ 06' 43''$   
 $R = 515.62'$   
 $T = 240.20'$   
 $L = 449.58'$   
 $E = 53.21'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. RUN = \text{-----}$   
 $P.C. STA. = 32+62.21$   
 $P.T. STA. = 37+11.79$



FILE NAME = D876E86-shr-eros-02.dgn  
**CH2MHILL**

USER NAME = jhoffma5	DESIGNED - JH	REVISED -
PLOT SCALE = 100.0010' / in.	DRAWN - JH	REVISED -
PLOT DATE = 6/23/2015	CHECKED - TN	REVISED -
	DATE - 6/26/2015	REVISED -




**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

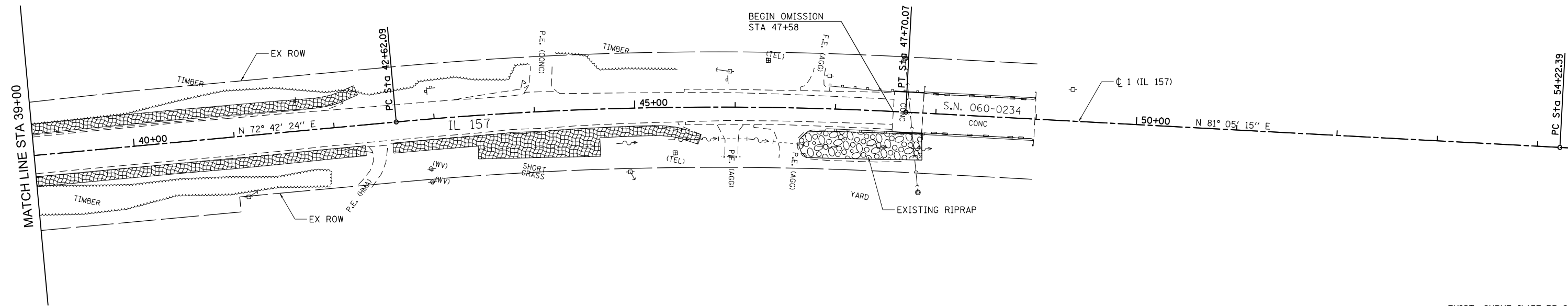
**EROSION AND SEDIMENT CONTROL  
 IL 157**

SCALE: 1"=50'      SHEET NO. 2 OF 6 SHEETS      STA. 24+00.00 TO STA. 39+00.00

FAS RTE.	FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
770	8890	(65,66)RS-5	MADISON	76	61
					CONTRACT NO. 76E86

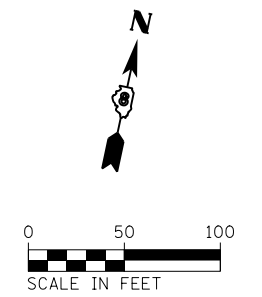
ILLINOIS RESURFACING

LEGEND	
	PERIMETER EROSION BARRIER
	EROSION CONTROL BLANKET
	EXISTING FLOW ARROW



EXIST. CURVE IL157-PR-8  
 PI STA. = 45+16.53  
 $\Delta = 8^\circ 22' 52''$  (RT)  
 D =  $1^\circ 39' 00''$   
 R = 3,472.69'  
 T = 254.44'  
 L = 507.97'  
 E = 9.31'  
 e = -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 42+62.09  
 P.T. STA. = 47+70.07

EXIST. CURVE IL157-PR-9  
 PI STA. = 55+39.77  
 $\Delta = 6^\circ 30' 13''$  (LT)  
 D =  $2^\circ 46' 24''$   
 R = 2,066.01'  
 T = 117.38'  
 L = 234.51'  
 E = 3.33'  
 e = -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 54+22.39  
 P.T. STA. = 56+56.90



FILE NAME = D876E86-sht-eros-03.dgn  
**CH2MHILL**

USER NAME = jhoffma5	DESIGNED - JH	REVISED -
PLOT SCALE = 100.0010' / in.	DRAWN - JH	REVISED -
PLOT DATE = 6/23/2015	CHECKED - TN	REVISED -
	DATE - 6/26/2015	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**




**EROSION AND SEDIMENT CONTROL  
 IL 157**

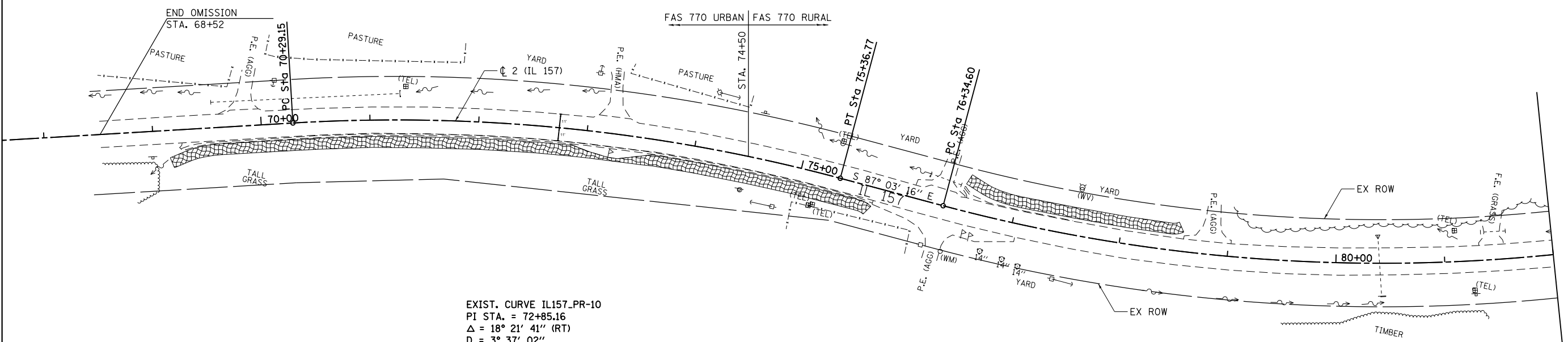
SCALE: 1"=50' SHEET NO. 3 OF 6 SHEETS STA. 39+00.00 TO STA.

FAS RTE.	FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
770	8890	(65,66)RS-5	MADISON	76	62
CONTRACT NO. 76E86					
ILLINOIS RESURFACING					

**NOTES:**

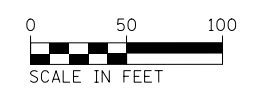
1. EROSION CONTROL PLANS NOT PROVIDED FROM STA. 82+00 C2 TO STA. 337+00 C2. SEE EROSION CONTROL TYPICAL SECTION FOR ADDITIONAL DETAILS.

LEGEND	
	PERIMETER EROSION BARRIER
	EROSION CONTROL BLANKET
	EXISTING FLOW ARROW



EXIST. CURVE IL157\_PR-10  
 PI STA. = 72+85.16  
 $\Delta = 18^\circ 21' 41''$  (RT)  
 $D = 3^\circ 37' 02''$   
 $R = 1,584.01'$   
 $T = 256.01'$   
 $L = 507.62'$   
 $E = 20.55'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. \text{ RUN} = \text{-----}$   
 $P.C. \text{ STA.} = 70+29.15$   
 $P.T. \text{ STA.} = 75+36.77$

EXIST. CURVE IL157\_PR-11  
 PI STA. = 80+66.86  
 $\Delta = 30^\circ 56' 14''$  (LT)  
 $D = 3^\circ 40' 05''$   
 $R = 1,562.02'$   
 $T = 432.27'$   
 $L = 843.43'$   
 $E = 58.71'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. \text{ RUN} = \text{-----}$   
 $P.C. \text{ STA.} = 76+34.60$   
 $P.T. \text{ STA.} = 84+78.02$



FILE NAME = D876E86-sht-eros-04.dgn  
**CH2MHILL**

USER NAME = jhoffm05	DESIGNED - JH	REVISED -
PLOT SCALE = 100.0010' / in.	DRAWN - JH	REVISED -
PLOT DATE = 6/23/2015	CHECKED - TN	REVISED -
	DATE - 6/26/2015	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**




**EROSION AND SEDIMENT CONTROL**  
**IL 157**  
 SCALE: 1"=50' SHEET NO. 4 OF 6 SHEETS STA. TO STA. 82+00.00

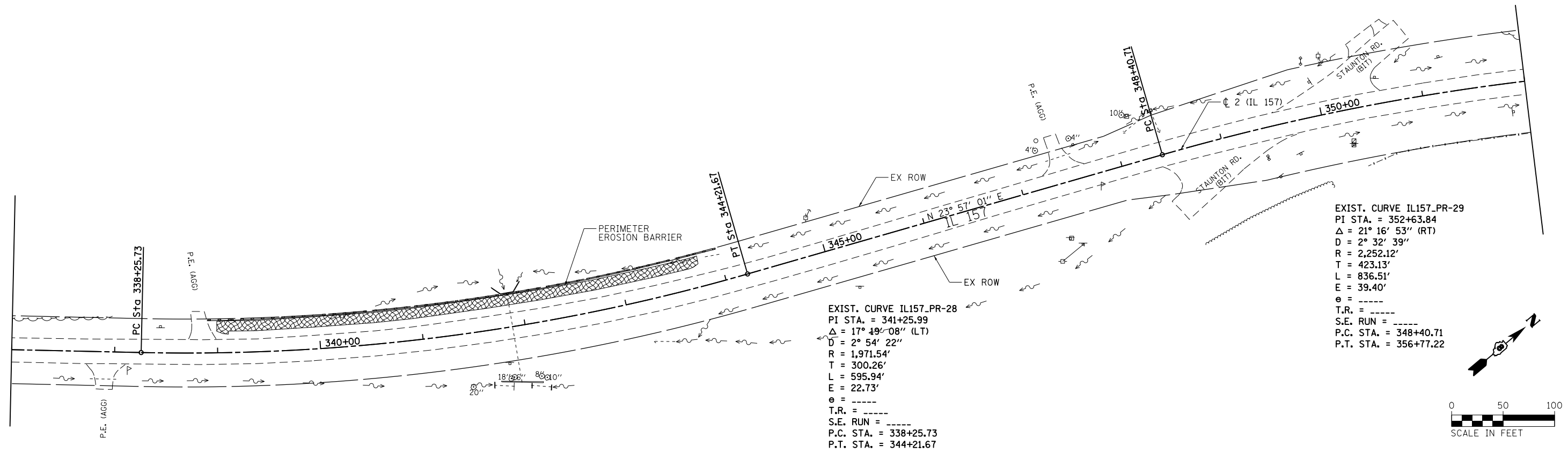
FAS RTE.	FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
770	8890	(65,66)RS-5	MADISON	76	63
					CONTRACT NO. 76E86

ILLINOIS RESURFACING

NOTES:

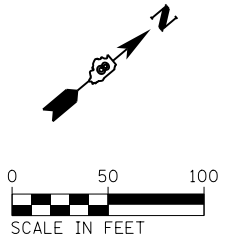
1. EROSION CONTROL PLANS NOT PROVIDED FROM STA. 352+00 C2 TO STA. 395+00 C2. SEE EROSION CONTROL TYPICAL SECTION FOR ADDITIONAL DETAILS.

LEGEND	
	PERIMETER EROSION BARRIER
	EROSION CONTROL BLANKET
	EXISTING FLOW ARROW



EXIST. CURVE IL157-PR-28  
 PI STA. = 341+25.99  
 $\Delta = 17^\circ 49' 08''$  (LT)  
 $D = 2^\circ 54' 22''$   
 $R = 1,971.54'$   
 $T = 300.26'$   
 $L = 595.94'$   
 $E = 22.73'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. RUN = \text{-----}$   
 $P.C. STA. = 338+25.73$   
 $P.T. STA. = 344+21.67$

EXIST. CURVE IL157-PR-29  
 PI STA. = 352+63.84  
 $\Delta = 21^\circ 16' 53''$  (RT)  
 $D = 2^\circ 32' 39''$   
 $R = 2,252.12'$   
 $T = 423.13'$   
 $L = 836.51'$   
 $E = 39.40'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. RUN = \text{-----}$   
 $P.C. STA. = 348+40.71$   
 $P.T. STA. = 356+77.22$



FILE NAME = D876E86-sht-eros-05.dgn	USER NAME = jhoffma5	DESIGNED - JH	REVISED -
<b>CH2MHILL</b>	DRAWN - JH	CHECKED - TN	REVISED -
PLOT SCALE = 100.0000' / in.	DATE - 6/26/2015	REVISIONS	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL  
IL 157**

SCALE: 1"=50'      SHEET NO. 5 OF 6 SHEETS      STA. 337+00.00 TO STA. 352+00.00

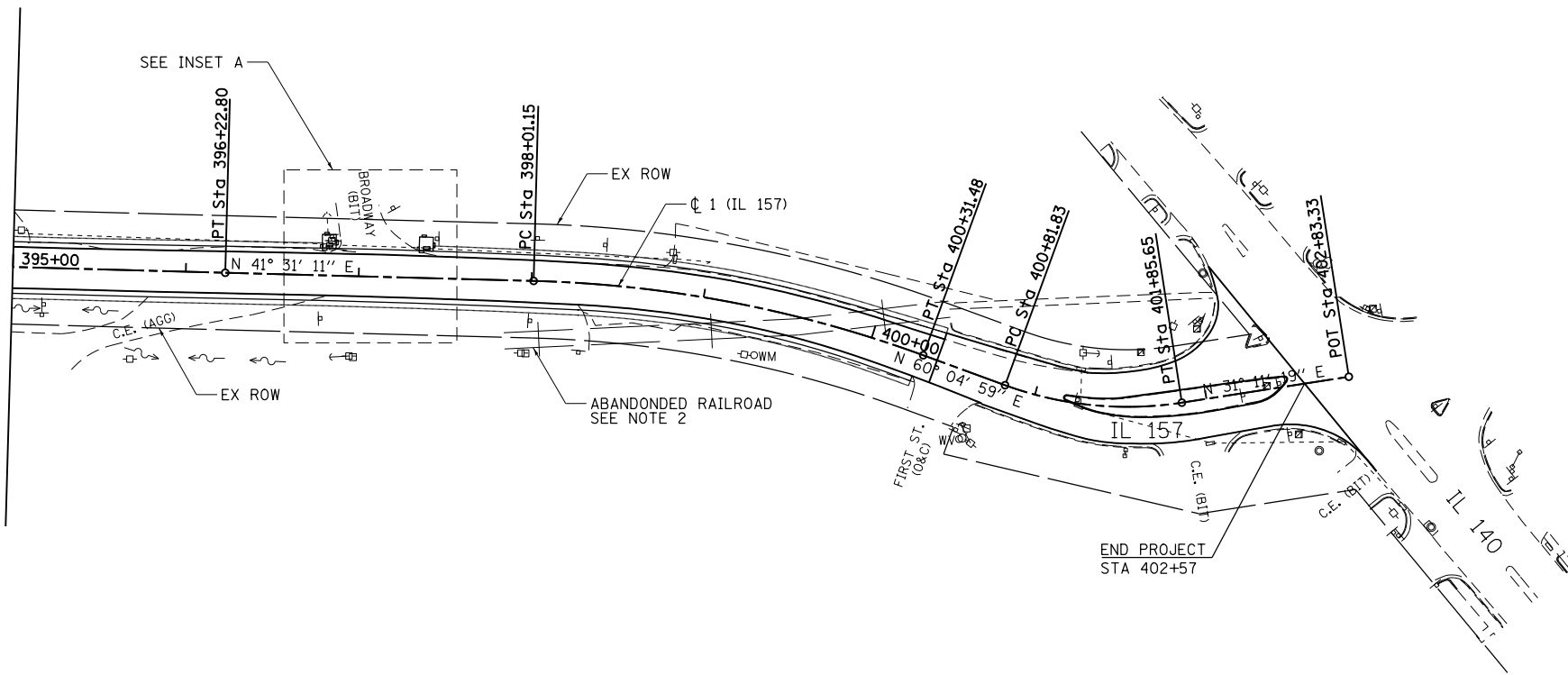
FAS RTE.	FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
770	8890	(65,66)RS-5	MADISON	76	64
					CONTRACT NO. 76E86
ILLINOIS RESURFACING					



**NOTES:**

1. EROSION CONTROL PLANS NOT PROVIDED FROM STA. 352+00 C2 TO STA. 395+00 C2. SEE EROSION CONTROL TYPICAL SECTION FOR ADDITIONAL DETAILS.

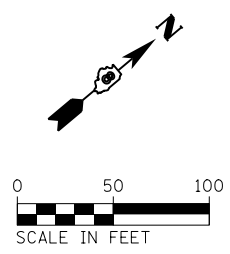
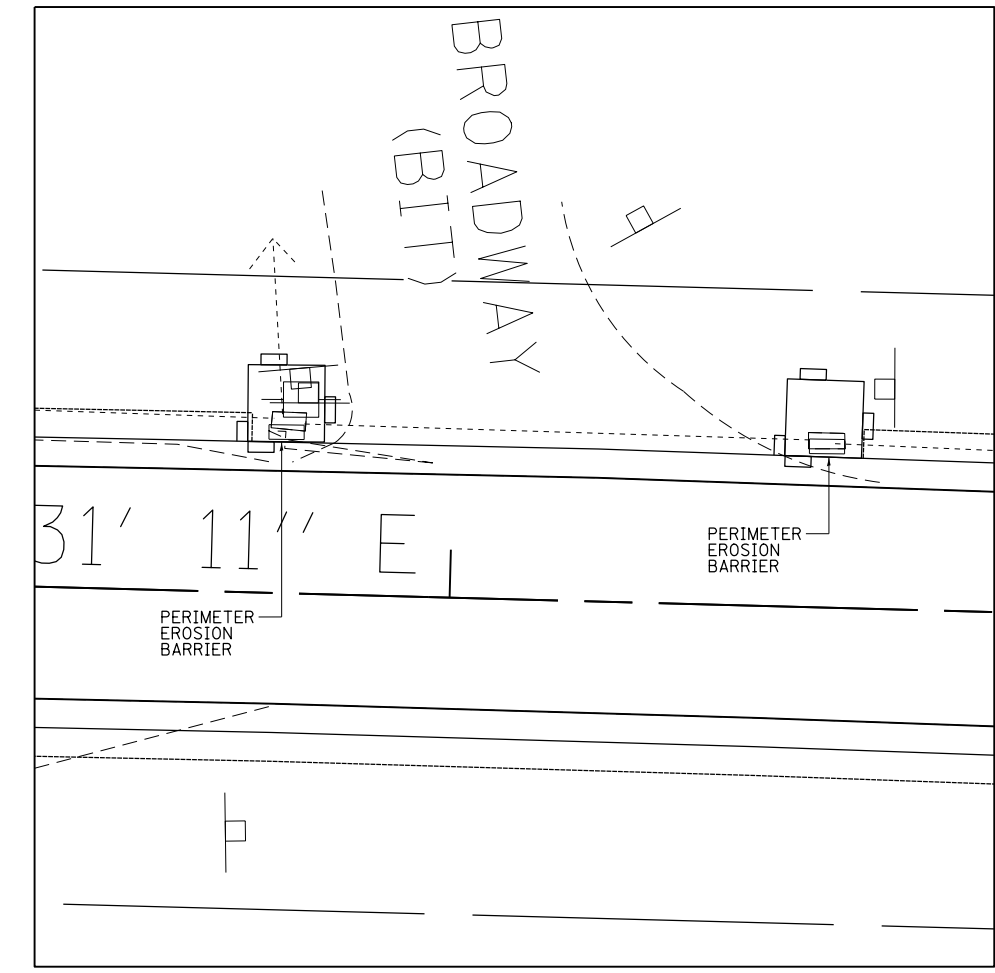
LEGEND	
	PERIMETER EROSION BARRIER
	EROSION CONTROL BLANKET
	EXISTING FLOW ARROW



EXIST. CURVE IL157\_PR-35  
 PI STA. = 399+17.34  
 $\Delta = 18^\circ 33' 47''$  (RT)  
 $D = 8^\circ 03' 34''$   
 $R = 710.92'$   
 $T = 116.18'$   
 $L = 230.33'$   
 $E = 9.43'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. RUN = \text{-----}$   
 $P.C. STA. = 398+01.15$   
 $P.T. STA. = 400+31.48$

EXIST. CURVE IL157\_PR-36  
 PI STA. = 401+34.87  
 $\Delta = 28^\circ 53' 40''$  (LT)  
 $D = 27^\circ 49' 52''$   
 $R = 205.87'$   
 $T = 53.04'$   
 $L = 103.82'$   
 $E = 6.72'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. RUN = \text{-----}$   
 $P.C. STA. = 400+81.83$   
 $P.T. STA. = 401+85.65$

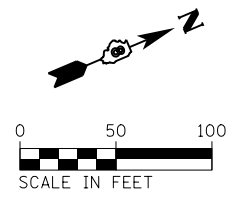
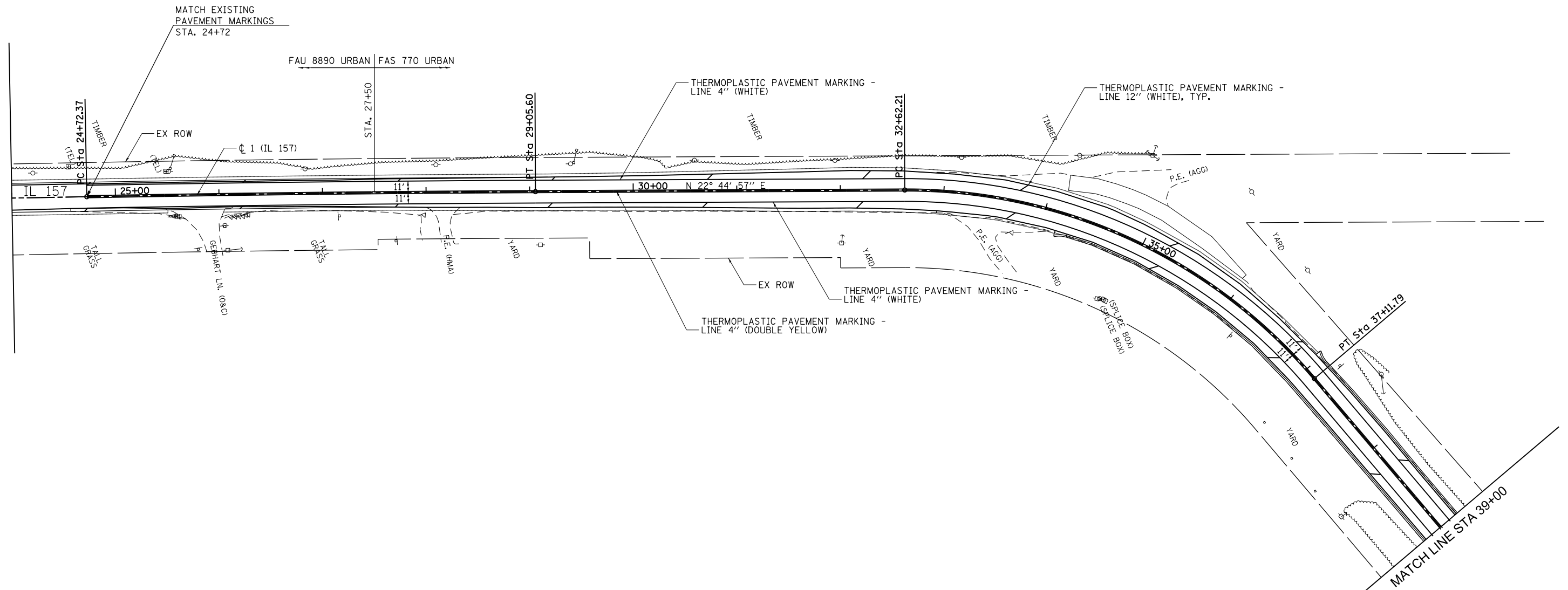
**INSET A**



FILE NAME = D876E86-shr-eros-06.dgn <b>CH2MHILL</b>	USER NAME = jhoffma5	DESIGNED - JH	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EROSION AND SEDIMENT CONTROL IL 157</b>		FAS RTE. 770	FAU RTE. 8890	SECTION (65,66)RS-5	COUNTY MADISON	TOTAL SHEETS 76	SHEET NO. 65
	PLOT SCALE = 100.0000' / in.	CHECKED - TN	DATE - 6/26/2015		REVISED -	SCALE: 1"=50'	SHEET NO. 6 OF 6 SHEETS	STA. 395+00.00 TO STA. 402+83.33	CONTRACT NO. 76E86			

**NOTES:**

- PAVEMENT MARKING PLANS NOT PROVIDED FROM STA. 15+80 C1 TO STA. 24+00 C2. SEE TYPICAL SECTIONS AND SCHEDULES FOR ADDITIONAL DETAILS. MATCH EXISTING PAVEMENT MARKING.



FILE NAME = D876E86-sh1-pmk-04.dgn  
**CH2MHILL**

USER NAME = jhoffm05	DESIGNED - JH	REVISED -
PLOT SCALE = 100.0010' / 1" =	DRAWN - JH	REVISED -
PLOT DATE = 6/23/2015	CHECKED - TN	REVISED -
	DATE - 6/26/2015	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

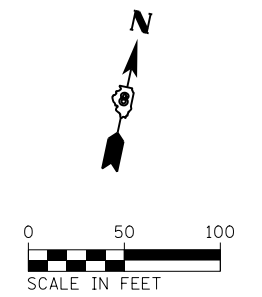
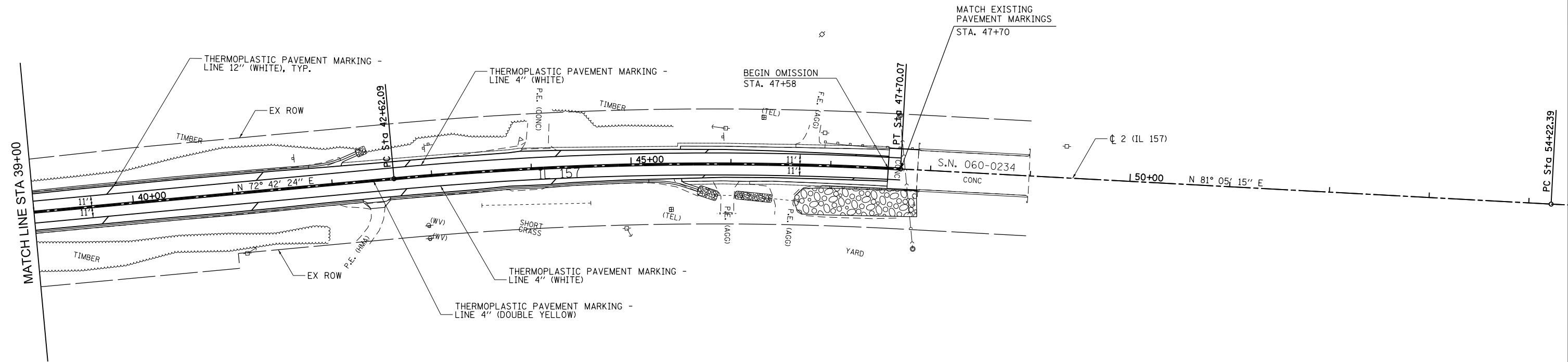
**PAVEMENT MARKING PLAN  
 IL 157**

SCALE: 1"=50'      SHEET NO. 1 OF 2 SHEETS      STA. 24+00.00 TO STA. 39+00.00

FAS RTE. 770	FAU RTE. 8890	SECTION (65,66)RS-5	COUNTY MADISON	TOTAL SHEETS 76	SHEET NO. 66
CONTRACT NO. 76E86					
ILLINOIS RESURFACING					

**NOTES:**

- PAVEMENT MARKING PLANS NOT PROVIDED FROM STA. 47+70 C2 TO STA. 402+57 C2. SEE TYPICAL SECTIONS AND SCHEDULES FOR ADDITIONAL DETAILS. MATCH EXISTING PAVEMENT MARKING.



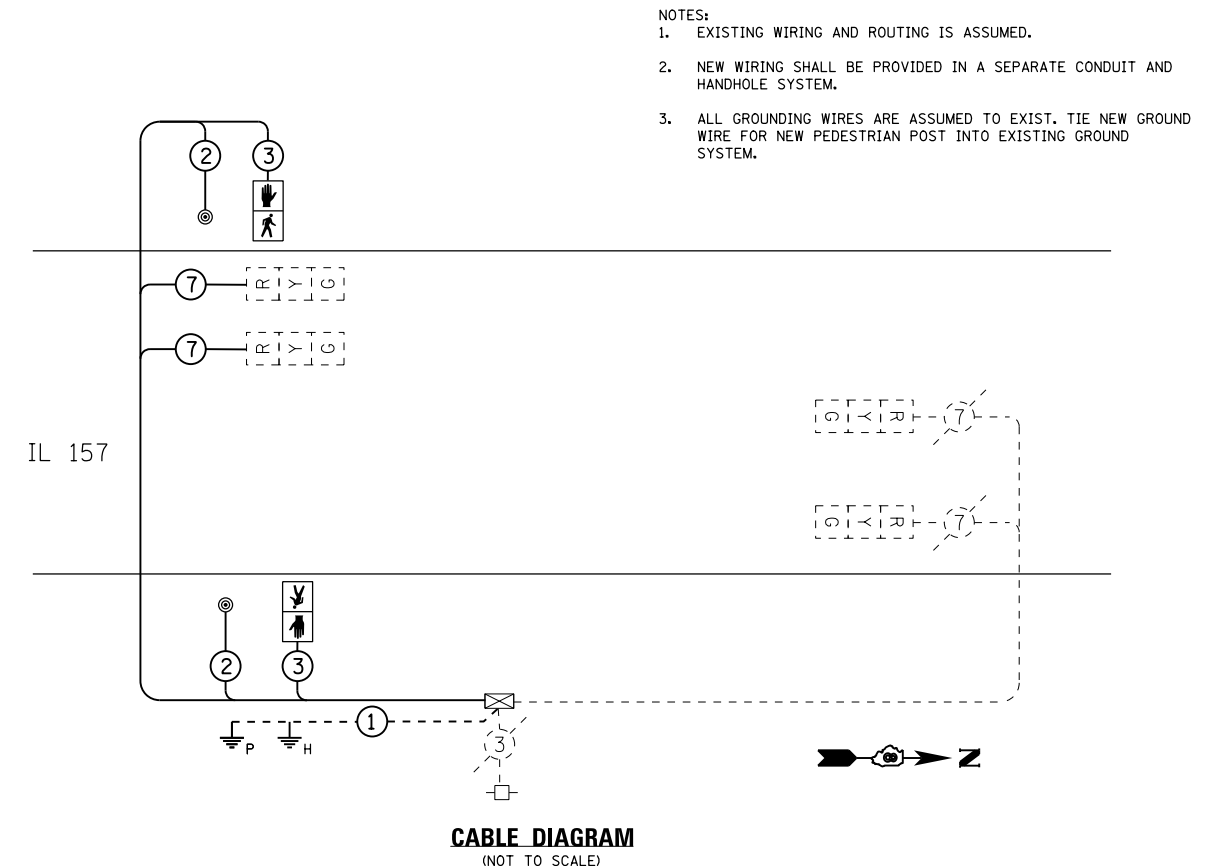
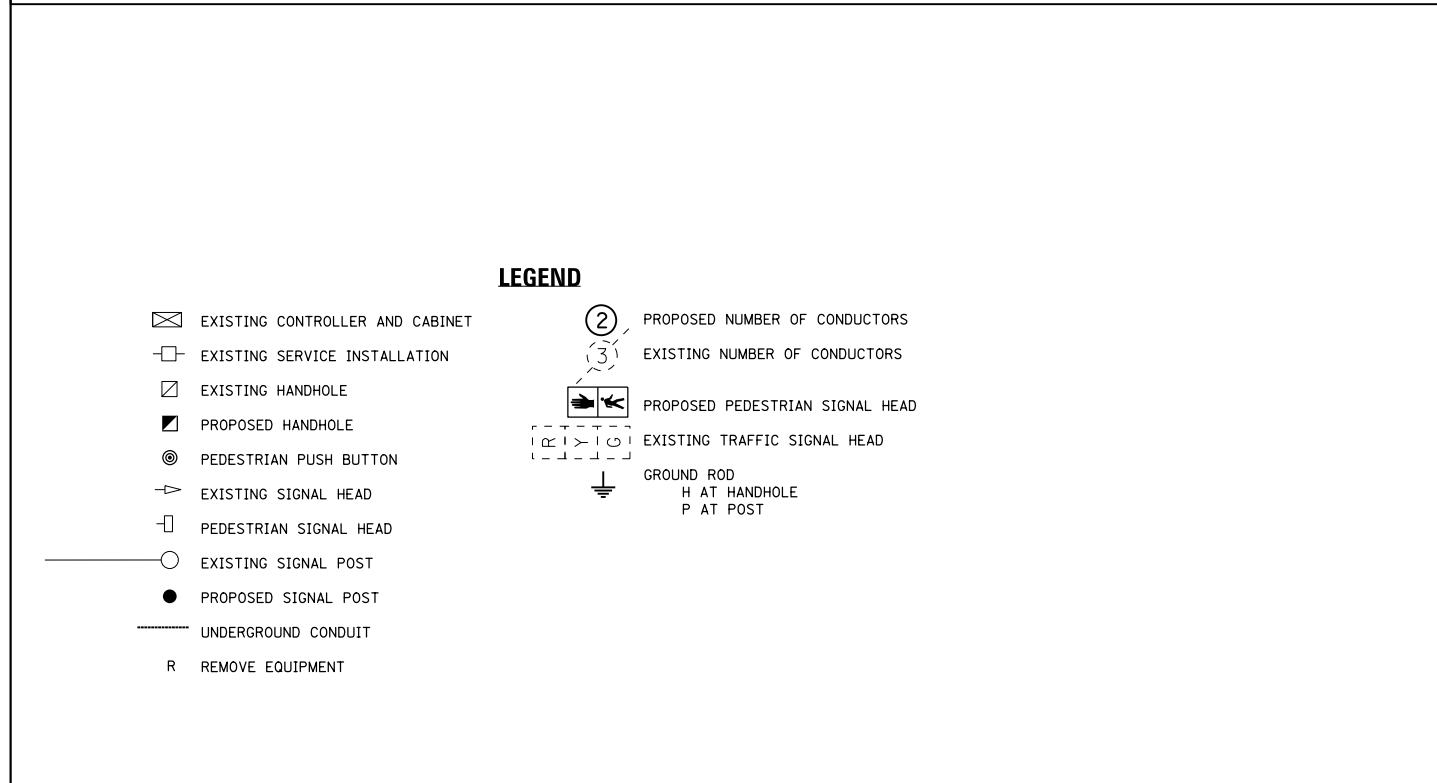
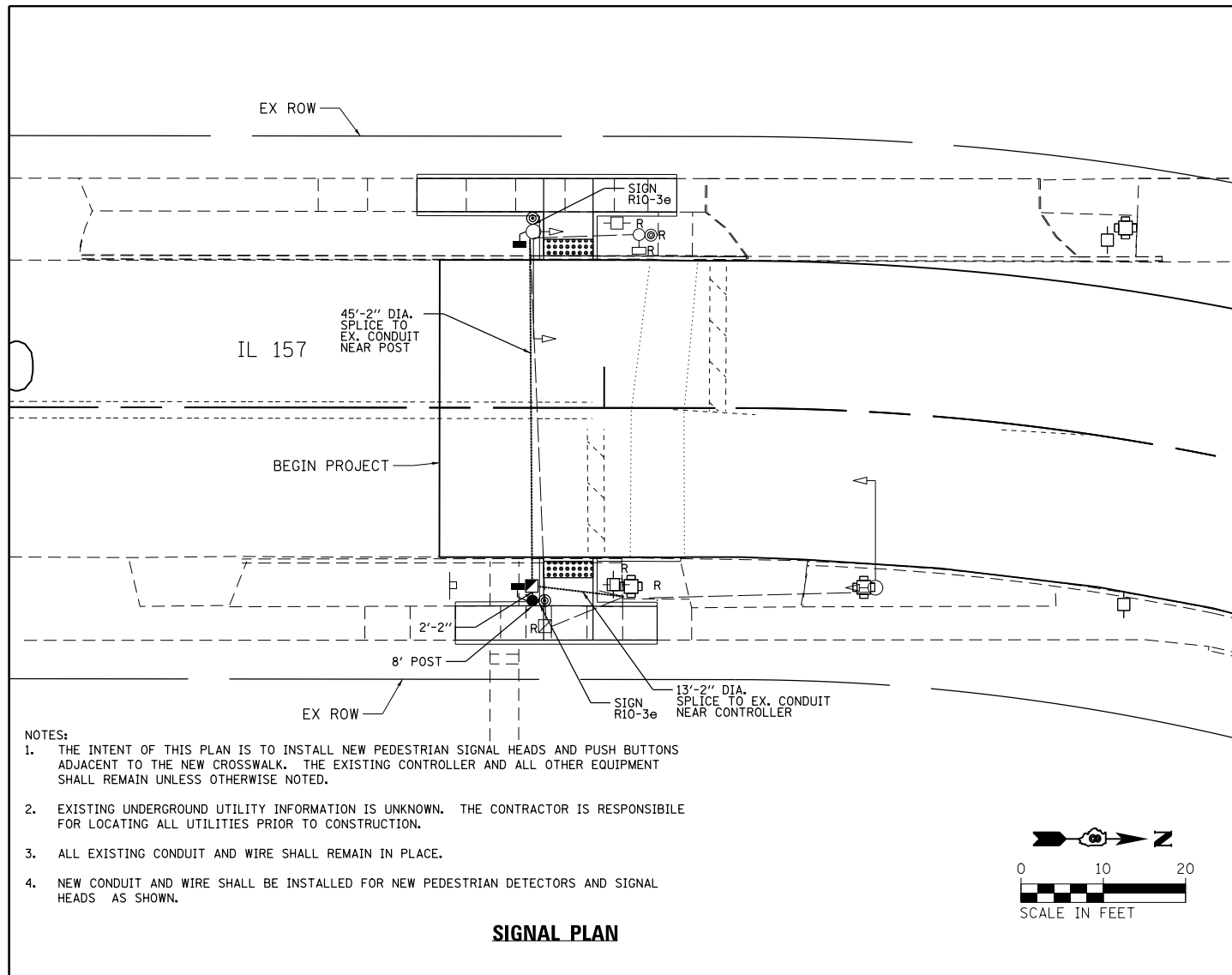
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<b>CH2MHILL</b>	PLOT SCALE = 100.0010' / 1in.	DRAWN - JH	REVISED -
	PLOT DATE = 6/23/2015	CHECKED - TN	REVISED -
		DATE - 6/26/2015	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN  
IL 157**

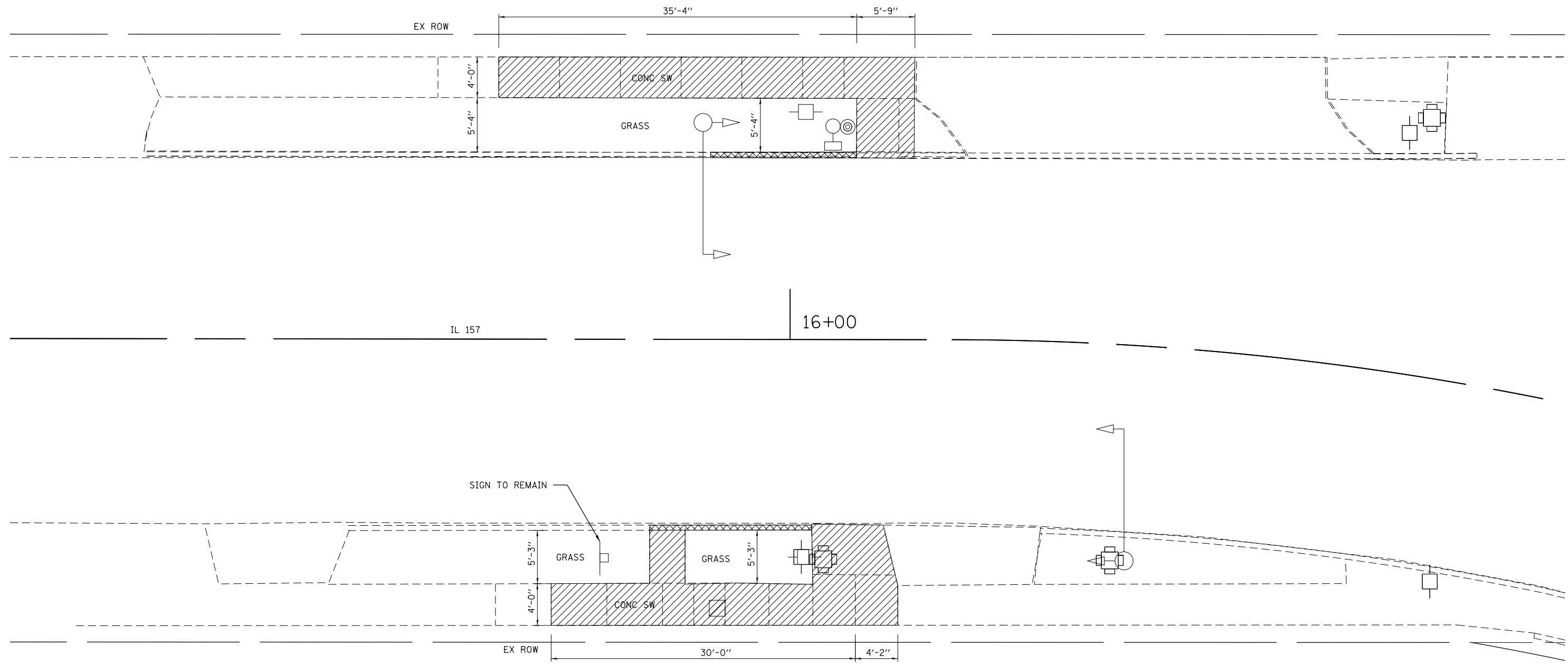
SCALE: 1"=50'      SHEET NO. 2 OF 2 SHEETS      STA. 39+00.00 TO STA. 47+58.00

FAS RTE.	FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
770	8890	(65,66)RS-5	MADISON	76	67
CONTRACT NO. 76E86					
ILLINOIS RESURFACING					



- NOTES:**
1. EXISTING WIRING AND ROUTING IS ASSUMED.
  2. NEW WIRING SHALL BE PROVIDED IN A SEPARATE CONDUIT AND HANDHOLE SYSTEM.
  3. ALL GROUNDING WIRES ARE ASSUMED TO EXIST. TIE NEW GROUND WIRE FOR NEW PEDESTRIAN POST INTO EXISTING GROUND SYSTEM.

SUMMARY OF QUANTITIES		
DESCRIPTION	UNIT	QUANTITY
SIGN PANEL - TYPE 1	SQ FT	2
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	60
HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 2C	FOOT	106
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 3C	FOOT	108
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 7C	FOOT	203
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR NO. 6 1C	EACH	29
TRAFFIC SIGNAL POST, 8 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	3
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH	EACH	2
PEDESTRIAN PUSH BUTTON	EACH	2
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	4
REMOVE EXISTING HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATIONS	EACH	2

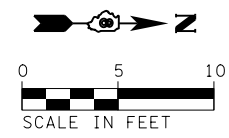


IL 157

16+00

SIGN TO REMAIN

LEGEND	
	CURB REMOVAL & COMBINATION CURB AND GUTTER REMOVAL
	SIDEWALK REMOVAL



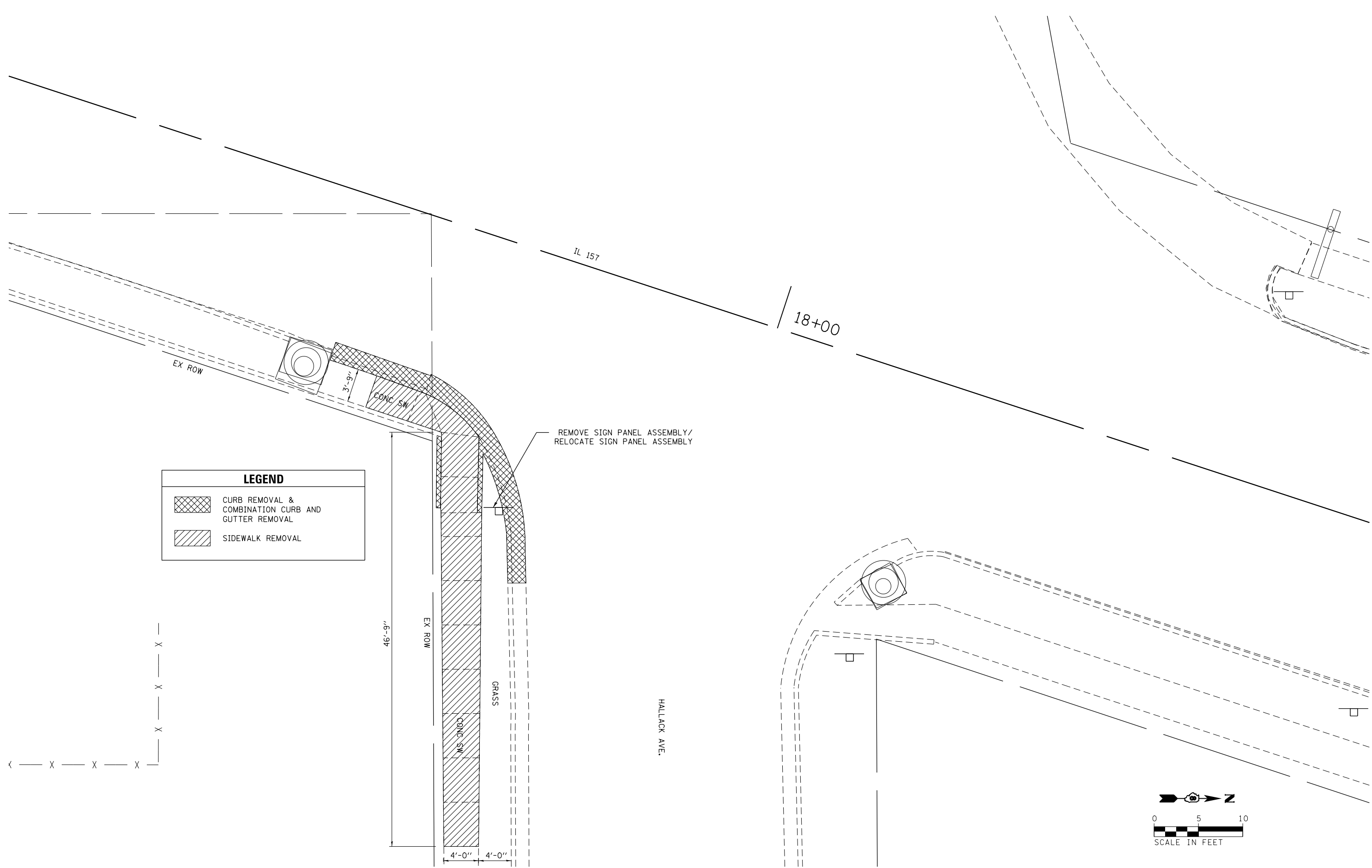
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<b>CH2MHILL</b>	PLOT SCALE = 10.0000' / in.	DRAWN - JH	REVISED -
	PLOT DATE = 6/23/2015	CHECKED - TN	REVISED -
		DATE - 6/26/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ADA REMOVAL AND CONSTRUCTION DETAILS  
IL 157

SCALE: 1"=5'    SHEET NO. 1 OF 7 SHEETS    STA.    TO STA.

FAS RTE.	FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
770	8890	(65,66)RS-5	MADISON	76	69
DRAWING NO. #PLOT_NAME				CONTRACT NO. 76E86	
ILLINOIS RESURFACING					



FILE NAME =  
D876E86-sht-detail1-02.dgn  
**CH2MHILL**

USER NAME = jhoffma5  
DESIGNED - CB  
DRAWN - JH  
CHECKED - TN  
DATE - 6/26/2015

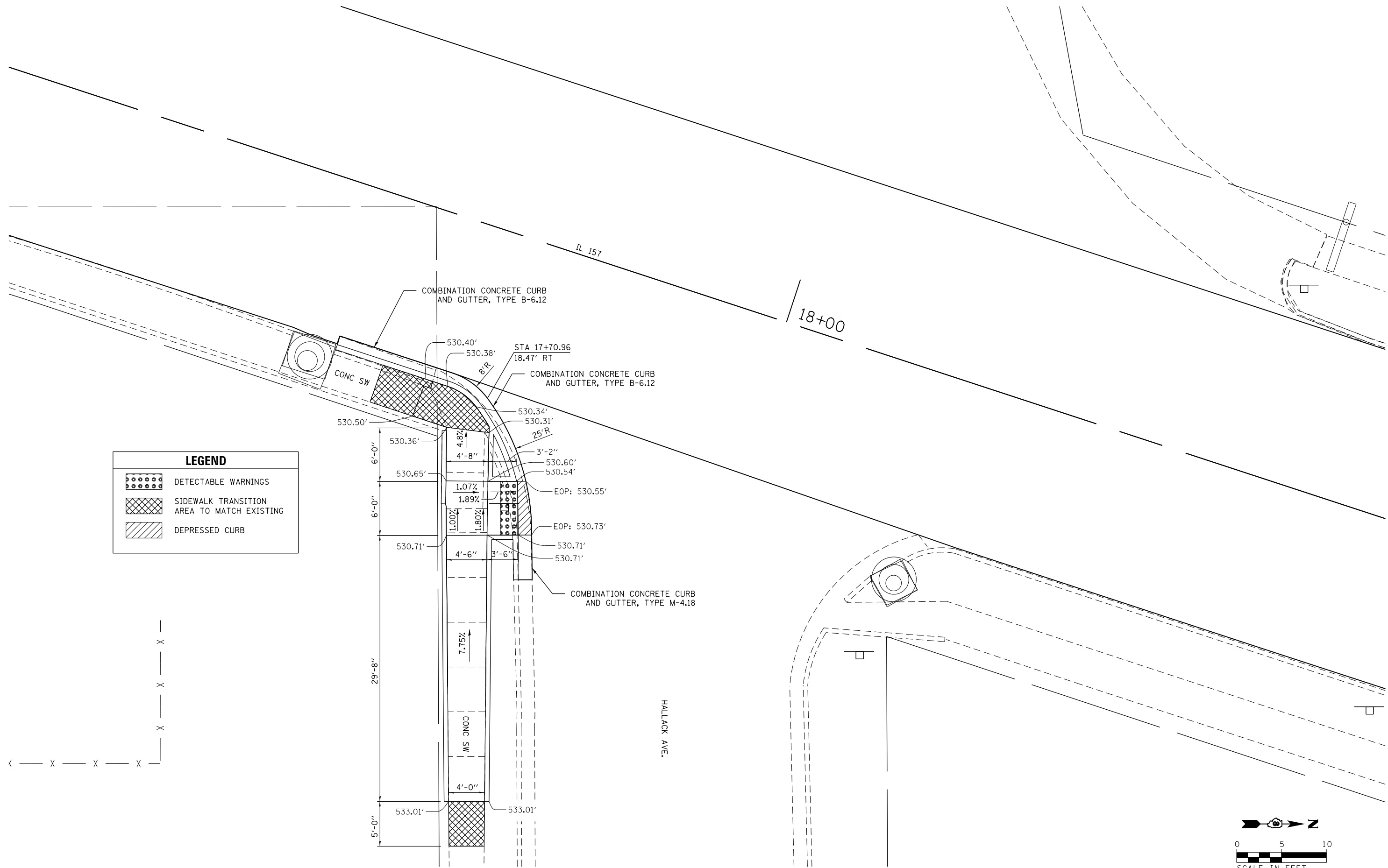
REVISED -  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

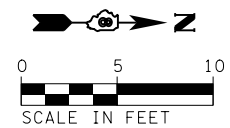
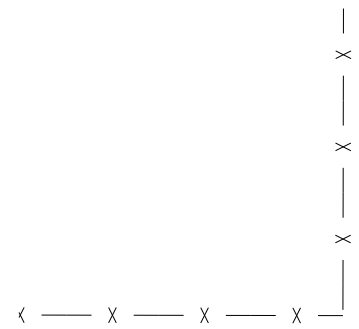
**ADA REMOVAL AND CONSTRUCTION DETAILS**  
**IL 157**  
SCALE: 1"=5' SHEET NO. 2 OF 7 SHEETS STA. TO STA.

FAS RTE.	FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
770	8890	(65,66)RS-5	MADISON	76	70
DRAWING NO. #PLOT_NAME			CONTRACT NO. 76E86		
ILLINOIS RESURFACING					





LEGEND	
	DETECTABLE WARNINGS
	SIDEWALK TRANSITION AREA TO MATCH EXISTING
	DEPRESSED CURB



FILE NAME = D876E86-sht-details-04.dgn  
**CH2MHILL**

USER NAME = jhoffma5  
 DESIGNED - CB  
 DRAWN - JH  
 CHECKED - TN  
 DATE - 6/26/2015

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

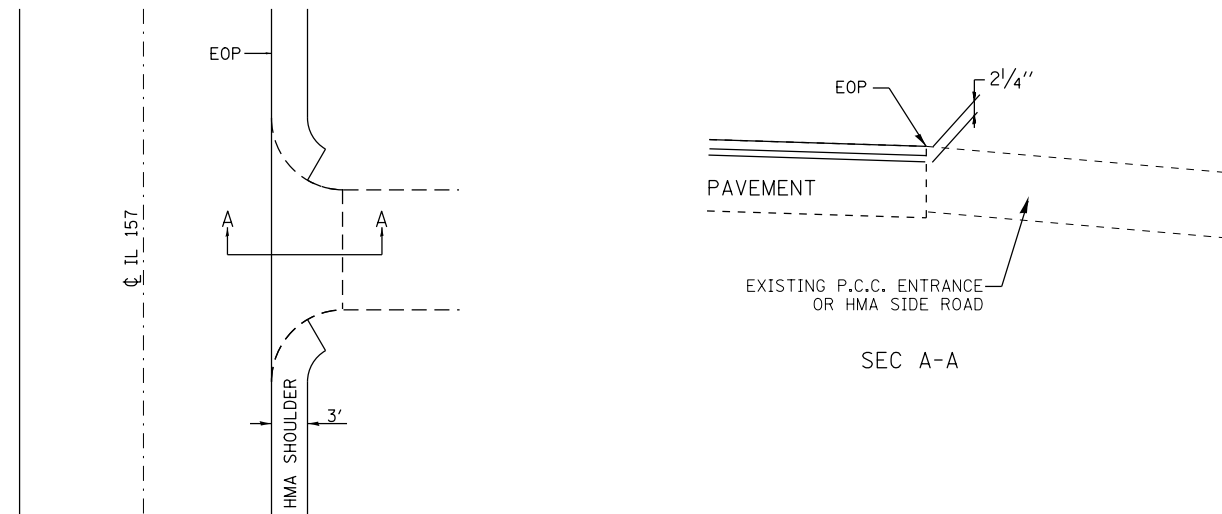
**ADA REMOVAL AND CONSTRUCTION DETAILS  
 IL 157**

SCALE: 1"=5'      SHEET NO. 4 OF 7 SHEETS      STA.      TO STA.

FAS RTE.	FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
770	8890	(65,66)RS-5	MADISON	76	72
DRAWING NO. #PLOT_NAME			CONTRACT NO. 76E86		
ILLINOIS RESURFACING					



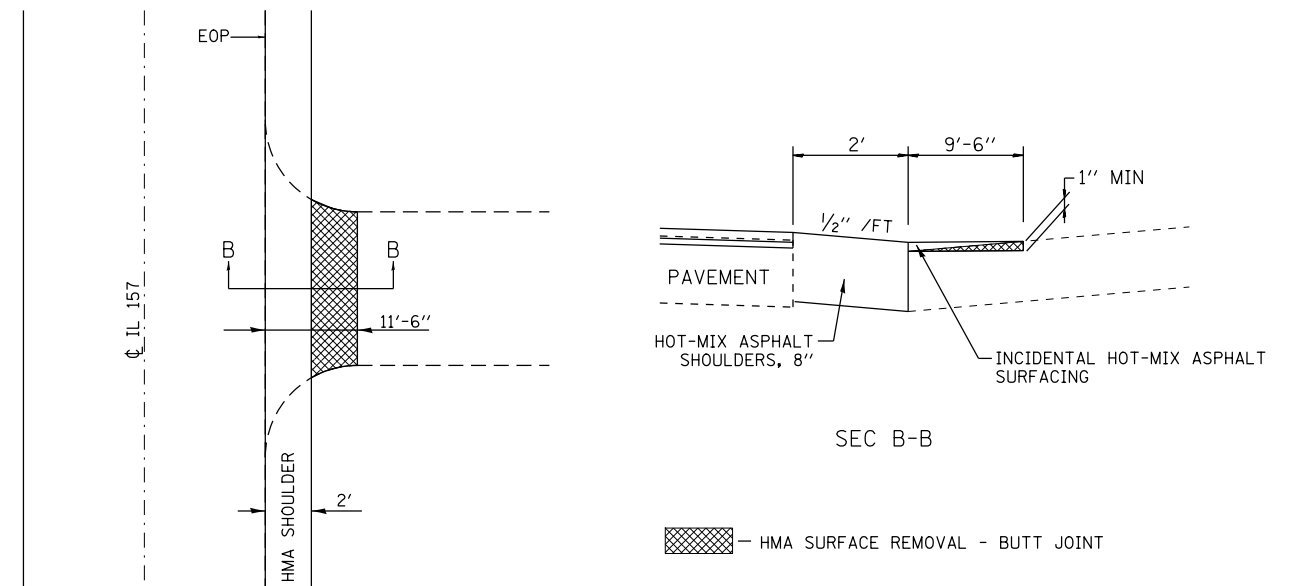
# PROPOSED PCC ENTRANCE/HMA ENTRANCE /HMA SIDE ROAD DETAIL



**NOTES**  
THIS DETAIL APPLIES TO THE AREAS WHERE H.M.A. PAVEMENT IS TO BE MILLED 2 1/4" AND RESURFACED 2 1/4"

NOT TO SCALE

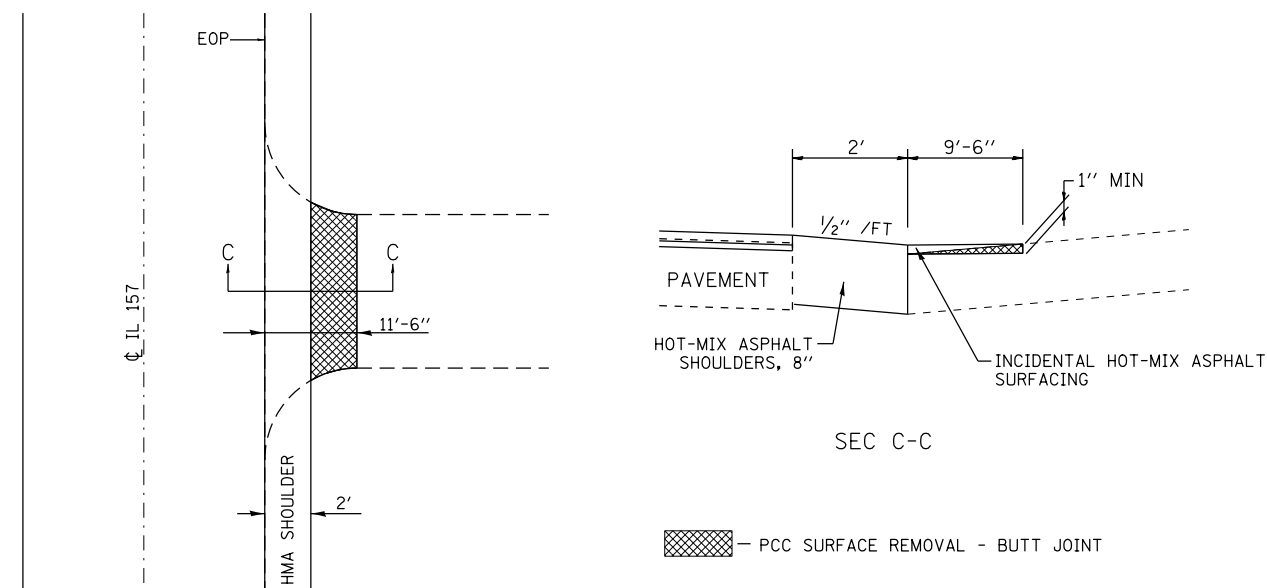
# PROPOSED HMA ENTRANCE/ HMA SIDE ROAD DETAIL



**NOTES**  
THIS DETAIL APPLIES TO THE AREAS WHERE H.M.A. PAVEMENT IS TO BE MILLED 3/4" AND RESURFACED 2 1/4"

NOT TO SCALE

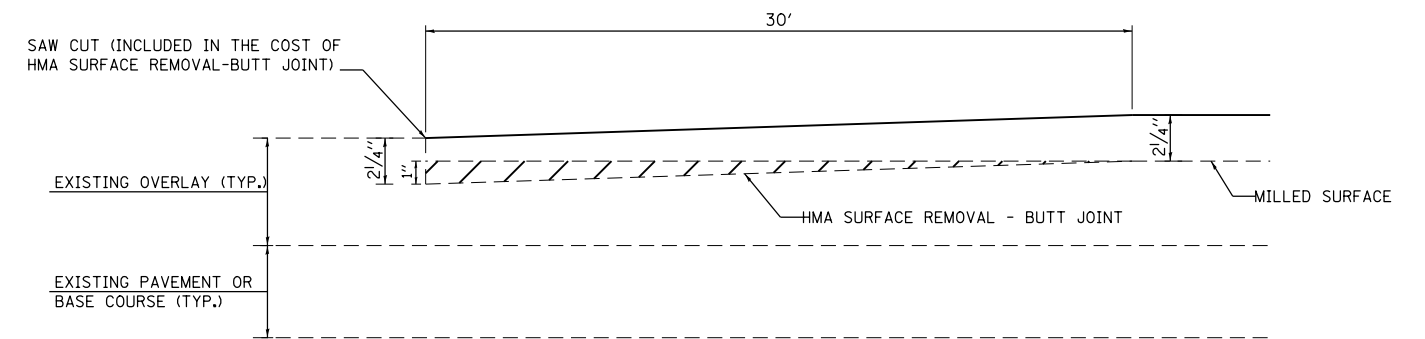
# PROPOSED PCC ENTRANCE/ PCC SIDE ROAD DETAIL



**NOTES**  
THIS DETAIL APPLIES TO THE AREAS WHERE H.M.A. PAVEMENT IS TO BE MILLED 3/4" AND RESURFACED 2 1/4"

NOT TO SCALE

# BUTT JOINT DETAIL



**NOTES**  
THIS DETAIL APPLIES TO BRIDGE APPROACHES AT OMISSION LIMITS.

NOT TO SCALE

FILE NAME =  
D876E86-sht-details-05.dgn  
**CH2MHILL**

USER NAME = jhoffma5  
DRAWN - JH  
CHECKED - TN  
PLOT SCALE = 100.0000' / in.  
PLOT DATE = 6/23/2015

DESIGNED - JH  
DRAWN - JH  
CHECKED - TN  
DATE - 6/26/2015

REVISED -  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

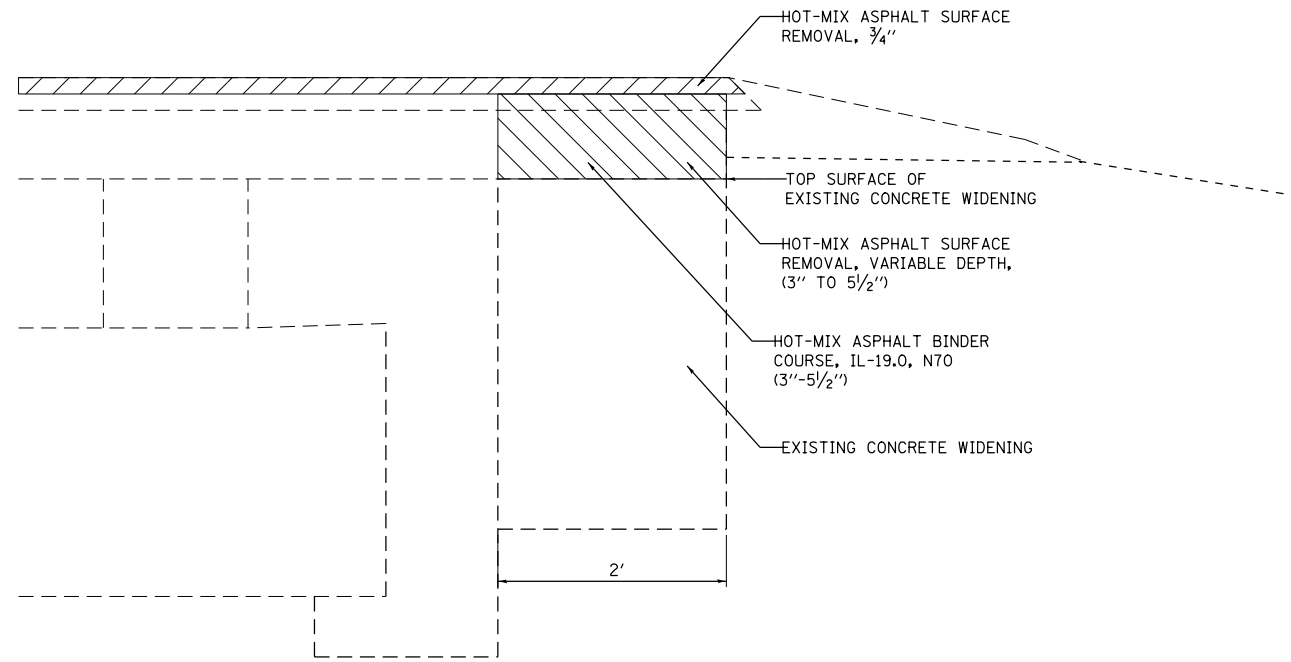
**ROADWAY DETAILS  
IL 157**

SCALE: 1"=50' SHEET NO. 5 OF 7 SHEETS STA. TO STA.

FAS RTE.	FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
770	8890	(65,66)RS-5	MADISON	76	73
					CONTRACT NO. 76E86

ILLINOIS RESURFACING

# HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH) DETAIL



NOT TO SCALE

# HOT-MIX ASPHALT SURFACE TRANSITION DETAIL



NOT TO SCALE

NOT TO SCALE

NOT TO SCALE

FILE NAME = D876E86-sht-details-06.dgn	USER NAME = jhoffm05	DESIGNED - JH	REVISED -
<b>CH2MHILL</b>	PLOT SCALE = 100.0000' / in.	DRAWN - JH	REVISED -
	PLOT DATE = 6/23/2015	CHECKED - TN	REVISED -
		DATE - 6/26/2015	REVISED -

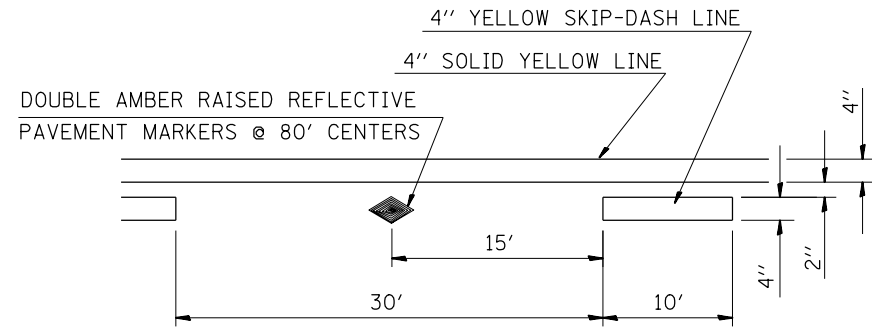
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY DETAILS  
IL 157**

SCALE: 1"=50'      SHEET NO. 6 OF 7 SHEETS      STA.      TO STA.

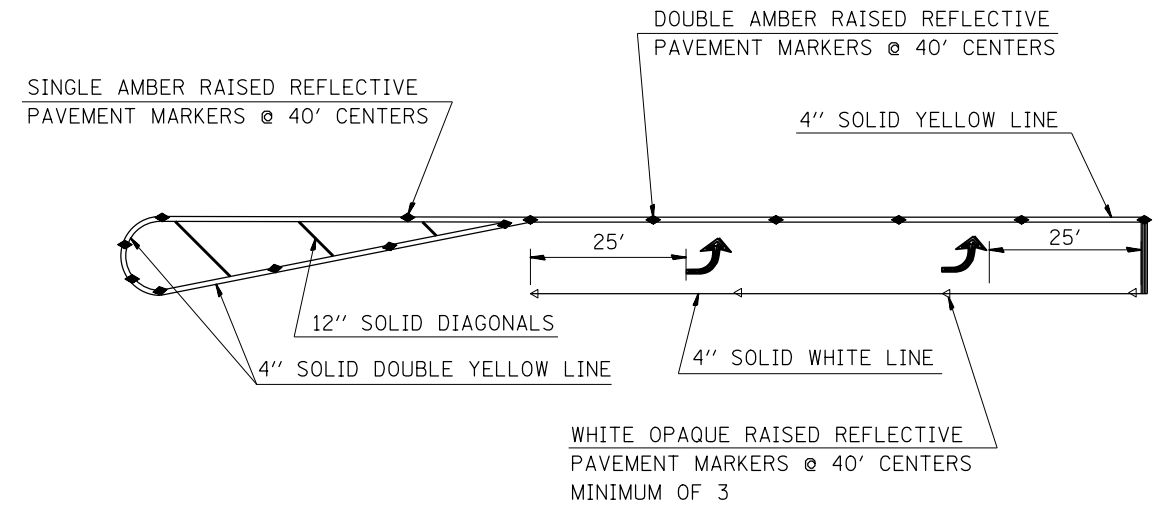
FAS RTE.	FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
770	8890	(65,66)RS-5	MADISON	76	74
					<b>CONTRACT NO. 76E86</b>
ILLINOIS RESURFACING					

TYPICAL APPLICATION FOR SOLID YELLOW AND SKIP-DASH LINES WITH RAISED REFLECTIVE PAVEMENT MARKERS



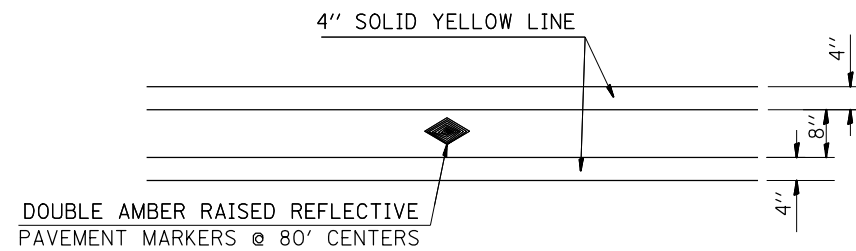
NOT TO SCALE

TYPICAL APPLICATION FOR LEFT TURN LANE WITH RAISED REFLECTIVE PAVEMENT MARKERS



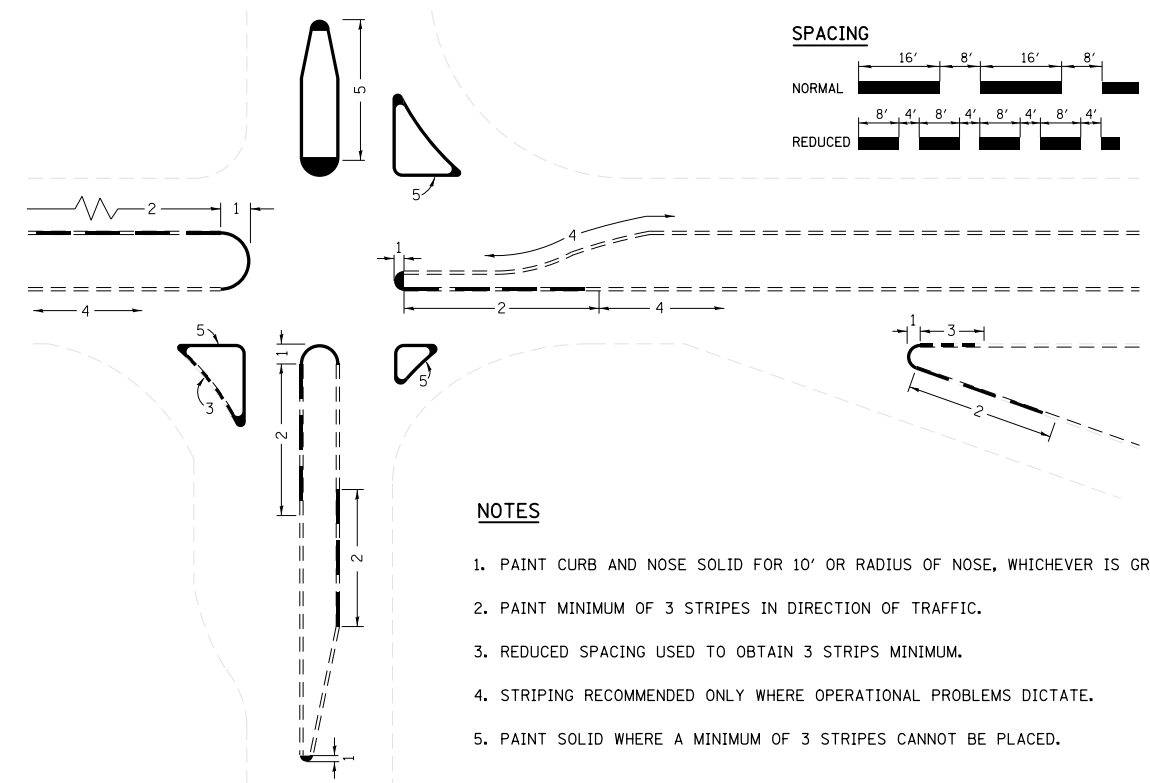
NOT TO SCALE

TYPICAL APPLICATION FOR DOUBLE YELLOW LANE LINES WITH RAISED REFLECTIVE PAVEMENT MARKERS



NOT TO SCALE

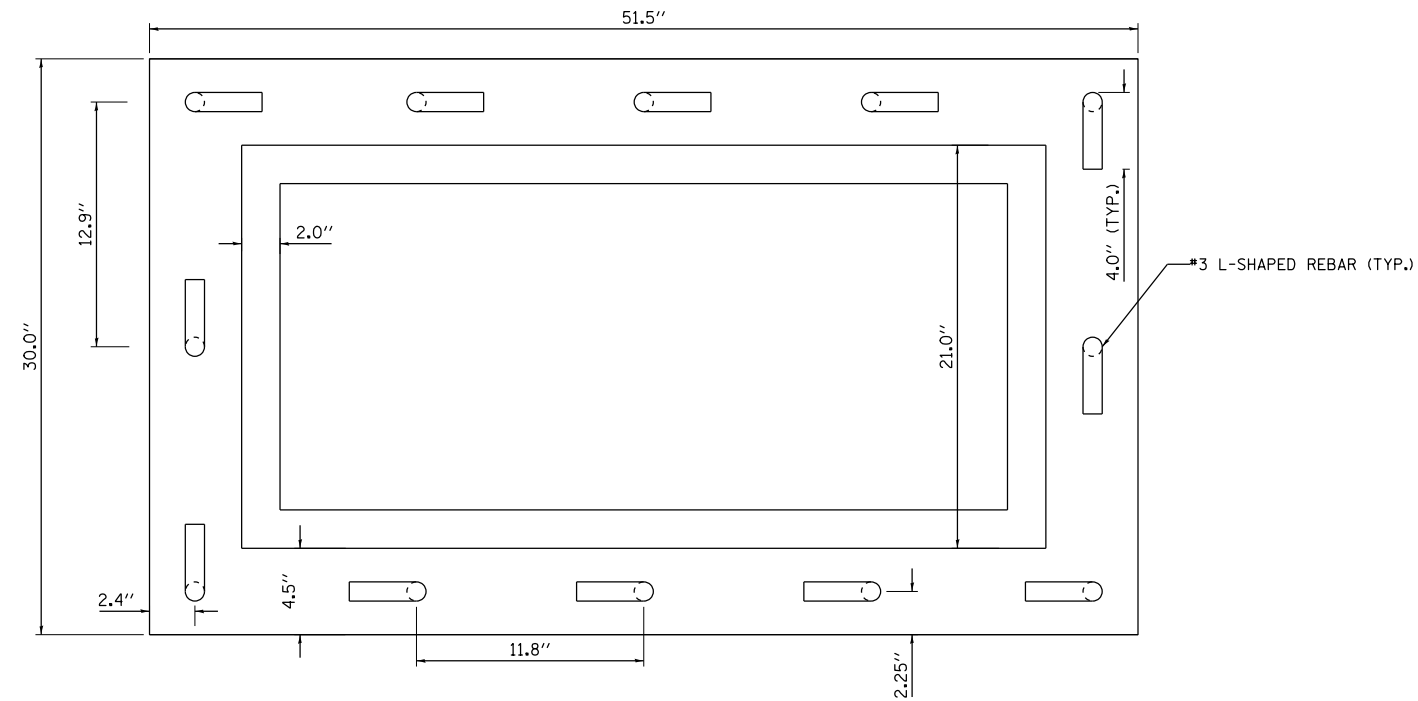
TYPICAL APPLICATION FOR CURB MARKING



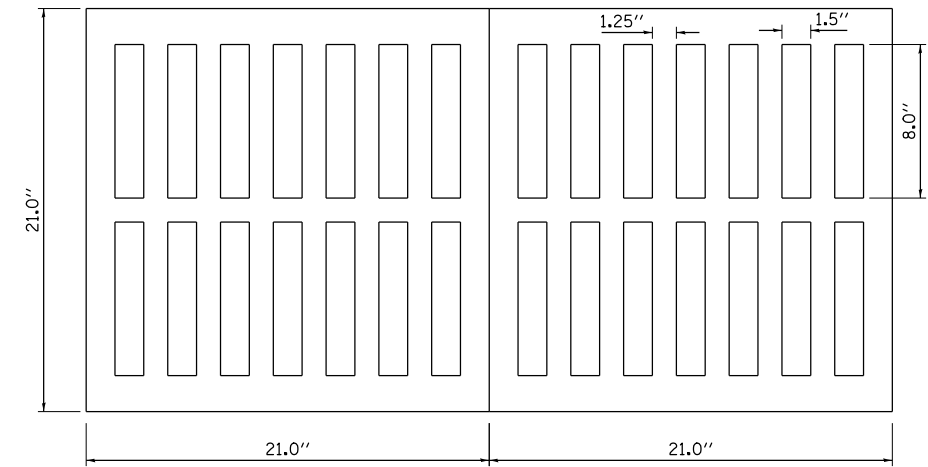
NOTES

1. PAINT CURB AND NOSE SOLID FOR 10' OR RADIUS OF NOSE, WHICHEVER IS GREATER.
2. PAINT MINIMUM OF 3 STRIPES IN DIRECTION OF TRAFFIC.
3. REDUCED SPACING USED TO OBTAIN 3 STRIPS MINIMUM.
4. STRIPING RECOMMENDED ONLY WHERE OPERATIONAL PROBLEMS DICTATE.
5. PAINT SOLID WHERE A MINIMUM OF 3 STRIPES CANNOT BE PLACED.

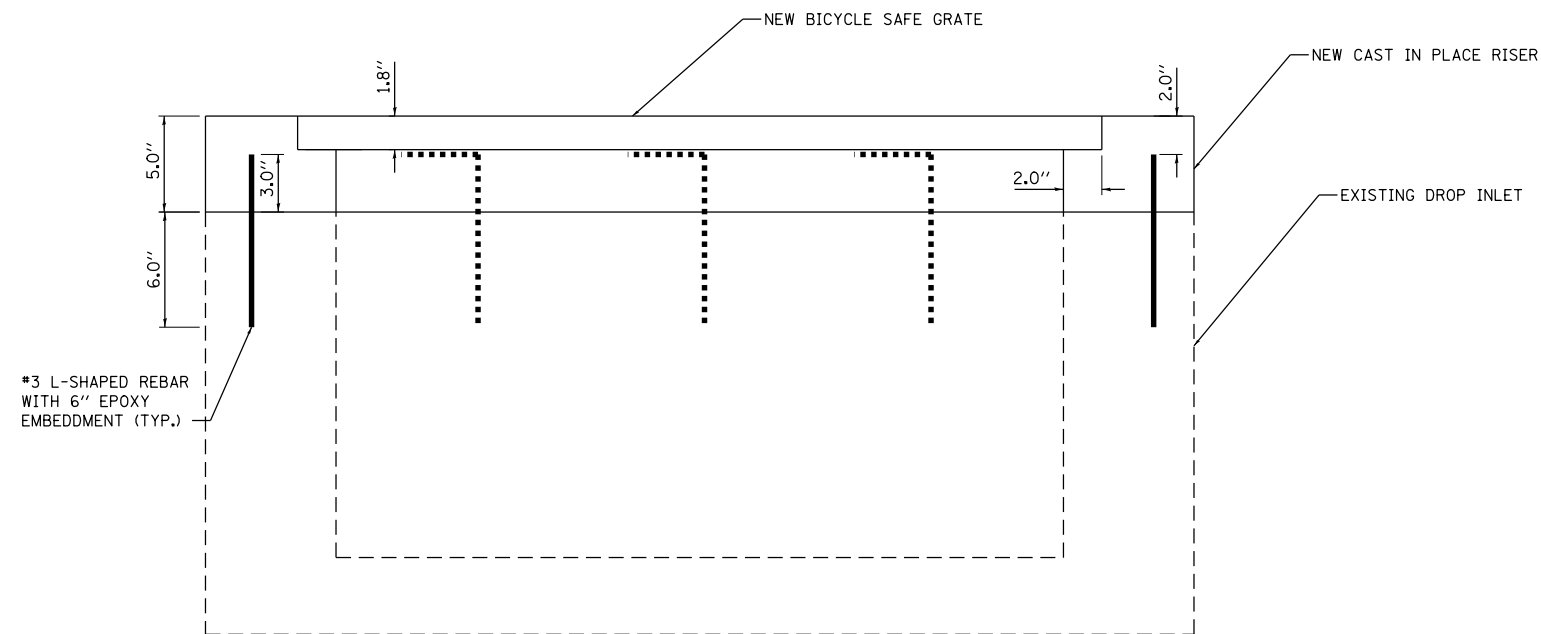
NOT TO SCALE



TOP VIEW



GRATE DETAIL



SECTION VIEW

NOTES:

1. DETAILS APPLY TO EXISTING DROP INLETS LOCATED AT STATION 396+83, APPROXIMATELY 16' LT, AND STATION 397+39, APPROXIMATELY 15' LT.
2. INLETS ADJUST SPECIAL INCLUDES CONCRETE, REINFORCING STEEL, BICYCLE SAFE GRATES, LABOR, AND ALL MATERIALS REQUIRED FOR ADJUSTMENT.