

04-24-2015 LETTING ITEM 068
 FOR INDEX OF SHEETS, SEE SHEET NO. 2
 FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 5 THROUGH 11

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

**PROPOSED
 HIGHWAY PLANS**

F.A.P. 704 (I-55 BUSN., VETERANS PARKWAY)
 SECTION (57-7)I

PROJECT ACNHPP - 0704 (144)

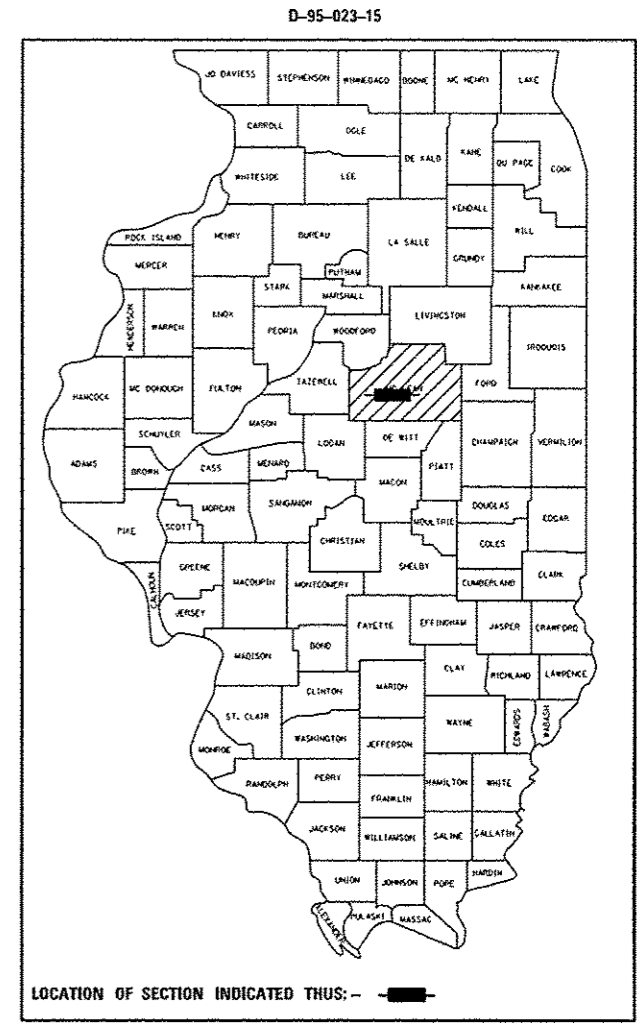
BRIDGE DECK REPAIRS, PATCHING, MEDIAN REPAIR
 SAFETY IMPROVEMENTS, CURB AND GUTTER
 MCLEAN COUNTY

F.A.P. RTE. 704	SECTION (57-7)I	COUNTY McLean	TOTAL SHEETS 180	SHEET NO. 1
ILLINOIS			CONTRACT NO. 70B25	

CURRENT TRAFFIC DATA			
	LEG "A"	LEG "B"	LEG "C"
2015 ADT	14,500	22,500	29,200
P.U. %	93.8	96.7	97.0
S.U. %	3.3	2.0	1.6
M.U. %	2.9	1.3	1.4

LEG "A" IS FROM NORTH OF I-74 TO WEST OF MORRIS AVE.
 LEG "B" IS THE OMISSION SECTION FROM WEST OF MORRIS AVE. TO EAST OF MORRIS AVE.
 LEG "C" IS FROM EAST OF MORRIS AVE. TO COMMERCE PARKWAY.

DESIGN DESIGNATION
 N/A



EXISTING SN 057-0064 AT STA. 74+41.00
 306'-0" B-B ABUTMENTS
 5 SPAN STEEL I-BEAM OVER N&S RR

EXISTING SN 057-0063 AT STA. 48+08.37
 167'-1" B-B ABUTMENTS
 3 SPAN STEEL I-BEAM OVER FAP 730

C-95-023-15
 W OF FOX CREEK RD TO 0.2 MIE OF BUNN ST IN BLOOMINGTON

STATION EQUATION
 STA. 87+41.66 BK. = STA. 87+45.84 AH.

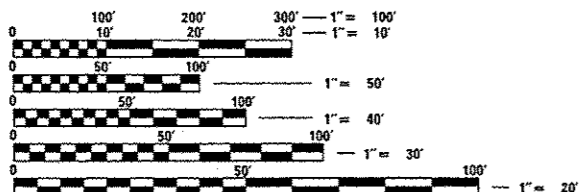
BEGIN PROJECT LEG C:
 STA. 32+26.74 (LEG C EB)
 STA. 32+32.06 (LEG C WB)

STATION EQUATION
 STA. 390+96.85 BK. = STA. 29+96.20 AH.

END PROJECT LEG A:
 STA. 366+35.20 (LEG A EB)
 STA. 366+35.33 (LEG A WB)

STATION EQUATION
 STA. 18+75.00 BK. = STA. 335+55.87 AH.

END PROJECT LEG C:
 STA. 89+40.28 (LEG C EB)
 STA. 89+41.79 (LEG C WB)

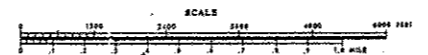
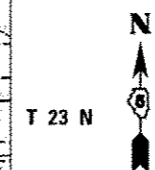
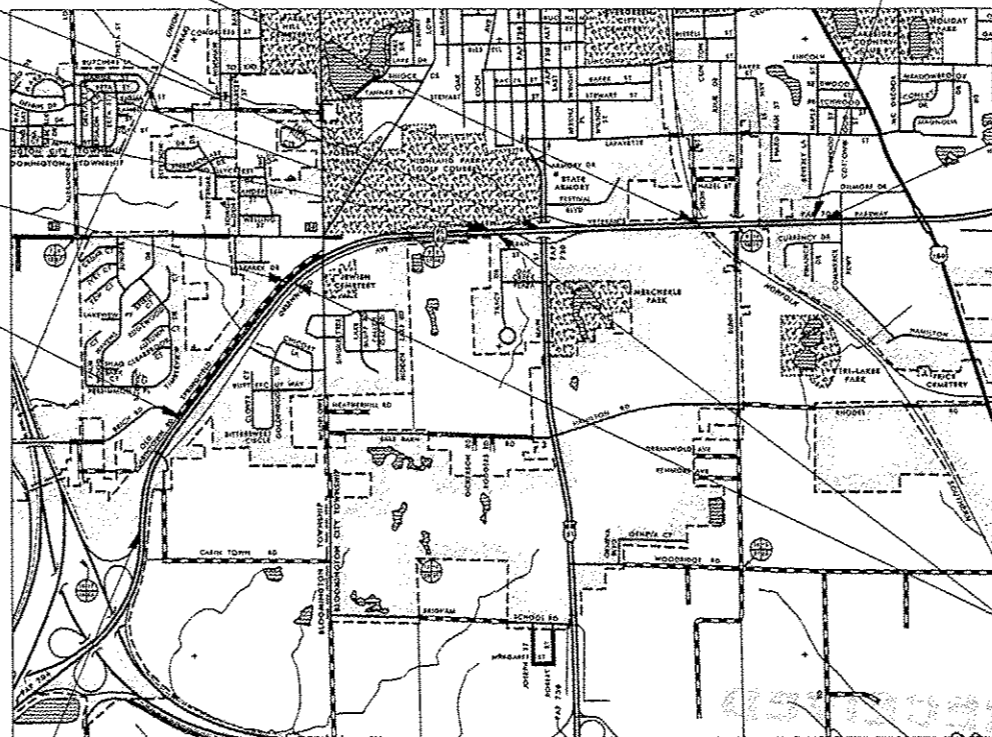


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
 ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
 CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
 ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
 1-800-892-0123
 OR 811 BLOOMINGTON TOWNSHIP

PROJECT ENGINEER: NANCY FASIG
 SQUAD LEADER: BRIAN J. HOGAN
 DESIGNER: BILLY J. MURPHY
 (217) 465-4181
 CONTRACT NO. 70B25

BEGIN PROJECT LEG A:
 STA. 33+30.00 (LEG A EB)
 STA. 29+70.00 (LEG A WB)



GROSS LENGTH = 12,935.88 FT. = 2.450 MILE
 NET LENGTH = 10,243.69 FT. = 1.940 MILE

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED JANUARY 30 20 15
Kensel A. Sarrett
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
Mar 20 20 15
John D. Baranzelli PE
 CHIEF ENGINEER OF DESIGN AND ENVIRONMENT
Mar 20 20 15
Omer Osman PE
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
 OF THE STATE OF ILLINOIS

INDEX OF SHEETS

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99	BARRIER CURB ON EXISTING TYPE E INLET BOX DETAIL		

FILE NAME *	USER NAME * dodgema	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
en:\p\work\p\idoc\dodgema\08421861\057025-ahg-ganno.dgn	25-ahg-ganno.dgn	DRAWN -	REVISED -			704	(57-71)	McLean	180	2	
PLOT SCALE * 40.0000 1/ in.		CHECKED -	REVISED -			CONTRACT NO. 70B25					
PLOT DATE * 1/26/2015		DATE -	REVISED -			SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.

HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
406001-06	ENTRANCE RAMP TERMINAL
406101-05	EXIT RAMP TERMINAL
420001-08	PAVEMENT JOINTS
420101-05	24' (7.2 m) JOINTED PCC PAVEMENT
420701-02	PAVEMENT FABRIC
424001-08	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424031-01	MEDIAN PEDESTRIAN CROSSINGS
442101-07	CLASS B PATCHES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542401-01	METAL END SECTION FOR PIPE CULVERTS
606001-06	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
610001-06	SHOULDER INLET WITH CURB
630001-10	STEEL PLATE BEAM GUARDRAIL
630101-09	GUARDRAIL MOUNTED ON EXISTING CULVERTS

HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
630301-06	SHOULDER WIDENING FOR TYPE 1(SPECIAL) GUARDRAIL TERMINALS
631011-09	TRAFFIC BARRIER TERMINAL, TYPE 2
631026-06	TRAFFIC BARRIER TERMINAL, TYPE 5
631031-13	TRAFFIC BARRIER TERMINAL, TYPE 6
635001-01	DELINEATORS
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
701101-04	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS >= 45 MPH
701422-07	LANE CLOSURE, MULTILANE, FOR SPEEDS >= 45 MPH TO 55 MPH
701426-07	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS >= 45 MPH
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701801-05	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-04	TRAFFIC CONTROL DEVICES

FILE NAME *	USER NAME : dodgema	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LIST OF HIGHWAY STANDARDS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\oxidot\dodgema\08421001\0970	25-shrt-ganno.te.dgn	DRAWN -	REVISED -			704	[57-71]	McLean	180	3	
PLOT SCALE = 48.0000 1 / in.	CHECKED -	REVISED -	SCALE:			SHEET 1	OF 1	SHEETS	STA.	TO STA.	CONTRACT NO. 70B25
PLOT DATE = 1/26/2015	DATE -	REVISED -	ILLINOIS FED. AID PROJECT								

GENERAL NOTES

G.N.-100
ENGLISH UNITS OF MEASUREMENT SHALL GOVERN OVER AND SUPERSEDE ANY METRIC UNITS SHOWN IN THIS CONTRACT. WHERE INCLUDED, METRIC UNITS ARE FOR INFORMATION ONLY.

G.N.-100A
ELECTRONIC FILES AND/OR ELECTRONIC SURVEY INFORMATION INCLUDING CADD FILES WILL NOT BE AVAILABLE TO THE CONTRACTOR.

G.N.-105.07B
EXISTING STATE-OWNED AND MAINTAINED UTILITY LINES ARE SHOWN ON THE PLANS TO INDICATE THEIR PRESENCE AND APPROXIMATE LOCATION. THE CONTRACTOR SHALL SECURE AN APPROVED LOCATING FIRM TO LOCATE STATE-OWNED UTILITIES PRIOR TO COMMENCING ANY EXCAVATION IN THE VICINITY OF THESE LINES IN ACCORDANCE TO SECTION 803 OF THE STANDARD SPECIFICATIONS. SHOULD ANY OF THE LINES BE DAMAGED BY THE CONTRACTOR'S OPERATION, THE CONTRACTOR SHALL REPAIR THEM TO THE SATISFACTION OF THE ENGINEER AT NO COST TO THE STATE.

ALSO THERE MAY BE UTILITIES PRESENT WHICH WERE INSTALLED BY THE STATE BUT ARE MAINTAINED BY OTHERS (CITY, TOWN, ETC.) THE APPROXIMATE LOCATIONS OF THESE LINES ARE ALSO SHOWN ON THE PLANS ALONG WITH THE NAME OF THE MAINTAINING AGENCY. THE CONTRACTOR SHALL COORDINATE THE LOCATION OF THESE LINES WITH THE LOCAL AGENCY PRIOR TO COMMENCING ANY EXCAVATION OR BORING IN THEIR VICINITY. SHOULD THESE LINES BE DAMAGED BY THE CONTRACTOR'S OPERATIONS, THE CONTRACTOR SHALL REPAIR THEM TO THE SATISFACTION OF, AND AT NO COST TO, THE LOCAL AGENCY AND THE STATE.

G.N.-105.09A
ALL ELEVATIONS SHOWN IN THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. (NAVD 88)

G.N.-107.12
THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE LOCAL RAILROAD CONTACT IS:
MS. CRYSTAL FRY
DIVISION OFFICE MANAGER - ILLINOIS DIVISION
NORFOLK SOUTHERN RAILWAY COMPANY
1735 EAST CONDIT STREET
DECATUR, IL. 62521
(217) 425-2078

SPECIAL ATTENTION IS CALLED TO ARTICLE 107.12 REGARDING RAILROAD FLAGGERS. THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE RAILROAD CONTACT PERSON FOR FLAGGERS IS:
MS. CRYSTAL FRY
DIVISION OFFICE MANAGER - ILLINOIS DIVISION
NORFOLK SOUTHERN RAILWAY COMPANY
1735 EAST CONDIT STREET
DECATUR, IL. 62521
(217) 425-2078

SOME RAILROADS REQUIRE CONTRACTORS TO OBTAIN A RIGHT OF ENTRY BEFORE ENTERING UPON RAILROAD RIGHT OF WAY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN A RAILROAD RIGHT OF ENTRY PERMIT IF REQUIRED BY THE RAILROAD(S).

G.N.-107.37
UTILITY LINES WERE PLOTTED FROM INFORMATION FURNISHED BY THE VARIOUS UTILITY COMPANIES INVOLVED (QUALITY LEVEL C &/OR QUALITY LEVEL D) AND THE ACCURACY SHOULD BE CONSIDERED APPROXIMATE ONLY.

UTILITY COMPANIES MAY BE ADJUSTING THEIR FACILITIES DURING CONSTRUCTION. THE CONTRACTOR SHALL COOPERATE WITH THESE ORGANIZATIONS WHILE THESE ADJUSTMENTS ARE BEING PERFORMED. J.U.L.I.E. - JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS SYSTEM (800) 892-0123 OR 811.

G.N.-201
TREES THAT INTERFERE WITH THE CONSTRUCTION OPERATIONS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER. ANY TREE DUE TO ITS LOCATION AND DEEMED SUITABLE FOR SAVING BY THE ENGINEER SHALL BE PROTECTED DURING CLEARING AND SUBSEQUENT CONSTRUCTION OPERATIONS.

G.N.-202
GRADING SHALL BE DONE BY HAND AROUND LIGHT POLES, UTILITY POLES, SIGN POSTS, SHRUBS, TREES OR OTHER NATURAL OR MAN-MADE OBJECTS WHERE SHALLOW FILLS OR CUTS ARE ADJACENT TO THE ITEMS. IT IS THE INTENT THAT THE LIMITS OF CONSTRUCTION BE SUCH AS TO PRESERVE IN THE ORIGINAL STATE AS MUCH AREA OF TEMPORARY EASEMENTS AS POSSIBLE. THE DECISION AS TO ITEMS TO REMAIN IN PLACE SHALL BE AS DIRECTED BY THE ENGINEER.

THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

G.N.-205 - SPL
BENCHING PROCEDURES SHALL BE USED IN AREAS WHERE EXISTING EMBANKMENTS ARE WIDENED. STEPS SHALL BE CUT INTO THE EXISTING EMBANKMENT SLOPES AND SHALL HAVE THE FOLLOWING DIMENSIONS:
HORIZONTAL: 2
VERTICAL: 1

G.N.-250C - SPL
SEEDING, CLASS 7 AND MULCH, METHOD 3 IS INCLUDED IN THIS CONTRACT TO SEED NEW EMBANKMENT DURING TIME PERIODS WHEN PERMANENT SEEDING IS NOT ALLOWED. SOME OR ALL OF THE CLASS 7 SEEDING AND MULCH WILL BE DELETED IF IT IS POSSIBLE TO PLACE PERMANENT SEEDING ON THE EMBANKMENT AT THE TIME OF THEIR COMPLETION.

G.N.-280
TEMPORARY EROSION CONTROL SEEDING IS INCLUDED IN THIS CONTRACT TO SEED DISTURBED EARTH DURING TIME PERIODS WHEN PERMANENT SEEDING IS NOT ALLOWED. SOME OR ALL OF THE TEMPORARY EROSION CONTROL SEEDING WILL BE DELETED IF IT IS POSSIBLE TO PLACE PERMANENT SEEDING ON EARTH AT THE TIME OF THEIR COMPLETION.

G.N.-280A
THE VARIOUS MULCH PAY ITEMS IN THE PLANS INCLUDE QUANTITIES FOR TEMPORARY MULCH FOR EROSION CONTROL. THE TEMPORARY MULCH INCLUDES MAINTENANCE AND REMOVAL IF NECESSARY, PER THE REQUIREMENTS OF ARTICLE 280 OF THE STANDARD SPECIFICATIONS, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. SOME OR ALL OF THE MULCH USED AS TEMPORARY EROSION CONTROL WILL BE DELETED IF IT IS NOT NECESSARY DUE TO ESTABLISHMENT OF PERMANENT SEEDING.

FILE NAME *	USER NAME * dodgema	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\pav\dot\dodgema\02421801\057025-sht-gennote.dgn	25-sht-gennote.dgn	DRAWN -	REVISED -			704	(57-71)	McLean	180	4	
PLOT SCALE * 40.0000 1/ in.		CHECKED -	REVISED -			CONTRACT NO. 70B25					
PLOT DATE * 1/26/2015		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
					SCALE:	SHEET 1 OF 2 SHEETS		STA. TO STA.			

GENERAL NOTES

G.N.-440B

THE EXISTING TIE BARS BETWEEN THE EXISTING PAVEMENT AND EXISTING MEDIANS, GUTTERS AND/OR COMBINATION CURB AND GUTTERS THAT ARE FOUND SUITABLE FOR REUSE SHALL BE CLEANED, STRAIGHTENED AND INCORPORATED INTO THE NEW CONSTRUCTION. ANY EXISTING TIE BARS THAT ARE FOUND UNSUITABLE TO BE INCORPORATED INTO THE PROPOSED CONSTRUCTION DUE TO EXCESSIVE RUSTING OR DISTRESS SHALL BE REMOVED FLUSH WITH THE FACE OF THE EXISTING CONCRETE AND DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.

THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE VARIOUS REMOVAL PAY ITEMS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

G.N.-442B -- PATCHING SCHEDULES

THE PATCHING SCHEDULES INCLUDED IN THE PLANS REPRESENT THE BEST INFORMATION AVAILABLE AT THE TIME OF COMPLETION OF THE PLANS FOR LETTING. VARIATIONS IN LOCATION AND SIZES OF BOTH FULL-DEPTH AND PARTIAL-DEPTH PATCHES MAY OCCUR.

G.N.-542

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

G.N.-542.07

AT LOCATIONS WHERE END SECTIONS ARE SPECIFIED, CAST-IN-PLACE CONCRETE HEADWALLS WILL NOT BE ALLOWED.

G.N.-609

PRIOR TO ROUTING TRAFFIC ONTO THE SHOULDERS AS SHOWN IN THE STAGING PLANS, THE CONTRACTOR SHALL SECURE THE GRATINGS ON SHOULDER INLETS AS DIRECTED BY THE ENGINEER. THIS WORK WILL BE PAID FOR ACCORDING TO ARTICLE 109.04.

G.N.-631

IF THE CONTRACTOR ELECTS TO USE THE ALTERNATE MOUNTING METHOD OF THRU DRILLING THE MOUNTING HOLES FOR THE TRAFFIC BARRIER TERMINALS, TYPE 6, THE HOLES SHALL BE DRILLED USING A CORE DRILL. A HAMMER DRILL WILL NOT BE ALLOWED.

G.N.-667

THE RESIDENT ENGINEER SHALL CONTACT THE PROGRAM DEVELOPMENT CHIEF OF SURVEYS PRIOR TO THE PRE-CONSTRUCTION CONFERENCE FOR INSTRUCTION AS TO SETTING OF TEMPORARY OR PERMANENT TIES FOR CENTERLINE ALIGNMENT CONTROL SURVEY MARKERS (PC'S, PT'S, AND PI'S). PROJECT IMPLEMENTATION PERSONNEL WILL BE RESPONSIBLE FOR LAYOUT OF THESE MARKERS.

G.N.-1004.01

COARSE AGGREGATE GRADATION CA-10 MAY BE USED WHENEVER COARSE AGGREGATE CA-6 IS SPECIFIED IN THE STANDARD SPECIFICATIONS

G.N. SPL.

UNLESS DIRECTLY SPECIFIED IN THE PLAN DOCUMENTS OR DIRECTED OTHERWISE BY THE ENGINEER, THE CONTRACTOR SHALL LAYOUT PROPOSED GUARDRAIL POST LOCATIONS TO AVOID ANY CONFLICT WITH EXISTING OR PROPOSED CROSS ROAD CULVERTS, PIPES, PIPE DRAINS, DRAINAGE STRUCTURES OR OTHER APPURTENANCES. THE COST OF THIS CONSIDERATION TO BE INCLUDED IN THE COST OF THE VARIOUS GUARDRAIL ITEMS INVOLVED WITH NO ADDITIONAL COMPENSATION ALLOWED.

NO COMMITMENTS

FILE NAME =	USER NAME = dodgene	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\p\work\p\dat\dodgene\0421881\0572	25\shs-gammata.dgn	DRAWN -	REVISED -			704	(57-7)	McLean	180	5
SYMBOLNAME#	PLOT SCALE = 48.0000' / 1" =	CHECKED -	REVISED -		SCALE:	SHEET 2 OF 2 SHEETS		STA.	TO STA.	
	PLOT DATE = 1/26/2015	DATE -	REVISED -					ILLINOIS FED. AID PROJECT CONTRACT NO. 70B25		

LOCATION OF WORK: FAP 704 (I-55BUSN/VET'S PKWY) S. N. 057-0063 S. N. 057-0064
 URBAN MULTILANE URBAN MULTILANE URBAN MULTILANE
 OTHER PRINCIPAL ARTERIAL OTHER PRINCIPAL ARTERIAL OTHER PRINCIPAL ARTERIAL
 STA. 33+30 TO STA. 89+41.79 STA. 47+06.97 TO STA. 49+10.79 STA. 72+79.68 TO STA. 75+96.94
 MCLEAN COUNTY MCLEAN COUNTY MCLEAN COUNTY
 FUNDING BREAKOUT: 80% FEDERAL / 20% STATE 80% FEDERAL / 20% STATE 80% FEDERAL / 20% STATE
 CONSTRUCTION TYPE CODE: MODIL 01 0004 MODIL 01 0014 MODIL 02 0014

CODE NO.	ITEM	UNIT	TOTAL QUANTITY		
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	35.0	35.0	0.0
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	25.0	25.0	0.0
20200100	EARTH EXCAVATION	CU YD	210.0	210.0	0.0
20400800	FURNISHED EXCAVATION	CU YD	630.0	630.0	0.0
25000210	SEEDING, CLASS 2A	ACRE	1.25	1.25	0.0
25000350	SEEDING, CLASS 7	ACRE	3.75	3.75	0.0
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	110.0	110.0	0.0
25000500	PHOSPHOROUS FERTILIZER NUTRIENT	POUND	110.0	110.0	0.0
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	110.00	110.00	0.0
25100125	MULCH, METHOD 3	ACRE	3.75	3.75	0.0
25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	5,450.0	5,450.0	0.0
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	720.0	720.0	0.0
28000305	TEMPORARY DITCH CHECKS	FOOT	320.0	320.0	0.0
28000400	PERIMETER EROSION BARRIER	FOOT	3,750.0	3,750.0	0.0

• DENOTES SPECIALTY ITEM

LOCATION OF WORK:	FAP 704 (I-55BUSN/VET'S PKWY)	S. N. 057-0063	S. N. 057-0064
	URBAN MULTILANE	URBAN MULTILANE	URBAN MULTILANE
	OTHER PRINCIPAL ARTERIAL	OTHER PRINCIPAL ARTERIAL	OTHER PRINCIPAL ARTERIAL
	STA. 33+30 TO STA. 89+41.79	STA. 47+06.97 TO STA. 49+10.79	STA. 72+79.68 TO STA. 75+96.94
	MCLEAN COUNTY	MCLEAN COUNTY	MCLEAN COUNTY
FUNDING BREAKOUT:	80% FEDERAL / 20% STATE	80% FEDERAL / 20% STATE	80% FEDERAL / 20% STATE
CONSTRUCTION TYPE CODE:	0004	0014	0014

CODE NO.	ITEM	UNIT	TOTAL QUANTITY		
28000500	INLET AND PIPE PROTECTION	EACH	5.0	5.0	0.0
28100107	STONE RIPRAP, CLASS A4	SQ YD	420.0	420.0	0.0
28200200	FILTER FABRIC	SQ YD	420.0	420.0	0.0
40600990	TEMPORARY RAMP	SQ YD	40.0	40.0	0.0
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	785.0	785.0	0.0
42400800	DETECTABLE WARNINGS	SQ FT	245.0	245.0	0.0
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	30.0	30.0	0.0
44000600	SIDEWALK REMOVAL	SQ FT	785.0	785.0	0.0
44003510	MEDIAN REMOVAL PARTIAL DEPTH	SQ FT	8,540.0	8,540.0	0.0
44004000	PAVED DITCH REMOVAL	FOOT	31.0	31.0	0.0
44004250	PAVED SHOULDER REMOVAL	SQ YD	70.0	70.0	0.0
44200956	CLASS B PATCHES, TYPE II, 9 INCH	SQ YD	620.0	620.0	0.0
44200994	CLASS B PATCHES, TYPE II, 12 INCH	SQ YD	590.0	590.0	0.0
44201015	CLASS B PATCHES, TYPE I, 14 INCH	SQ YD	10.0	10.0	0.0
14					
* DENOTES SPECIALTY ITEM					

LOCATION OF WORK: FAP 704 (I-55BUSN/VET'S PKWY) S. N. 057-0063 S. N. 057-0064
 URBAN MULTILANE URBAN MULTILANE URBAN MULTILANE
 OTHER PRINCIPAL ARTERIAL OTHER PRINCIPAL ARTERIAL OTHER PRINCIPAL ARTERIAL
 STA. 33+30 TO STA. 89+41.79 STA. 47+06.97 TO STA. 49+10.79 STA. 72+79.68 TO STA. 75+96.94
 MCLEAN COUNTY MCLEAN COUNTY MCLEAN COUNTY
 FUNDING BREAKOUT: 80% FEDERAL / 20% STATE 80% FEDERAL / 20% STATE 80% FEDERAL / 20% STATE
 CONSTRUCTION TYPE CODE: 0004 0014 0014

CODE NO.	ITEM	UNIT	TOTAL QUANTITY		
44201019	CLASS B PATCHES, TYPE II, 14 INCH	SQ YD	1,930.0	1,930.0	0.0
44201031	CLASS B PATCHES, TYPE II, 15 INCH	SQ YD	1,630.0	1,630.0	0.0
44201035	CLASS B PATCHES, TYPE III, 15 INCH	SQ YD	40.0	40.0	0.0
44201037	CLASS B PATCHES, TYPE IV, 15 INCH	SQ YD	80.0	80.0	0.0
44201299	DOWEL BARS 1 1/2"	EACH	11,740.0	11,740.0	0.0
44213100	PAVEMENT FABRIC	SQ YD	120.0	120.0	0.0
44213198	TIE BARS 1/2"	EACH	120.0	120.0	0.0
44213200	SAW CUTS	FOOT	29,160.0	29,160.0	0.0
44213204	TIE BARS 3/4"	EACH	30.0	30.0	0.0
50102400	CONCRETE REMOVAL	CU YD	15.4	1.2	7.0
50300255	CONCRETE SUPERSTRUCTURE	CU YD	12.8	0.0	6.2
50300300	PROTECTIVE COAT	SQ YD	39.0	0.0	17.5
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	1,620.0	0.0	820.0
50800515	BAR SPLICERS	EACH	44.0	0.0	28.0
14					

* DENOTES SPECIALTY ITEM

LOCATION OF WORK:	FAP 704 (I-55BUSN/VET'S PKWY)	S. N. 057-0063	S. N. 057-0064
	URBAN MULTILANE	URBAN MULTILANE	URBAN MULTILANE
	OTHER PRINCIPAL ARTERIAL	OTHER PRINCIPAL ARTERIAL	OTHER PRINCIPAL ARTERIAL
	STA. 33+30 TO STA. 89+41.79	STA. 47+06.97 TO STA. 49+10.79	STA. 72+79.68 TO STA. 75+96.94
	MCLEAN COUNTY	MCLEAN COUNTY	MCLEAN COUNTY
FUNDING BREAKOUT:	80% FEDERAL / 20% STATE	80% FEDERAL / 20% STATE	80% FEDERAL / 20% STATE
CONSTRUCTION TYPE CODE:	0004	0014	0014

CODE NO.	ITEM	UNIT	TOTAL QUANTITY		
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	2.0	2.0	0.0
54215547	METAL END SECTIONS 12"	EACH	2.0	2.0	0.0
54248510	CONCRETE COLLAR	CU YD	2.8	2.8	0.0
542A1081	PIPE CULVERTS, CLASS A, TYPE 2 36"	FOOT	16.0	16.0	0.0
54390230	INSERTION CULVERT LINER 36"	FOOT	84.0	84.0	0.0
60100945	PIPE DRAINS 12"	FOOT	50.0	50.0	0.0
60500060	REMOVING INLETS	EACH	3.0	3.0	0.0
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	9.2	9.2	0.0
60600605	CONCRETE CURB, TYPE B	FOOT	5,270.0	5,270.0	0.0
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	30.0	30.0	0.0
60900515	CONCRETE THRUST BLOCKS	EACH	2.0	2.0	0.0
• 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	362.5	362.5	0.0
• 63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	812.5	812.5	0.0
• 63000009	STEEL PLATE BEAM GUARDRAIL, TYPE B, 9 FOOT POSTS	FOOT	4,287.5	4,287.5	0.0
14					
• DENOTES SPECIALTY ITEM					

FILE NAME =	USER NAME = dodgms	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
en\paw\work\paw\dot\dodgms\02421881\057025-sh1-500.dgn	PLOT SCALE = 48.0000' / 1"	DRAWN -	REVISED -					704	(57-7)	McLean	180	9
MODELNAME#	PLOT DATE = 1/26/2015	CHECKED -	REVISED -		SCALE:	SHEET 4	OF 7	SHEETS	STA.	TO STA.	CONTRACT NO. 70B25	
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

LOCATION OF WORK:	FAP 704 (I-55BUSN/VET'S PKWY)	S. N. 057-0063	S. N. 057-0064
	URBAN MULTILANE	URBAN MULTILANE	URBAN MULTILANE
	OTHER PRINCIPAL ARTERIAL	OTHER PRINCIPAL ARTERIAL	OTHER PRINCIPAL ARTERIAL
	STA. 33+30 TO STA. 89+41.79	STA. 47+06.97 TO STA. 49+10.79	STA. 72+79.68 TO STA. 75+96.94
	MCLEAN COUNTY	MCLEAN COUNTY	MCLEAN COUNTY
FUNDING BREAKOUT:	80% FEDERAL / 20% STATE	80% FEDERAL / 20% STATE	80% FEDERAL / 20% STATE
CONSTRUCTION TYPE CODE:	0004	0014	0014

CODE NO.	ITEM	UNIT	TOTAL QUANTITY			
* 63000025	STEEL PLATE BEAM GUARDRAIL, ATTACHED TO STRUCTURES	FOOT	25.0	25.0	0.0	0.0
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	4.0	4.0	0.0	0.0
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	5.0	5.0	0.0	0.0
* 63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	1.0	1.0	0.0	0.0
63200310	GUARDRAIL REMOVAL	FOOT	5,780.0	5,780.0	0.0	0.0
66201120	CONCRETE SHOULDER CURB	FOOT	10.0	10.0	0.0	0.0
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	9.0	5.0	2.0	2.0
67100100	MOBILIZATION	L SUM	1.0	0.8	0.1	0.1
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	40.0	28.0	6.0	6.0
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	40.0	40.0	0.0	0.0
* 78200530	BARRIER WALL MARKERS, TYPE C	EACH	2.0	0.0	0.0	2.0
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	6.0	6.0	0.0	0.0
X0323586	PIPE DRAIN REMOVAL	FOOT	60.0	60.0	0.0	0.0
X4402400	CURB REMOVAL (SPECIAL)	FOOT	4,150.0	4,150.0	0.0	0.0
<p>14</p> <p>* DENOTES SPECIALTY ITEM</p>						

LOCATION OF WORK:	FAP 704 (I-55BUSN/VET'S PKWY)	S. N. 057-0063	S. N. 057-0064
	URBAN MULTILANE	URBAN MULTILANE	URBAN MULTILANE
	OTHER PRINCIPAL ARTERIAL	OTHER PRINCIPAL ARTERIAL	OTHER PRINCIPAL ARTERIAL
	STA. 33+30 TO STA. 89+41.79	STA. 47+06.97 TO STA. 49+10.79	STA. 72+79.68 TO STA. 75+96.94
	MCLEAN COUNTY	MCLEAN COUNTY	MCLEAN COUNTY
FUNDING BREAKOUT:	80% FEDERAL / 20% STATE	80% FEDERAL / 20% STATE	80% FEDERAL / 20% STATE
CONSTRUCTION TYPE CODE:	0004	0014	0014

CODE NO.	ITEM	UNIT	TOTAL QUANTITY		
X4403300	CONCRETE MEDIAN REMOVAL	SQ FT	8,690.0	8,690.0	0.0
X6061702	CONCRETE MEDIAN, TYPE SM (DOWELLED)	SQ FT	17,230.0	17,230.0	0.0
X6100120	TYPE E INLET BOX, STANDARD 610001 (SPECIAL)	EACH	1.0	1.0	0.0
▪ X6310179	TRAFFIC BARRIER TERMINAL, TYPE 5 (SPECIAL)	EACH	2.0	2.0	0.0
▪ X6310214	TRAFFIC BARRIER TERMINAL, TYPE 6 (SPECIAL)	EACH	4.0	4.0	0.0
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1.0	0.8	0.1
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	70.0	0.0	35.0
XZ193400	SURVEY MARKER, TYPE 2 (SPECIAL)	EACH	4.0	4.0	0.0
Z0001800	APPROACH SLAB REPAIR (PARTIAL DEPTH)	SQ YD	18.0	0.0	5.8
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	379.4	0.0	379.4
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.0	0.8	0.1
Z0021907	SILICONE JOINT SEALER, 1.75"	FOOT	58.0	0.0	58.0
Z0021912	SILICONE JOINT SEALER, 2.5"	FOOT	139.0	0.0	0.0
Z0021914	SILICONE JOINT SEALER, 2.75"	FOOT	58.0	0.0	58.0

• DENOTES SPECIALTY ITEM

LOCATION OF WORK:

FAP 704 (I-55BUSN/VET'S PKWY)

S. N. 057-0063

S. N. 057-0064

URBAN MULTILANE

URBAN MULTILANE

URBAN MULTILANE

OTHER PRINCIPAL ARTERIAL

OTHER PRINCIPAL ARTERIAL

OTHER PRINCIPAL ARTERIAL

STA. 33+30 TO STA. 89+41.79

STA. 47+06.97 TO STA. 49+10.79

STA. 72+79.68 TO STA. 75+96.94

MCLEAN COUNTY

MCLEAN COUNTY

MCLEAN COUNTY

FUNDING BREAKOUT:

80% FEDERAL / 20% STATE

80% FEDERAL / 20% STATE

80% FEDERAL / 20% STATE

CONSTRUCTION TYPE CODE:

0004

0014

0014

015 1 1/2

CODE NO.	ITEM	UNIT	TOTAL QUANTITY			
Z0041895	POLYMER CONCRETE	CU FT	31.3	0.0	17.1	14.2
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1.0	0.0	0.0	1.0
φ Z0076600	TRAINEES	HOUR	500	500		
φ Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	500		

* DENOTES SPECIALTY ITEM φ 0042

FILE NAME :	USER NAME :	DESIGNED :	REVISED :
e:\pwork\pwork\dodgers\ad042188\0570225-shs-500.dgn	dodgers	-	-
	PLT SCALE :	CHECKED :	REVISED :
	48,2000' / in.	-	-
MODEL NAME :	PLT DATE :	DATE :	REVISED :
	1/26/2010	-	-

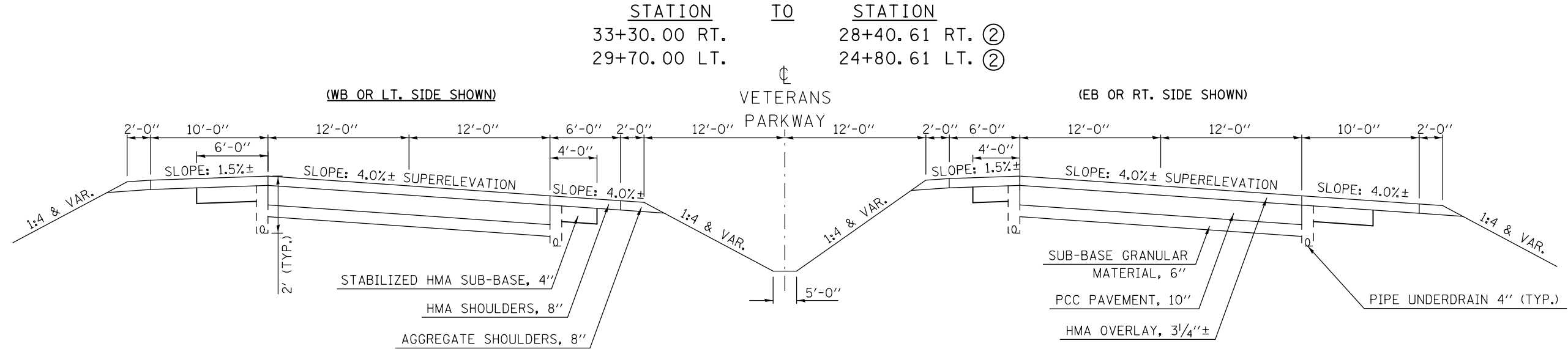
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 7 OF 7 SHEETS STA. TO STA.

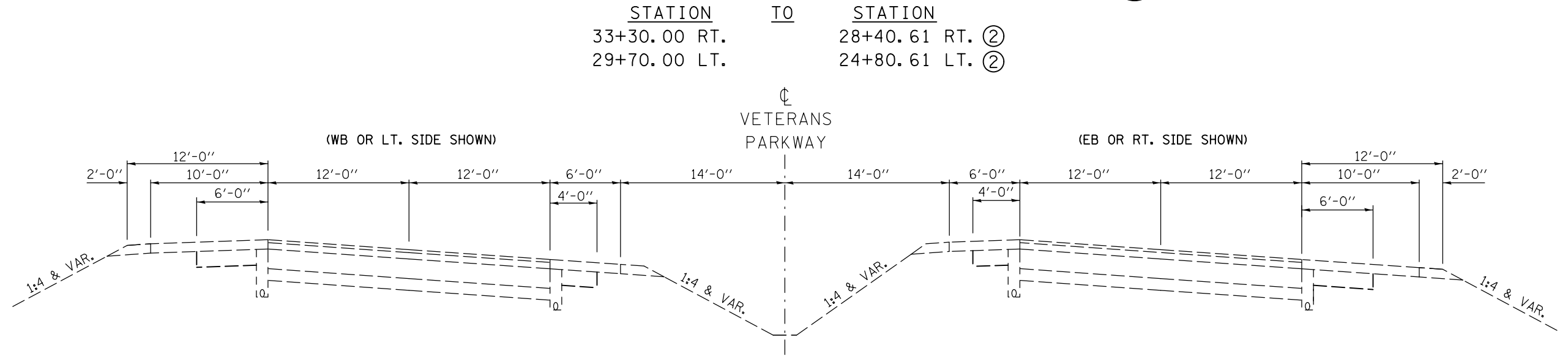
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)1	McLean	180	12
CONTRACT NO. 70B25			ILLINOIS FED. AID PROJECT	

EXISTING TYPICAL CROSS SECTION ①



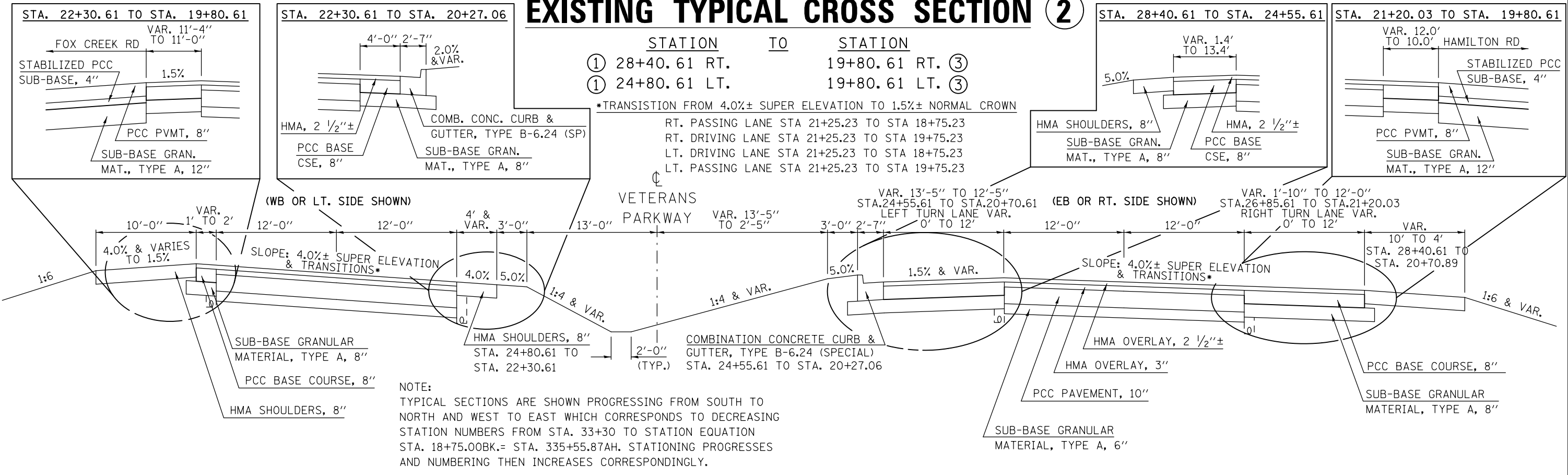
NOTE:
 TYPICAL SECTIONS ARE SHOWN PROGRESSING FROM SOUTH TO NORTH AND WEST TO EAST WHICH CORRESPONDS TO DECREASING STATION NUMBERS FROM STA. 33+30 TO STATION EQUATION STA. 18+75.00BK.= STA. 335+55.87AH. STATIONING PROGRESSES AND NUMBERING THEN INCREASES CORRESPONDINGLY.

PROPOSED TYPICAL CROSS SECTION ①



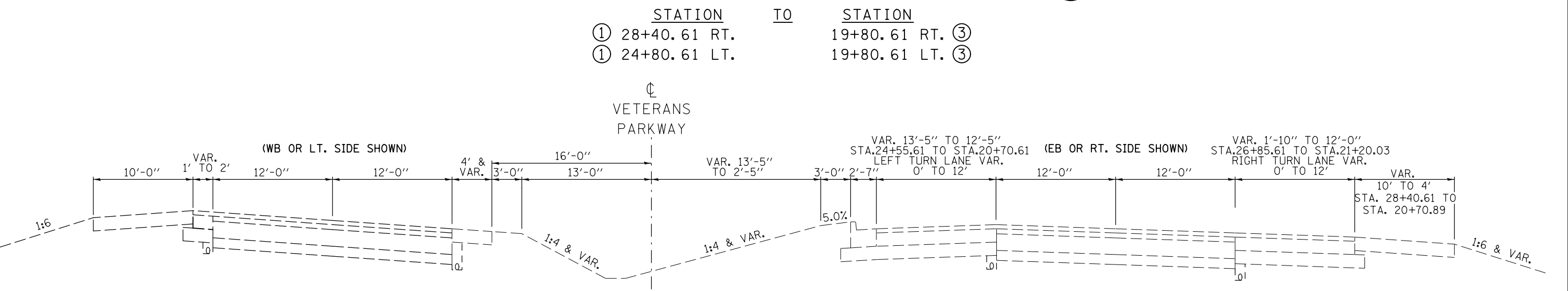
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et:\pw\work\p\dot\dodgms\d0421881\0570225-sh-t-Typcra1s.dgn		DRAWN -	REVISED -		704	(57-7)I	McLean	180	13			
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -		CONTRACT NO. 70B25							
PLOT DATE = 1/26/2015		DATE -	REVISED -		SCALE:	SHEET NO. 1 OF 12 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			

EXISTING TYPICAL CROSS SECTION 2



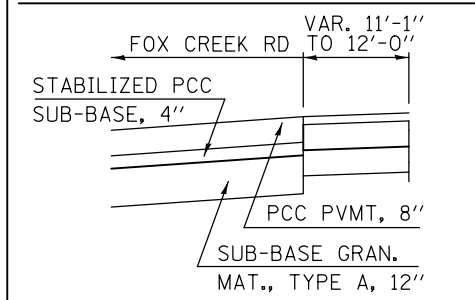
NOTE:
 TYPICAL SECTIONS ARE SHOWN PROGRESSING FROM SOUTH TO NORTH AND WEST TO EAST WHICH CORRESPONDS TO DECREASING STATION NUMBERS FROM STA. 33+30 TO STATION EQUATION STA. 18+75.00BK.= STA. 335+55.87AH. STATIONING PROGRESSES AND NUMBERING THEN INCREASES CORRESPONDINGLY.

PROPOSED TYPICAL CROSS SECTION 2

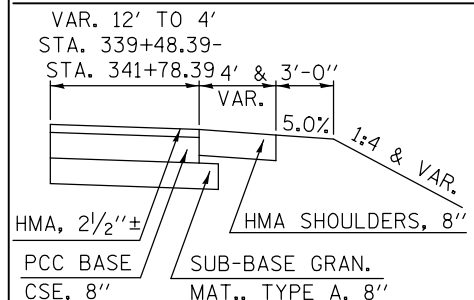


FILE NAME =	USER NAME = dodgms	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = 1/26/2015	DATE -	CHECKED -	REVISED -		CONTRACT NO. 70B25			ILLINOIS FED. AID PROJECT			
		DATE -	REVISED -		SCALE:	SHEET NO. 2 OF 12 SHEETS	STA.	TO STA.			

STA. 19+80.61 TO STA. 335+81.79



STA. 339+48.39 TO STA. 341+72.85

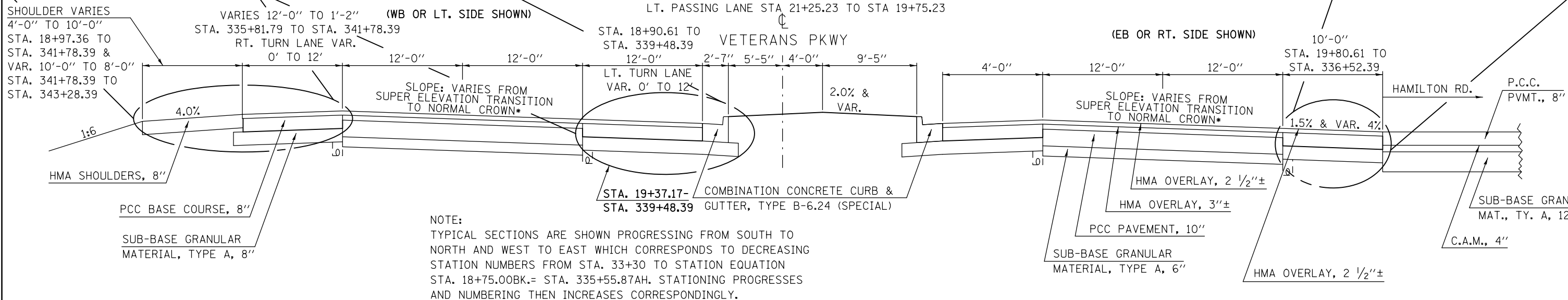
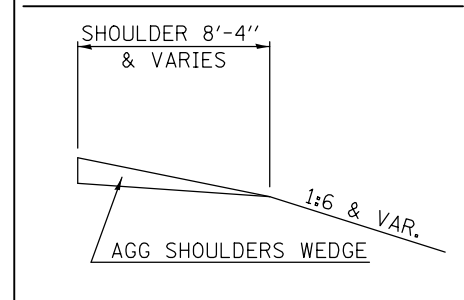


EXISTING TYPICAL CROSS SECTION 3

STATION TO STATION
 ② 19+80.61 RT. 337+82.39 RT. ④
 ② 19+80.61 LT. 341+72.85 LT. ④
 STA. EQUATION: STA. 18+75.00 BK = STA. 335+55.87 AH
 *TRANSITION FROM 4.0%± SUPER ELEVATION TO 1.5%± NORMAL CROWN

RT. PASSING LANE STA 21+25.23 TO STA 18+75.23
 RT. DRIVING LANE STA 21+25.23 TO STA 19+75.23
 LT. DRIVING LANE STA 21+25.23 TO STA 18+75.23
 LT. PASSING LANE STA 21+25.23 TO STA 19+75.23

STA. 336+52.39 TO STA. 338+02.39

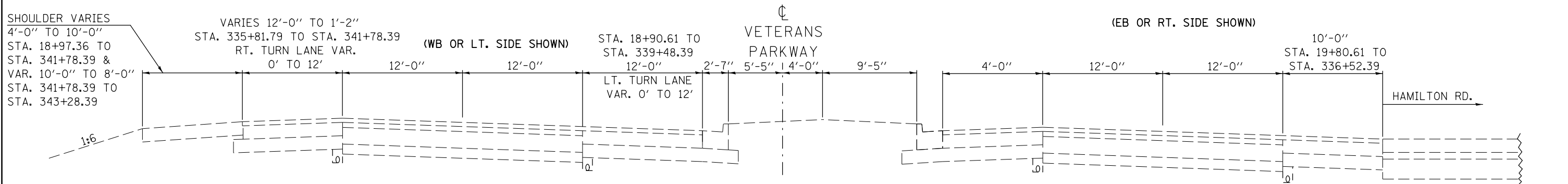


NOTE:
 TYPICAL SECTIONS ARE SHOWN PROGRESSING FROM SOUTH TO NORTH AND WEST TO EAST WHICH CORRESPONDS TO DECREASING STATION NUMBERS FROM STA. 33+30 TO STATION EQUATION STA. 18+75.00BK.= STA. 335+55.87AH. STATIONING PROGRESSES AND NUMBERING THEN INCREASES CORRESPONDINGLY.

PROPOSED TYPICAL CROSS SECTION 3

STATION TO STATION
 ② 19+80.61 RT. 337+82.39 RT. ④
 ② 19+80.61 LT. 341+72.85 LT. ④

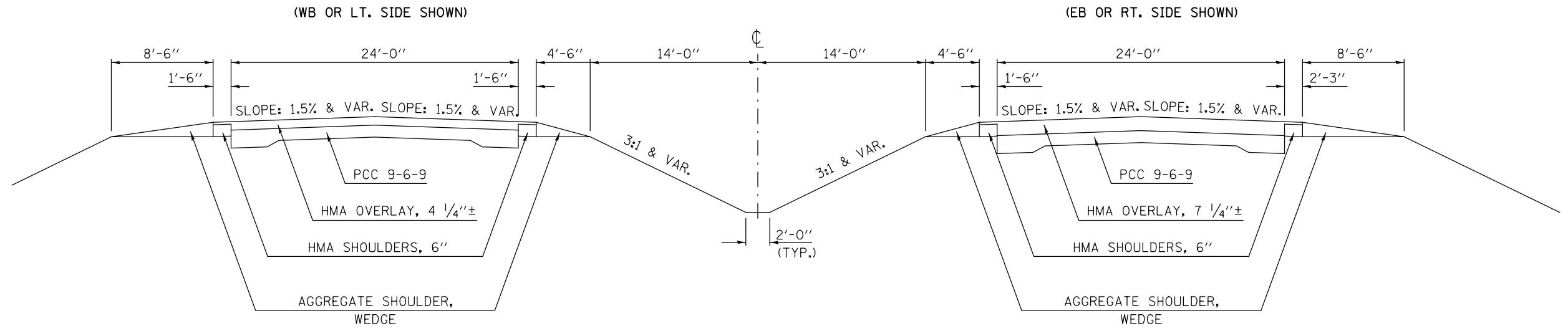
STA. EQUATION: STA. 18+75.00 BK = STA. 335+55.87 AH



FILE NAME =	USER NAME = dodgms	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\dodgms\d0421881\0570225-sh-t-typcals.dgn		DRAWN -	REVISED -		704	(57-7)I	McLean	180	15			
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -		SCALE: SHEET NO. 3 OF 12 SHEETS STA. TO STA.			CONTRACT NO. 70B25				
PLOT DATE = 1/26/2015		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

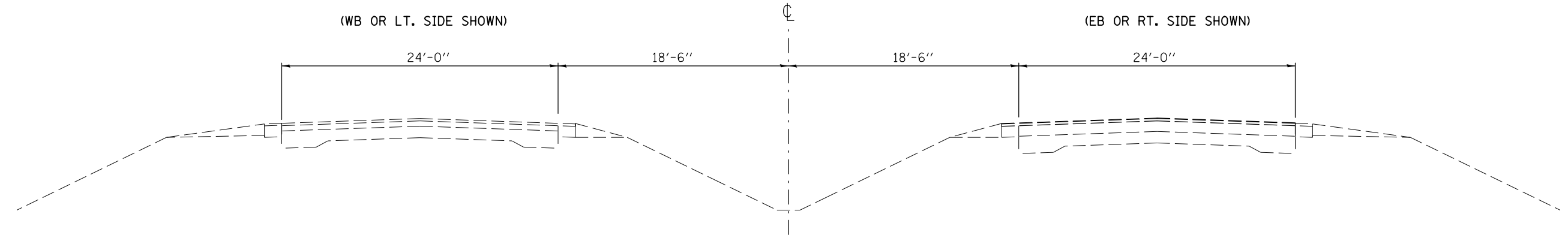
EXISTING TYPICAL CROSS SECTION ④

STATION TO STATION
 ③ 337+82.39 RT. 361+10.00 RT. ⑤
 ③ 341+72.85 LT. 361+10.00 LT. ⑤



PROPOSED TYPICAL CROSS SECTION ④

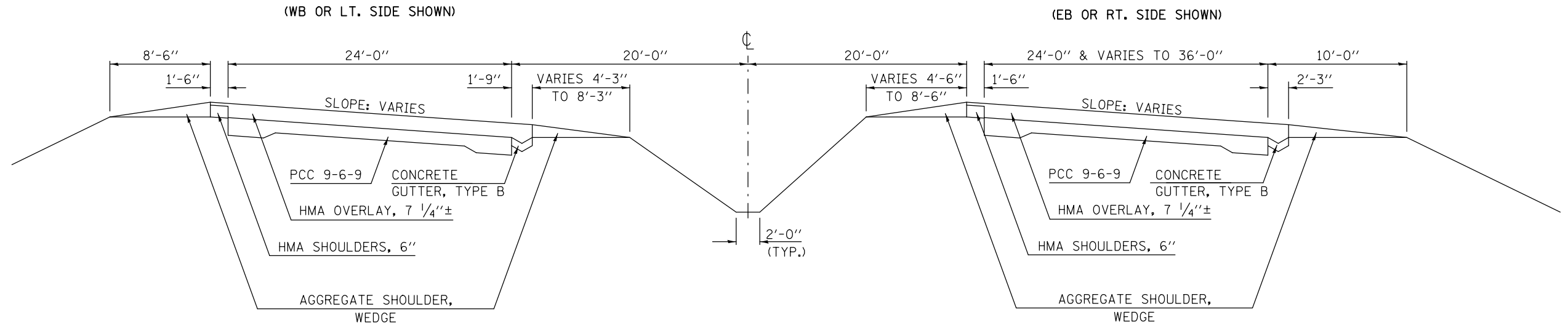
STATION TO STATION
 ③ 337+82.39 RT. 361+10.00 RT. ⑤
 ③ 341+72.85 LT. 361+10.00 LT. ⑤



FILE NAME =	USER NAME = dodgems	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\dot\dodgems\d0421881\0570025-sh-t-Typcra1s.dgn		DRAWN -	REVISED -			704	(57-7)I	McLean	180	16
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -							
	PLOT DATE = 1/26/2015	DATE -	REVISED -							
						SCALE:	SHEET NO. 4 OF 12 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT
						CONTRACT NO. 70B25				

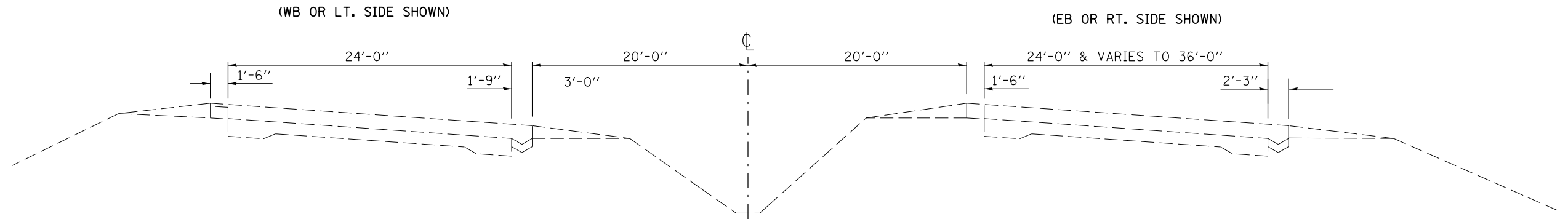
EXISTING TYPICAL CROSS SECTION 5

STATION TO STATION
 ④ 361+10.00 RT. 366+35.20 RT.
 ④ 361+10.00 LT. 366+35.33 LT.

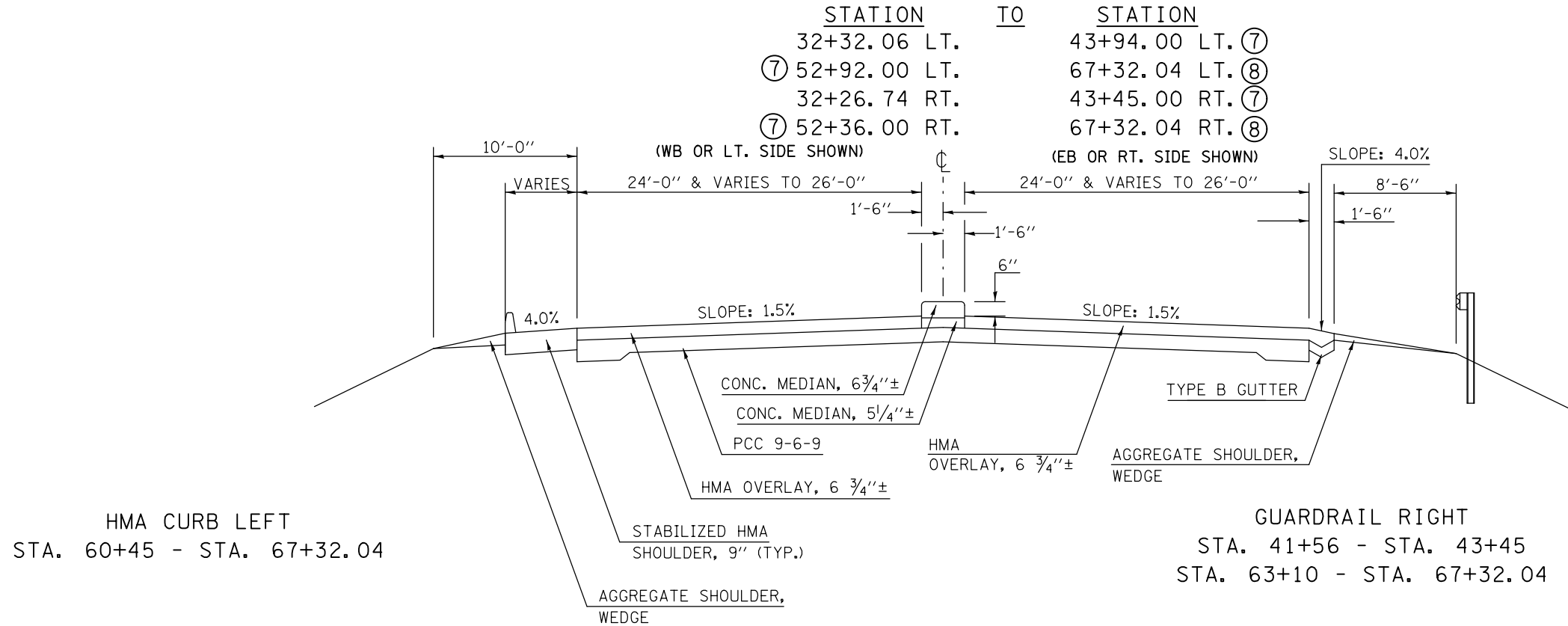


PROPOSED TYPICAL CROSS SECTION 5

STATION TO STATION
 ④ 361+10.00 RT. 366+35.20 RT.
 ④ 361+10.00 LT. 366+35.33 LT.



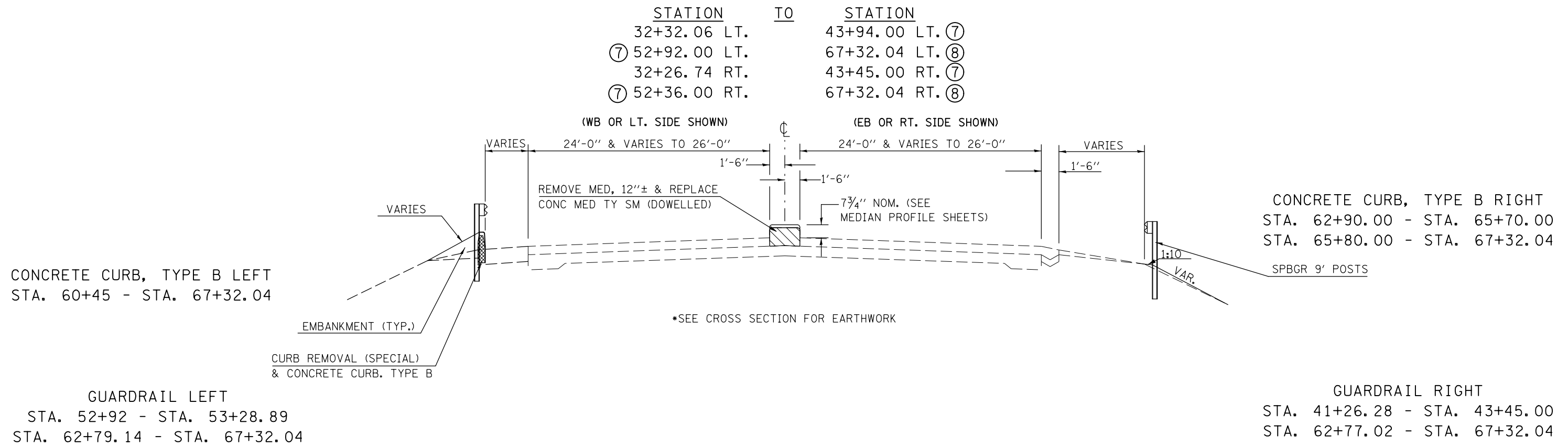
EXISTING TYPICAL CROSS SECTION ⑥



STABILIZED HMA SHOULDER TABLE

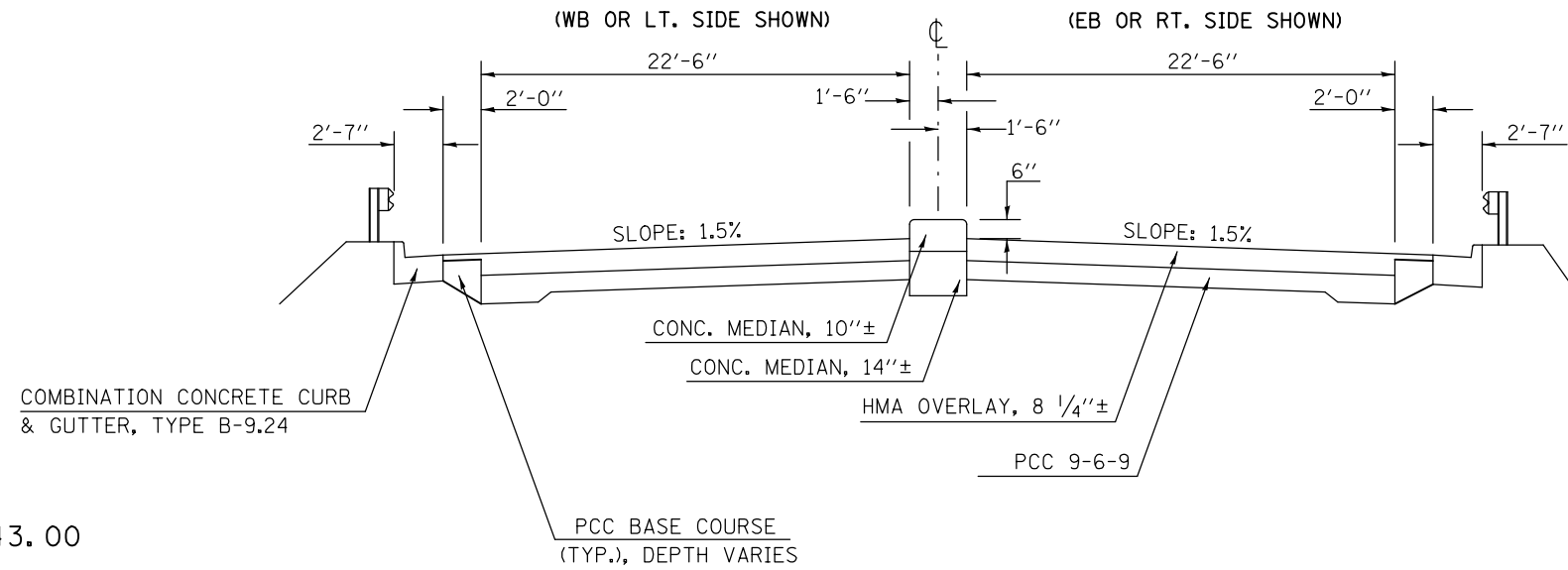
LOCATION:	STA.	TO	STA.	OFFSET	WIDTH (')
I-55 BUS.	29+93		33+93.5	Rt.	6
	40+76		41+38	Rt.	4
	42+00		43+40	Lt.	4
	53+00		55+25	Rt.	4
	66+12		66+96	Rt.	6 & Varies
NW RAMP	11+08		11+13	Lt.	Varies
	11+13		16+20.43	Lt.	4
	16+20.43		17+50.68	Lt.	Varies
	11+33		11+59	Rt.	Varies
	11+59		25+24	Rt.	6
NE RAMP	25+24		29+93 I-55 (Bus.)	Rt.	6
	10+00		21+17	Rt.	6
	21+17		21+42	Rt.	Varies
	15+30		16+62.40	Lt.	Varies
SE RAMP	16+62.40		21+96	Lt.	4
	21+96		22+02.5	Lt.	Varies
	10+99		11+06	Lt.	Varies
	11+06		17+84.25	Lt.	4
SW RAMP	17+84.25		19+15.00	Lt.	Varies
	11+34		11+60	Rt.	Varies
	11+60		28+64.95	Rt.	6
	10+00		11+76	Rt.	6
	11+76		16+24	Rt.	6
	16+24		22+20	Rt.	6
	22+20		22+47	Rt.	Varies
15+30		16+62.40	Lt.	Varies	
	16+62.40		23+13	Lt.	4
	23+13		23+18	Lt.	Varies

PROPOSED TYPICAL CROSS SECTION ⑥



EXISTING TYPICAL CROSS SECTION 7

STATION TO STATION
 ⑥ 43+94.00 LT. 47+06.97 LT. BRIDGE OMISSION
 BRIDGE OMISSION 49+10.79 LT. 52+92.00 LT. ⑥
 ⑥ 43+45.00 RT. 47+06.97 RT. BRIDGE OMISSION
 BRIDGE OMISSION 49+10.79 RT. 52+36.00 RT. ⑥



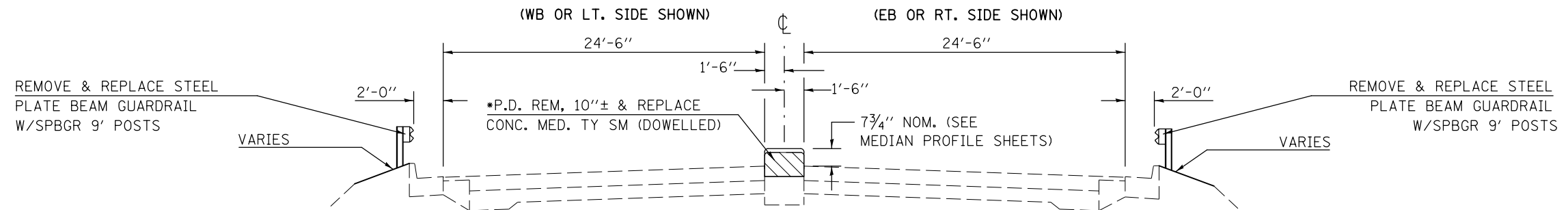
GUARDRAIL LEFT
 STA. 49+10.79 - STA. 52+43.00

GUARDRAIL RIGHT
 STA. 43+45.00 - STA. 47+06.97

*PARTIAL DEPTH REMOVAL SHALL INCLUDE THE ENTIRE TOP LAYER OF THE EXISTING CONCRETE MEDIAN.

PROPOSED TYPICAL CROSS SECTION 7

STATION TO STATION
 ⑥ 43+94.00 LT. 47+06.97 LT. BRIDGE OMISSION
 BRIDGE OMISSION 49+10.79 LT. 52+92.00 LT. ⑥
 ⑥ 43+45.00 RT. 47+06.97 RT. BRIDGE OMISSION
 BRIDGE OMISSION 49+10.79 RT. 52+36.00 RT. ⑥



GUARDRAIL LEFT
 STA. 49+08.24 - STA. 52+92.00

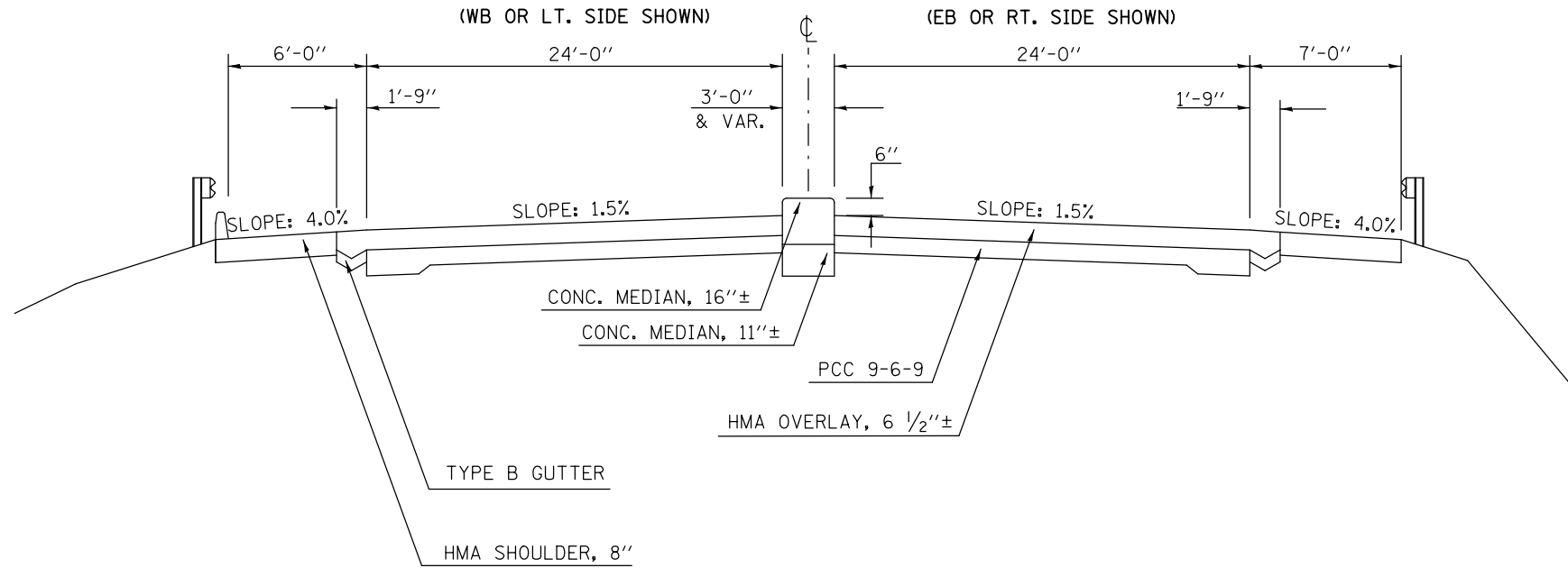
*SEE CROSS SECTION FOR EARTHWORK

GUARDRAIL RIGHT
 STA. 43+45.00 - STA. 47+09.32

FILE NAME =	USER NAME = dodgems	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pwork\pwork\dodgems\d0421881\0570025-sh-t-Typcra1s.dgn	DRAWN -	REVISED -	704					(57-7)I	McLean	180	19	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 70B25				ILLINOIS FED. AID PROJECT					
PLOT DATE = 1/26/2015	DATE -	REVISED -	SCALE:		SHEET NO. 7 OF 12 SHEETS	STA.	TO STA.					

EXISTING TYPICAL CROSS SECTION 8

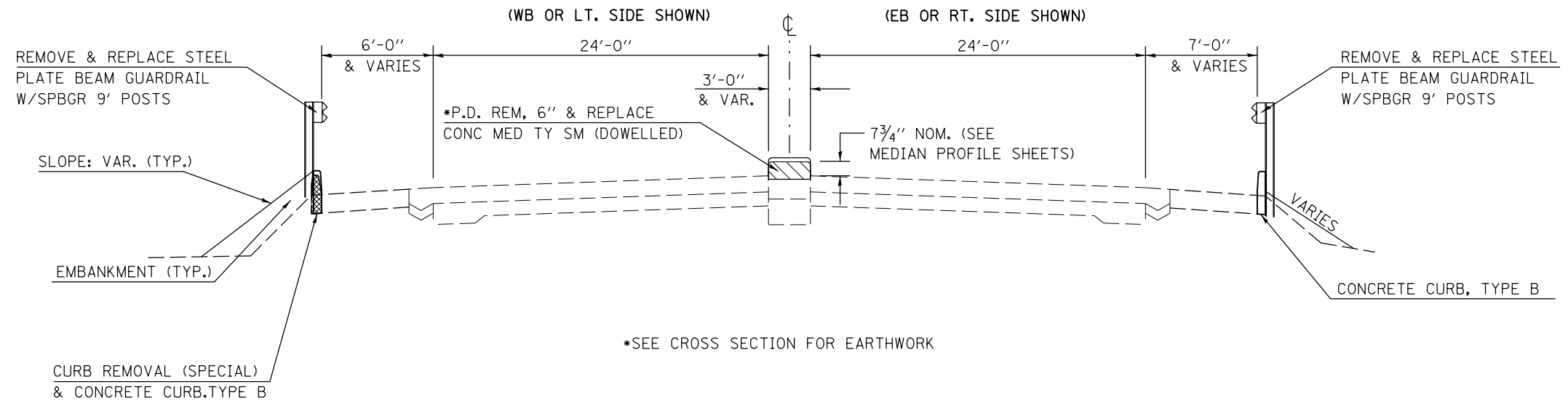
STATION TO STATION
 ⑥ 67+32.04 68+53.00 ⑨



*PARTIAL DEPTH REMOVAL SHALL CONSIST OF MILLING THE CONC MEDIAN TO THE LOWEST ADJACENT E.O.P. ELEVATION.

PROPOSED TYPICAL CROSS SECTION 8

STATION TO STATION
 ⑥ 67+32.04 68+53.00 ⑨



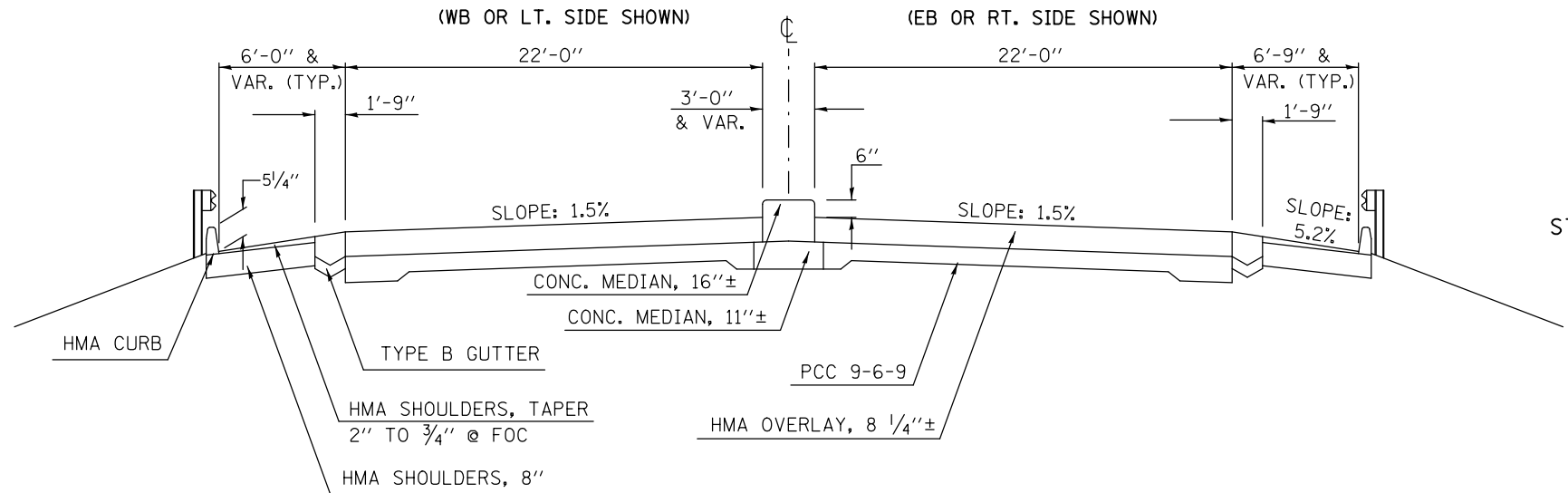
*SEE CROSS SECTION FOR EARTHWORK

FILE NAME =	USER NAME = dodgms	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pwork\pwork\dot\dodgms\d0421881\0570025-sh-t-Typcra1s.dgn		DRAWN -	REVISED -			704	(57-7)I	McLean	180	20
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -							
	PLOT DATE = 1/26/2015	DATE -	REVISED -							
					SCALE:	SHEET NO. 8 OF 12 SHEETS		STA.	TO STA.	
ILLINOIS FED. AID PROJECT										

EXISTING TYPICAL CROSS SECTION 9

STATION	TO	STATION	
⑧ 68+53.00 LT.		72+70.53 LT.	BRIDGE OMISSION
BRIDGE OMISSION	75+88.67 LT.	82+04.00 LT.	⑩
⑧ 68+53.00 RT.		72+89.02 RT.	BRIDGE OMISSION
BRIDGE OMISSION	76+05.90 RT.	82+04.00 RT.	⑩
⑩ 84+54.00		87+41.66 BK.	
87+45.84 AH.		87+53.36	⑪

STA. EQUATION: STA. 87+41.66 BK = STA. 87+45.84 AH



*PARTIAL DEPTH REMOVAL SHALL CONSIST OF MILLING THE CONC MEDIAN TO THE LOWEST ADJACENT E.O.P. ELEVATION.

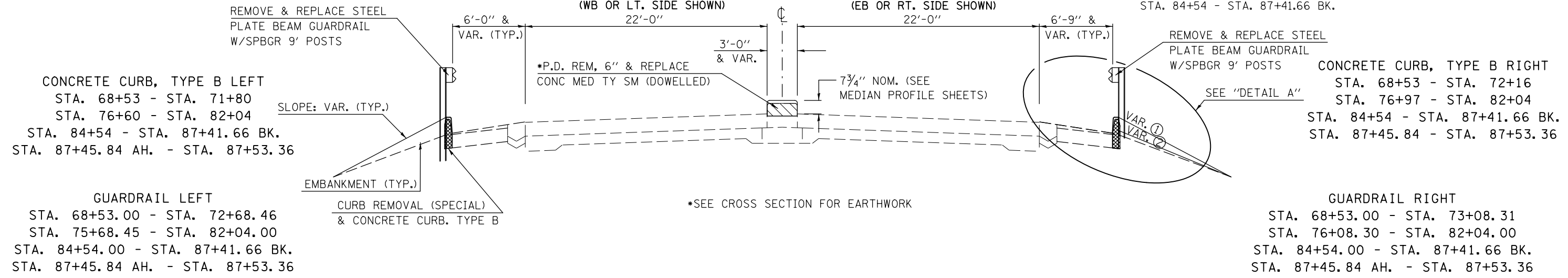
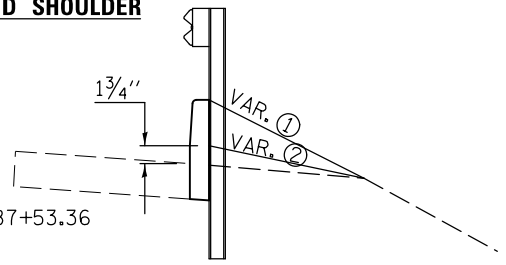
PROPOSED TYPICAL CROSS SECTION 9

STATION	TO	STATION	
⑧ 68+53.00 LT.		72+70.53 LT.	BRIDGE OMISSION
BRIDGE OMISSION	75+88.67 LT.	82+04.00 LT.	⑩
⑧ 68+53.00 RT.		72+89.02 RT.	BRIDGE OMISSION
BRIDGE OMISSION	76+05.90 RT.	82+04.00 RT.	⑩
⑩ 84+54.00		87+41.66 BK.	
87+45.84 AH.		87+53.36	⑪

STA. EQUATION: STA. 87+41.66 BK = STA. 87+45.84 AH

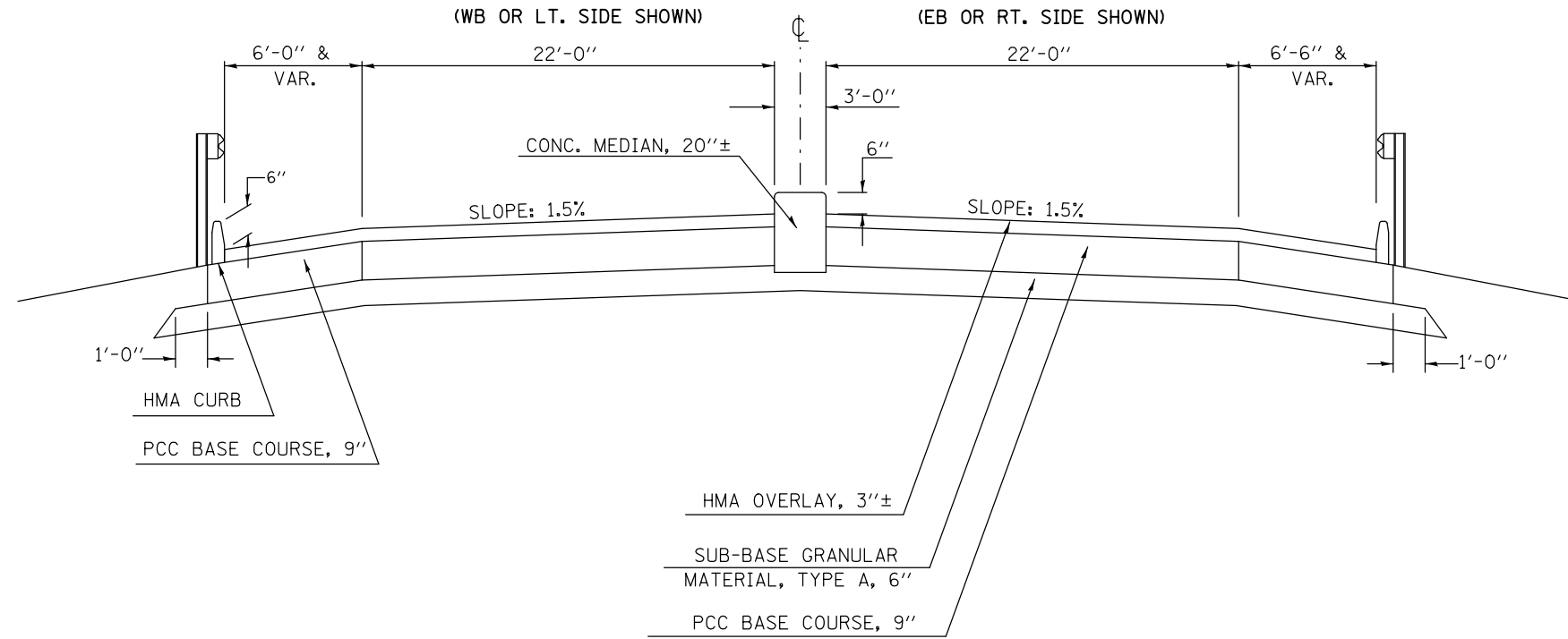
DETAIL A EASTBOUND SHOULDER

- ① EMBANKMENT TO TOP OF CURB ELEVATION
STA. 72+50 - STA. 77+00
STA. 80+00 - STA. 82+04
STA. 87+45.84 AH - STA. 87+53.36
- ② EMBANKMENT TO EDGE OF SHOULDER ELEVATION + 1 3/4"
STA. 68+53 - STA. 72+50
STA. 77+00 - STA. 80+00
STA. 84+54 - STA. 87+41.66 BK.



EXISTING TYPICAL CROSS SECTION 10

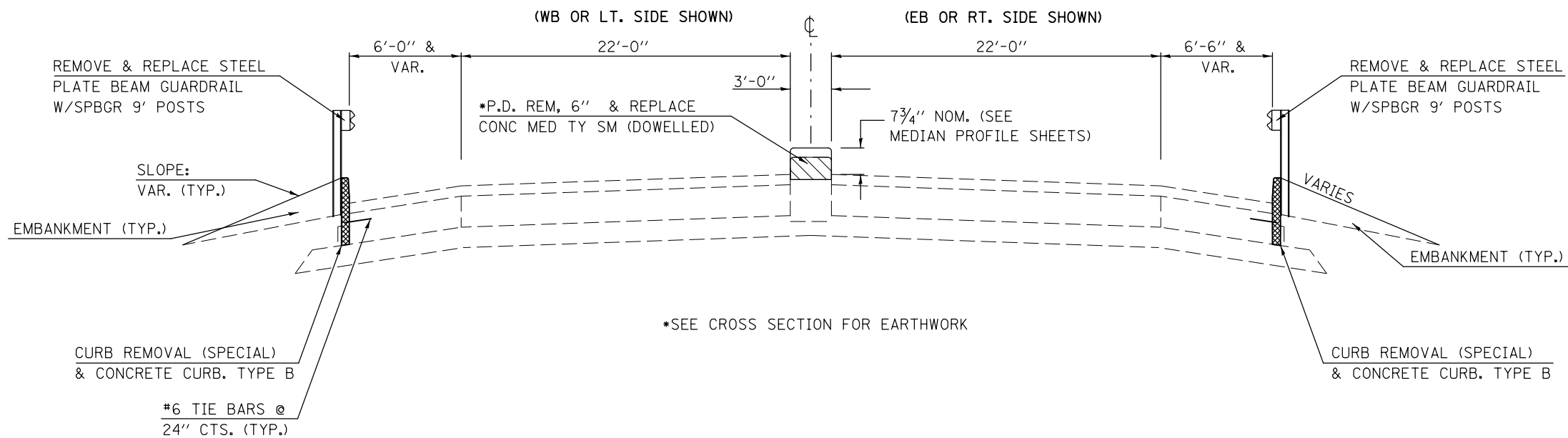
STATION TO STATION
 ⑨ 82+04.00 84+54.00 ⑨



*PARTIAL DEPTH REMOVAL SHALL CONSIST OF MILLING THE CONC MEDIAN TO THE LOWEST ADJACENT E.O.P. ELEVATION.

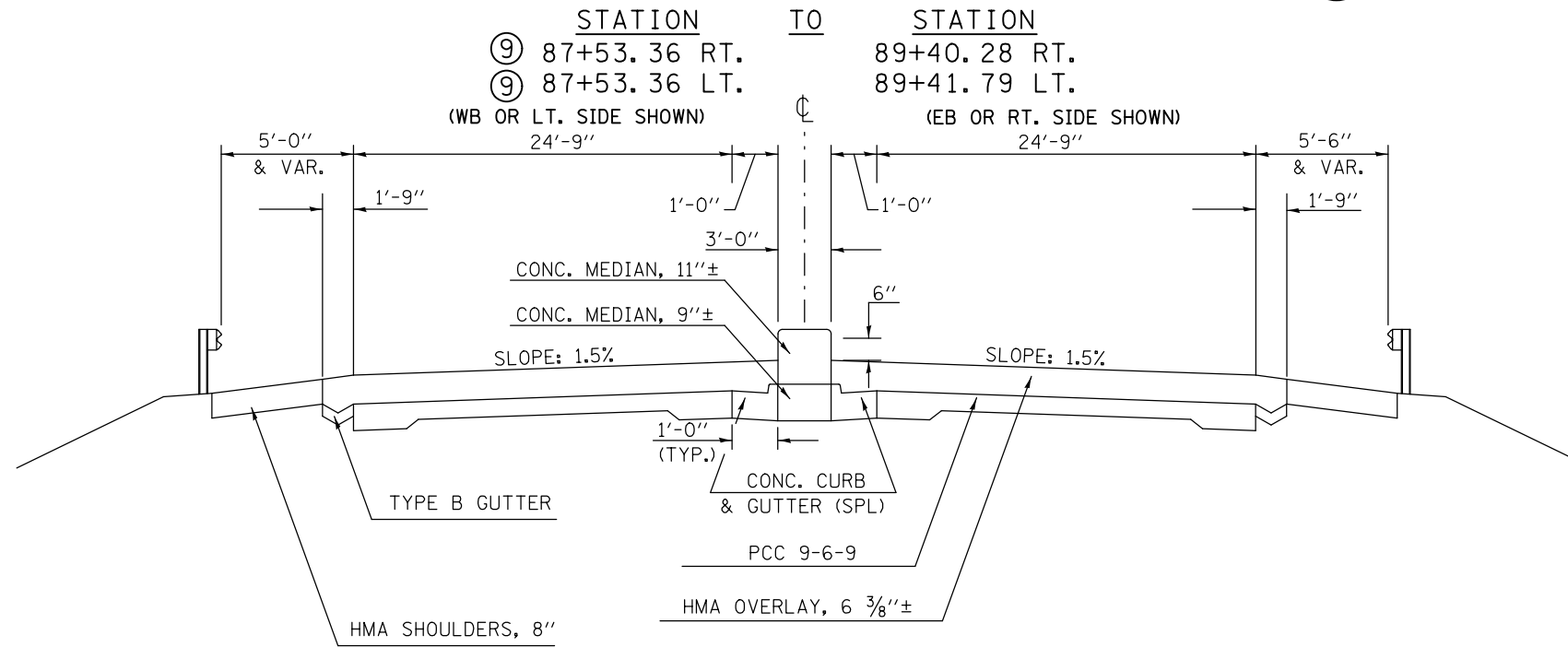
PROPOSED TYPICAL CROSS SECTION 10

STATION TO STATION
 ⑨ 82+04.00 84+54.00 ⑨



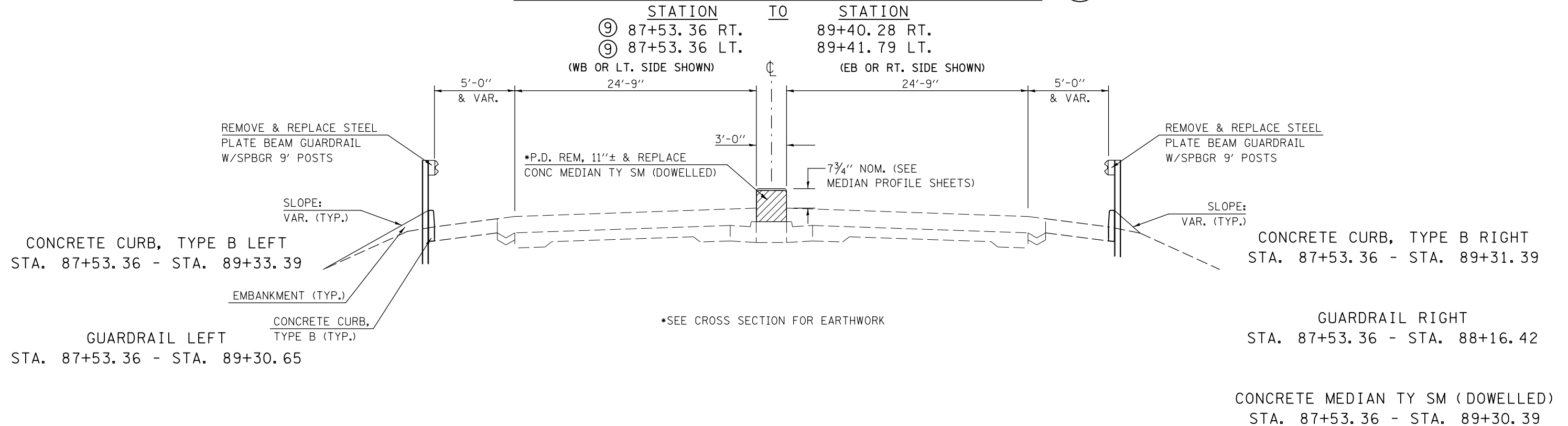
FILE NAME =	USER NAME = dodgms	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\dot\dodgms\d0421881\0570225-sh-t-Typcra1s.dgn		DRAWN -	REVISED -		704	(57-7)I	McLean	180	22	CONTRACT NO. 70B25		
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -		SCALE:	SHEET NO. 10 OF 12 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			
PLOT DATE = 1/26/2015		DATE -	REVISED -									

EXISTING TYPICAL CROSS SECTION 11



*PARTIAL DEPTH REMOVAL SHALL INCLUDE THE ENTIRE TOP LAYER OF THE EXISTING CONCRETE MEDIAN.

PROPOSED TYPICAL CROSS SECTION 11



FILE NAME =	USER NAME = dodgms	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pwork\pwork\dodgms\d0421881\0570025-sh-t-Typcra1s.dgn		DRAWN -	REVISED -					704	(57-7)I	McLean	180	23
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET NO. 11 OF 12 SHEETS STA. TO STA.			CONTRACT NO. 70B25				
	PLOT DATE = 1/26/2015	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

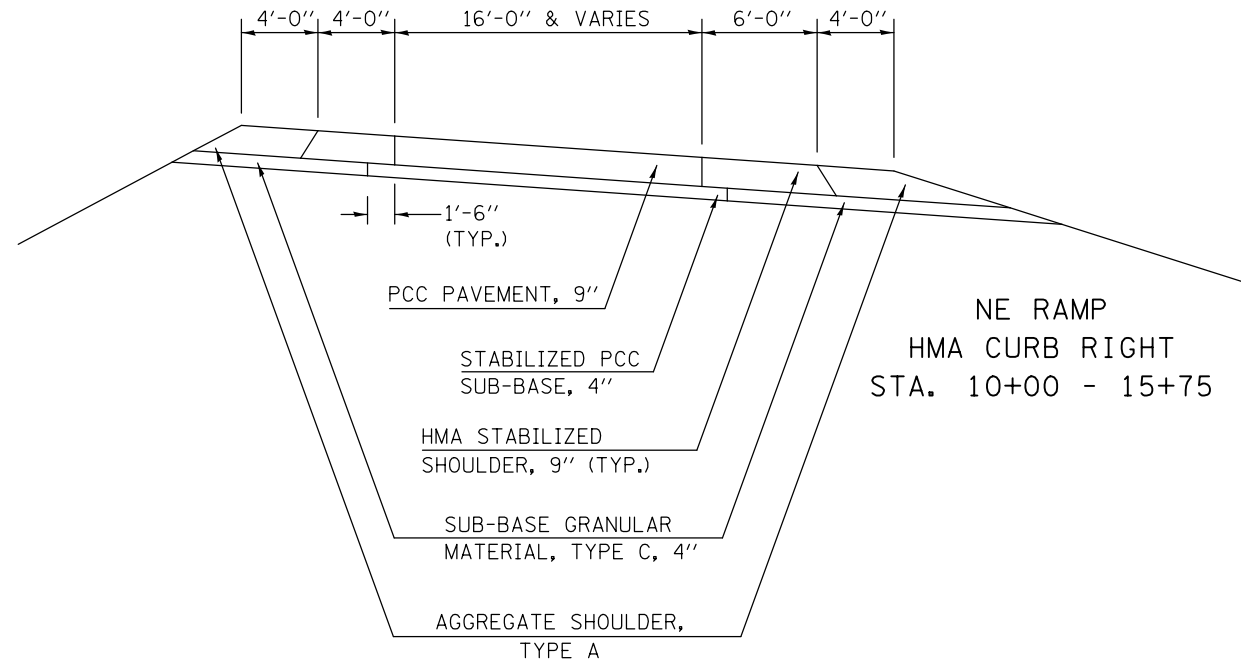
EXISTING TYPICAL CROSS SECTION 12

INTERCHANGE RAMPS AT U.S. 51

S. E. RAMP STA. 10+36.23 TO STA. 28+64.95 N. E. RAMP STA. 10+00.00 TO STA. 22+60.38
 S. W. RAMP STA. 10+00.00 TO STA. 23+68.27 N. W. RAMP STA. 10+37.25 TO STA. 27+00.63

COMBINATION CONCRETE CURB & GUTTER TYPE B-6.24 TABLE

ROUTE	OFFSET	STA.	TO	STA.	LIN. FEET
U.S. 51 (BUS)	LT.	262+06.72			
NE RAMP	RT.			21+17	213
NE RAMP	LT.	21+96			
U.S. 51 (BUS)	LT.			263+28.76	59
U.S. 51 (BUS)	RT.	263+40.01			
NW RAMP	LT.			11+13	70
U.S. 51 (BUS)	RT.	262+25.47			
NW RAMP	RT.			11+59	177
NW RAMP	RT.	11+59		25+00	1338
SW RAMP	RT.	12+00		16+00	400
SW RAMP	RT.	22+20			
U.S. 51 (BUS)	RT.			268+78.52	221
SW RAMP	LT.	23+13			
U.S. 51 (BUS)	RT.			267+53.53	54
U.S. 51 (BUS)	LT.	267+43.64			
SE RAMP	LT.			11+06	67
U.S. 51 (BUS)	LT.	268+57.21			
SE RAMP	RT.			11+60	181



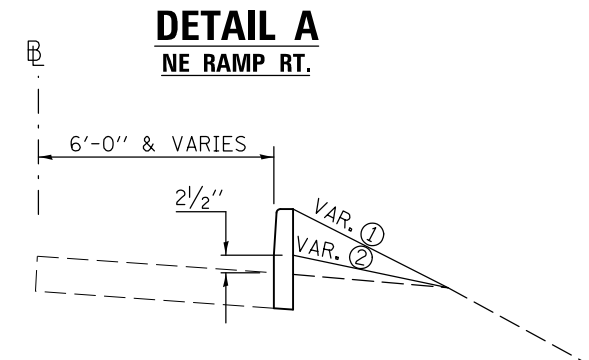
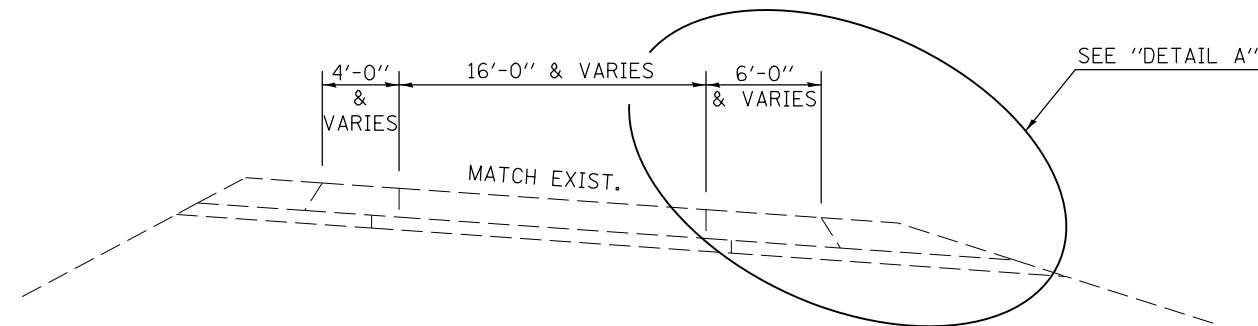
STABILIZED HMA SHOULDER TABLE

LOCATION:	STA.	TO	STA.	OFFSET	WIDTH (')
I-55 BUS.	29+93		33+93.5	Rt.	6
	40+76		41+38	Rt.	4
	42+00		43+40	Lt.	4
	53+00		55+25	Rt.	4
	66+12		66+96	Rt.	6 & Varies
NW RAMP	11+08		11+13	Lt.	Varies
	11+13		16+20.43	Lt.	4
	16+20.43		17+50.68	Lt.	Varies
	11+33		11+59	Rt.	Varies
	11+59		25+24	Rt.	6
NE RAMP	25+24		29+93 I-55 (Bus.)	Rt.	6
	10+00		21+17	Rt.	6
	21+17		21+42	Rt.	Varies
	15+30		16+62.40	Lt.	Varies
	16+62.40		21+96	Lt.	4
SE RAMP	21+96		22+02.5	Lt.	Varies
	10+99		11+06	Lt.	Varies
	11+06		17+84.25	Lt.	4
	17+84.25		19+15.00	Lt.	Varies
	11+34		11+60	Rt.	Varies
SW RAMP	11+60		28+64.95	Rt.	6
	10+00		11+76	Rt.	6
	11+76		16+24	Rt.	6
	16+24		22+20	Rt.	6
	22+20		22+47	Rt.	Varies
	15+30		16+62.40	Lt.	Varies
	16+62.40		23+13	Lt.	4
23+13		23+18	Lt.	Varies	

PROPOSED TYPICAL CROSS SECTION 12

INTERCHANGE RAMPS AT U.S. 51

S. E. RAMP STA. 10+36.23 TO STA. 28+64.95 N. E. RAMP STA. 10+00.00 TO STA. 22+60.38
 S. W. RAMP STA. 10+00.00 TO STA. 23+68.27 N. W. RAMP STA. 10+37.25 TO STA. 27+00.63



- ① EMBANKMENT TO TOP OF CURB ELEVATION
STA. 10+00 RT. - STA. 12+00 RT.
- ② EMBANKMENT TO EDGE OF SHOULDER ELEVATION + 2 1/2"
STA. 12+00 RT. - STA. 17+19.16 RT.

*SEE CROSS SECTION FOR EARTHWORK

NE RAMP
 CONCRETE CURB, TYPE B RIGHT
 STA. 10+00 - 17+19.16

FILE NAME =	USER NAME = dodgems	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pwwork\pwwork\dodgems\d0421881\0570825-sh-t-typicals.dgn	DRAWN -	REVISED -	704			(57-7)I	McLean	180	24	
PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 70B25							
PLOT DATE = 1/26/2015	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
				SCALE:	SHEET NO. 12 OF 12 SHEETS	STA.	TO STA.			

SCHEDULE OF QUANTITIES

TEMPORARY RAMPS

STATION	OFFSET	TEMPORARY RAMP 40600990 (SQ YD)
LEG "C":		
62+86	39' Rt	5.7
65+75	27' Rt	12.1
NE RAMP:		
11+75	9' Rt	5.2
13+75	8' Rt	5.2
15+65	8' Rt	5.2
TOTAL		33.4
ROUND TO		40.0

PCC SIDEWALK

LOCATION:		PC CONCRETE SIDEWALK 4 42400100 (SQ FT)	DETECTABLE WARNINGS 42400800 (SQ FT)	SIDEWALK REMOVAL 44000600 (SQ FT)
LEG "A": FOX CR. RD. - HAMILTON RD. INTERSECTION				
STA.	OFFSET			
18+82	96' LT.	112.89		112.89
18+85	96' LT.		30.23	
19+15	70' LT.		39.42	
19+18	67' LT.	231.02		231.02
19+18	5' LT.	148.90		148.90
19+20	8' LT.		30.46	
19+20	1.5' LT.		31.51	
19+23	58' LT.		28.41	
19+45	100' RT.	178.59	49.94	178.59
NW RAMP:				
10+70	35' LT.	25.50	10.07	25.50
SW RAMP:				
23+46	22' LT.	26.80	11.39	26.80
23+56	32' RT.	60.70	11.56	60.70
TOTAL =		784.4	242.99	784.4
ROUND TO:		785.0	245.0	785.0

CHANGEABLE MESSAGE SIGN

LOCATION	DIRECTION	CHANGEABLE MESSAGE SIGN X7015005 (CAL DA)
*I - 55 BUSN.	EB	14
*I - 55 BUSN.	WB	14
*NW RAMP	WB	14
*SE RAMP	EB	14
*I - 74 OFF-RAMP TO I - 55 BUSN.	EB	14
TOTAL =		70

SURVEY MARKERS

DESCRIPTION	STATION	OFFSET	SURVEY MARKER TYPE 2 (SPECIAL) XZ193400 (EACH)
LEG "C":			
P.C.	33+00.01	CL	1
P.I.	38+00.01	1.44' RT.	1
P.T.	43+00.00	CL	1
STA. EQUATION	87+41.66 BK. = 87+45.84 AH.	CL	1
TOTAL =			4

* R.E. TO LOCATE SIGN IN FIELD

TREE REMOVAL

LOCATION:	STA.	OFFSET	TREE REMOVAL 6 TO 15 UNITS 20100110 (UNIT)	TREE REMOVAL OVER 15 UNITS 20100210 (UNIT)
MAINLINE	64+80.28	47.3' LT	8	
MAINLINE	65+05.68	49.0' LT	8	
MAINLINE	67+21.12	50.8' RT	9	
MAINLINE	67+24.46	44.6' RT	10	
NW RAMP	10+80	58' RT		25.0
TOTAL =			35.0	25.0

EARTHWORK

LOCATION	EARTH EXCAVATION 20200100 (CU YD)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE (+) OR SHORTAGE (-) (CU YD)	FURNISHED EXCAVATION 20400800 (CU YD)
LEG A EBDL	0.0	0.0	0.0	0.0	0.0
LEG A EBPL	0.0	0.0	0.0	0.0	0.0
LEG A WBDL	0.0	0.0	0.0	0.0	0.0
LEG A WBPL	0.0	0.0	0.0	0.0	0.0
LEG C EBDL	12.6	9.5	127.3	-117.9	117.9
LEG C EBPL	0.0	0.0	0.0	0.0	0.0
LEG C WBDL	183.9	137.9	480.8	-342.9	342.9
LEG C WBPL	0.0	0.0	0.0	0.0	0.0
NW RAMP - LT	0.0	0.0	0.0	0.0	0.0
NW RAMP - RT	0.0	0.0	0.0	0.0	0.0
NE RAMP - LT	0.0	0.0	0.0	0.0	0.0
NE RAMP - RT	2.2	1.7	7.3	-5.7	5.7
SW RAMP - LT	0.0	0.0	0.0	0.0	0.0
SW RAMP - RT	0.0	0.0	0.0	0.0	0.0
SE RAMP - LT	0.0	0.0	0.0	0.0	0.0
SE RAMP - RT	6.9	5.2	166.2	-161.0	161.0
TOTAL =	205.6	154.2	781.6	-627.4	627.4
ROUND TO:	210.0				630.0

NOTES:

1. THE SHRINKAGE FACTOR USED IS 25%.
2. SHRINKAGE, EMBANKMENT, AND BALANCE IS FOR INFORMATION ONLY.
3. NO PAYMENT WILL BE ALLOWED FOR OVERHAUL.
4. EXCAVATION REQUIRED FOR PCC BASE COURSE, FULL DEPTH BITUMINOUS PAVEMENT, BITUMINOUS SHOULDERS, BITUMINOUS BASE COURSE AND AGGREGATE SHOULDER IS MEASURED AND PAID FOR AS EARTH EXCAVATION.

SCHEDULE OF QUANTITIES

EROSION CONTROL (SHEET 1 OF 2)

DIRECTION	STATION	TO	STATION	OFFSET	TEMPORARY DITCH CHECKS 28000305 (FOOT)	PERIMETER EROSION BARRIER 28000400 (FOOT)	INLET & PIPE PROTECTION 28000500 (EACH)	STONE RIPRAP CLASS A 4 28100107 (SQ YD)	FILTER FABRIC 28200200 (SQ YD)	STONE RIPRAP CLASS A4 (TONS)	BEDDING STONE (TONS)
						LEG "C":					
EB	43+00		47+06.97	37' RT		406.97					
EB	44+35			65.0' RT			1.0				
WB	49+00		51+50	40.0' LT		250.0					
WB	51+50		52+50	40'-32' LT		100.3					
WB	60+43		61+00	42'-40' LT		57.0					
WB	61+00		63+00	40.0' LT		200.0					
WB	64+50			55.0' LT	10.0						
WB	65+00			55.5' LT	10.0						
WB	65+75			59.0' LT	10.0						
WB	67+00			66.25' LT	10.0						
WB	67+50			67.75' LT	10.0						
WB	68+25			70.0' LT	10.0						
WB	69+50			70.5' LT	10.0						
WB	70+00			72.0' LT	10.0						
WB	70+50			73.25' LT	10.0						
WB	72+00			78.5' LT	10.0						
WB	72+25			77.0' LT	10.0						
WB	72+50			75.5' LT	10.0						
EB	62+50			78.0' RT	15.0						
EB	62+86			50'-80' RT				20.7	20.7	13.9	6.2
EB	63+00			78.0' RT	14.0						
EB	63+50			81.0' RT	10.0						
WB	63+94			45.0' LT			1.0				
EB	63+94.35			65.5'-86.5' RT				25.7	25.7	17.2	7.7
EB	64+50			81.0' RT	10.0						
EB	65+00			81.0' RT	10.0						
EB	65+75			52'-83' RT				20.7	20.7	13.9	6.2
EB	67+00			80.0' RT	10.0						
EB	67+50			80.5' RT	10.0						
EB	67+75			79.0' RT	10.0						
EB	68+00			78.0' RT	10.0						
EB	68+50			75.0' RT	10.0						
EB	69+50			74.0' RT	10.0						
EB	70+50			78.0' RT	10.0						
EB	71+00		73+00	90.0' RT		200.0					
EB	76+50		79+00	85.0' RT		250.0					
EB	79+00		79+23	40'-43' RT		23.2					
EB	79+23		79+54	43.0' RT		31.0					
EB	79+54		80+00	43'-40' RT		46.1					
EB	80+00		82+00	80.0' RT		200.0					
EB	82+50			75.0' RT	10.0						
EB	83+00			78.0' RT	10.0						
EB	83+52			78.5' RT			1.0				
EB	84+50			70.5' RT	10.0						
EB	85+50			67.0' RT	10.0						
EB	86+54			60.0' RT			1.0				
EB	87+00			65.5' RT	10.0						
WB	75+70		76+00	30'-40' LT		31.6					
WB	76+00		79+00	82.0' LT		300.0					
WB	79+00		79+23	40'-42' LT		23.3					
WB	79+23		79+54	42.0' LT		31.0					
WB	79+54		80+00	42'-40' LT		46.0					
WB	80+00		82+50	80.0' LT		250.0					
WB	82+50		83+00	80'-90' LT		51.0					
WB	83+00		83+50	90.0' LT		50.0					
WB	83+50		87+41.66 BK	40.0' LT		391.7					
WB	87+45.84 AH		88+50.39	40.0' LT		104.6					
EB	88+50			63.0' RT	10.0						
WB	88+50			67.0' LT	10.0						
EB	89+31.39			47'-66' RT				13.3	13.3	8.9	4.0
WB	89+33.39			46'-68' LT				14.7	14.7	9.8	4.4
				SUB-TOTAL=	319.0	3043.8	4.0	95.1	95.1	63.7	28.5

SCHEDULE OF QUANTITIES

EROSION CONTROL (SHEET 2 OF 2)

DIRECTION	STATION	TO	STATION	OFFSET	TEMPORARY DITCH CHECKS 28000305 (FOOT)	PERIMETER EROSION BARRIER 28000400 (FOOT)	INLET & PIPE PROTECTION 28000500 (EACH)	STONE RIPRAP CLASS A 4 28100107 (SQ YD)	FILTER FABRIC 28200200 (SQ YD)	STONE RIPRAP CLASS A4 (TONS)	BEDDING STONE (TONS)	
SW RAMP:												
LT.	20+40			48'-90' LT				71.0	71.0	47.6	21.3	
NE RAMP:												
RT.	10+00		10+45	15.0' RT		45.0						
RT.	11+75			12'-20' RT				5.3	5.3	3.6	1.6	
RT.	10+45		11+00	15'-18' RT		55.1						
RT.	13+75			12.5'-21.5' RT				6.0	6.0	4.0	1.8	
RT.	11+00		11+70	18'-14' RT		70.1						
RT.	15+65			12'-23' RT				7.3	7.3	4.9	2.2	
RT.	11+78		13+70	13.0' RT		192.0						
RT.	13+78		15+60	13.0' RT		182.0						
RT.	15+68		17+00	13.0' RT		132.0						
RT.	17+00		17+20	13'-11' RT		20.1						
NW RAMP:												
RT.	10+50		11+00	15'-85' RT				235.0	235.0	157.5	70.5	
					SUB-TOTAL =	0.0	696.3	0.0	324.6	324.6	217.5	97.4
					TOTAL =	319.0	3740.1	4.0	419.7	419.7	281.2	125.9
					ROUND TO:	320.0	3750.0	5.0	420.0	420.0	281.0	126.0

NOTES:

1. STONE RIPRAP AND BEDDING STONE TONNAGE QUANTITIES ARE ESTIMATES AND FOR INFORMATION ONLY.
2. STONE RIPRAP IS ESTIMATED BASED ON 1.5 TONS/ CU. YD.
3. BEDDING STONE IS ESTIMATED BASED ON 1.8 TONS/ CU. YD.

PAVEMENT PATCHING SCHEDULE

LOCATION:	CL B PATCH T II 9" 44200956 (SQ YD)	CL B PATCH T II 12" 44200994 (SQ YD)	CL B PATCH T I 14" 44201015 (SQ YD)	CL B PATCH T II 14" 44201019 (SQ YD)	CL B PATCH T II 15" 44201031 (SQ YD)	CL B PATCH T III 15" 44201035 (SQ YD)	CL B PATCH T IV 15" 44201037 (SQ YD)	DOWEL BARS 1 1/2" 44201299 (EACH)	PAVEMENT FABRIC 44213100 (SQ YD)	SAW CUTS 44213200 (FOOT)	TIE BARS 3/4" 44213204 (EACH)
SW RAMP	149.1							336.0		1,008.0	
SE RAMP	180.9							408.0		1,224.0	
NE RAMP	148.8							336.0		1,008.0	
NW RAMP	138.6							312.0		936.0	
LEG "A" EB			4.0	232.0	504.0	32.0	80.0	1,908.0	112.0	4,686.0	30.0
LEG "A" WB		429.3		280.0	61.4			1,860.0		4,504.0	
LEG "C" EB		80.0		688.0	544.0			3,280.0		7,872.0	
LEG "C" WB		80.0		728.0	512.0			3,300.0		7,920.0	
TOTAL	617.4	589.3	4.0	1,928.0	1,621.4	32.0	80.0	11,740.0	112.0	29,158.0	30.0
ROUND TO	620.0	590.0	10.0	1,930.0	1,630.0	40.0	80.0	11,740.0	120.0	29,160.0	30.0

SCHEDULE OF QUANTITIES

DRAINAGE ITEMS

LOCATION		PIPE CULVERT, CLASS A, TYPE 2 36" 542A1081 (FOOT)	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36" 54213681 (EACH)	METAL END SECTIONS 12" 54215547 (EACH)	CONCRETE COLLAR 54248510 (CU YD)	INSERTION CULVERT LINER 36" 54390230 (FOOT)	PIPE DRAINS 12" 60100945 (FOOT)	REMOVING INLETS 60500060 (EACH)	CLASS SI CONCRETE (OUTLET) 60600095 (CU YD)	CONCRETE THRUST BLOCKS 60900515 (EACH)	PIPE DRAIN REMOVAL X0323586 (FOOT)	TYPE E INLET BOX 610001 SPL X6100120 (EACH)
STATION	OFFSET	LEG "C":										
62+85.6	40.4' RT.								2.08			
63+94.35	35.85' LT.-48.10' RT.					83.95						
63+94.35	35.85' LT.				0.69							
63+94.35	35.85' LT.-43.85' LT.	8.0										
63+94.35	43.85' LT.				0.69							
63+94.35	52.0' LT.		1.0									
63+94.35	48.10' RT.				0.69							
63+94.35	48.10' RT.-56.10' RT.	8.0										
63+94.35	56.10' RT.				0.69							
63+94.35	64.25' RT.		1.0									
65+20.56	30' LT.-47' LT.										18.0	
65+20.56	30' LT.-55' LT.						27.0					
65+20.56	49' LT.								1.0			
65+20.56	55' LT.			1.0								
65+75	34' RT.											1.0
65+75	42' RT.											
65+75	53' RT.			1.0								
65+75	51' RT.								1.0			
89+35.79	35.2' RT.								2.08			
89+37.79	36.3' LT.								2.08			
NE RAMP:												
11+75	8.5' RT.							1.0	0.98		10.0	
13+75	8.5' RT.							1.0	0.98		12.0	
15+65	8.5' RT.							1.0	0.98		14.0	
TOTAL =		16.0	2.0	2.0	2.76	83.95	47.0	3.0	9.18	2.0	54.0	1.0
ROUND TO:		16.0	2.0	2.0	2.8	84.0	50.0	3.0	9.2	2.0	60.0	1.0

SCHEDULE OF QUANTITIES

PCC CURB & MEDIAN

LOCATION			LENGTH (FOOT)	WIDTH (FOOT)	COMBINATION CURB & GUTTER REMOVAL 44000500 (FOOT)	MEDIAN REMOVAL (PARTIAL DEPTH) 44003510 (SQ FT)	PAVED DITCH REMOVAL 44004000 (FOOT)	PAVED SHOULDER REMOVAL 44004250 (SQ YD)	TIE BARS 1/2" 44213198 (EACH)	CONCRETE REMOVAL 50102400 (CU YD)	CONCRET CURB TYPE B 60600605 (FOOT)	COMBINATION CONCRETE CURB & GUTTER TYPE B-6.24 60605000 (FOOT)	CONCRETE SHOULDER CURB 66201120 (FOOT)	CURB REMOVAL SPECIAL X4402400 (FOOT)	CONCRETE MEDIAN REMOVAL X4403300 (SQ FT)	CONCRETE MEDIAN TYPE SM (DOWELLED) X6061702 (SQ FT)
STATION	TO	STA./DIR./OFFSET														
NE RAMP:																
10+00 RT.		15+75 RT.	575.0												575.0	
15+75 RT.		17+19.16 RT.	144.16	*0.5				8.0								
10+00 RT.		17+19.16 RT.	719.16								719.16					
LEG "C":																
32+32.92 CL		43+45.00 CL	1112.08	3.33											3703.2	3703.2
52+36.00 CL		67+32.00 CL	1496.0	3.33											4981.7	4981.7
61+60 WB		29' LT.							10.0							
S.N. 057-0063										7.0						
63+94.35		46' RT. - 77' RT.	31.0				31.0									
63+94.35		EB & WB								1.2						
65+20		WB 29' LT.							10.0							
68+60		WB 29' LT.							10.0							
68+60		EB 29' RT.							10.0							
71+10		WB 29' LT.							10.0							
71+10		EB 29' RT.							10.0							
S.N. 057-0064										7.2						
43+45.00 CL		47+06.97 CL	361.97	3.33		1205.4										1205.4
49+10.79 CL		52+36.00 CL	325.21	3.33		1082.9										1082.9
80+80		WB 29' LT.							10.0							
80+80		EB 29' RT.							10.0							
84+76		WB 29' LT.							10.0							
84+76		EB 29' RT.							10.0							
87+33		WB 29' LT.							10.0							
67+32.04 CL		72+79.83 CL	547.79	3.33		1824.1										1824.1
87+42		EB 29' LT.							10.0							
75+97.03 CL		87+41.66 CL (BK)	1144.63	3.33		3811.6										3811.6
87+45.84 (AH.) CL		89+30.39 CL	184.55	3.33		614.6										614.6
60+45		WB 71+80 LT.	1135.0							1135.0				1135.0		
62+77.5		EB 69+17 RT.	639.5	*0.5				35.5								
62+90		EB 65+70 RT.	280.0							280.0						
65+70		EB 65+80 RT.	10.0									10.0				
65+80		EB 72+16 RT.	636.0							636.0						
69+17		EB 72+16 RT.	299.0												299.0	
76+60		WB 87+41.66 BK.	1081.66							1081.66				1081.66		
87+45.84 AH.		WB 89+33.39	187.55							187.55						
76+97		EB 87+41.66 BK.	1044.66							1044.66				1044.66		
87+45.84		EB 87+52.23	6.39											6.39		
87+52.23		EB 89+40.28 RT.	188.05	*0.5				10.4								
87+45.84 AH.		EB 89+31.39	185.55							185.55						
87+45.84 AH.		WB 89+41.79 LT.	195.95	*0.5				10.9								
NW RAMP:																
11+00 RT.		11+30 RT.	30.0		30.0							30.0				
TOTAL=					30.0	8,538.6	31.0	64.8	120.0	15.4	5,269.6	30.0	10.0	4,141.7	8,684.9	17,223.5
ROUND TO:					30.0	8,540.0	31.0	70.0	120.0	15.4	5,270.0	30.0	10.0	4,150.0	8,690.0	17,230.0

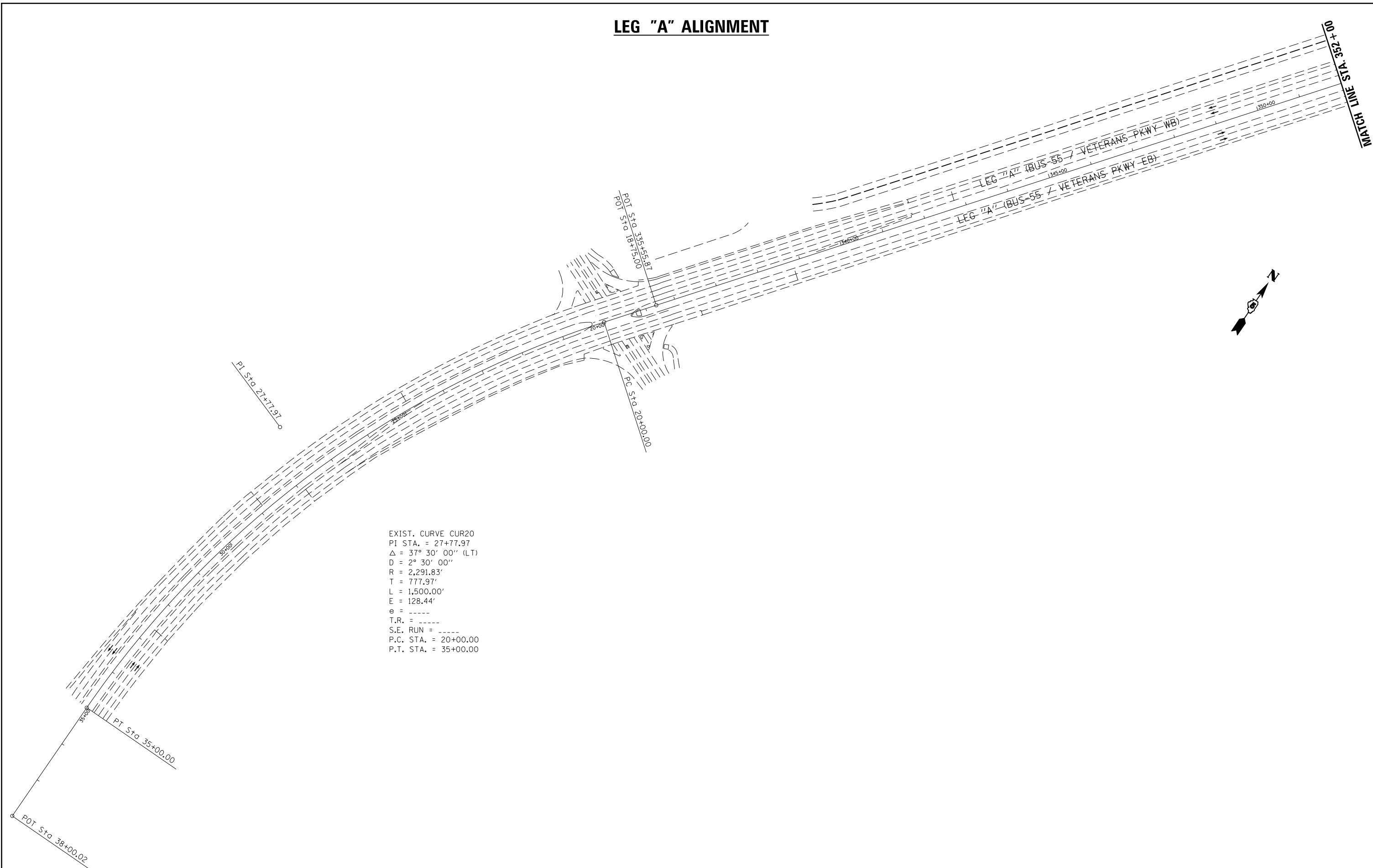
NOTE: *0.5' ESTIMATED WIDTH TO PRODUCE STRAIGHT LINE. R. E. TO DETERMINE REMOVAL LINE IN FIELD.
THE CONTRACTOR WILL BE PAID FOR THE ACTUAL QUANTITY OF PAVED SHOULDER REMOVED.

SCHEDULE OF QUANTITIES

GUARDRAIL

STATION	TO	STATION	DIRECTION	STEEL PLATE BEAM GUARDRAIL TYPE A 6 FT POSTS 63000001 (FOOT)	STEEL PLATE BEAM GUARDRAIL TYPE A 9 FT POSTS 63000003 (FOOT)	STEEL PLATE BEAM GUARDRAIL TYPE B 9 FT POSTS 63000009 (FOOT)	STEEL PLATE BEAM GUARDRAIL ATTACH TO STRUCTURE 63000025 (FOOT)	TRAFFIC BARRIER TERMINAL TYPE 2 63100045 (EACH)	TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL TANGENT 63100167 (EACH)	TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL FLARED 63100169 (EACH)	GUARDRAIL REMOVAL 63200310 (FOOT)	GUARDRAIL MARKER TYPE A 78200410 (EACH)	BARRIER WALL MARKER TYPE C 78200530 (EACH)	TERMINAL MARKER DIRECT APPLIED 78201000 (EACH)	TRAFFIC BARRIER TERMINAL TYPE 5 SPECIAL X6310179 (EACH)	TRAFFIC BARRIER TERMINAL TYPE 6 SPECIAL X6310214 (EACH)
SW RAMP:																
19+25		20+52	LT.								127.0					
19+25		20+52	RT.								127.0					
17+75.50		18+25.50	LT.						1.0					1.0		
18+25.50		20+38	LT.	212.5								4.0				
20+38		20+52.27	LT.					1.0								
18+42		18+92	RT.						1.0					1.0		
18+92		20+42	RT.	150.0								4.0				
20+42		20+56.27	RT.					1.0								
LEG "C":																
41+26.17		41+76.17	EB						1.0					1.0		
41+76.17		46+63.67	EB		487.5							5.0				
46+63.67		47+09.32	EB													1.0
49+08.24		49+53.89	WB													1.0
49+53.89		52+78.89	WB		325.0							5.0				
52+78.89		53+28.89	WB						1.0					1.0		
63+00.16		63+50.16	EB						1.0					1.0		
63+50.16		63+87.66	EB			37.50						1.0				
63+87.66		64+00.16	EB				12.5									
63+91.29		64+03.79	WB				12.5									
64+00.16		72+62.66	EB			862.50						5.0				
62+91.29		63+91.29	WB			100.00										
64+03.79		72+53.79	WB			850.00										
72+62.66		73+08.31	EB													1.0
75+00.16			EB										1.0			
62+77.02		62+91.29	WB					1.0								
62+91.29		72+53.79	WB									2.0				
73+26.60			WB										1.0			
72+53.79		72+68.46	WB												1.0	
76+08.30		76+22.97	EB												1.0	
76+22.97		87+41.66 BK.	EB			1118.69										
87+45.84 AH.		88+02.15	EB			56.31						3.0				
88+02.15		88+16.42	EB					1.0								
75+68.45		76+14.10	WB													1.0
76+14.10		87+41.66 BK.	WB			1127.56						7.0				
88+45.84 AH.		88+80.78	WB			134.94										
88+80.78		89+30.65	WB							1.0				1.0		
41+56		47+27	EB								571					
48+90		52+43	WB								353					
63+10		73+20	EB								1010					
63+80		72+70	WB								890					
75+68		87+41.66 BK.	WB								1173.66					
87+45.84 AH.		89+41.39	WB								195.55					
76+10		87+41.66 BK.	EB								1131.66					
87+45.84 AH.		89+42.39	EB								196.55					
TOTAL :				362.5	812.5	4287.50	25.0	4.0	5.0	1.0	5,775.4	36.0	2.0	6.0	2.0	4.0
ROUND TO:				362.5	812.5	4287.50	25.0	4.0	5.0	1.0	5,780.0	40.0	2.0	6.0	2.0	4.0

LEG "A" ALIGNMENT



EXIST. CURVE CUR20
 PI STA. = 27+77.97
 $\Delta = 37^\circ 30' 00''$ (LT)
 $D = 2^\circ 30' 00''$
 $R = 2,291.83'$
 $T = 777.97'$
 $L = 1,500.00'$
 $E = 128.44'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 20+00.00$
 $P.T. STA. = 35+00.00$

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

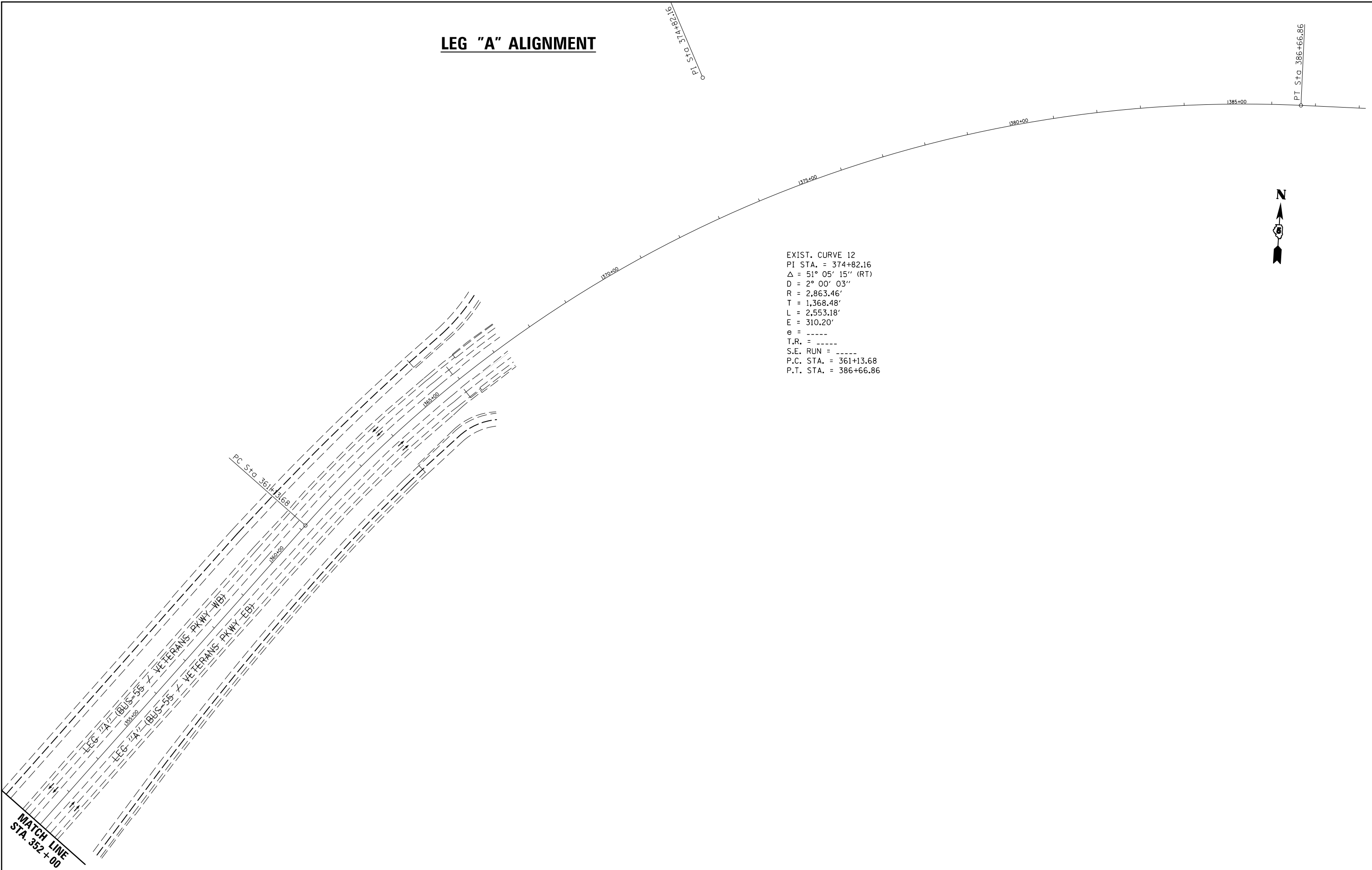
BUS 55 PLAN SHEET - ALIGNMENT

SCALE: 1" = 200' SHEET 1 OF 5 SHEETS STA. 38+00.00 TO STA. 352+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)I	McLean	180	31
CONTRACT NO. 70B25			ILLINOIS FED. AID PROJECT	

LEG "A" ALIGNMENT

EXIST. CURVE 12
 PI STA. = 374+82.16
 Δ = 51° 05' 15" (RT)
 D = 2° 00' 03"
 R = 2,863.46'
 T = 1,368.48'
 L = 2,553.18'
 E = 310.20'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 361+13.68
 P.T. STA. = 386+66.86



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PLOT DATE = 1/26/2015		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

BUS 55 PLAN SHEET - ALIGNMENT

SCALE: 1" = 200' SHEET 2 OF 5 SHEETS STA. 352+00.00 TO STA. 388+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)I	McLean	180	32
CONTRACT NO. 70B25				
ILLINOIS FED. AID PROJECT				

LEG "C" ALIGNMENT



EXIST. CURVE 2
 PI STA. = 16+44.97
 $\Delta = 18^\circ 07' 37''$ (RT)
 $D = 8^\circ 06' 49''$
 $R = 706.17'$
 $T = 112.65'$
 $L = 223.41'$
 $E = 8.93'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 15+32.33$
 $P.T. STA. = 17+55.74$

EXIST. CURVE 206
 PI STA. = 17+71.79
 $\Delta = 18^\circ 01' 40''$ (RT)
 $D = 8^\circ 18' 31''$
 $R = 689.58'$
 $T = 109.39'$
 $L = 216.97'$
 $E = 8.62'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 16+62.40$
 $P.T. STA. = 18+79.37$

RAMP STA. 27+01.87 =
 MAINLINE STA. 31+11.93
 O/S 27.41' LT

PI Sta 24+44.82

PI Sta 21+12.61

PT Sta 17+55.74

PI Sta 16+44.97

PC Sta 15+32.33

S.N. 057-0063

NW RAMP

NE RAMP

PT Sta 18+79.37

PI Sta 17+71.79

PC Sta 16+62.40

LEG "C" (BUS-55 / VETERANS PKWY WB)

LEG "C" (BUS-55 / VETERANS PKWY EB)

EQUATION:
 Sta 390+96.85 BK =
 Sta 29+93.05 AH

PC Sta 33+00.01

RAMP STA. 10+00.00 =
 MAINLINE STA. 33+94.60
 O/S 27.44' RT

PI Sta 38+00.01

PC Sta 16+66.22

PI Sta 17+43.50

PT Sta 18+20.17

PT Sta 43+00.00

SW RAMP

SE RAMP

PC Sta 17+59.12

PI Sta 18+36.59

PT Sta 19+13.42

EXIST. CURVE 6
 PI STA. = 38+00.01
 $\Delta = 0^\circ 39' 42''$ (LT)
 $D = 0^\circ 03' 58''$
 $R = 86,574.40'$
 $T = 500.00'$
 $L = 999.99'$
 $E = 1.44'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 33+00.01$
 $P.T. STA. = 43+00.00$

EXIST. CURVE 96
 PI STA. = 17+43.50
 $\Delta = 12^\circ 36' 04''$ (RT)
 $D = 8^\circ 11' 07''$
 $R = 699.99'$
 $T = 77.29'$
 $L = 153.95'$
 $E = 4.25'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 16+66.22$
 $P.T. STA. = 18+20.17$

EXIST. CURVE 1
 PI STA. = 18+36.59
 $\Delta = 12^\circ 46' 31''$ (RT)
 $D = 8^\circ 16' 47''$
 $R = 692.01'$
 $T = 77.47'$
 $L = 154.30'$
 $E = 4.32'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 17+59.12$
 $P.T. STA. = 19+13.42$

MATCH LINE STA. 60 + 00

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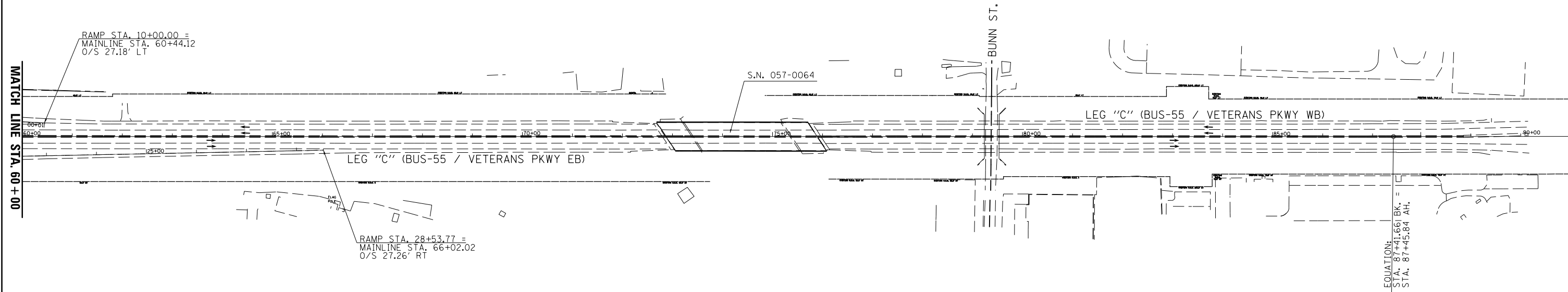
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

BUS 55 PLAN SHEET - ALIGNMENT

SCALE: 1" = 200' SHEET 3 OF 5 SHEETS STA. 390+00.00 TO STA. 60+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)I	McLean	180	33
CONTRACT NO. 70B25			ILLINOIS FED. AID PROJECT	

LEG "C" ALIGNMENT



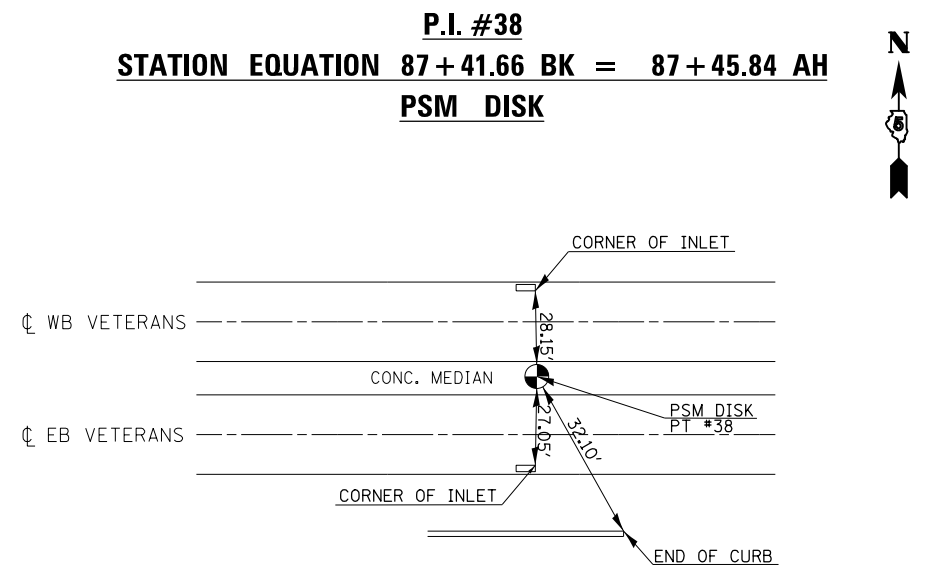
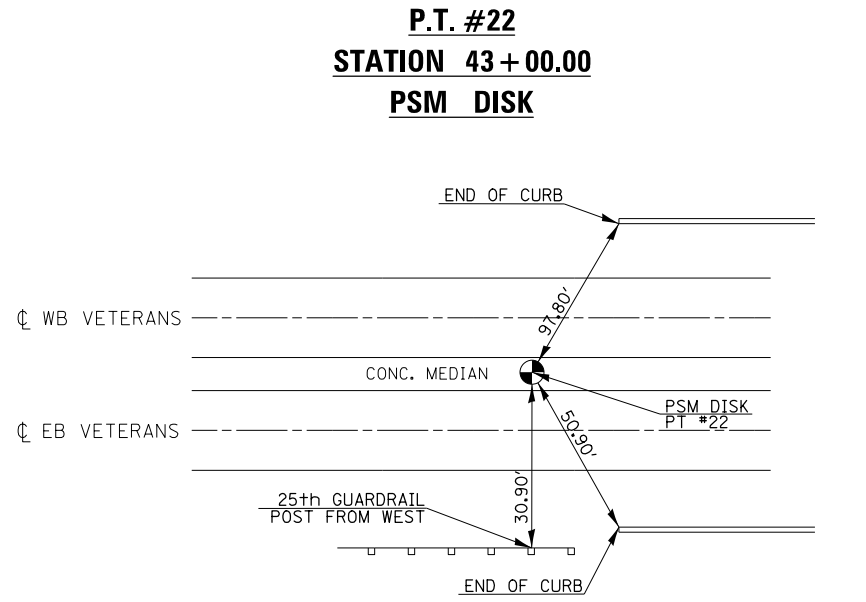
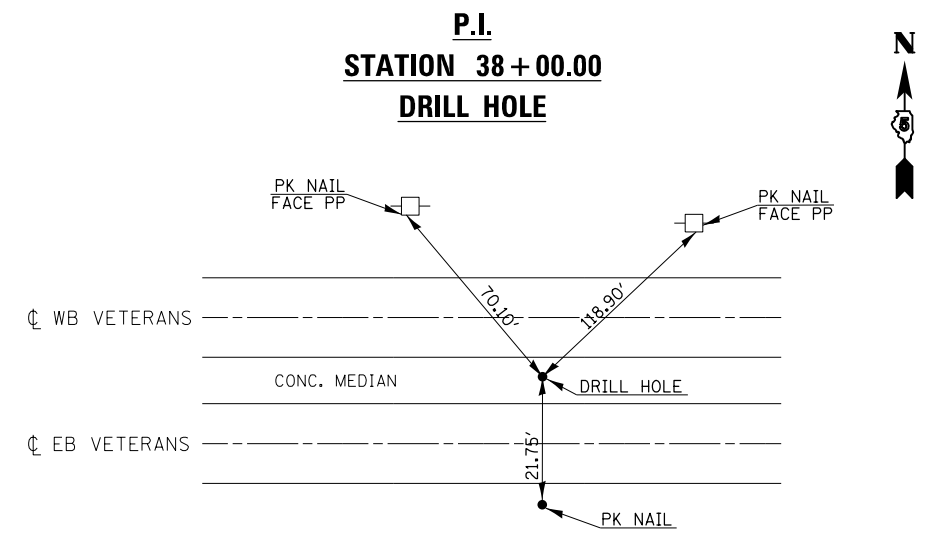
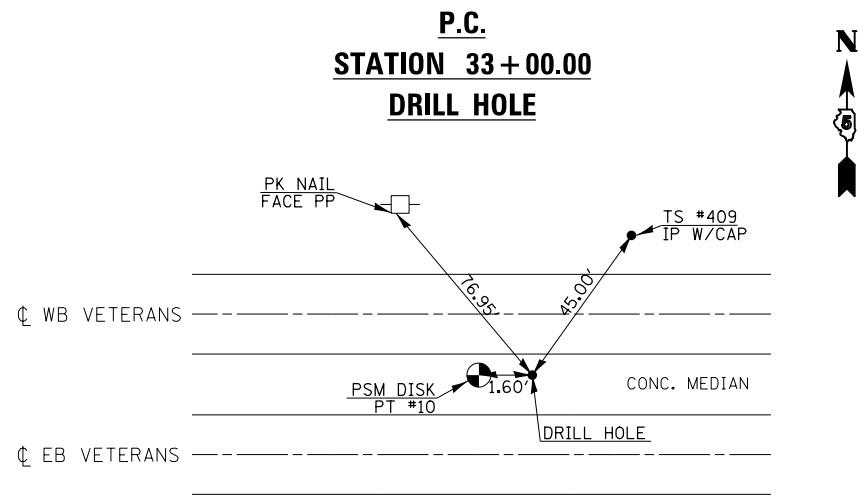
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	PLOT DATE = 1/26/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BUS 55 PLAN SHEET - ALIGNMENT

SCALE: 1" = 200' SHEET 4 OF 5 SHEETS STA. 60+00.00 TO STA. 108+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)I	McLean	180	34
CONTRACT NO. 70B25				
ILLINOIS FED. AID PROJECT				

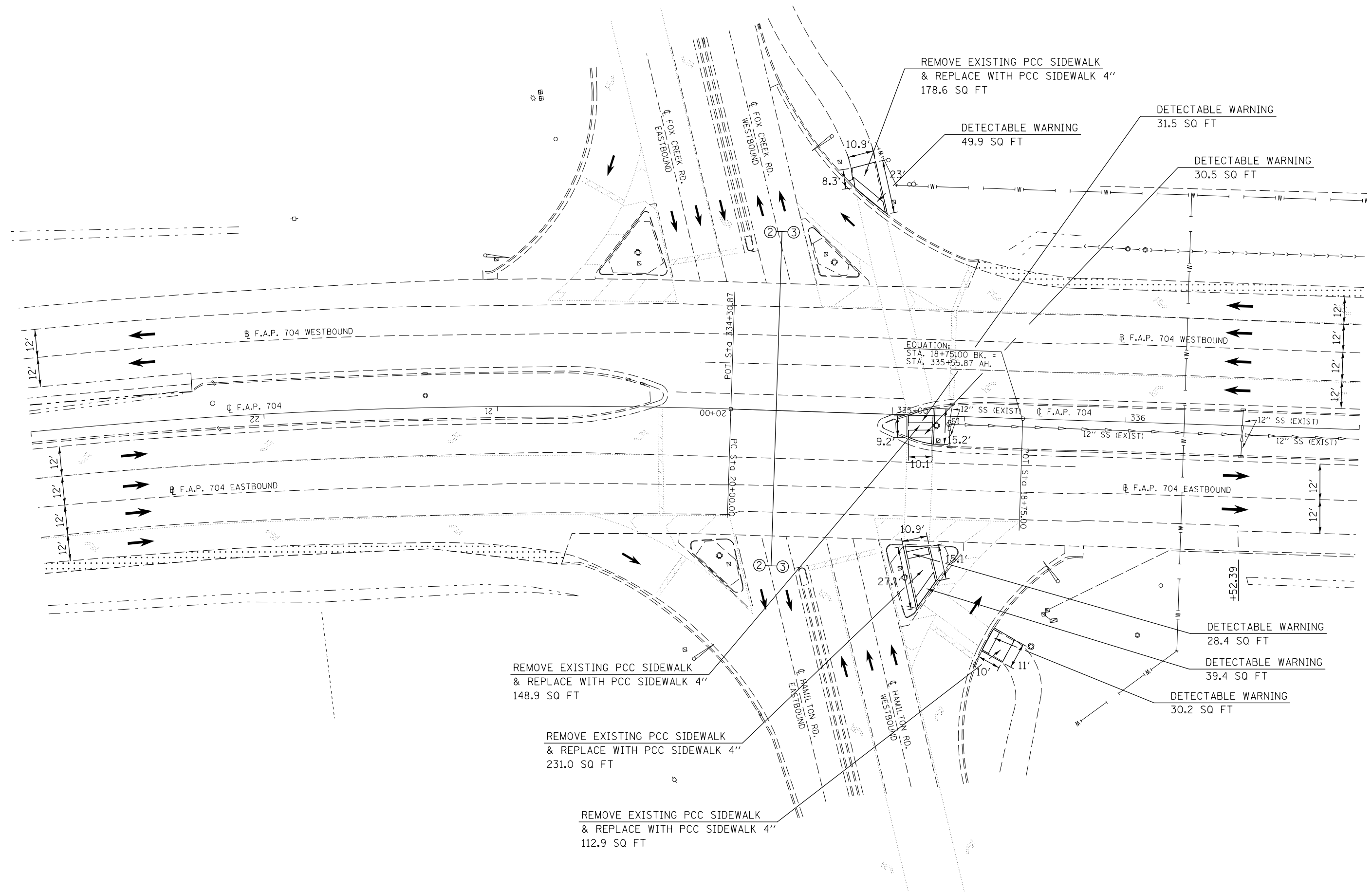
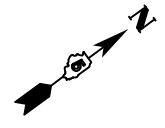


BENCHMARKS

- BM #4920-1 STA. 339+50.46, 66.17' RT
CHISELED SQUARE, TOP OF CENTER OF EAST PIPE CULVERT HEADWALL FROM INTERSECTION OF I-55 BUS AND FOX CREEK RD
GO NORTHEASTERLY ALONG I-55 BUS 0.10 MI TO MARK ON THE RIGHT
ELEV. = 850.49
- BM #4920-3 STA. 32+98.32, 0.15' LT
BRASS DISK IN CONCRETE MEDIAN
FROM INTERSECTION OF I-55 BUS AND FOX CREEK RD
GO NORTHEASTERLY ALONG I-55 BUS 1.10 MI TO MARK ON THE LEFT
ELEV. = 835.63
- BM #4920-4 STA. 49+08.87, 29.59' RT
CHISELED SQUARE, TOP OF PARAPET WALL AT SE CORNER OF BRIDGE FROM INTERSECTION OF I-55 BUS AND FOX CREEK RD
GO NORTHEASTERLY ALONG I-55 BUS 1.40 MI TO MARK ON THE RIGHT
ELEV. = 831.22
- BM #4920-5 STA. 61+68.87, 88.92' LT
CHISELED SQUARE, TOP OF CONCRETE RETAINING WALL AT "THE GREAT ESCAPE"
FROM INTERSECTION OF I-55 BUS AND FOX CREEK RD
GO NORTHEASTERLY ALONG I-55 BUS 1.64 MI TO MARK ON THE LEFT
ELEV. = 844.06

- BM #4920-6 STA. 75+68.82, 28.75' LT
CHISELED SQUARE, TOP OF PARAPET WALL AT NE CORNER OF RR BRIDGE FROM INTERSECTION OF I-55 BUS AND FOX CREEK RD
GO NORTHEASTERLY ALONG I-55 BUS 1.90 MI TO MARK ON THE LEFT
ELEV. = 887.06
- BM #4920-7 STA. 107+44, 90' RT
CHISELED SQUARE, N SIDE OF LIGHT POLE FOUNDATION, NE QUADRANT OF HAYASHI RESTAURANT PARKING LOT FROM INTERSECTION OF I-55 BUS AND FOX CREEK RD
GO NORTHEASTERLY ALONG I-55 BUS 2.20 MI TO MARK ON THE RIGHT
ELEV. = 859.82
- BM #4920-8 STA. 11+00, 13.59' RT (NW RAMP)
CHISELED SQUARE, CENTER OF N HEADWALL OF BOX CULVERT UNDER NW RAMP, STRUCTURE NO. 057-8204
IN NW QUADRANT OF VETERANS PARKWAY AND BUS 51 INTERCHANGE
ELEV. = 808.85
- BM #4920-9 STA. 20+39.13, 49.46' LT (SW RAMP)
CHISELED SQUARE, CENTER OF N HEADWALL OF BOX CULVERT UNDER SW RAMP, STRUCTURE NO. 057-8205
IN SW QUADRANT OF VETERANS PARKWAY AND BUS 51 INTERCHANGE
ELEV. = 814.16

FILE NAME =	USER NAME = dodgems	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TIE POINTS AND BENCHMARKS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	et:\pwork\pwork\dot\dodgems\d0421881\0570825-sh-t-ATB.dgn	DRAWN -	REVISED -			704	(57-7)I	McLean	180	35	
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 70B25					
	PLOT DATE = 1/26/2015	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

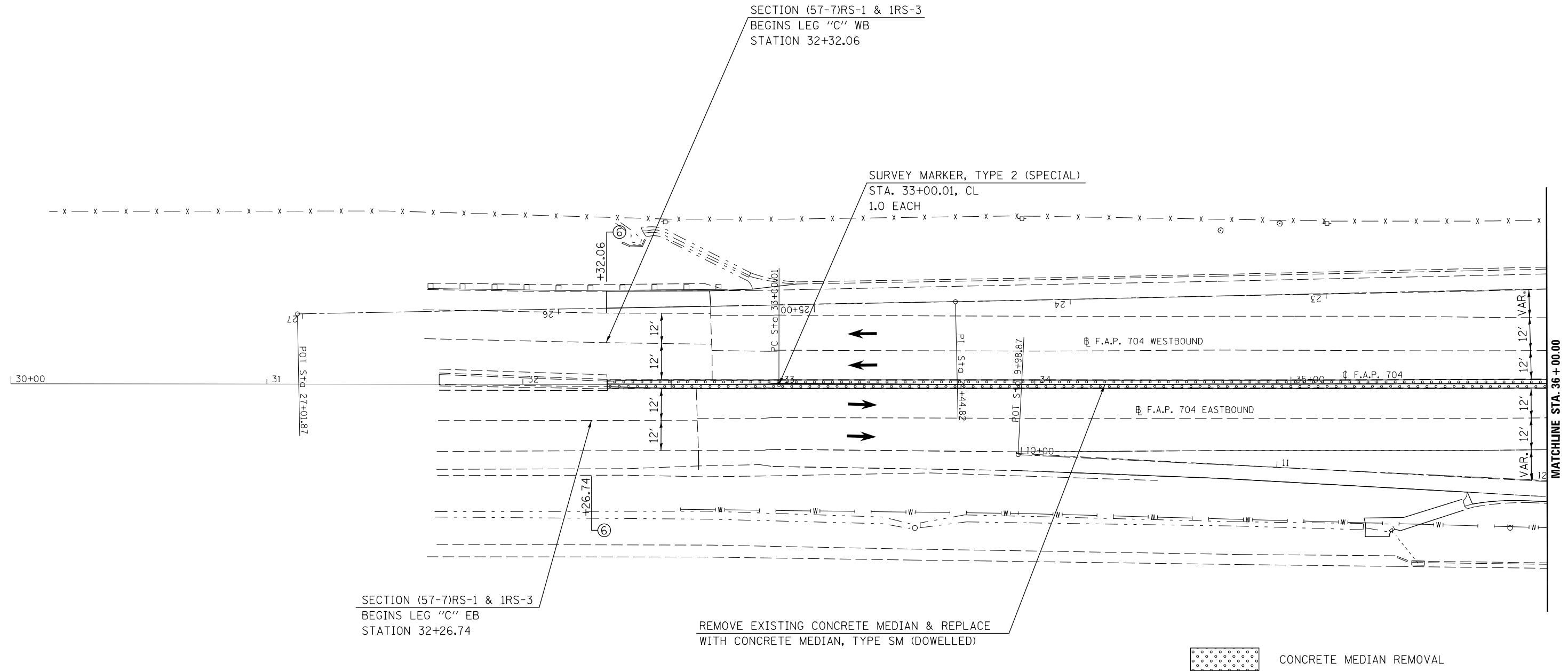


FILE NAME =	USER NAME = dodgems	DESIGNED -	REVISED -
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/26/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BUS 55 PLAN SHEET			
SCALE: 1" = 20'	SHEET 1	OF 11 SHEETS	STA. 23+00.00 TO STA. 337+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)I	McLean	180	36
CONTRACT NO. 70B25			ILLINOIS FED. AID PROJECT	



FILE NAME =	USER NAME = dodgems	DESIGNED -	REVISED -
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/26/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BUS 55 PLAN SHEET

SCALE: 1" = 20' SHEET 2 OF 11 SHEETS STA. 32+26.74 TO STA. 36+00.00

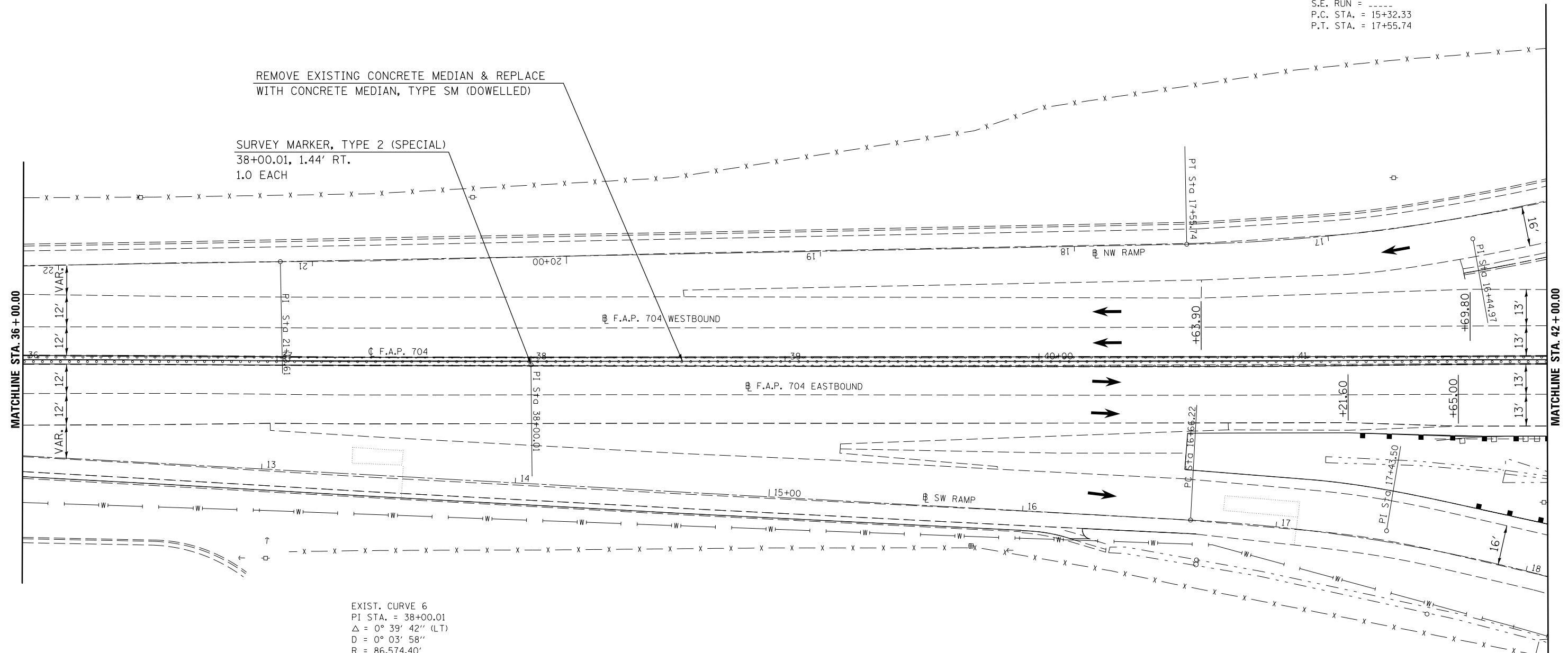
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)I	McLean	180	37
CONTRACT NO. 70B25				
ILLINOIS FED. AID PROJECT				

EXIST. CURVE 2
 PI STA. = 16+44.97
 $\Delta = 18^\circ 07' 37''$ (RT)
 D = 8° 06' 49"
 R = 706.17'
 T = 112.65'
 L = 223.41'
 E = 8.93'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 15+32.33
 P.T. STA. = 17+55.74



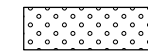
REMOVE EXISTING CONCRETE MEDIAN & REPLACE
 WITH CONCRETE MEDIAN, TYPE SM (DOWELLED)

SURVEY MARKER, TYPE 2 (SPECIAL)
 38+00.01, 1.44' RT.
 1.0 EACH



EXIST. CURVE 6
 PI STA. = 38+00.01
 $\Delta = 0^\circ 39' 42''$ (LT)
 D = 0° 03' 58"
 R = 86,574.40'
 T = 500.00'
 L = 999.99'
 E = 1.44'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 33+00.01
 P.T. STA. = 43+00.00

EXIST. CURVE 96
 PI STA. = 17+43.50
 $\Delta = 12^\circ 36' 04''$ (RT)
 D = 8° 11' 07"
 R = 699.99'
 T = 77.29'
 L = 153.95'
 E = 4.25'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 16+66.22
 P.T. STA. = 18+20.17



CONCRETE MEDIAN REMOVAL

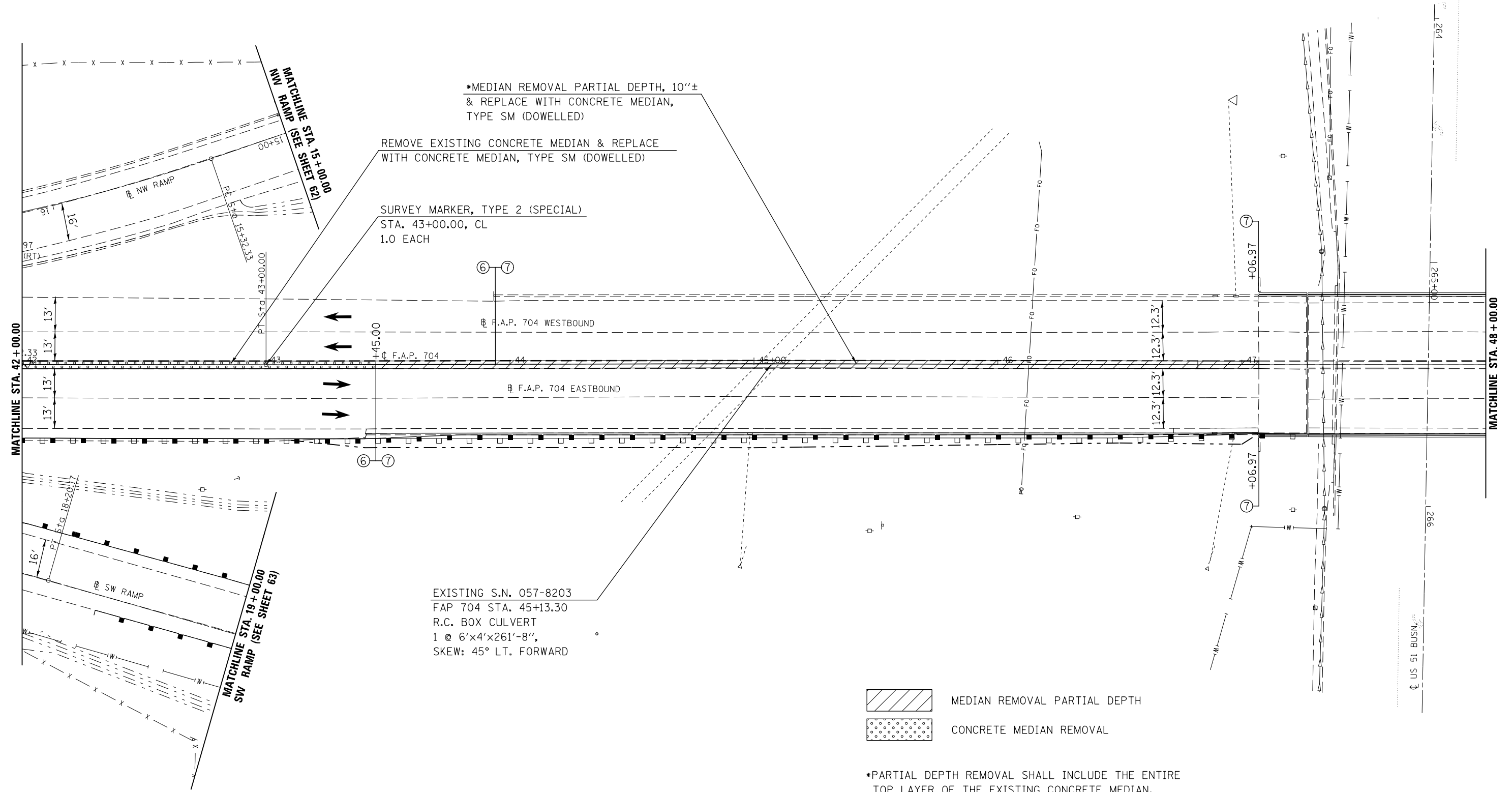
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/26/2015	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

BUS 55 PLAN SHEET

SCALE: 1" = 20' SHEET 3 OF 11 SHEETS STA. 36+00.00 TO STA. 42+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)I	McLean	180	38
CONTRACT NO. 70B25			ILLINOIS FED. AID PROJECT	


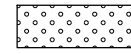


*MEDIAN REMOVAL PARTIAL DEPTH, 10''±
& REPLACE WITH CONCRETE MEDIAN,
TYPE SM (DOWELLED)

REMOVE EXISTING CONCRETE MEDIAN & REPLACE
WITH CONCRETE MEDIAN, TYPE SM (DOWELLED)

SURVEY MARKER, TYPE 2 (SPECIAL)
STA. 43+00.00, CL
1.0 EACH

EXISTING S.N. 057-8203
FAP 704 STA. 45+13.30
R.C. BOX CULVERT
1 @ 6'x4'x261'-8'',
SKEW: 45° LT. FORWARD

 MEDIAN REMOVAL PARTIAL DEPTH
 CONCRETE MEDIAN REMOVAL

*PARTIAL DEPTH REMOVAL SHALL INCLUDE THE ENTIRE
TOP LAYER OF THE EXISTING CONCRETE MEDIAN.

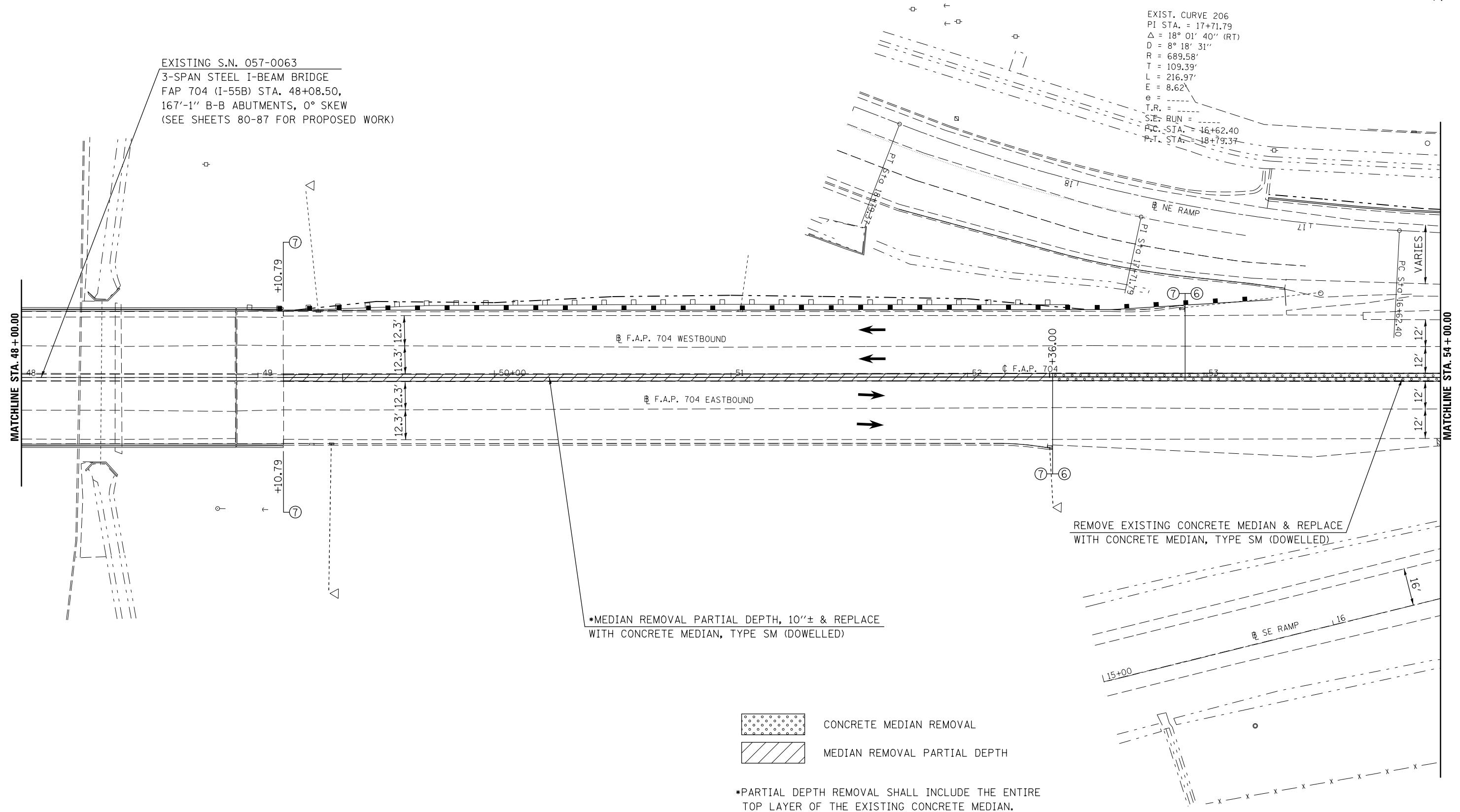
SECTION 16

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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -					704	(57-7)I	McLean	180	39	
PLOT DATE = 1/26/2015	DATE -	REVISED -	REVISED -		SCALE: 1" = 20'			SHEET 4	OF 11 SHEETS	STA. 42+00.00	TO STA. 48+00.00	CONTRACT NO. 70B25	
ILLINOIS FED. AID PROJECT													



EXISTING S.N. 057-0063
 3-SPAN STEEL I-BEAM BRIDGE
 FAP 704 (I-55B) STA. 48+08.50,
 167'-1" B-B ABUTMENTS, 0° SKEW
 (SEE SHEETS 80-87 FOR PROPOSED WORK)

EXIST. CURVE 206
 PI STA. = 17+71.79
 $\Delta = 18^\circ 01' 40''$ (RT)
 $D = 8^\circ 18' 31''$
 $R = 689.58'$
 $T = 109.39'$
 $L = 216.97'$
 $E = 8.62'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 16+62.40$
 $P-T. STA. = 18+79.37$



SECTION 16

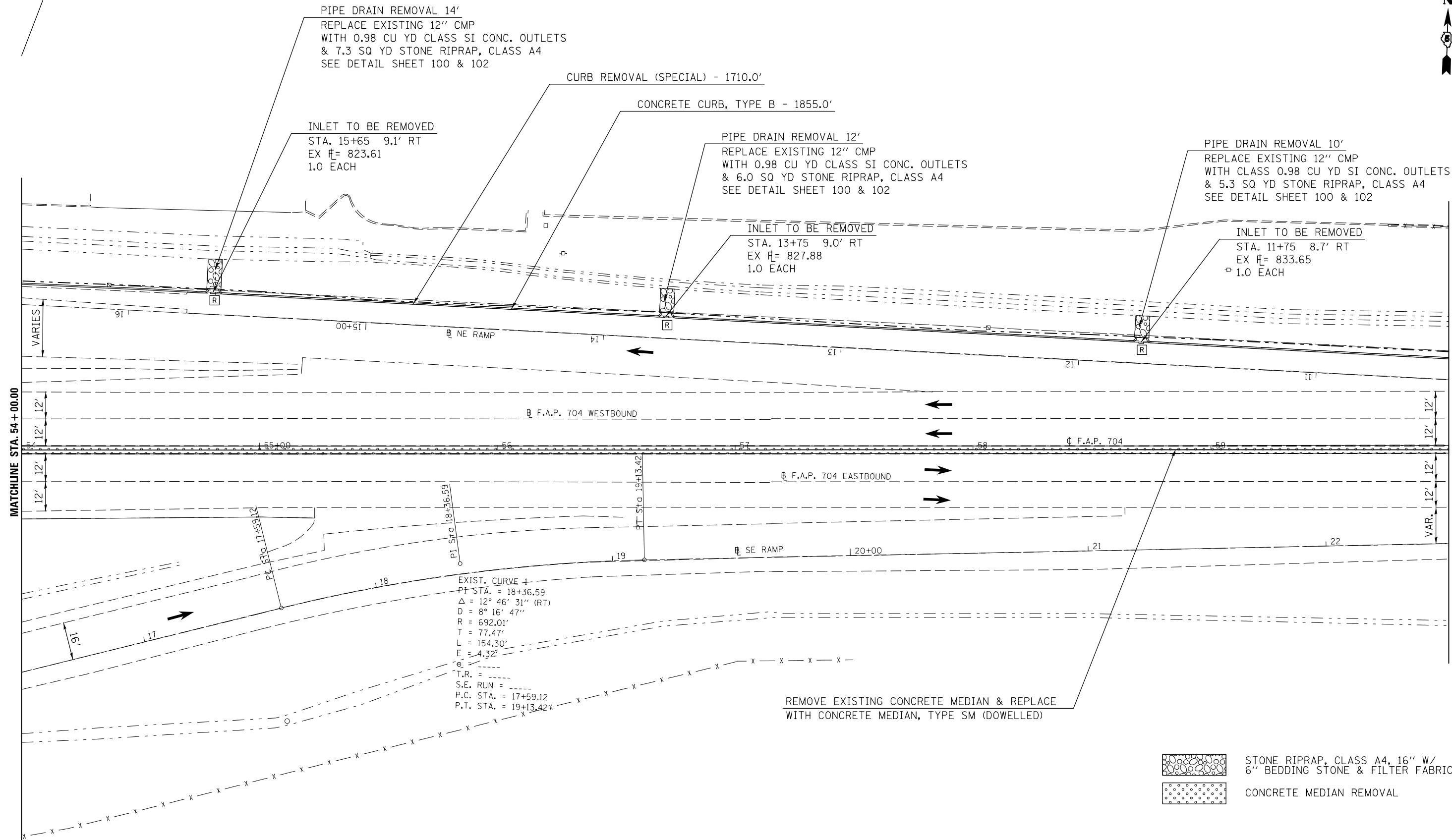
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/26/2015	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

BUS 55 PLAN SHEET

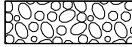
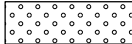
SCALE: 1" = 20' SHEET 5 OF 11 SHEETS STA. 48+00.00 TO STA. 54+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)I	McLean	180	40
CONTRACT NO. 70B25			ILLINOIS FED. AID PROJECT	

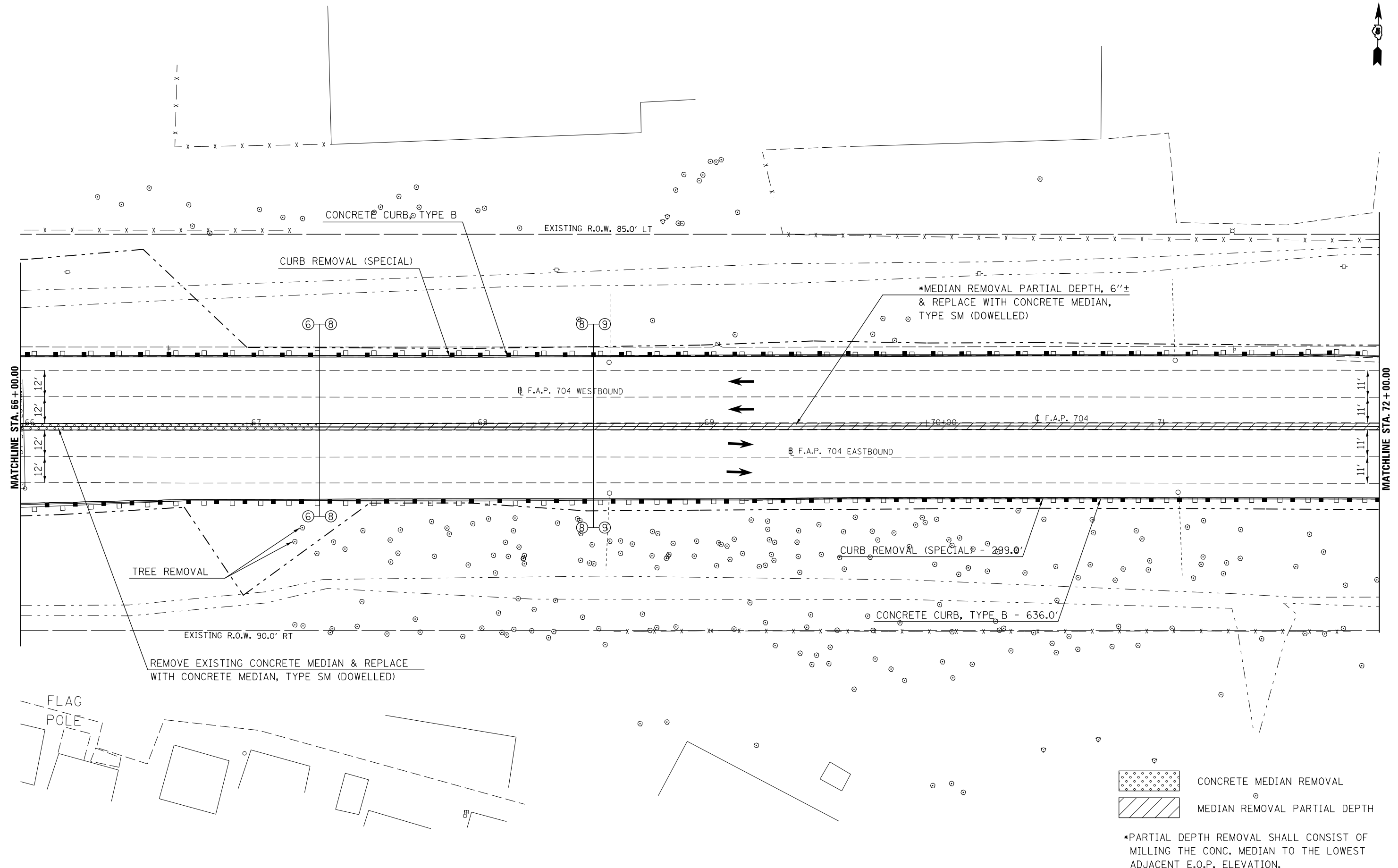


EXIST. CURVE +
 PI STA. = 18+36.59
 Δ = 12° 46' 31" (RT)
 D = 8° 16' 47"
 R = 692.01'
 T = 77.47'
 L = 154.30'
 E = 4.32'
 T.R. =
 S.E. RUN =
 P.C. STA. = 17+59.12
 P.T. STA. = 19+13.42

REMOVE EXISTING CONCRETE MEDIAN & REPLACE WITH CONCRETE MEDIAN, TYPE SM (DOWELLED)

 STONE RIPRAP, CLASS A4, 16" W/ 6" BEDDING STONE & FILTER FABRIC
 CONCRETE MEDIAN REMOVAL

FILE NAME =	USER NAME = dodgems	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUS 55 PLAN SHEET			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pwork\pwork\dot\dodgems\d0421881\0570025-sht-plan-BUS55.dgn		DRAWN -	REVISED -					704	(57-7)I	McLean	180	41
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -					CONTRACT NO. 70B25				
	PLOT DATE = 1/26/2015	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				
				SCALE: 1" = 20'				SHEET 6 OF 11 SHEETS		STA. 54+00.00 TO STA. 60+00.00		



 CONCRETE MEDIAN REMOVAL
 MEDIAN REMOVAL PARTIAL DEPTH

*PARTIAL DEPTH REMOVAL SHALL CONSIST OF MILLING THE CONC. MEDIAN TO THE LOWEST ADJACENT E.O.P. ELEVATION.

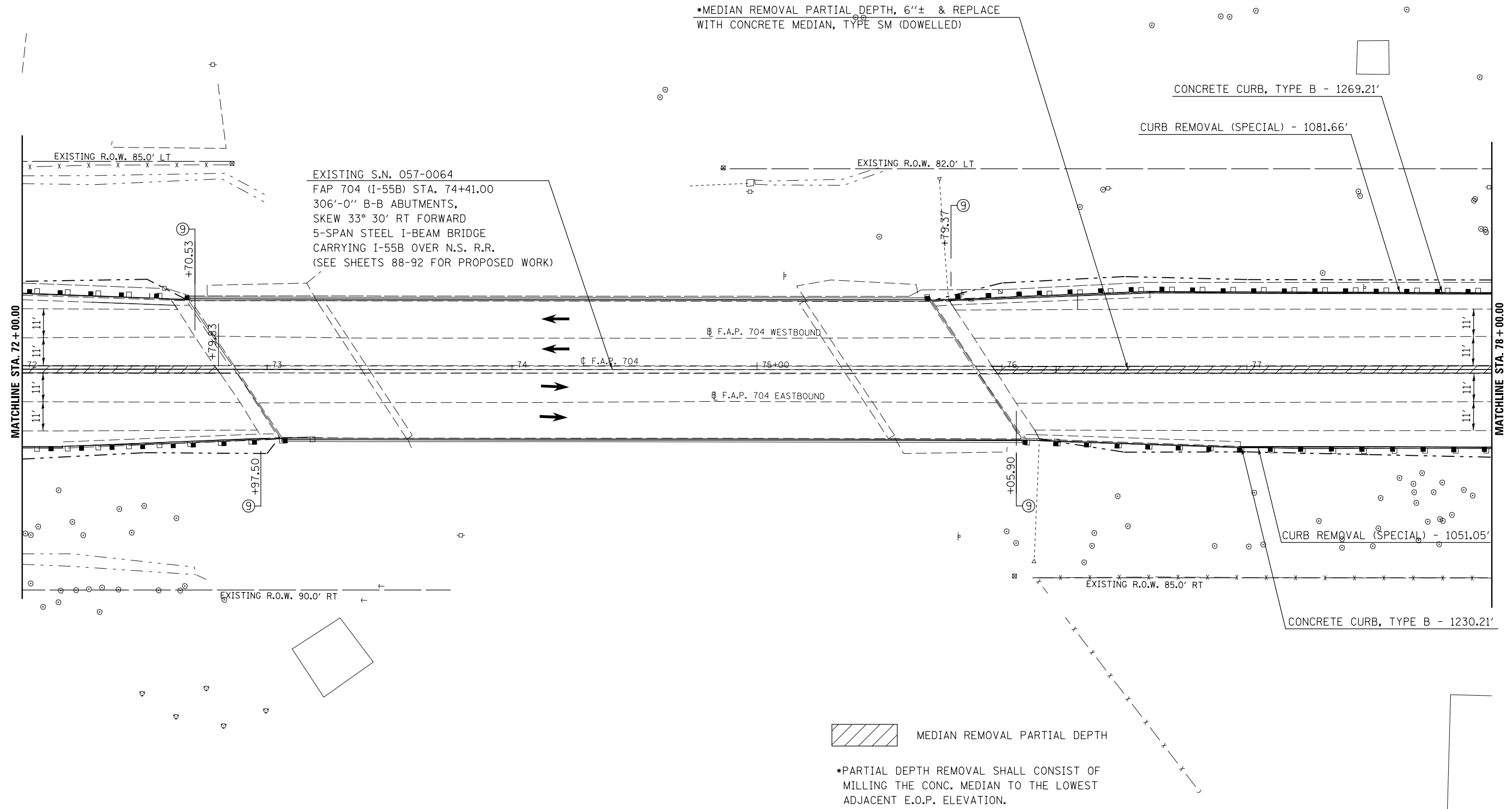
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/26/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BUS 55 PLAN SHEET

SCALE: 1" = 20' SHEET 8 OF 11 SHEETS STA. 66+00 TO STA. 72+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)I	McLean	180	43
CONTRACT NO. 70B25			ILLINOIS FED. AID PROJECT	



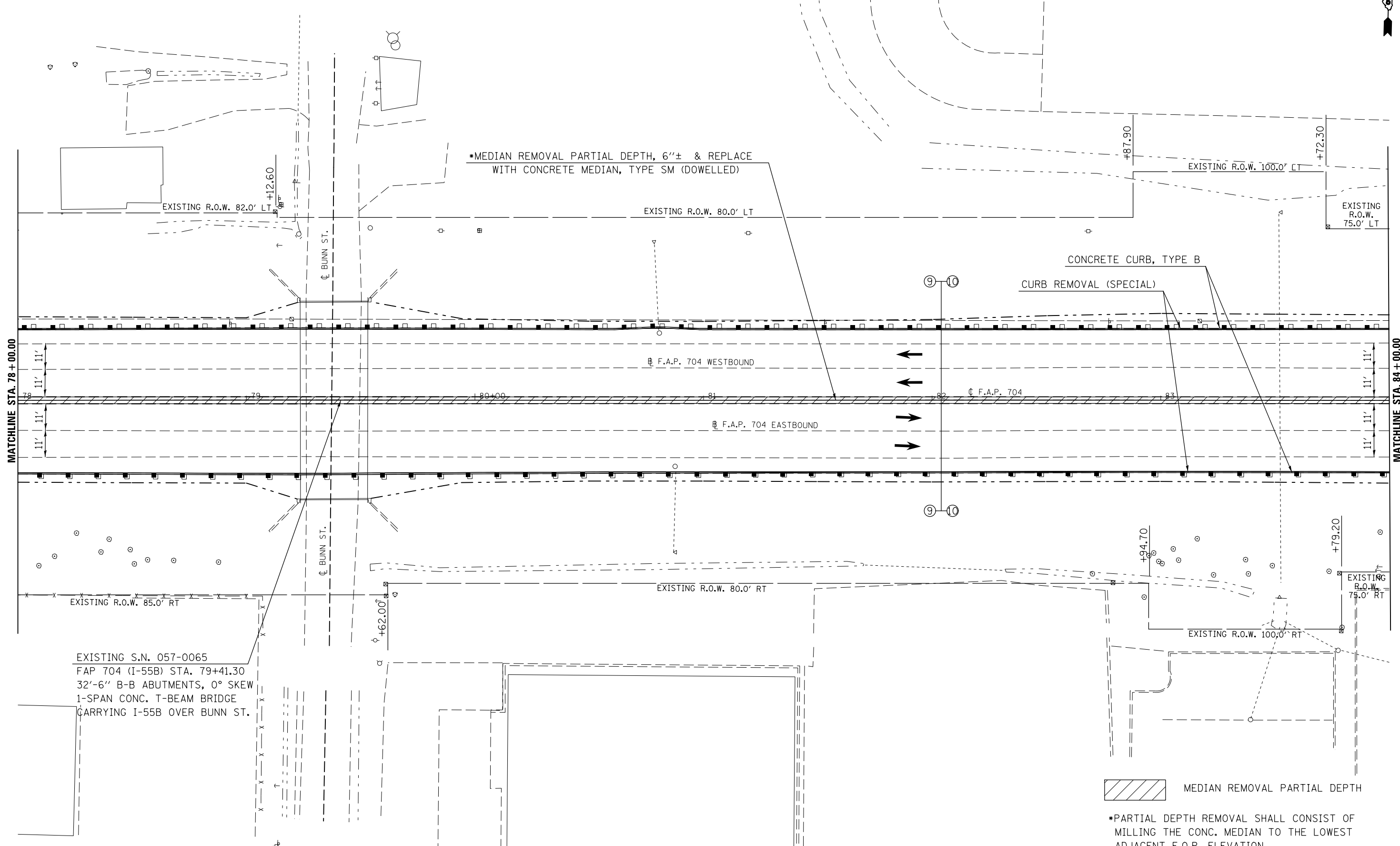
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/26/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BUS 55 PLAN SHEET

SCALE: 1" = 20' SHEET 9 OF 11 SHEETS STA. 72+00.00 TO STA. 78+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)I	McLean	180	44
CONTRACT NO. 70B25			ILLINOIS FED. AID PROJECT	



*MEDIAN REMOVAL PARTIAL DEPTH, 6"± & REPLACE WITH CONCRETE MEDIAN, TYPE SM (DOWELLED)

CONCRETE CURB, TYPE B
CURB REMOVAL (SPECIAL)

MEDIAN REMOVAL PARTIAL DEPTH

*PARTIAL DEPTH REMOVAL SHALL CONSIST OF MILLING THE CONC. MEDIAN TO THE LOWEST ADJACENT E.O.P. ELEVATION.

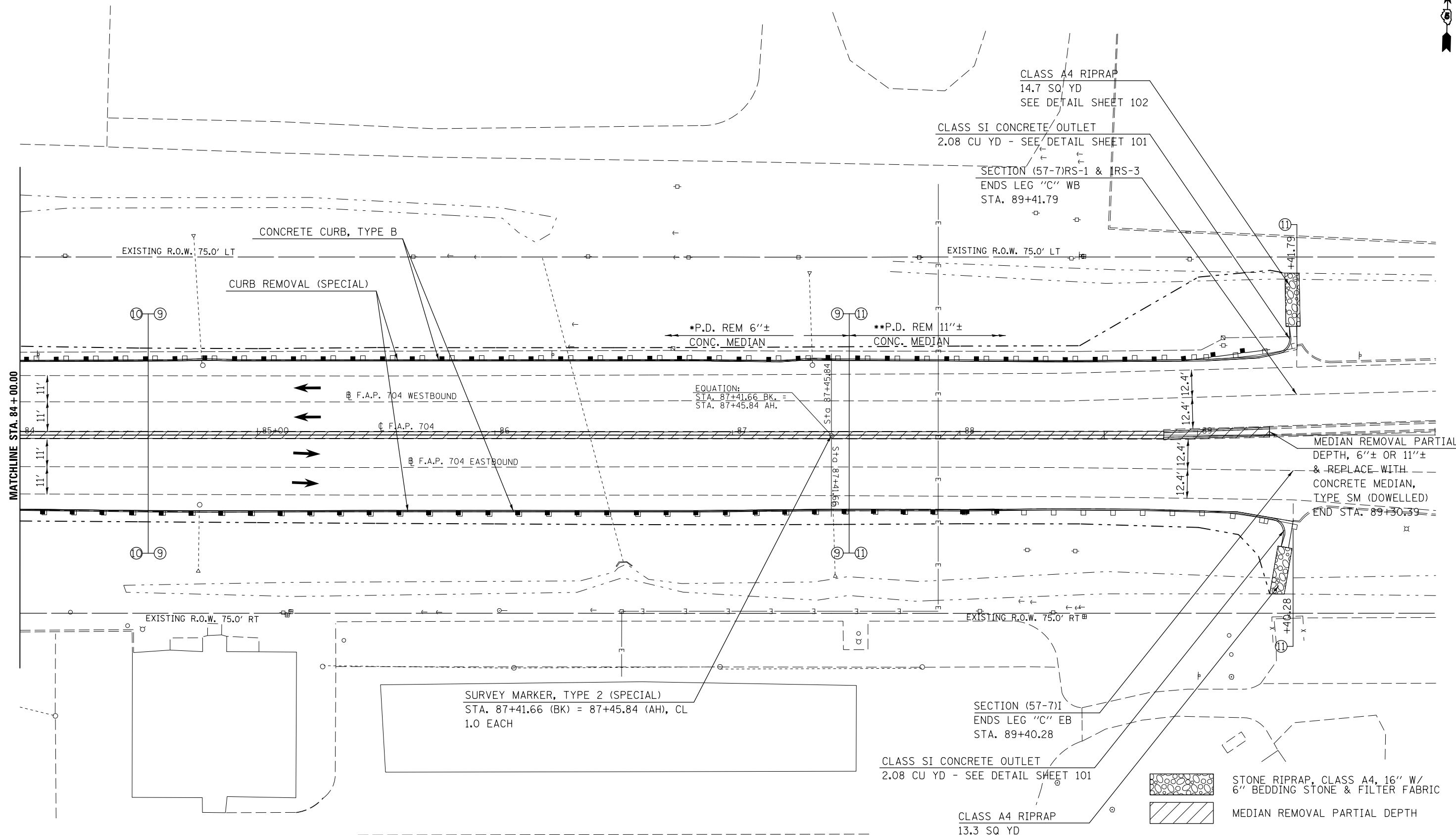
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/26/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BUS 55 PLAN SHEET

SCALE: 1" = 20' SHEET 10 OF 11 SHEETS STA. 78+00.00 TO STA. 84+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)I	McLean	180	45
CONTRACT NO. 70B25			ILLINOIS FED. AID PROJECT	



EQUATION:
 STA. 87+41.66 BK. =
 STA. 87+45.84 AH.

STONE RIPRAP, CLASS A4, 16" W/
 6" BEDDING STONE & FILTER FABRIC

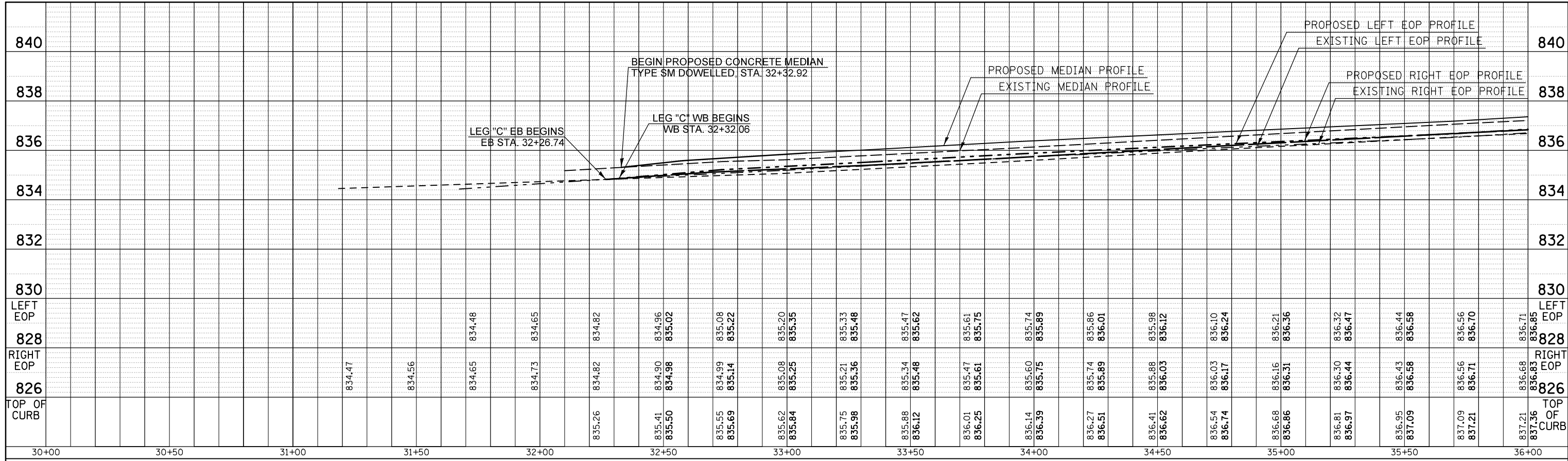
MEDIAN REMOVAL PARTIAL DEPTH

* PARTIAL DEPTH REMOVAL 6"± SHALL CONSIST OF MILLING THE CONC. MEDIAN TO THE LOWEST ADJACENT E.O.P. ELEVATION.

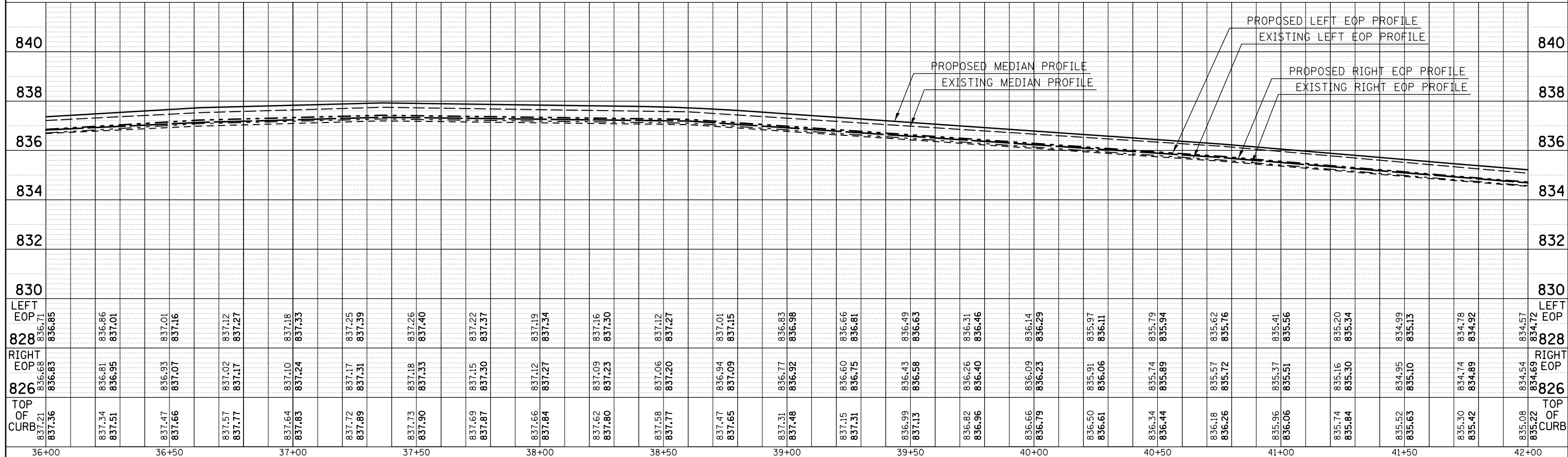
** PARTIAL DEPTH REMOVAL 11"± SHALL INCLUDE THE ENTIRE TOP LAYER OF THE EXISTING CONCRETE MEDIAN.

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PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	REVISED -		SCALE: 1" = 20'	SHEET 11 OF 11 SHEETS	STA. 84+00.00 TO STA. 89+41.79	CONTRACT NO. 70B25				
PLOT DATE = 1/26/2015	DATE -	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT							

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	ALIGNMENT CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NO. _____		
	CARD FILE NAME		



PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	ALIGNMENT CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NO. _____		
	NOTATION CHG		



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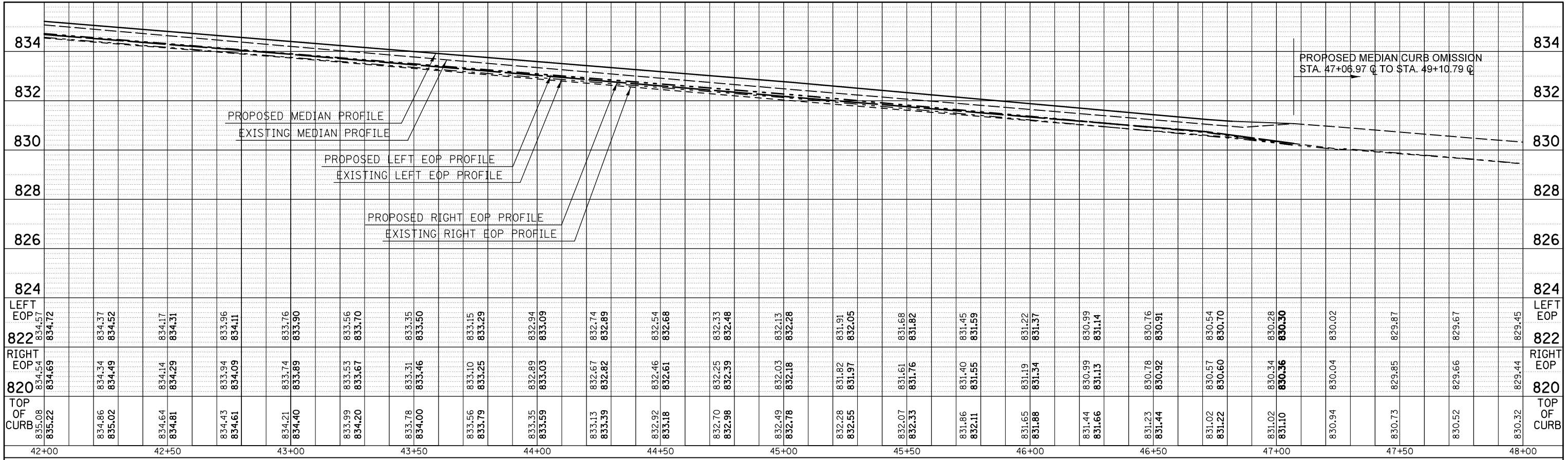
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BUS 55
MEDIAN PROFILES**

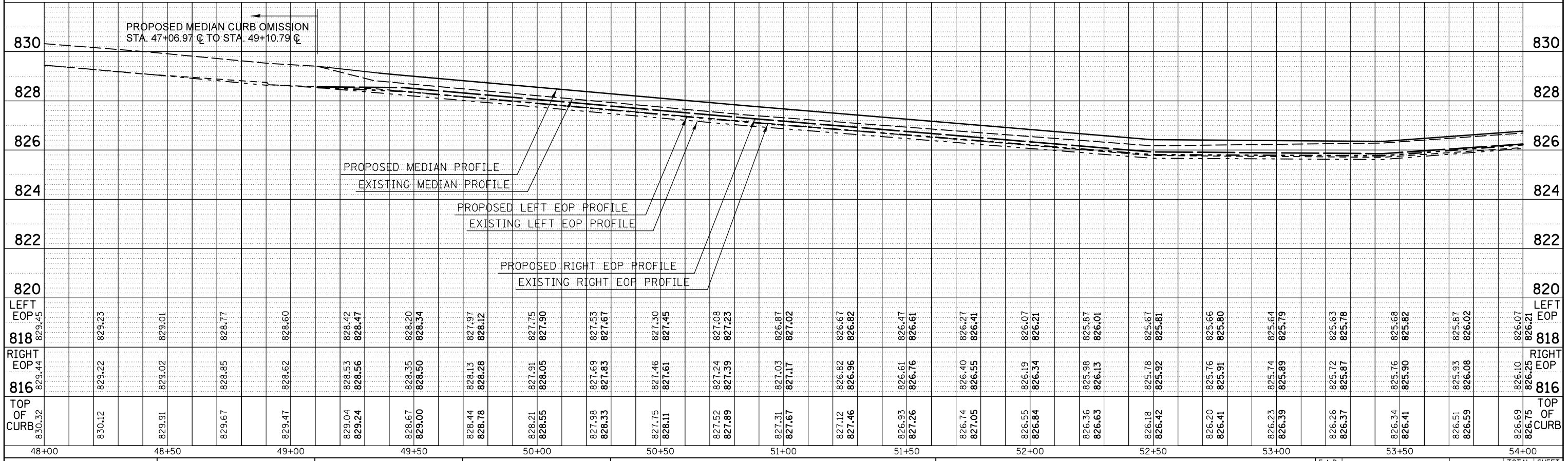
SCALE: SHEET 1 OF 7 SHEETS STA. 32+26.74 TO STA. 42+00.00

F.A.P. RFE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)I	McLean	180	47
CONTRACT NO. 70B25			ILLINOIS FED. AID PROJECT	

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	CARD FILE NAME	

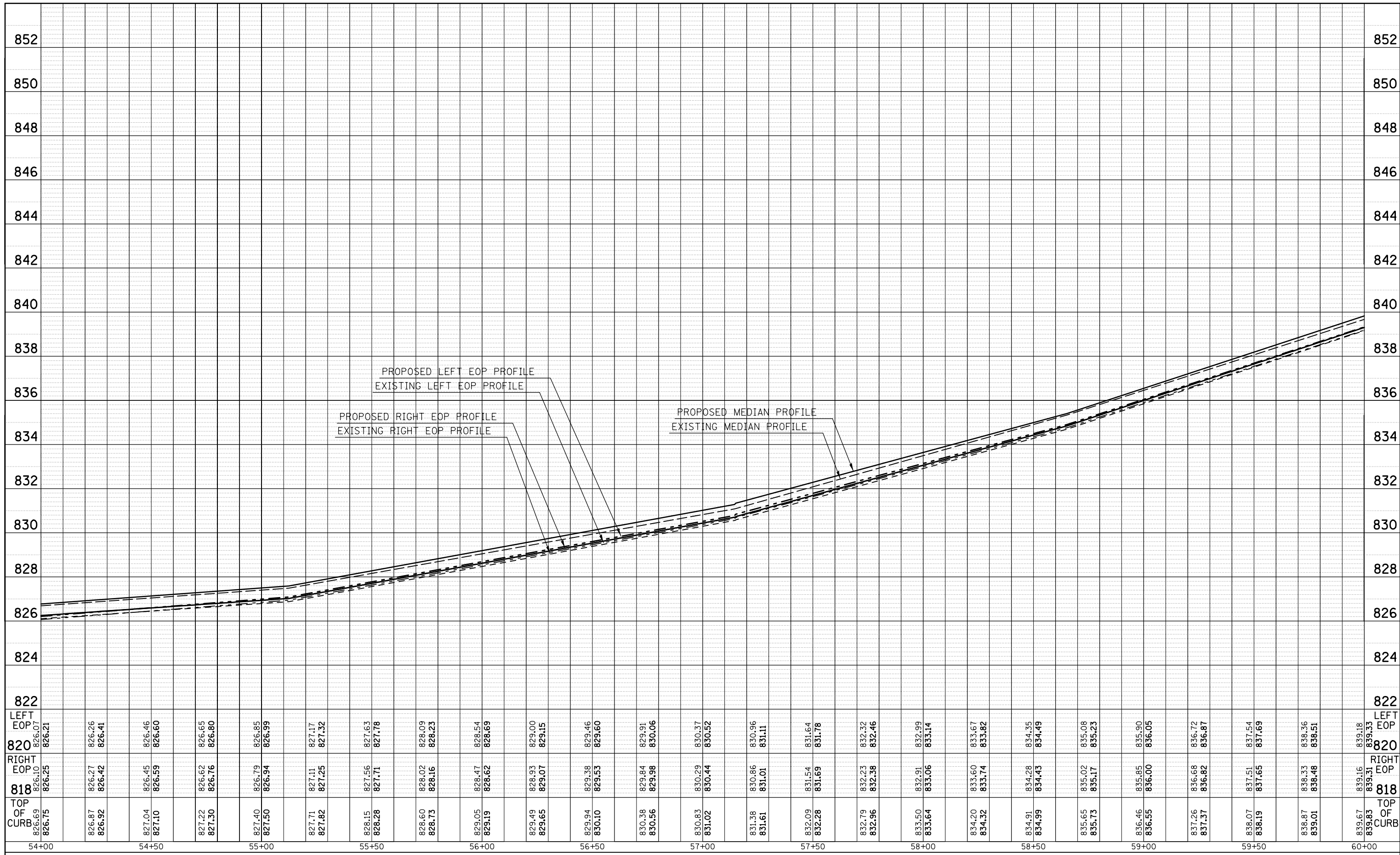


PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CARD FILE NAME	



PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	ALIGNMENT CHECKED		
	FIELD FILE NAME		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		



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	PLOT DATE = 1/26/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

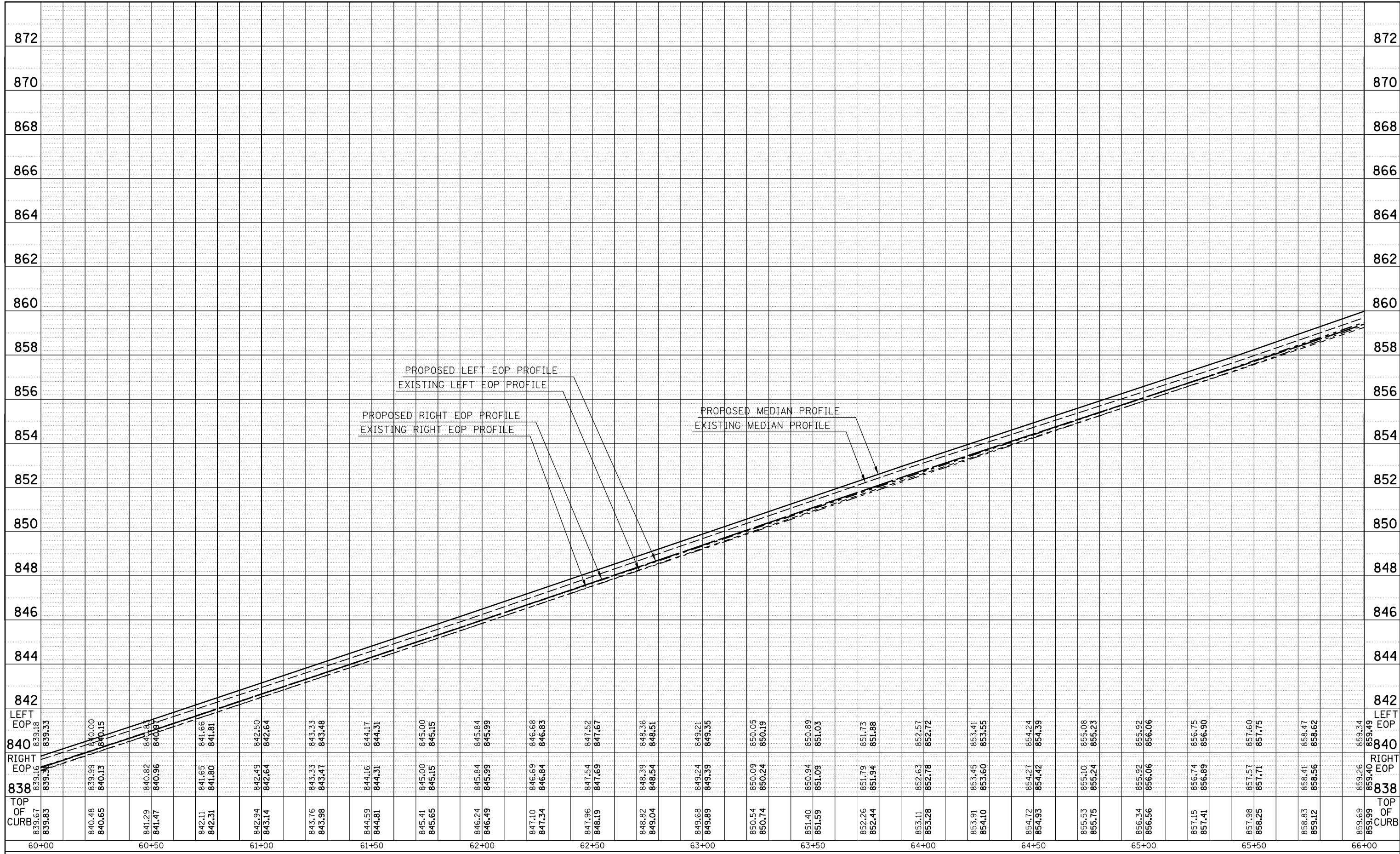
**BUS 55
MEDIAN PROFILES**

SCALE: SHEET 3 OF 7 SHEETS STA. 54+00.00 TO STA. 60+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)I	McLean	180	49
CONTRACT NO. 70B25			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	ALIGNMENT CHECKED		
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	CARD FILE NAME		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOT AT THIS OFFICE		



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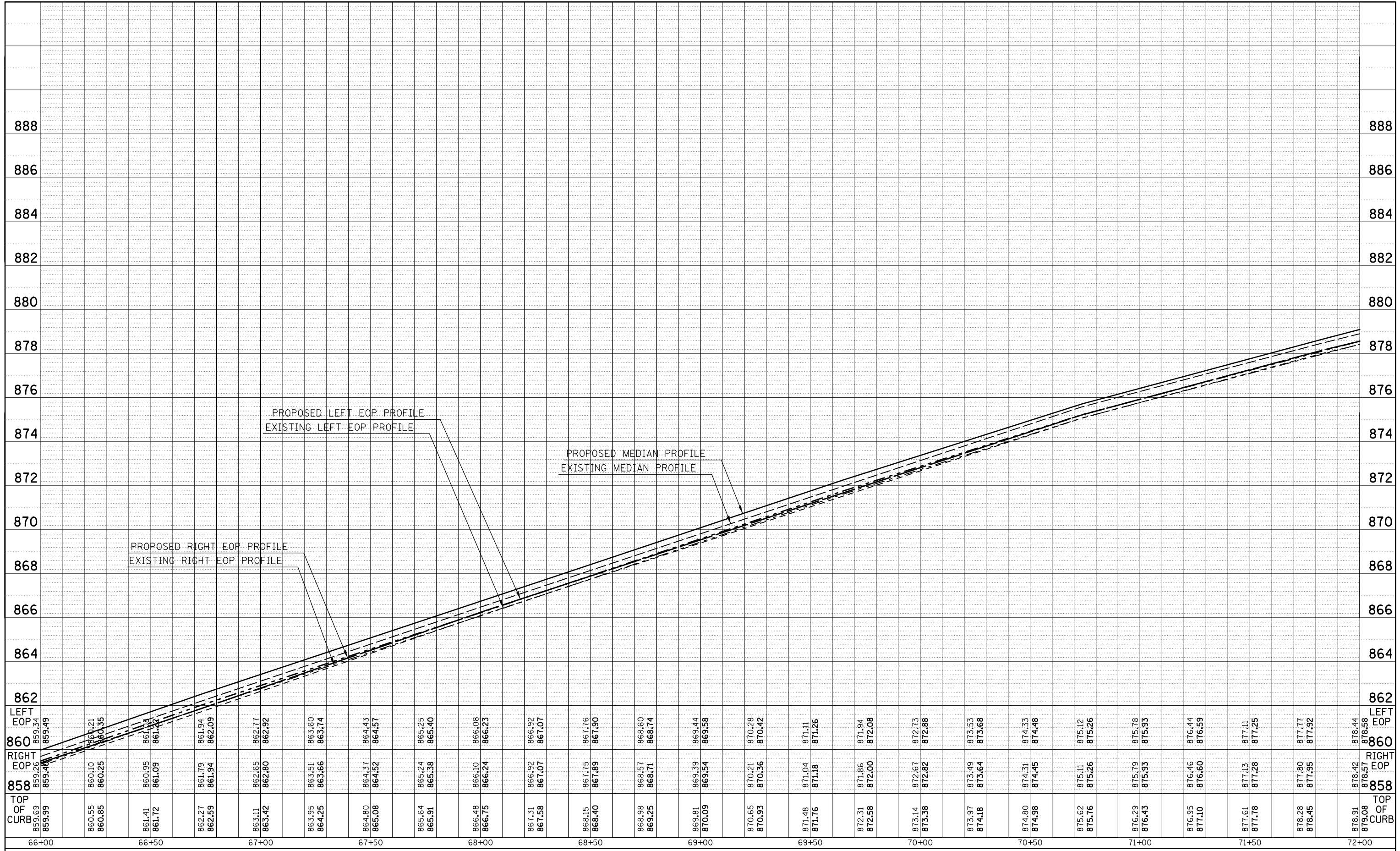
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BUS 55 MEDIAN PROFILES			
SCALE:	SHEET 4	OF 7 SHEETS	STA. 60+00.00 TO STA. 66+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)I	McLean	180	50
CONTRACT NO. 70B25			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO.		
	CHECKED		
	FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

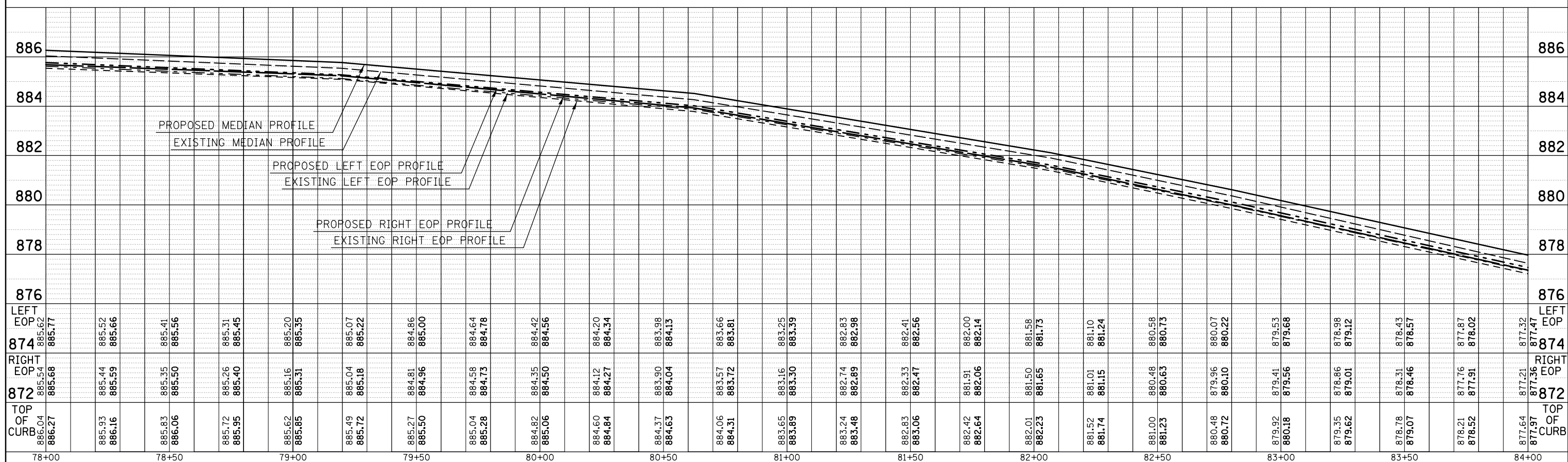
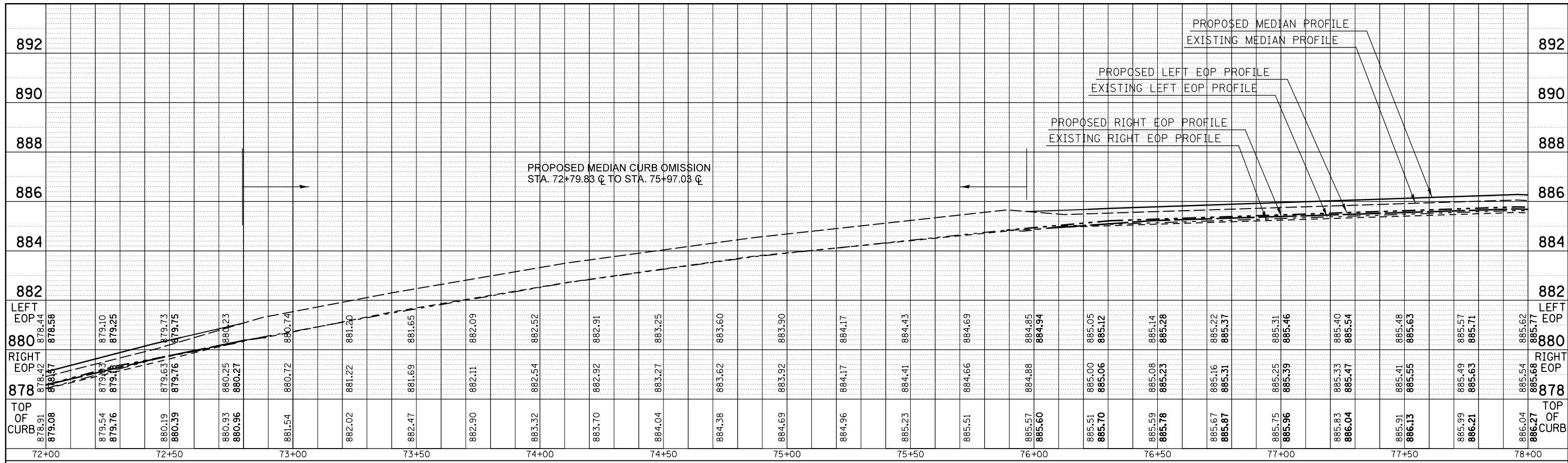
**BUS 55
MEDIAN PROFILES**

SCALE: SHEET 5 OF 7 SHEETS STA. 66+00.00 TO STA. 72+00.00

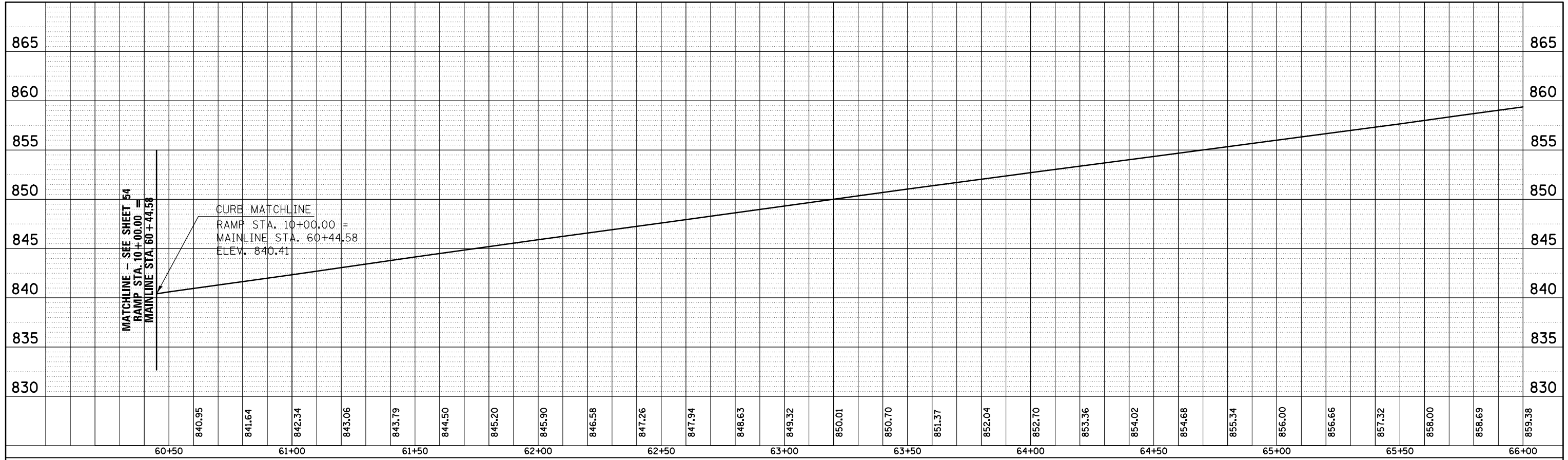
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)I	McLean	180	51
CONTRACT NO. 70B25			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	FILE NAME		
	NO.		

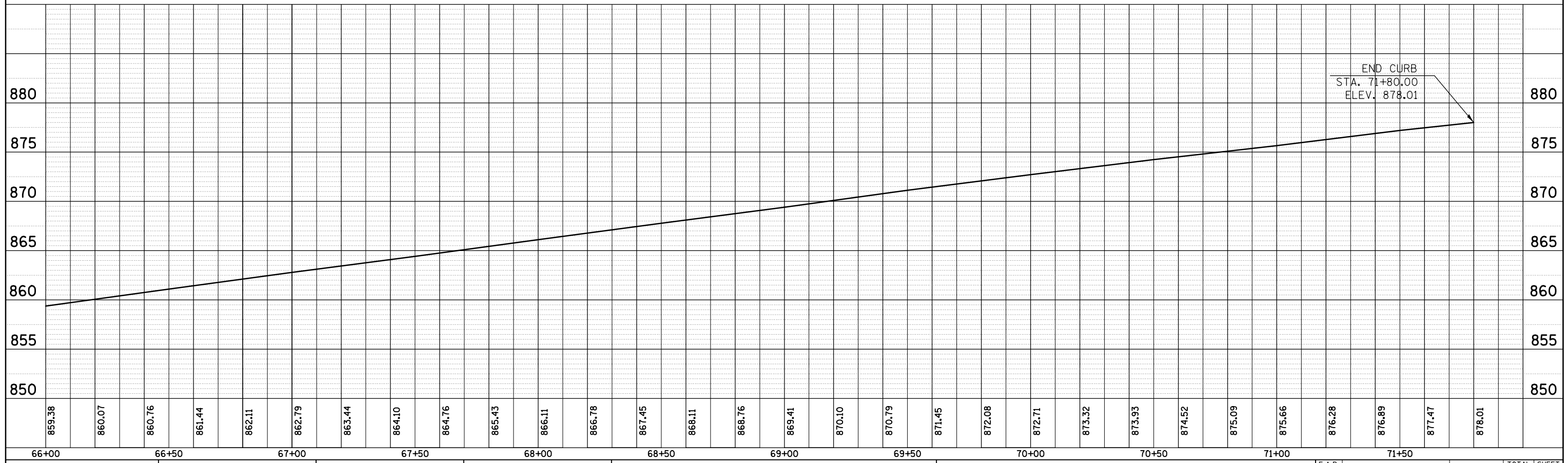
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	PLOTTED		
	GRADES CHECKED		
	STRUCTURE		
	NOTATIONS		
	CPWD		



PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNMENT CHECKED		
	NOTE BOOK NO.		
	CARD FILE NAME		



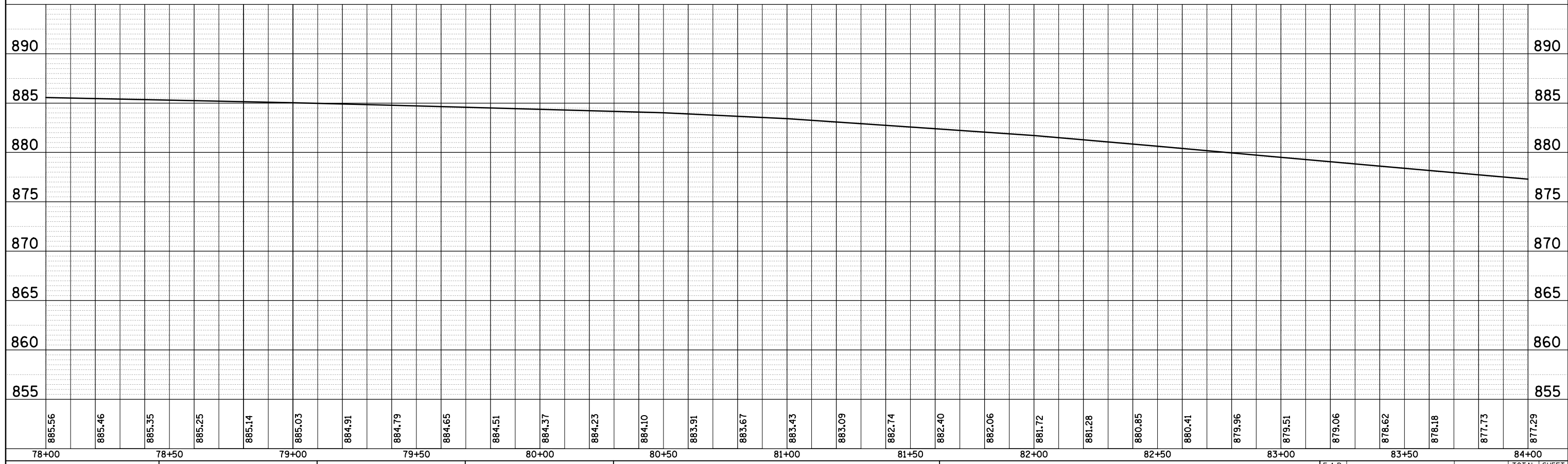
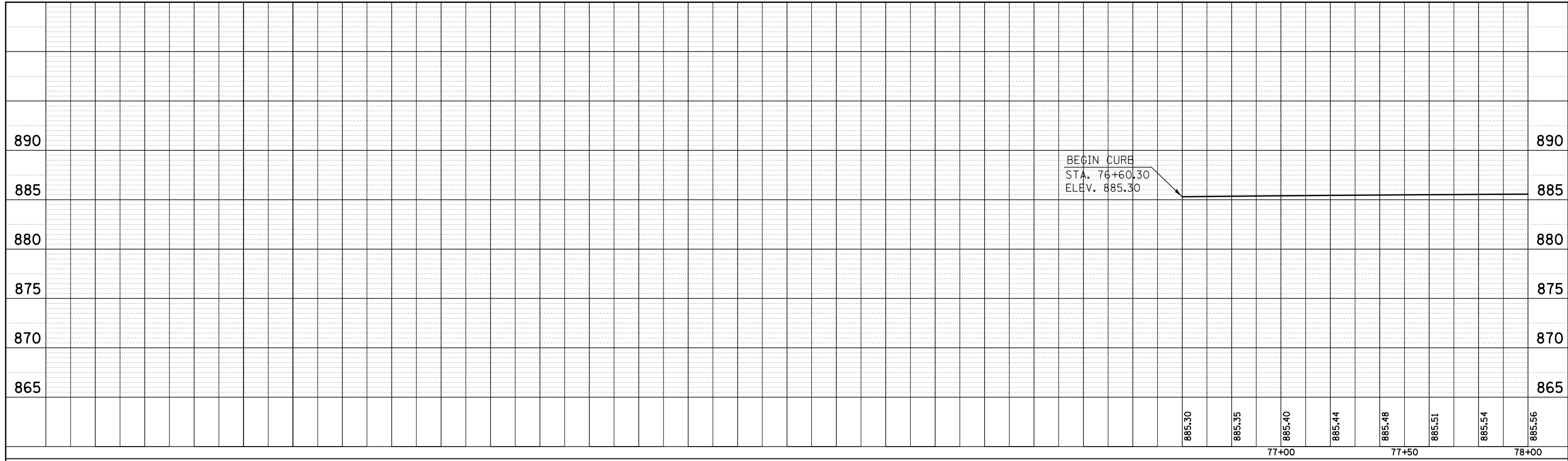
PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	NOTE BOOK NO.		
	STRUCTURE NOTATIONS CHECKED		



FILE NAME =	USER NAME = dodgms	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WEST BOUND LOCATION 1 PROPOSED TOP OF CURB PROFILE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\pwork\dodgms\10421881\0570825-sh1-profile.dgn	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -			704	(57-7)I	McLean	180	55	
MODELNAME	PLOT DATE = 1/26/2015	CHECKED -	REVISED -			CONTRACT NO. 70B25			ILLINOIS FED. AID PROJECT		
		DATE -	REVISED -			SCALE:	SHEET 1 OF 1 SHEETS	STA. 60+44.58 TO STA. 71+80.00			

PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	ALIGNMENT		
	CHECKED		
	CARD FILE NAME		

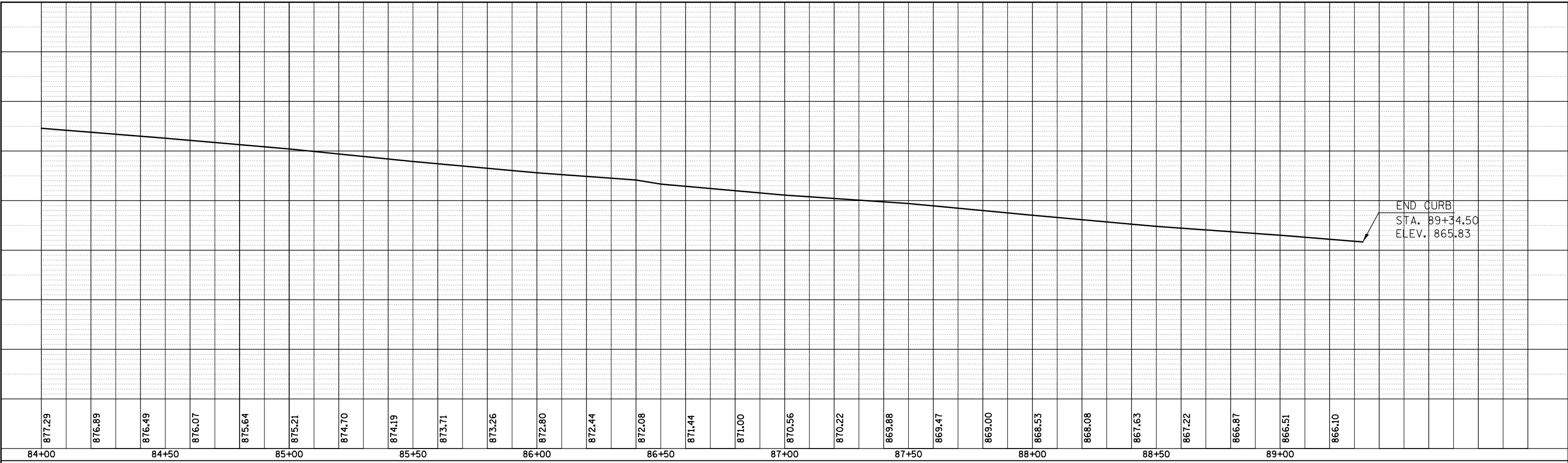
PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	GRADES CHECKED		
	STRUCTURE		
	NOTATIONS		



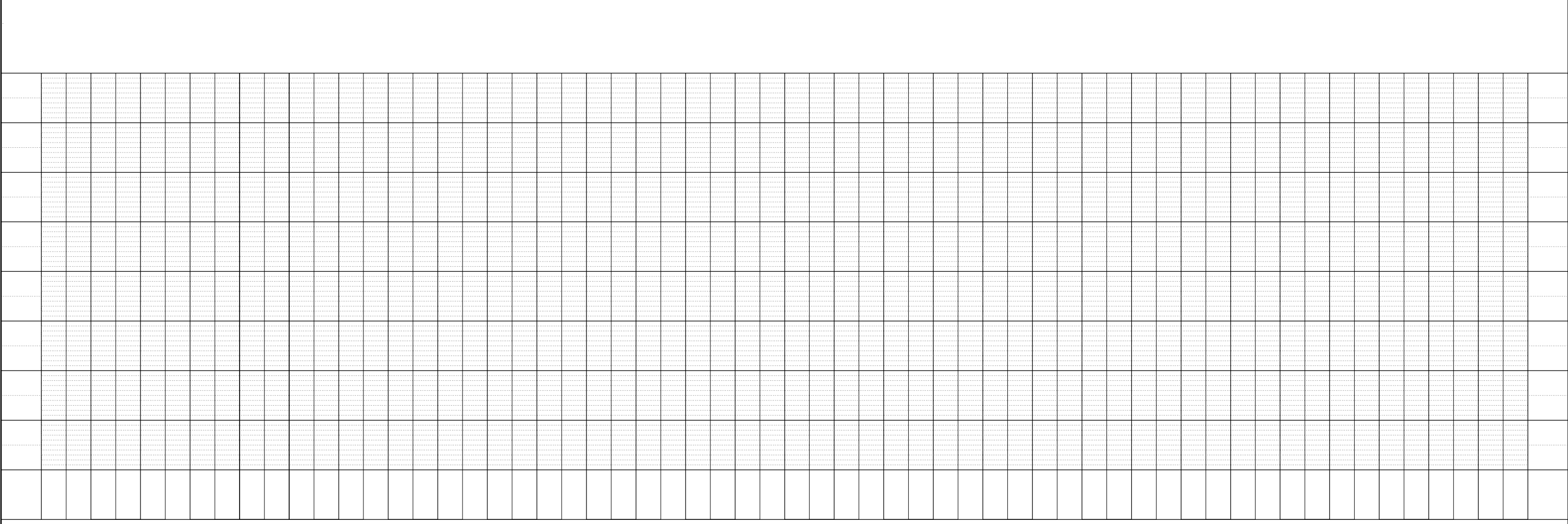
890
885
880
875
870
865
860
855
850
845

PLAN SURVEYED BY DATE
 NOTED BY DATE
 CHECKED BY DATE
 DRAWN BY DATE
 NO. _____

PROFILE SURVEYED BY DATE
 PLOTTED BY DATE
 GRADES CHECKED BY DATE
 STRUCTURE NOTATIONS CHPKD BY DATE
 NO. _____



END CURB
 STA. 89+34.50
 ELEV. 865.83



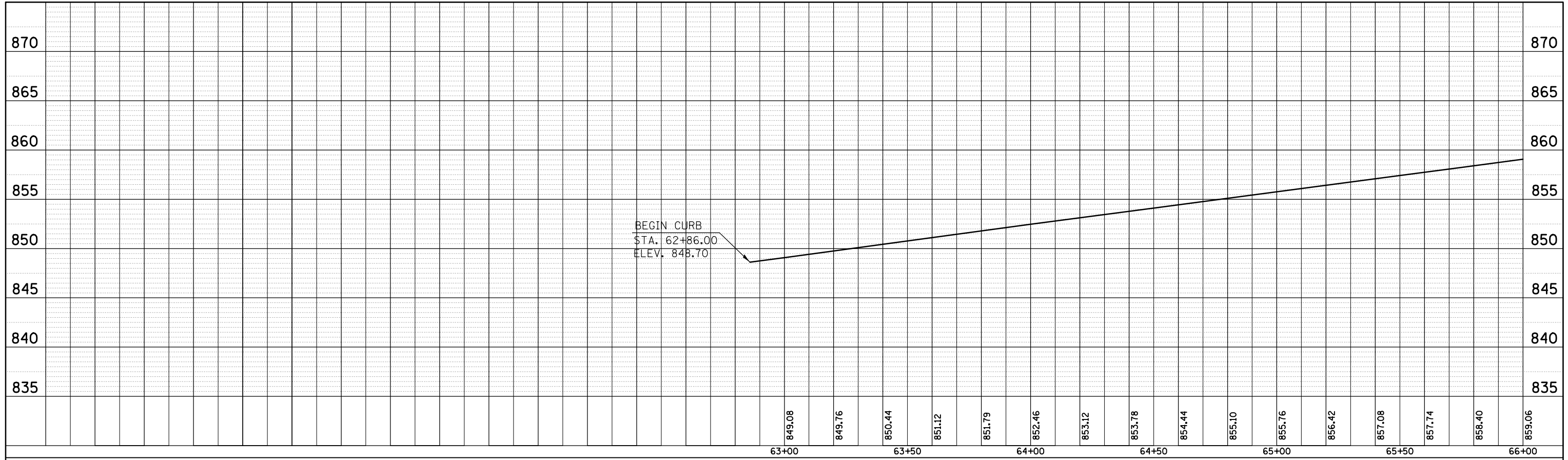
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MODELNAME	PLOT DATE = 1/26/2015	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

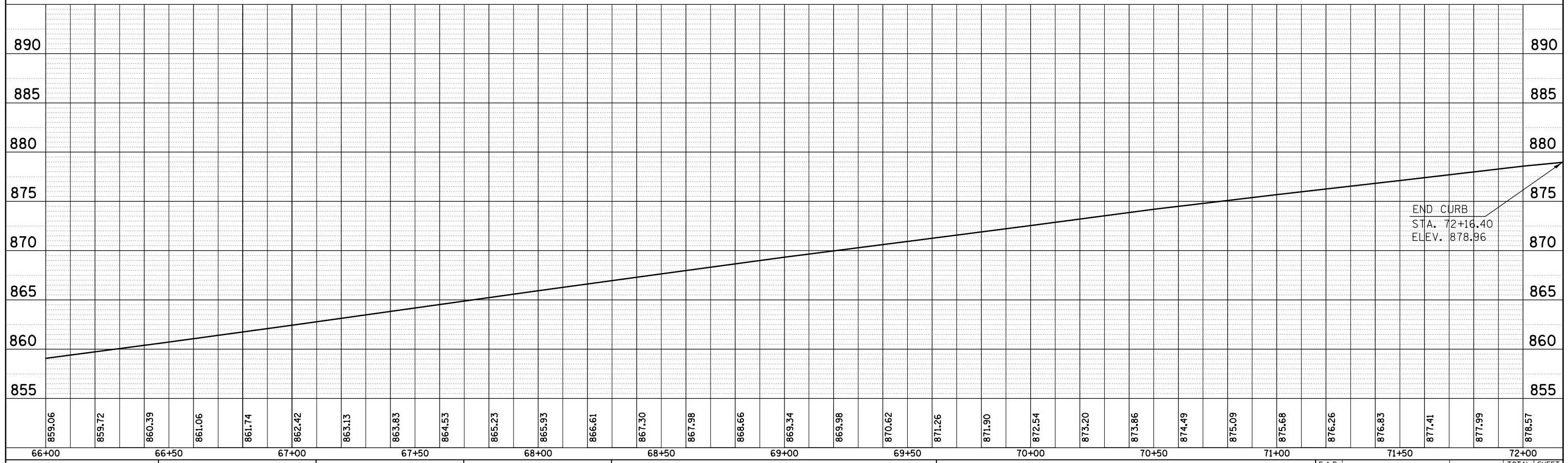
WEST BOUND LOCATION 2 PROPOSED TOP OF CURB PROFILE			
SCALE:	SHEET 2	OF 2 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)I	McLean	180	57
CONTRACT NO. 70B25			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	ALIGNMENT		
	CHECKED		
	CARD FILE NAME		



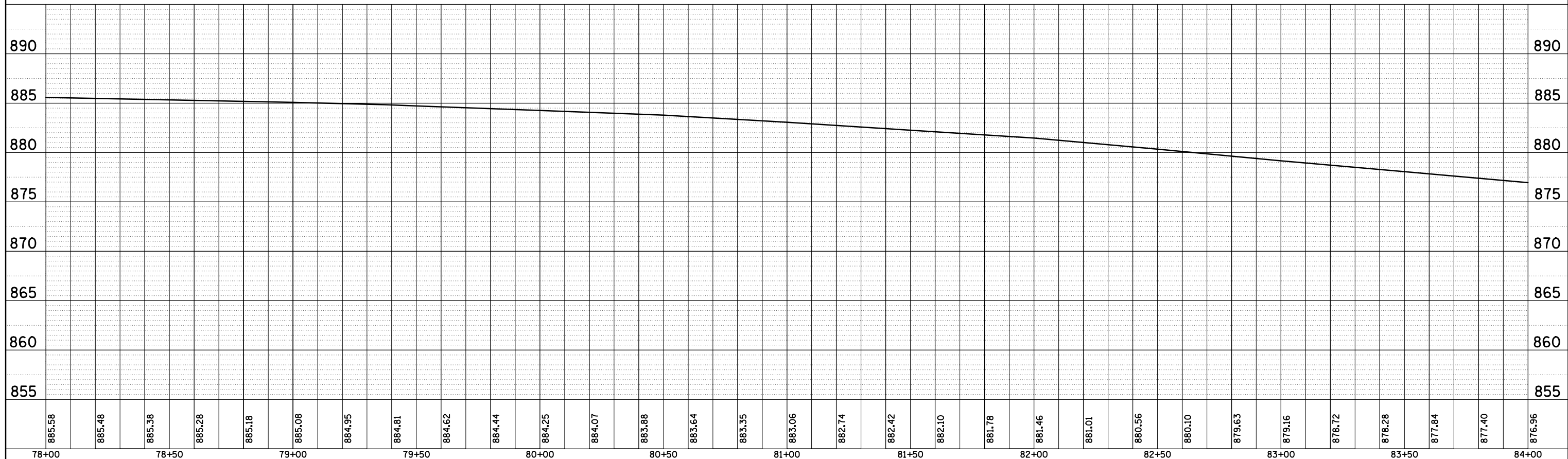
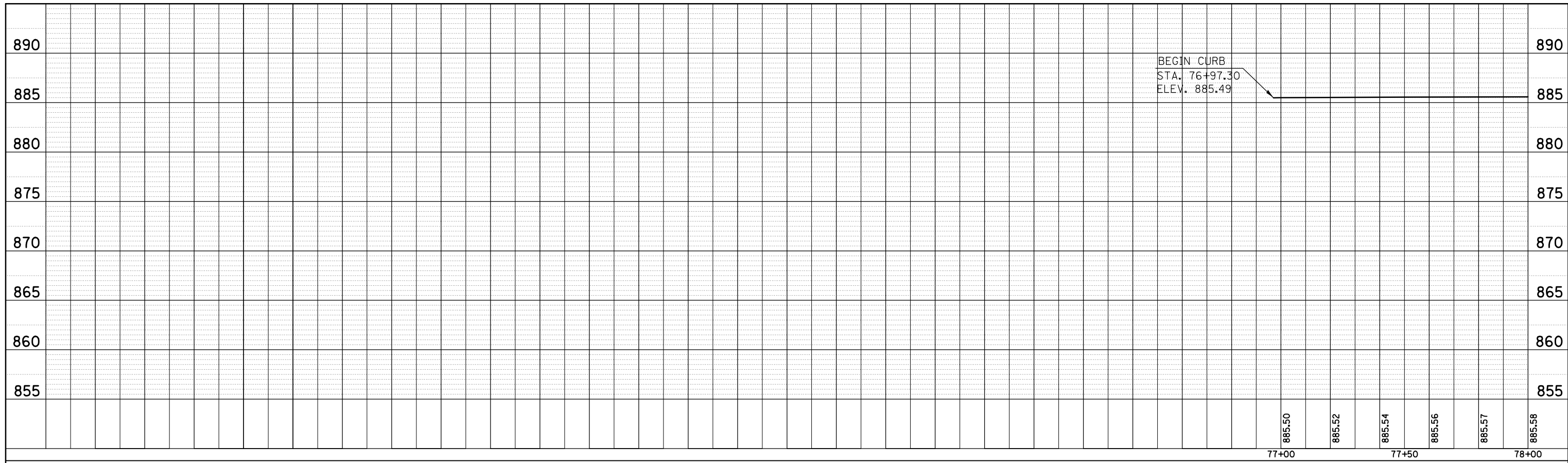
PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	GRADES CHECKED		
	STRUCTURE		
	NOTATIONS		



FILE NAME =	USER NAME = dodgms	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EAST BOUND LOCATION 1 PROPOSED TOP OF CURB PROFILE			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\dodgms\10421881\0570825-shsht-profile.dgn		DRAWN -	REVISED -		704	(57-7)I	McLean	180	58			
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -		CONTRACT NO. 70B25							
MODELNAME	PLOT DATE = 1/26/2015	DATE -	REVISED -		SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	ALIGNMENT		
	CARD FILE NAME		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	GRADES CHECKED		
	STRUCTURE		
	NOTATION CHFD		

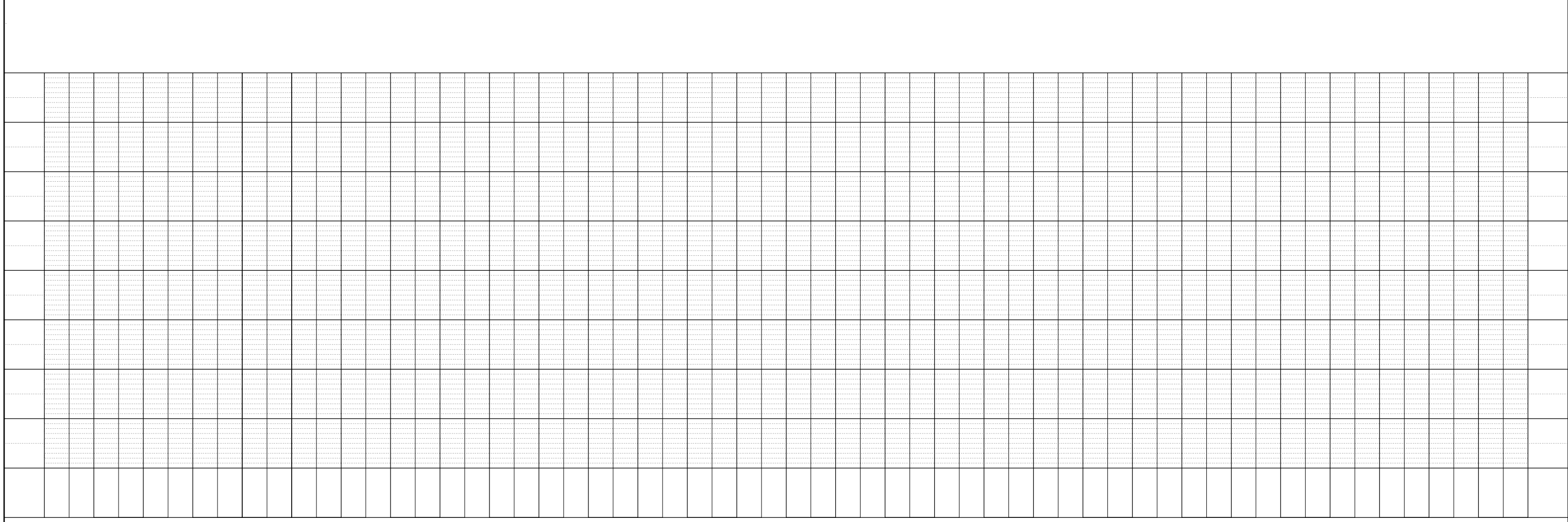
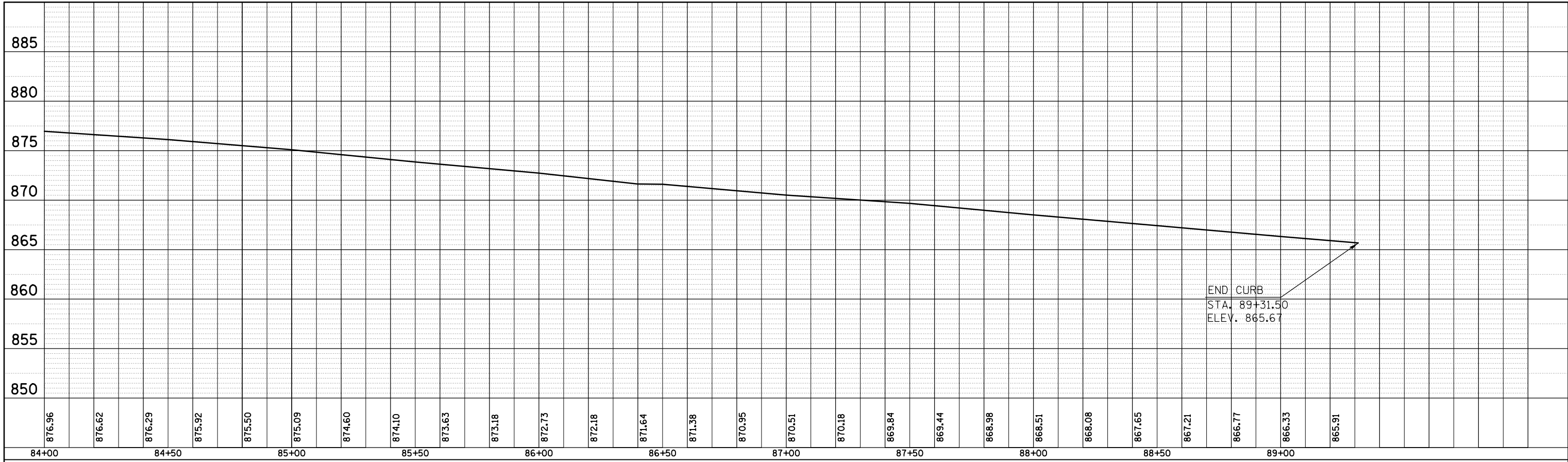


FILE NAME =	USER NAME = dodgems	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EAST BOUND LOCATION 2 PROPOSED TOP OF CURB PROFILE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\dodgems\10421881\0570825-sh1-profile.dgn		DRAWN -	REVISED -			704	(57-7)I	McLean	180	59
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -			CONTRACT NO. 70B25				
PLOT DATE = 1/26/2015		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

PLAN	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK NO.	GRADES CHECKED		
	STRUCTURE NOTATIONS		
	FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK NO.	GRADES CHECKED		
	STRUCTURE NOTATIONS		
	FILE NAME		

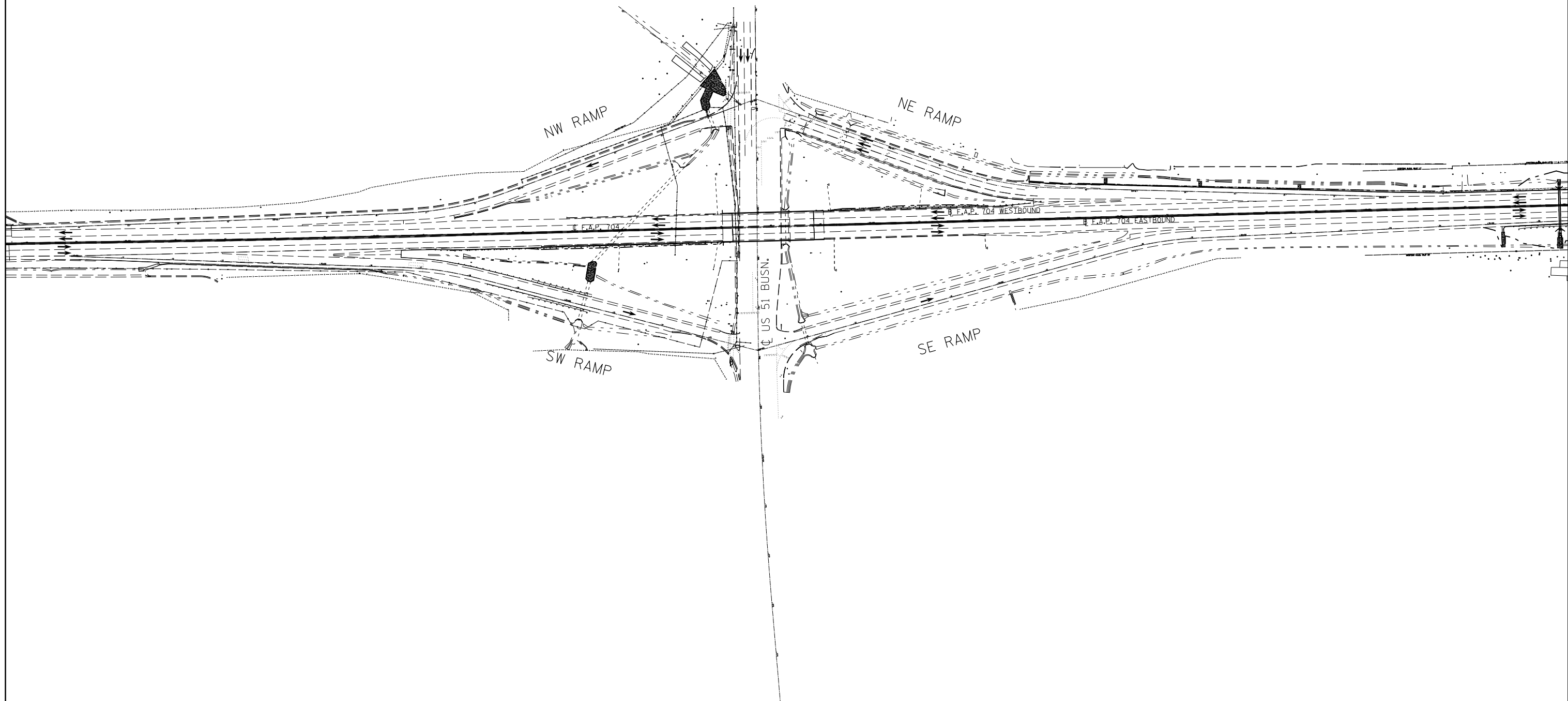


FILE NAME =	USER NAME = dodgms	DESIGNED -	REVISED -
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
MODELNAME	PLOT DATE = 1/26/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EAST BOUND LOCATION 2 PROPOSED TOP OF CURB PROFILE			
SCALE:	SHEET 2	OF 2 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)I	McLean	180	60
			CONTRACT NO. 70B25	
ILLINOIS FED. AID PROJECT				



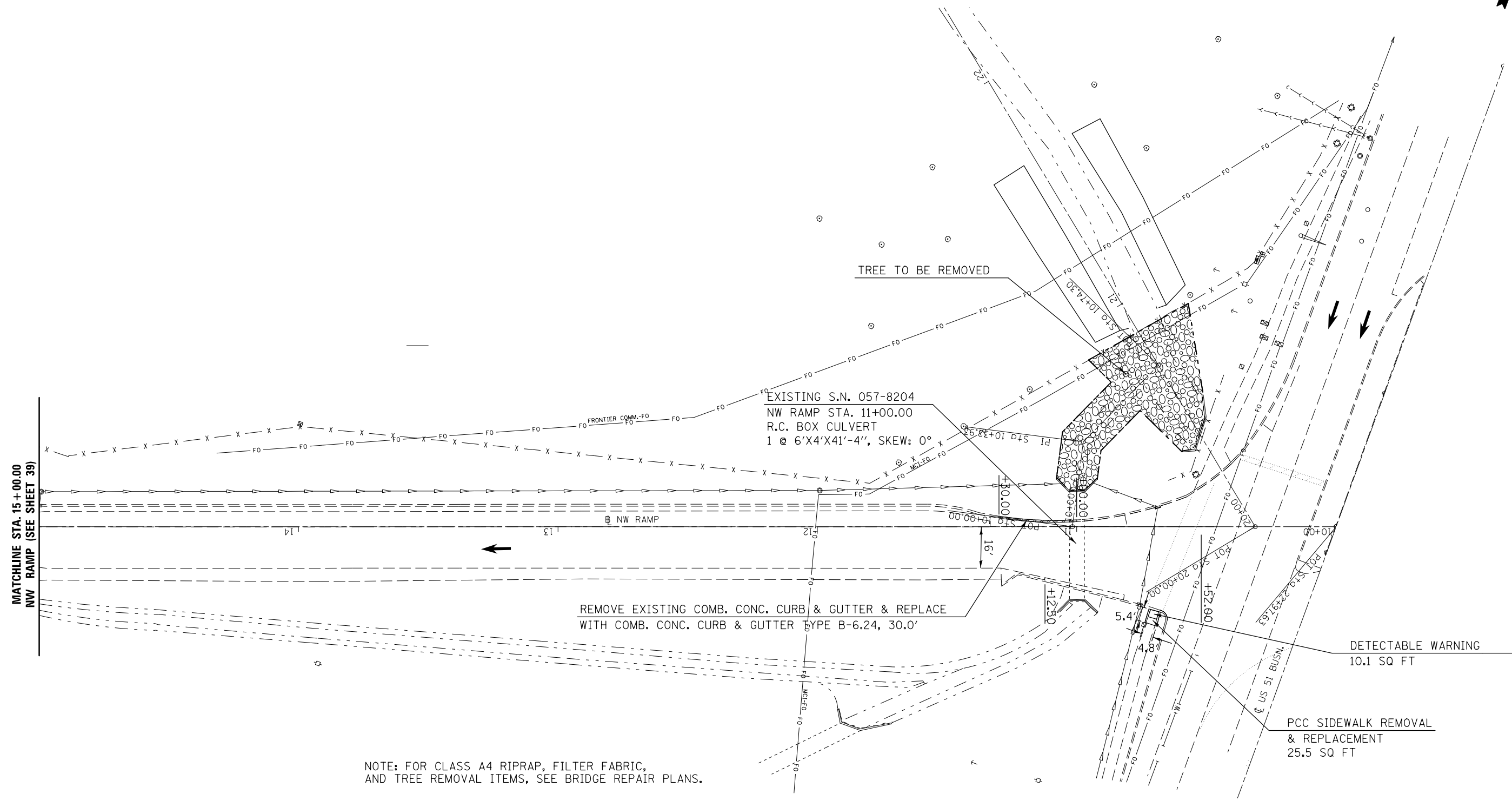
FILE NAME =	USER NAME = dodgems	DESIGNED -	REVISED -
et:\pwork\pwork\dodgems\d0421881\0570025-sht-plan_Ramps.dgn		DRAWN -	REVISED -
	PLOT SCALE = 200.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/26/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



**INTERCHANGE
PLAN SHEET**

SCALE: 1" = 100' SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)I	McLean	180	61
				CONTRACT NO. 70B25
ILLINOIS FED. AID PROJECT				



NOTE: FOR CLASS A4 RIPRAP, FILTER FABRIC, AND TREE REMOVAL ITEMS, SEE BRIDGE REPAIR PLANS.

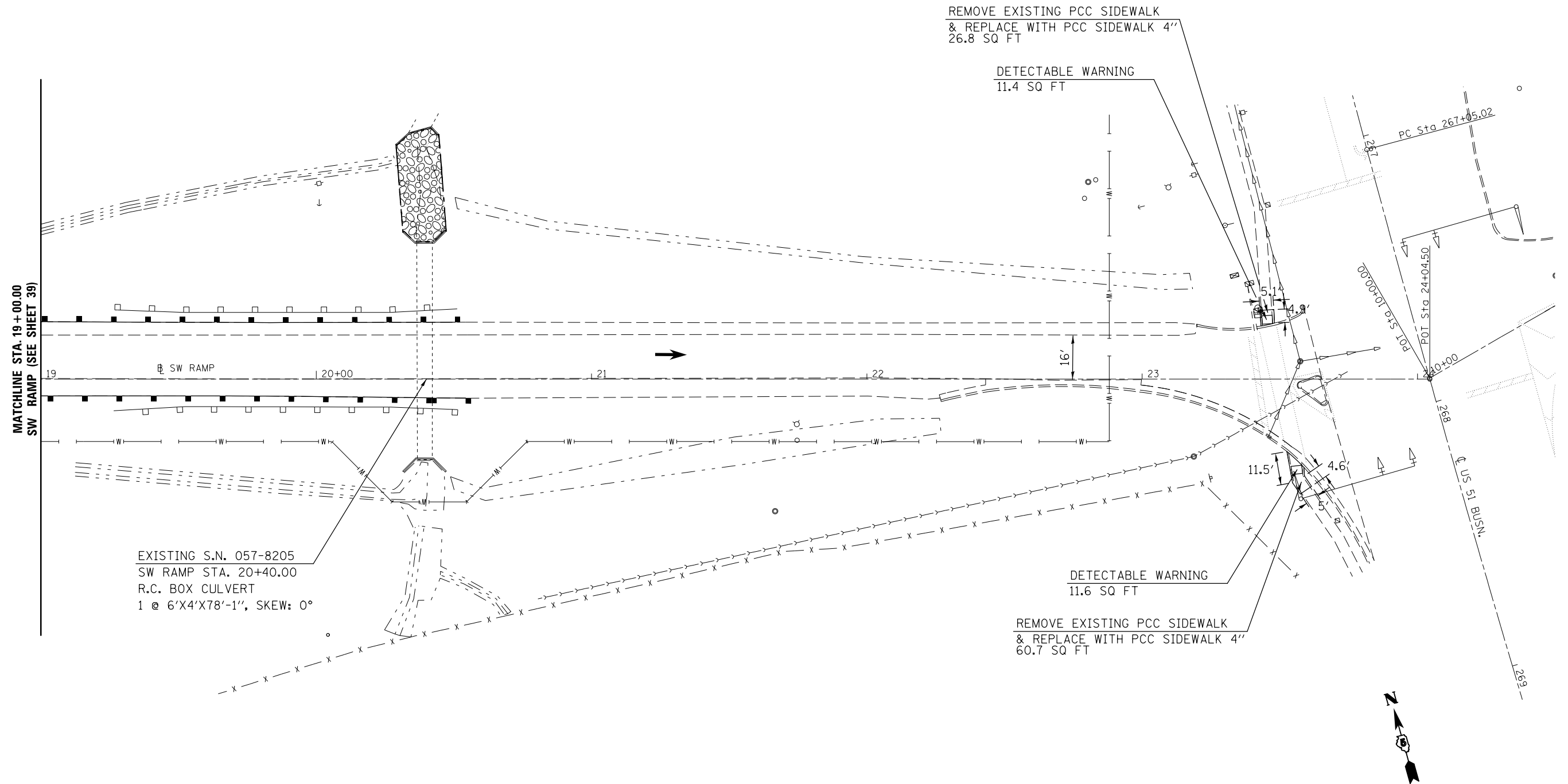
-  COMB. CONC. CURB & GUTTER REMOVAL
-  STONE RIPRAP, CLASS A4, 16" W/ 6" BEDDING STONE AND FILTER FABRIC (SEE SHEETS 79, 93, & 94)

FILE NAME =	USER NAME = dodgems	DESIGNED -	REVISED -
et:\pwork\pwork\dodgems\d0421881\0570025-sht-plan_Repairs.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/26/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

N.W. RAMP PLAN SHEET	
SCALE: 1" = 20'	SHEET 2 OF 3 SHEETS
STA. 10+00.00	TO STA. 15+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)I	McLean	180	62
CONTRACT NO. 70B25				
ILLINOIS FED. AID PROJECT				



EXISTING S.N. 057-8205
SW RAMP STA. 20+40.00
R.C. BOX CULVERT
1 @ 6'X4'X78'-1", SKEW: 0°

REMOVE EXISTING PCC SIDEWALK
& REPLACE WITH PCC SIDEWALK 4"
26.8 SQ FT

DETECTABLE WARNING
11.4 SQ FT

DETECTABLE WARNING
11.6 SQ FT

REMOVE EXISTING PCC SIDEWALK
& REPLACE WITH PCC SIDEWALK 4"
60.7 SQ FT

NOTE:
FOR CLASS A4 RIPRAP AND FILTER FABRIC,
SEE BRIDGE REPAIR PLANS.



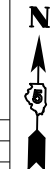
STONE RIPRAP, CLASS A4, 16" W/ 6"
BEDDING STONE AND FILTER FABRIC
(SEE SHEETS 71, 95, & 96)

FILE NAME =	USER NAME = dodgems	DESIGNED -	REVISED -
et:\pw\work\p\dot\dodgems\d0421881\0570825-sht-plan_Ramps.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/26/2015	DATE -	REVISED -

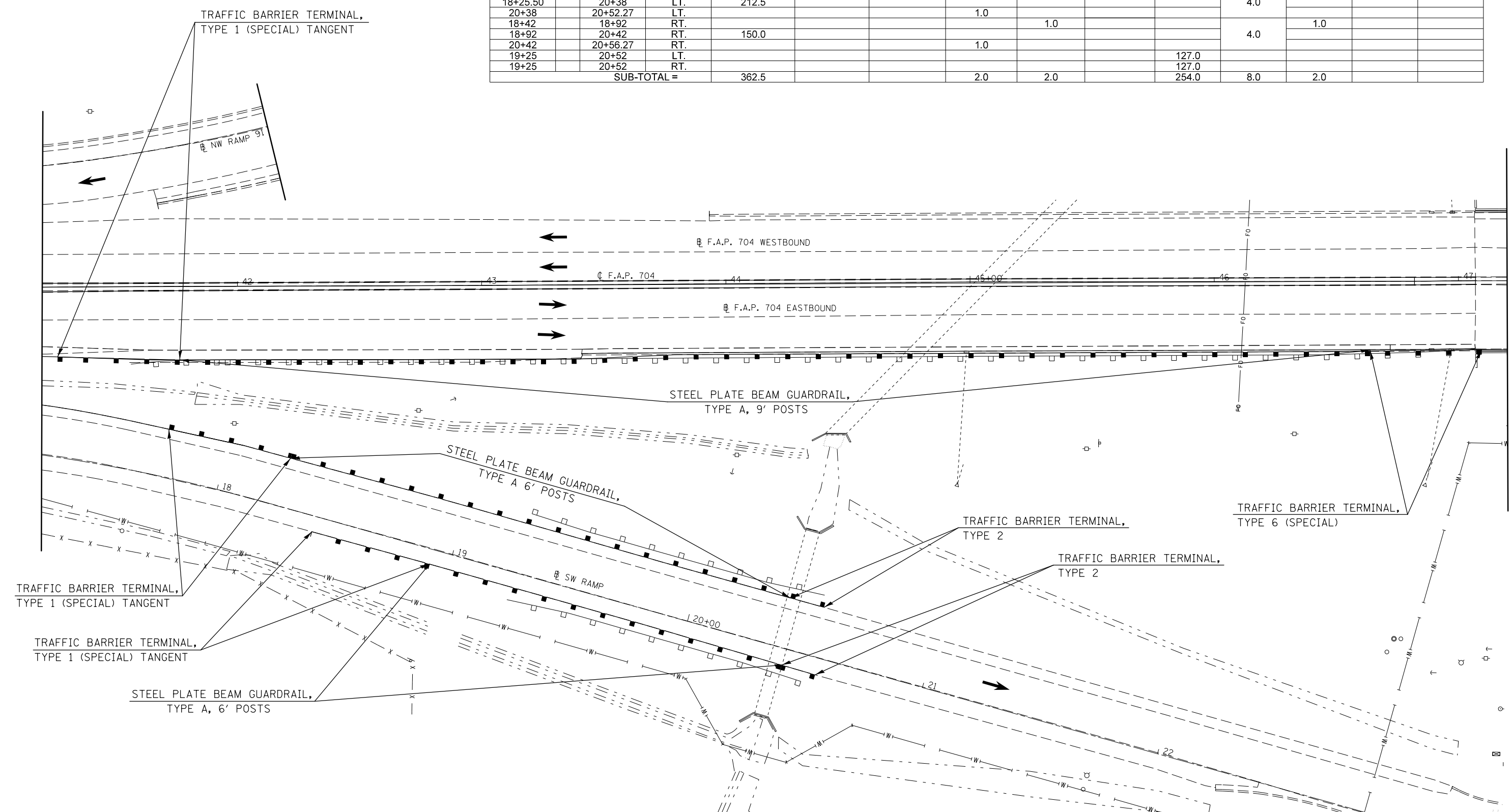
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 1" = 20'		SHEET 3 OF 3 SHEETS		STA. 19+00.00 TO STA. 24+04.50		S.W. RAMP PLAN SHEET	
						F.A.P. RTE. 704	SECTION (57-7)I

CONTRACT NO. 70B25		ILLINOIS FED. AID PROJECT	
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STA.	TO	STA.	DIRECTION	STEEL PLATE BEAM G'RAIL TYPE A 6 FT POSTS 63000001 (FOOT)	STEEL PLATE BEAM G'RAIL TYPE A 9 FT POSTS 63000003 (FOOT)	STEEL PLATE BEAM G'RAIL ATTACH TO STRUCTURE 63000025 (FOOT)	TRAF. BAR. TERM. TY. 2 63100045 (EACH)	TRAF. BAR. TERM. TY. 1 SPL. TAN. 63100167 (EACH)	TRAF. BAR. TERM. TY. 1 SPL. FLR. 63100169 (EACH)	GUARDRAIL REMOVAL 63200310 (FOOT)	G'RAIL MKR. TY. A 78200410 (EACH)	TERMINAL MARKER D A 78201000 (EACH)	TRAF. BAR. TERM. TY. 5 SPL. X6310179 (EACH)	TRAF. BAR. TERM. TY. 6 SPL. X6310214 (EACH)
LEG "C":														
41+26.17		41+76.17	EB					1.0				1.0		
41+76.17		46+63.67	EB		487.5						5.0			
46+63.67		47+09.32	EB											1.0
41+56		47+27	EB							571.0				
SUB-TOTAL =					487.5			1.0		571.0	5.0	1.0		1.0
SW RAMP:														
17+75.50		18+25.50	LT.					1.0				1.0		
18+25.50		20+38	LT.	212.5							4.0			
20+38		20+52.27	LT.				1.0							
18+42		18+92	RT.					1.0				1.0		
18+92		20+42	RT.	150.0							4.0			
20+42		20+56.27	RT.				1.0							
19+25		20+52	LT.							127.0				
19+25		20+52	RT.							127.0				
SUB-TOTAL =				362.5			2.0	2.0		254.0	8.0	2.0		

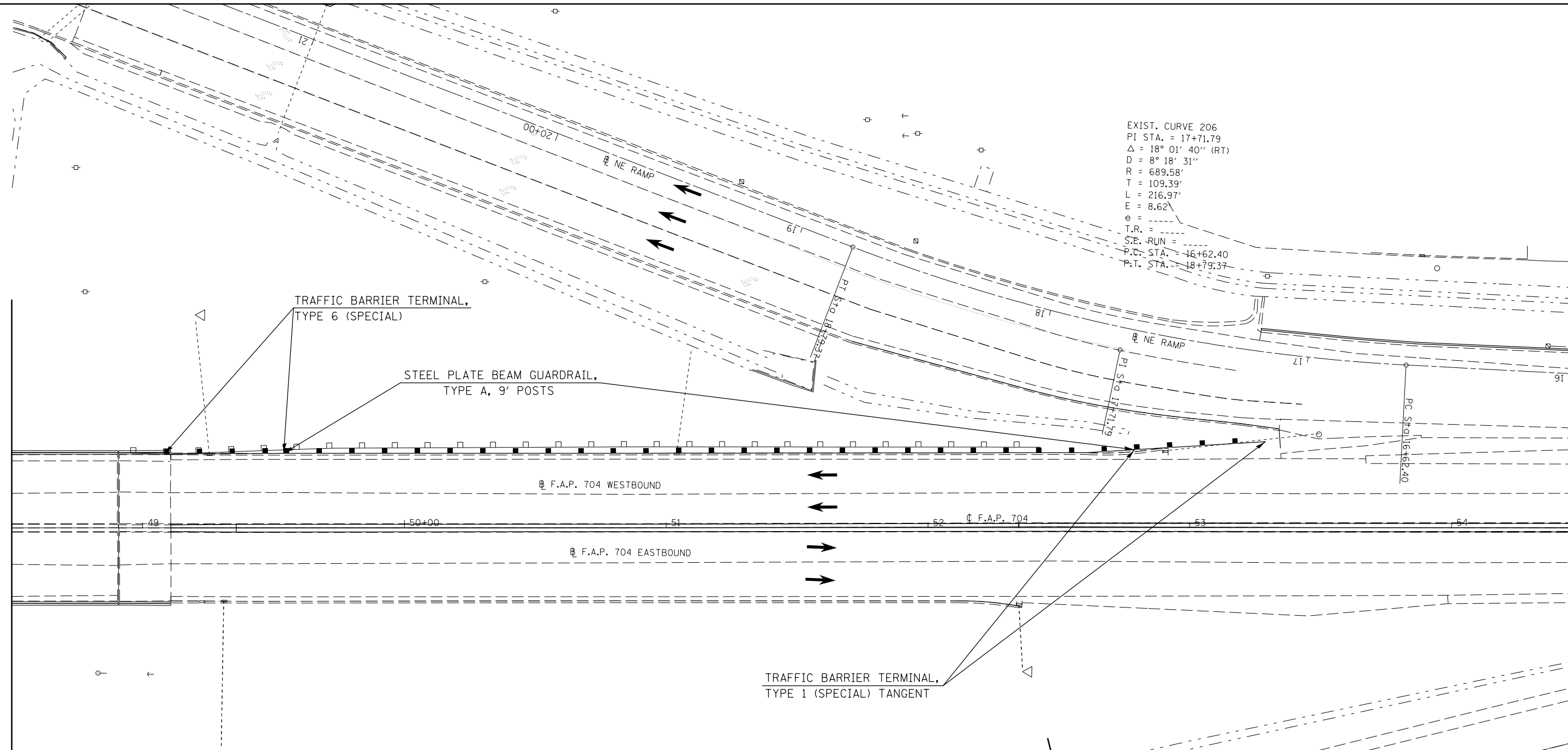


FILE NAME =	USER NAME = dodgems	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GUARDRAIL PLAN SHEET	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\dot\dodgems\d0421881\0570025-shr-plan_BUS55.dgn	DRAWN -	REVISED -	704			(57-7)I	McLean	180	64	
PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 70B25							
PLOT DATE = 1/26/2015	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							

SCALE: 1" = 20' SHEET 1 OF 7 SHEETS STA. 41+20.00 TO STA. 47+20.00



EXIST. CURVE 206
 PI STA. = 17+71.79
 $\Delta = 18^\circ 01' 40''$ (RT)
 $D = 8^\circ 18' 31''$
 $R = 689.58'$
 $T = 109.39'$
 $L = 216.97'$
 $E = 8.62'$
 $e =$
 T.R. =
 S.E. RUN =
 P.C. STA. = 16+62.40
 P.T. STA. = 18+79.37



STA.	TO	STA.	DIRECTION	STEEL PLATE BEAM G'RAIL TYPE A 9 FT POSTS 63000003 (FOOT)	TRAF. BAR. TERM. TY. 1 SPL. TAN. 63100167 (EACH)	GUARDRAIL REMOVAL 63200310 (FOOT)	G'RAIL MKR. TY. A 78200410 (EACH)	TERMINAL MARKER D A 78201000 (EACH)	TRAF. BAR. TERM. TY. 6 SPL. X6310214 (EACH)
LEG "C":									
49+08.24		49+53.89	WB				5.0		1.0
49+53.89		52+78.89	WB	325.0					
52+78.89		53+28.89	WB		1.0			1.0	
48+90		52+43	WB			353.0			
SUB-TOTAL =				325.0	1.0	353.0	5.0	1.0	1.0

FILE NAME =	USER NAME = dodgms	DESIGNED -	REVISED -
et:\pwork\pwork\dot\dodgms\d0421881\0570025-sht-plan_BUS55.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/26/2015	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

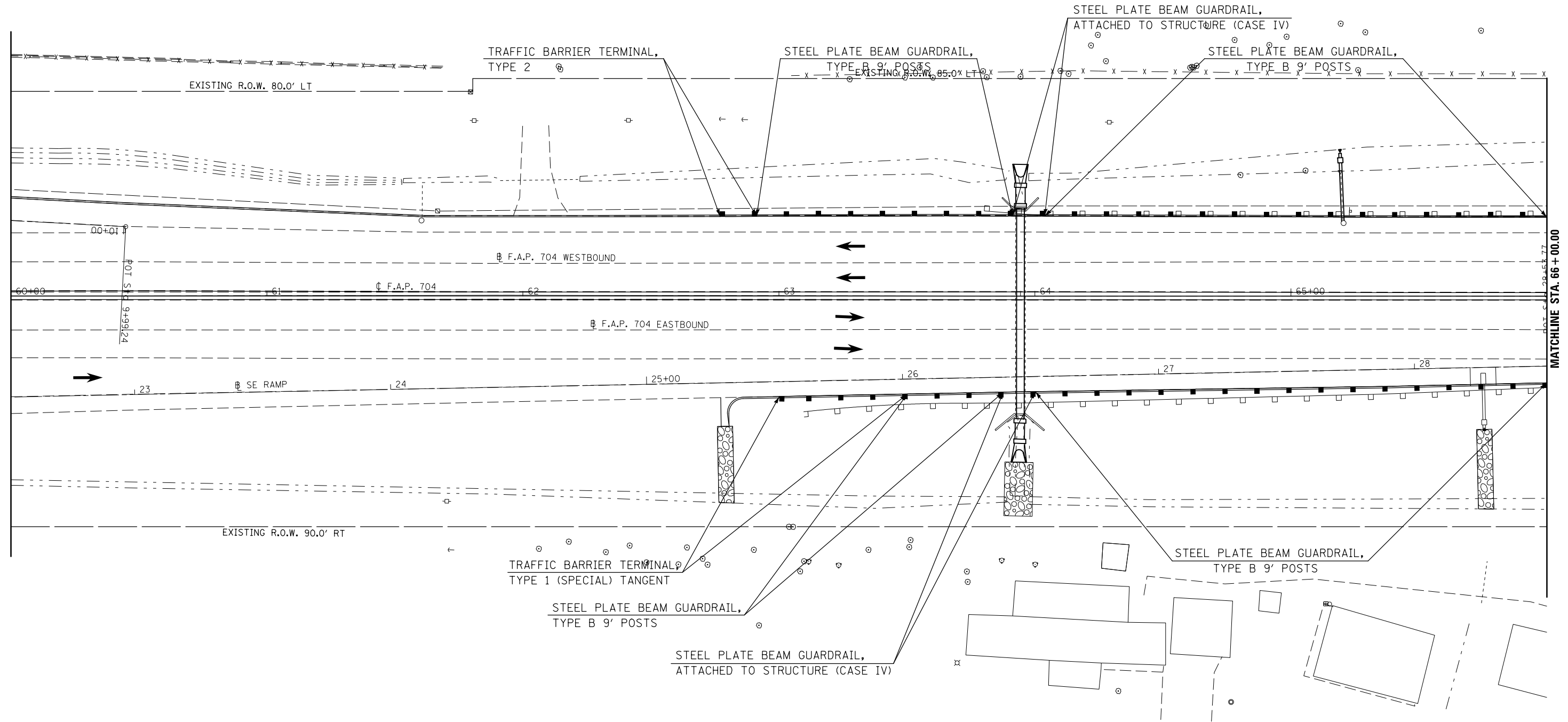
GUARDRAIL PLAN SHEET

SCALE: 1" = 20' SHEET 2 OF 7 SHEETS STA. 48+50.00 TO STA. 54+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)I	McLean	180	65
CONTRACT NO. 70B25			ILLINOIS FED. AID PROJECT	



STA.	TO	STA.	DIRECTION	STEEL PLATE BEAM GUARD RAIL ATTACH TO STRUCTURE 63000025 (FOOT)	TRAF. BAR. TERM. TY. 2 63100045 (EACH)	TRAF. BAR. TERM. TY. 1 SPL. TAN. 63100167 (EACH)	GUARDRAIL REMOVAL 63200310 (FOOT)	TERMINAL MARKER D A 78201000 (EACH)
LEG "C":								
62+77.02		62+91.29	WB		1.0			
63+00.16		63+50.16	EB			1.0		1.0
63+10		73+20	EB				1010.0	
63+80		72+70	WB				890.0	
63+87.66		64+00.16	EB	12.5				
63+91.29		64+03.79	WB	12.5				
SUB-TOTAL =				25.0	1.0	1.0	1900.0	1.0

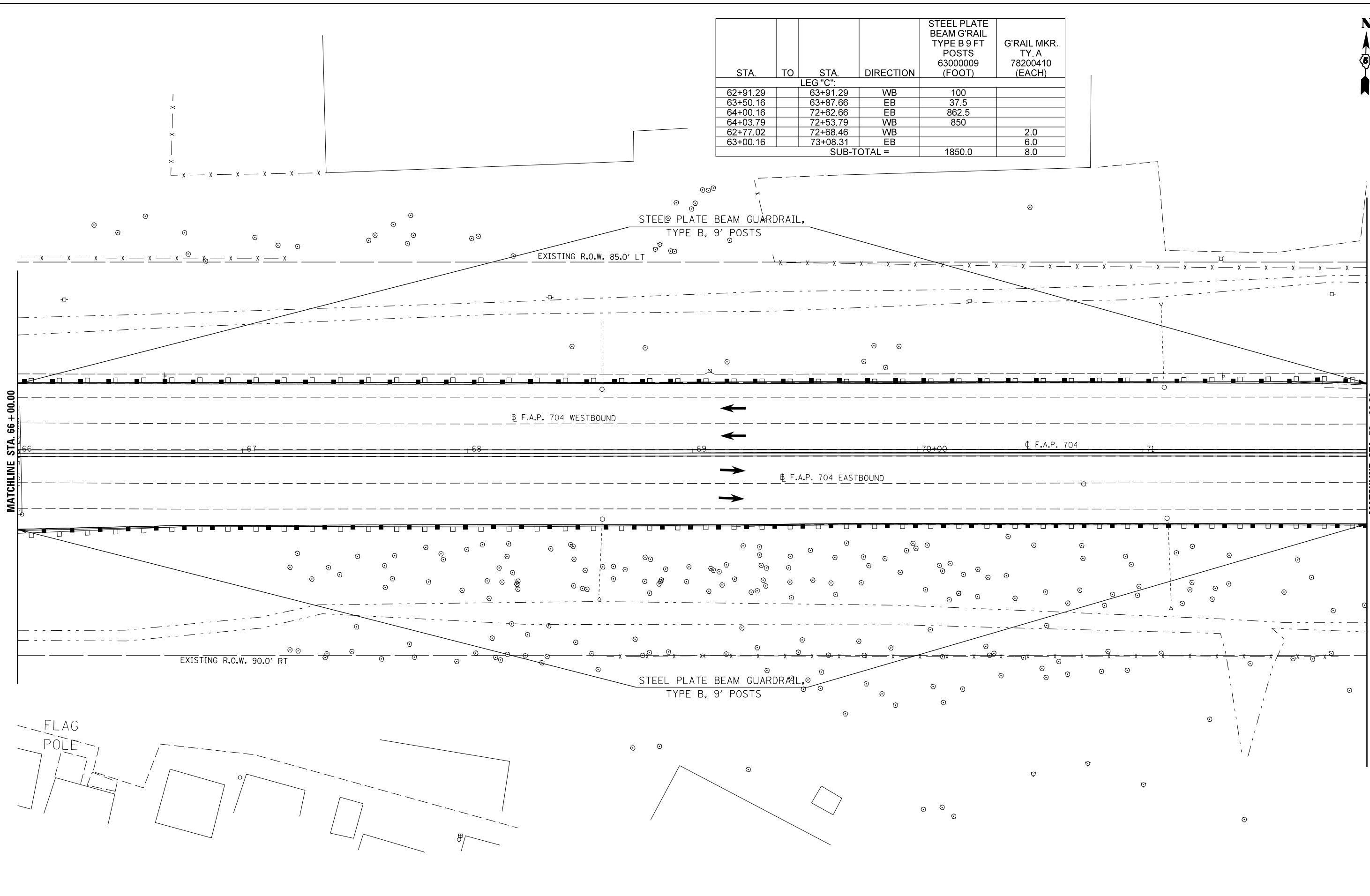


MATCHLINE STA. 66 + 00.00

FILE NAME =	USER NAME = dodgems	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GUARDRAIL PLAN SHEET	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pw\work\p\dot\dodgems\d0421881\0570225-sht-plan_BUS55.dgn	PLOT SCALE = 40.0000 ' / in.	DRAWN -	REVISED -			704	(57-7)I	McLean	180	66	
	PLOT DATE = 1/26/2015	CHECKED -	REVISED -			SCALE: 1" = 20'		SHEET 3 OF 7 SHEETS		STA. 60+00.00 TO STA. 66+00.00	
		DATE -	REVISED -			CONTRACT NO. 70B25 ILLINOIS FED. AID PROJECT					



STA.	TO	STA.	DIRECTION	STEEL PLATE BEAM G'RAIL TYPE B 9 FT POSTS 63000009 (FOOT)	G'RAIL MKR. TY. A 78200410 (EACH)
LEG "C":					
62+91.29		63+91.29	WB	100	
63+50.16		63+87.66	EB	37.5	
64+00.16		72+62.66	EB	862.5	
64+03.79		72+53.79	WB	850	
62+77.02		72+68.46	WB		2.0
63+00.16		73+08.31	EB		6.0
SUB-TOTAL =				1850.0	8.0



FILE NAME =	USER NAME = dodgems	DESIGNED -	REVISED -
et:\pw\work\p\dot\dodgems\d0421881\0570025-sht-plan_BUS55.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/26/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

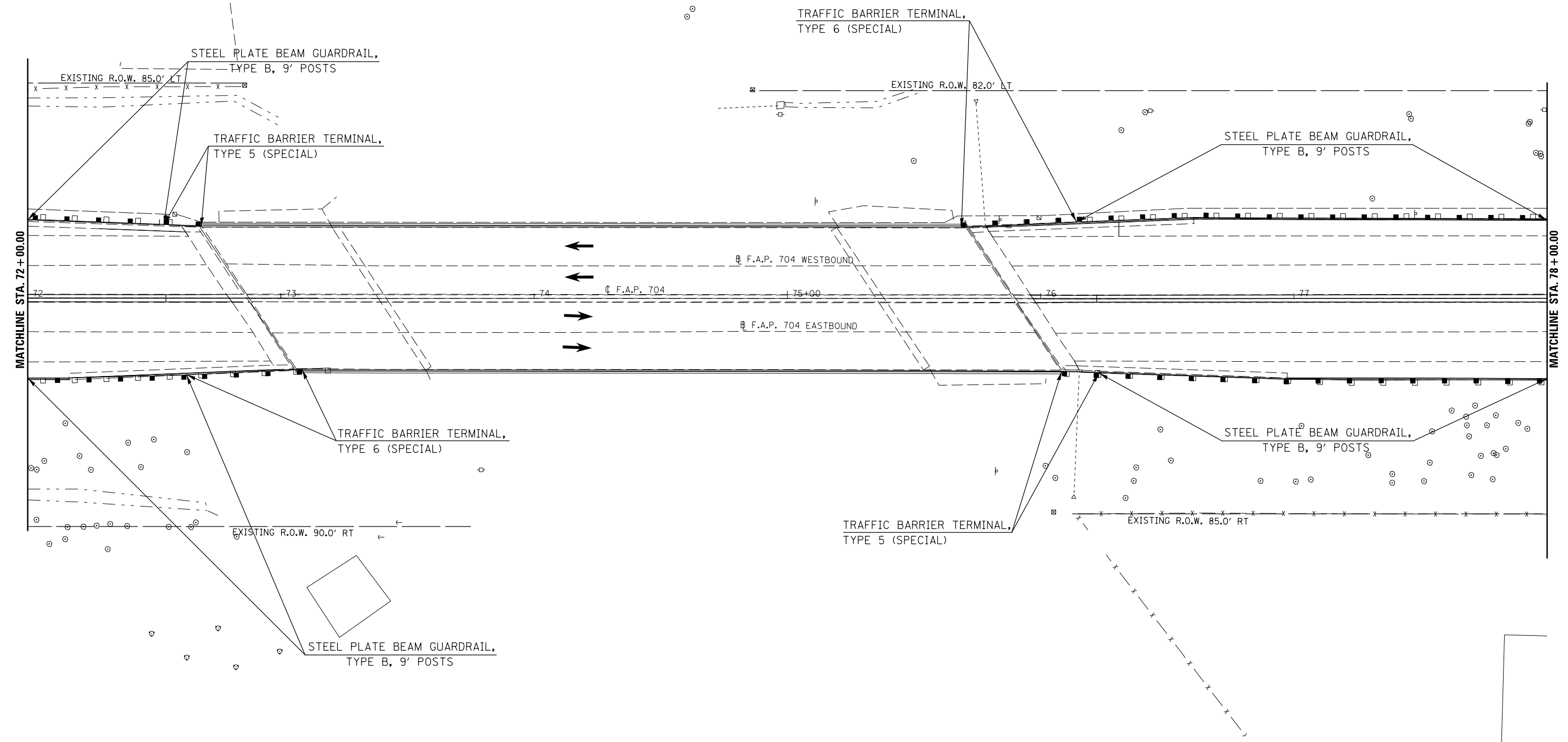
GUARDRAIL PLAN SHEET

SCALE: 1" = 20' SHEET 4 OF 7 SHEETS STA. 66+00.00 TO STA. 72+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)I	McLean	180	67
CONTRACT NO. 70B25			ILLINOIS FED. AID PROJECT	



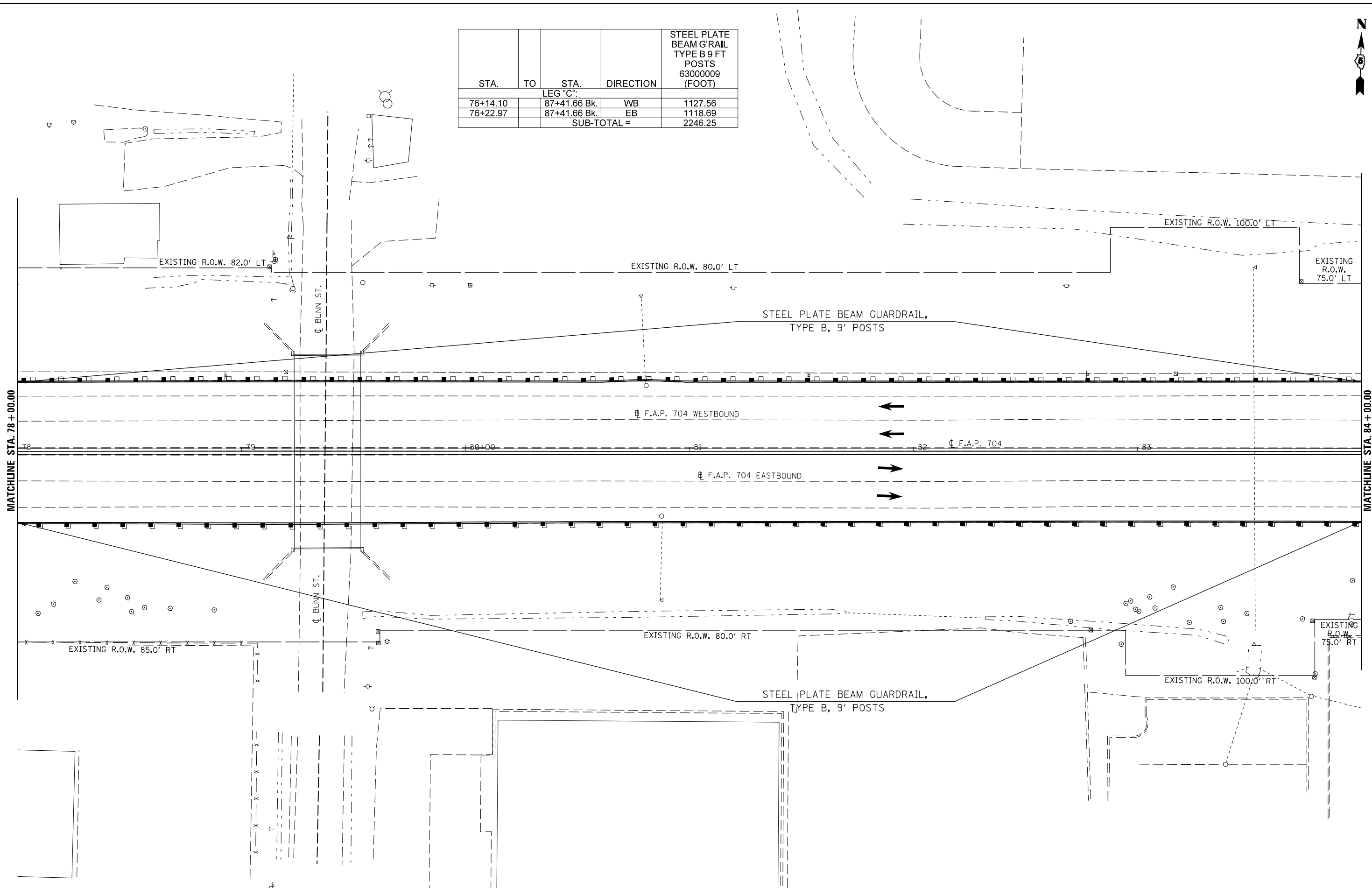
STA.	TO	STA.	DIRECTION	GUARDRAIL REMOVAL 63200310 (FOOT)	BARRIER WAL MARKER TYPE C 78200530 (EACH)	TRAF. BAR. TERM. TY. 5 SPL. X6310179 (EACH)	TRAF. BAR. TERM. TY. 6 SPL. X6310214 (EACH)
LEG "C":							
73+26.60			WB		1.0		
75+00.16			EB		1.0		
75+68		87+41.66 Bk.	WB	1173.66			
76+10		87+41.66 Bk.	EB	1131.66			
72+53.79		72+68.46	WB			1.0	
72+62.66		73+08.31	EB				1.0
76+08.30		76+22.97	EB			1.0	
75+68.45		76+14.10	WB				1.0
SUB-TOTAL =				2305.32	2.0	2.0	2.0



FILE NAME = c:\pwork\pwork\dot\dodgms\d0421881\0570025-shr-plan_BUS55.dgn	USER NAME = dodgms	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GUARDRAIL PLAN SHEET			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -					704	(57-7)I	McLean	180	68
PLOT DATE = 1/26/2015	DATE -	REVISED -	REVISED -		SCALE: 1" = 20'	SHEET 5	OF 7 SHEETS	STA. 72+00.00	TO STA. 78+00.00	CONTRACT NO. 70B25		
ILLINOIS FED. AID PROJECT												



STA.	TO	STA.	DIRECTION	STEEL PLATE BEAM GUARDRAIL TYPE B 9 FT POSTS 63000009 (FOOT)
LEG "C":				
76+14.10		87+41.66 Bk.	WB	1127.56
76+22.97		87+41.66 Bk.	EB	1118.69
SUB-TOTAL =				2246.25



FILE NAME =	USER NAME = dodgems	DESIGNED -	REVISED -
et:\pw\work\p\dot\dodgems\d0421881\05700225-sht-plan_BUS55.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/26/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

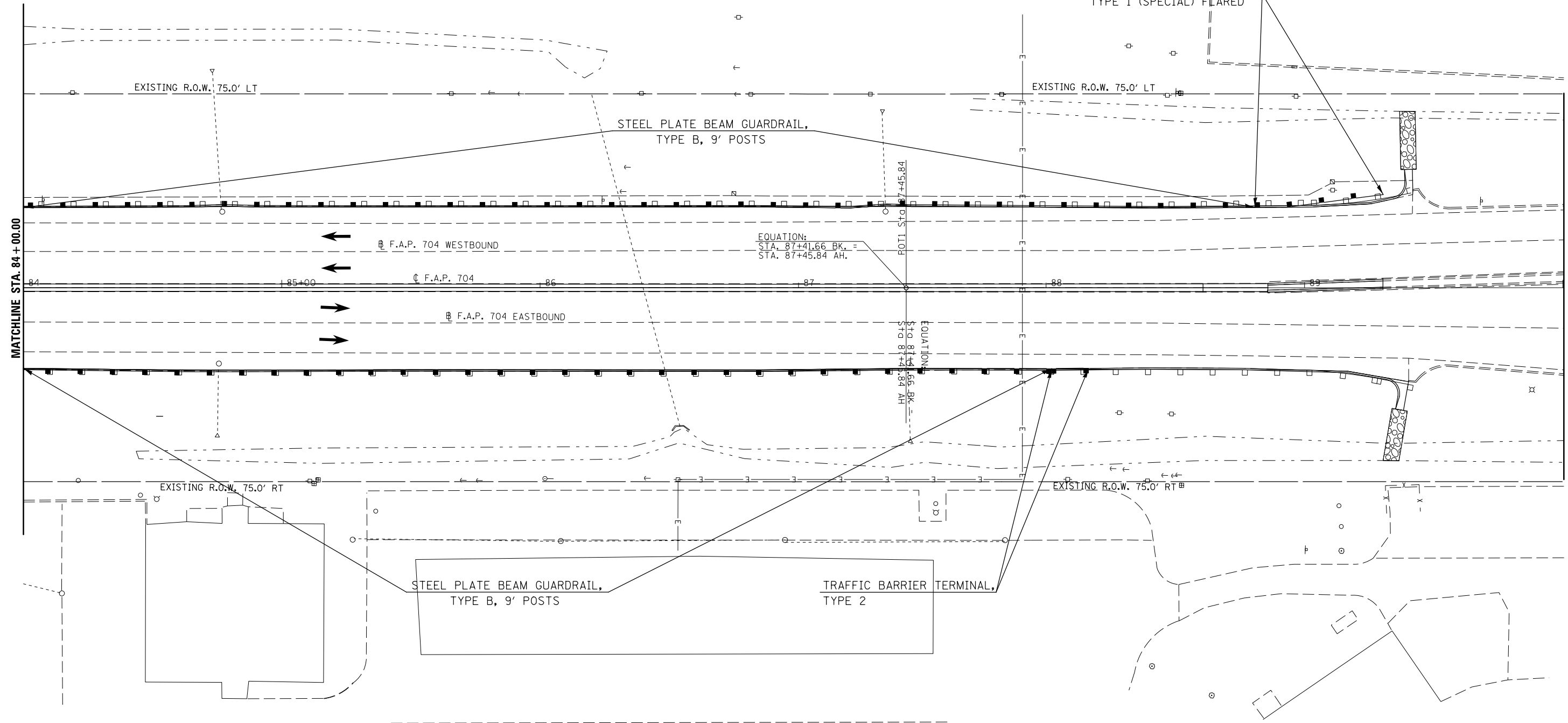
GUARDRAIL PLAN SHEET

SCALE: 1" = 20' SHEET 6 OF 7 SHEETS STA. 78+00.00 TO STA. 84+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)I	McLean	180	69
CONTRACT NO. 70B25				
ILLINOIS FED. AID PROJECT				

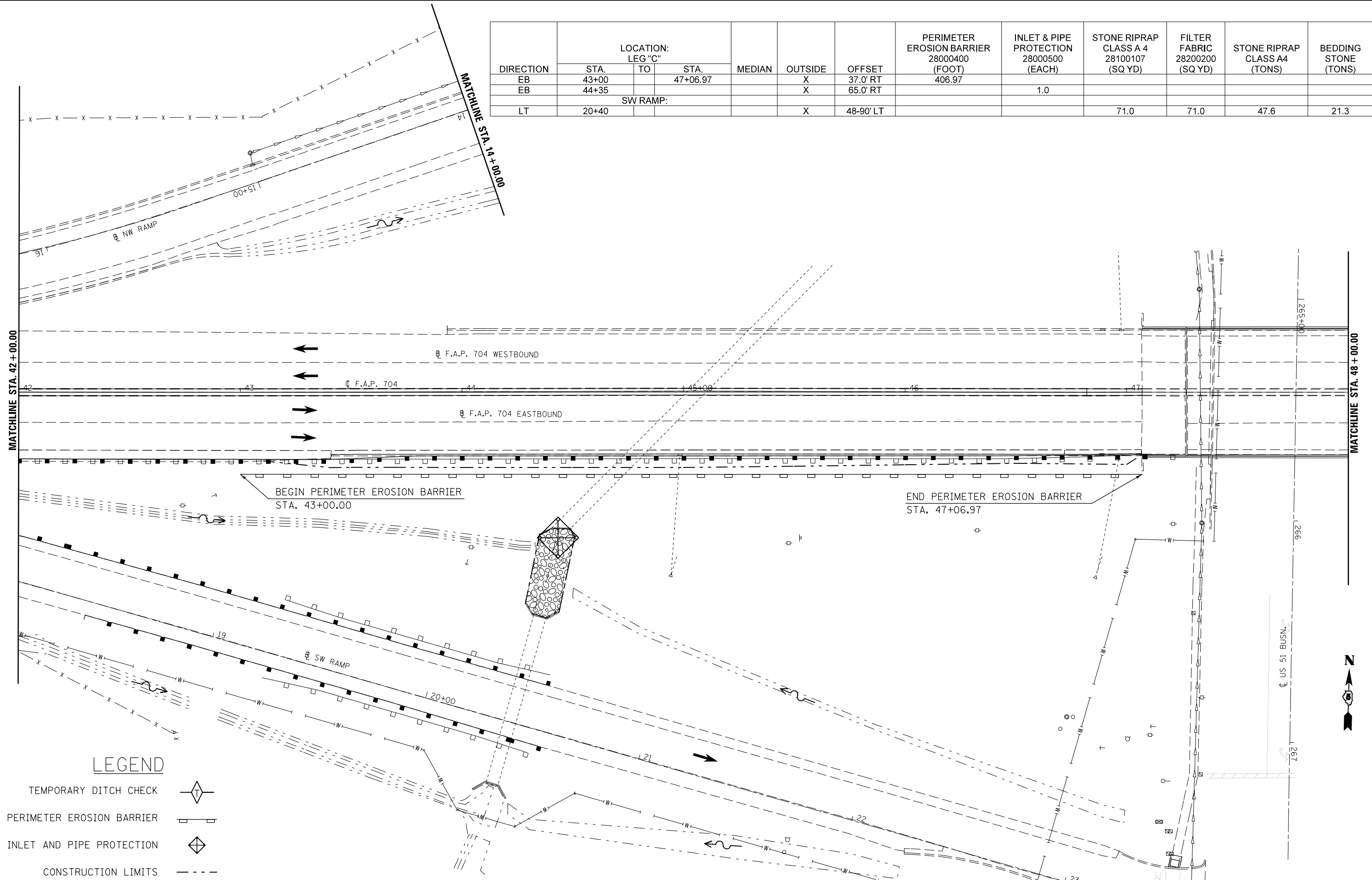


STA.	TO	STA.	DIRECTION	STEEL PLATE BEAM G'RAIL TYPE B 9 FT POSTS 63000009 (FOOT)	TRAF. BAR. TERM. TY. 2 63100045 (EACH)	TRAF. BAR. TERM. TY. 1 SPL. FLR. 63100169 (EACH)	GUARDRAIL REMOVAL 63200310 (FOOT)	G'RAIL MKR. TY. A 78200410 (EACH)	TERMINAL MARKER D A 78201000 (EACH)
LEG "C":									
87+45.84 Ah.		88+02.15	EB	56.31					
87+45.84 Ah.		88+80.78	WB	134.94					
88+02.15		88+16.42	EB		1.0				
88+80.78		89+30.65	WB			1.0			1.0
87+45.84 Ah.		89+41.39	WB				195.55		
87+45.84 Ah.		89+42.39	EB				196.55		
76+08.30		87+41.66 Bk.	EB					3.0	
87+45.84 Ah.		88+16.42	EB						
75+68.45		87+41.66 Bk.	WB					7.0	
87+45.84 Ah.		89+30.65	WB						
SUB-TOTAL =				191.25	1.0	1.0	392.1	10.0	1.0



FILE NAME =	USER NAME = dodgems	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GUARDRAIL PLAN SHEET	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\dot\dodgems\d0421881\0570225-sht-plan_BUS55.dgn	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -			704	(57-7)I	McLean	180	70
PLOT DATE = 1/26/2015	DATE -	CHECKED -	REVISED -			CONTRACT NO. 70B25			ILLINOIS FED. AID PROJECT	
		DATE -	REVISED -			SCALE: 1" = 20'	SHEET 7 OF 7 SHEETS	STA. 84+00.00 TO STA. 106+41.40		

DIRECTION	LOCATION: LEG "C"			MEDIAN	OUTSIDE	OFFSET	PERIMETER EROSION BARRIER 28000400 (FOOT)	INLET & PIPE PROTECTION 28000500 (EACH)	STONE RIPRAP CLASS A 4 28100107 (SQ YD)	FILTER FABRIC 28200200 (SQ YD)	STONE RIPRAP CLASS A4 (TONS)	BEDDING STONE (TONS)
	STA.	TO	STA.									
EB	43+00		47+06.97		X	37.0' RT	406.97					
EB	44+35				X	65.0' RT		1.0				
SW RAMP:												
LT	20+40				X	48-90' LT			71.0	71.0	47.6	21.3



LEGEND

- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- CONSTRUCTION LIMITS

FILE NAME =	USER NAME = dodgms	DESIGNED -	REVISED -
et:\pw\work\p\dot\dodgms\d0421881\0570025-sht-plan_BUS55.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/26/2015	DATE -	REVISED -

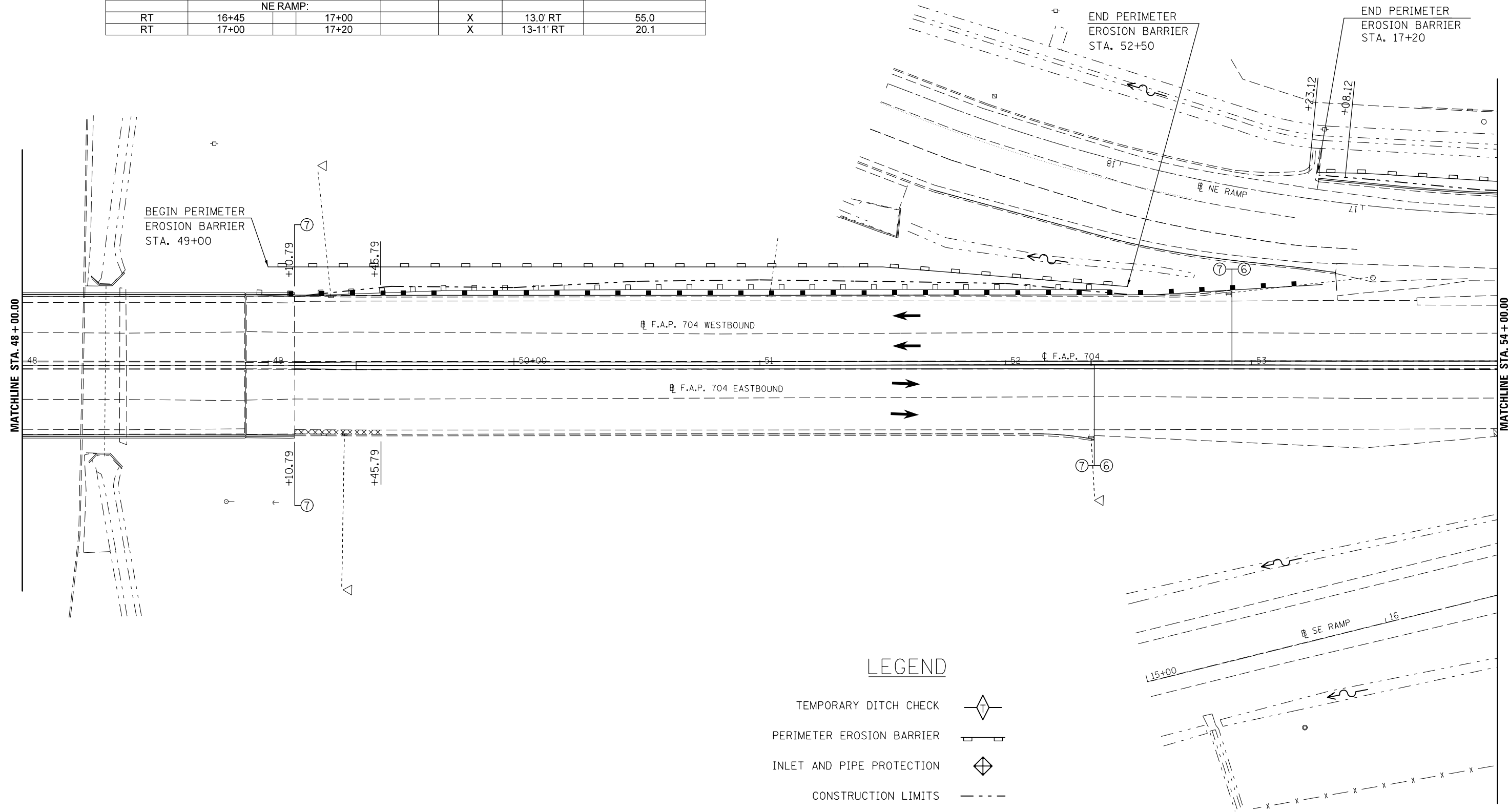
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BUS 55 EROSION CONTROL SHEET
SCALE: 1" = 20' SHEET 1 OF 9 SHEETS STA. 42+00.00 TO STA. 48+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)I	McLean	180	71
CONTRACT NO. 70B25			ILLINOIS FED. AID PROJECT	



DIRECTION	LOCATION: LEG "C"			MEDIAN	OUTSIDE	OFFSET	PERIMETER EROSION BARRIER 28000400 (FOOT)
	STA.	TO	STA.				
WB	49+00		51+50		X	40.0' LT	250.0
WB	51+50		52+50		X	40-32' LT	100.3
NE RAMP:							
RT	16+45		17+00		X	13.0' RT	55.0
RT	17+00		17+20		X	13-11' RT	20.1







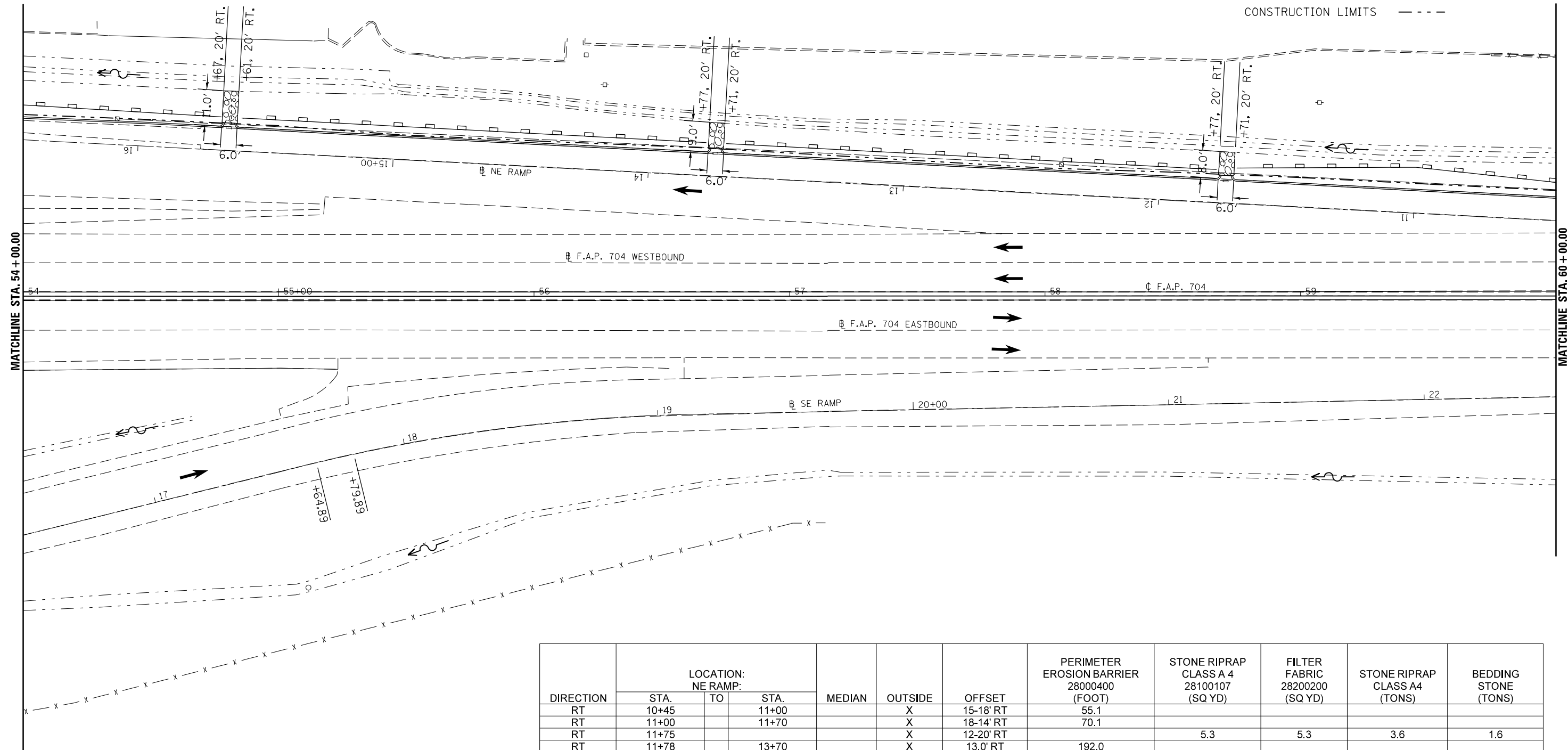
LEGEND

- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- CONSTRUCTION LIMITS

FILE NAME = c:\pwork\pwork\dot\dodgems\d0421881\0570025-sht-plan_BUS55.dgn	USER NAME = dodgems	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUS 55 EROSION CONTROL SHEET			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -					704	(57-7)I	McLean	180	72
PLOT DATE = 1/26/2015	CHECKED -	REVISED -	DATE -	REVISED -	SCALE: 1" = 20'	SHEET 2 OF 9 SHEETS	STA. 48+00.00 TO STA. 54+00.00	CONTRACT NO. 70B25		ILLINOIS FED. AID PROJECT		

LEGEND

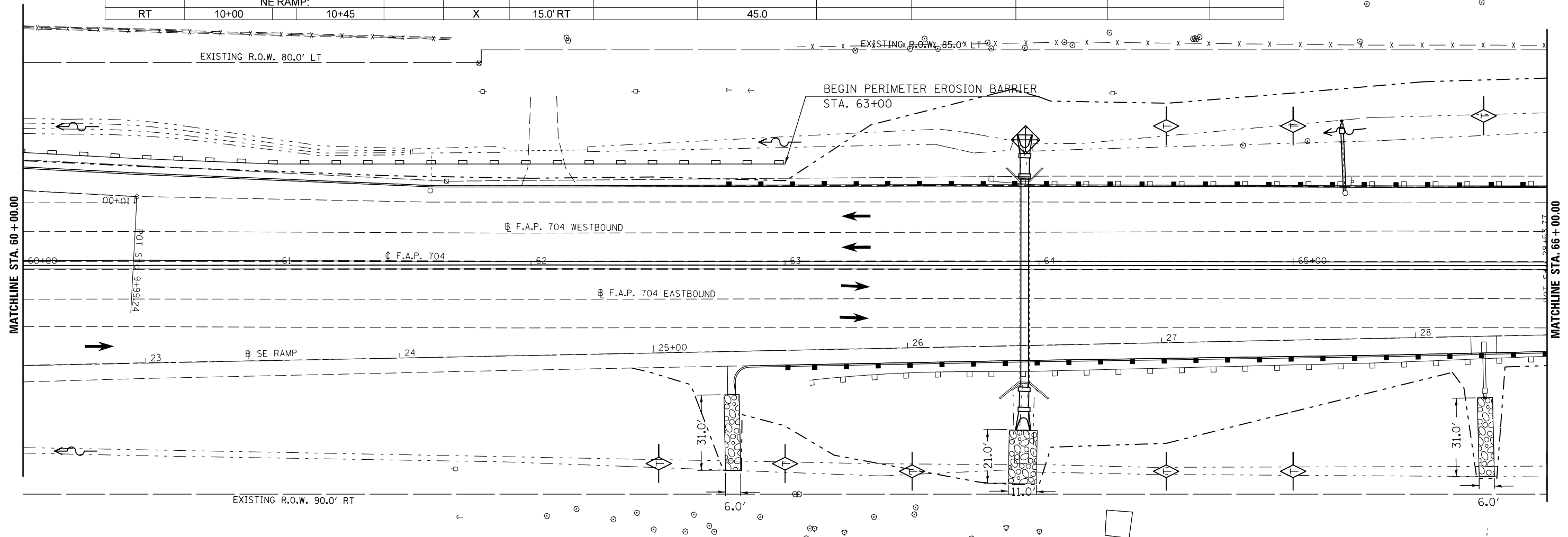
- TEMPORARY DITCH CHECK 
- PERIMETER EROSION BARRIER 
- INLET AND PIPE PROTECTION 
- CONSTRUCTION LIMITS 



DIRECTION	LOCATION: NE RAMP:			MEDIAN	OUTSIDE	OFFSET	PERIMETER EROSION BARRIER 28000400 (FOOT)	STONE RIPRAP CLASS A 4 28100107 (SQ YD)	FILTER FABRIC 28200200 (SQ YD)	STONE RIPRAP CLASS A4 (TONS)	BEDDING STONE (TONS)
	STA.	TO	STA.								
RT	10+45		11+00		X	15-18' RT	55.1				
RT	11+00		11+70		X	18-14' RT	70.1				
RT	11+75				X	12-20' RT		5.3	5.3	3.6	1.6
RT	11+78		13+70		X	13.0' RT	192.0				
RT	13+75				X	12.5-21.5' RT		6.0	6.0	4.0	1.8
RT	13+78		15+60		X	13.0' RT	182.0				
RT	15+65				X	12-23' RT		7.3	7.3	4.9	2.2
RT	15+68		16+45		X	13.0' RT	77.0				



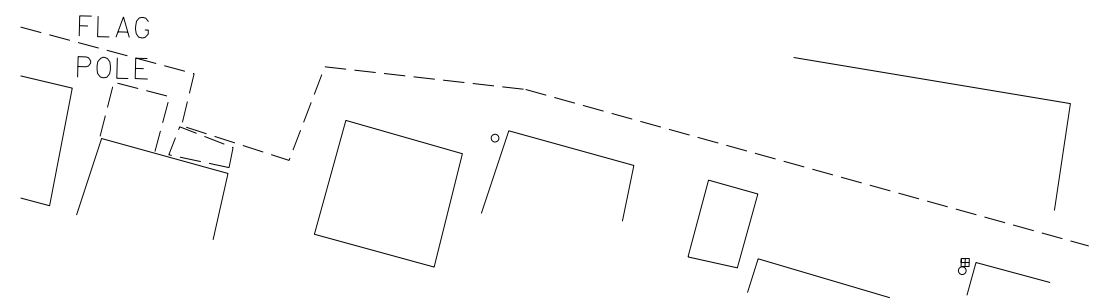
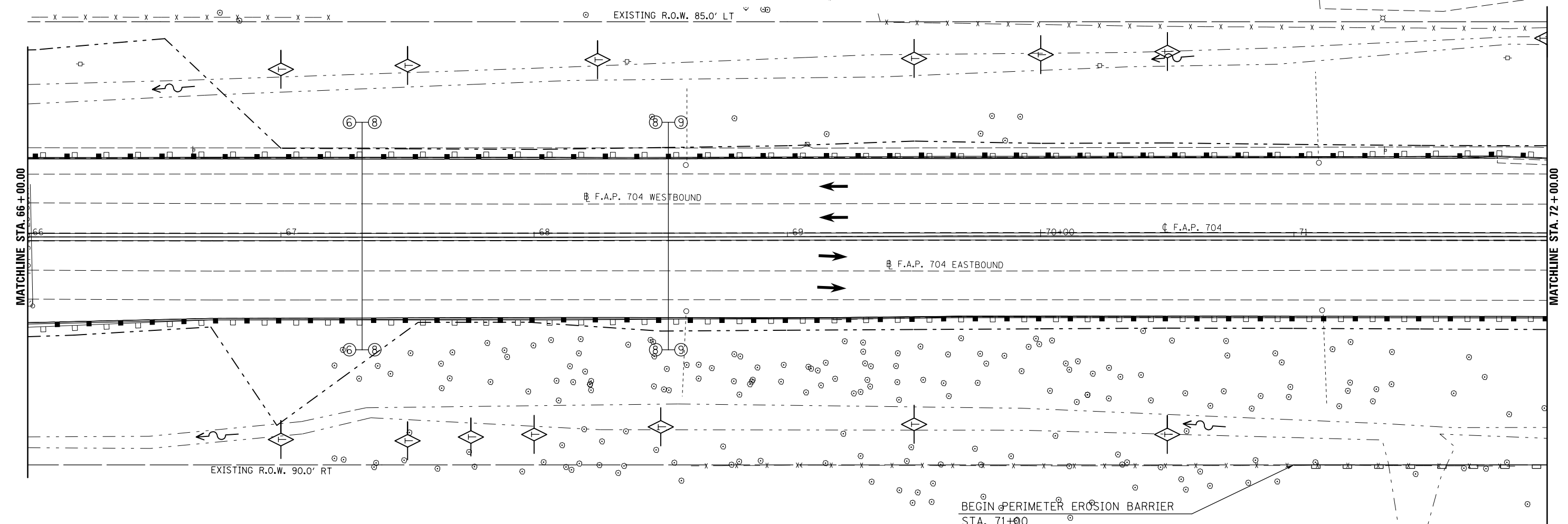
DIRECTION	LOCATION: LEG "C"			MEDIAN	OUTSIDE	OFFSET	TEMPORARY DITCH CHECKS 28000305 (FOOT)	PERIMETER EROSION BARRIER 28000400 (FOOT)	INLET & PIPE PROTECTION 28000500 (EACH)	STONE RIPRAP CLASS A 4 28100107 (SQ YD)	FILTER FABRIC 28200200 (SQ YD)	STONE RIPRAP CLASS A4 (TONS)	BEDDING STONE (TONS)
	STA.	TO	STA.										
EB	62+50				X	78.0' RT	15.0						
EB	62+86				X	50-80' RT				20.7	20.7	13.9	6.2
EB	63+00				X	78.0' RT	14.0						
EB	63+50				X	81.0' RT	10.0						
EB	63+94.35				X	65.5-86.5' RT				25.7	25.7	17.2	7.7
EB	64+50				X	81.0' RT	10.0						
EB	65+00				X	81.0' RT	10.0						
EB	65+75				X	52-83' RT				20.7	20.7	13.9	6.2
WB	60+43		61+00		X	42-40' LT		57.0					
WB	61+00		63+00		X	40.0' LT		200.0					
WB	63+94				X	45.0' LT			1.0				
WB	64+50				X	55.0' LT	10.0						
WB	65+00				X	55.5' LT	10.0						
WB	65+75				X	59.0' LT	10.0						
RT	10+00		10+45		X	15.0' RT		45.0					
NE RAMP:													



- LEGEND**
- TEMPORARY DITCH CHECK
 - PERIMETER EROSION BARRIER
 - INLET AND PIPE PROTECTION
 - CONSTRUCTION LIMITS



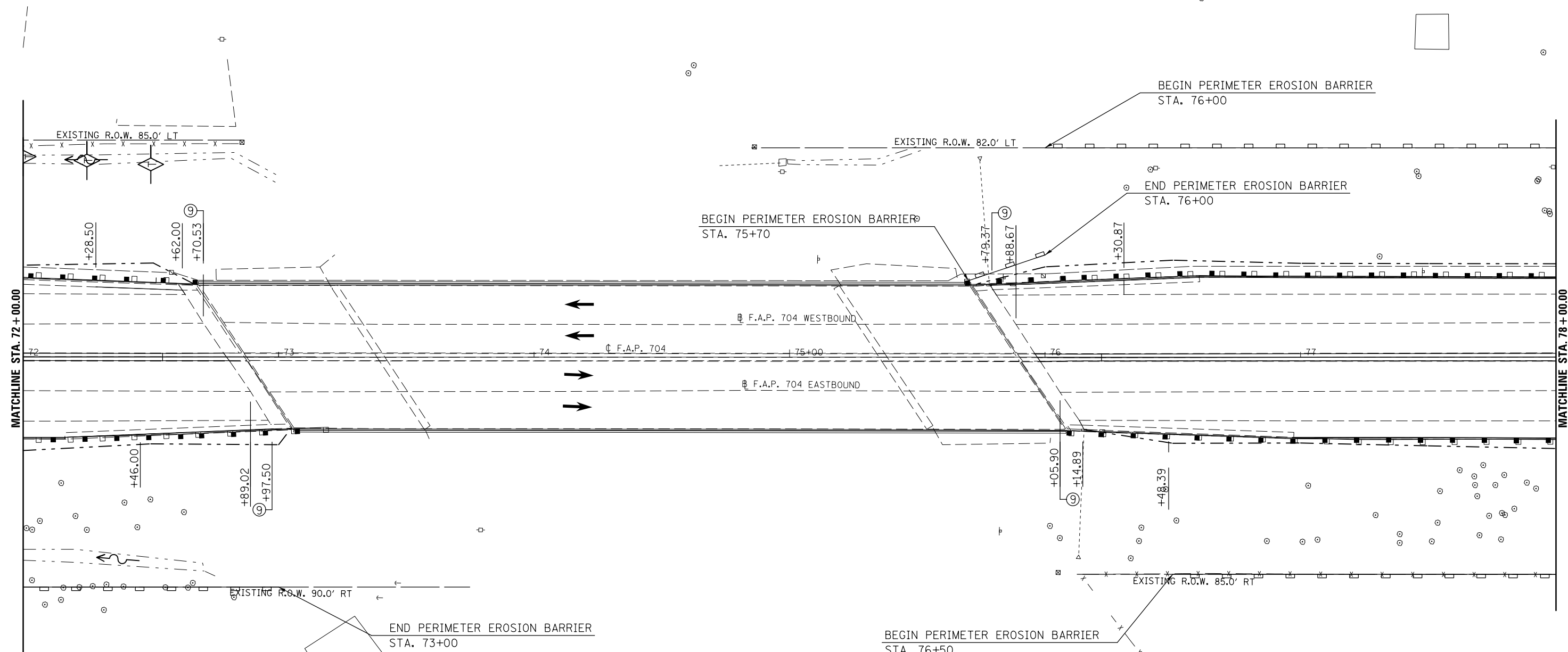
DIRECTION	LOCATION: LEG "C"			MEDIAN	OUTSIDE	OFFSET	TEMPORARY DITCH CHECKS 28000305 (FOOT)	PERIMETER EROSION BARRIER 28000400 (FOOT)
	STA.	TO	STA.					
EB	67+00				X	80.0' RT	10.0	
EB	67+50				X	80.5' RT	10.0	
EB	67+75				X	79.0' RT	10.0	
EB	68+00				X	78.0' RT	10.0	
EB	68+50				X	75.0' RT	10.0	
EB	69+50				X	74.0' RT	10.0	
EB	70+50				X	78.0' RT	10.0	
EB	71+00		73+00		X	90.0' RT		200.0
WB	67+00				X	66.25' LT	10.0	
WB	67+50				X	67.75' LT	10.0	
WB	68+25				X	70.0' LT	10.0	
WB	69+50				X	70.5' LT	10.0	
WB	70+00				X	72.0' LT	10.0	
WB	70+50				X	73.25' LT	10.0	
WB	72+00				X	78.5' LT	10.0	



LEGEND

- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- CONSTRUCTION LIMITS

DIRECTION	LOCATION: LEG "C"			MEDIAN	OUTSIDE	OFFSET	TEMPORARY DITCH CHECKS 28000305 (FOOT)	PERIMETER EROSION BARRIER 28000400 (FOOT)
	STA.	TO	STA.					
EB	76+50		79+00		X	85.0' RT		250.0
WB	72+25				X	77.0' LT	10.0	
WB	72+50				X	75.5' LT	10.0	
WB	75+70		76+00		X	30'-40' LT		31.6
WB	76+00		79+00		X	82.0' LT		300.0



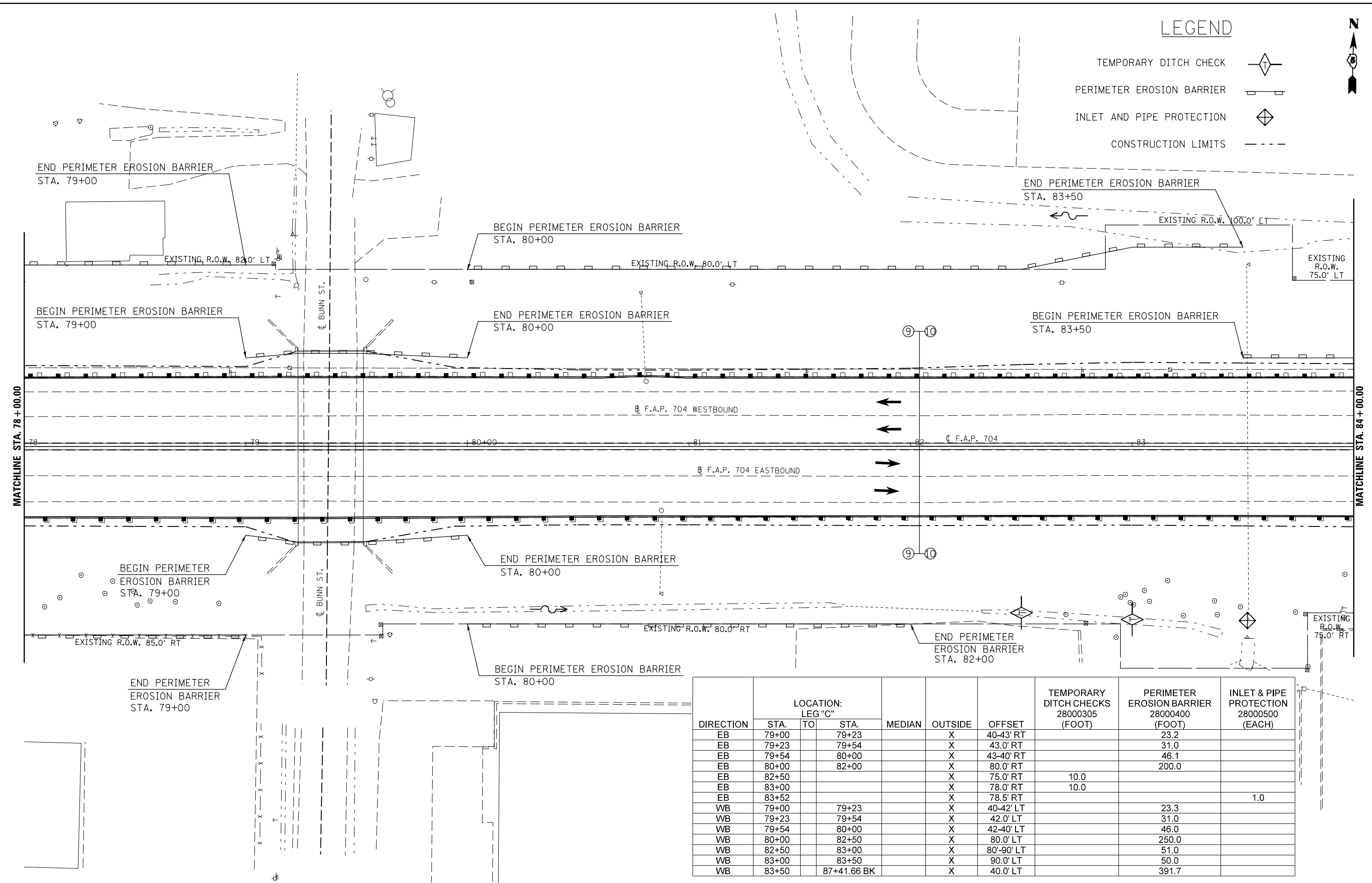
LEGEND

TEMPORARY DITCH CHECK	
PERIMETER EROSION BARRIER	
INLET AND PIPE PROTECTION	
CONSTRUCTION LIMITS	

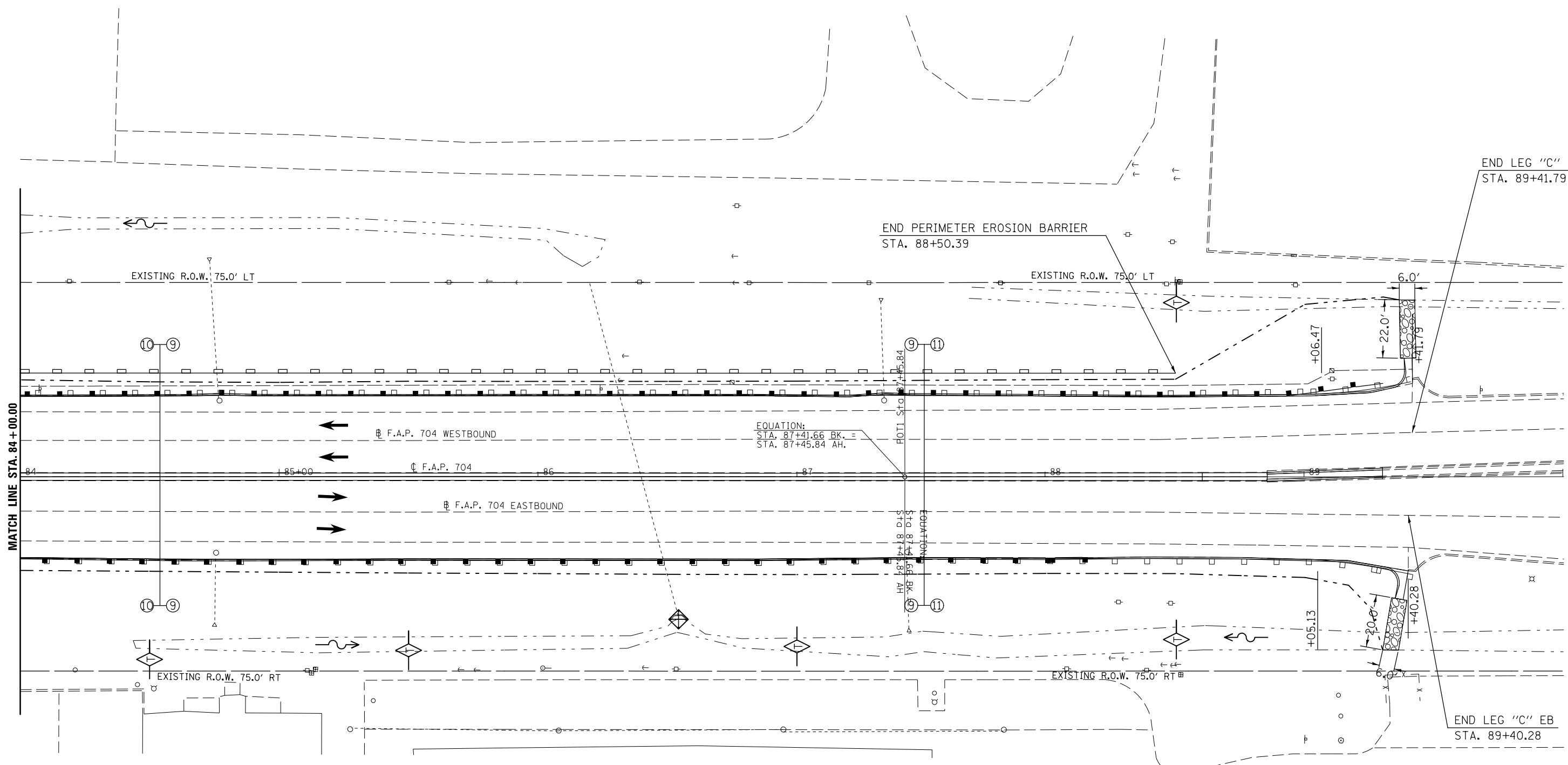
FILE NAME =	USER NAME = dodgms	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUS 55 EROSION CONTROL SHEET			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pwork\pwork\dot\dodgms\d0421881\0570225-sht-plan_BUS55.dgn		DRAWN -	REVISED -					704	(57-7)I	McLean	180	76
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -					CONTRACT NO. 70B25				
	PLOT DATE = 1/26/2015	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				
				SCALE: 1" = 20'			SHEET 6 OF 9 SHEETS	STA. 72+00.00 TO STA. 78+00.00				

LEGEND

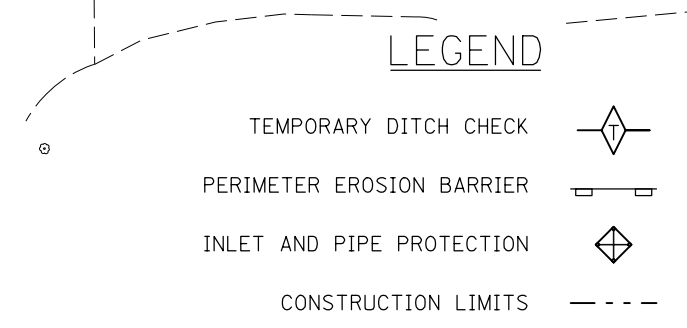
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- CONSTRUCTION LIMITS



DIRECTION	LOCATION: LEG "C"			MEDIAN	OUTSIDE	OFFSET	TEMPORARY DITCH CHECKS 28000305 (FOOT)	PERIMETER EROSION BARRIER 28000400 (FOOT)	INLET & PIPE PROTECTION 28000500 (EACH)
	STA.	TO	STA.						
EB	79+00		79+23		X	40-43' RT		23.2	
EB	79+23		79+54		X	43.0' RT		31.0	
EB	79+54		80+00		X	43-40' RT		46.1	
EB	80+00		82+00		X	80.0' RT		200.0	
EB	82+50				X	75.0' RT	10.0		
EB	83+00				X	78.0' RT	10.0		
EB	83+52				X	78.5' RT			1.0
WB	79+00		79+23		X	40-42' LT		23.3	
WB	79+23		79+54		X	42.0' LT		31.0	
WB	79+54		80+00		X	42-40' LT		46.0	
WB	80+00		82+50		X	80.0' LT		250.0	
WB	82+50		83+00		X	80'-90' LT		51.0	
WB	83+00		83+50		X	90.0' LT		50.0	
WB	83+50		87+41.66 BK		X	40.0' LT		391.7	





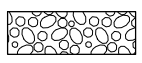


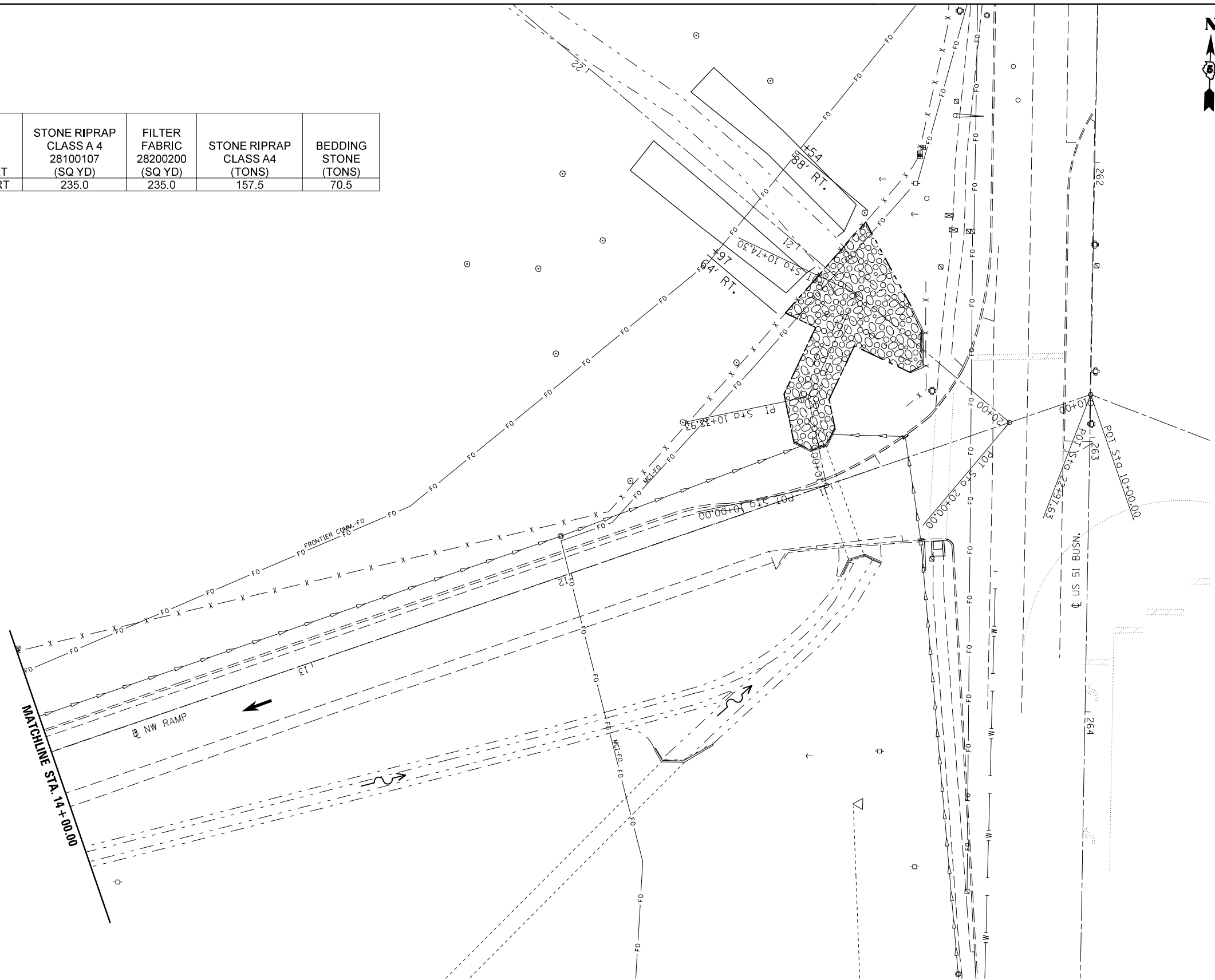
DIRECTION	LOCATION: LEG "C"			MEDIAN	OUTSIDE	OFFSET	TEMPORARY DITCH CHECKS 28000305 (FOOT)	PERIMETER EROSION BARRIER 28000400 (FOOT)	INLET & PIPE PROTECTION 28000500 (EACH)	STONE RIPRAP CLASS A 4 28100107 (SQ YD)	FILTER FABRIC 28200200 (SQ YD)	STONE RIPRAP CLASS A4 (TONS)	BEDDING STONE (TONS)
	STA.	TO	STA.										
EB	84+50				X	70.5' RT	10.0						
EB	85+50				X	67.0' RT	10.0						
EB	86+54				X	60.0' RT			1.0				
EB	87+00				X	65.5' RT	10.0						
EB	88+50				X	63.0' RT	10.0						
EB	89+31				X	47-66' RT				13.3	13.3	8.9	4.0
WB	87+45.84 AH		88+50.39		X	40.0' LT		104.6					
WB	88+50				X	67.0' LT	10.0						
WB	89+33				X	46-68' LT				14.7	14.7	9.8	4.4



DIRECTION	LOCATION: NW RAMP:			MEDIAN	OUTSIDE	OFFSET	STONE RIPRAP CLASS A 4 28100107 (SQ YD)	FILTER FABRIC 28200200 (SQ YD)	STONE RIPRAP CLASS A4 (TONS)	BEDDING STONE (TONS)
	STA.	TO	STA.							
RT	10+50		11+00		X	15-85' RT	235.0	235.0	157.5	70.5

LEGEND

- TEMPORARY DITCH CHECK 
- PERIMETER EROSION BARRIER 
- INLET AND PIPE PROTECTION 
- CONSTRUCTION LIMITS 
- STONE RIPRAP, CLASS A4, 16" W/ 6"
BEDDING STONE AND FILTER FABRIC
(SEE SHEETS 93 & 94) 



FILE NAME =	USER NAME = dodgems	DESIGNED -	REVISED -
et:\pw_work\p\dot\dodgems\d0421881\0570025-sht-plan_BUS55.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/26/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BUS 55 NW RAMP EROSION CONTROL SHEET

SCALE: 1" = 20' SHEET 9 OF 9 SHEETS STA. 10+00.00 TO STA. 14+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)I	McLean	180	79
CONTRACT NO. 70B25			ILLINOIS FED. AID PROJECT	

GENERAL PLAN & ELEVATION

S.N. 057-0063

ELEVATIONS SHOWN HAVE BEEN TAKEN FROM AS-BUILT PLANS AND ARE INCLUDED FOR PERSPECTIVE ONLY.

STRUCTURE 057-0063 WAS BUILT IN 1939 AS FA ROUTE 5, SECTION 1-H-B AT STATION 48+08.5 BY THE STATE OF ILLINOIS IN MCLEAN COUNTY. IN 1972, THE WEST ABUTMENT AND APPROACH SLABS WERE RECONSTRUCTED WITH FA ROUTE 2, SECTION (56R-1). THE STRUCTURE WAS REHABILITATED IN 1984 WITH FAP ROUTE 704, SECTION 1HBR. WITH THE REHABILITATION SECTION, THE SUBSTRUCTURE WAS RAISED TO PROVIDE ADDITIONAL VERTICAL CLEARANCE OVER US-51 AND A STEEL BEAM SUPERSTRUCTURE WAS PLACED. FINALLY, CRASH WALL EXTENSIONS WERE ADDED TO PIER 1 WITH FAP ROUTE 730, SECTION (56)RS-2 IN 2008.

THE EXISTING STRUCTURE IS A THREE-SPAN STRUCTURE WITH A BACK-TO-BACK OF ABUTMENT LENGTH OF 167'-1". THE STRUCTURE HAS TWO APPROACH SPANS AT 18'-11 1/2" GIVING A TOTAL STRUCTURE LENGTH OF 205'-0". ORIGINALLY, THE APPROACH SLABS WERE RESTING ON FILLED ABUTMENTS. HOWEVER, WITH THE SUPERSTRUCTURE REPLACEMENT SECTION IN 1984, THE WEST ABUTMENT WAS CONVERTED TO A VAULTED ABUTMENT. THE REINFORCED CONCRETE DECK HAS TWO TRAVEL LANES IN EACH DIRECTION WITH A 4'-0" BARRIER CURB BONDED MEDIAN BETWEEN. THE TOTAL DECK WIDTH IS 56'-0" FROM PARAPET TO PARAPET AND HAS AN OUT-TO-OUT WIDTH OF 59'-6". THE SUPERSTRUCTURE CONSISTS OF NINE 27" WIDE-FLANGE STEEL BEAMS SUPPORTING A 7 1/2" R.C. DECK. THE SUPERSTRUCTURE IS SUPPORTED BY TWO VAULTED ABUTMENTS (ONE FILLED) ON SPREAD FOOTINGS AND TWO MULTI-COLUMN PIERS ON SPREAD FOOTINGS. THE WEST VERTICAL ABUTMENT FACE IS EXPOSED TO TRAFFIC AND THE EAST ABUTMENT IS PROTECTED WITH STABILIZED FILL.

METHOD OF CONSTRUCTION: STAGE CONSTRUCTION

SEE PROPOSED IMPROVEMENTS ON THIS SHEET.

PROPOSED WORK

1. REPLACE HATCH BLOCKS AND PERFORM PARTIAL-DEPTH PATCHING ON APPROACH SLABS.
2. PLACE POLYMER CONCRETE NOSING IN NEW HATCH BLOCKS AND REPLACE PREFORMED JOINT SEALS WITH SILICONE JOINT SEALER.
3. PERFORM STRUCTURAL CONCRETE REPAIR ON SUBSTRUCTURE UNITS AS NEEDED.

TOTAL BILL OF MATERIALS

ITEM	UNIT	TOTAL
CONCRETE REMOVAL	CU YD	7.0
REINFORCEMENT BARS, EPOXY COATED	POUND	820.0
BAR SPLICERS	EACH	28
CONCRETE SUPERSTRUCTURE	CU YD	6.2
POLYMER CONCRETE	CU FT	17.1
APPROACH SLAB REPAIR (PARTIAL)	SQ YD	5.8
SILICONE JOINT SEALER, 1 3/4"	FOOT	58.0
SILICONE JOINT SEALER, 2 3/4"	FOOT	58.0
STRUCTURAL REPAIR OF CONCRETE, (DEPTH EQUAL TO OR LESS THAN 5')	SQ FT	379.4
PROTECTIVE COAT	SQ YD	17.5

GENERAL NOTES

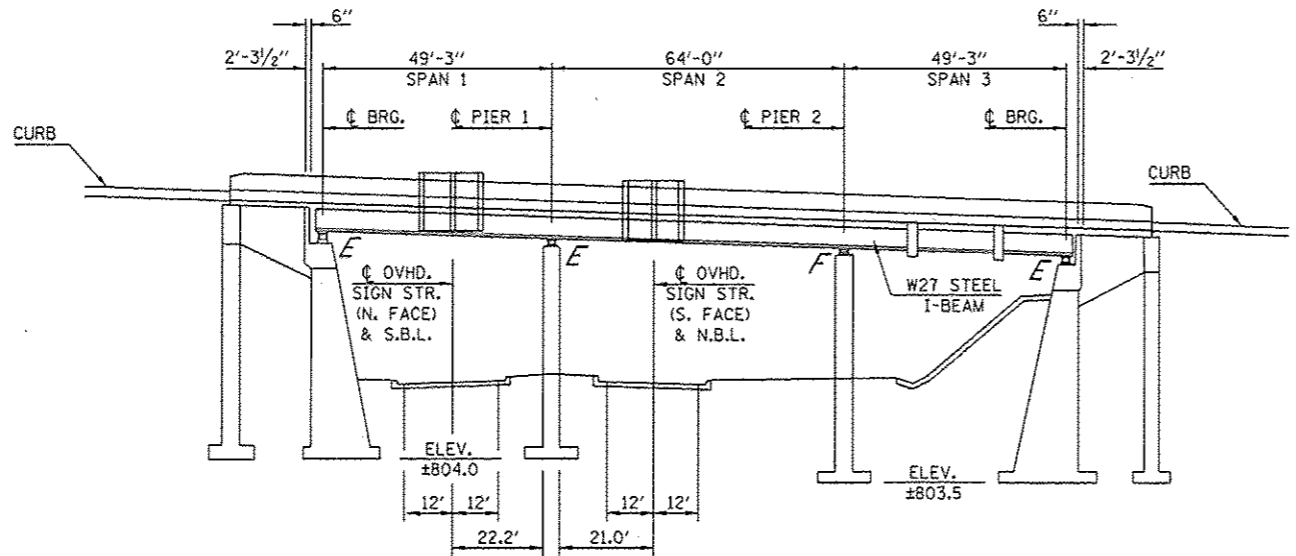
PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING PLANS ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN SCOPE OF WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.

EXISTING REINFORCEMENT BARS EXTENDING INTO THE REMOVAL AREA SHALL BE CLEANED, STRAIGHTENED AND INCORPORATED INTO THE NEW CONSTRUCTION. ANY REINFORCEMENT BARS THAT ARE DAMAGED DURING CONCRETE REMOVAL SHALL BE REPLACED WITH AN APPROVED BAR SPLICER OR ANCHORAGE SYSTEM. COST INCLUDED WITH CONCRETE REMOVAL.

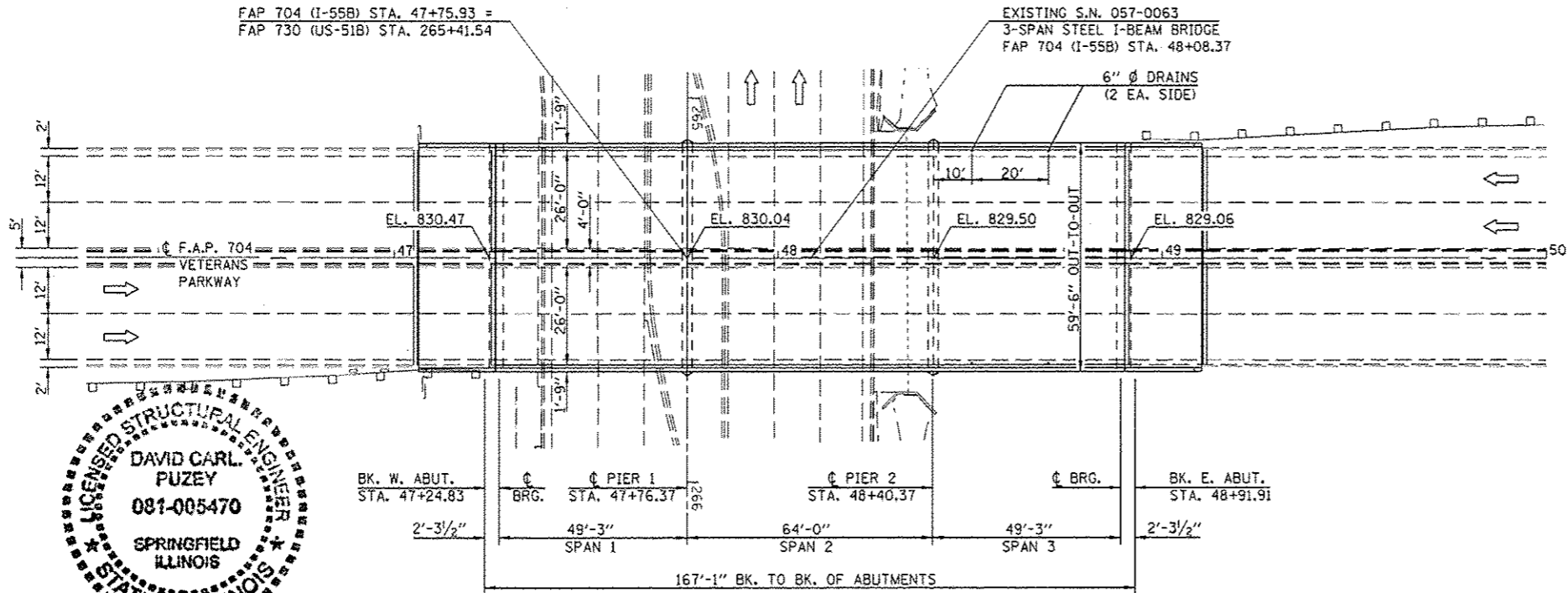
REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.

THE DECK SURFACE SHALL HAVE ITS FINAL FINISH TINED ACCORDING TO ARTICLE 420.09(1) OF THE STANDARDS SPECIFICATIONS. COST INCLUDED WITH CONCRETE SUPERSTRUCTURE.

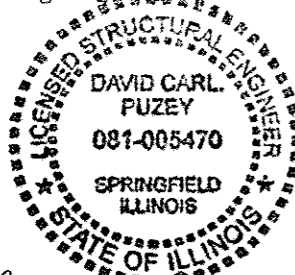
JOINT OPENINGS SHALL BE ADJUSTED ACCORDING TO ARTICLE 520.04 OF THE STD. SPECS. WHEN THE DECK IS POURED AT AN AMBIENT TEMPERATURE OTHER THAN 50° F.



ELEVATION



PLAN

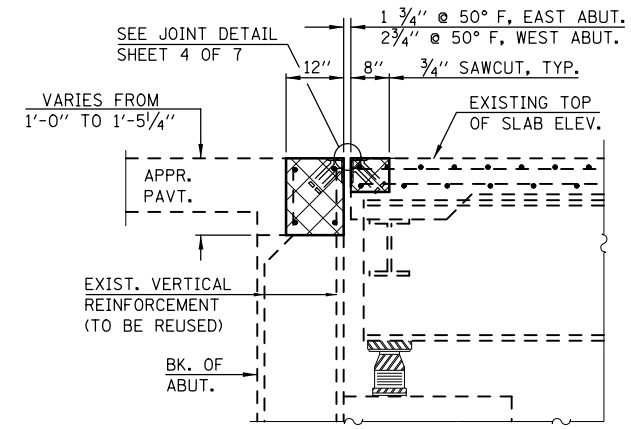
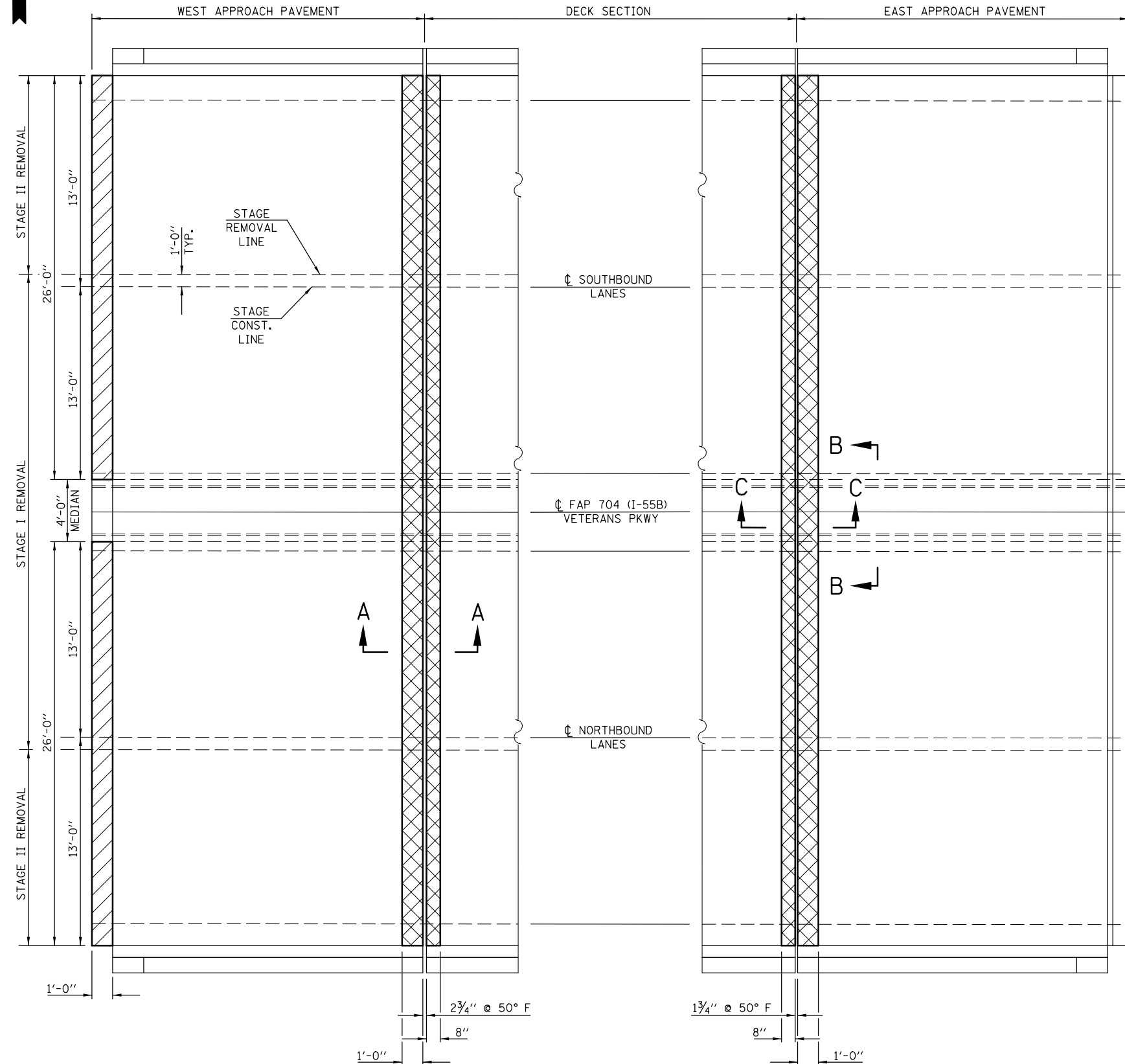


David Carl Puzey 3/5/15
Expires 11/30/16

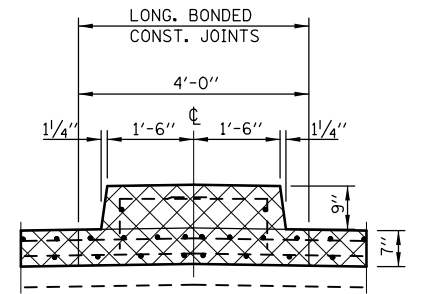
FILE NAME: c:\pwwork\pwwork\dodgens\d0421881\0570063-ans-ty.dgn	USER NAME: dodgens	DESIGNED - GMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN & ELEVATION S.N. 057-0063 I-55 BUSINESS LOOP OVER US ROUTE 51 BUSN	F.A.P. RTE: 704	SECTION: (57-71)	COUNTY: McLean	TOTAL SHEETS: 180	SHEET NO.: 80
SCALE: 1/2" = 1'-0"	DATE: 10-29-12	CHECKED - BJM	REVISED -	SCALE: 1/2" = 1'-0"	SHEET NO. 1 OF 8 SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 70825	

CONCRETE REMOVAL PLAN

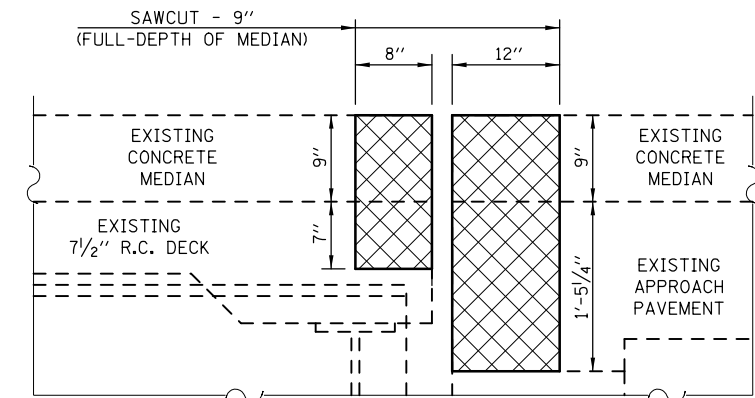
S.N. 057-0063



SECTION A-A



SECTION B-B



SECTION C-C

LEGEND

- APPROACH SLAB REPAIR (PARTIAL-DEPTH)
- CONCRETE REMOVAL

BILL OF MATERIALS

ITEM	UNIT	TOTAL
APPROACH SLAB REPAIR (PARTIAL-DEPTH)	SQ YD	5.8
CONCRETE REMOVAL	CU YD	7.0

NOTES

EXISTING REINFORCEMENT BARS EXTENDING INTO THE REMOVAL AREA SHALL BE CLEANED, STRAIGHTENED AND INCORPORATED INTO THE NEW CONSTRUCTION. ANY REINFORCEMENT BARS THAT ARE DAMAGED DURING CONCRETE REMOVAL SHALL BE REPLACED WITH AN APPROVED BAR SPLICER OR ANCHORAGE SYSTEM. COST INCLUDED WITH CONCRETE REMOVAL.

THE LIMITS OF CONCRETE REMOVAL ON THE DECK SIDE OF THE JOINT ARE INTENDED TO PROVIDE FOR THE REMOVAL OF THE EXISTING STEEL ARMOR. THE ARMOR EXTENDS INTO THE PARAPET AND SHALL BE CUT OFF FLUSH WITH THE FACE OF THE PARAPET CURB AT THE EDGE OF THE REMOVAL LIMITS. COST INCLUDED WITH CONCRETE REMOVAL.

SEE SPECIAL PROVISION "DECK SLAB REPAIR" FOR APPROACH SLAB REPAIR (PARTIAL-DEPTH). FOR INTENT OF THIS WORK, "DECK" = "APPROACH".

FILE NAME =	USER NAME = dodgems	DESIGNED - GMS	REVISED -
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PLOT SCALE = 48.0001' / in.		CHECKED - BJM	REVISED -
PLOT DATE = 1/26/2015		DATE - 10-29-12	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

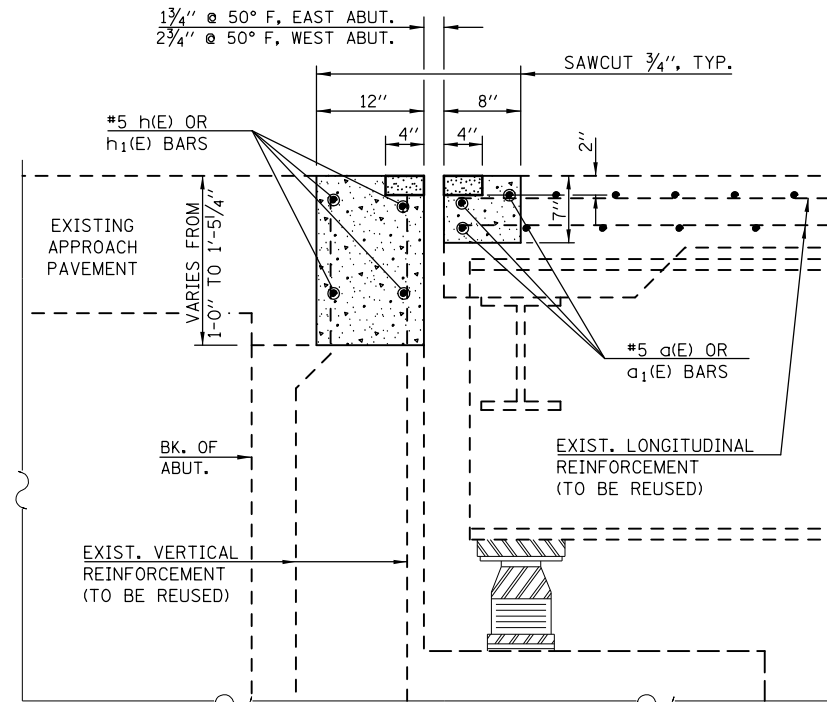
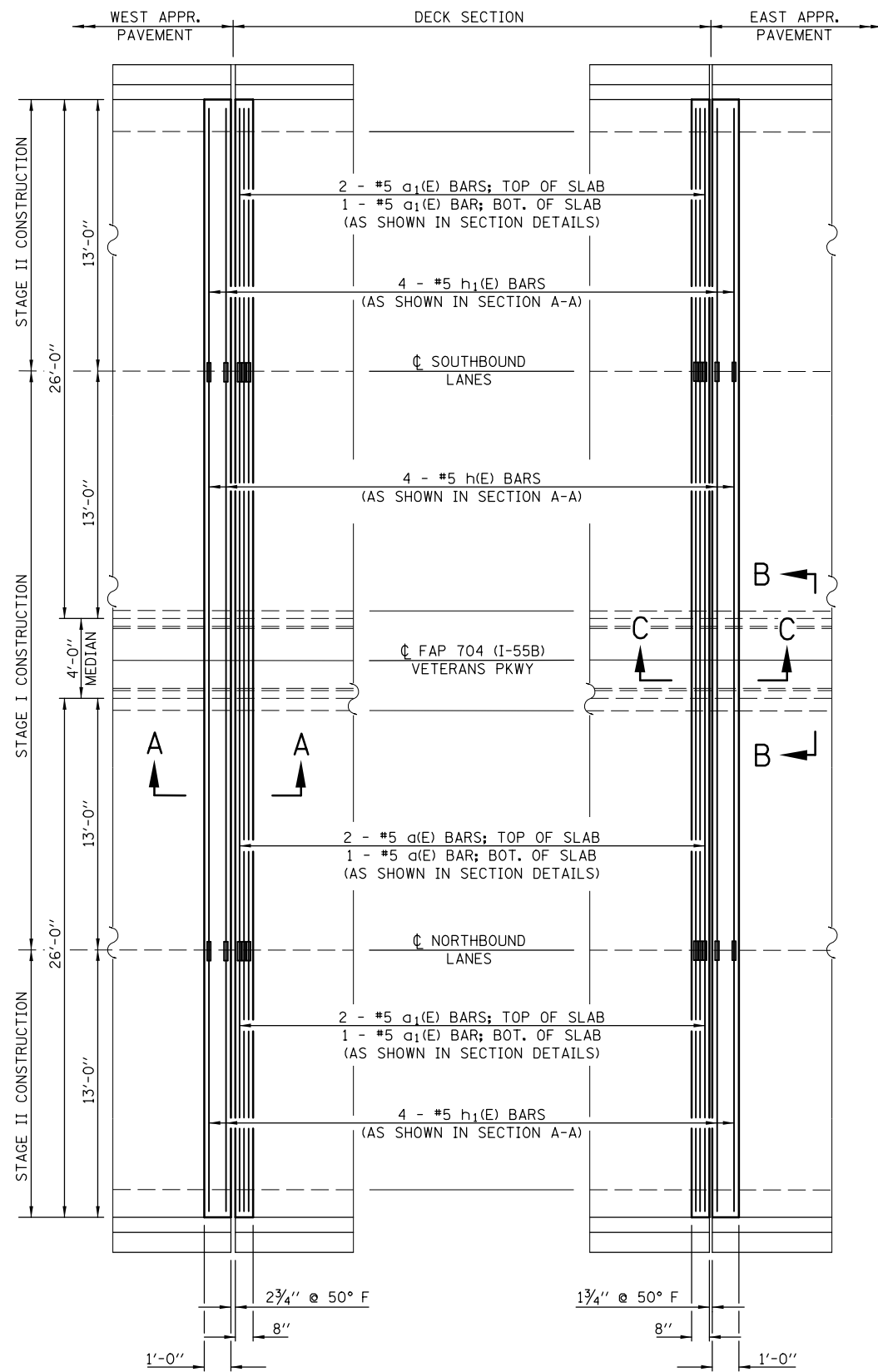
**CONCRETE REMOVAL PLAN
S.N. 057-0063**

SCALE: SHEET NO. 2 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)I	McLean	180	81
CONTRACT NO. 70B25				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

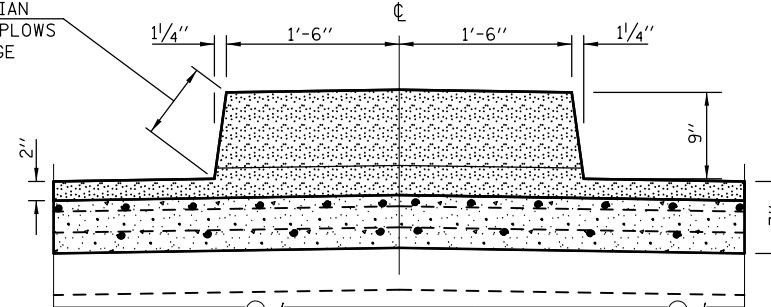
SUPERSTRUCTURE REPAIR PLAN

S.N. 057-0063

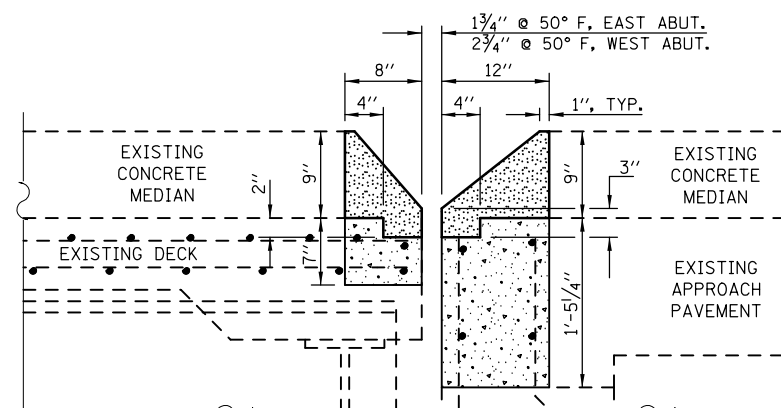


SECTION A-A

ROUND CORNERS AT MEDIAN
END TO PREVENT SNOW PLOWS
FROM SNAGGING THE EDGE



SECTION B-B



SECTION C-C

BILL OF MATERIAL

BAR	NO.	SIZE	LENGTH	SHAPE
a ₁ (E)	6	#5	30'-0"	—
a ₁ (E)	12	#5	12'-10"	—
h(E)	8	#5	30'-0"	—
h ₁ (E)	16	#5	12'-10"	—
CONCRETE SUPERSTRUCTURE			CU YD	6.2
POLYMER CONCRETE			CU FT	17.1
REINFORCEMENT BARS (EPOXY COATED)			POUND	820.0
BAR SPLICERS			EACH	28
PROTECTIVE COAT			SQ YD	17.5

NOTES

EXISTING REINFORCEMENT BARS EXTENDING INTO THE REMOVAL AREA SHALL BE CLEANED, STRAIGHTENED AND INCORPORATED INTO THE NEW CONSTRUCTION. ANY REINFORCEMENT BARS THAT ARE DAMAGED DURING CONCRETE REMOVAL SHALL BE REPLACED WITH AN APPROVED BAR SPLICER OR ANCHORAGE SYSTEM. COST INCLUDED WITH CONCRETE REMOVAL.

REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.

EXCLUDING POLYMER CONCRETE, PROTECTIVE COAT SHALL BE APPLIED TO ALL NEW CONCRETE SURFACES PER ARTICLE 503.19 OF THE STD. SPECS.

LEGEND

	POLYMER CONCRETE
	CONCRETE SUPERSTRUCTURES

FILE NAME =	USER NAME = dodgems	DESIGNED - GMS	REVISED -
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PLOT SCALE = 48.0001' / in.		CHECKED - BJM	REVISED -
PLOT DATE = 1/26/2015		DATE - 10-29-12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

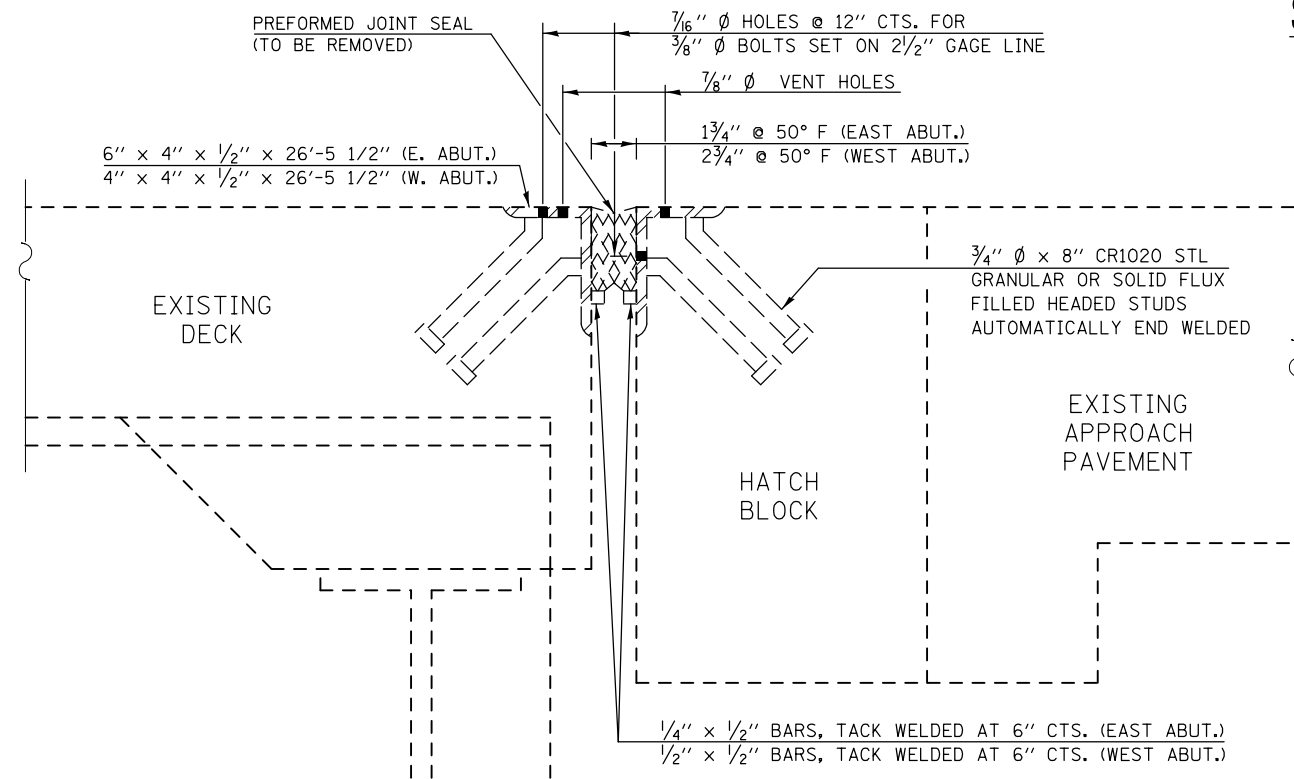
SUPERSTRUCTURE REPAIR PLAN
S.N. 057-0063

SCALE: SHEET NO. 3 OF 8 SHEETS STA. TO STA.

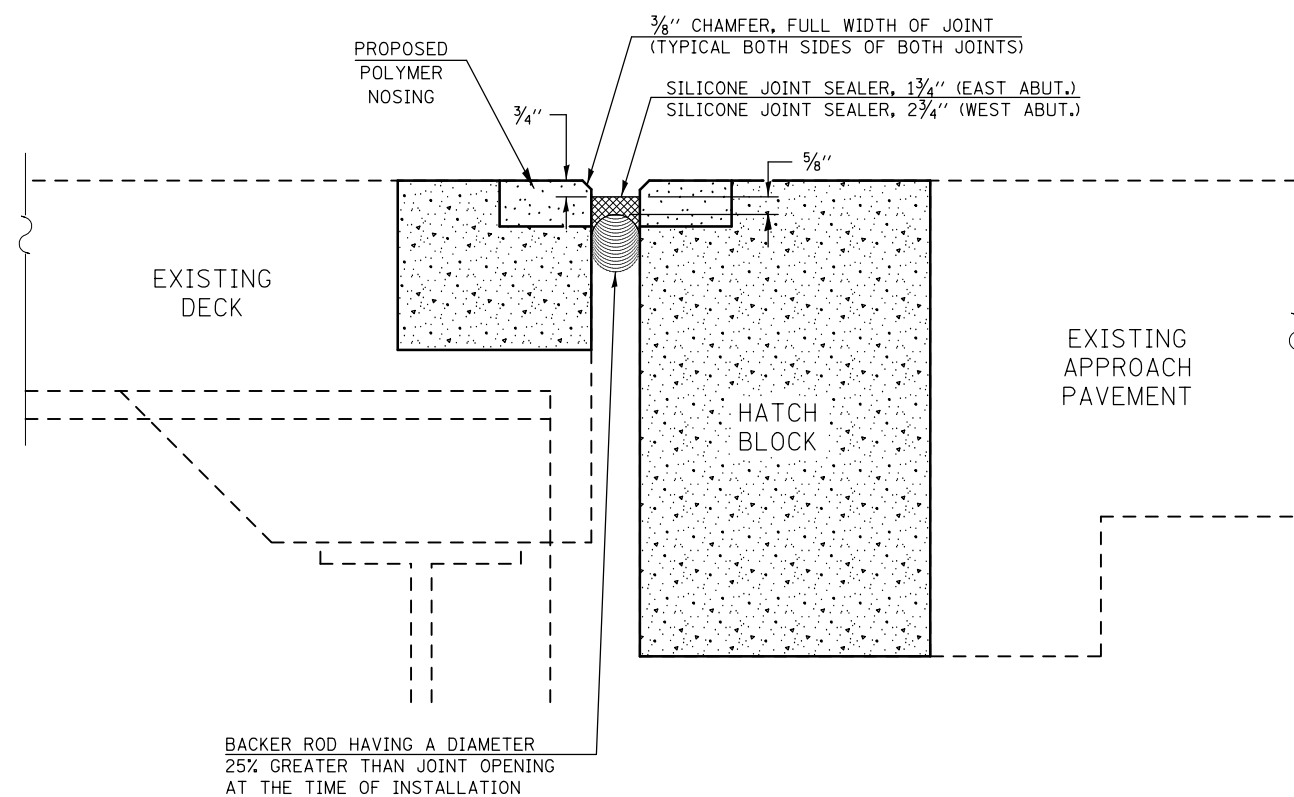
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)I	McLean	180	82
CONTRACT NO. 70B25				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

JOINT REPAIR PLAN

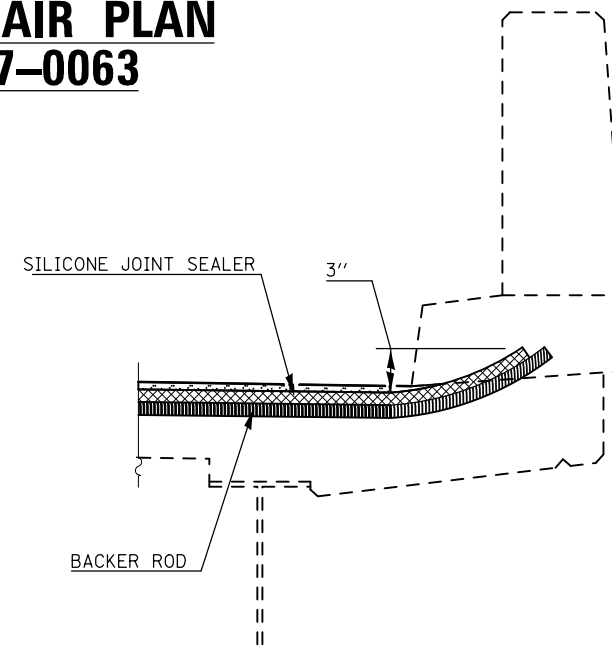
S.N. 057-0063



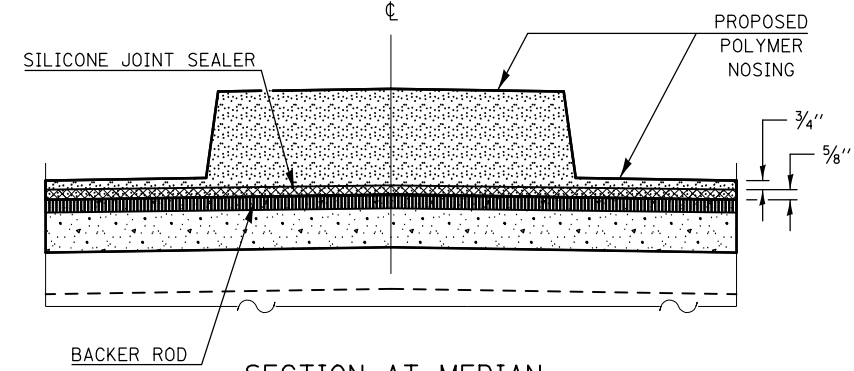
SECTION AT EXISTING JOINT



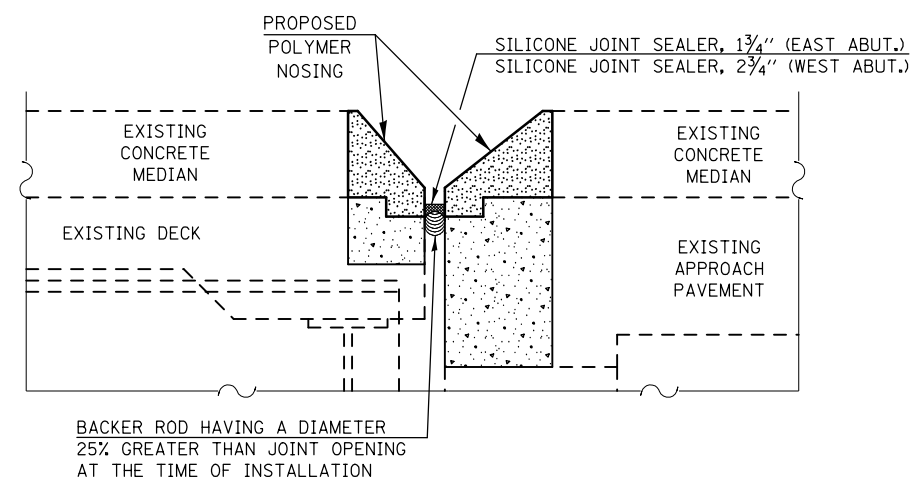
SECTION AT PROPOSED JOINT



SECTION AT PARAPET



SECTION AT MEDIAN



PROFILE OF PROPOSED JOINT THRU MEDIAN

BILL OF MATERIALS

ITEM	UNIT	TOTAL
SILICONE JOINT SEALER, 1 3/4"	FOOT	58.0
SILICONE JOINT SEALER, 2 3/4"	FOOT	58.0

NOTES

THE EXISTING PREFORMED JOINT SEALER AND STEEL ARMOR IS TO BE REMOVED AND PROPERLY DISPOSED OF. COST INCLUDED IN CONCRETE REMOVAL.

SEE SHEETS 2-3 OF 8 FOR CONCRETE REMOVAL, CONCRETE SUPERSTRUCTURES & POLYMER CONCRETE DETAILS AND QUANTITIES.

FILE NAME =	USER NAME = dodgms	DESIGNED - GMS	REVISED -
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	PLOT DATE = 1/26/2015	DATE - 10-29-12	REVISED -

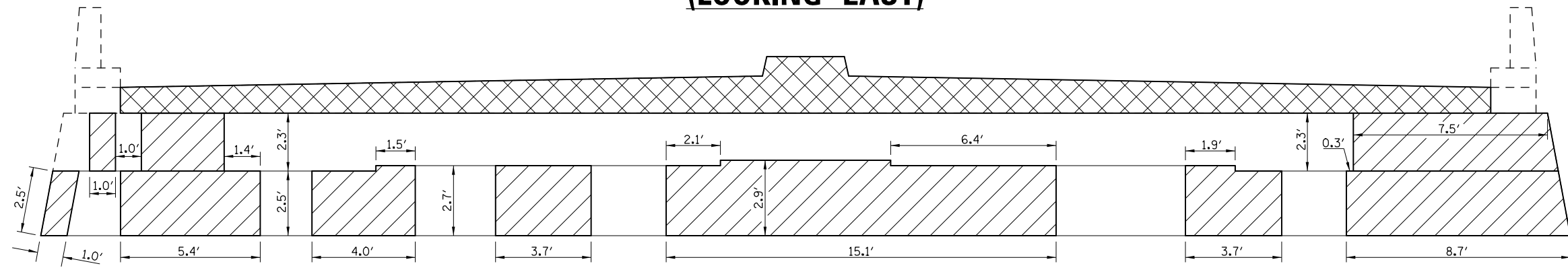
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**JOINT REPAIR PLAN
S.N. 057-0063**

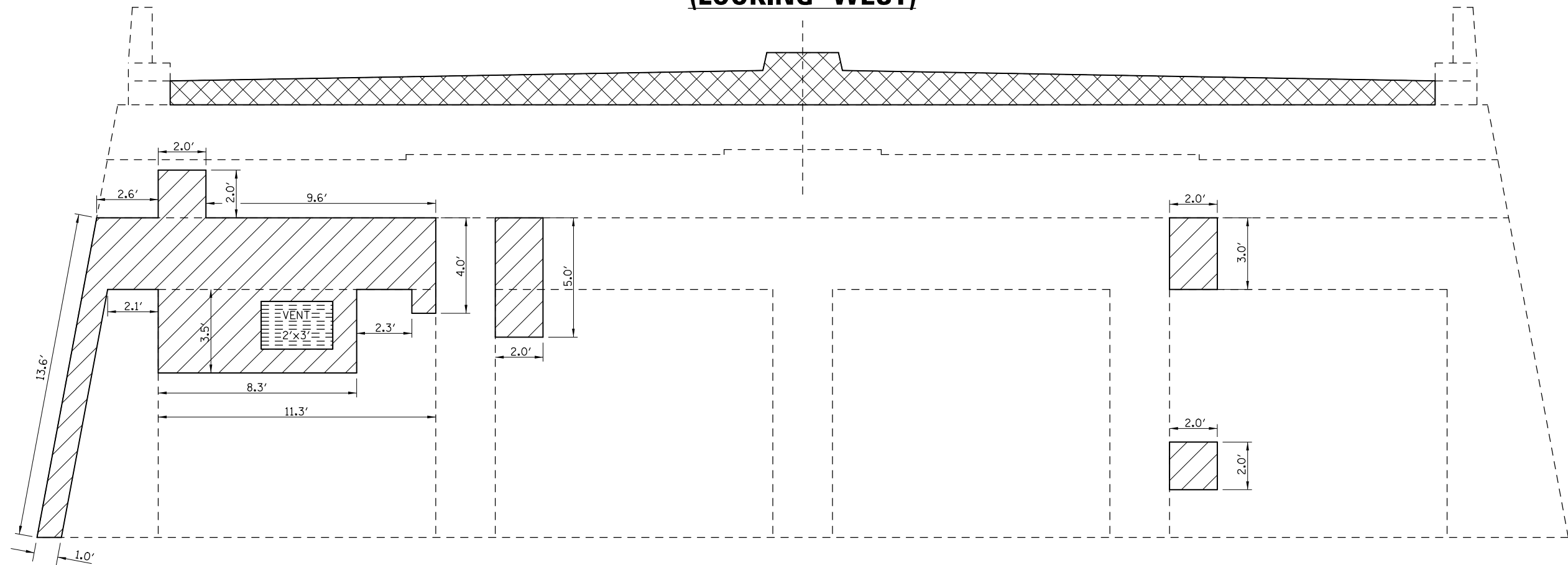
SCALE: SHEET NO. 4 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)I	McLean	180	83
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70B25	

EAST ABUTMENT (LOOKING EAST)



WEST ABUTMENT (LOOKING WEST)



LEGEND

- STRUCTURAL REPAIR OF CONCRETE, DEPTH EQUAL TO OR LESS THAN 5"
- CONCRETE REMOVAL & CONCRETE STRUCTURES (SEE SHEET 2-3 OF 8 FOR DETAILS & QUANTITIES)

NOTE:

SEE SPECIAL PROVISION FOR STRUCTURAL REPAIR OF CONCRETE.

THE CONTRACTOR SHALL USE CARE TO AVOID DAMAGING THE EXISTING 2'x3' VENT IN THE WEST ABUTMENT WALL DURING THE REMOVAL FOR STRUCTURAL REPAIR OF CONCRETE. THE EXISTING FRAME AND VENT SHALL BE SALVAGED AND REUSED. COST INCLUDED WITH STRUCTURAL REPAIR OF CONCRETE (DEPTH LESS THAN OR EQUAL TO 5 INCHES).

BILL OF MATERIALS

ITEM	UNIT	TOTAL
STRUCTURAL REPAIR OF CONCRETE, DEPTH EQUAL TO OR LESS THAN 5"	SQ FT	238.3

FILE NAME =	USER NAME = dodgems	DESIGNED - GMS	REVISED -
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	PLOT DATE = 1/26/2015	DATE - 10-29-12	REVISED -

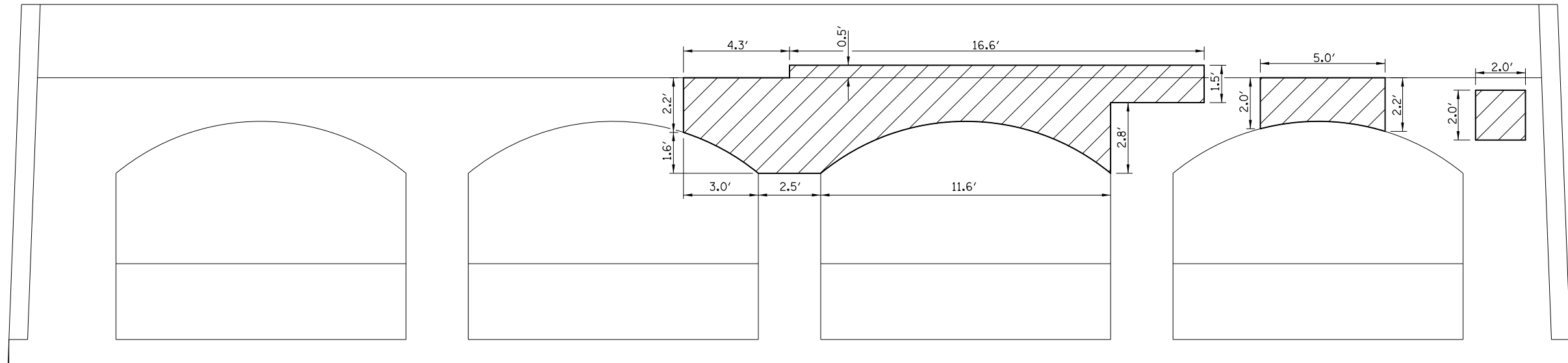
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**S.N. 057-0063 - SUBSTRUCTURE REPAIR PLAN
ABUTMENTS**

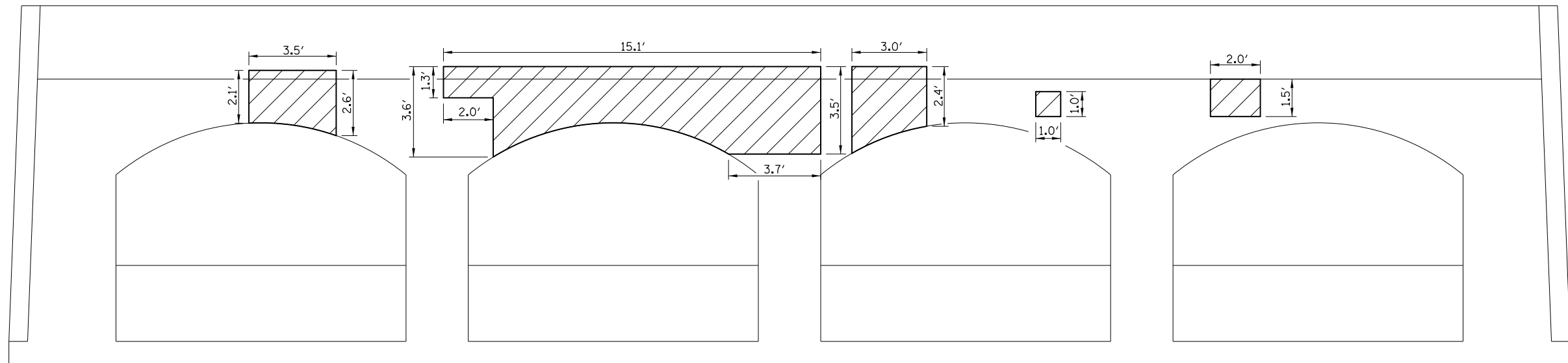
SCALE: SHEET 5 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)I	McLean	180	84
CONTRACT NO. 70B25				
ILLINOIS FED. AID PROJECT				

PIER 1 – WEST SIDE



PIER 1 – EAST SIDE



LEGEND

STRUCTURAL REPAIR OF CONCRETE, DEPTH EQUAL TO OR LESS THAN 5"

NOTE:

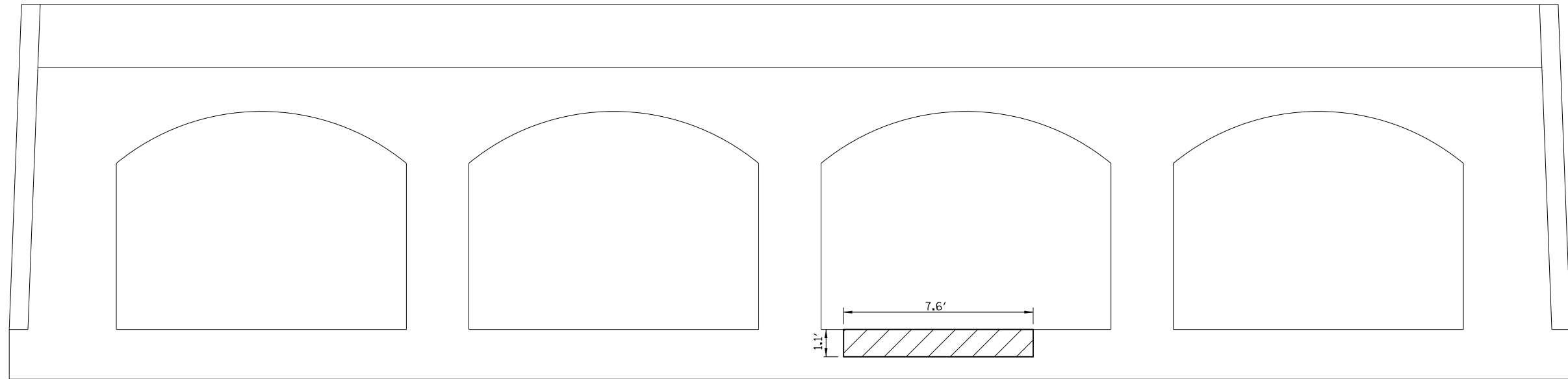
SEE SPECIAL PROVISION FOR STRUCTURAL REPAIR OF CONCRETE.

BILL OF MATERIALS

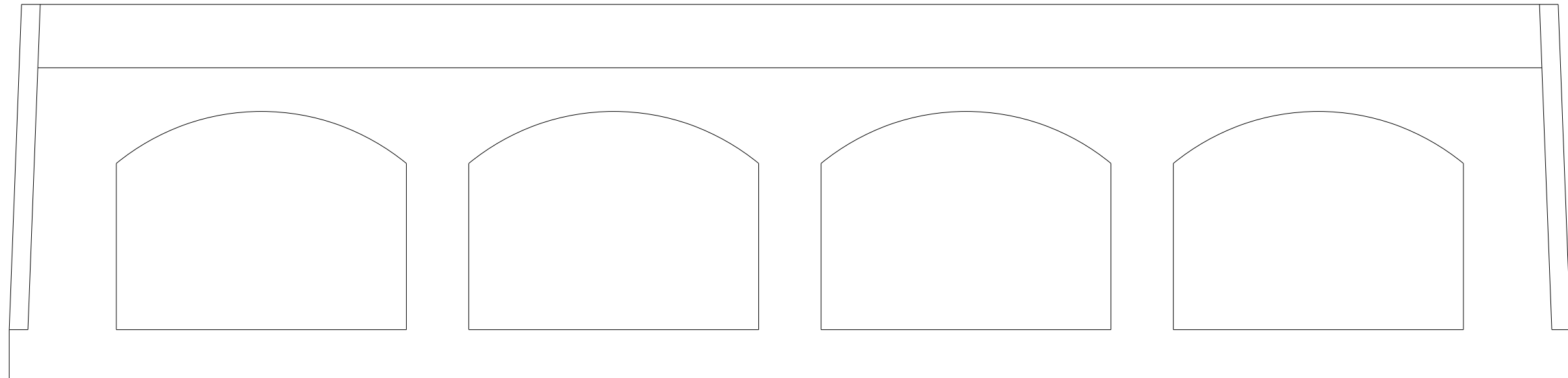
ITEM	UNIT	TOTAL
STRUCTURAL REPAIR OF CONCRETE, DEPTH EQUAL TO OR LESS THAN 5"	SQ FT	132.7

FILE NAME =	USER NAME = dodgems	DESIGNED - GMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	S.N. 057-0063 – SUBSTRUCTURE REPAIR PLAN PIER 1	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	et:\pw\work\p\dot\dodgems\d0421881\0570063-25-shd-Hyd.dgn	DRAWN - GMS	REVISED -			704	(57-7)I	McLean	180	85	
Default	PLOT SCALE = 40.0000' / in.	CHECKED - BJM	REVISED -			CONTRACT NO. 70B25					
	PLOT DATE = 1/26/2015	DATE - 10-29-12	REVISED -			ILLINOIS FED. AID PROJECT					

PIER 2 – WEST SIDE



PIER 2 – EAST SIDE



LEGEND

STRUCTURAL REPAIR OF CONCRETE,
DEPTH EQUAL TO OR LESS THAN 5"

NOTE:

SEE SPECIAL PROVISION FOR STRUCTURAL REPAIR OF CONCRETE.

BILL OF MATERIALS

ITEM	UNIT	TOTAL
STRUCTURAL REPAIR OF CONCRETE, DEPTH EQUAL TO OR LESS THAN 5"	SQ FT	8.4

FILE NAME =	USER NAME = dodgems	DESIGNED - GMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	S.N. 057-0063 – SUBSTRUCTURE REPAIR PLAN PIER 2	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - GMS	REVISED -			704	(57-7)I	McLean	180	86	
		CHECKED - BJM	REVISED -			CONTRACT NO. 70B25					
		DATE - 10-29-12	REVISED -			ILLINOIS FED. AID PROJECT					
Default	PLOT DATE = 1/26/2015			SCALE:	SHEET 7 OF 8 SHEETS	STA.	TO STA.				

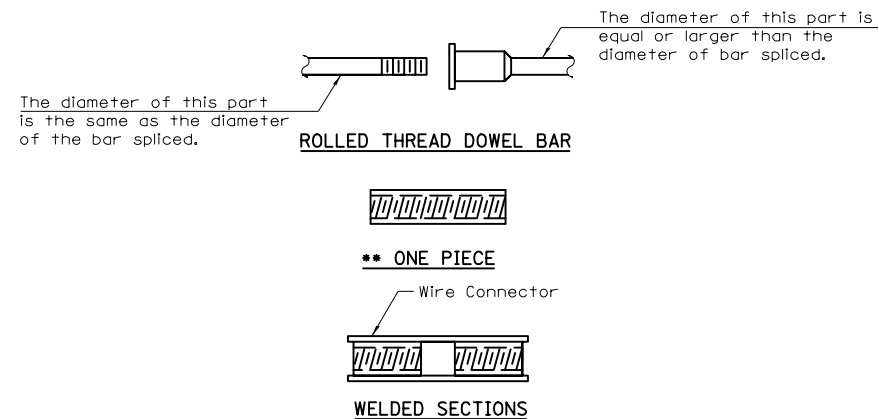
NOTES:

Bar splicer assemblies shall be of an approved type and shall develop in tension at least 125 percent of the yield strength of the lapped reinforcement bars. Splicer rods shall be of minimum 60 ksi yield strength, threaded or coiled full length. All reinforcement bars shall be lapped and tied to the splicer rods or dowel bars. Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. Other systems of similar design may be submitted to the Engineer for approval. Approval shall be based on certified test results from an approved testing laboratory that the proposed bar splicer assembly satisfies the following requirements:

- ① Minimum Capacity (Tension in kips) = $1.25 \times f_y \times A_t$
- ② Minimum Pull-out Strength (Tension in kips) = $0.66 \times f_y \times A_t$

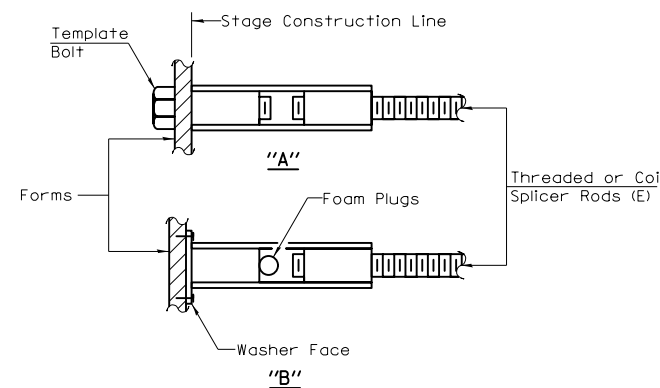
Where f_y = Yield strength of lapped reinforcement bars in ksi.
 A_t = Tensile stress area of lapped reinforcement bars.
 * = 28 day concrete

Bar Size to be Spliced	Splicer Rod or Dowel Bar Length	Strength Requirements	
		Min. Capacity kips - tension	Min. Pull-Out Strength kips - tension
#4	1'-8"	14.7	7.9
#5	2'-2"	23.0	12.3
#6	2'-7"	33.1	17.4
#7	3'-5"	45.1	23.8
#8	4'-6"	58.9	31.3
#9	5'-9"	75.0	39.6
#10	7'-3"	95.0	50.3
#11	9'-0"	117.4	61.8



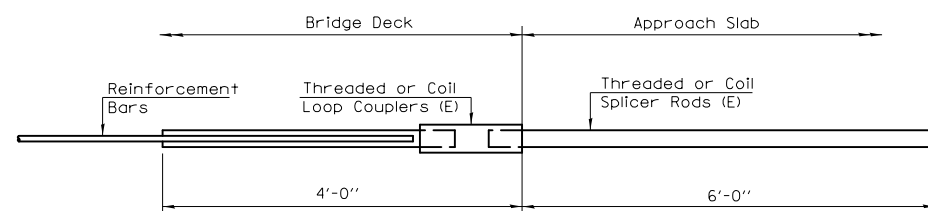
BAR SPLICER ASSEMBLY ALTERNATIVES

•• Heavy Hex Nuts conforming to ASTM A 563, Grade C, D or DH may be used.



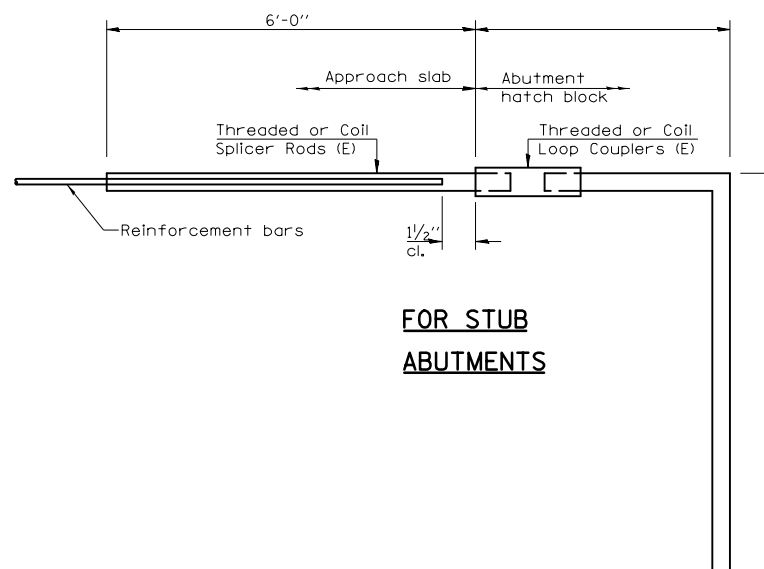
INSTALLATION AND SETTING METHODS

"A": Set bar splicer assembly by means of a template bolt.
 "B": Set bar splicer assembly by nailing to wood forms or cementing to steel forms.
 (E) : Indicates epoxy coating.



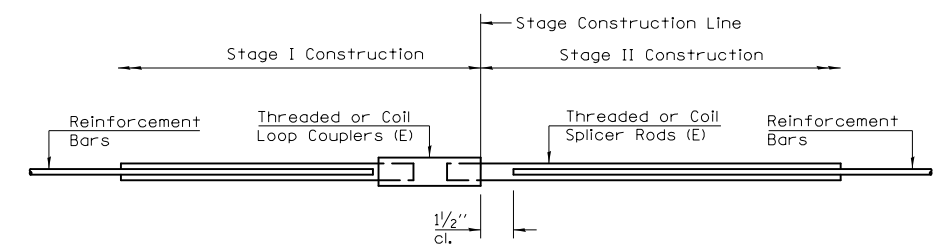
FOR INTEGRAL OR SEMI-INTEGRAL ABUTMENTS

Bar Splicer for #5 bar
Min. Capacity = 23.0 kips - tension
Min. Pull-out Strength = 12.3 kips - tension
No. Required = N.A.



FOR STUB ABUTMENTS

Bar Splicer for #5 bar
Min. Capacity = 23.0 kips - tension
Min. Pull-out Strength = 12.3 kips - tension
No. Required = N.A.



STANDARD

Bar Size	No. Assemblies Required	Location
#5	12	DECK ENDS
#5	16	HATCH BLOCKS

**BAR SPLICER ASSEMBLY DETAILS
 STRUCTURE NO. 057-0063**

BSD-1 10-1-08

GENERAL PLAN & ELEVATION S.N. 057-0064

STRUCTURE 057-0064 WAS BUILT IN 1940 AS FA ROUTE 5, SECTION 1-VB AT STATION 74+41 BY THE STATE OF ILLINOIS IN MCLEAN COUNTY. THE STRUCTURE WAS REHABILITATED IN 1987 WITH FAP ROUTE 704, SECTION 1-VBR. WITH THE REHABILITATION SECTION, THE SUBSTRUCTURE WAS RAISED TO PROVIDE ADDITIONAL VERTICAL CLEARANCE OVER THE THEN THREE EXISTING RAILROAD TRACKS AND A STEEL WIDE-FLANGE SUPERSTRUCTURE WAS PLACED.

THE EXISTING STRUCTURE IS A FIVE-SPAN STRUCTURE WITH A BACK-TO-BACK OF ABUTMENT LENGTH OF 306'-0". THE REINFORCED CONCRETE DECK HAS TWO TRAVEL LANES IN EACH DIRECTION WITH A 4'-0" BARRIER CURB BONDED MEDIAN BETWEEN. THE TOTAL DECK WIDTH IS 56'-0" FROM PARAPET TO PARAPET AND HAS AN OUT-TO-OUT WIDTH OF 59'-6". THE SUPERSTRUCTURE CONSISTS OF TEN 27" WIDE-FLANGE STEEL BEAMS SUPPORTING A 7 1/2" R.C. DECK. THE SUPERSTRUCTURE IS SUPPORTED BY TWO STUB ABUTMENTS ON CONCRETE PILES AND FOUR MULTI-COLUMN PIERS ON SPREAD FOOTINGS. THE SLOPES ARE PROTECTED WITH BITUMINOUS COATED AGGREGATE SLOPE WALLS. THE STRUCTURE LIES ON A 33° 30' RIGHT-FORWARD SKEW.

METHOD OF CONSTRUCTION: STAGE CONSTRUCTION

SEE PROPOSED IMPROVEMENTS ON THIS SHEET.

PROPOSED WORK

1. REPLACE EXISTING HATCH BLOCKS.
2. PLACE POLYMER CONCRETE NOSING IN NEW HATCH BLOCKS.
3. PERFORM PARTIAL DEPTH PATCHING ON APPROACH PAVEMENTS.
4. REPLACE EXISTING SILICONE JOINT SEALER.

TOTAL BILL OF MATERIALS

ITEM	UNIT	TOTAL
CONCRETE REMOVAL	CU YD	7.2
REINFORCEMENT BARS, EPOXY COATED	POUND	800.0
BAR SPLICERS	EACH	16
CONCRETE SUPERSTRUCTURE	CU YD	6.6
POLYMER CONCRETE	CU FT	14.2
APPROACH SLAB REPAIR (PARTIAL)	SO YD	12.2
SILICONE JOINT SEALER, 2 1/2"	FOOT	139.0
PROTECTIVE COAT	SO YD	21.5

GENERAL NOTES

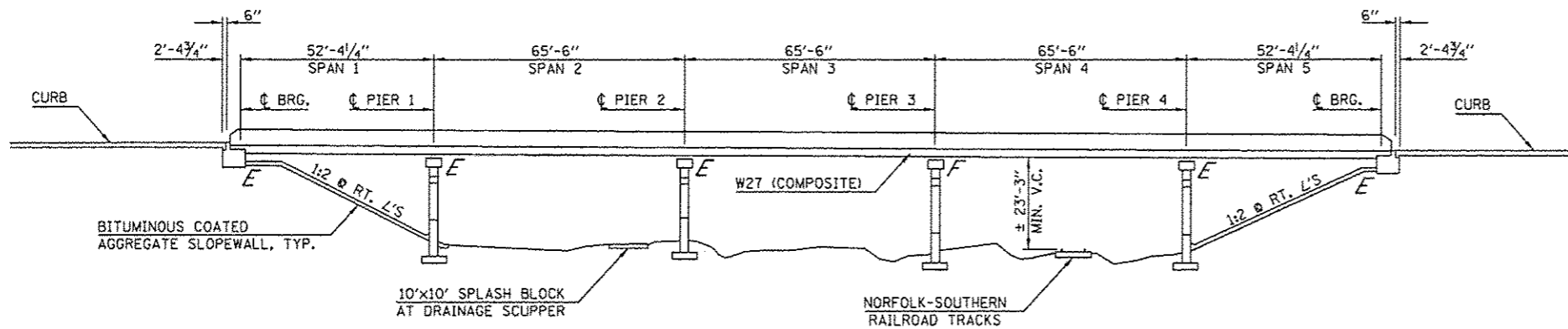
PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING PLANS ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN SCOPE OF WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.

EXISTING REINFORCEMENT BARS EXTENDING INTO THE REMOVAL AREA SHALL BE CLEANED, STRAIGHTENED AND INCORPORATED INTO THE NEW CONSTRUCTION. ANY REINFORCEMENT BARS THAT ARE DAMAGED DURING CONCRETE REMOVAL SHALL BE REPLACED WITH AN APPROVED BAR SPLICER OR ANCHORAGE SYSTEM. COST INCLUDED WITH CONCRETE REMOVAL.

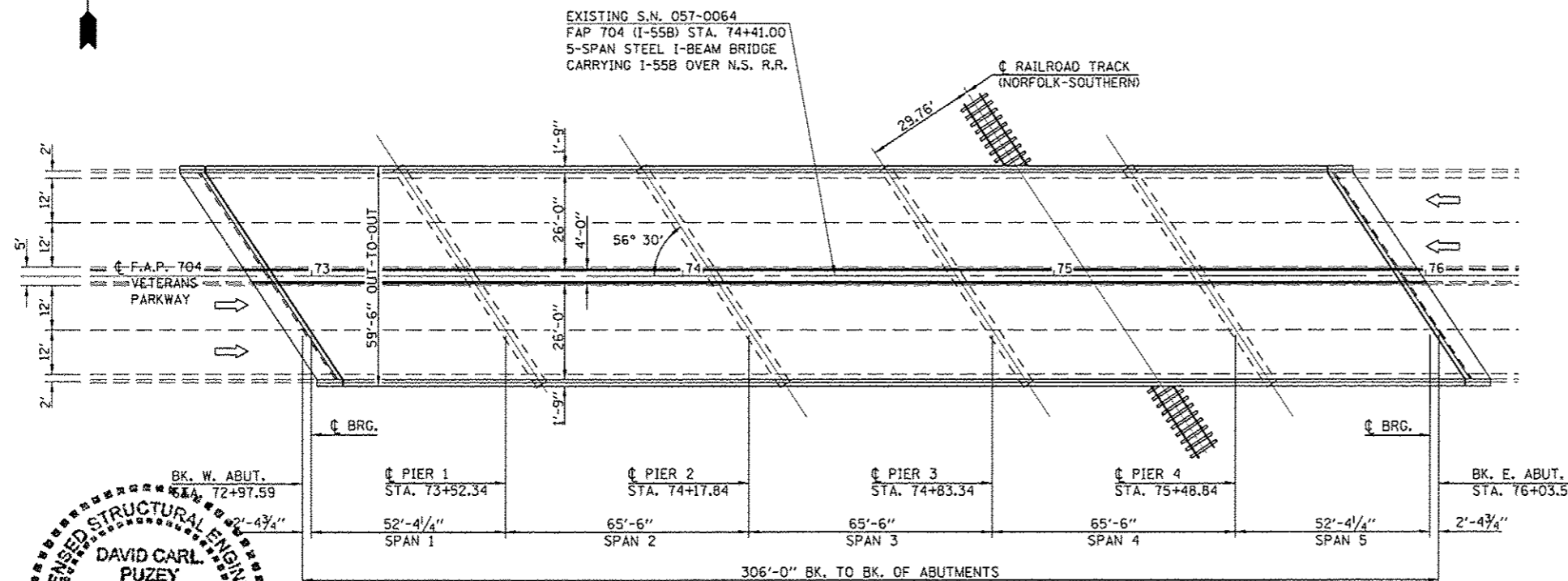
REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.

THE DECK SURFACE SHALL HAVE ITS FINAL FINISH TINED ACCORDING TO ARTICLE 420.09(6)(1) OF THE STANDARDS SPECIFICATIONS. COST INCLUDED WITH CONCRETE SUPERSTRUCTURE.

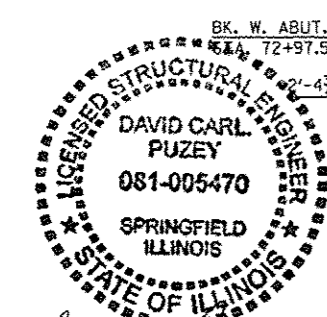
JOINT OPENINGS SHALL BE ADJUSTED ACCORDING TO ARTICLE 520.04 OF THE STD. SPECS. WHEN THE DECK IS POURED AT AN AMBIENT TEMPERATURE OTHER THAN 50° F.



ELEVATION



PLAN

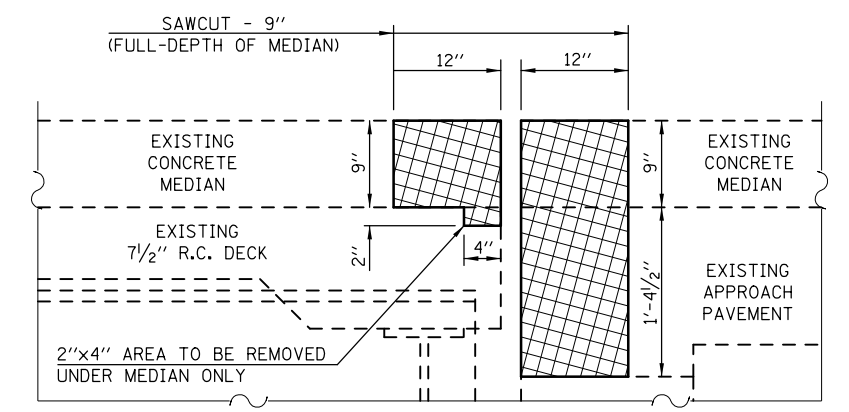
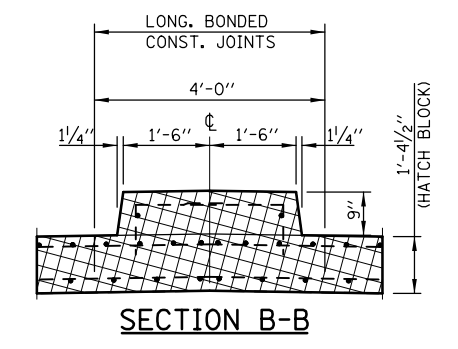
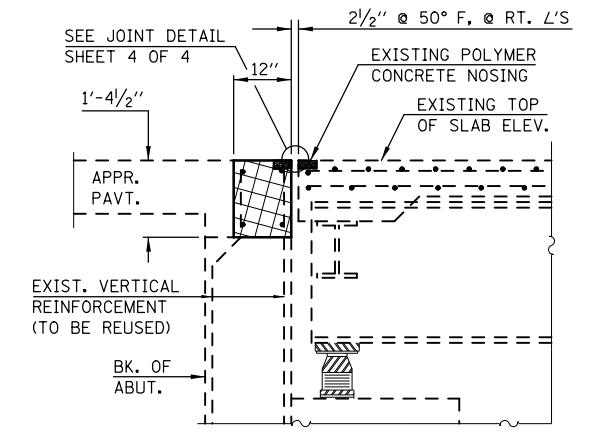
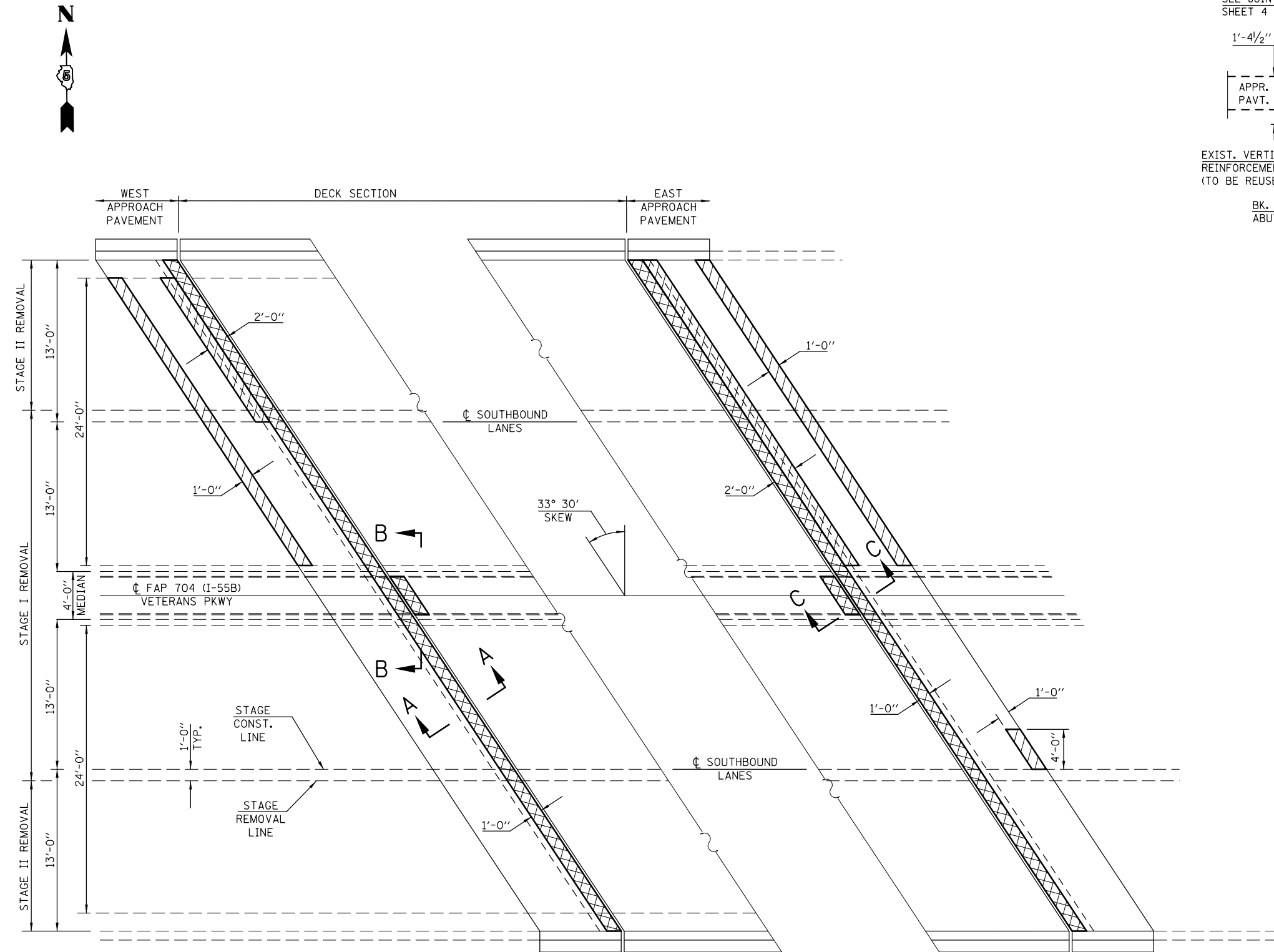


*David Carl Puzey 3/5/15
Expires 11/30/16*

FILE NAME: c:\p\work\p\idot\dodgema\02421881\0570825-shc-hyd.dgn	USER NAME: dodgema	DESIGNED: GMS	REVISED: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN & ELEVATION S.N. 057-0064 I-55 BUSINESS LOOP OVER NORFOLK-SOUTHERN RAILROAD			F.A.P. RTE.: 704	SECTION: (57-7)I	COUNTY: McLean	TOTAL SHEETS: 180	SHEET NO.: 88
PLOT SCALE: 40.0001' / 1"	PLOT DATE: 1/26/2015	DRAWN: GMS	REVISED: -		SCALE: 1" = 40'	SHEET NO. 1 OF 5 SHEETS	STA. TO STA.	CONTRACT NO. 70B25				
CHECKED: BJM	DATE: 10-29-12	REVISOR: -	REVISOR: -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
DATE: 10-29-12	REVISOR: -	REVISOR: -	REVISOR: -									

CONCRETE REMOVAL PLAN

S.N. 057-0064



LEGEND

- APPROACH SLAB REPAIR (PARTIAL-DEPTH)
- CONCRETE REMOVAL

BILL OF MATERIALS

ITEM	UNIT	TOTAL
APPROACH SLAB REPAIR (PARTIAL-DEPTH)	SQ YD	12.2
CONCRETE REMOVAL	CU YD	7.2

NOTES

- EXISTING REINFORCEMENT BARS EXTENDING INTO THE REMOVAL AREA SHALL BE CLEANED, STRAIGHTENED AND INCORPORATED INTO THE NEW CONSTRUCTION.
- ANY REINFORCEMENT BARS THAT ARE DAMAGED DURING CONCRETE REMOVAL SHALL BE REPLACED WITH AN APPROVED BAR SPLICER OR ANCHORAGE SYSTEM. COST INCLUDED WITH CONCRETE REMOVAL.
- SEE SPECIAL PROVISION "DECK SLAB REPAIR" FOR APPROACH SLAB REPAIR (PARTIAL-DEPTH). FOR INTENT OF THIS WORK, "DECK" = "APPROACH".

FILE NAME =	USER NAME = dodgems	DESIGNED - GMS	REVISED -
et:\pw\work\p\dot\dodgems\d0421881\0570064\25-sh-t-Hyd.dgn		DRAWN - GMS	REVISED -
	PLOT SCALE = 40.0001' / in.	CHECKED - BJM	REVISED -
	PLOT DATE = 1/26/2015	DATE - 10-29-12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

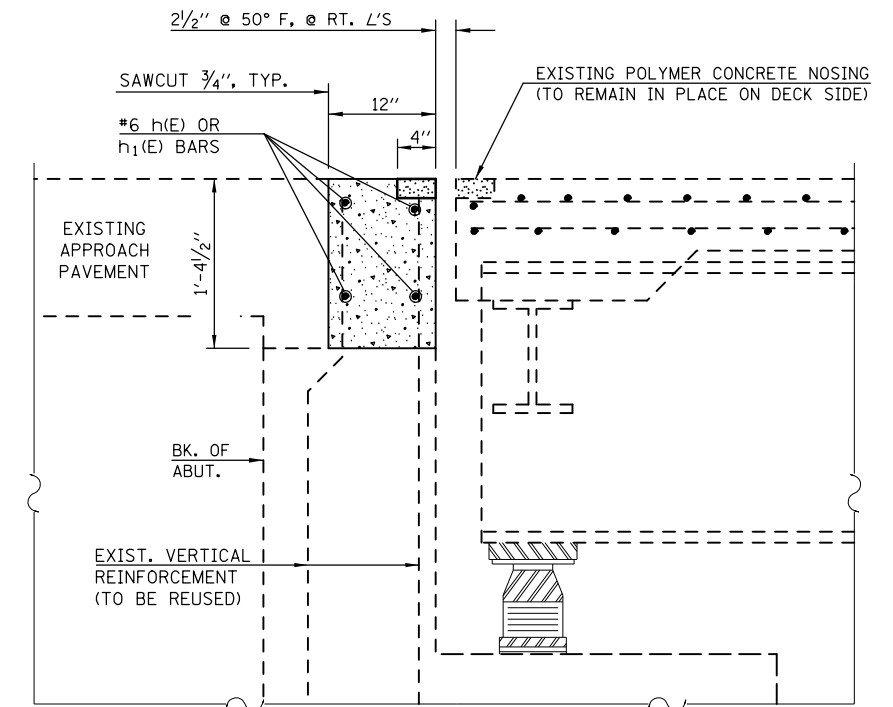
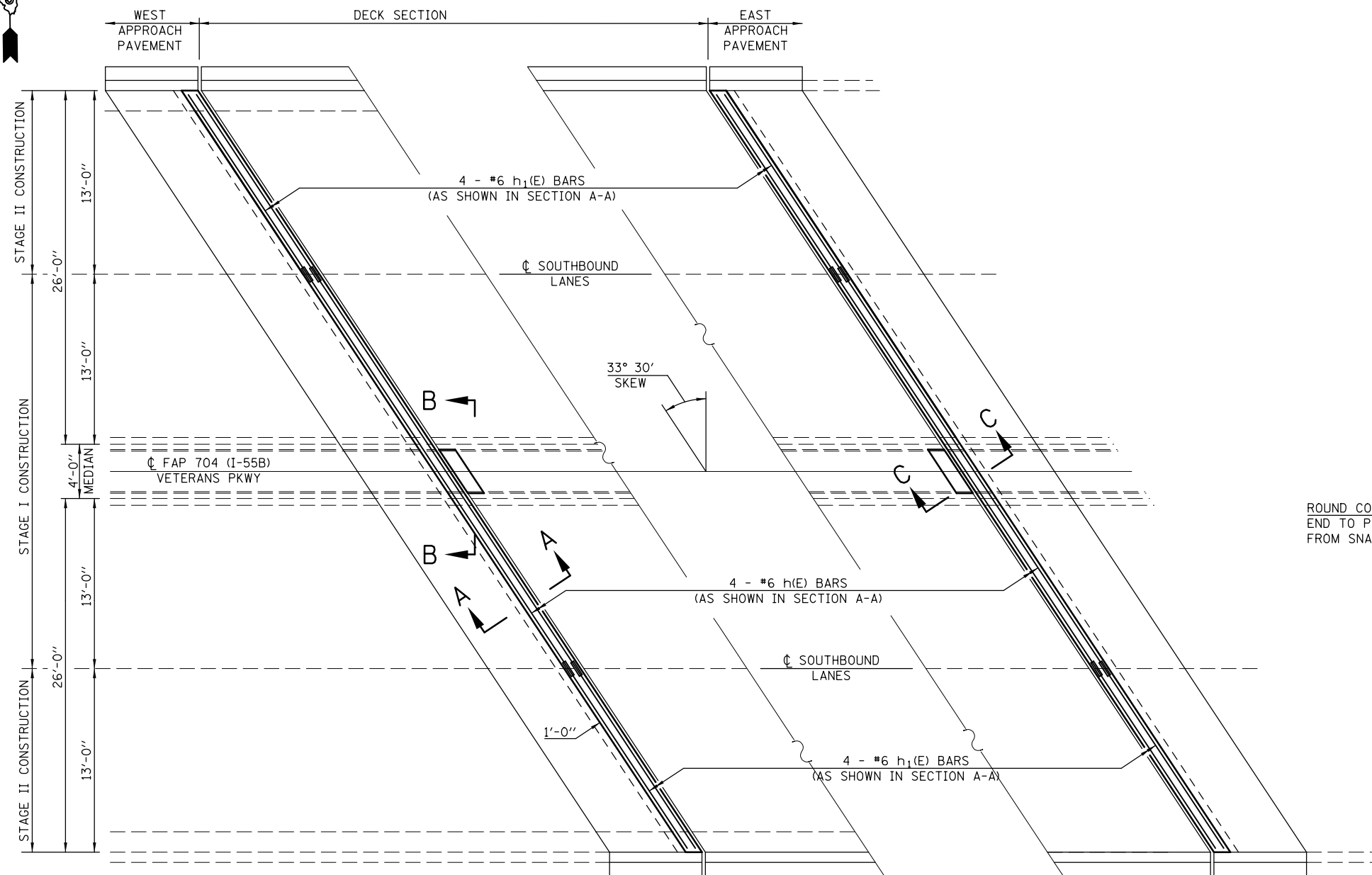
CONCRETE REMOVAL PLAN
S.N. 057-0064

SCALE: SHEET NO. 2 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)I	McLean	180	89
CONTRACT NO. 70B25				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

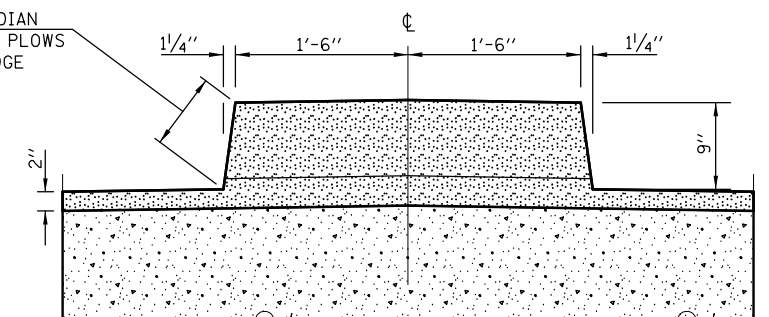
SUPERSTRUCTURE REPAIR PLAN

S.N. 057-0064

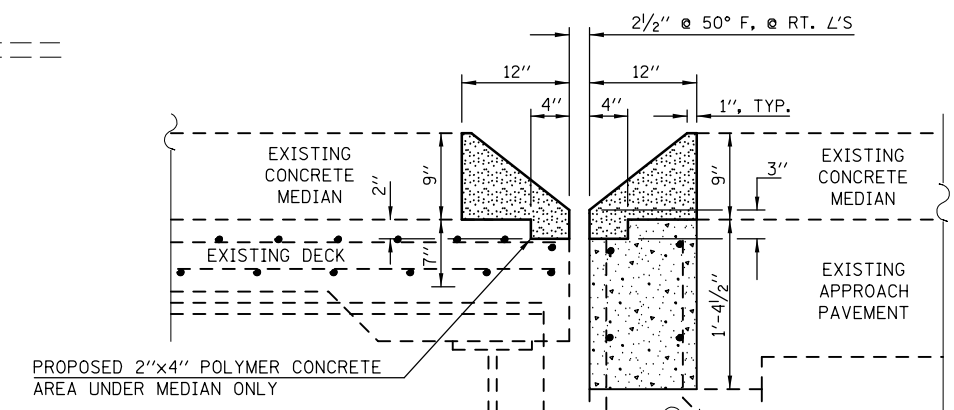


SECTION A-A

ROUND CORNERS AT MEDIAN
END TO PREVENT SNOW PLOWS
FROM SNAGGING THE EDGE



SECTION B-B



SECTION C-C

NOTES

EXISTING REINFORCEMENT BARS EXTENDING INTO THE REMOVAL AREA SHALL BE CLEANED, STRAIGHTENED AND INCORPORATED INTO THE NEW CONSTRUCTION. ANY REINFORCEMENT BARS THAT ARE DAMAGED DURING CONCRETE REMOVAL SHALL BE REPLACED WITH AN APPROVED BAR SPLICER OR ANCHORAGE SYSTEM. COST INCLUDED WITH CONCRETE REMOVAL.

REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.

EXCLUDING POLYMER CONCRETE, PROTECTIVE COAT SHALL BE APPLIED TO ALL NEW CONCRETE SURFACES PER ARTICLE 503.19 OF THE STD. SPECS.

LEGEND

- POLYMER CONCRETE
- CONCRETE SUPERSTRUCTURES

BILL OF MATERIAL

BAR	NO.	SIZE	LENGTH	SHAPE
h(E)	8	#6	36'-0"	—
h1(E)	16	#6	15'-5"	—
CONCRETE SUPERSTRUCTURE			CU YD	6.6
POLYMER CONCRETE			CU FT	14.2
REINFORCEMENT BARS (EPOXY COATED)			POUND	800.0
BAR SPLICERS			EACH	16
PROTECTIVE COAT			SQ YD	21.5

FILE NAME =	USER NAME = dodgems	DESIGNED - GMS	REVISED -
et:\pw\work\p\dot\dodgems\d0421881\0570064\25-shr-Hyd.dgn		DRAWN - GMS	REVISED -
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PLOT DATE = 1/26/2015		DATE - 10-29-12	REVISED -

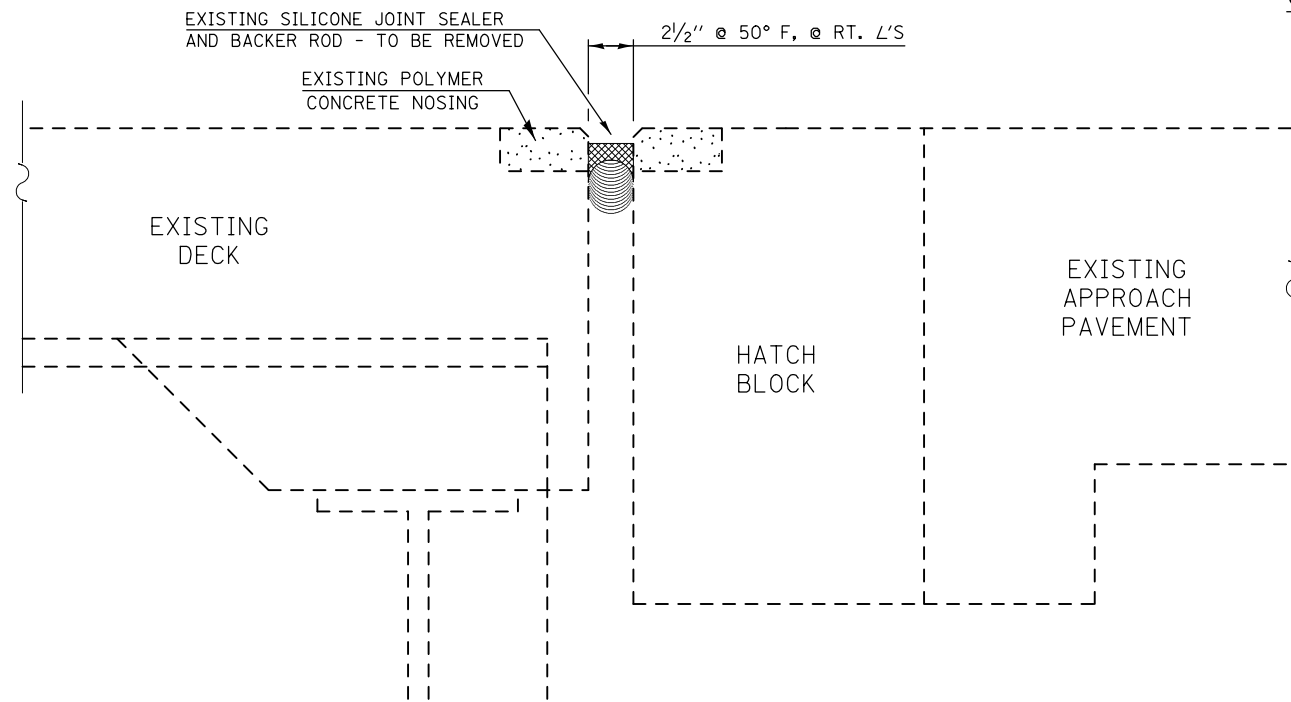
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUPERSTRUCTURE REPAIR PLAN
S.N. 057-0064**

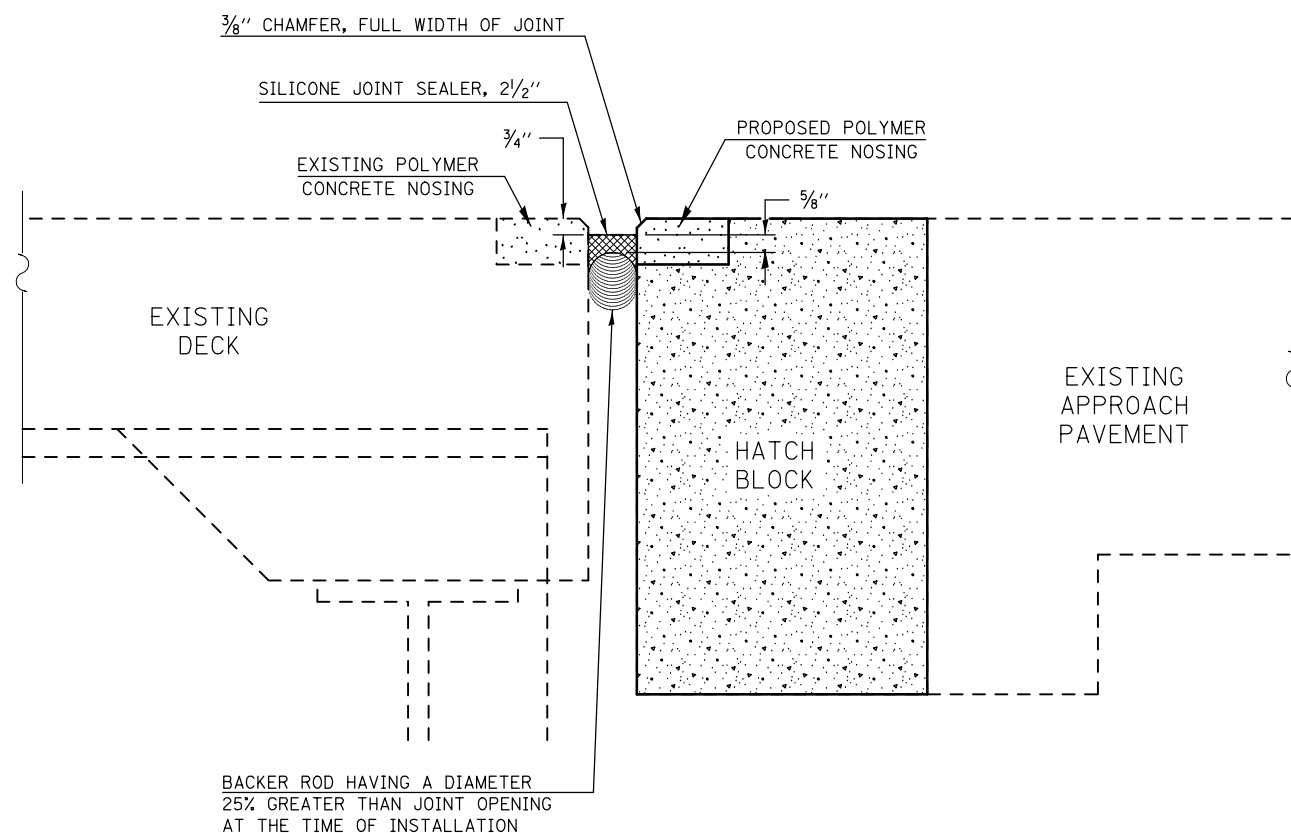
SCALE: SHEET NO. 3 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)I	McLean	180	90
CONTRACT NO. 70B25				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

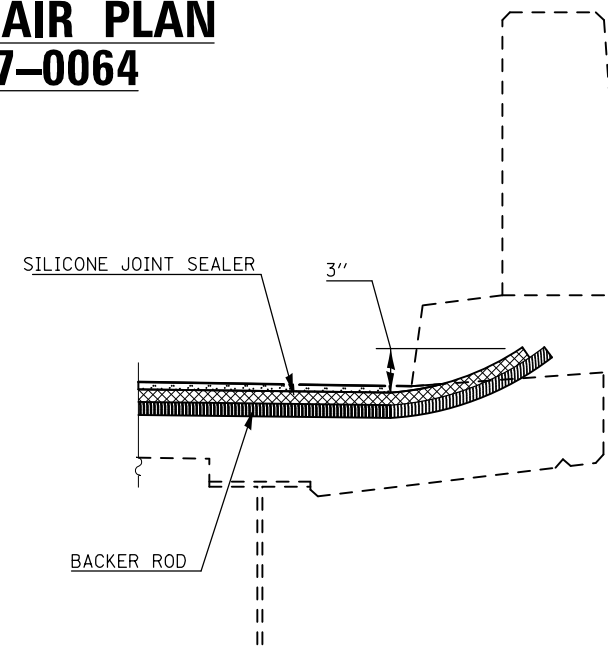
JOINT REPAIR PLAN S.N. 057-0064



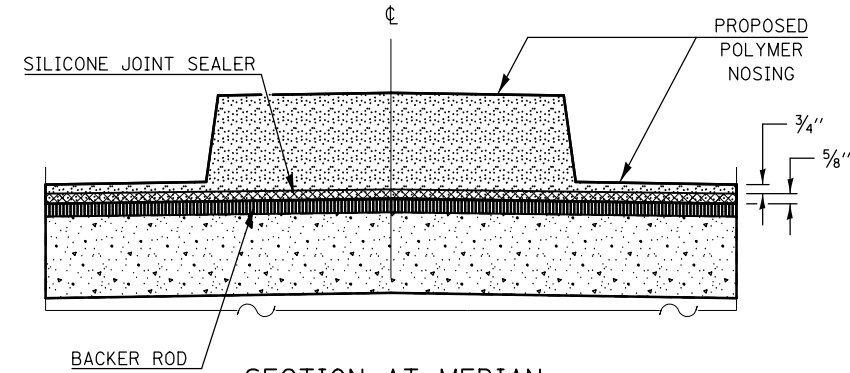
SECTION AT EXISTING JOINT



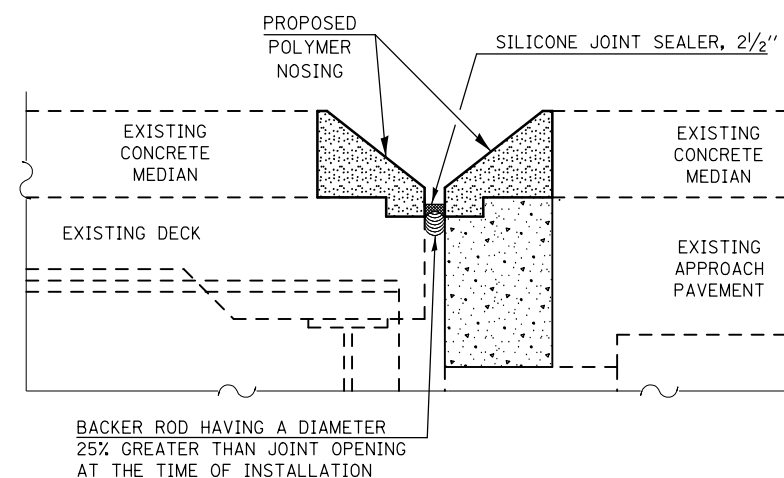
SECTION AT PROPOSED JOINT



SECTION AT PARAPET



SECTION AT MEDIAN



PROFILE OF PROPOSED JOINT THRU MEDIAN

BILL OF MATERIALS

ITEM	UNIT	TOTAL
SILICONE JOINT SEALER, 2 1/2"	FOOT	139.0

NOTES

THE EXISTING SILICONE JOINT SEALER AND POLYMER CONCRETE NOSING ON THE APPROACH SIDE OF THE EXPANSION JOINTS ARE TO BE REMOVED AS DETAILED ON PREVIOUS SHEETS. COST INCLUDED IN CONCRETE REMOVAL.

SEE SHEETS 2-3 OF 5 FOR CONCRETE REMOVAL, CONCRETE SUPERSTRUCTURES & POLYMER CONCRETE DETAILS AND QUANTITIES.

FILE NAME =	USER NAME = dodgms	DESIGNED - GMS	REVISED -
et:\pw\work\p\dot\dodgms\d0421881\0570064\25-shd-Hyd.dgn		DRAWN - GMS	REVISED -
	PLOT SCALE = 48.0001' / in.	CHECKED - BJM	REVISED -
	PLOT DATE = 1/26/2015	DATE - 10-29-12	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**JOINT REPAIR PLAN
S.N. 057-0064**

SCALE: SHEET NO. 4 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)I	McLean	180	91
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70B25	

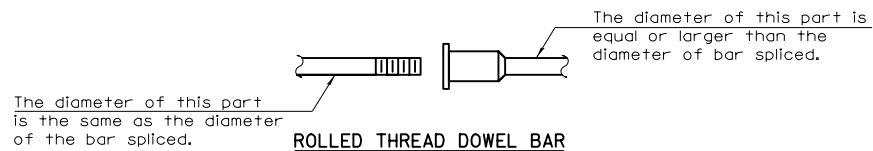
NOTES:

Bar splicer assemblies shall be of an approved type and shall develop in tension at least 125 percent of the yield strength of the lapped reinforcement bars. Splicer rods shall be of minimum 60 ksi yield strength, threaded or coiled full length. All reinforcement bars shall be lapped and tied to the splicer rods or dowel bars. Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. Other systems of similar design may be submitted to the Engineer for approval. Approval shall be based on certified test results from an approved testing laboratory that the proposed bar splicer assembly satisfies the following requirements:

- ① Minimum Capacity (Tension in kips) = $1.25 \times f_y \times A_t$
- ② Minimum Pull-out Strength (Tension in kips) = $0.66 \times f_y \times A_t$

Where f_y = Yield strength of lapped reinforcement bars in ksi.
 A_t = Tensile stress area of lapped reinforcement bars.
 * = 28 day concrete

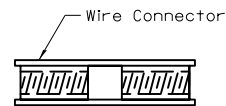
BAR SPLICER ASSEMBLIES			
Bar Size to be Spliced	Splicer Rod or Dowel Bar Length	Strength Requirements	
		Min. Capacity kips - tension	Min. Pull-Out Strength kips - tension
#4	1'-8"	14.7	7.9
#5	2'-2"	23.0	12.3
#6	2'-7"	33.1	17.4
#7	3'-5"	45.1	23.8
#8	4'-6"	58.9	31.3
#9	5'-9"	75.0	39.6
#10	7'-3"	95.0	50.3
#11	9'-0"	117.4	61.8



ROLLED THREAD DOWEL BAR



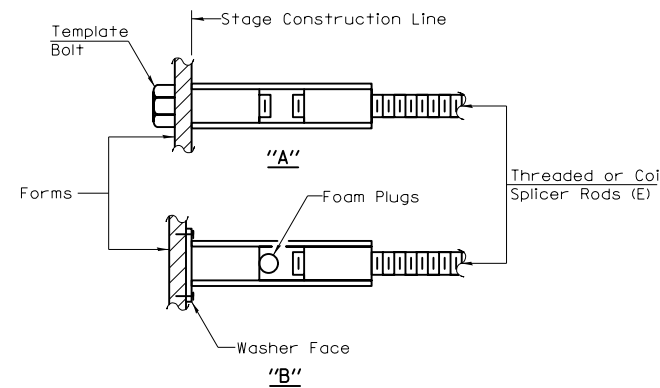
ONE PIECE



WELDED SECTIONS

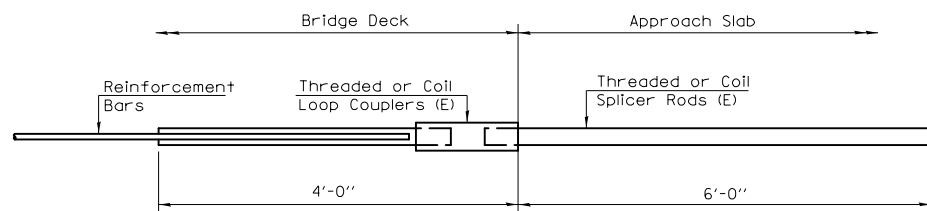
BAR SPLICER ASSEMBLY ALTERNATIVES

••Heavy Hex Nuts conforming to ASTM A 563, Grade C, D or DH may be used.

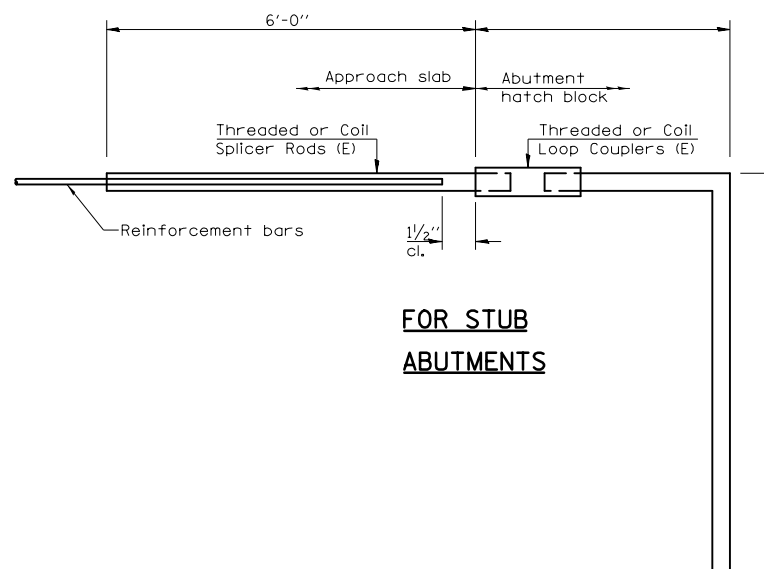


INSTALLATION AND SETTING METHODS

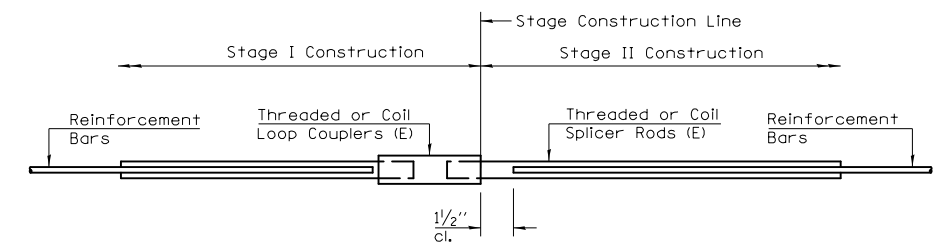
"A" : Set bar splicer assembly by means of a template bolt.
 "B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.
 (E) : Indicates epoxy coating.



FOR INTEGRAL OR SEMI-INTEGRAL ABUTMENTS



FOR STUB ABUTMENTS



STANDARD

Bar Splicer for #5 bar
Min. Capacity = 23.0 kips - tension
Min. Pull-out Strength = 12.3 kips - tension
No. Required = N.A.

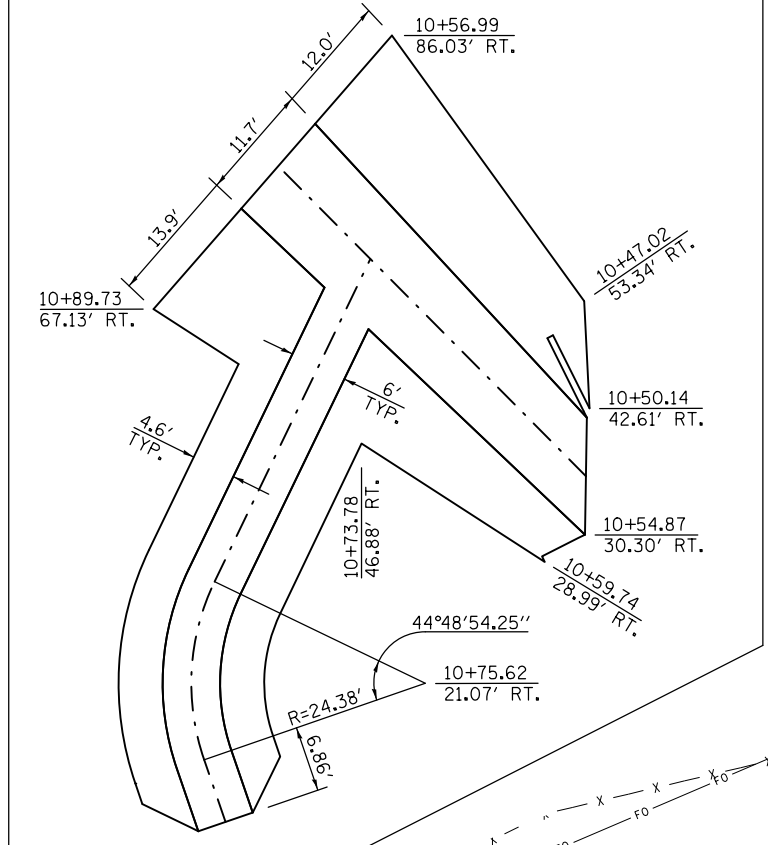
Bar Splicer for #5 bar
Min. Capacity = 23.0 kips - tension
Min. Pull-out Strength = 12.3 kips - tension
No. Required = N.A.

Bar Size	No. Assemblies Required	Location
#6	16	HATCH BLOCKS

**BAR SPLICER ASSEMBLY DETAILS
 STRUCTURE NO. 057-0064**

BSD-1 10-1-08

LAYOUT KEY FOR REPAIR AREA

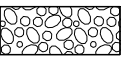


B.M. 4920-8:
A CHISELED SQUARE IN THE CENTER OF THE TOP OF THE NORTH HEADWALL OF S.N. 057-8204, RAMP STATION 11+00.00, 13.59' RT., ELEVATION 808.85.

LIST OF QUANTITIES

ITEM	UNIT	TOTAL
TREE REMOVAL (OVER 15 UNITS Ø)	UNIT	25.0
STONE RIPRAP, CLASS A4	SQ YD	235.0
FILTER FABRIC	SQ YD	235.0

LEGEND

 STONE RIPRAP, CLASS A4 (16" + 6" OF BEDDING STONE AND FILTER FABRIC)

NOTES

SEE NEXT SHEET FOR PROPOSED RIPRAP STREAM CROSS SECTIONS.

PROPOSED STREAMBED S.N. 057-8199 DOWNSTREAM NW RAMP STA. 10+72.61 77.02' RT., ELEV. 802.94'

PROPOSED STREAMBED S.N. 057-8204 DOWNSTREAM NW RAMP STA. 10+70.62 60.82' RT., ELEV. 803.15'

PROPOSED STREAMBED S.N. 057-8204 DOWNSTREAM NW RAMP STA. 11+00.00 14.17' RT., ELEV. 803.76'

PROPOSED STREAMBED S.N. 057-8199 DOWNSTREAM NW RAMP STA. 10+52.78 36.04' RT., ELEV. 803.66'

EXISTING S.N. 057-8199 FAP 730 (US-51) STA. 263+12 R.C. BOX CULVERT 1 @ 10'x3'6"x147'-0", SKEW: 35°

EXISTING S.N. 057-8204 NW RAMP STA. 11+00 R.C. BOX CULVERT 1 @ 6'x4'x41'-4", SKEW: 0°

EXISTING S.N. 057-0063 FAP 704 STATION 48+08.50 3 SPAN STEEL WF BRIDGE 167'-1" BK TO BK ABUT. 59'-6" OUT TO OUT WIDTH 0° SKEW

EXISTING S.N. 057-8203 FAP 704 STA. 45+13.3 R.C. BOX CULVERT 1 @ 6'x4'x261'-8", SKEW: 45°

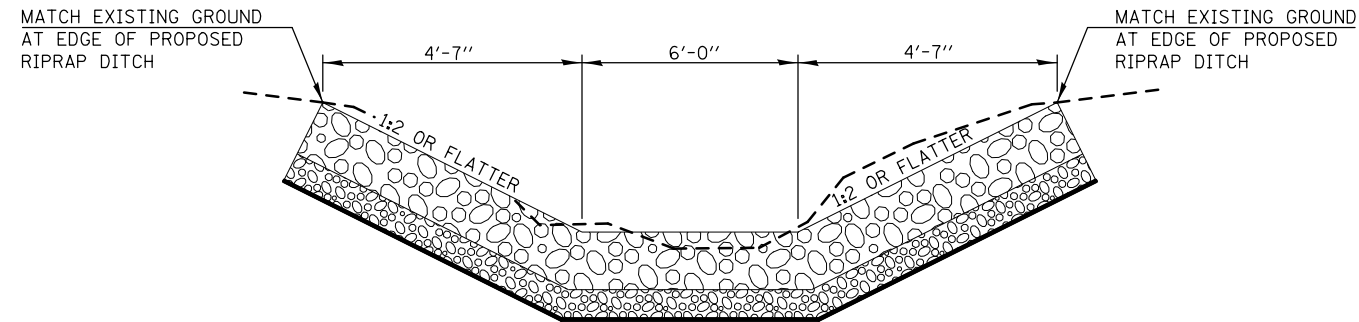
FAP 704 (I-55 BUSINESS) VETERANS PARKWAY

FAP 730 (US-51) MAIN STREET

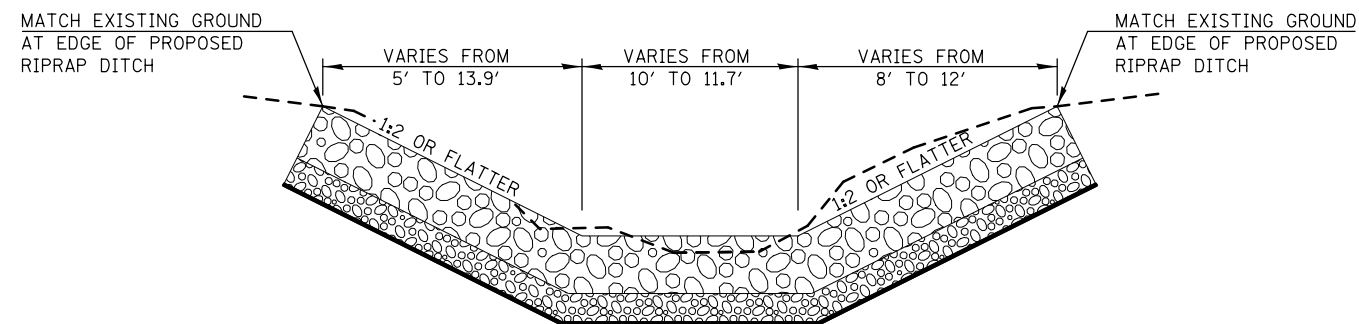


FILE NAME =	USER NAME = dodgems	DESIGNED - GMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCOUR MITIGATION PLAN S.N. 057-8199 & 057-8204	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	Plot Scale = 48.0000' / in.	CHECKED - BJM	REVISED -			704	(57-7)I	McLean	180	93	
	PLOT DATE = 1/26/2015	DATE - 10-29-12	REVISED -			CONTRACT NO. 70B25					
						ILLINOIS FED. AID PROJECT					

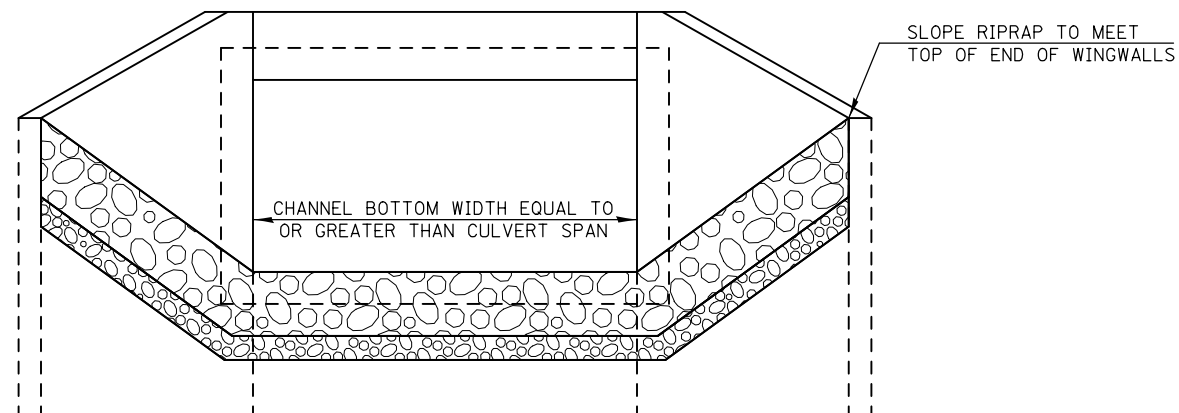
TYPICAL CROSS SECTION OF PROPOSED RIPRAP DITCH LOOKING DOWNSTREAM FROM S.N. 057-8204



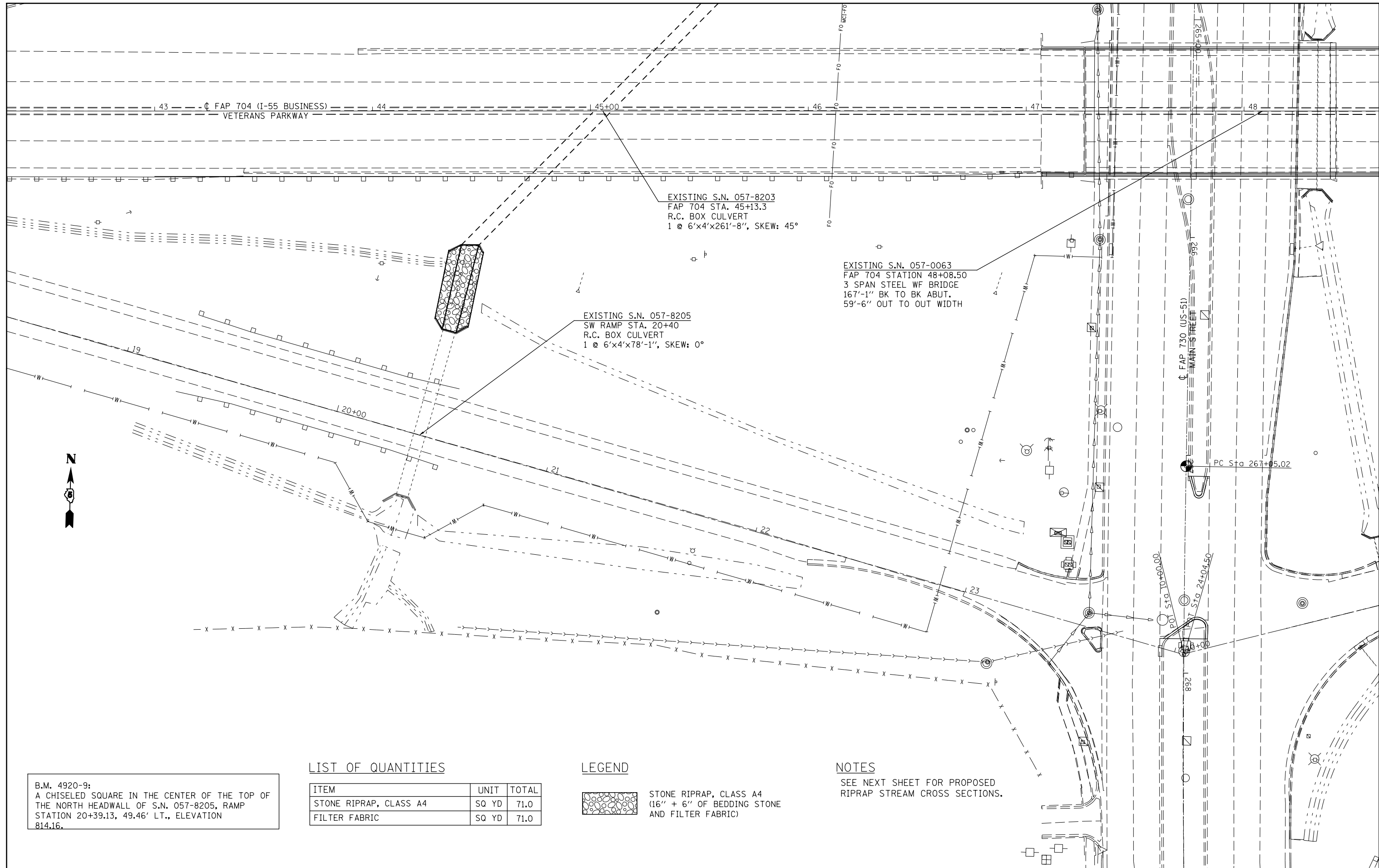
TYPICAL CROSS SECTION OF PROPOSED RIPRAP DITCH LOOKING DOWNSTREAM FROM S.N. 057-8199



TYPICAL APPLICATION OF RIPRAP CULVERT END SECTION



FILE NAME =	USER NAME = dodgems	DESIGNED - GMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RIPRAP DETAILS S.N. 057-8199 & 057-8204			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - GMS	REVISED -		SCALE:	SHEET NO. - OF - SHEETS	STA.	TO STA.	704	(57-7)I	McLean	180	94
		PLOT SCALE = 40.0000' / in.	CHECKED - BJM		REVISED -				CONTRACT NO. 70B25				
		PLOT DATE = 1/26/2015	DATE - 10-29-12		REVISED -				ILLINOIS FED. AID PROJECT				

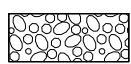


B.M. 4920-9:
 A CHISELED SQUARE IN THE CENTER OF THE TOP OF
 THE NORTH HEADWALL OF S.N. 057-8205, RAMP
 STATION 20+39.13, 49.46' LT., ELEVATION
 814.16.

LIST OF QUANTITIES

ITEM	UNIT	TOTAL
STONE RIPRAP, CLASS A4	SQ YD	71.0
FILTER FABRIC	SQ YD	71.0

LEGEND

 STONE RIPRAP, CLASS A4
 (16" + 6" OF BEDDING STONE
 AND FILTER FABRIC)

NOTES

SEE NEXT SHEET FOR PROPOSED
 RIPRAP STREAM CROSS SECTIONS.

FILE NAME =	USER NAME = dodgems	DESIGNED - GMS	REVISED -
Default	et:\pw\work\p\dot\dodgems\d0421881\0570825-sht-Hyd.dgn	DRAWN - GMS	REVISED -
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	PLOT DATE = 1/26/2015	DATE - 10-29-12	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

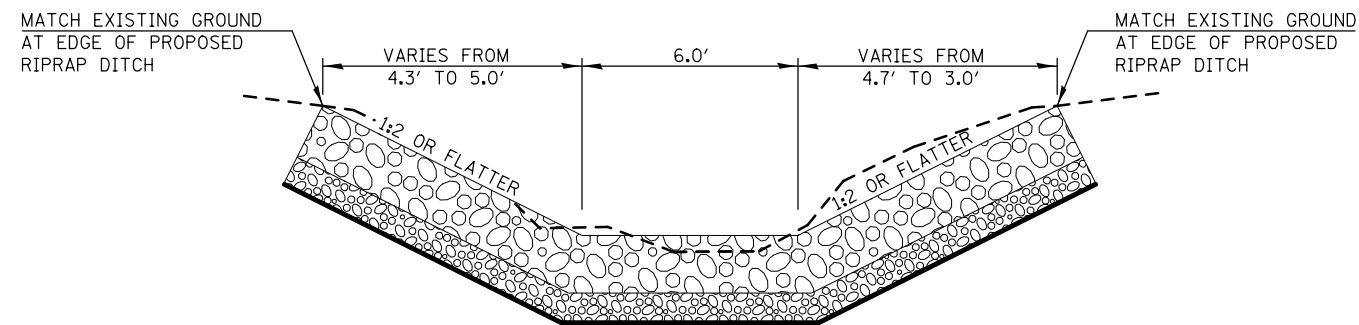
**SCOUR MITIGATION PLAN
 S.N. 057-8203 & 057-8205**

SCALE: SHEET OF SHEETS STA. TO STA.

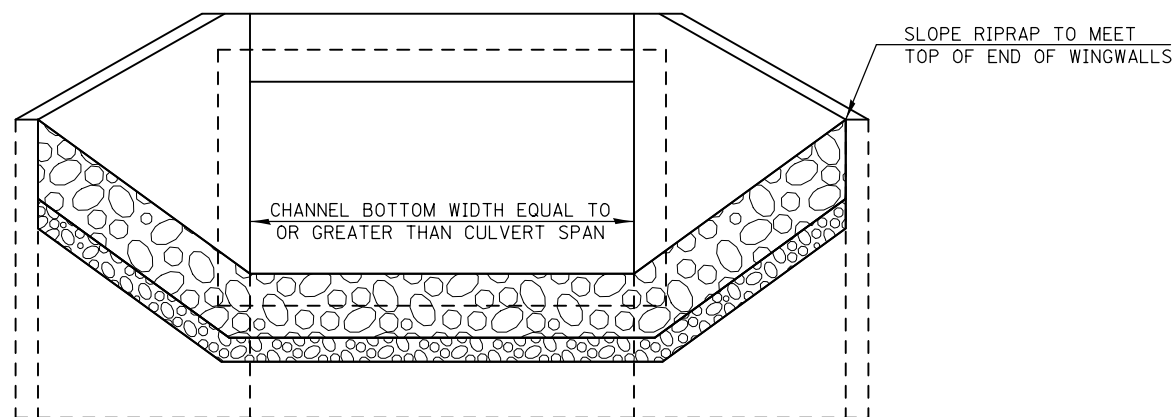
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)I	McLean	180	95
CONTRACT NO. 70B25				

ILLINOIS FED. AID PROJECT

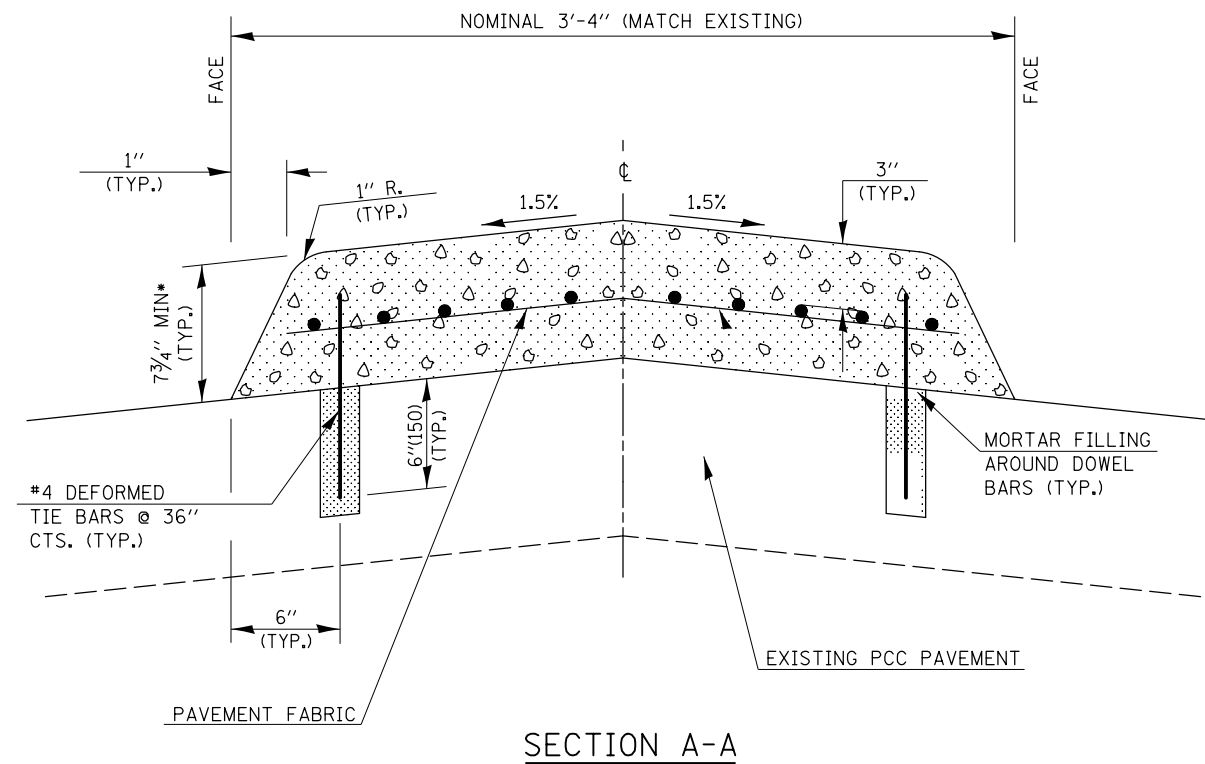
TYPICAL CROSS SECTION OF PROPOSED RIPRAP DITCH BETWEEN S.N. 057-8203 & 057-8205 (LOOKING DOWNSTREAM)



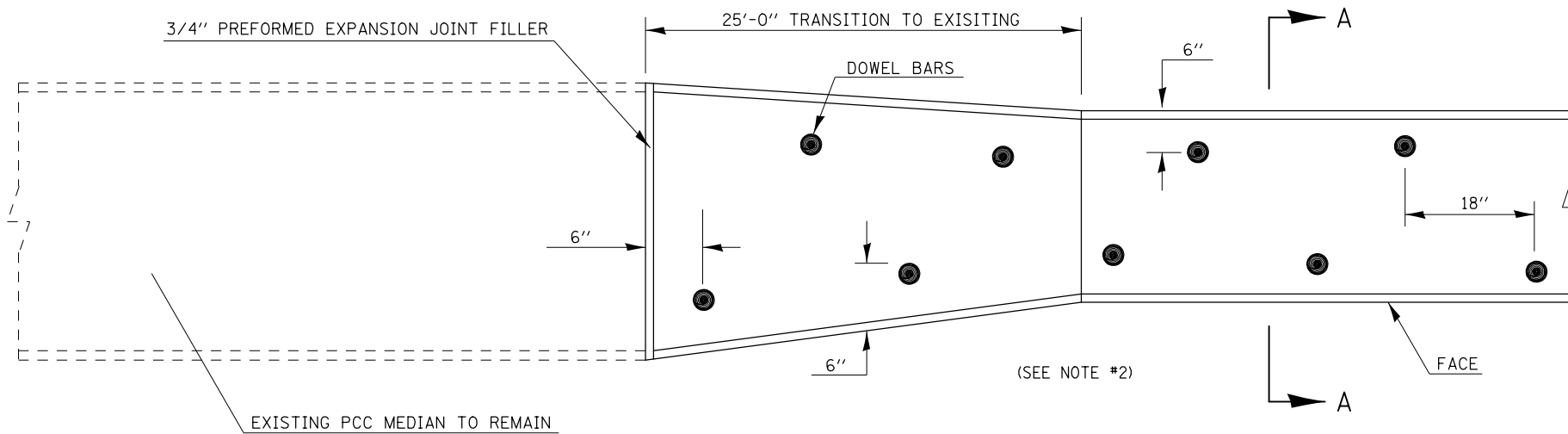
TYPICAL APPLICATION OF RIPRAP CULVERT END SECTION



FILE NAME =	USER NAME = dodgems	DESIGNED - GMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RIPRAP DETAILS S.N. 057-8203 & 057-8205			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - GMS	REVISED -		SCALE:	SHEET NO. - OF - SHEETS	STA.	TO STA.	704	(57-7)I	McLean	180	96
		PLOT SCALE = 40.0000' / in.	CHECKED - BJM		REVISED -				CONTRACT NO. 70B25				
		PLOT DATE = 1/26/2015	DATE - 10-29-12		REVISED -				ILLINOIS FED. AID PROJECT				



SECTION A-A



PLAN OF MEDIAN

GENERAL NOTES

1. THE GENERAL NOTES FOR STANDARD 606301 SHALL APPLY.
2. 12" DOWEL BARS @ 36" CTS. OR AS DIRECTED BY THE ENGINEER.
3. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQ FOOT FOR CONCRETE MEDIAN, TYPE SM (DOWELLED), INCLUDING THE COST OF FURNISHING AND INSTALLING THE DOWEL BARS, MORTAR FILLING, PAVEMENT FABRIC, AND PREFORMED EXPANSION JOINT FILLER, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
4. PLACE PREFORMED EXPANSION JOINT FILLER IN ACCORDANCE WITH STANDARD 420001 @ MAXIMUM 50' CENTERS.
5. THE INTENT OF THIS WORK IS TO REPLACE THE PCC MEDIAN AT ITS EXISTING WIDTH AND LOCATION. DIMENSIONS SHOWN ARE NOMINAL AND CONSTITUTE THE BEST INFORMATION AVAILABLE TO THE DEPARTMENT AT THE TIME OF LETTING.

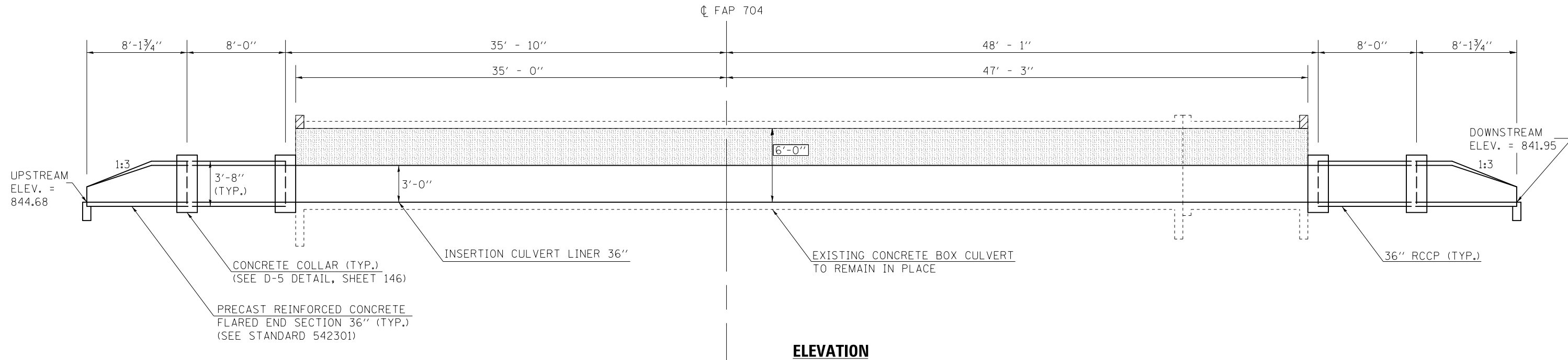
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

* SEE PCC MEDIAN GRADE SHEETS FOR ELEVATION

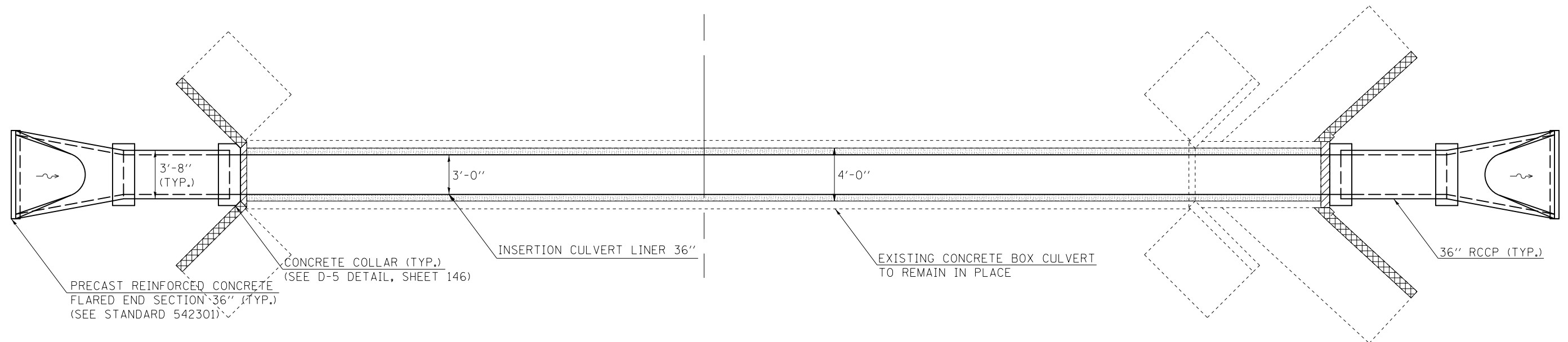
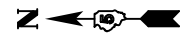
FILE NAME =	USER NAME = dodgems	DESIGNED - BJM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CONCRETE MEDIAN, TYPE SM (DOWELLED)		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pw\work\p\dot\dodgems\d0421881\0570025-sht-details.dgn	PLOT SCALE = 40.0000' / in.	DRAWN - BJH	REVISED -				704	(57-7)I	McLean	180	97	
MODELNAME	PLOT DATE = 1/26/2015	CHECKED - BJH	REVISED -		SCALE:			SHEET 1	OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 70B25
		DATE - 11/5/2012	REVISED -		ILLINOIS FED. AID PROJECT							

EXISTING STRUCTURE: 4' x 6' CIP CONCRETE BOX CULVERT

BENCHMARK ELEV. = 844.062 Chiseled square on top of concrete retaining wall at The Great Escape at Sta. 61+68.87, 88.92' LT.



ELEVATION



PLAN

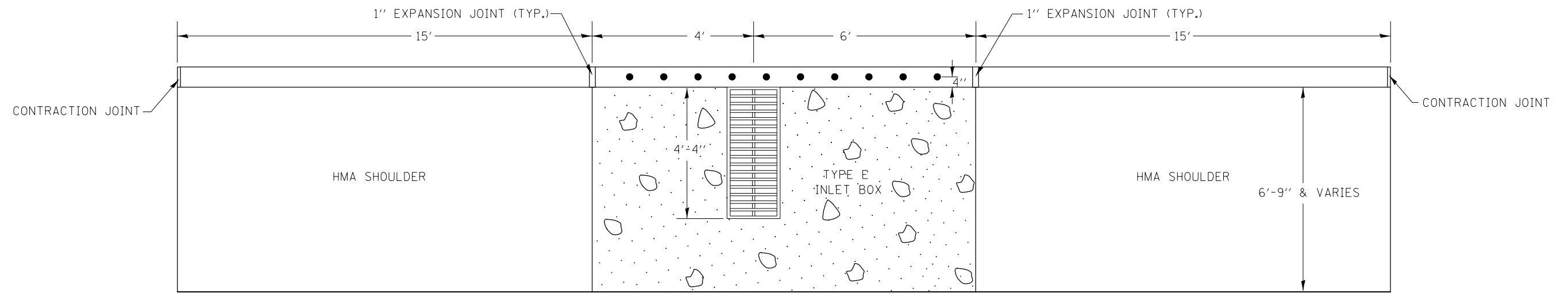
- ANNULAR SPACE TO BE FILLED WITH GROUT I.A.W. ART. 543 OF THE STANDARD SPECIFICATIONS
- CONCRETE REMOVAL (HEADWALL 13")
- CONCRETE REMOVAL (TOP 12" OF WINGWALL)

General Notes

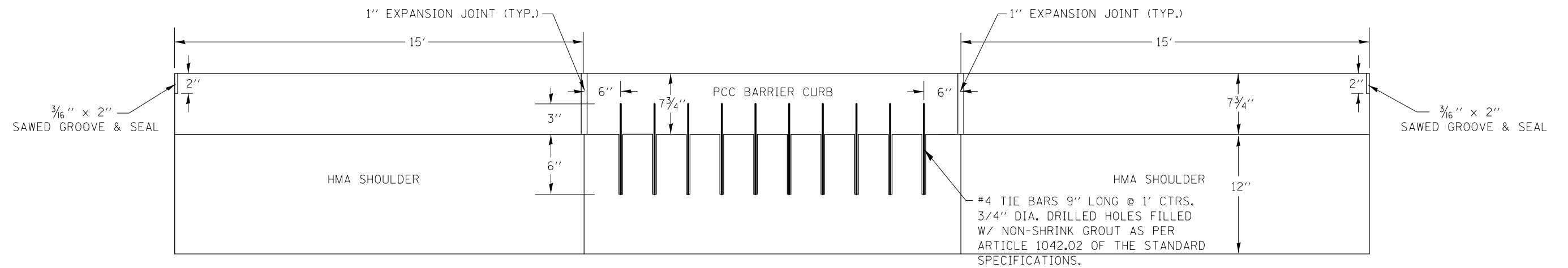
All dimensions are in FEET (') - INCHES (") unless otherwise noted.

Drawings not to scale.

FILE NAME =	USER NAME = dodgms	DESIGNED - BJM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INSERTION CULVERT LINER DETAIL STA. 63 + 94.35	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\pw\work\p\dot\dodgms\d0421881\0570025-sht-details.dgn	PLOT SCALE = 40.0000' / in.	DRAWN - BJH	REVISED -			704	(57-7)I	McLean	180	98	
MODELNAME	PLOT DATE = 1/26/2015	CHECKED - BJH	REVISED -			CONTRACT NO. 70B25					
		DATE - 11/5/2012	REVISED -			SCALE:	SHEET 1 OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	



PLAN



ELEVATION

FILE NAME =	USER NAME = dodgms	DESIGNED - BJM	REVISED -
ct:\pw\work\p\dot\dodgms\d0421881\0570025-sht-details.dgn		DRAWN - BJH	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED - BJH	REVISED -
MODELNAME	PLOT DATE = 1/26/2015	DATE - 11/5/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAIL OF BARRIER CURB
ON EXISTING TYPE E INLET BOX

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)I	McLean	180	99
CONTRACT NO. 70B25				
ILLINOIS FED. AID PROJECT				

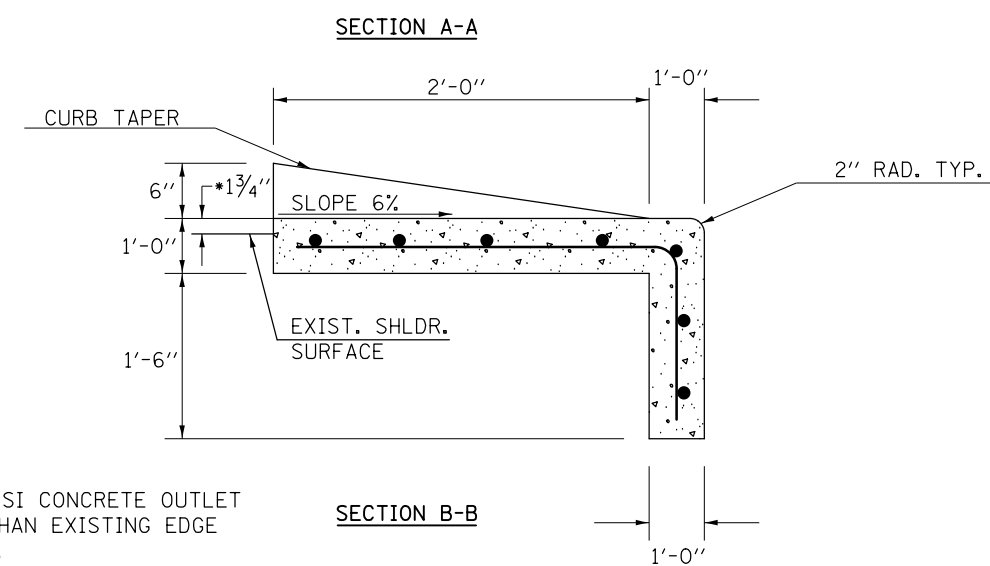
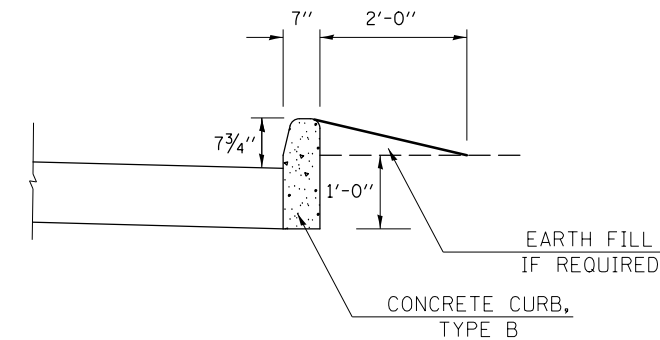
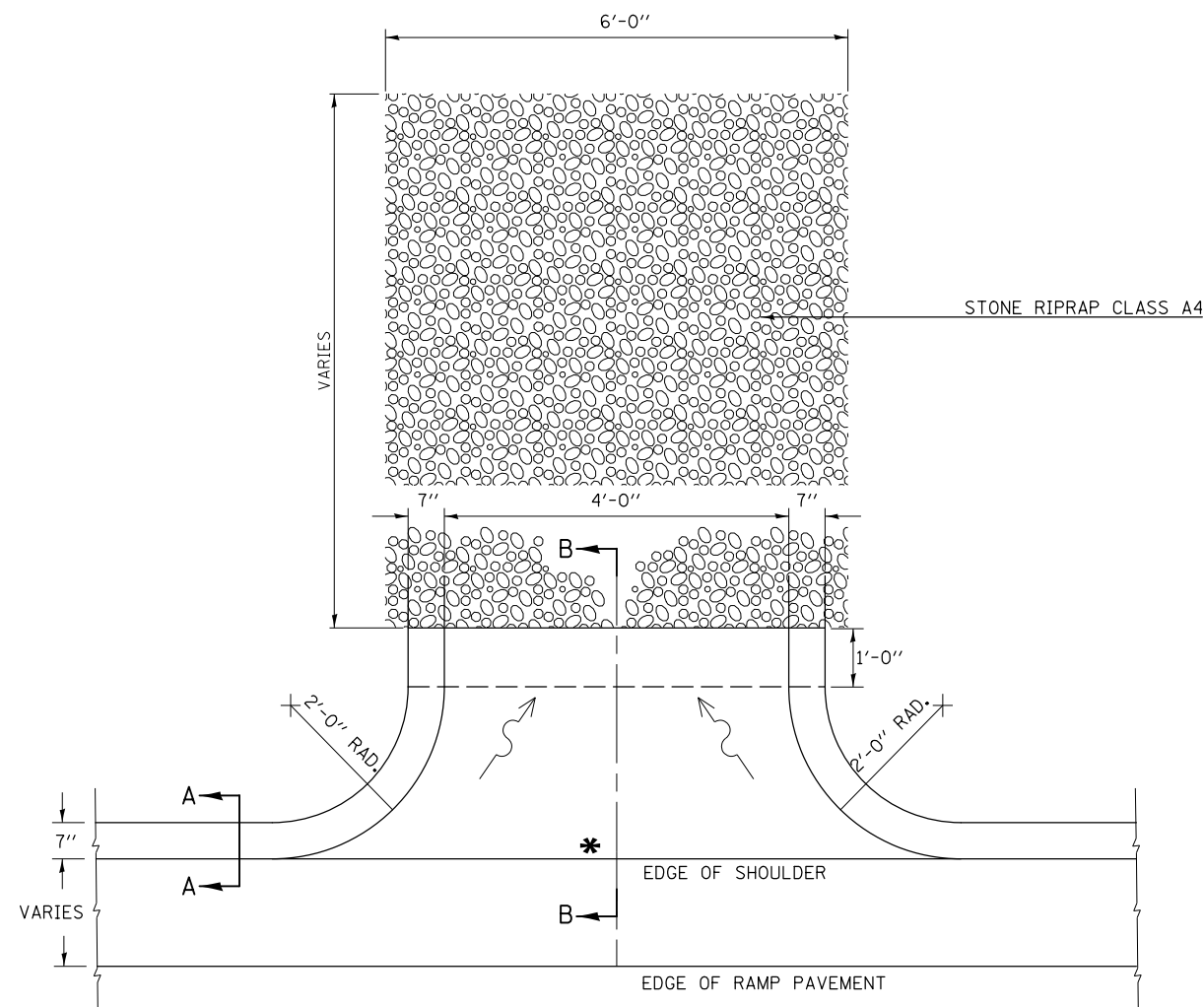
CONCRETE CURB, TYPE B AND CLASS SI CONCRETE OUTLET

GENERAL NOTES

1. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
2. WELDED WIRE FABRIC WEIGHING NOT LESS THAN 58 LBS./ 100 SQ. FT. SHALL BE USED THROUGHOUT.
3. TIE BARS SHALL BE PLACED AND TIED TO THE SHOULDER IN ACCORDANCE WITH DETAILS FOR LONGITUDINAL CONSTRUCTION JOINT SHOWN ON STD. 420001.
4. NO TIE BARS ARE REQUIRED WHEN NEXT TO FULL-DEPTH FLEXIBLE SHOULDER.
5. TIE BARS WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED TO BE INCLUDED IN THE COST OF THE PAY ITEM "CLASS SI CONCRETE (OUTLET)".
6. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR CLASS SI CONCRETE (OUTLET).

DETAIL LOCATIONS:

NE RAMP STA 11+75 RT.
NE RAMP STA 13+75 RT.
NE RAMP STA 15+65 RT.



*FINISH GRADE OF CLASS SI CONCRETE OUTLET SHALL BE 1 3/4" HIGHER THAN EXISTING EDGE OF SHOULDER ELEVATION.

FILE NAME =	USER NAME = dodgems	DESIGNED - BJM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CONCRETE CURB, TYPE B AND CLASS SI CONCRETE OUTLET	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pw\work\p\dot\dodgems\d0421881\0570025-sht-details.dgn	DRAWN - BJH	REVIS	REVIS			704	(57-7)I	McLean	180	100	
MODELNAME	PLOT SCALE = 40.0000' / in.	CHECKED - BJH	REVIS			CONTRACT NO. 70B25					
	PLOT DATE = 1/26/2015	DATE - 11/5/2012	REVIS			ILLINOIS FED. AID PROJECT					