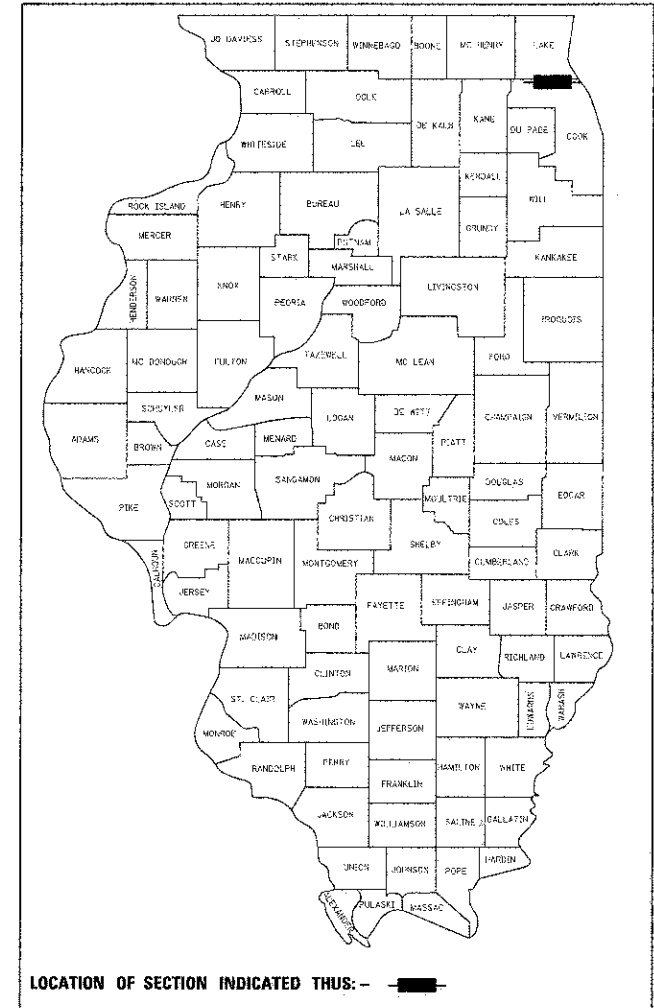


INDEX OF SHEETS

- 1 TITLE SHEET
- 2 GENERAL NOTES
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- 7 ALIGNMENT AND TIES
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- 20-21 RETAINING WALL PLANS
- 22 DISTRICT ONE TYPICAL PAVEMENT MARKINGS
- 23 DISTRICT ONE TC&P FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
- 24 DISTRICT ONE ARTERIAL ROAD INFORMATION SIGN
- 25-28 COMPENSATORY STORAGE CALCULATIONS
- 29-39 CROSS SECTIONS

PROPOSED FEDERAL AID HIGHWAY

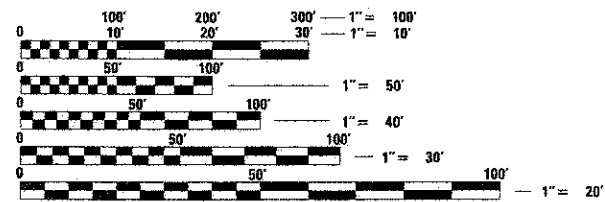
FAP 343 IL ROUTE 68 (DUNDEE ROAD)
DES PLAINES RIVER BRIDGE TO I-294 TOLLWAY BRIDGE
SECTION 10-00072-00-BT
PROJECT TE-00D1 (854)
PEDESTRIAN PATH CONSTRUCTION
VILLAGE OF WHEELING
COOK COUNTY
C-91-400-11 R11E 3RD P.M.



DESIGN DESIGNATION

DUNDEE ROAD
FUNCTIONAL CLASSIFICATION: OTHER PRINCIPAL ARTERIAL
POSTED SPEED = 50 MPH EAST OF PORTWINE ROAD
40 MPH WEST OF PORTWINE ROAD
EXISTING ADT = 31,300 (2009)

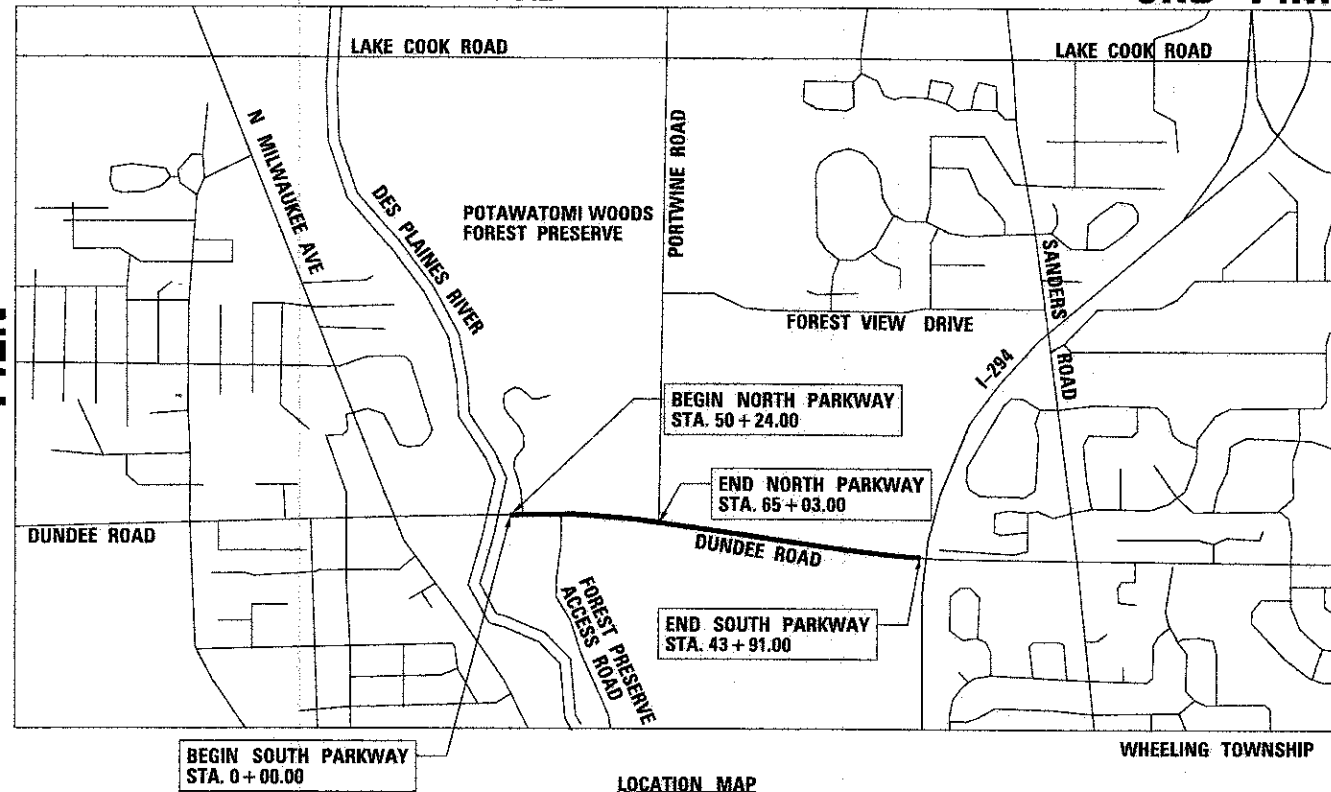
PROJECT LOCATED IN THE VILLAGE OF WHEELING



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

CONTRACT NO. 63805



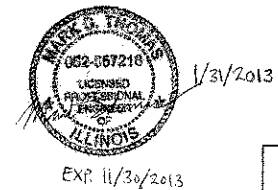
GROSS LENGTH = 4,391 FT. = 0.83 MILE
NET LENGTH = 4,391 FT. = 0.83 MILE

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

APPROVED 1/31 2012
John M. Koch
VILLAGE OF WHEELING

PASSED FEBRUARY 25 2012
C. Holt
DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW February 27 2012
John Fortson
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER



PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

PROGRAM AND OFFICE ENGINEER: CHARLES F. RIDDLE, P.E. (847) 705-4405, SCHAUMBURG, IL



GENERAL NOTES

1. ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS AND SPECIAL PROVISIONS SHALL BE INTERPRETED TO BE THE LATEST STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
2. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION IS REQUIRED). THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, THE VILLAGE OF WHEELING, AND THE ILLINOIS DEPARTMENT OF TRANSPORTATION.
3. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS AND PORTLAND CEMENT CONCRETE.
4. FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SANDBAGS PER BARRICADE.
5. THE BITUMINOUS MATERIALS (PRIME COAT) QUANTITY HAS BEEN DETERMINED USING A RATE OF 0.44 GAL/YD
6. THE CONTRACTOR SHALL USE ALL NECESSARY PRECAUTIONS AND PROTECTIVE MEASURES REQUIRED TO MAINTAIN EXISTING UTILITIES, SEWERS AND APPURTENANCES THAT MUST BE KEPT IN OPERATION. THE COST OF PROTECTION OF THE UTILITIES SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
7. RETAINING WALL WILL BE BUILT BETWEEN STATIONS 1+75 AND 5+50 ON THE SOUTH PARKWAY OF DUNDEE ROAD. CONTRACTOR MUST VERIFY ANY BURIED UTILITIES THAT MAY BE DAMAGED DUE TO RETAINING WALL. NOTE THAT MCI COMMUNICATIONS SERVICES, INC. (PART OF VERIZON BUSINESS) HAS FACILITIES UNDER NORTH SIDE OF DUNDEE ROAD PARKWAY AND SHALL RELOCATE ITS FACILITIES BEFORE PEDESTRIAN PATH IS CONSTRUCTED IF NECESSARY. IF THERE ARE ANY OTHER CONFLICTS BETWEEN EXISTING BURIED UTILITIES AND PROPOSED RETAINING WALL, CONTRACTOR MUST INFORM ENGINEER FOR ANY POTENTIAL UTILITY CONFLICTS BEFORE INSTALLING THE PROPOSED RETAINING WALL.
8. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS PRIOR TO BIDDING ON THIS PROJECT. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR FAILURE TO VERIFY EXISTING DIMENSIONS OR CONDITIONS.
9. ALL ELEVATIONS REFER TO U.S.G.S. MEAN SEA LEVEL DATUM.
10. CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT AND WITH THE LOCATION APPROVED BY THE ENGINEER.
11. THE RESIDENT ENGINEER SHALL CONTACT THE IDOT TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS PRIOR TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.
12. DUNDEE ROAD SHALL BE FULLY OPEN FOR TRAFFIC AT THE END OF EACH WORKING DAY.
13. IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO HIRE A PREQUALIFIED ENVIRONMENTAL FIRM TO MONITOR ENDANGERED SPECIES AND WETLANDS PER STATE OR FEDERAL PERMIT REQUIREMENTS. THE CONTRACTOR AND ALL SUBCONTRACTORS MUST COMPLY WITH THE TERMS OF THE INCIDENTAL TAKE AUTHORIZATION (ITA). THE COST OF HIRING AN ENVIRONMENTAL FIRM SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
14. SAW CUTTING: A SAW CUT SHALL BE REQUIRED TO THE FULL DEPTH AT THE JOINT BETWEEN THE PAVEMENT, SIDEWALK, CURB AND GUTTER, MEDIAN, AND BITUMINOUS SURFACE TO BE REMOVED AND THAT SURFACES TO BE REMOVED AND THAT LEFT IN PLACE OR AS DIRECTED BY THE ENGINEER. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE REMOVAL ITEMS.
15. A QUANTITY OF AGGREGATE SUBGRADE IMPROVEMENT AND GEOTECHNICAL FABRIC FOR GROUND STABILIZATION HAS BEEN PROVIDED FOR USE AT LOCATIONS OF UNSUITABLE OR UNSTABLE SOIL. THE NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER. IF UNSUITABLE OR UNSTABLE MATERIAL IS NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
16. ALL REMOVAL OR EXCAVATION ITEMS BEING DISPOSED OF AT AN UNCONTAMINATED SOIL FILL OPERATION OR CLEAN CONSTRUCTION AND DEMOLITION DEBRIS (CCDD) FILL SITE SHALL MEET THE REQUIREMENTS OF PUBLIC ACT 96-1416. ALL COSTS ASSOCIATED WITH MEETING THESE REQUIREMENTS SHALL BE INCLUDED IN THE UNIT PRICE COST FOR THE ASSOCIATED ITEMS IN THE CONTRACT THAT REQUIRE REMOVAL AND DISPOSAL OF CCDD AND UNCONTAMINATED SOIL. THESE COSTS SHALL INCLUDE BUT ARE NOT LIMITED TO ALL REQUIRED TESTING, LAB ANALYSIS, CERTIFICATION BY A LICENSED PROFESSIONAL ENGINEER, STATE AND LOCAL TIPPING FEES.
17. A QUANTITY OF TREE PRUNING HAS BEEN PROVIDED FOR USE AT LOCATIONS WHERE EXISTING TREE BRANCHES WILL INTERFERE WITH CONSTRUCTION. THE TREES TO BE PRUNED WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER.

STATEWIDE STANDARD DRAWINGS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS, & PATTERNS
001006	DECIMAL OF AN INCH AND A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-07	PERPENDICULAR CURB RAMPS FOR SIDEWALK
424016-01	MID-BLOCK CURB RAMPS FOR SIDEWALKS
606001-05	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
630001-10	STEEL PLATE BEAM GUARDRAIL
631032-08	TRAFFIC BARRIER TERMINAL, TYPE 6A
701101-03	OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701421-05	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS 45 MPH TO 55 MPH
701422-05	LANE CLOSURE, MULTILANE, FOR SPEEDS 45 MPH TO 55 MPH
701426-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION FOR SPEEDS > 45 MPH
701606-08	URBAN LANE CLOSURE, MULTILANE, 2W, WITH MOUNTABLE MEDIAN
701901-02	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-03	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)

DISTRICT 1 STANDARD DRAWINGS

TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC-13	TYPICAL PAVEMENT MARKINGS
TC-22	ARTERIAL ROAD INFORMATION SIGN



77 W. Hintz Rd, Wheeling, IL 60090 (847) 279-6900

DATE:	DESIGNED: SW	REVISED:
	DRAWN: MT	REVISED:
PLOT SCALE:	CHECKED: JS	REVISED:
PLOT DATE:	DATE: 1/30/13	REVISED:

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	10-00072-00-BT	COOK	39	2
CONTRACT NO. 63805				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	FAP-343	

SUMMARY OF QUANTITIES				CONS TYPE CODE	
CODE NUMBER	DESCRIPTION	UNIT	TOTAL QUANTITY	0028 BICYCLE/PED TRAILS	
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	69	69	
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	30	30	
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	30	30	
20200100	EARTH EXCAVATION	CU YD	1712	1712	
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1509	1509	
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	200	200	
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	5238	5238	
25200110	SODDING, SALT TOLERANT	SQ YD	5238	5238	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	65	65	
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	65	65	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	65	65	
25200200	SUPPLEMENTAL WATERING	UNIT	79	79	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	336	336	
28000500	INLET AND PIPE PROTECTION	EACH	2	2	
28000510	INLET FILTERS	EACH	27	27	
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	100	100	
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	944	944	
35101700	AGGREGATE BASE COURSE, TYPE B 5"	SQ YD	4729	4729	
40200900	AGGREGATE SURFACE COURSE, TYPE B	CU YD	1	1	
40300100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	2081	2081	
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	795	795	
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	8496	8496	
42400800	DETECTABLE WARNINGS	SQ FT	136	136	
44000100	PAVEMENT REMOVAL	SQ YD	38	38	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	150	150	
44000600	SIDEWALK REMOVAL	SQ FT	236	236	
50105220	PIPE CULVERT REMOVAL	FOOT	25	25	
60250200	CATCH BASINS TO BE ADJUSTED	EACH	2	2	
60255500	MANHOLES TO BE ADJUSTED	EACH	7	7	
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	150	150	
67100100	MOBILIZATION	L SUM	1	1	
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1	1	
70100320	TRAFFIC CONTROL AND PROTECTION, STANDARD 701422	L SUM	1	1	
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1	
72000100	SIGN PANEL - TYPE 1	SQ FT	68	68	

SUMMARY OF QUANTITIES				CONS TYPE CODE	
CODE NUMBER	DESCRIPTION	UNIT	TOTAL QUANTITY	0028 BICYCLE/PED TRAILS	
Δ 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	3	3	
Δ 72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	27	27	
Δ 72900100	METAL POST - TYPE A	FOOT	315	315	
Δ 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	263	263	
Δ 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	293	293	
78300100	PAVEMENT MARKING REMOVAL	SQ FT	130	130	
* X0326806	WASHOUT BASIN	L SUM	1	1	
* X2800310	REMOVE PERIMETER EROSION BARRIER	FOOT	5848	5848	
* X5121800	PERMANENT STEEL SHEET PILING	SQ FT	3905	3905	
* Δ X6330800	GUARDRAIL POST VERTICAL ADJUSTMENT	EACH	20	20	
* Δ X7240505	RELOCATE SIGN PANEL AND POST	EACH	8	8	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	
* Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	52	52	

Δ DENOTES SPECIALTY ITEM
* DENOTES SPECIAL PROVISION



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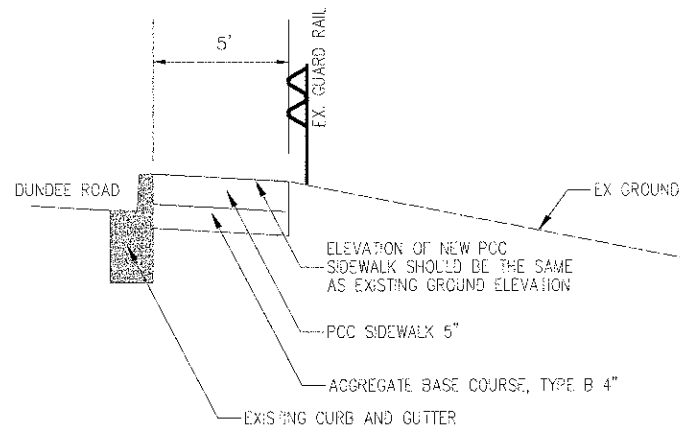
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PLOT DATE:	DATE: 1/30/13	REVISED:

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

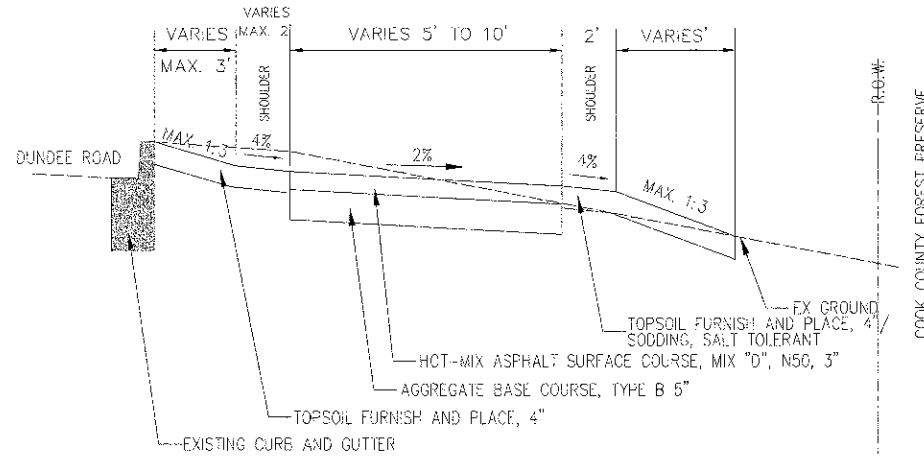
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	10-00072-00-BT	COOK	39	3
CONTRACT NO. 63805				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	FAP-343	



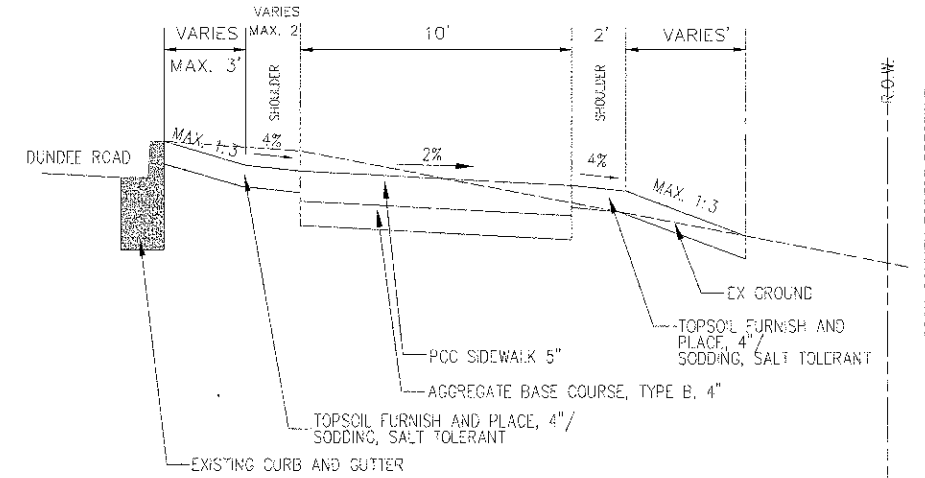
PROPOSED TYPICAL SECTION
 STA. 0+00 to STA. 1+00, IL ROUTE 68

PORTLAND CEMENT CONCRETE SIDEWALK 5"	500	SF
AGGREGATE BASE COURSE TYPE B, 4"	56	SY



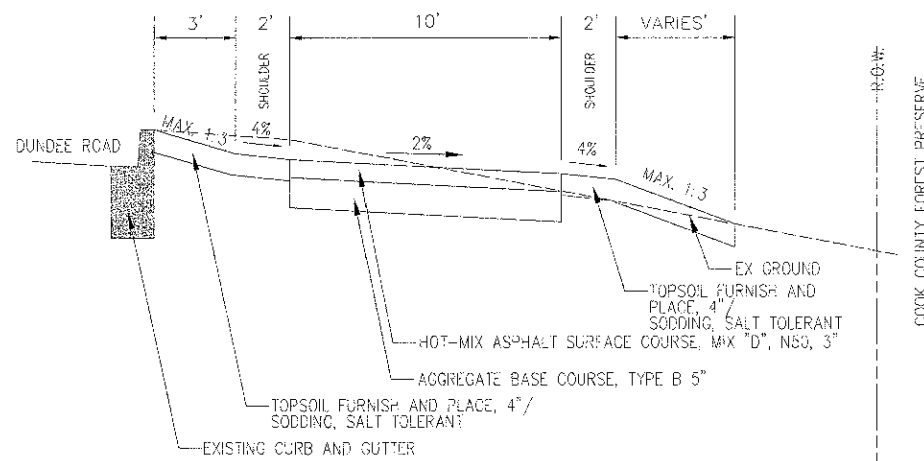
PROPOSED TYPICAL SECTION
 STA. 1+00 to STA. 1+50, IL ROUTE 68
 STA. 33+00 to STA. 33+50, IL ROUTE 68

HOT MIXED ASPHALT SURFACE COURSE, MIX "D", N50, 3"	14	TON
AGGREGATE BASE COURSE, TYPE B, 5"	83	SY



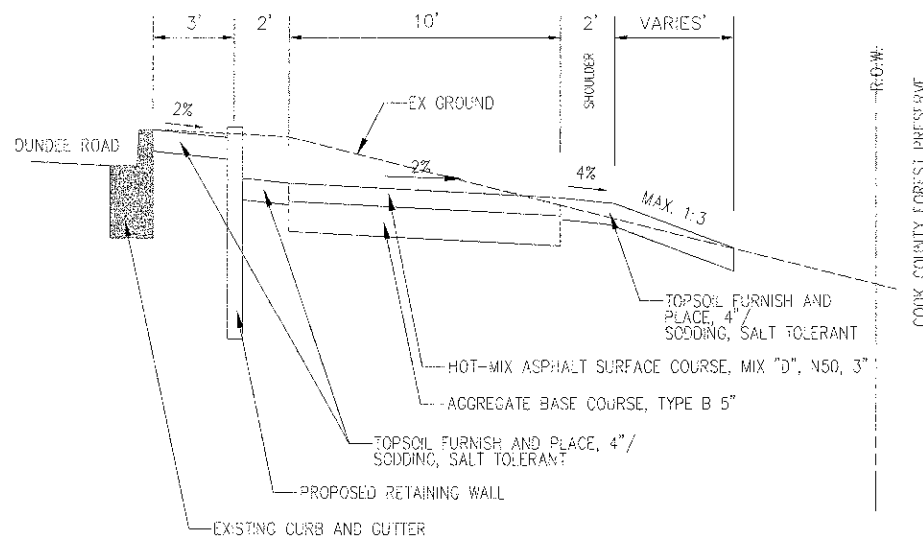
PROPOSED TYPICAL SECTION
 STA. 5+75 to STA. 5+89, IL ROUTE 68
 STA. 6+21 to STA. 6+35, IL ROUTE 68
 STA. 15+93 to STA. 16+03, IL ROUTE 68

PORTLAND CEMENT CONCRETE SIDEWALK 5"	368	SF
AGGREGATE BASE COURSE TYPE B, 4"	41	SY



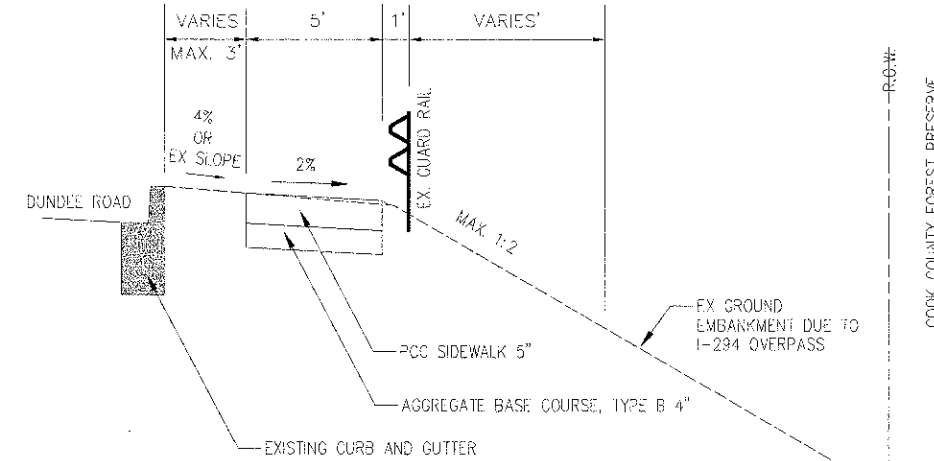
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 STA. 1+50 to STA. 1+75, IL ROUTE 68
 STA. 5+50 to STA. 5+75, IL ROUTE 68
 STA. 6+35 to STA. 15+93, IL ROUTE 68
 STA. 16+03 to STA. 33+00, IL ROUTE 68

HOT MIXED ASPHALT SURFACE COURSE, MIX "D", N50, 3"	505	TON
AGGREGATE BASE COURSE, TYPE B, 5"	3006	SY



PROPOSED TYPICAL SECTION
 STA. 1+75 to STA. 5+50, IL ROUTE 68

HOT MIXED ASPHALT SURFACE COURSE, MIX "D", N50, 3"	70	TON
AGGREGATE BASE COURSE, TYPE B, 5"	417	SY



PROPOSED TYPICAL SECTION
 STA. 33+50 to STA. 43+91, IL ROUTE 68

PORTLAND CEMENT CONCRETE SIDEWALK 5"	5205	SF
AGGREGATE BASE COURSE TYPE B, 4"	578	SY

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ NDES
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm), 3" (2 LIFTS)	4% @ 50 CYR.

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SY YD³/IN.

THE "AC TYPE" FOR NON-POLYMERIZED HMA MIXES SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS FOR "PERCENT OF RAP". SEE SPECIAL PROVISIONS.



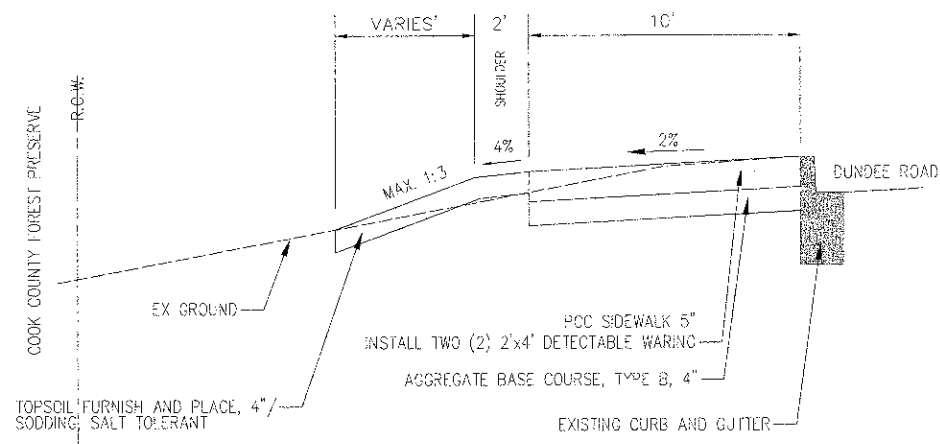
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	DATE: 1/30/13	REVISED:

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS: SOUTH PARKWAY

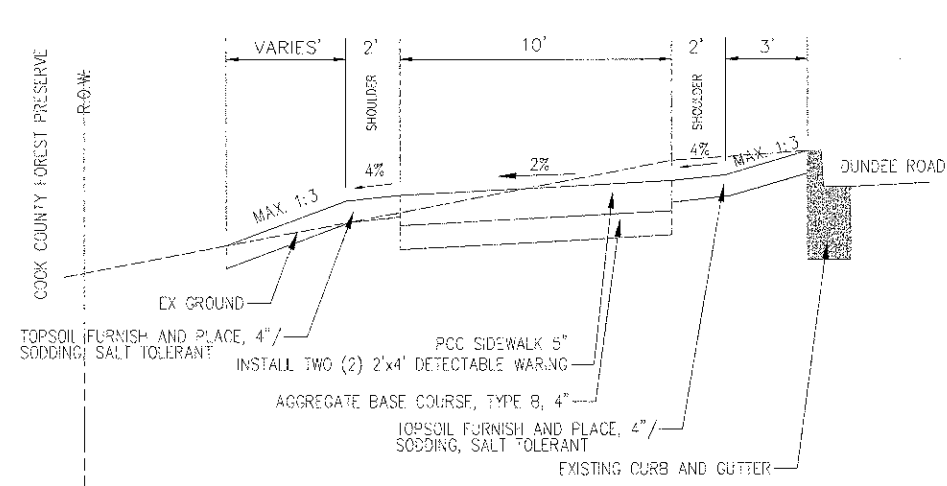
SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	10-00072-00-BT	COOK	39	4
CONTRACT NO. 63805				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	FAP-343	



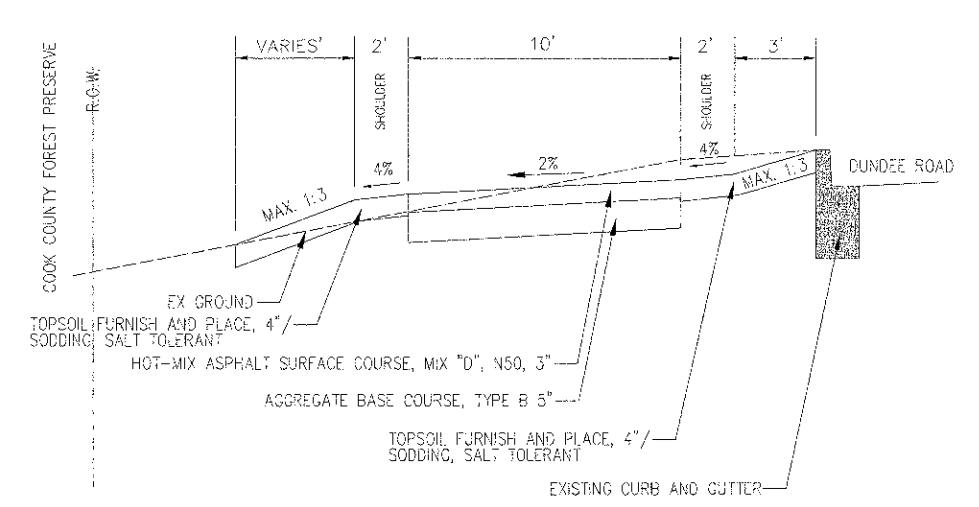
PROPOSED TYPICAL SECTION
STA. 50+24 to STA. 50+81, IL ROUTE 68

PORTLAND CEMENT CONCRETE SIDEWALK 5"	431	SF
AGGREGATE BASE COURSE TYPE B, 4"	45	SY



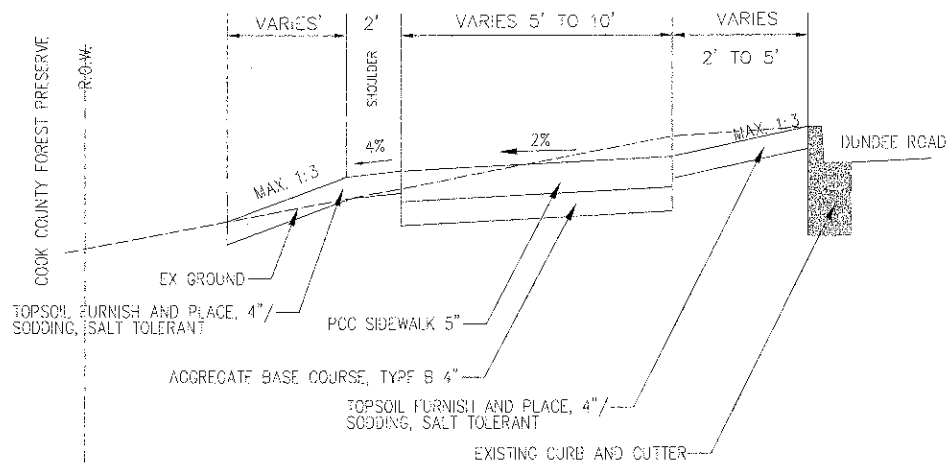
PROPOSED TYPICAL SECTION
STA. 51+18 to STA. 51+50, IL ROUTE 68
STA. 64+93 to STA. 65+03, IL ROUTE 68

PORTLAND CEMENT CONCRETE SIDEWALK 5"	429	SF
AGGREGATE BASE COURSE TYPE B, 4"	48	SY



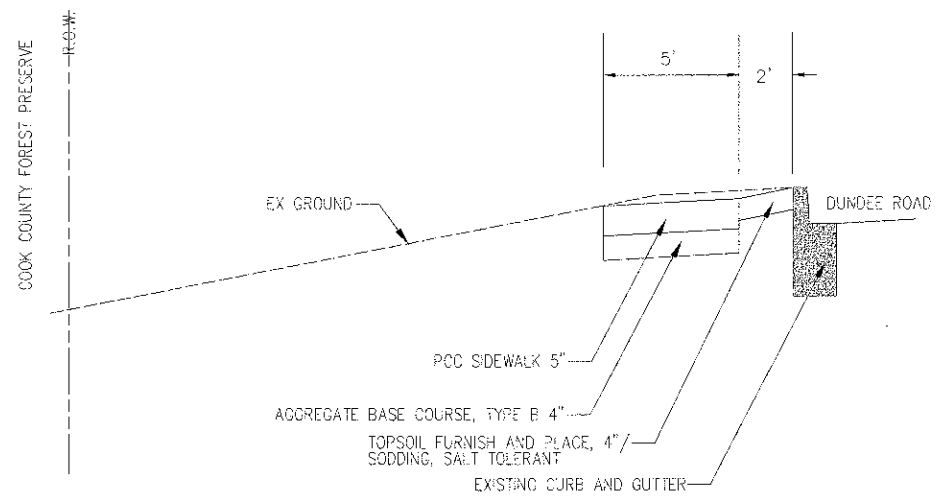
PROPOSED TYPICAL SECTION
STA. 54+00 to STA. 64+93, IL ROUTE 68

HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 3"	204	TON
AGGREGATE BASE COURSE, TYPE B 5"	1214	SY



PROPOSED TYPICAL SECTION
STA. 51+50 to STA. 52+00, IL ROUTE 68
STA. 53+50 to STA. 54+00, IL ROUTE 68

PORTLAND CEMENT CONCRETE SIDEWALK 5"	750	SF
AGGREGATE BASE COURSE TYPE B, 4"	84	SY



PROPOSED TYPICAL SECTION
STA. 52+00 to STA. 53+50, IL ROUTE 68

PORTLAND CEMENT CONCRETE SIDEWALK 5"	750	SF
AGGREGATE BASE COURSE TYPE B, 4"	84	SY

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ NDES
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm), 3" (2 LIFTS)	4% @ 50 GYR.

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SY YD/IN.

THE "AC TYPE" FOR NON-POLYMERIZED HMA MIXES SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS FOR "PERCENT OF RAP". SEE SPECIAL PROVISIONS.



77 W. Hintz Rd, Wheeling, IL 60090 (847) 279-6900

DATE:	DESIGNED: SW	REVISED:
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PLOT DATE:	DATE: 1/30/13	REVISED:

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS: NORTH PARKWAY

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	10-00072-00-BT	COOK	39	5
CONTRACT NO. 63805				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	FAP-343	

EARTH WORK QUANTITY

LOCATION		EARTH EXCAVATION (CUT)		EMBANKMENT (FILL)		EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)		SQ	LOCATION		EARTH EXCAVATION (CUT)		EMBANKMENT (FILL)		EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)		SQ	LOCATION		EARTH EXCAVATION (CUT)		EMBANKMENT (FILL)		EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)		SQ	
STATION	TO STATION	CUBIC	YARDS	CUBIC	YARDS	CUBIC	YARDS	SQUARE	STATION	TO STATION	CUBIC	YARDS	CUBIC	YARDS	CUBIC	YARDS	SQUARE	STATION	TO STATION	CUBIC	YARDS	CUBIC	YARDS	CUBIC	YARDS	SQUARE	
0+00	0+50	6.9		0.0		(+) 6.9		0.0	22+50	23+00	17.6		1.6		(+) 16.0		51.1	50+34	50+50	2.9		0.5		(+) 2.4		9.9	
0+50	1+00	6.9		0.0		(+) 6.9		0.0	23+00	23+50	14.7		0.0		(+) 14.7		35.3	50+50	50+81	3.1		0.3		(+) 2.8		8.6	
1+00	1+50	16.2		1.1		(+) 15.1		0.0	23+50	24+00	13.5		0.0		(+) 13.5		36.1	51+18	51+32	1.9		0.0		(+) 1.9		0.0	
1+50	1+75	13.8		1.1		(+) 12.7		44.7	24+00	24+50	13.5		0.0		(+) 13.5		29.2	51+32	51+50	8.4		0.0		(+) 8.4		5.0	
1+75	2+00	17.2		0.6		(+) 16.6		36.9	24+50	25+00	10.6		2.2		(+) 8.4		43.9	51+50	52+00	12.9		0.0		(+) 12.9		19.7	
2+00	2+50	39.9		0.2		(+) 39.7		59.4	25+00	25+50	7.8		4.4		(+) 3.4		59.2	52+00	52+50	10.3		0.0		(+) 10.3		15.0	
2+50	3+00	43.1		3.1		(+) 40.0		58.9	25+50	26+00	8.2		4.1		(+) 4.1		65.3	52+50	52+83	7.6		0.0		(+) 7.6		9.9	
3+00	3+50	42.0		11.3		(+) 30.9		71.7	26+00	26+50	10.7		2.2		(+) 8.5		66.1	52+83	53+00	3.7		0.0		(+) 3.7		4.0	
3+50	4+00	40.2		8.1		(+) 32.1		67.5	26+50	27+00	11.2		0.6		(+) 10.6		55.6	53+00	53+50	10.0		0.0		(+) 10.0		11.9	
4+00	4+50	43.4		0.0		(+) 43.4		48.9	27+00	27+50	9.8		0.5		(+) 9.3		49.4	53+50	54+00	21.3		0.0		(+) 21.3		35.3	
4+50	5+00	41.4		0.0		(+) 41.4		35.3	27+50	28+00	11.6		0.2		(+) 11.4		46.1	54+00	54+50	31.8		0.2		(+) 31.4		59.4	
5+00	5+50	28.7		0.5		(+) 28.2		47.2	28+00	28+50	13.1		0.0		(+) 13.1		43.3	54+50	55+00	29.6		0.2		(+) 29.4		56.4	
5+50	5+75	9.7		0.2		(+) 9.5		22.9	28+50	29+00	11.5		0.2		(+) 11.3		48.4	55+00	55+50	27.1		0.5		(+) 26.6		55.3	
5+75	5+89	2.6		0.0		(+) 2.6		4.7	29+00	29+50	11.9		0.6		(+) 11.3		51.4	55+50	56+00	25.6		1.3		(+) 24.3		56.9	
5+89	6+21	0.0		0.0		(+) 0.0		0.0	29+50	30+00	17.4		0.4		(+) 17.0		44.4	56+00	56+50	24.5		2.0		(+) 22.5		58.1	
6+21	6+35	2.9		0.0		(+) 2.9		6.4	30+00	30+50	18.4		0.0		(+) 18.4		35.3	56+50	57+00	15.7		4.4		(+) 11.3		20.1	
6+35	6+50	6.0		0.4		(+) 5.6		17.3	30+50	31+00	19.8		0.0		(+) 19.8		36.7	57+00	57+50	7.0		8.9		(+) 0.1		62.5	
6+50	7+00	22.1		1.8		(+) 20.3		66.7	31+00	31+50	21.4		0.0		(+) 21.4		41.9	57+50	57+70	2.7		2.1		(+) 0.6		25.9	
7+00	7+50	24.9		9		(+) 24.0		62.2	31+50	32+00	19.6		0.0		(+) 19.6		43.9	57+70	58+00	4.9		1.3		(+) 3.6		34.3	
7+50	8+00	26.6		4		(+) 26.2		56.4	32+00	32+50	18.2		0.3		(+) 17.9		48.1	58+00	58+50	12.2		1.5		(+) 10.7		52.2	
8+00	8+50	29.0		0.0		(+) 29.0		46.9	32+50	33+00	18.0		0.5		(+) 17.5		55.6	58+50	59+00	13.1		2.9		(+) 10.2		57.7	
8+50	9+00	30.0		0.0		(+) 30.0		44.7	33+00	33+50	14.0		0.2		(+) 13.8		38.1	59+00	59+50	9.4		5.2		(+) 4.2		59.7	
9+00	9+25	12.3		0.1		(+) 12.2		23.9	33+50	34+00	8.1		0.0		(+) 8.1		17.8	59+50	60+00	9.3		7.3		(+) 2.0		61.9	
9+25	9+50	6.7		1.2		(+) 5.5		26.5	34+00	34+50	8.5		0.0		(+) 8.5		16.7	60+00	60+50	9.7		5.3		(+) 4.4		59.7	
9+50	10+00	8.7		5.6		(+) 3.1		66.9	34+50	35+00	8.4		0.0		(+) 8.4		16.7	60+50	61+00	9.0		2.9		(+) 6.1		56.7	
10+00	10+50	9.9		6.0		(+) 3.9		74.2	35+00	35+50	8.1		0.0		(+) 8.1		18.1	61+00	61+50	10.9		1.7		(+) 9.2		49.4	
10+50	11+00	9.5		5.5		(+) 4.0		72.8	35+50	36+00	9.2		0.0		(+) 9.2		20.3	61+50	62+00	11.0		0.1		(+) 10.9		43.6	
11+00	11+50	7.5		7.8		(-) 0.3		77.5	36+00	36+50	9.1		0.0		(+) 9.1		20.3	62+00	62+50	9.8		0.6		(+) 9.2		47.8	
11+50	12+00	6.5		7.9		(-) 1.4		71.9	36+50	37+00	8.5		0.0		(+) 8.5		18.1	62+50	63+00	12.1		0.5		(+) 11.6		47.5	
12+00	12+50	8.1		7.1		(+) 1.0		76.8	37+00	37+50	7.4		0.0		(+) 7.4		27.8	63+00	63+50	14.3		0.0		(+) 14.3		42.8	
12+50	13+00	9.4		7.2		(-) 2.2		77.5	37+50	38+00	6.9		0.0		(+) 6.9		29.4	63+50	64+00	15.1		0.0		(+) 15.1		40.8	
13+00	13+50	8.1		5.0		(+) 3.1		65.8	38+00	38+50	8.4		0.0		(+) 8.4		23.1	64+00	64+50	22.4		0.1		(+) 22.3		54.4	
13+50	14+00	8.7		2.2		(+) 6.5		54.2	38+50	39+00	8.8		0.0		(+) 8.8		21.9	64+50	64+61	6.1		0.0		(+) 6.1		14.8	
14+00	14+50	10.5		1.5		(+) 9.0		56.1	39+00	39+50	8.2		0.0		(+) 8.2		19.4	64+61	65+00	15.4		0.0		(+) 15.4		38.8	
14+50	15+00	11.9		1.1		(+) 10.8		52.8	39+50	40+00	7.5		0.0		(+) 7.5		21.9	65+00	65+25	3.2		0.0		(+) 3.2		6.9	
15+00	15+50	12.7		0.0		(+) 12.7		46.1	40+00	40+50	7.3		0.0		(+) 7.3		22.5	NORTH PARKWAY TOTAL		434.0		48.2 (USE 48)		(+) 385.8 (USE 386)		1280.9 (USE 1281)	
15+50	16+00	11.9		0.0		(+) 11.9		46.7	40+50	41+00	7.8		0.0		(+) 7.8		20.8	GRAND TOTAL		1712		205		(+) 1509		5236	
16+00	16+50	10.8		1.5		(+) 9.3		56.1	41+00	41+50	8.7		0.0		(+) 8.7		18.1										
16+50	17+00	10.9		5.4		(+) 5.5		67.5	41+50	42+00	8.8		0.0		(+) 8.8		17.8										
17+00	17+50	11.5		9.7		(+) 1.8		76.9	42+00	42+50	8.4		0.0		(+) 8.4		20.3										
17+50	18+00	11.2		7.6		(+) 3.6		70.6	42+50	43+00	7.9		0.0		(+) 7.9		18.6										
18+00	18+50	12.1		2.9		(+) 9.2		58.6	43+00	43+06	0.8		0.0		(+) 0.8		1.9										
18+50	19+00	15.2		1.5		(+) 13.7		54.7	43+06	43+50	4.7		0.2		(+) 4.5		13.9										
19+00	19+50	16.7		0.9		(+) 15.8		49.4	43+50	43+55	0.4		0.1		(+) 0.3		2.1										
19+50	20+00	14.0		2.1		(+) 11.9		53.1	43+55	43+91	3.5		0.3		(+) 3.2		23.6										
20+00	20+50	10.8		1.9		(+) 8.9		53.9	SUB TOTAL		477.9		18.6		(+) 458.3		1453.5										
20+50	21+00	9.7		3.2		(+) 6.5		63.1	SOUTH PARKWAY TOTAL		1277.3 (USE 1278)		155.1 (USE 156)		(+) 1122.2 (USE 1123)		3957.0										
21+00	21+50	11.3		6.8		(+) 4.5		85.3																			
21+50	22+00	13.1		3.9		(+) 9.2		72.5																			
22+00	22+50	16.2		1.6		(+) 14.6		61.4																			
SUB TOTAL		799.4		136.5		(+) 662.9		2503.5																			

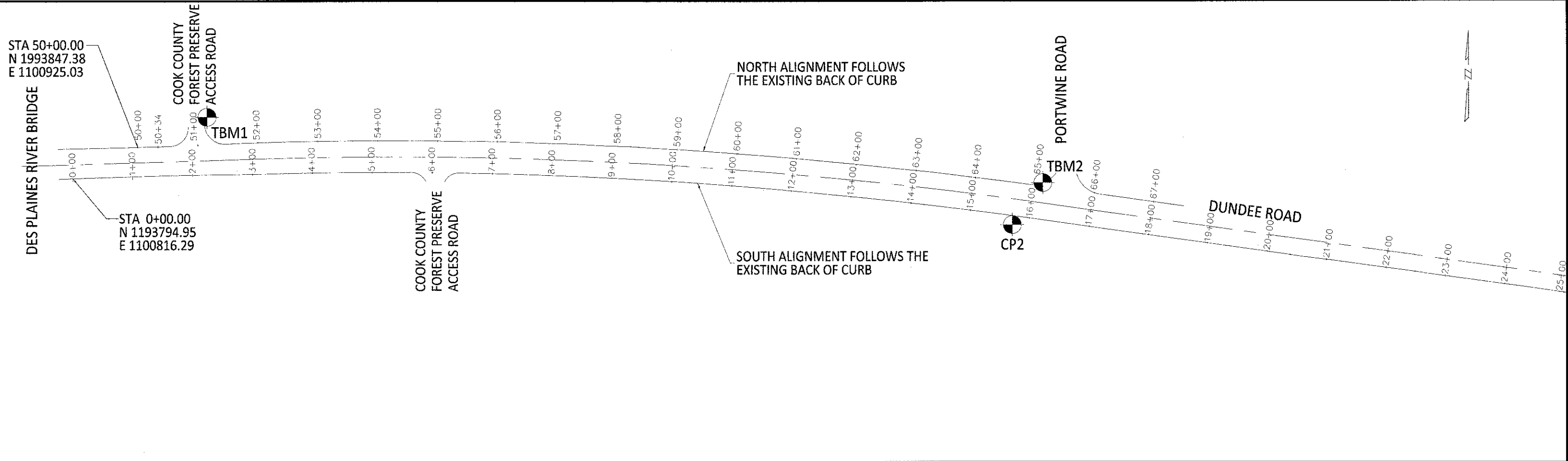


DATE:	DESIGNED: SW	REVISIONS:
PLOT SCALE:	DRAWN: MT	REVISIONS:
PLOT DATE:	CHECKED: JS	REVISIONS:
	DATE: 1/30/13	REVISIONS:

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

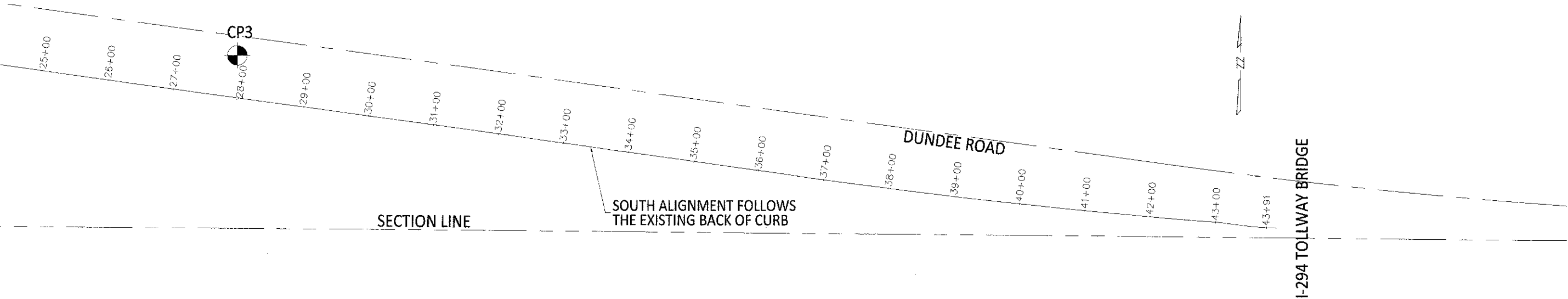
EARTHWORK QUANTITIES

SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			343	10-00072-00-BT	COOK	39	6
			CONTRACT NO. 63805				
			FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	FAP - 343	

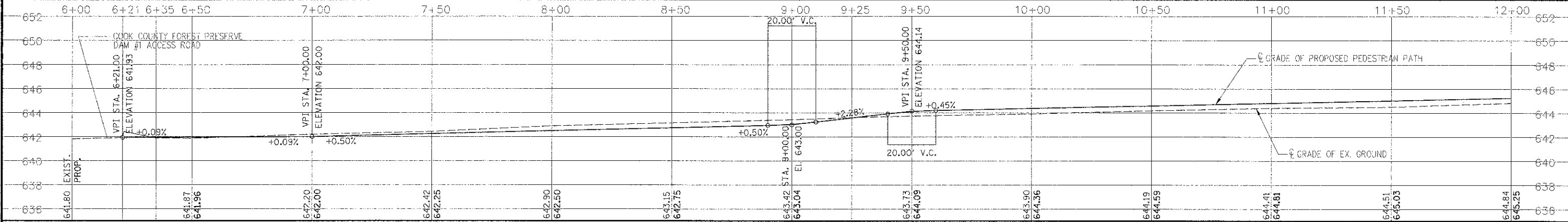
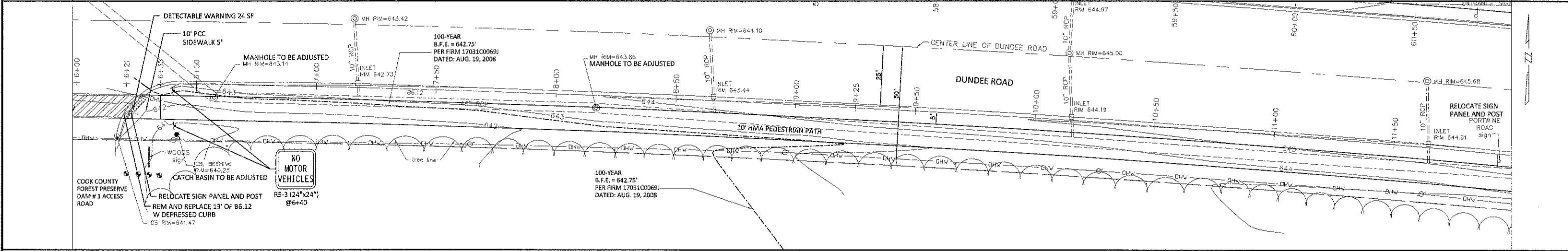
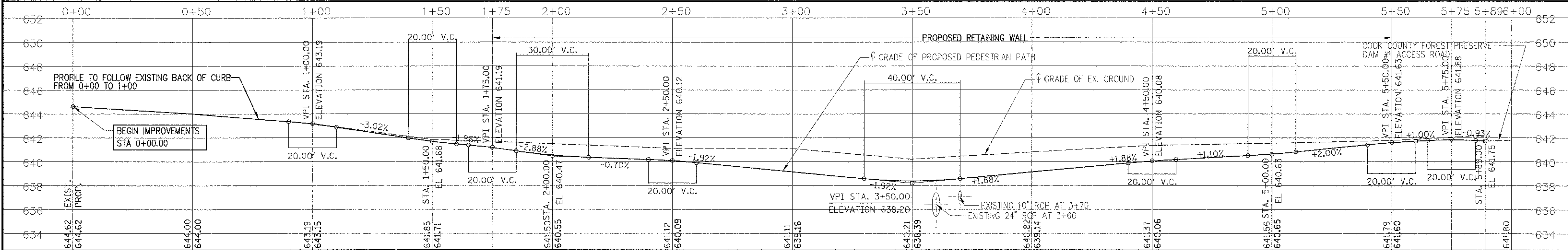
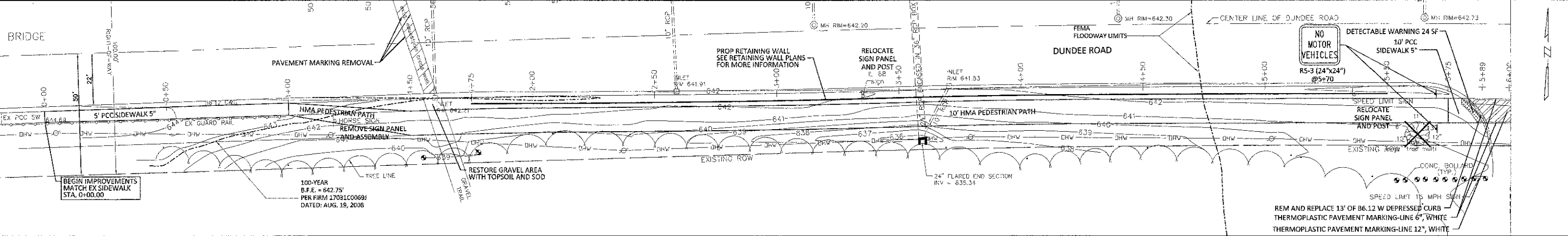


ELEVATION BENCHMARKS (NAD88 DATUM)		
NO.	DESCRIPTION	ELEVATION
TBM1	TOP OF FIRST CONCRETE BOLLARD EAST OF FOREST PRESERVE ENTRANCE	642.44
TBM2	SQUARE CUT ON TOP OF CURB AT NORTHWEST CORNER OF PORTWINE/DUNDEE INTERSECTION	647.91

HORIZONTAL CONTROL POINTS (NAD83 DATUM)				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP2	1993716.947	1102386.200	646.804	IP W/ PLASTIC CAP
CP3	1993627.820	1103599.531	651.418	
BM15	1993751.813	1099848.510	646.315	2.5" ALUMINUM DISK @ SE CORNER OF DUNDEE ROAD AND MILWAUKEE AVE



DES PLAINES RIVER



77 W. Hintz Rd, Wheeling, IL 60090 (847) 279-6900

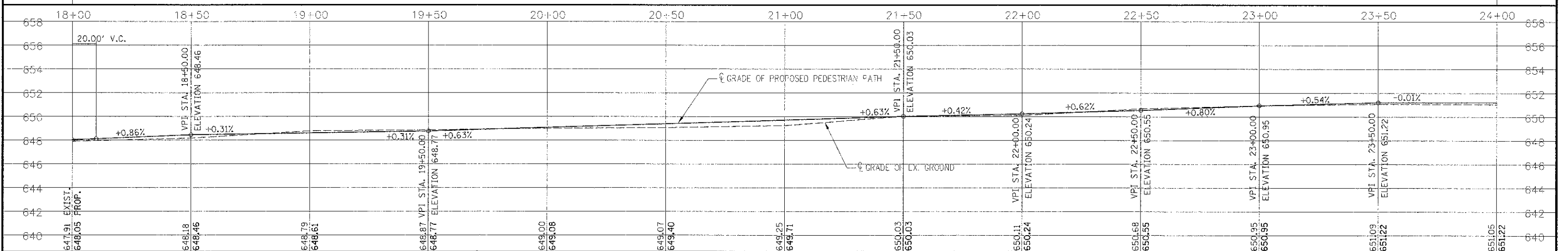
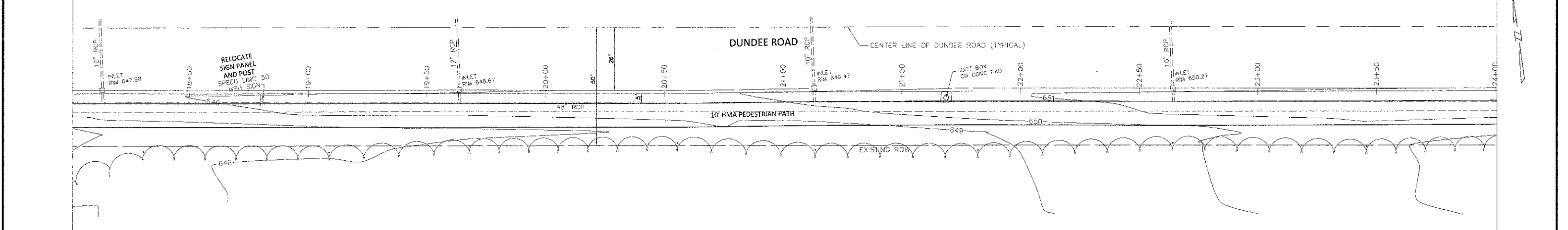
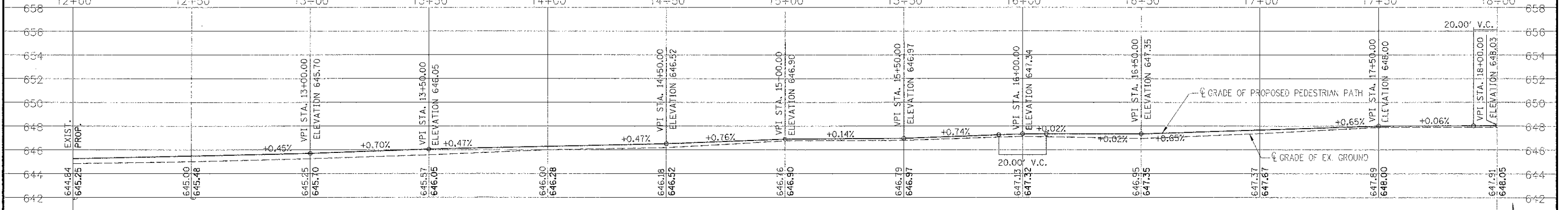
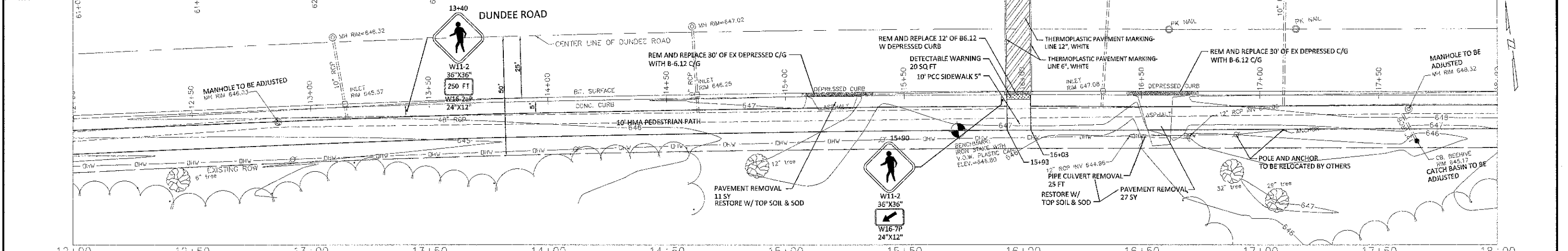
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PLOT DATE:	CHECKED: JS	REVISED:
DATE: 1/30/13	DATE:	REVISED:

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE: SOUTH PARKWAY

SCALE: H 1"=20', V 1"=4' SHEET NO. OF SHEETS STA. 0+00 TO STA. 12+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	10-00072-00-BT	COOK	39	8
CONTRACT NO. 63805				
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT FAP 343		



VILLAGE OF WHEELING
 77 W. Hintz Rd, Wheeling, IL 60090 (847) 279-6900

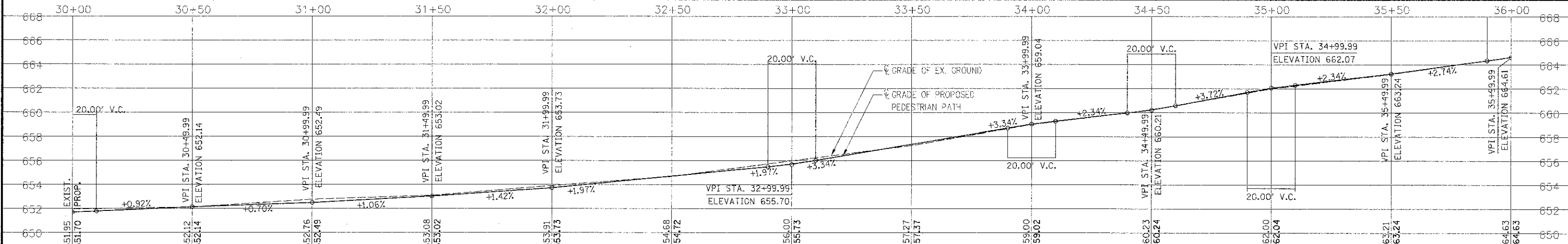
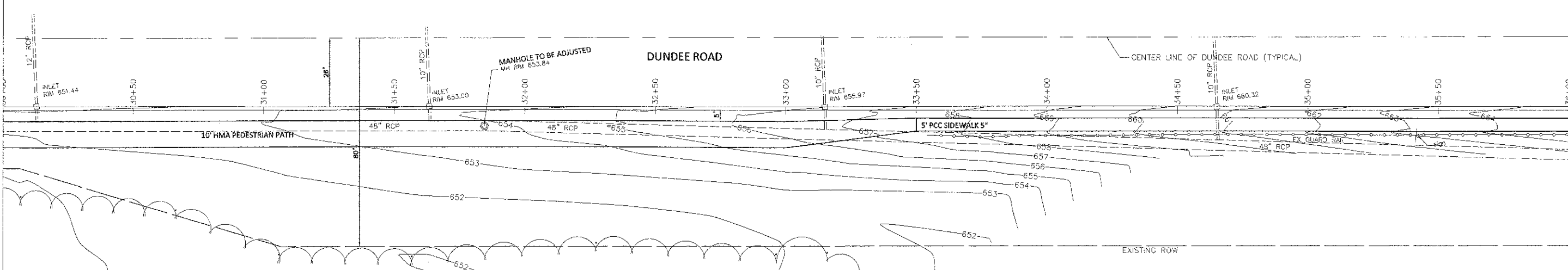
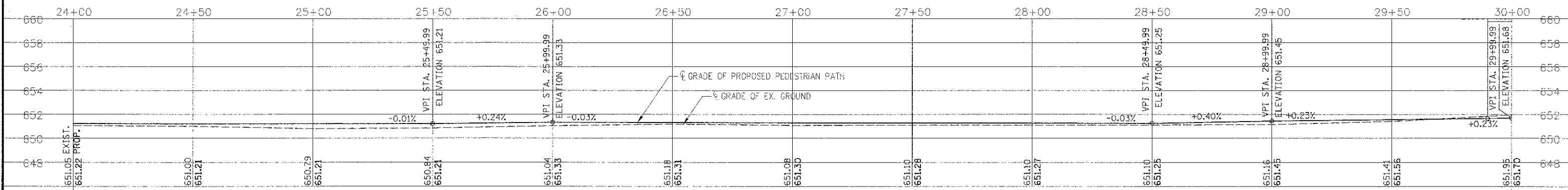
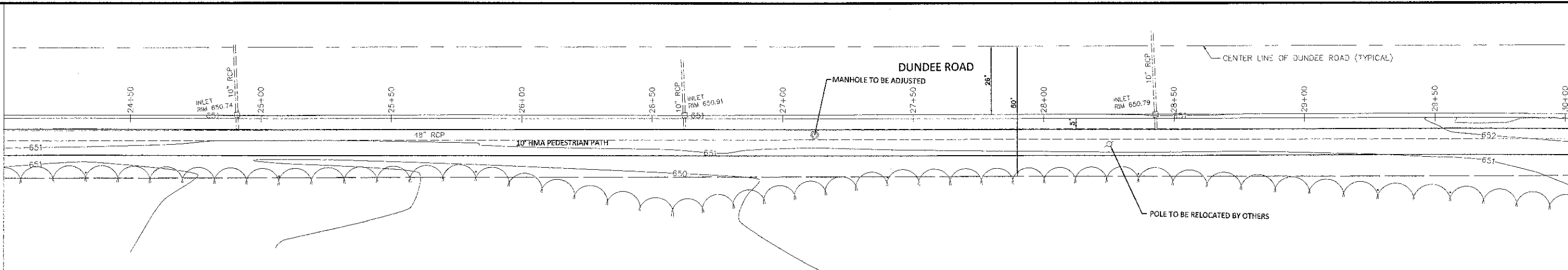
DATE:	DESIGNED: SW	REVISED:
PLOT SCALE: 1:20'	DRAWN: MT	REVISED:
PLOT DATE:	CHECKED: JS	REVISED:
	DATE: 1/30/13	REVISED:

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE: SOUTH PARKWAY

SCALE: H 1"=20', V 1"=4' SHEET NO. OF SHEETS STA. 12+00 TO STA. 24+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	10-00072-00-BT	COOK	39	9
CONTRACT NO. 63805				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	FAP 343	



77 W. Hintz Rd, Wheeling, IL 60090 (847) 279-6900

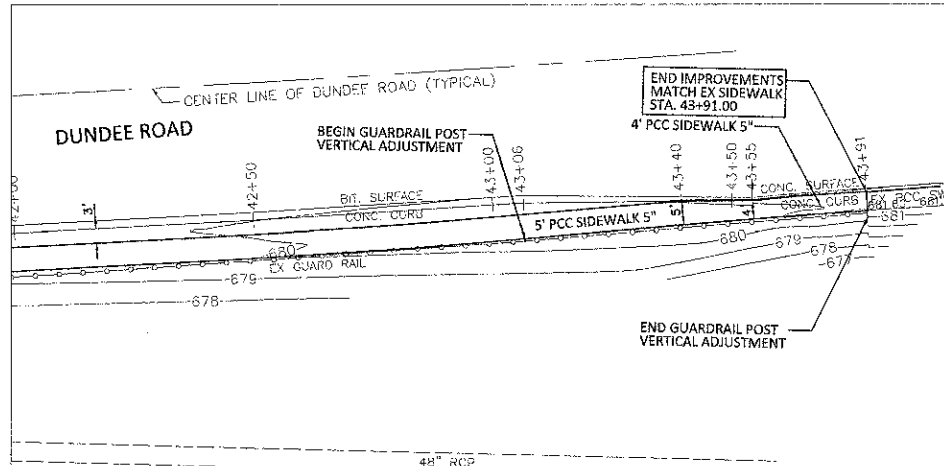
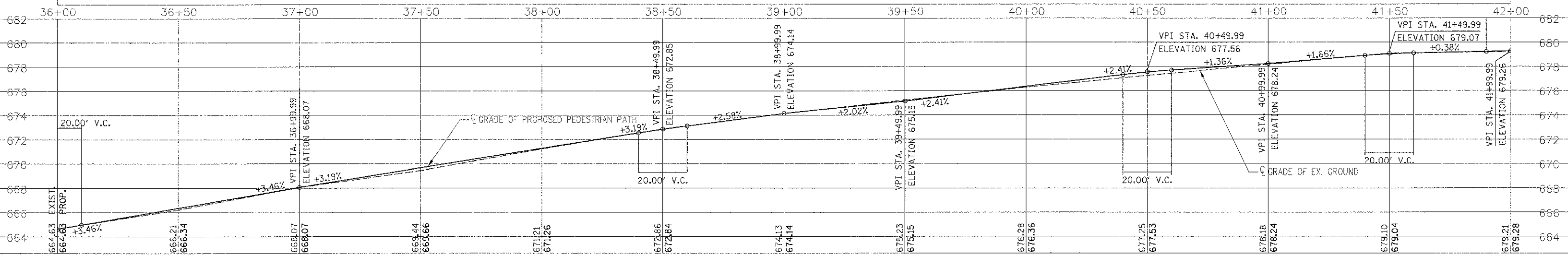
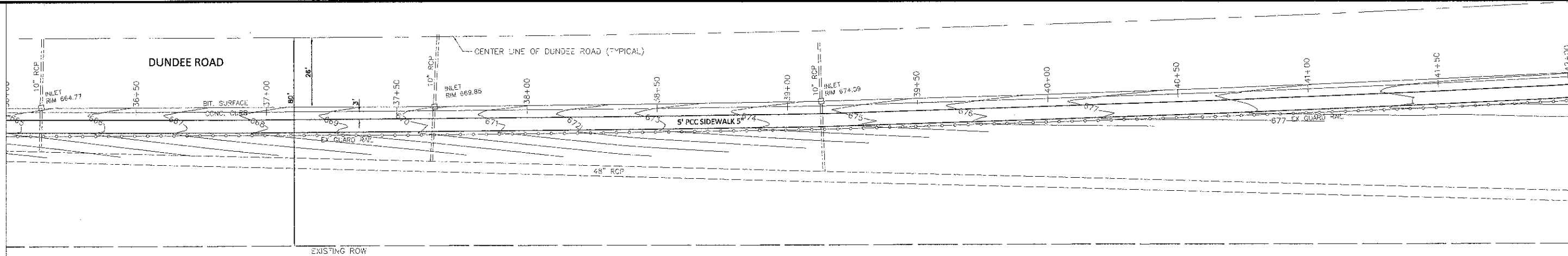
DATE:	DESIGNED: SW	REVISED:
PLOT SCALE: 1:20'	DRAWN: MT	REVISED:
PLOT DATE:	CHECKED: JS	REVISED:
DATE: 1/30/13	REVISED:	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

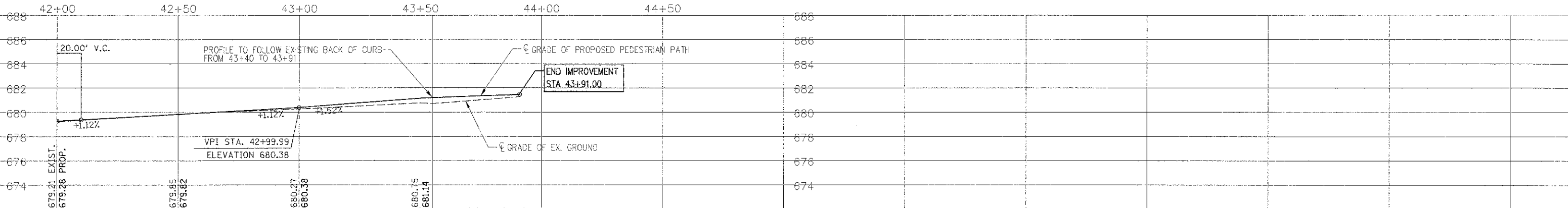
PLAN AND PROFILE: SOUTH PARKWAY

SCALE: H 1"=20', V 1"=4' SHEET NO. OF SHEETS STA. 24+00 TO STA. 36+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	10-00072-00-BT	COOK	39	10
CONTRACT NO. 63805				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	FAP 343	



I-294 TOLLWAY



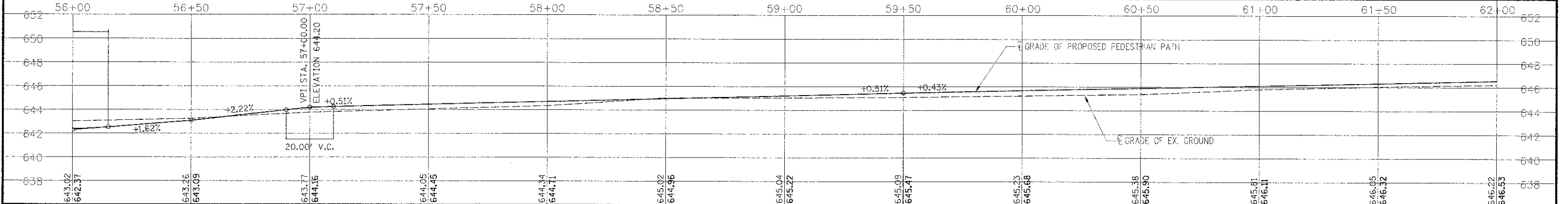
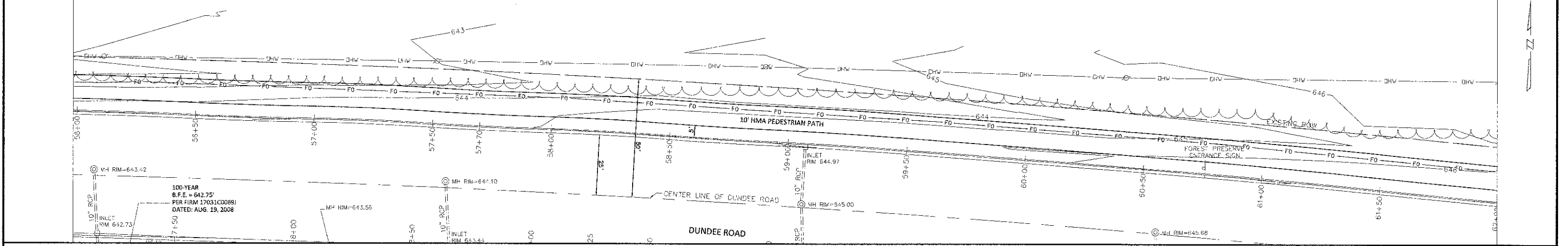
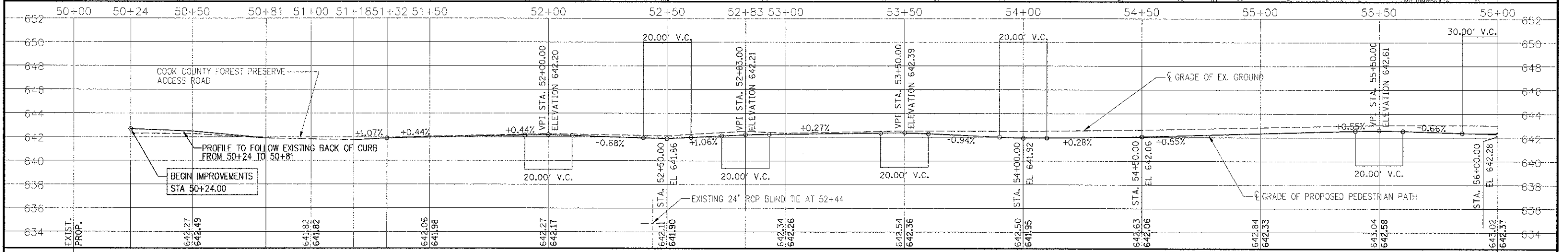
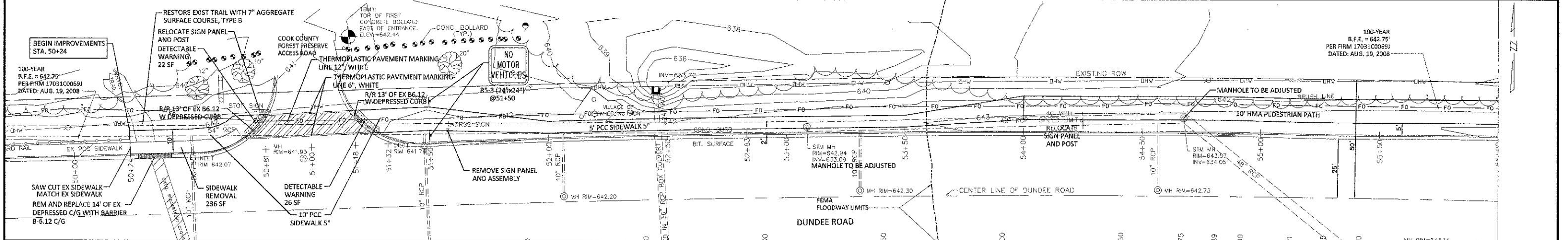
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PLOT SCALE: 1:20'	DRAWN: MT	REVISED:
PLOT DATE:	CHECKED: JS	REVISED:
	DATE: 1/30/13	REVISED:

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE: SOUTH PARKWAY

SCALE: H 1"=20', V 1"=4' SHEET NO. OF SHEETS STA. 36+00 TO STA. 43+91

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	10-00072-00-BT	COOK	39	11
CONTRACT NO. 63805				
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		FAP 343



VILLAGE OF WHEELING ILLINOIS
 77 W. Hintz Rd, Wheeling, IL 60090 (847) 279-6900

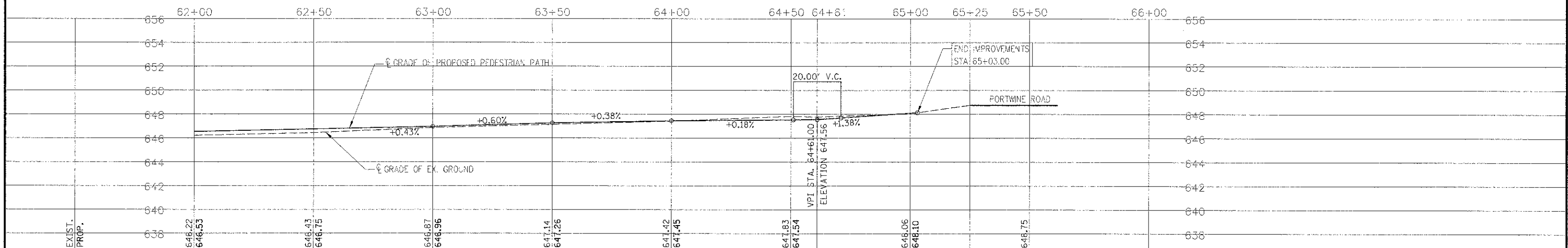
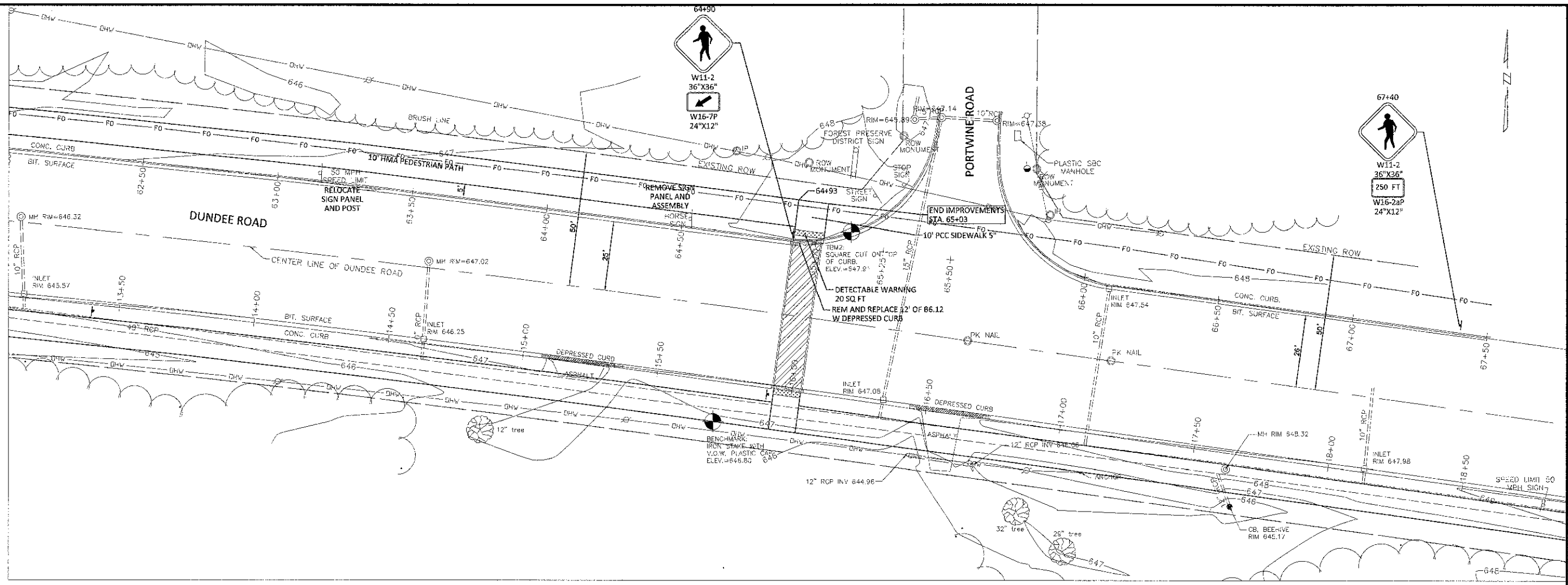
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PLOT SCALE: 1:20'	DRAWN: MT	REVISED:
PLOT DATE:	CHECKED: JS	REVISED:
DATE: 1/30/13		REVISED:

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

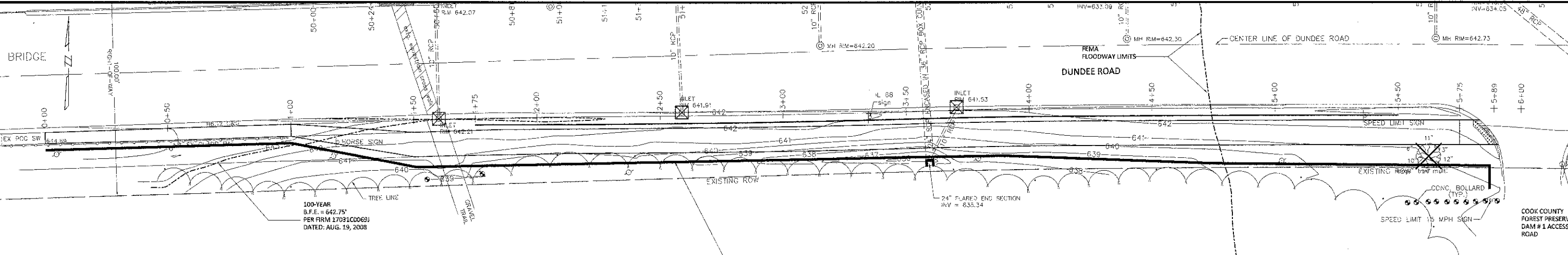
PLAN AND PROFILE: NORTH PARKWAY

SCALE: H 1"=20', V 1"=4' SHEET NO. OF SHEETS : STA. 50+00 TO STA. 62+00

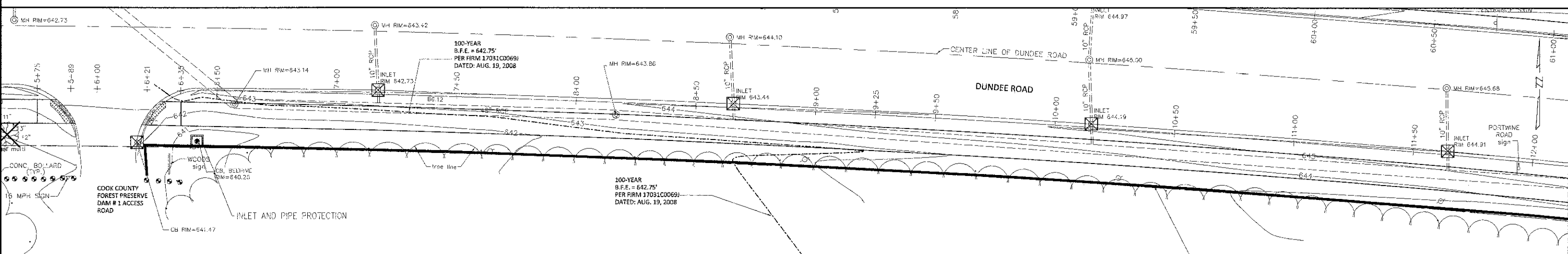
F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	10-00072-00-BT	COOK	39	12
CONTRACT NO. 63805				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	FAP 343	



DES PLAINES RIVER



MAINTAIN PERIMETER EROSION BARRIER
 INSTALLED BY OTHERS
 (PAID FOR AS REMOVE PERIMETER EROSION BARRIER)



MAINTAIN PERIMETER EROSION BARRIER
 INSTALLED BY OTHERS
 (PAID FOR AS REMOVE PERIMETER EROSION BARRIER)

SOIL EROSION AND SEDIMENT CONTROL NOTES:

- SOIL EROSION AND SEDIMENT CONTROL (SESC) FEATURES MUST BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF UPLAND DISTURBANCE. SOIL DISTURBANCE MUST BE PHASED OR ENACTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES MUST CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY AND/OR PERMANENT MEASURES.
- A COPY OF THE APPROVED SOIL EROSION AND SEDIMENT CONTROL PLAN MUST BE MAINTAINED ON THE SITE AT ALL TIMES.
- AFTER ALL PERIMETER EROSION BARRIER IS REMOVED, THE AREAS DAMAGED BY THE CONTRACTOR MUST BE RESTORED. THE COST OF THE RESTORATION SHALL BE CONSIDERED INCLUDED IN THE COST OF REMOVE PERIMETER EROSION BARRIER.
- ALL DISTURBED SOILS ARE TO BE STABILIZED, TEMPORARILY OR PERMANENTLY, WITHIN SEVEN DAYS OF CONSTRUCTION ACTIVITY HAVING CEASED IF THE SOIL IS TO REMAIN UNDISTURBED FOR MORE THAN 14 DAYS.
- ALL ADJACENT STREETS MUST BE KEPT CLEAR OF DEBRIS. INSPECTIONS SHALL BE CONDUCTED DAILY AND STREETS CLEANED WHEN NECESSARY. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT.
- ALL DISTURBED AREAS WILL BE RESTORED WITH 4" OF TOPSOIL AND SOD.
- A QUANTITY OF TEMPORARY EROSION CONTROL SEEDING HAS BEEN PROVIDED FOR TEMPORARY STABILIZATION. IF TEMPORARY STABILIZATION IS NOT NECESSARY, THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

LEGEND

— REMOVE PERIMETER EROSION BARRIER

☒ INLET FILTER



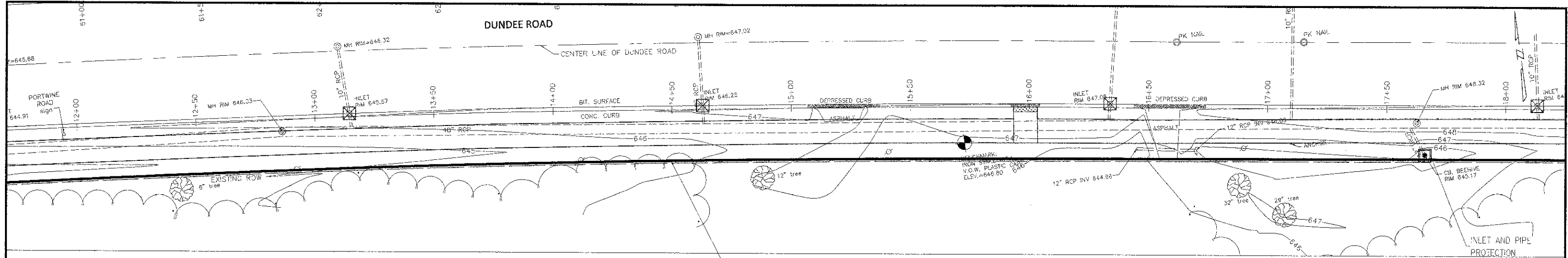
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PLOT DATE:	CHECKED:	REVISED:
	DATE: 1/30/13	REVISED:

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

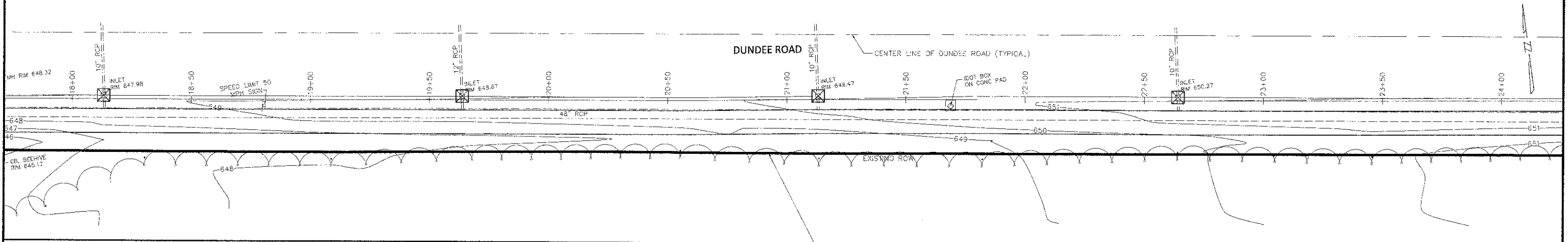
EROSION CONTROL PLAN: SOUTH PARKWAY

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. 0+00 TO STA. 12+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	10-00072-00-BT	COOK	39	14
CONTRACT NO. 63805				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	FAP 343	



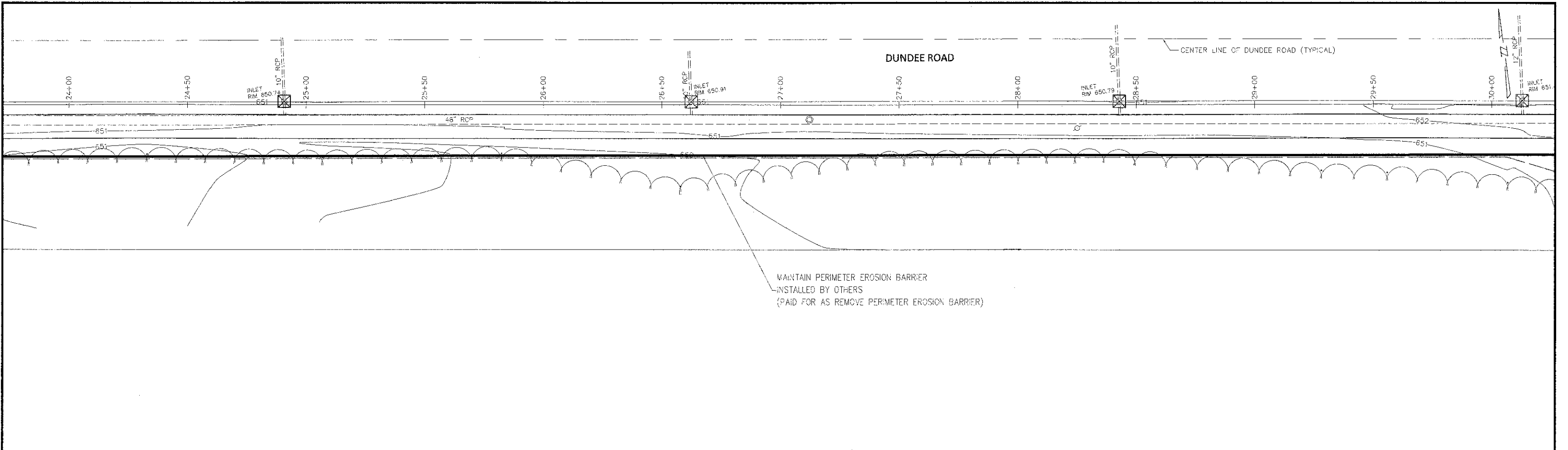
MAINTAIN PERIMETER EROSION BARRIER
 INSTALLED BY OTHERS
 (PAID FOR AS REMOVE PERIMETER EROSION BARRIER)



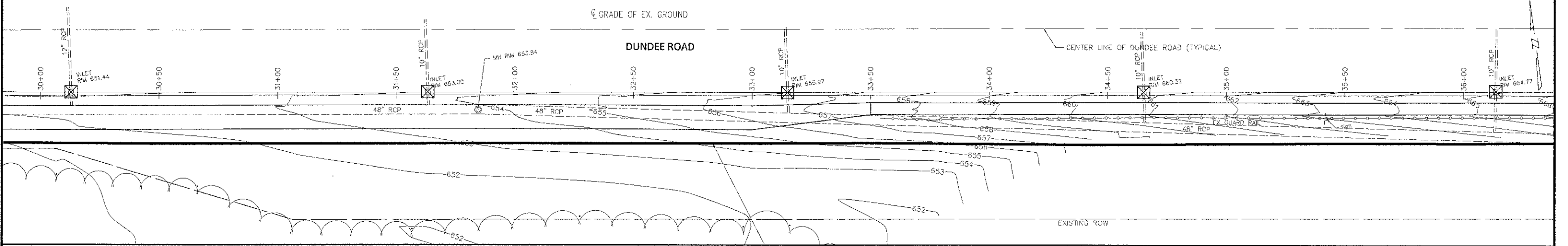
MAINTAIN PERIMETER EROSION BARRIER
 INSTALLED BY OTHERS
 (PAID FOR AS REMOVE PERIMETER EROSION BARRIER)

DATE:	DESIGNED: SW	REVISED:
PLOT SCALE: 1:20'	DRAWN: SW	REVISED:
PLOT DATE:	CHECKED:	REVISED:
	DATE: 1/30/13	REVISED:

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	10-00072-00-BT	COOK	39	15
CONTRACT NO. 63805				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT FAP 343				



MAINTAIN PERIMETER EROSION BARRIER
 (INSTALLED BY OTHERS)
 (PAID FOR AS REMOVE PERIMETER EROSION BARRIER)



MAINTAIN PERIMETER EROSION BARRIER
 (INSTALLED BY OTHERS)
 (PAID FOR AS REMOVE PERIMETER EROSION BARRIER)



DATE:	DESIGNED: SW	REVISED:
PLOT SCALE: 1:20'	DRAWN: MT	REVISED:
PLOT DATE:	CHECKED: JS	REVISED:
	DATE: 1/30/13	REVISED:

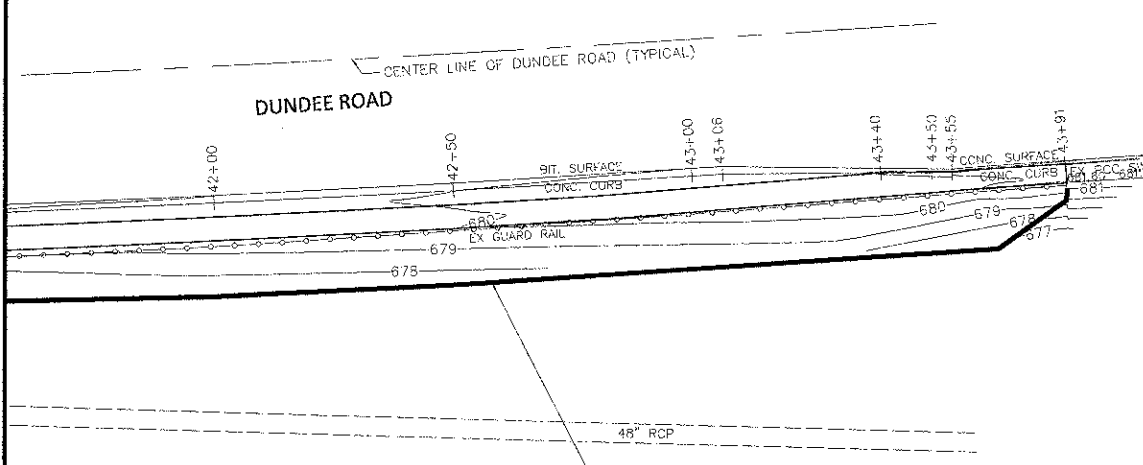
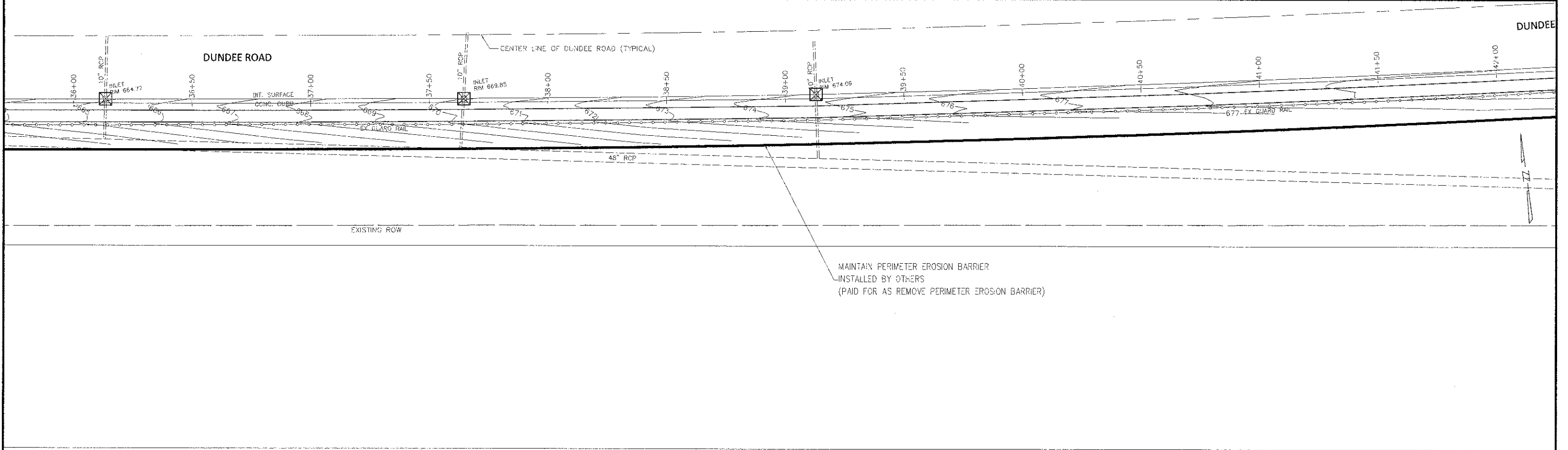
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN: SOUTH PARKWAY

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. 24+00 TO STA. 36+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	10-00072-00-BT	COOK	39	16
CONTRACT NO. 63805				
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		FAP 343

77 W. Hintz Rd, Wheeling, IL 60090 (847) 279-6900



I-294 TOLLWAY

VILLAGE OF WHEELING ILLINOIS
 77 W. Hintz Rd, Wheeling, IL 60090 (847) 279-6900

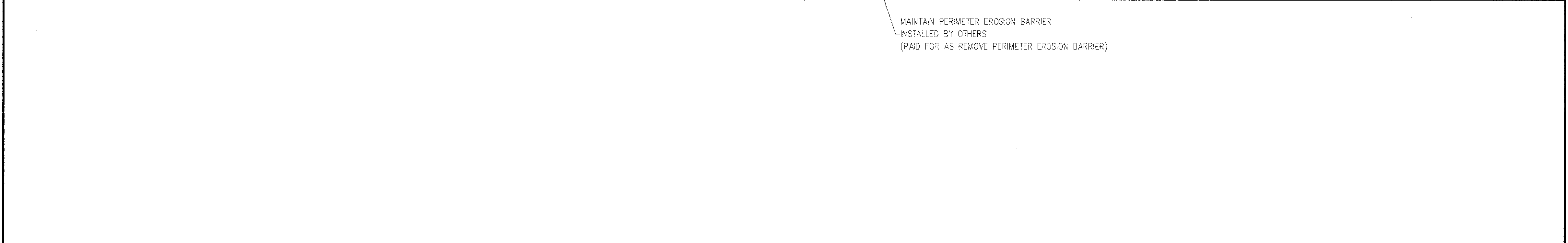
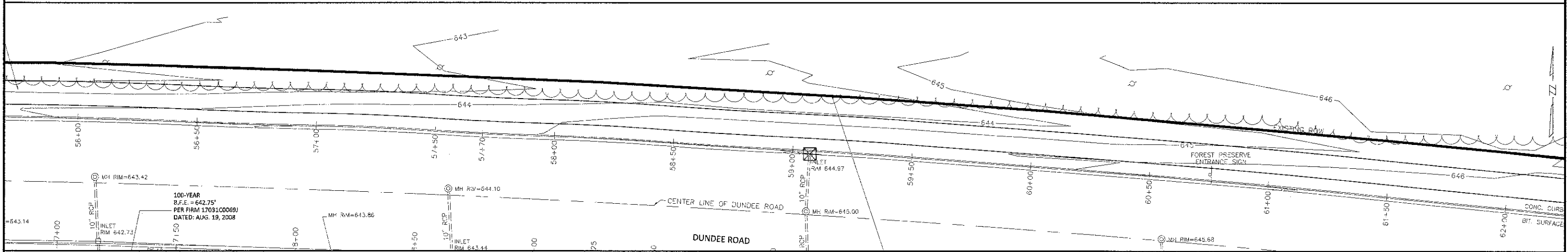
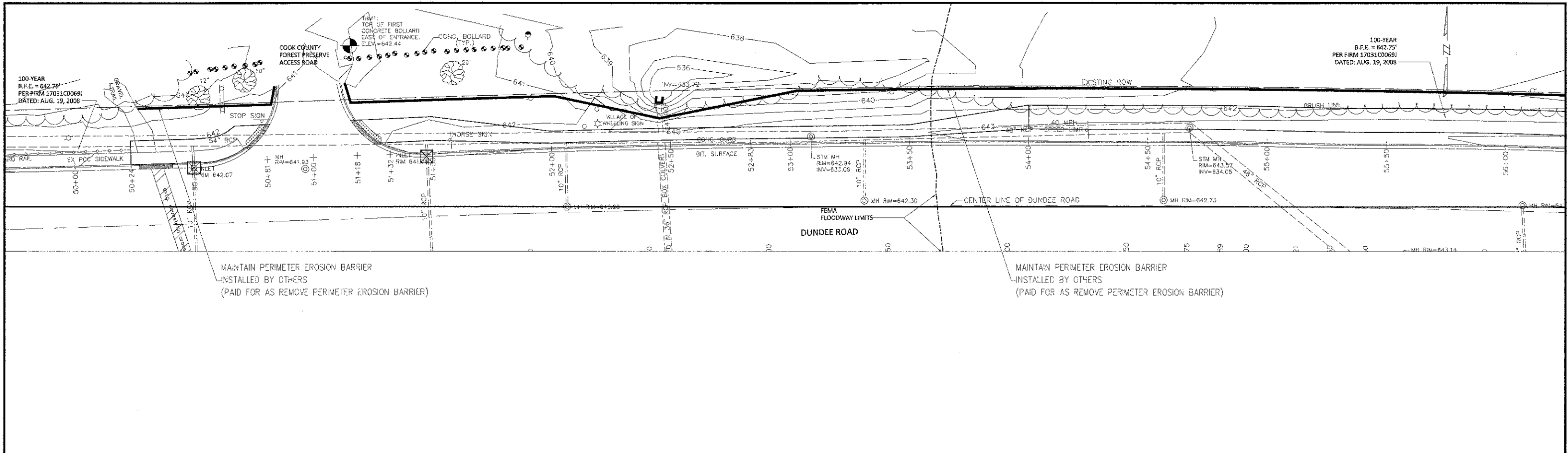
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PLOT SCALE: 1:20'	DRAWN: MT	REVISED:
PLOT DATE:	CHECKED: JS	REVISED:
	DATE: 1/30/13	REVISED:

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL PLAN: SOUTH PARKWAY

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. 36+00 TO STA. 43+91

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	10-00072-00-BT	COOK	39	17
CONTRACT NO. 63805				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	FAP 343	



WHEELING
ILLINOIS
77 W. Hintz Rd, Wheeling, IL 60090 (847) 279-6900

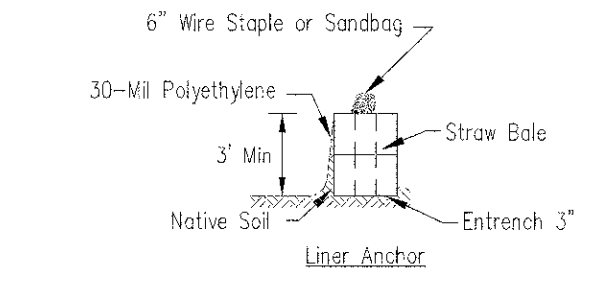
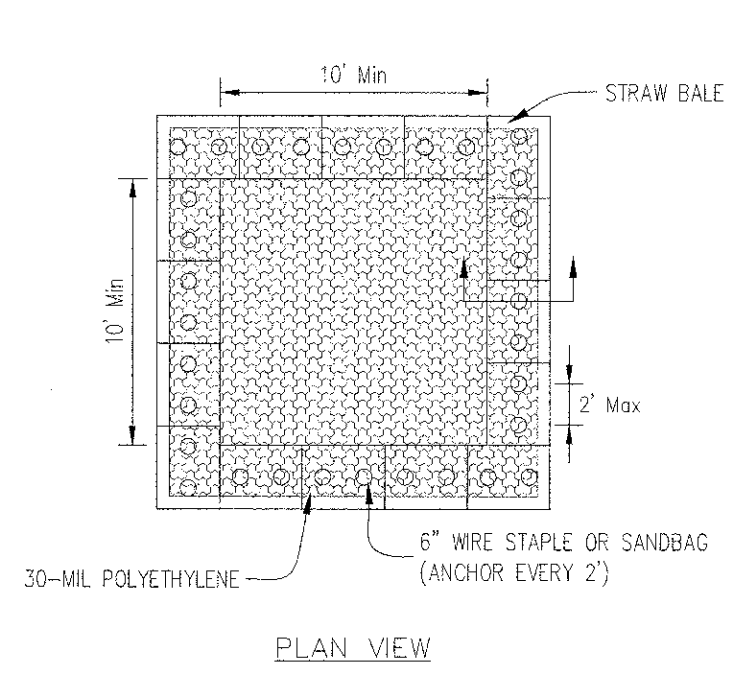
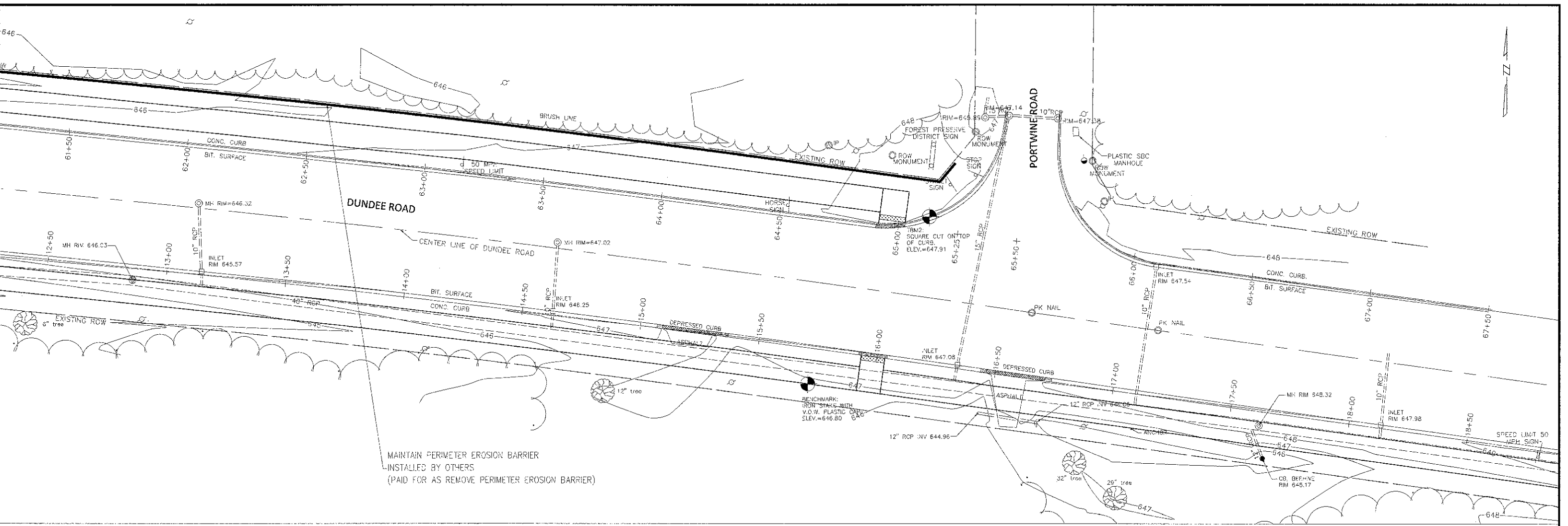
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PLOT SCALE: 1:20'	DRAWN: MT	REVISED:
PLOT DATE:	CHECKED: JS	REVISED:
	DATE: 1/30/13	REVISED:

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN: NORTH PARKWAY

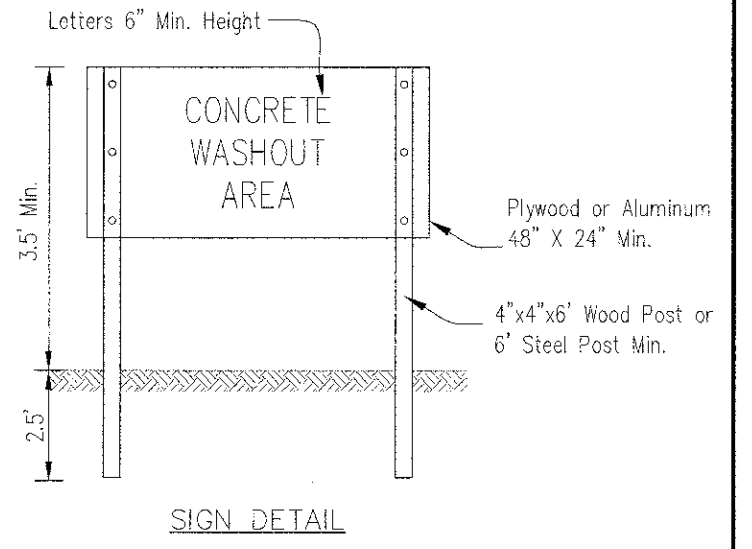
SCALE: 1" = 20' SHEET NO. OF SHEETS STA. 50+00 TO STA. 62+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	10-00072-00-BT	COOK	39	18
CONTRACT NO. 63805				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	FAP 343	



STRAW BALE ANCHOR SECTIONS

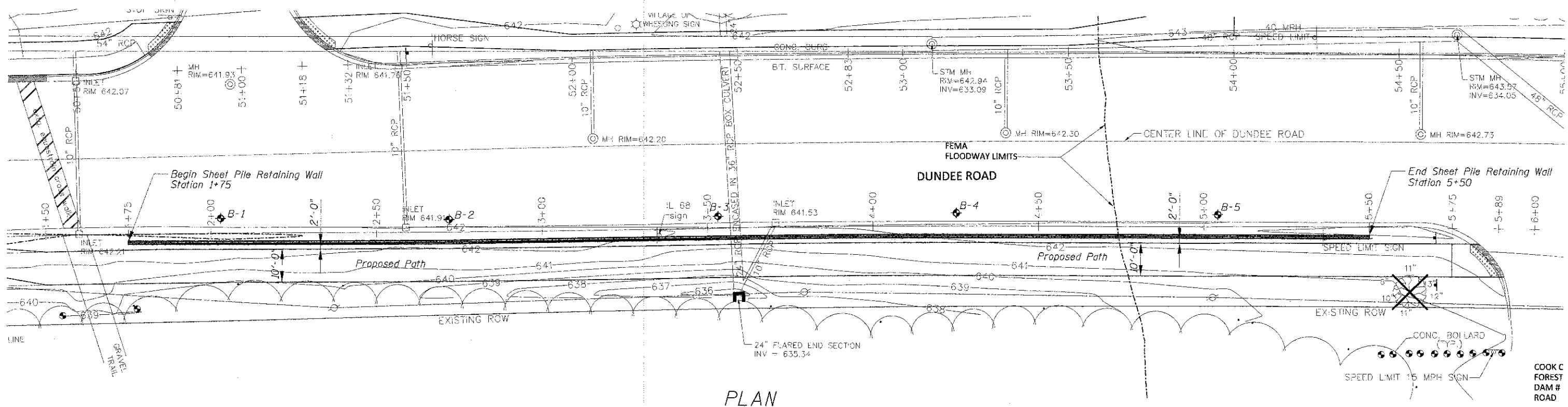
- NOTES:
- Maintaining temporary concrete washout facilities shall include removing and disposing of hardened concrete and/or slurry and returning the facilities to a functional condition.
 - Facility shall be cleaned or reconstructed in a new area once washout becomes two-thirds full.
 - Each straw bale is to be staked in place using (2) 2"x2"x4' wooden stakes.



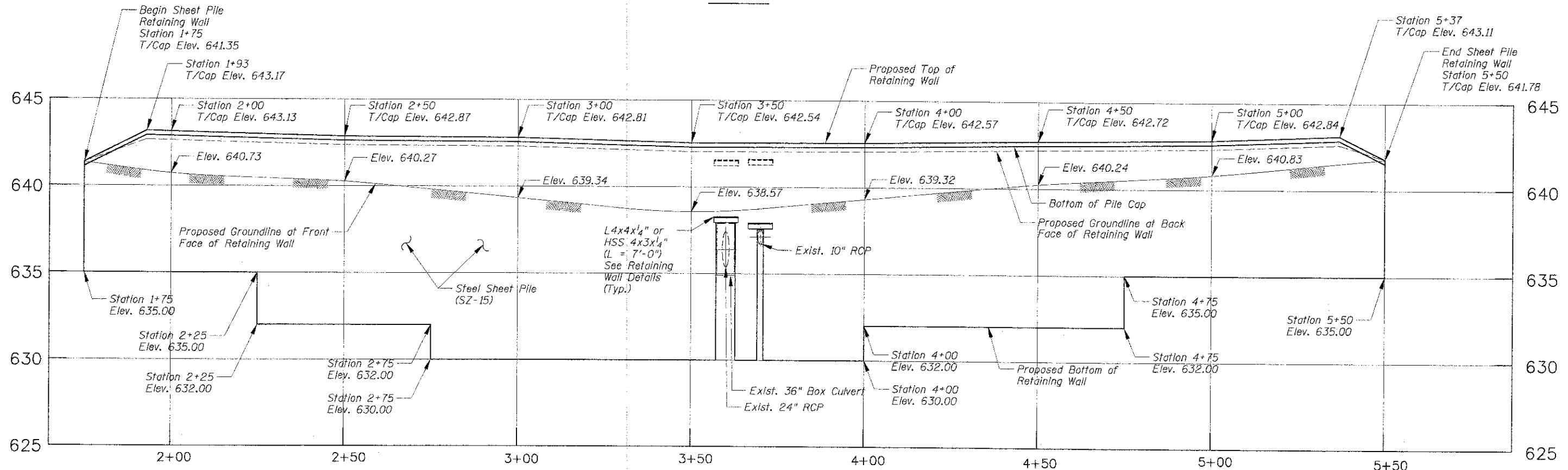
CONCRETE WASHOUT FACILITY
(PAID FOR AS WASHOUT BASIN)

DATE:	DESIGNED: SW	REVISED:
PLOT SCALE: 1:20'	DRAWN: MT	REVISED:
PLOT DATE:	CHECKED: JS	REVISED:
	DATE: 1/30/13	REVISED:

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	10-00072-00-BT	COOK	39	19
CONTRACT NO. 63805				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT FAP 343				



PLAN



ELEVATION

Benchmark: Top of First Concrete Bollard East of Forest Preserve Entrance. Elev. 642.44



Majid Mobasseri 2/1/2013
MAJID MOBASSERI

ILLINOIS REGISTRATION No. 081-005058 STRUCTURAL ENGINEER
 EXPIRATION DATE: 11/30/14



DATE:	DESIGNED: MM	REVISED:
PLOT SCALE:	DRAWN: JMB	REVISED:
PLOT DATE:	CHECKED: WJS	REVISED:
	DATE: 1/30/13	REVISED:

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

RETAINING WALL PLAN AND PROFILE			
SCALE: H:1"=30', V:1"=6'	SHEET NO. OF SHEETS STA. TO STA.	F.A.P. RTE. 343	SECTION 10-00072-00-BT

COUNTY	TOTAL SHEETS	SHEET NO.
COOK	39	20
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT FAP 343		

GENERAL STRUCTURAL NOTES

- ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT) STANDARD SPECIFICATIONS, FOR ROAD AND BRIDGE CONSTRUCTION, CONSTRUCTION PLANS AND SUBSEQUENT DETAILS ARE ALL TO BE CONSIDERED AS PART OF THE CONTRACT. INCIDENTAL ITEMS OR ACCESSORIES NECESSARY TO COMPLETE THIS WORK MAY NOT BE SPECIFICALLY NOTED BUT ARE CONSIDERED A PART OF THIS CONTRACT.
- THE ENGINEER WILL NOT ASSUME ANY OF THE RESPONSIBILITIES OF THE CONTRACTORS. ADDITIONALLY THE ENGINEER WILL NOT ADVISE, OR ISSUE DIRECTIONS CONCERNING ANY ASPECTS OF CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES OR SAFETY PRECAUTIONS AND/OR PROGRAMS IN CONNECTION WITH WORK.
- PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AFFECTING THE WORK WITH THE ACTUAL CONDITIONS. IF THERE ARE DISCREPANCIES BETWEEN THE JOB SITE AND WHAT IS SHOWN ON THE CONSTRUCTION PLANS, HE MUST IMMEDIATELY REPORT TO ENGINEER BEFORE DOING ANY WORK, OTHERWISE THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY. IN THE EVENT OF DISAGREEMENT BETWEEN THE PLANS AND EXISTING CONDITIONS AND/OR DETAILS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTION FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSIONS OR DISCREPANCIES. IN FAILING TO SECURE SUCH INSTRUCTION, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS OWN RISK AND EXPENSE. IN THE EVENT OF ANY DOUBT OR QUESTIONS ARISING WITH RESPECT TO THE TRUE MEANING OF THE CONSTRUCTION PLANS OR SPECIFICATIONS, THE DECISION OF THE ENGINEER SHALL BE FINAL AND CONCLUSIVE.
- THE EXCAVATION AND WORK AREA SHALL BE PROPERLY DRAINED AT ALL TIMES DURING CONSTRUCTION.
- THE CONTRACTOR SHALL VERIFY ALL TOPOGRAPHIC INFORMATION AND GRADE ELEVATIONS ADJACENT TO THE WALLS PRIOR TO PROCEEDING AND INFORM ENGINEER OF ANY VARIATION.

CONSTRUCTION

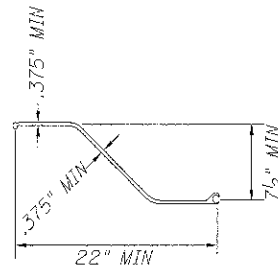
- ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT) STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2012, AND LATEST SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, UNLESS NOTED OTHERWISE.
- DO NOT SCALE DIMENSIONS FOR CONSTRUCTION. SCALE, IF SHOWN, APPLIES ONLY TO FULL SIZE DRAWINGS.
- ANY INFORMATION CONCERNING TYPE OR LOCATION OF UNDERGROUND AND OTHER UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATIONS AS TO THE TYPE AND LOCATION OF THE UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO. CONTRACTOR SHALL CALL J.U.L.I.E. AND THE CITY OF NAPERVILLE 2 WORKING DAYS PRIOR TO EXCAVATION.
- SHOP, WORKING OR LAYOUT DRAWINGS PERTAINING TO THE CONSTRUCTION OF THE WORK, AS MAY BE REQUIRED, SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO THE START OF CONSTRUCTION.
- UPON COMPLETION, THE CONTRACTOR SHALL COLLECT AND REMOVE ALL CONSTRUCTION DEBRIS AND EXCESS MATERIAL FROM THE SITE. DAMAGED TREES, SHRUBS, AND OTHER LANDSCAPE FEATURES RESULTING FROM CONSTRUCTION ACTIVITIES SHALL BE REPLACED OR REPAIRED.

FOUNDATION NOTES

- FOR BORING LOCATIONS, LOGS AND FOUNDATION REPORT, SEE SOIL REPORT PREPARED BY TESTING SERVICE CORPORATION (TSC) REPORT NO. L-78,238, DATED JULY 24, 2012.

**DESIGN STRESSES
FIELD UNITS**

Fy = 38,500 psi (Permanent Steel Sheet Piling)
Fy = 36,000 psi (Channel Cap, Angle Brace)
Fy = 46,000 psi (Tube Brace)

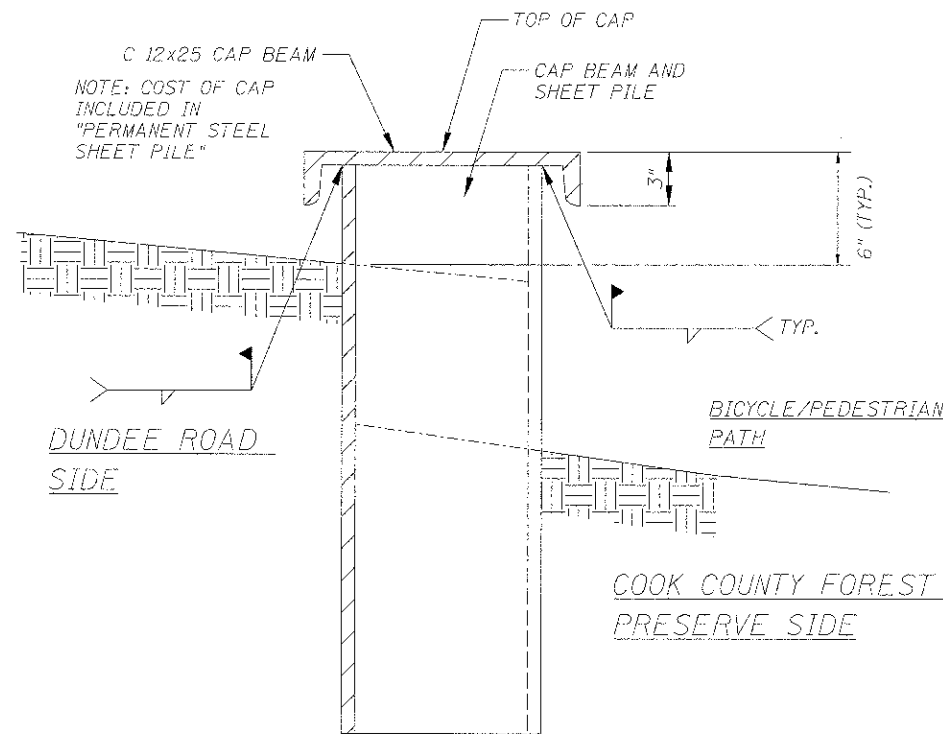


MINIMUM SZ 15 SECTION PROPERTIES

SECTIONAL AREA - 4.75 SQ. IN. / WALL FT
MOMENT OF INERTIA, IX-X - 41.7 IN⁴/ WALL FT
ELASTIC SECTION MODULUS, SX-X - 10.9 IN³/ WALL FT
EFFECTIVE SECTION MODULUS - 6.6 IN³/ WALL FT

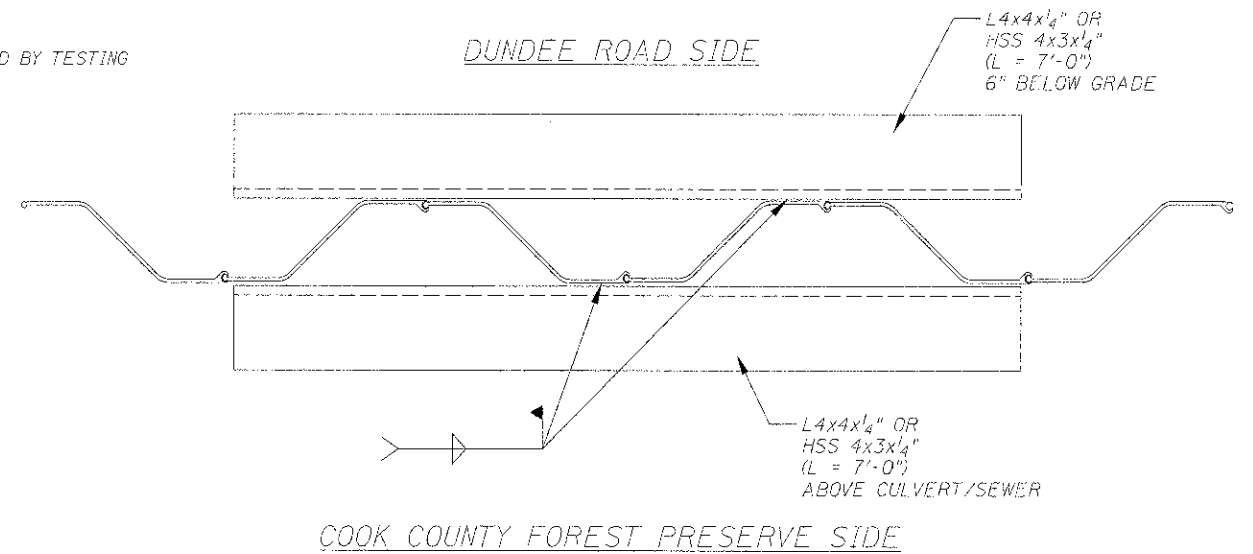
NOTE:

1.) THE CONTRACTOR SHALL BE ALLOWED TO SUBSTITUTE A SHEET PILE SECTION THAT MEETS OR EXCEEDS THE "EFFECTIVE SECTION MODULUS" OF 6.6 CUBIC INCHES PER FOOT. SEE SPECIAL PROVISION "PERMANENT STEEL SHEET PILING".



TYPICAL WALL SECTION

SCALE: NOT TO SCALE



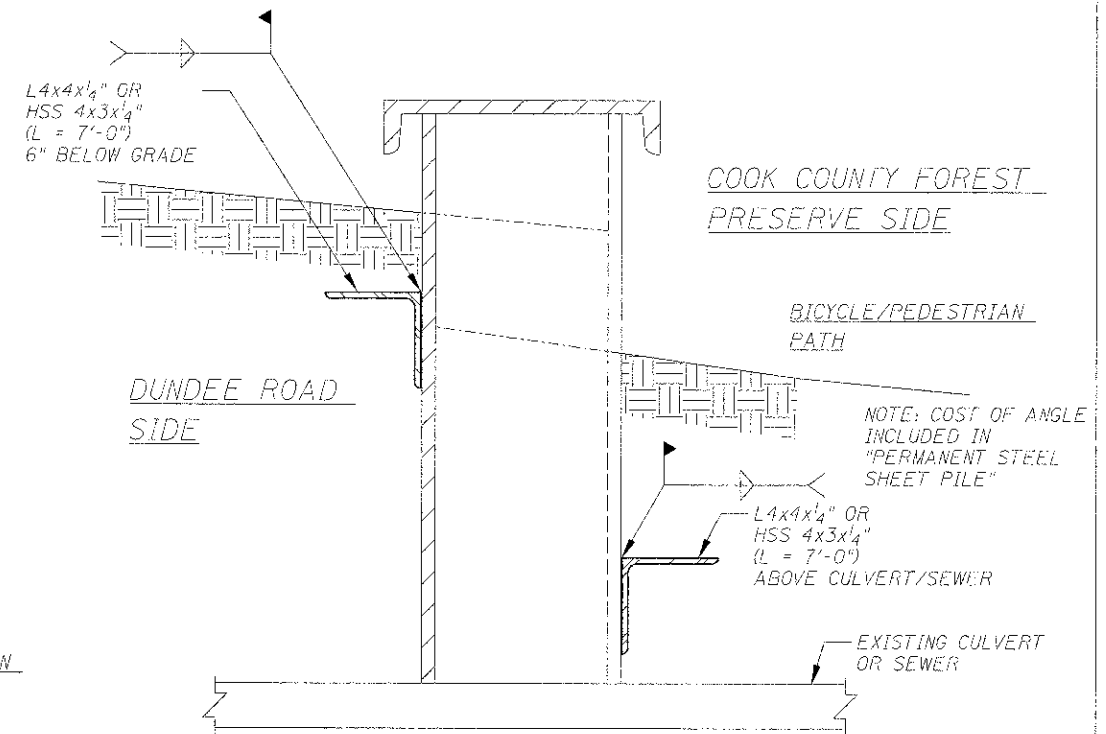
CAP BEAM - PLAN VIEW

SCALE: NOT TO SCALE

NOTES:

- CAP BEAM TO BE INSTALLED IN 20' LENGTHS.
- LEAVE 1/4" GAP BETWEEN ADJACENT LENGTHS OF CAP BEAM.
- SEE WALL ELEVATION FOR TOP AND BOTTOM OF WALL ELEVATIONS.

PLAN AT 36" BOX CULVERT AND 10" RCP SEWER



SECTION AT 36" BOX CULVERT AND 10" RCP SEWER

NOTES:

- THE LOCATIONS OF THE 36" BOX CULVERT AND THE 10" RCP SEWER ARE APPROXIMATE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATIONS OF THE UTILITIES PRIOR TO DRIVING SHEET PILING.
- ANY DAMAGE CAUSED TO THESE UTILITIES DURING CONSTRUCTION SHALL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR.



DATE:	DESIGNED: MM	REVISED:
	DRAWN: JMB	REVISED:
PLOT SCALE:	CHECKED: WJS	REVISED:
PLOT DATE:	DATE: 1/30/13	REVISED:

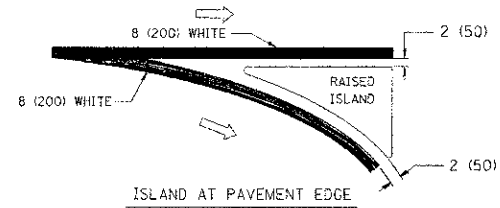
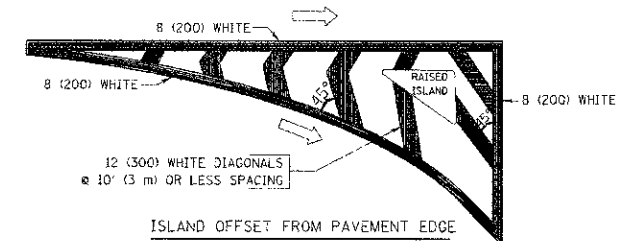
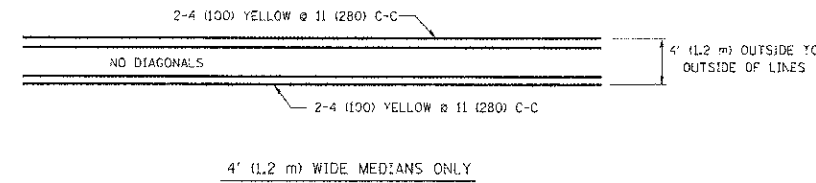
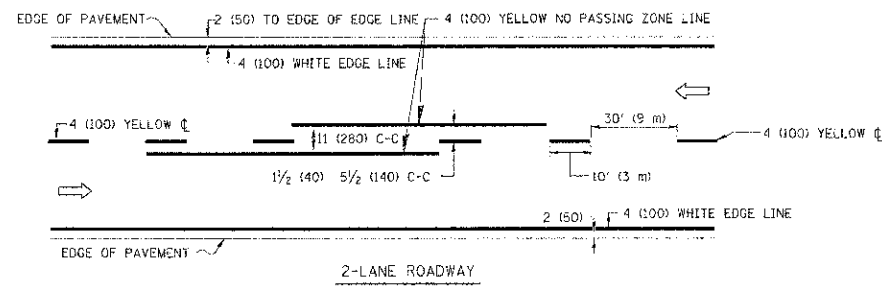
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RETAINING WALL DETAILS

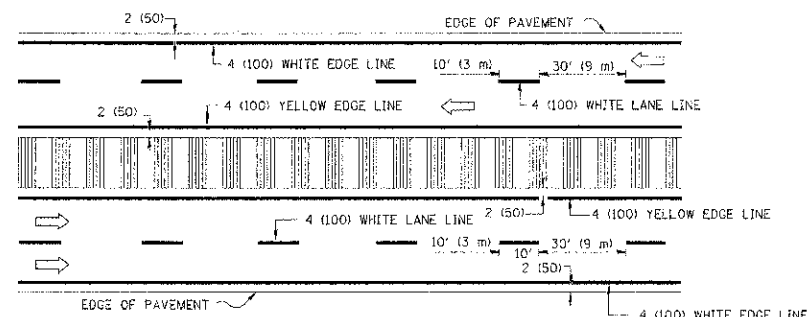
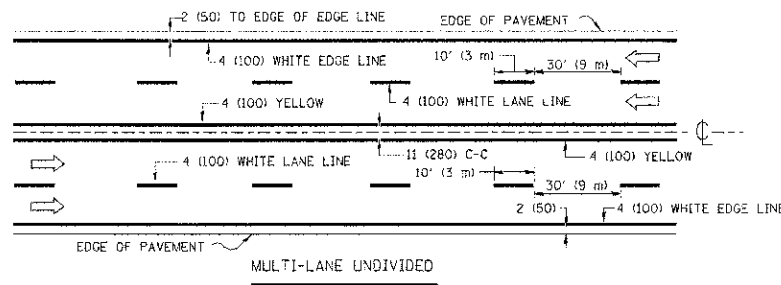
SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	10-00072-00-BT	COOK	39	21

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT FAP 343

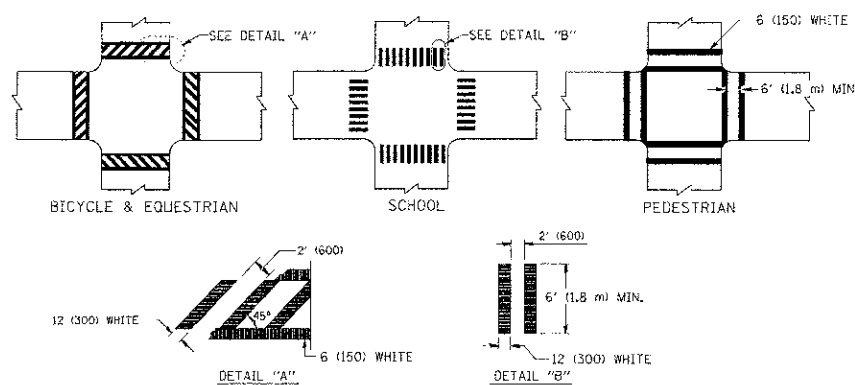


TYPICAL ISLAND MARKING

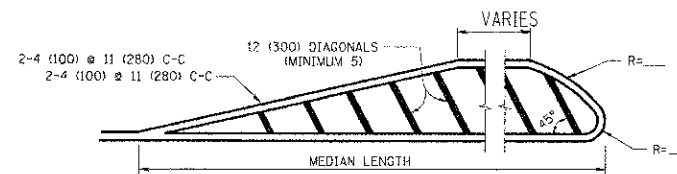


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING



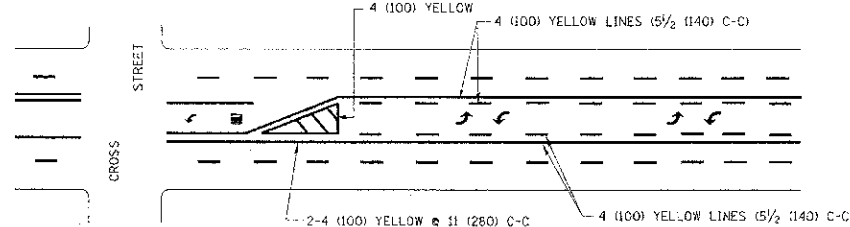
TYPICAL CROSSWALK MARKING



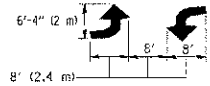
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

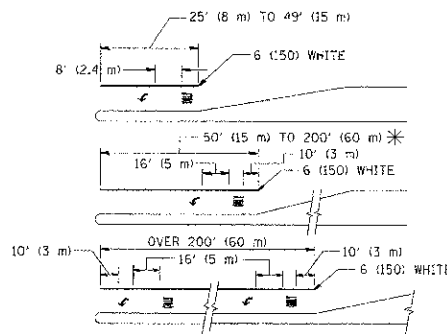


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING



FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLED	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4 m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4 m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

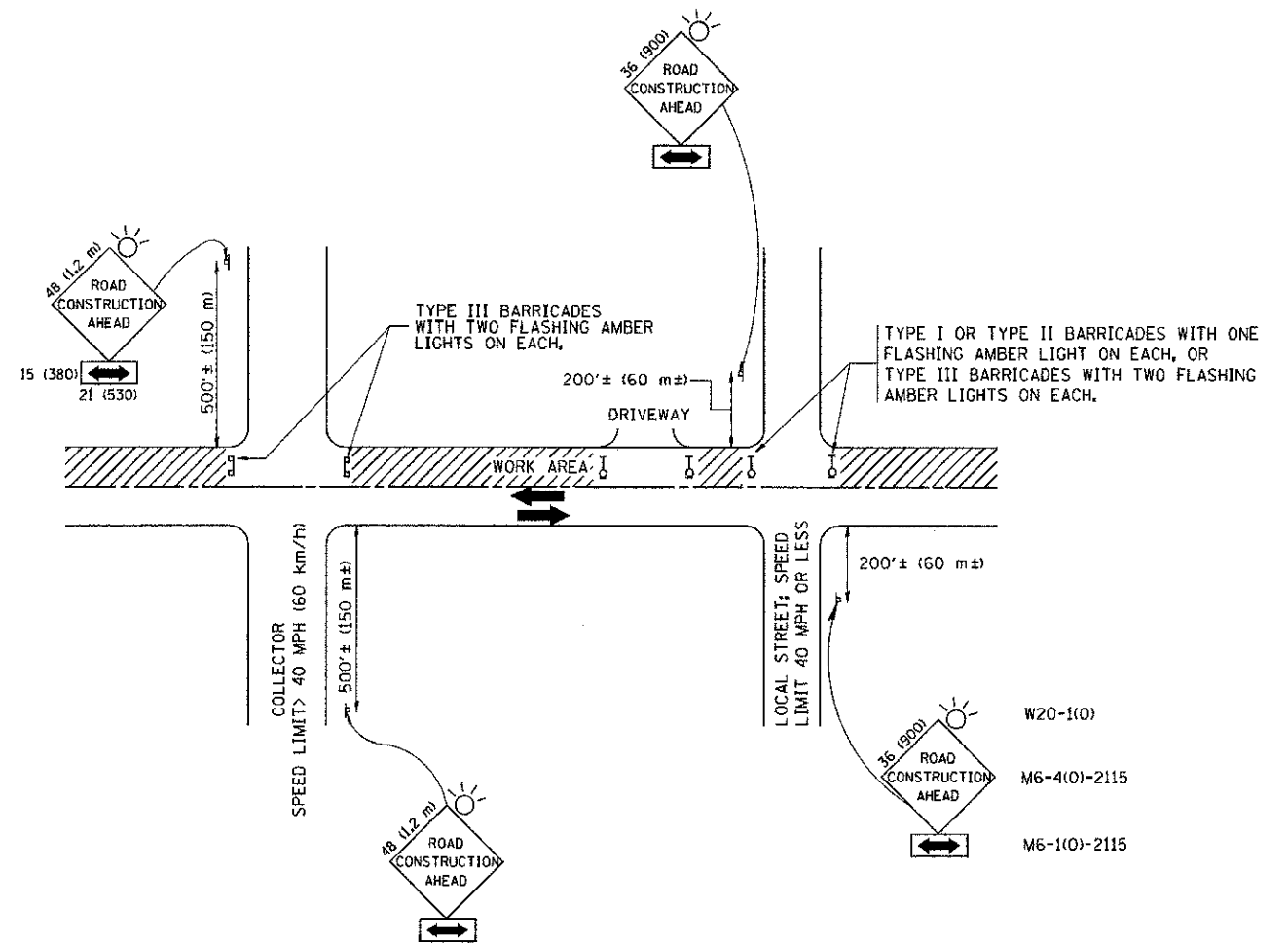
FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

FILE NAME =	USER NAME = a-lvaksog	DESIGNED = EVERS	REVISED = T. RAMMACHER 10-27-94
ci:\work\pav\pav\l-vaksog\dr\28315\sc	3.dgn	DRAWN =	REVISED = C. JUCCIUS 09-09-09
	PLOT SCALE = 50.000 / 1 IN.	CHECKED =	REVISED =
	PLOT DATE = 9/29/2009	DATE = 03-19-90	REVISED =

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TYPICAL PAVEMENT MARKINGS		343	10-00072-00-BT	COOK	39	22
SCALE: NONE		SHEET NO. 1 OF 1 SHEETS		STA.	TO STA.	
		TC-13		CONTRACT NO. 63805		
		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.

C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.

D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

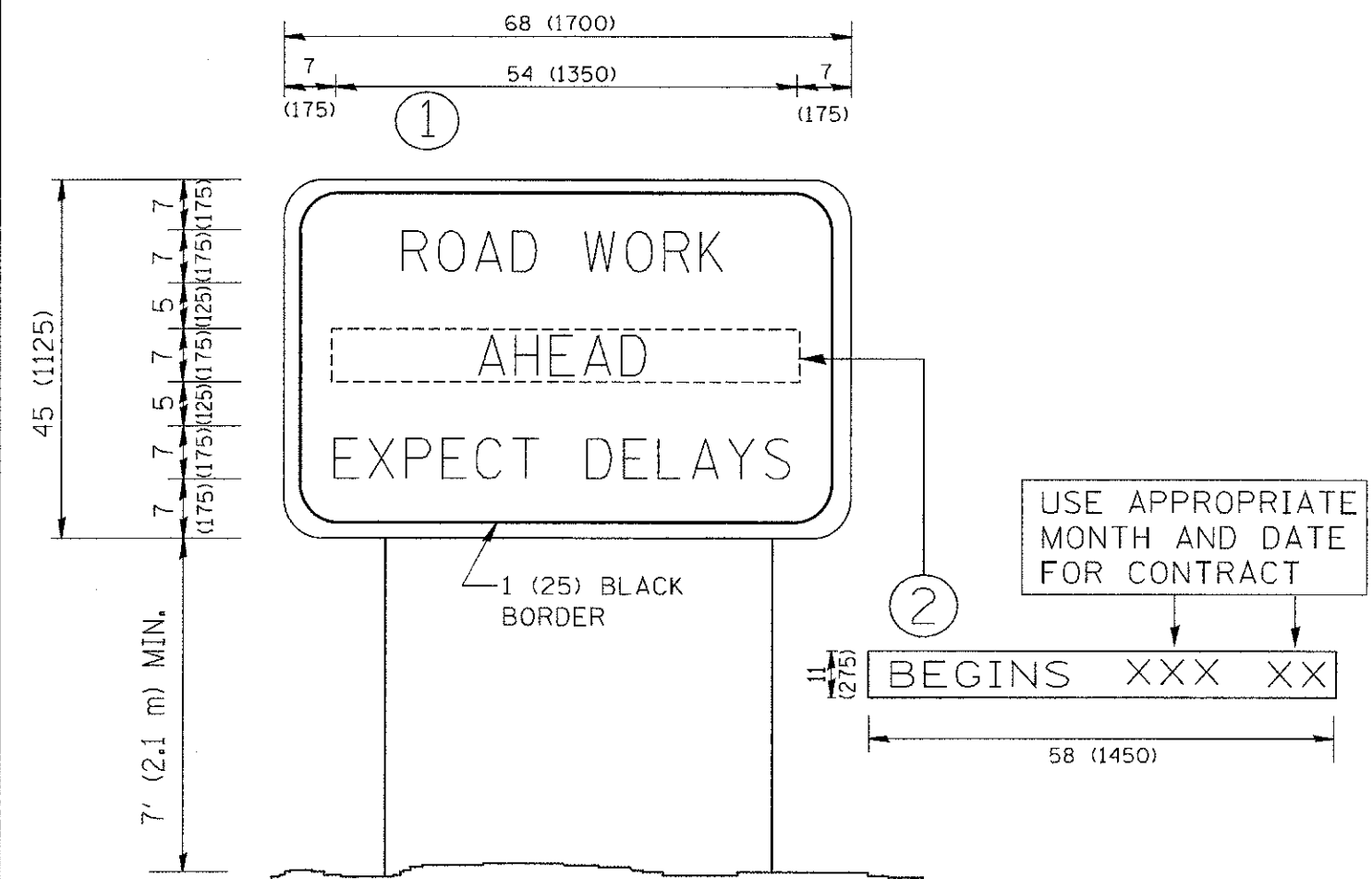
All dimensions are in millimeters (inches) unless otherwise shown.

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		DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 50,000 1/4 IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 1/4/2008	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	10-00072-00-BT	COOK	39	23
TC-10			CONTRACT NO. 63805	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

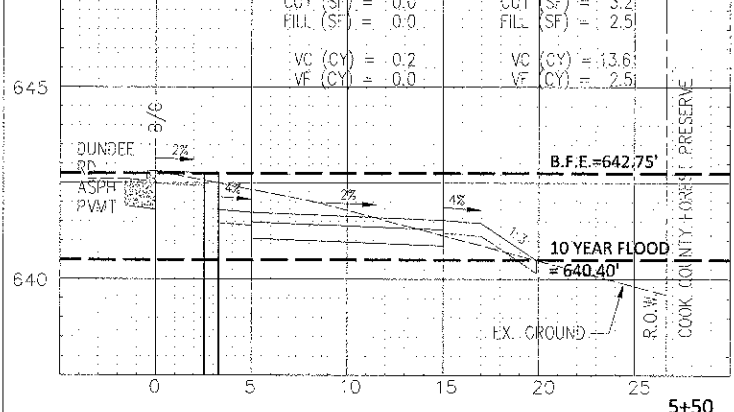
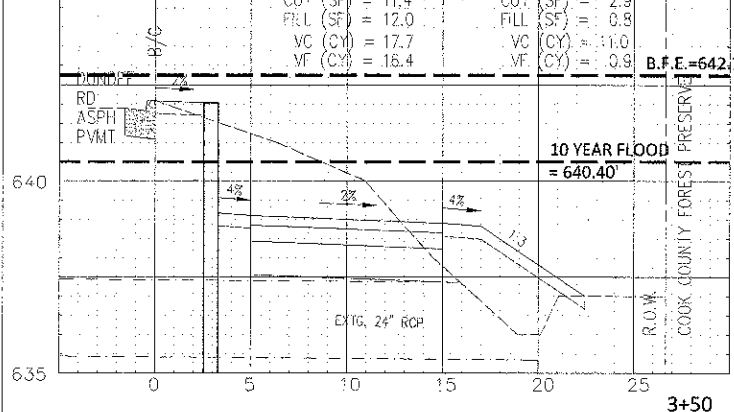
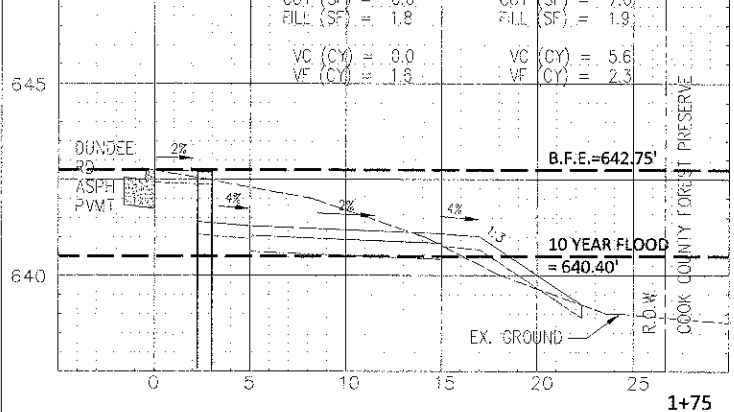
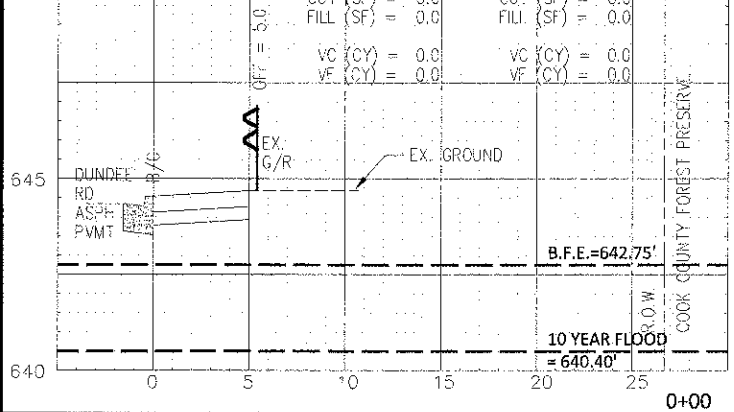
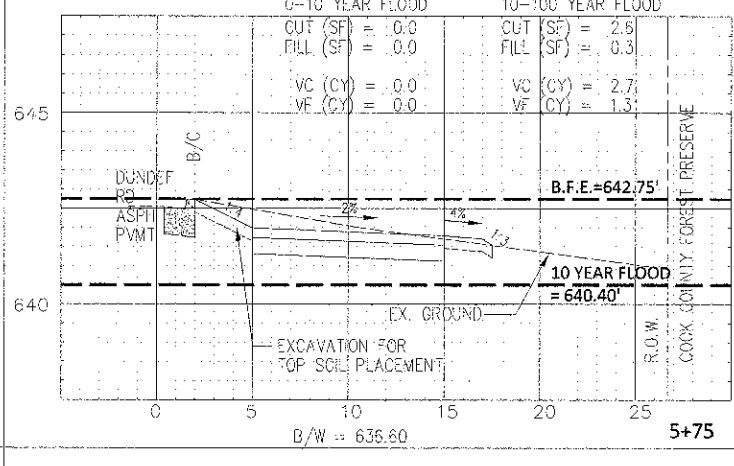
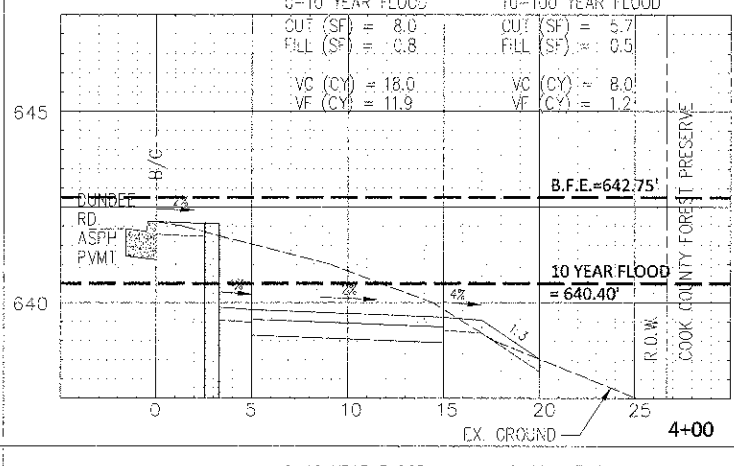
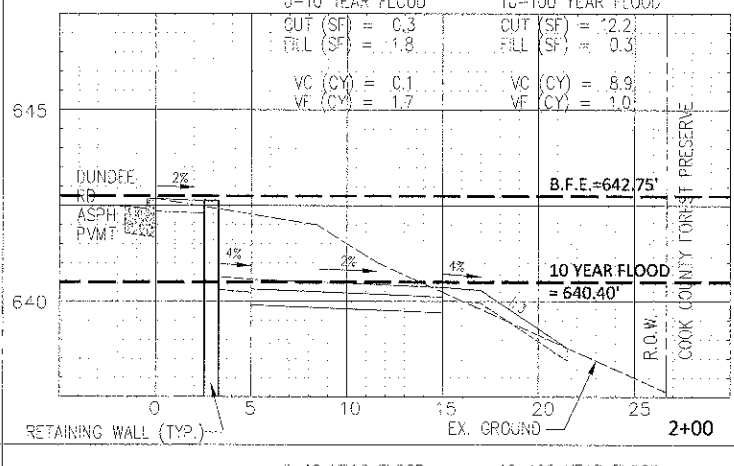
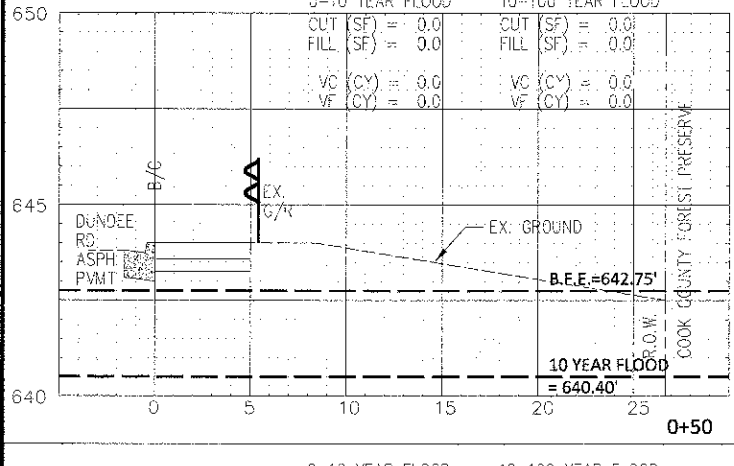
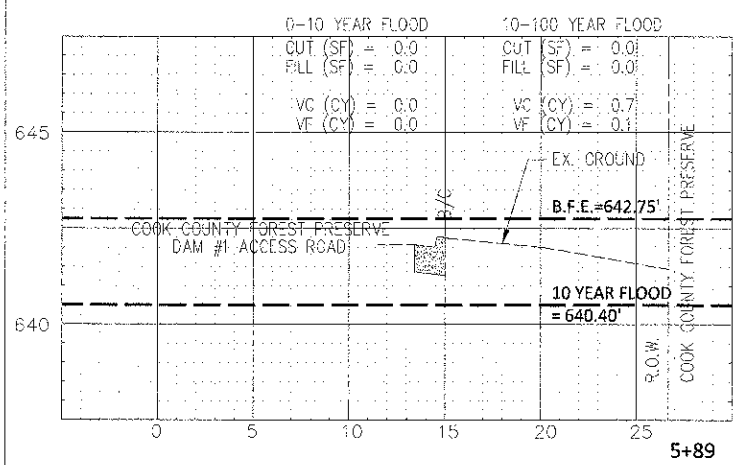
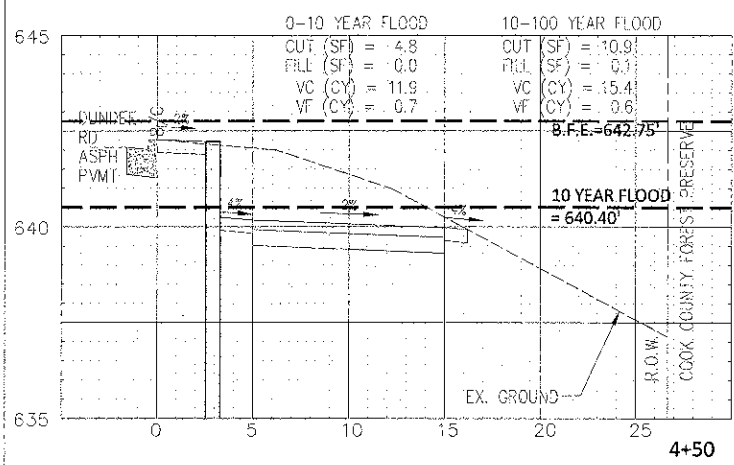
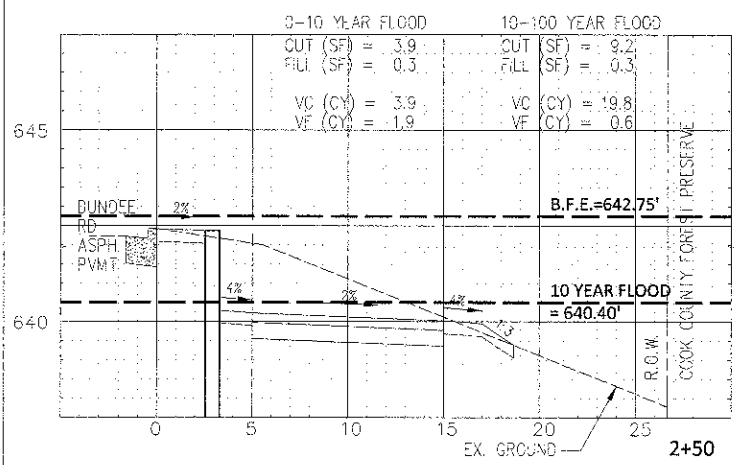
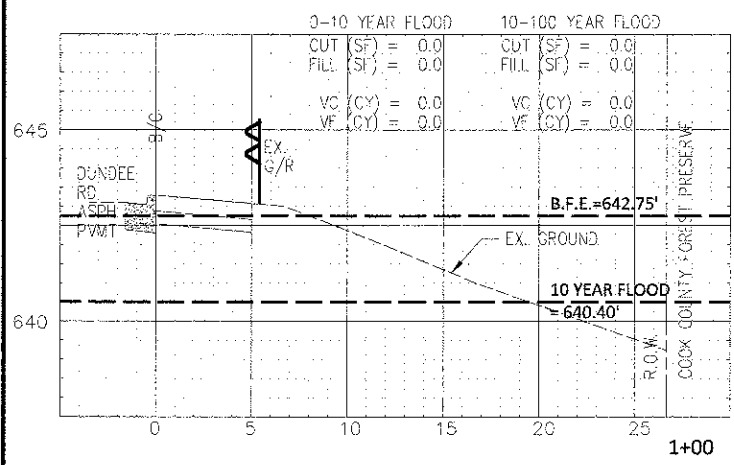
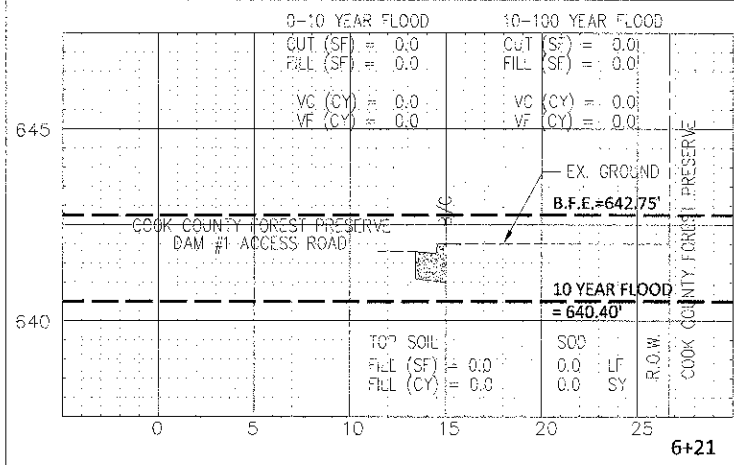
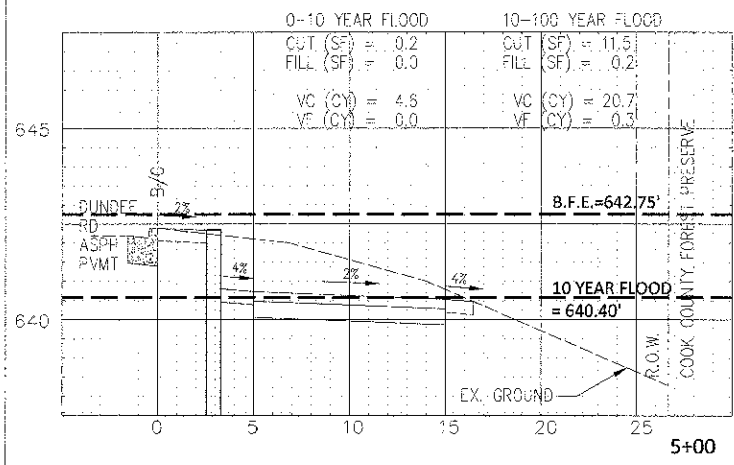
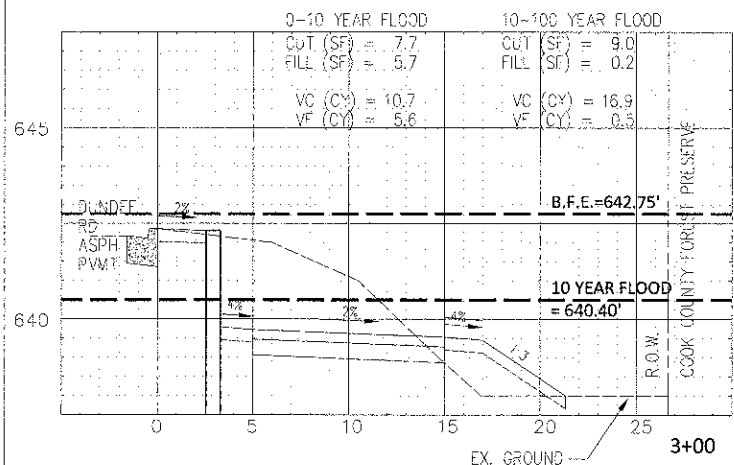
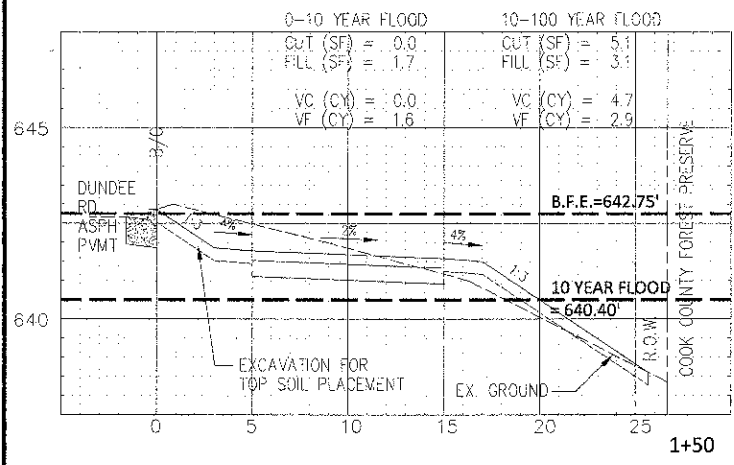


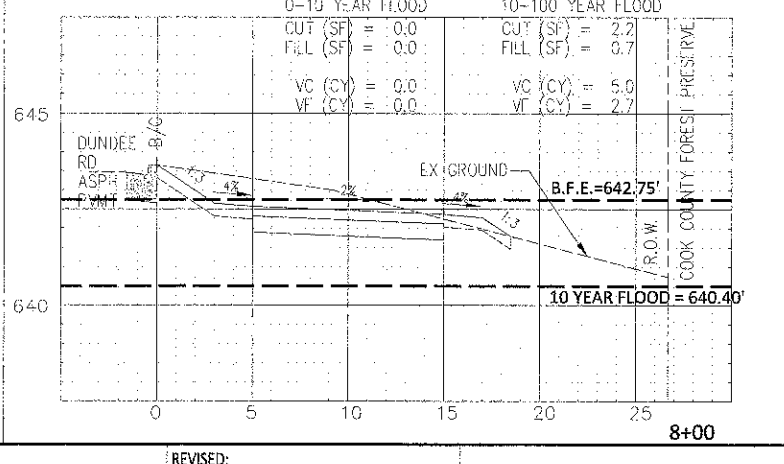
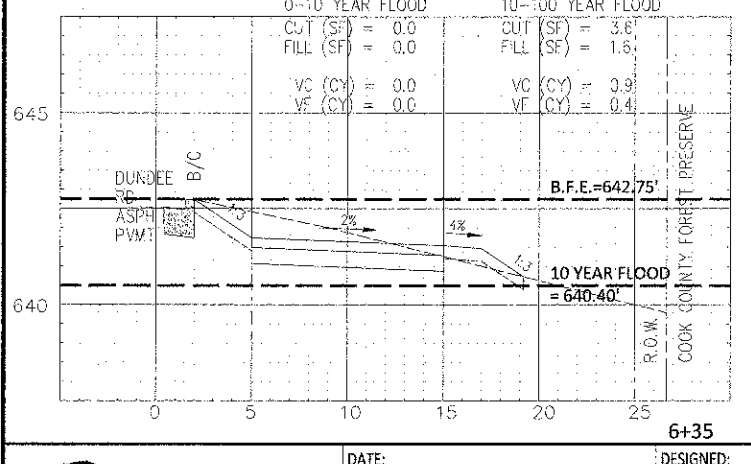
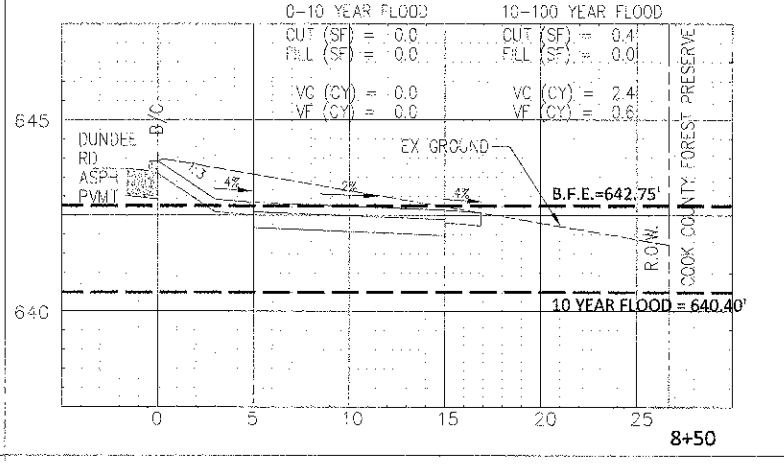
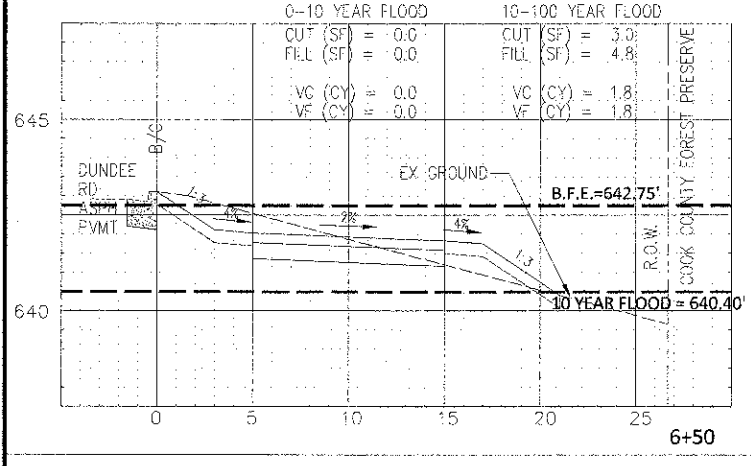
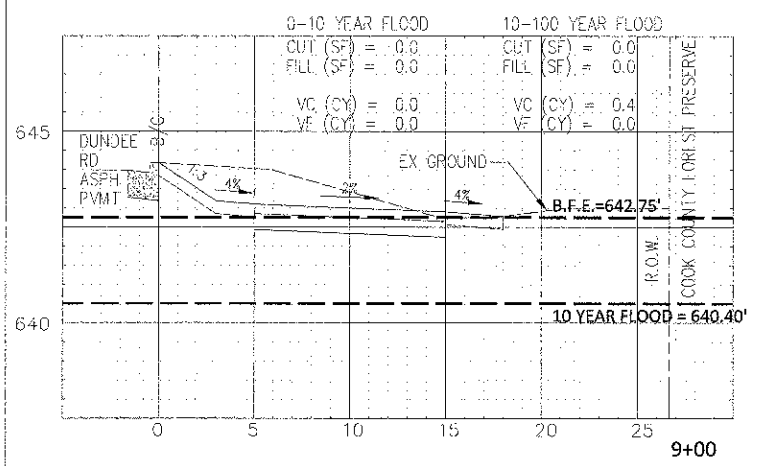
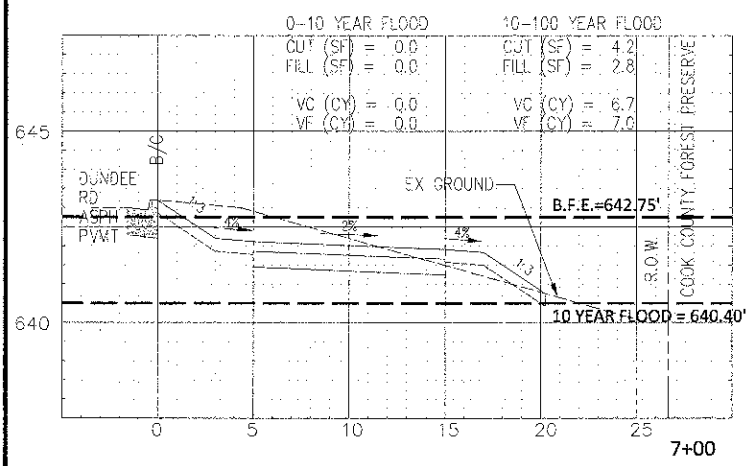
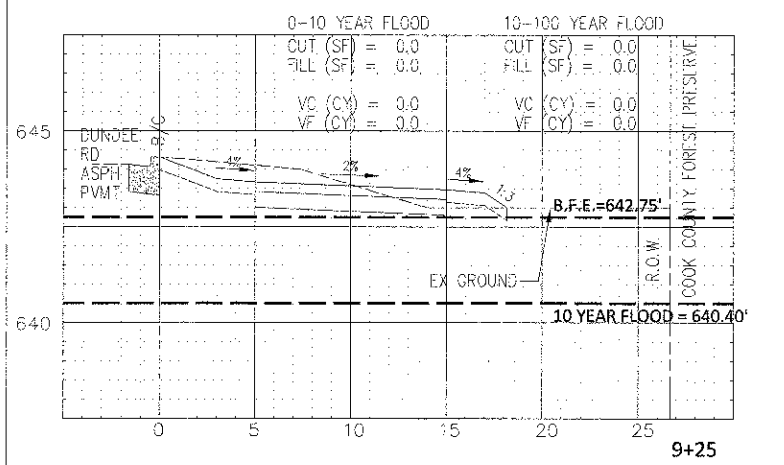
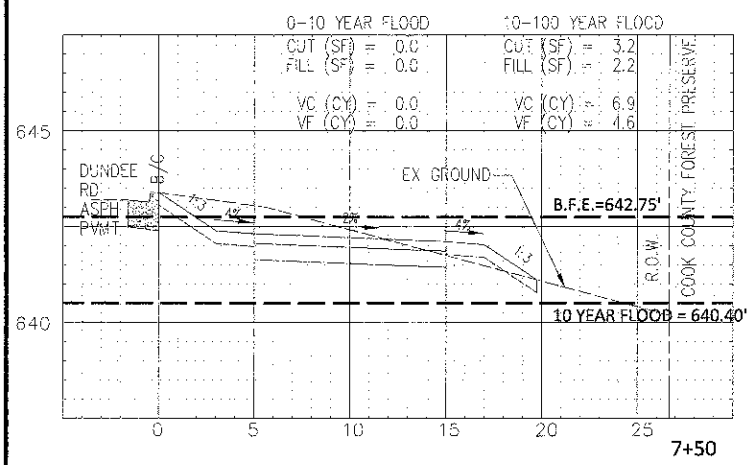
NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = w:\diststd\22x34\to22.dgn	USER NAME = goglianob	DESIGNED -	REVISED - R. MIRS 09-15-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARTERIAL ROAD INFORMATION SIGN			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50,000 / IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99					343	10-00072-00-BT	COOK	39	24
	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07					TC-22		CONTRACT NO. 63805		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT
				SCALE: NONE			SHEET NO. 1 OF 1 SHEETS		STA. TO STA.			





STATION	0-10 YEAR FLOOD					10-100 YEAR FLOOD				
	CUT (SF)	CUT (CY)	FILL (SF)	FILL (CY)	1.5*FILL (CY)	CUT (SF)	CUT (CY)	FILL (SF)	FILL (CY)	1.5*FILL (CY)
0+00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0+50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1+00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1+50	0.0	0.0	1.7	1.6	2.4	5.1	5.6	3.1	2.3	3.5
1+75	0.0	0.1	1.8	1.7	2.6	7.0	8.9	1.9	1.0	1.5
2+00	0.3	3.9	1.8	1.9	2.9	12.2	19.8	0.3	0.6	0.9
2+50	3.9	10.7	0.3	5.6	8.4	9.2	16.9	0.3	0.5	0.8
3+00	7.7	17.7	5.7	16.4	24.6	9.0	11.0	0.2	0.9	1.4
3+50	11.4	18.0	12.0	11.9	17.9	2.9	8.0	0.8	1.2	1.5
4+00	8.0	11.9	0.8	0.7	1.1	5.7	15.4	0.5	0.6	0.9
4+50	4.8	4.6	0.0	0.0	0.0	10.9	20.7	0.1	0.3	0.5
5+00	0.2	0.2	0.0	0.0	0.0	11.5	13.6	0.2	2.5	3.8
5+50	0.0	0.0	0.0	0.0	0.0	3.2	2.7	2.5	1.3	2.0
5+75	0.0	0.0	0.0	0.0	0.0	2.6	0.7	0.3	0.1	0.2
5+89	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6+21	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.4	0.6
6+35	0.0	0.0	0.0	0.0	0.0	3.6	1.8	1.6	1.8	2.7
6+50	0.0	0.0	0.0	0.0	0.0	3.0	6.7	4.8	7.0	10.5
7+00	0.0	0.0	0.0	0.0	0.0	4.2	6.9	2.8	4.8	6.9
7+50	0.0	0.0	0.0	0.0	0.0	3.2	5.0	2.2	2.7	4.1
8+00	0.0	0.0	0.0	0.0	0.0	2.2	2.4	0.7	0.6	0.9
8+50	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.0	0.0	0.0
9+00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9+25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL		67.1 CY		62.1 CY		152.1 CY		47.0 CY		

THEREFORE 67.1 CY > 62.1 CY.
 THE 0 - 10 YEAR FLOOD EVENT COMPENSATORY STORAGE VOLUME REQUIREMENT HAS BEEN MET FOR THE SOUTH PARKWAY.

THEREFORE 152.1 CY >> 47.0 CY.
 THE 10- 100 YEAR FLOOD EVENT COMPENSATORY STORAGE VOLUME REQUIREMENT HAS BEEN MET FOR THE SOUTH PARKWAY.



DATE: DESIGNED: SW REVISIONS:
 DRAWN: MT REVISIONS:
 CHECKED: REVISIONS:
 DATE: 1/30/13 REVISIONS:

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

COMPENSATORY STORAGE CROSS SECTIONS: SOUTH PARKWAY

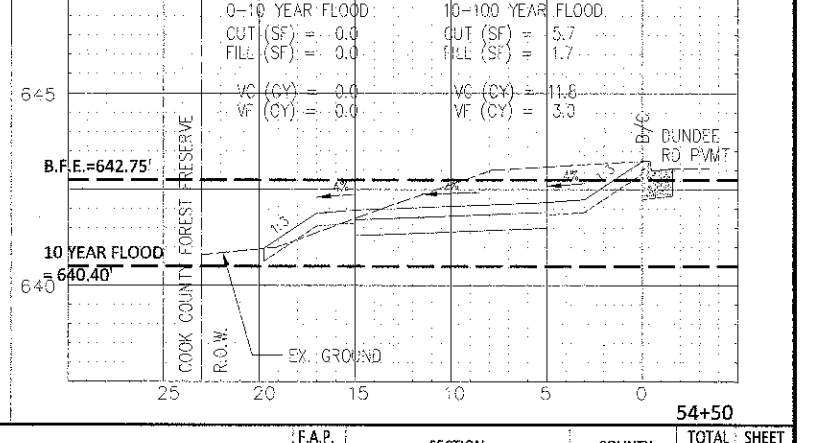
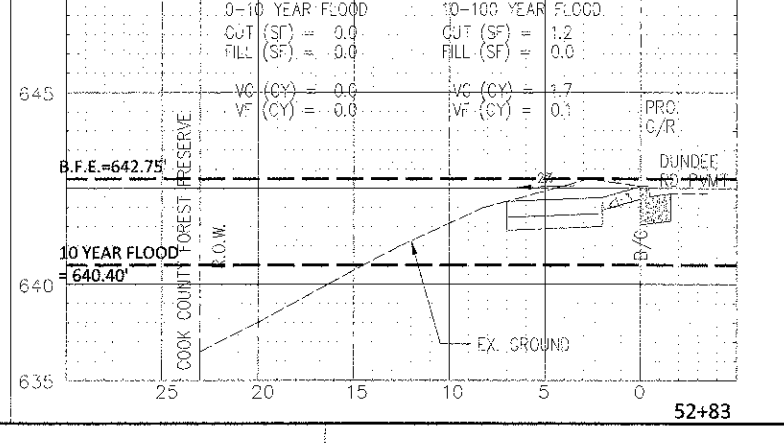
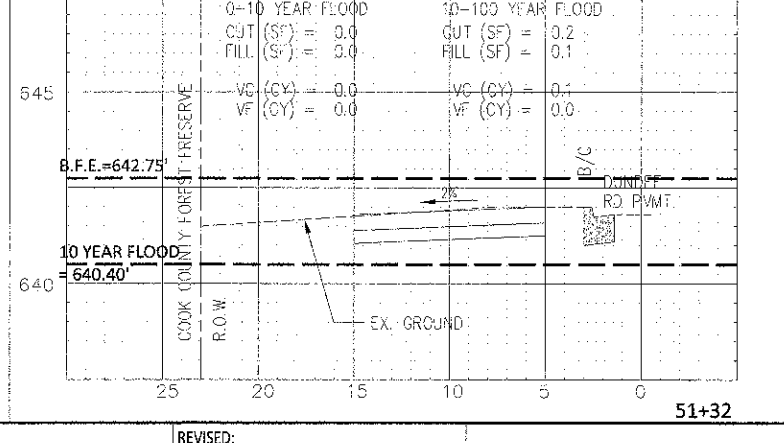
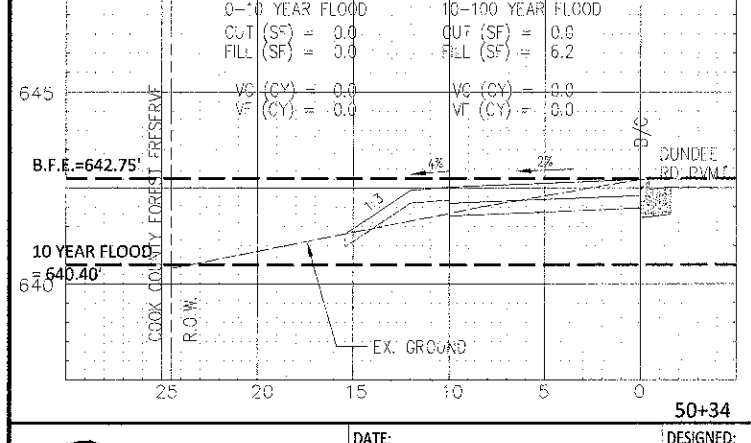
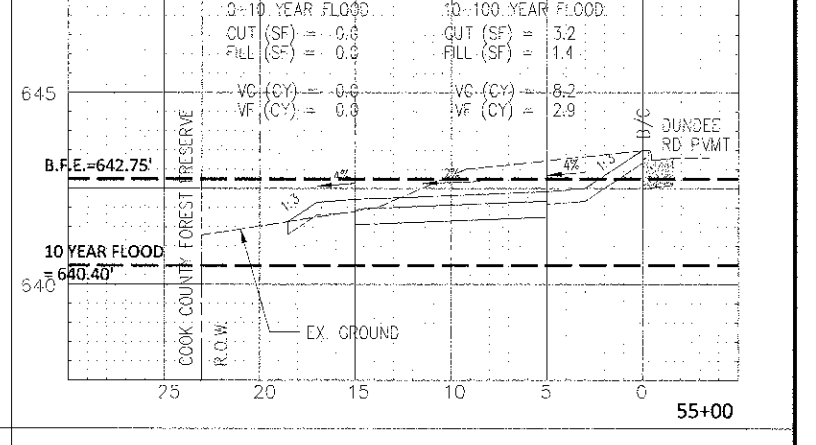
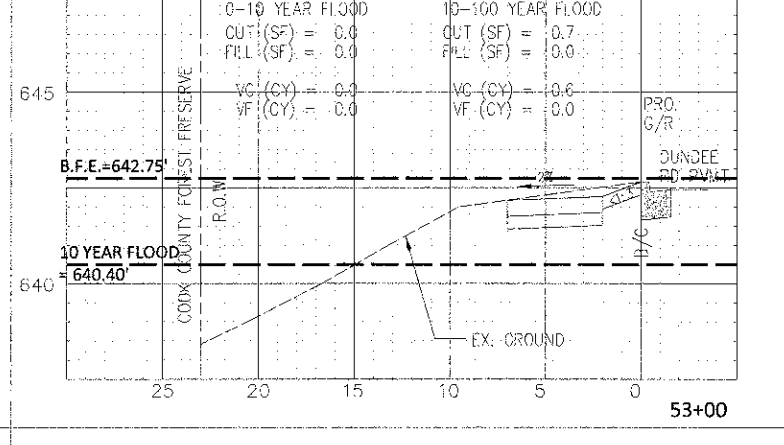
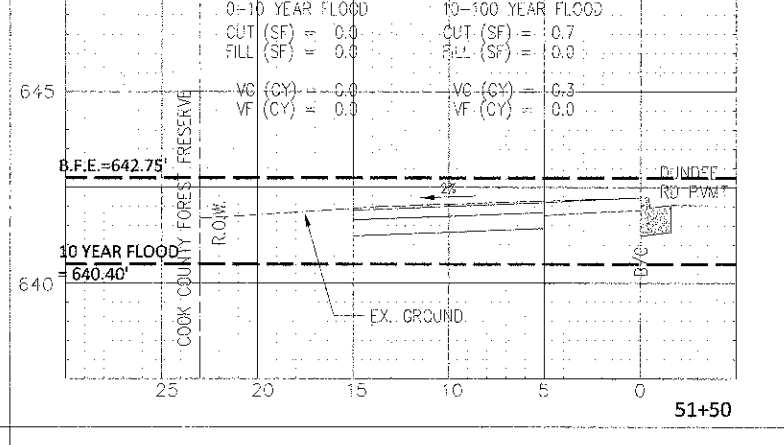
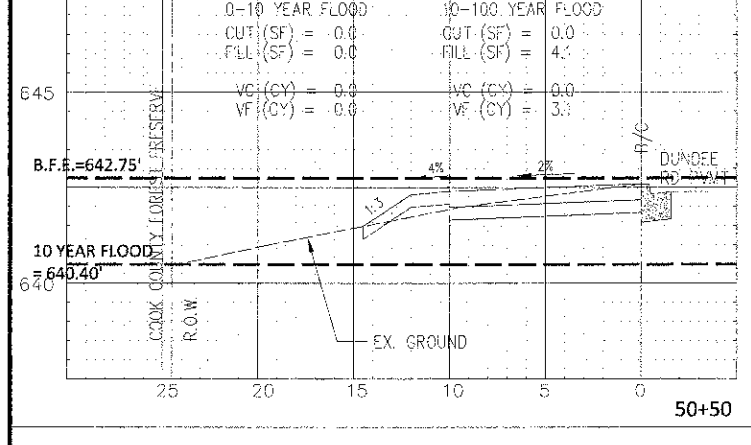
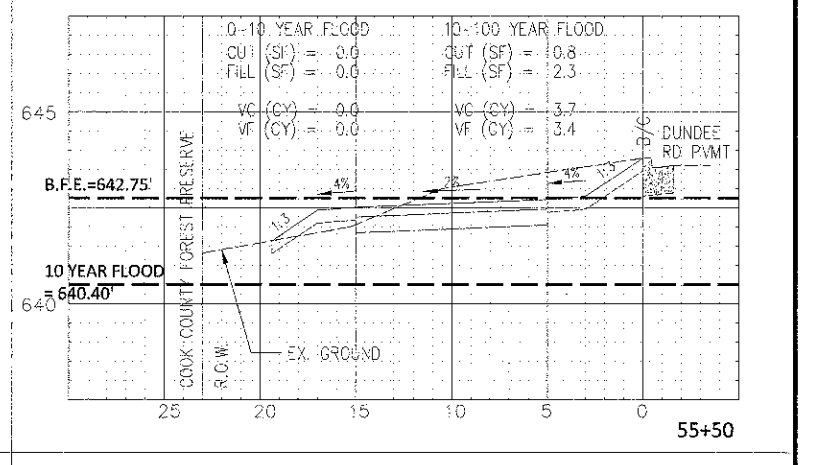
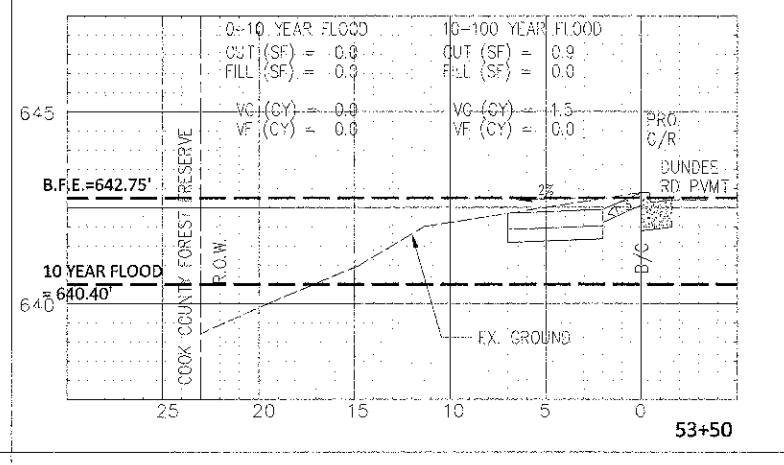
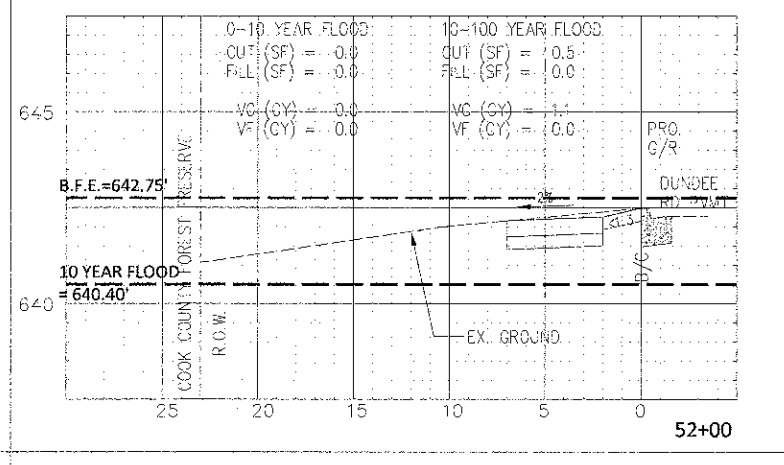
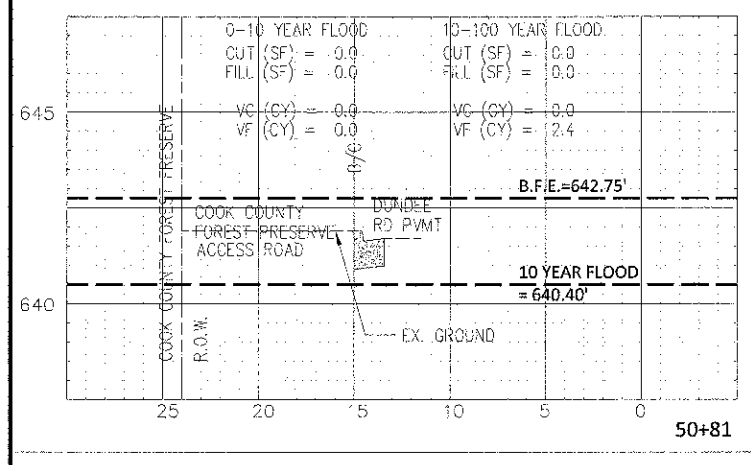
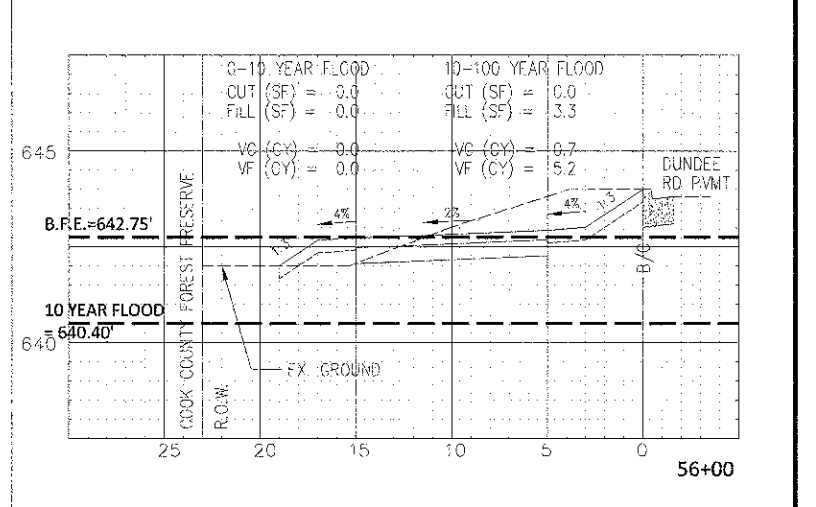
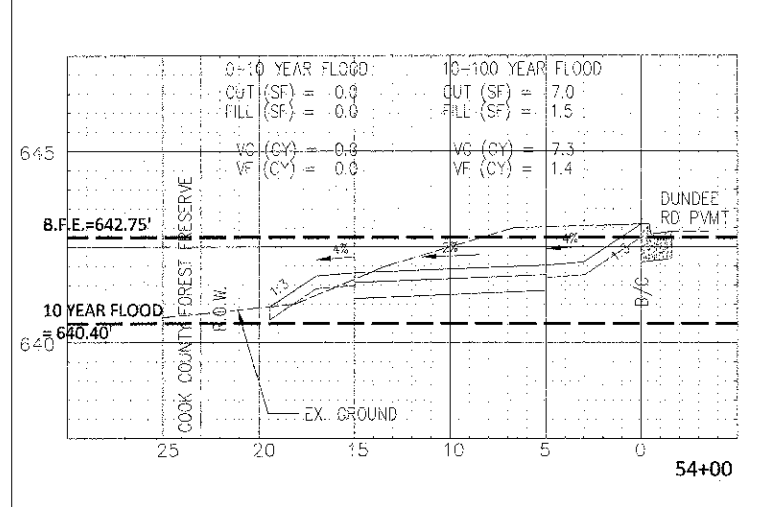
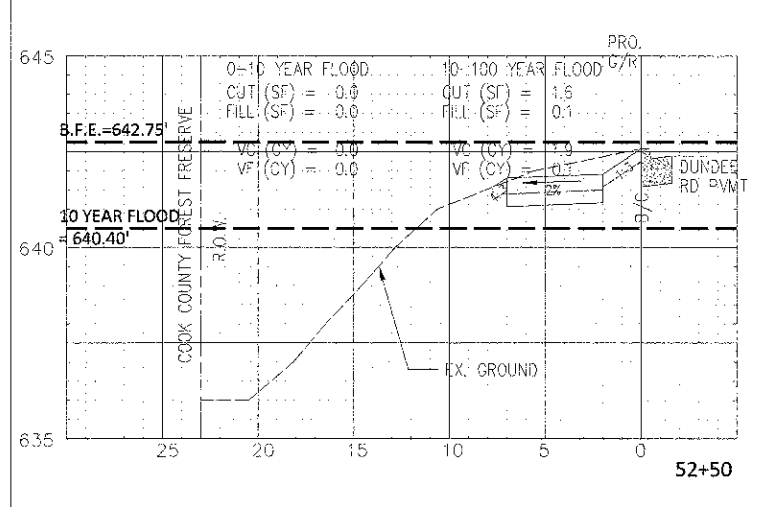
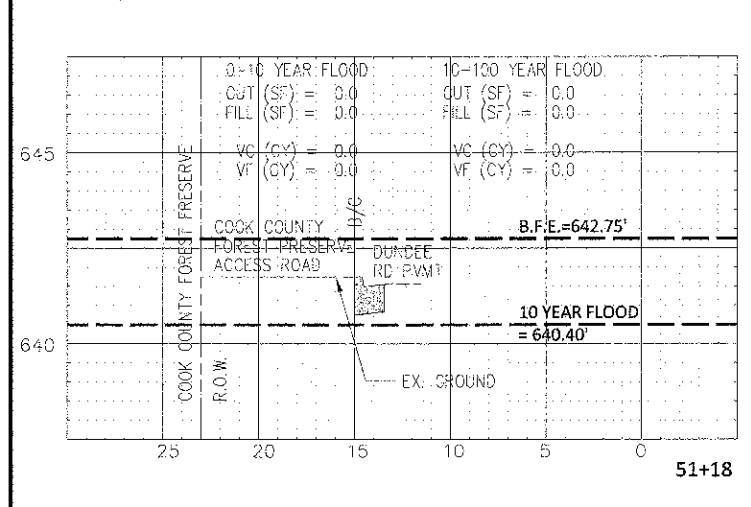
F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	10-00072-00-BT	COOK	39	26

CONTRACT NO. 63805

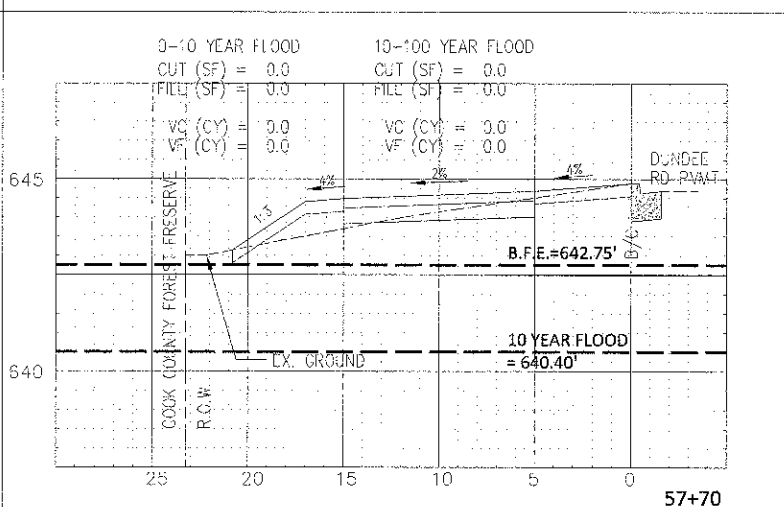
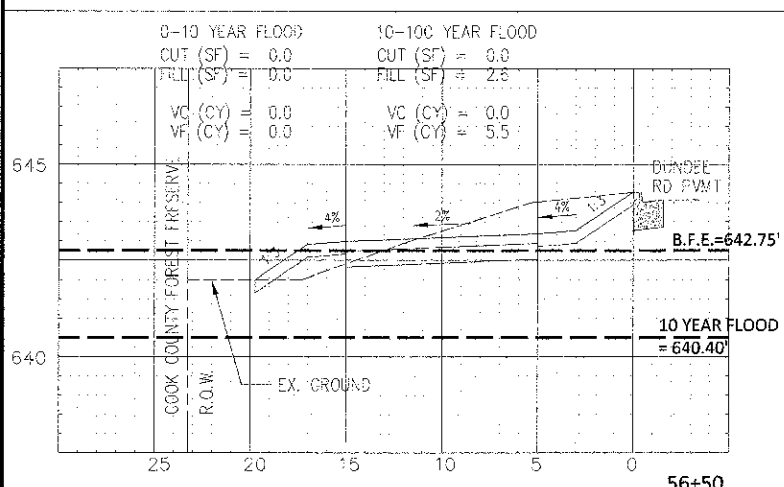
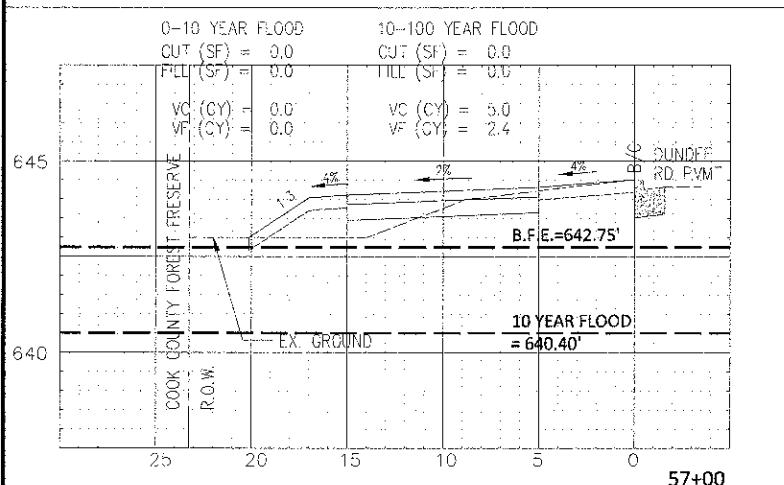
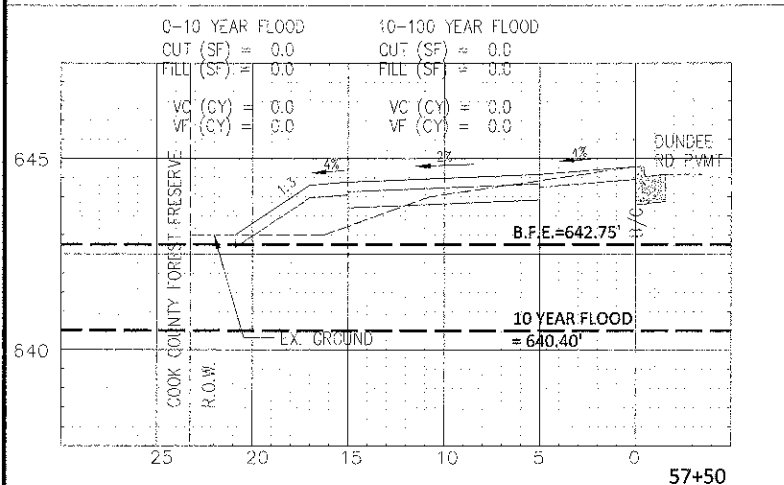
SCALE: H:1"=5', V:1"=2.5' SHEET NO. OF SHEETS STA. 6+35 TO STA. 9+25

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT FAP-343

77 W. Hintz Rd, Wheeling, IL 60090 (847) 279-6900

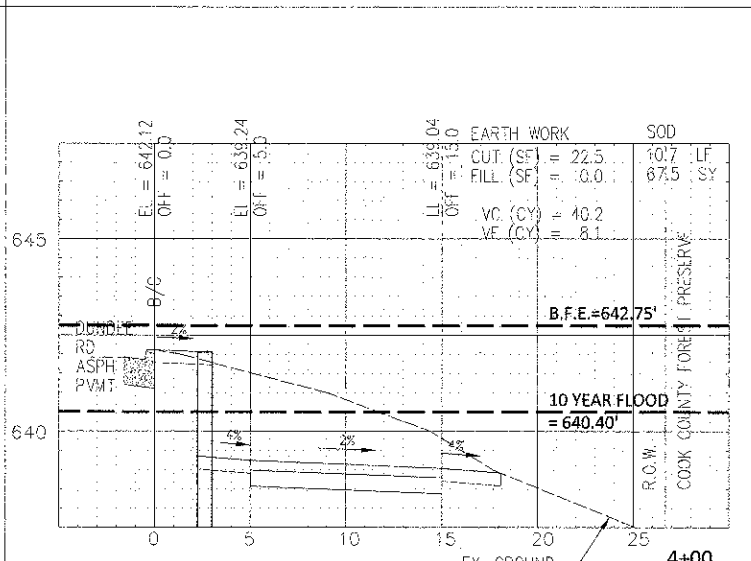
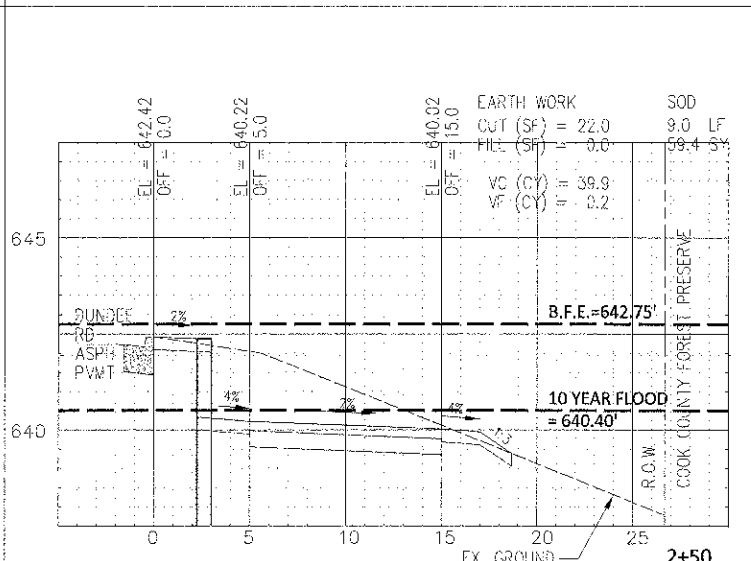
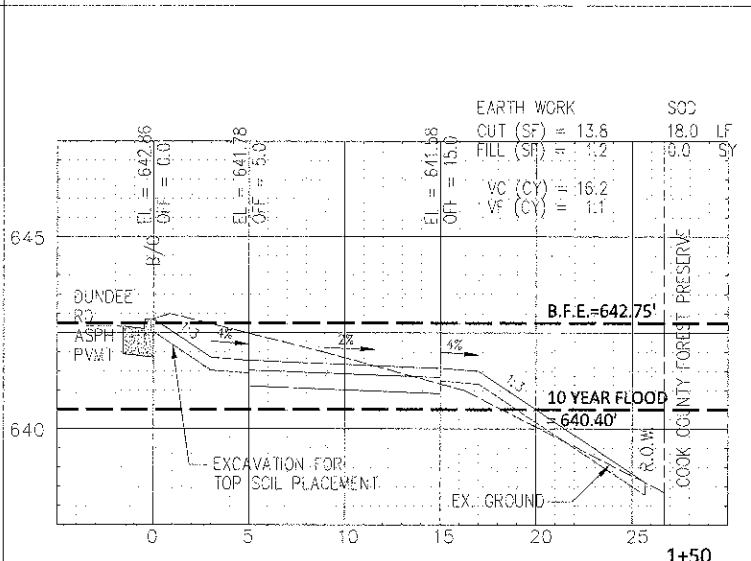
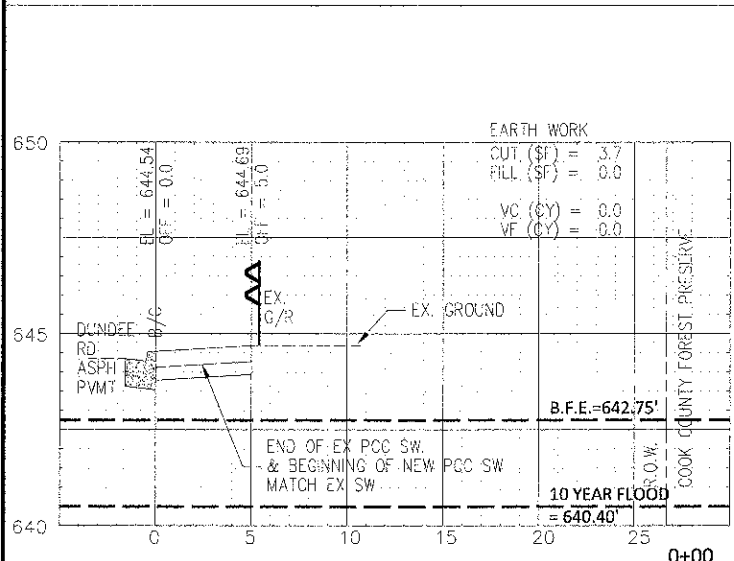
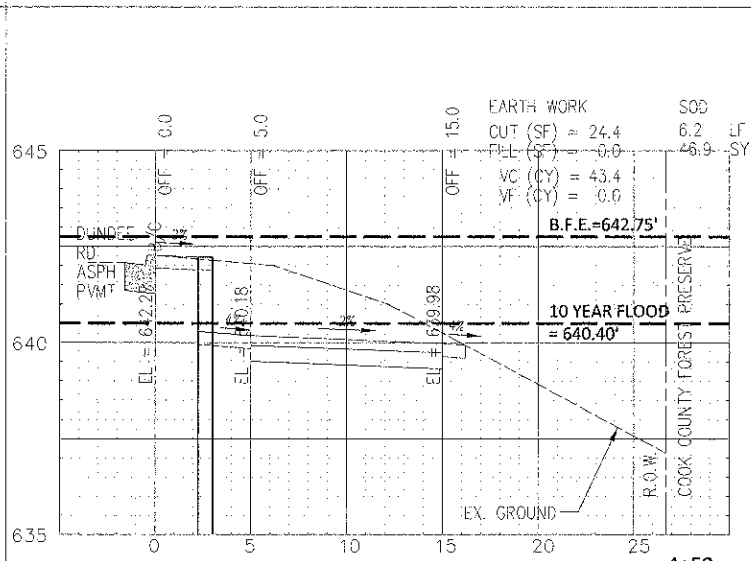
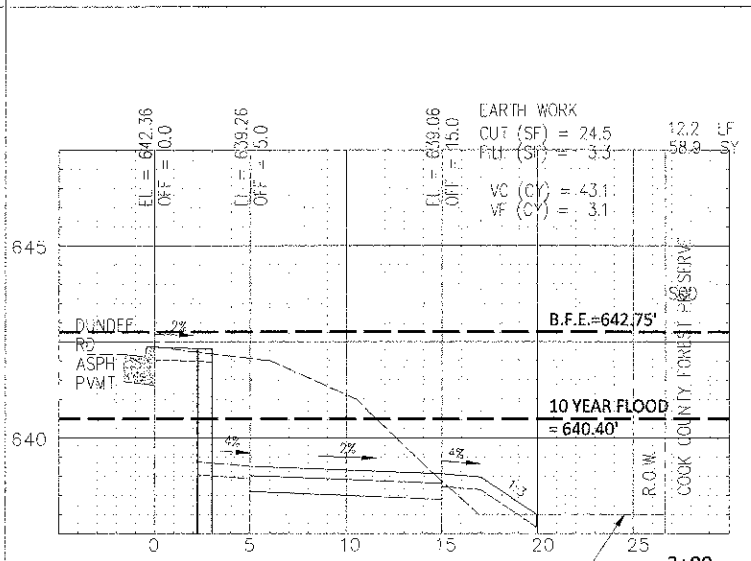
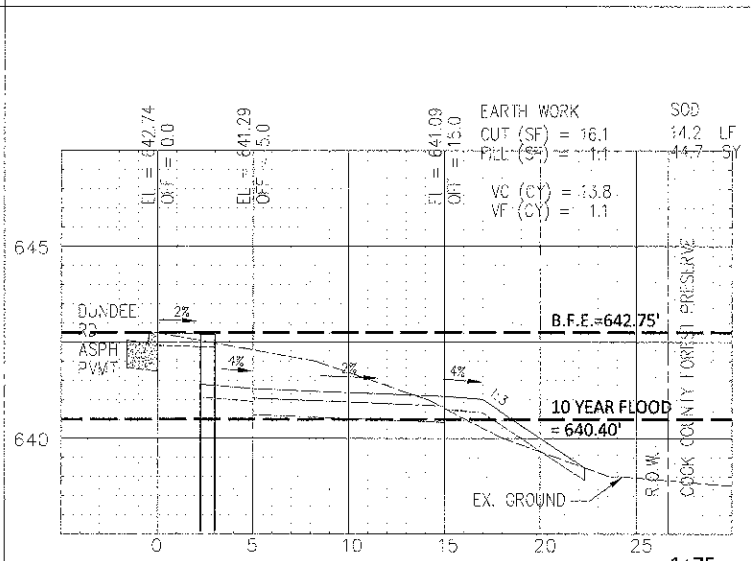
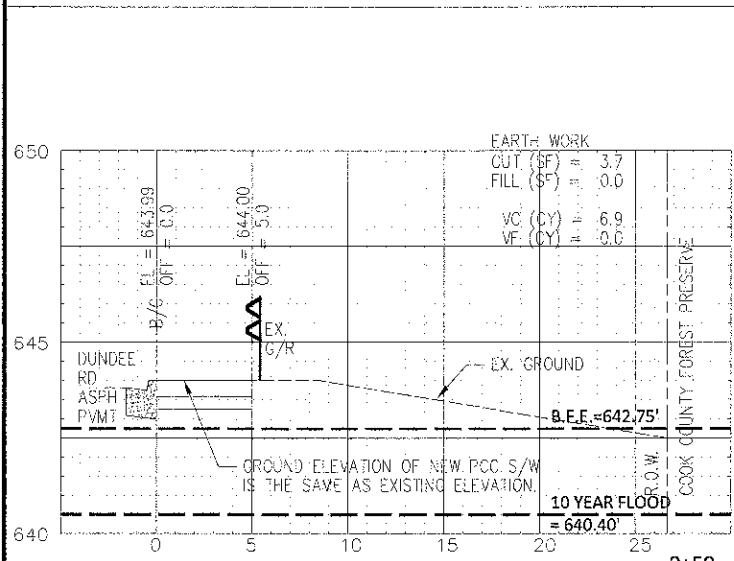
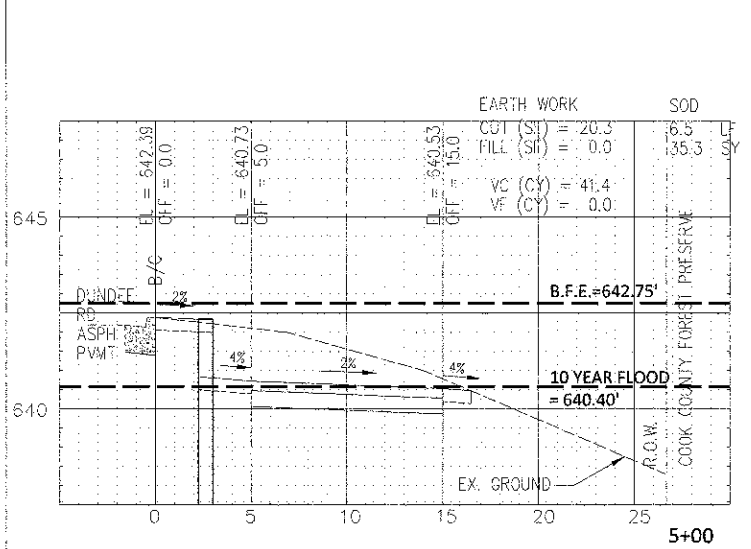
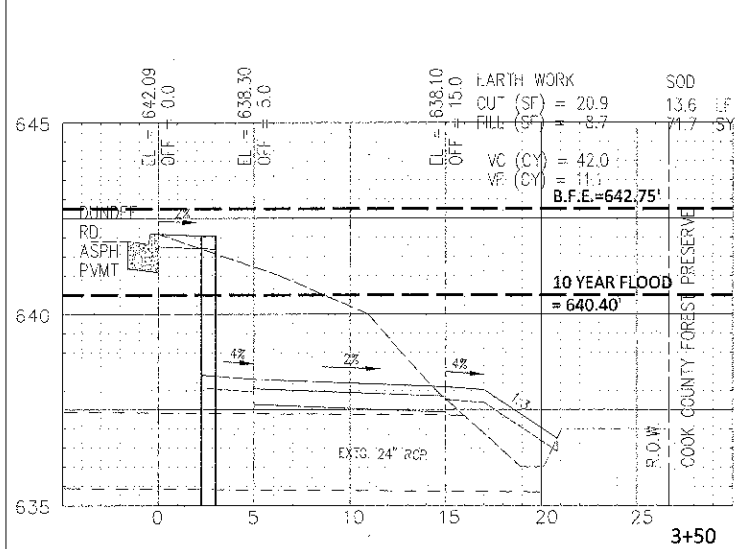
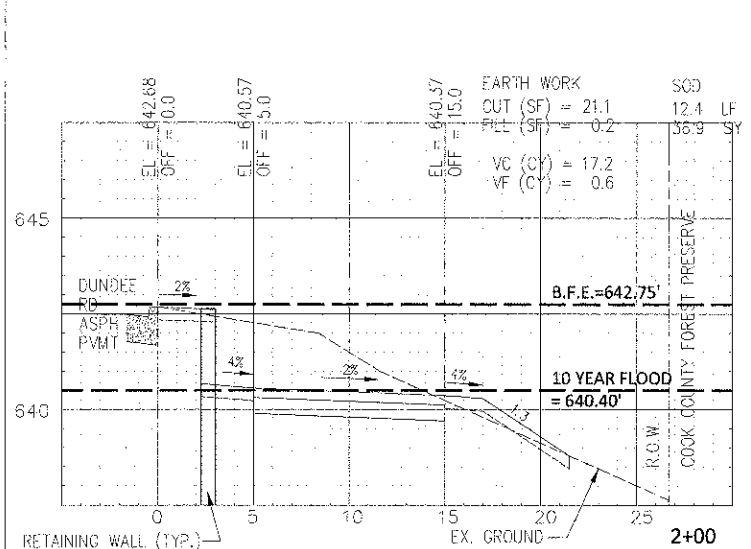
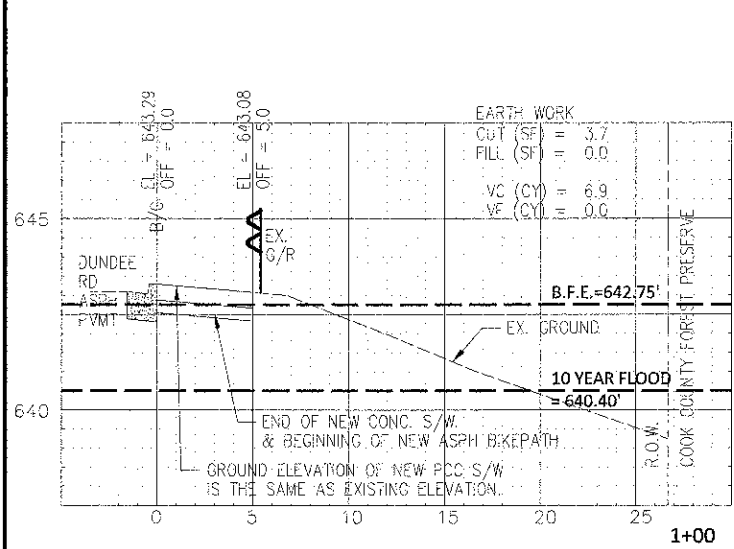


STATION	0-10 YEAR FLOOD					10-100 YEAR FLOOD				
	CUT (SF)	CUT (CY)	FILL (SF)	FILL (CY)	1.5*FILL (CY)	CUT (SF)	CUT (CY)	FILL (SF)	FILL (CY)	1.5*FILL (CY)
50+34	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.2	3.1	4.7
50+50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	2.4	3.6
50+81	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51+18	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
51+32	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.1	0.0	0.0
51+50	0.0	0.0	0.0	0.0	0.0	0.7	0.3	0.0	0.0	0.0
52+00	0.0	0.0	0.0	0.0	0.0	6.5	1.9	0.0	0.1	0.2
52+50	0.0	0.0	0.0	0.0	0.0	1.6	1.7	0.1	0.1	0.2
52+83	0.0	0.0	0.0	0.0	0.0	1.2	0.6	0.0	0.0	0.0
53+00	0.0	0.0	0.0	0.0	0.0	0.7	1.5	0.0	0.0	0.0
53+50	0.0	0.0	0.0	0.0	0.0	0.9	1.5	0.0	0.0	0.0
54+00	0.0	0.0	0.0	0.0	0.0	7.0	7.3	1.5	1.4	0.0
54+50	0.0	0.0	0.0	0.0	0.0	5.7	11.8	1.7	3.0	4.5
55+00	0.0	0.0	0.0	0.0	0.0	3.2	8.2	1.4	2.9	4.4
55+50	0.0	0.0	0.0	0.0	0.0	0.8	3.7	2.3	3.4	5.1
56+00	0.0	0.0	0.0	0.0	0.0	0.0	0.7	3.3	5.2	7.8
56+50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	5.5	8.3
57+00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	3.6
57+50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57+70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL		0.0 CY		0.0 CY			38.9 CY		44.3 CY	



THERE WERE NO CUT AND FILL WITHIN 0 - 10 YEAR FLOOD ELEVATION FOR THE NORTH PARKWAY.
 THE 0 - 10 YEAR FLOOD EVENT COMPENSATORY STORAGE VOLUME REQUIREMENT HAS BEEN MET FOR THE NORTH PARKWAY.
 THEREFORE, THE 0 - 10 YEAR FLOOD EVENT COMPENSATORY STORAGE VOLUME REQUIREMENT HAS BEEN MET FOR THE NORTH AND SOUTH PARKWAY COMBINED.

FOR THE 10 - 100 YEAR FLOOD ELEVATION, NORTH AND SOUTH PARKWAY ARE COMBINED TOGETHER.
 SOUTH PARKWAY CUT + NORTH PARKWAY CUT = 152.1 CY + 38.9 CY = 191.0 CY
 SOUTH PARKWAY FILL + NORTH PARKWAY FILL = 47.0 CY + 44.3 CY = 91.3 CY
 THEREFORE 191.0 CY >> 91.3 CY
 THE 10 - 100 YEAR FLOOD EVENT COMPENSATORY STORAGE VOLUME REQUIREMENT HAS BEEN MET FOR THE NORTH AND SOUTH PARKWAY COMBINED.



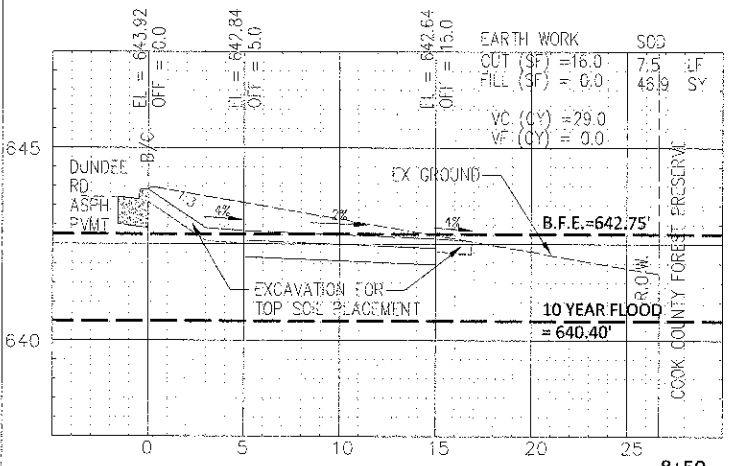
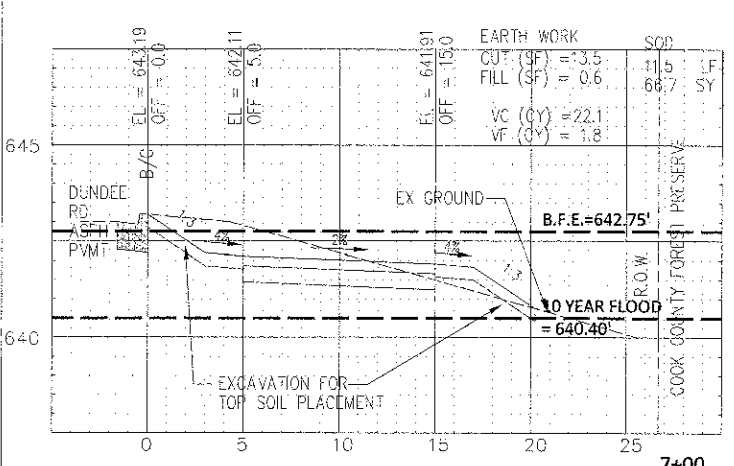
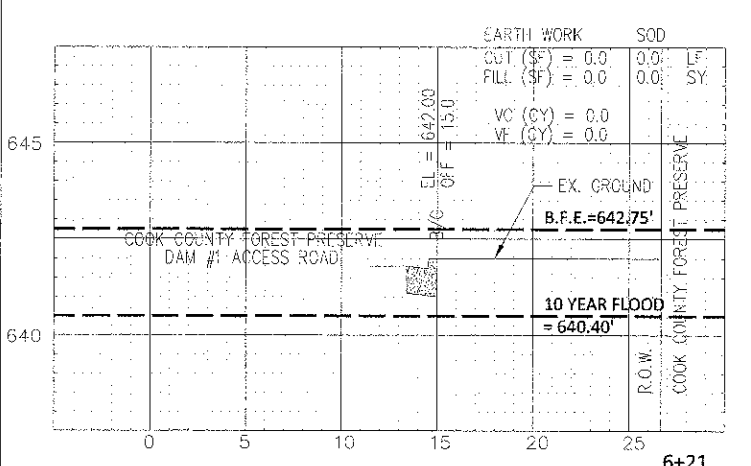
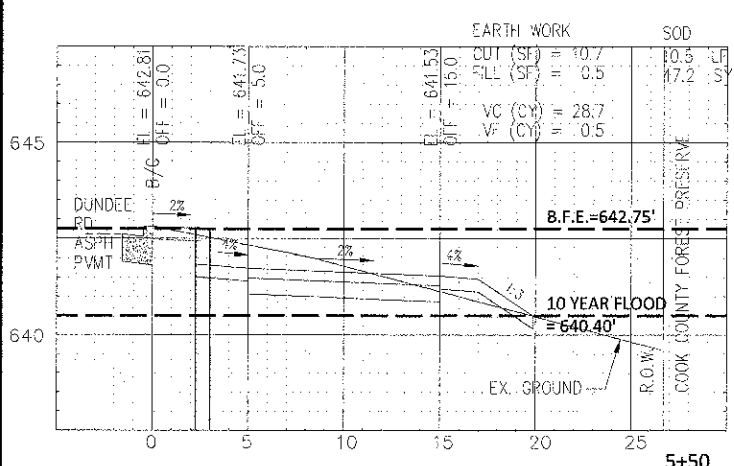
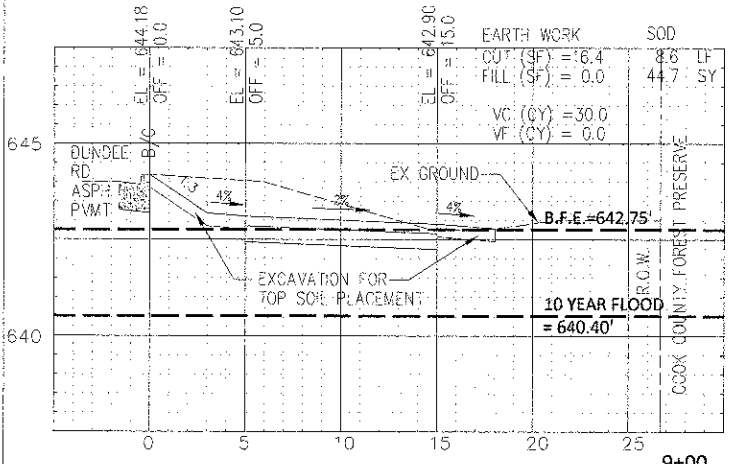
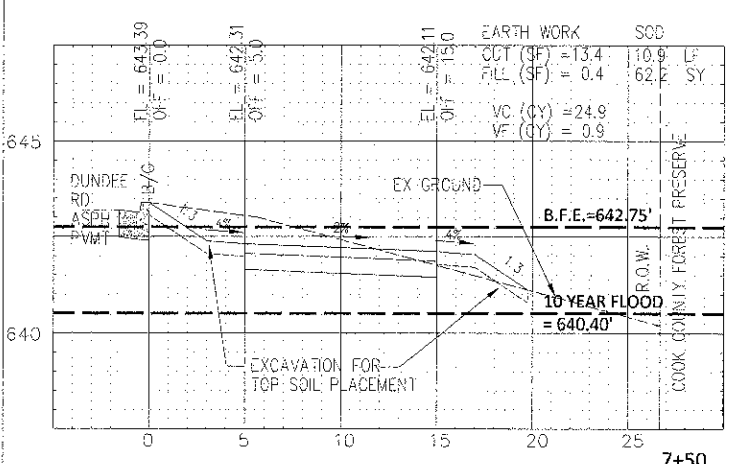
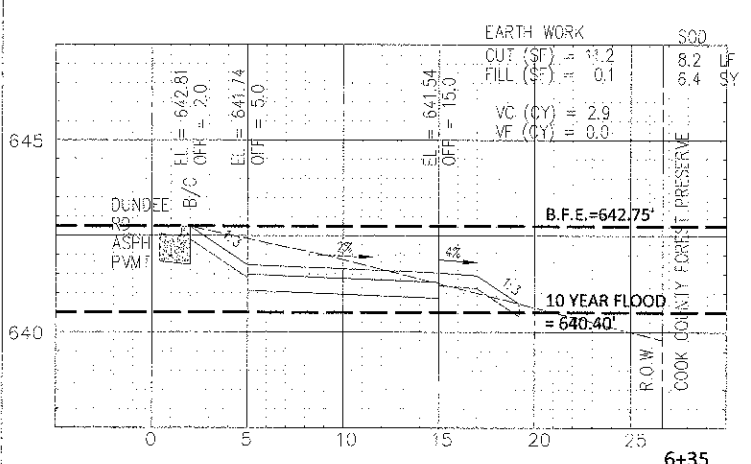
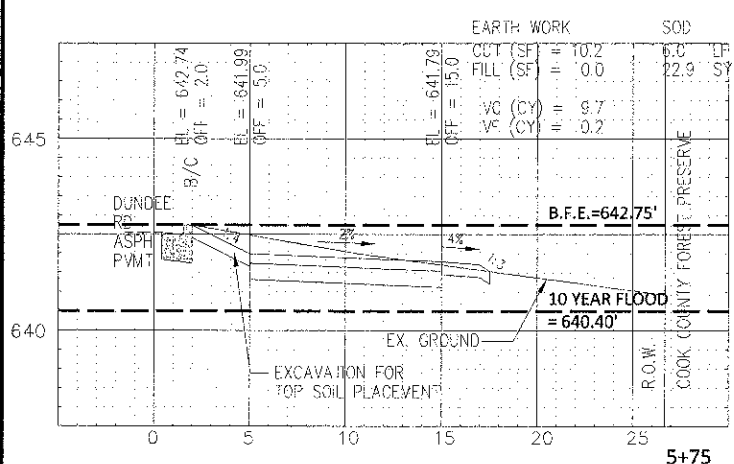
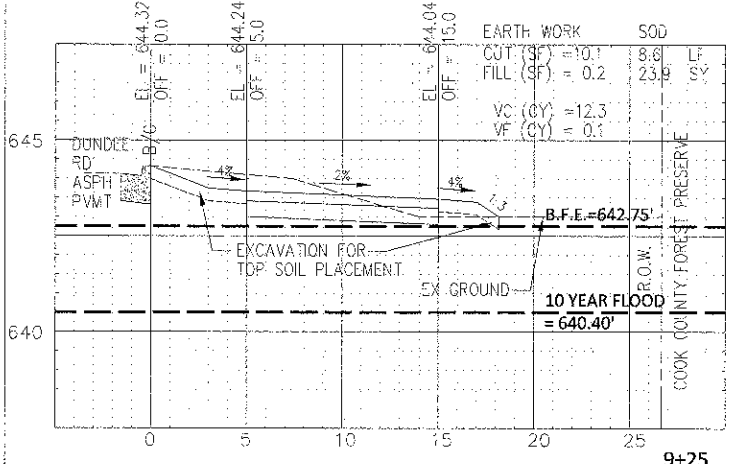
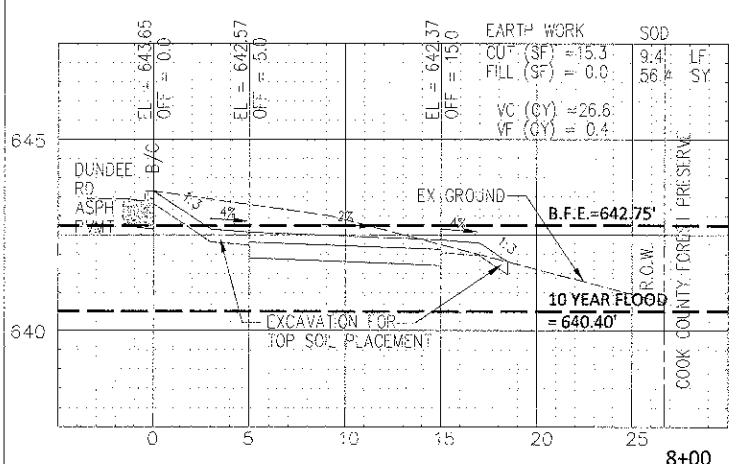
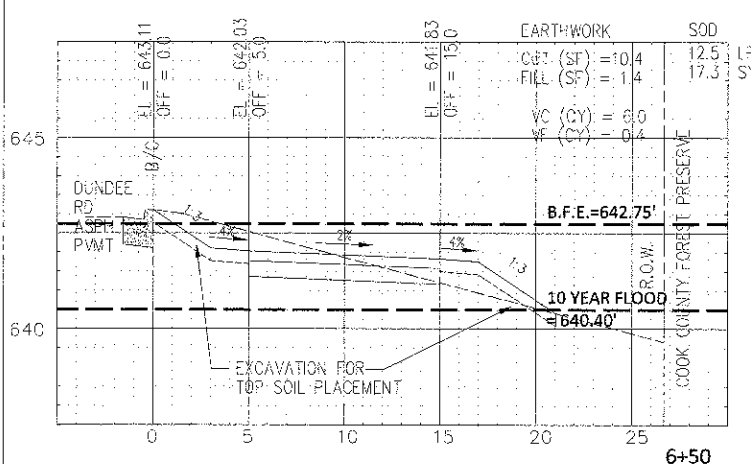
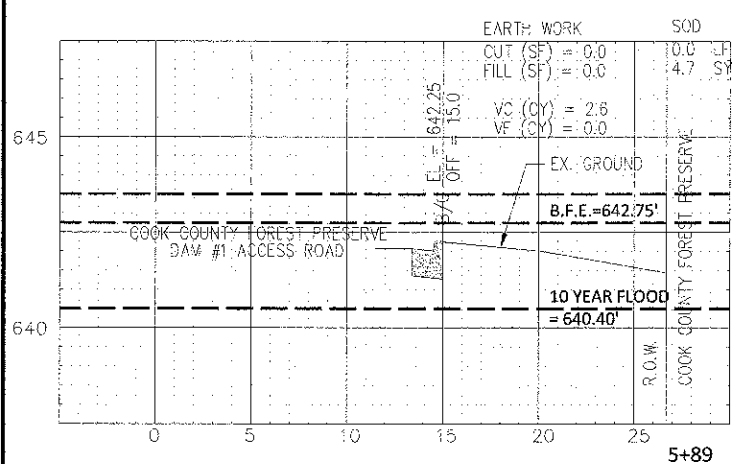
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PLOT SCALE:	DRAWN: MT	REVISED:
PLOT DATE:	CHECKED:	REVISED:
	DATE: 1/30/13	REVISED:

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED CROSS SECTIONS
SOUTH PARKWAY

SCALE: H:1"=5', V:1"=2.5' SHEET NO. OF SHEETS STA. 0+00 TO STA. 5+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	10-00072-00-BT	COOK	39	29
CONTRACT NO. 63805				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT FAP 343				



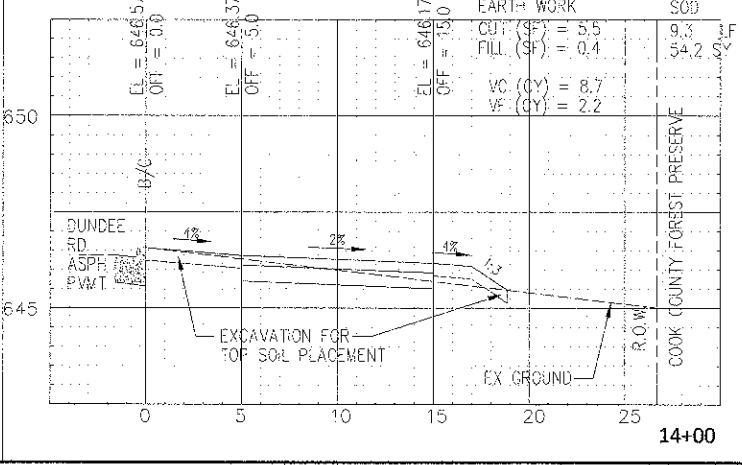
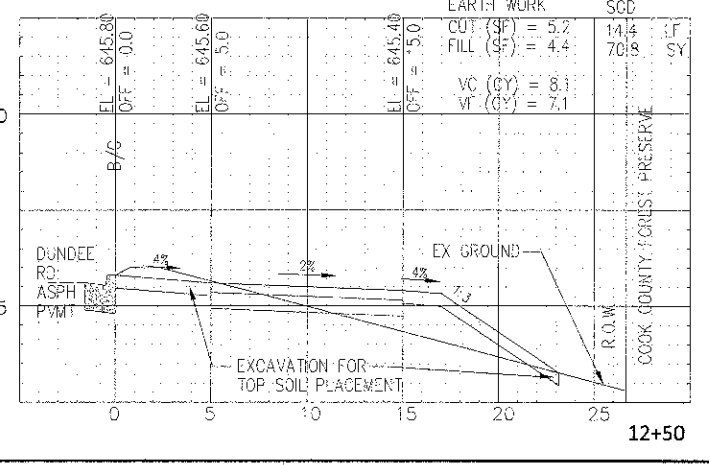
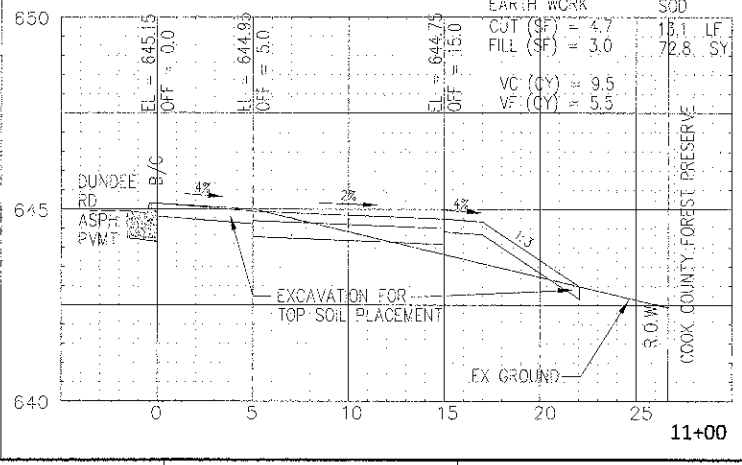
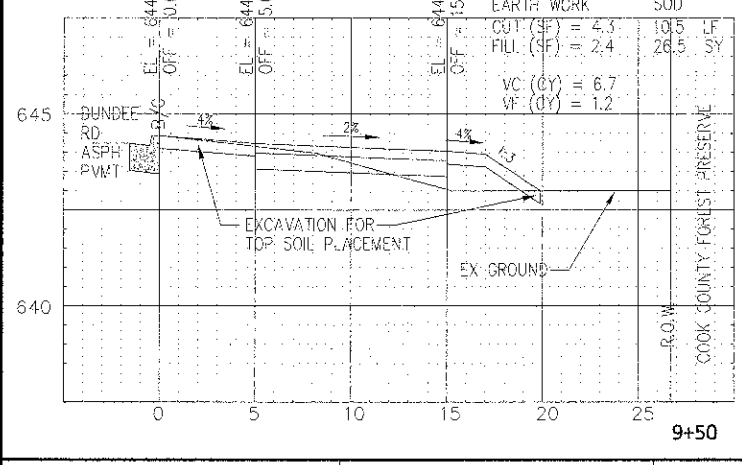
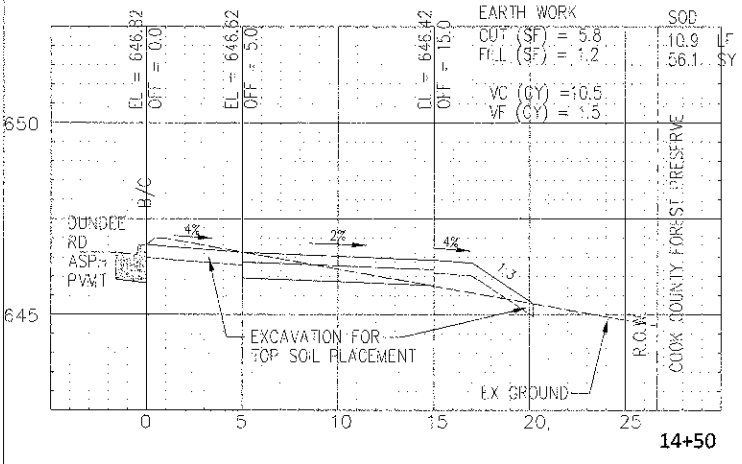
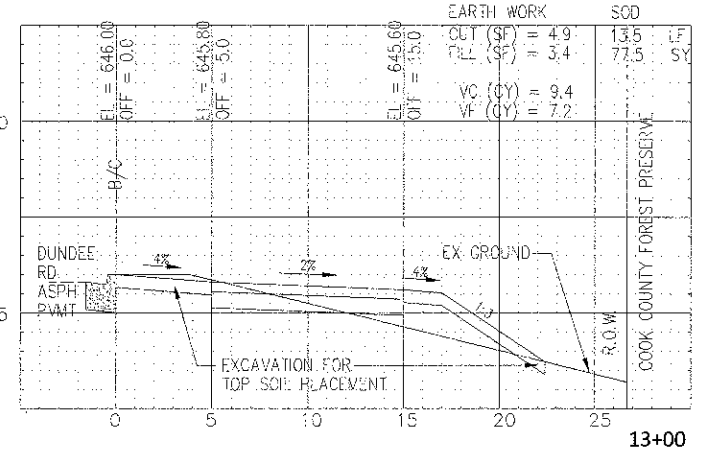
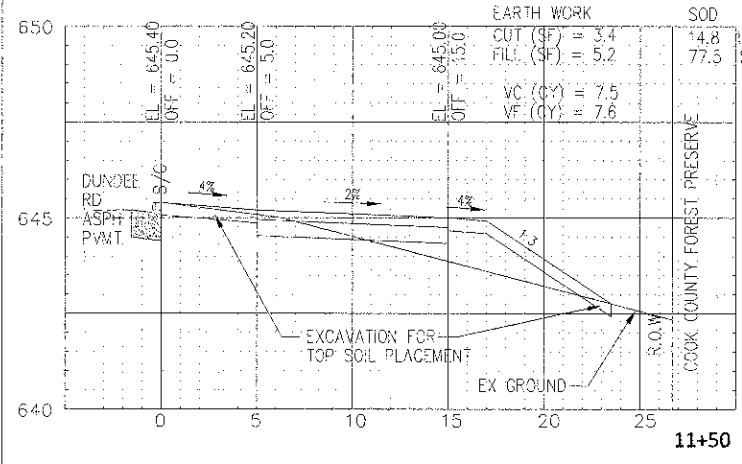
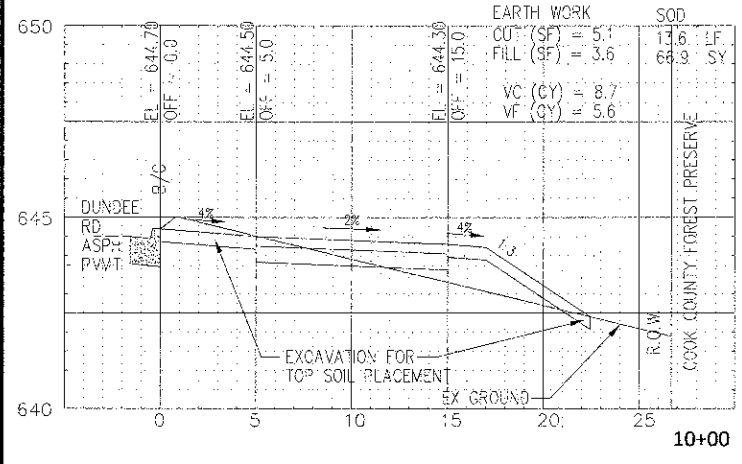
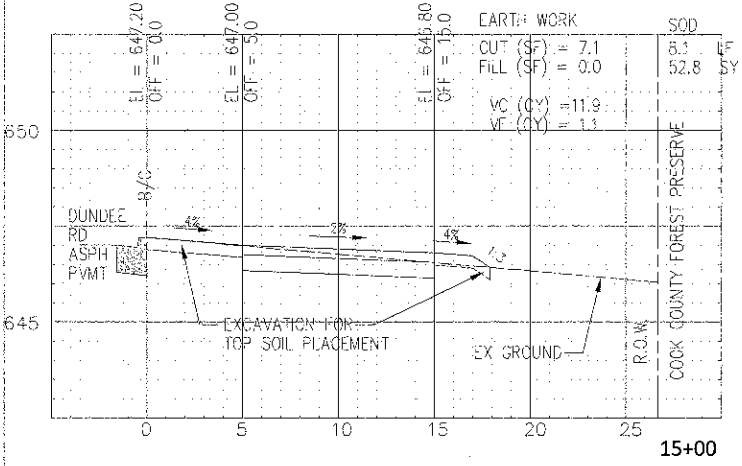
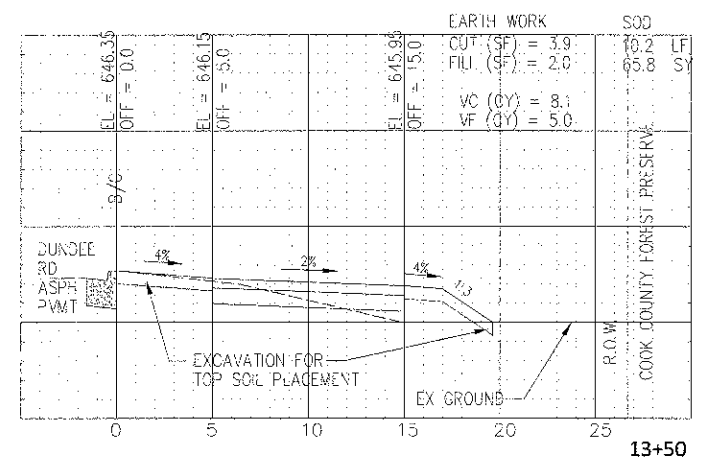
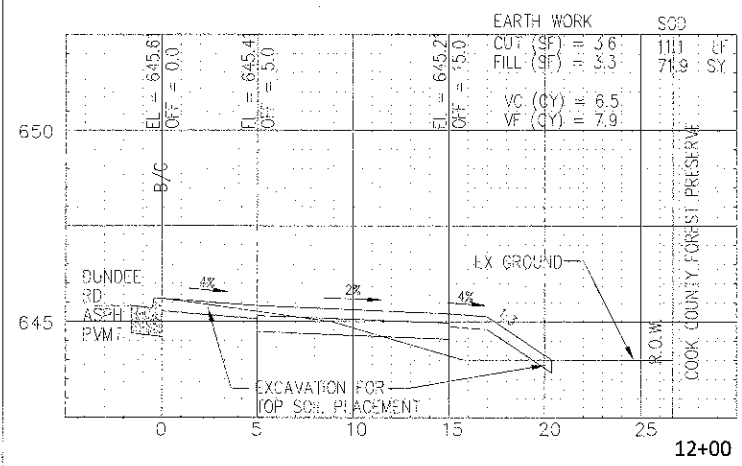
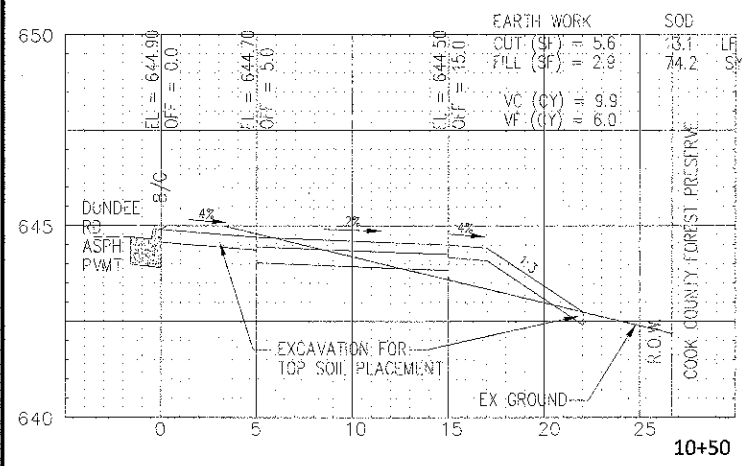
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PLOT SCALE:	DRAWN: MT	REVISED:
PLOT DATE:	CHECKED:	REVISED:
	DATE: 1/30/13	REVISED:

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED CROSS SECTIONS
SOUTH PARKWAY

SCALE: H:1"=5', V:1"=2.5' SHEET NO. OF SHEETS STA. 5+00 TO STA. 9+25

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	10-00072-00-BT	COOK	39	30
CONTRACT NO. 63805				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT FAP-343				



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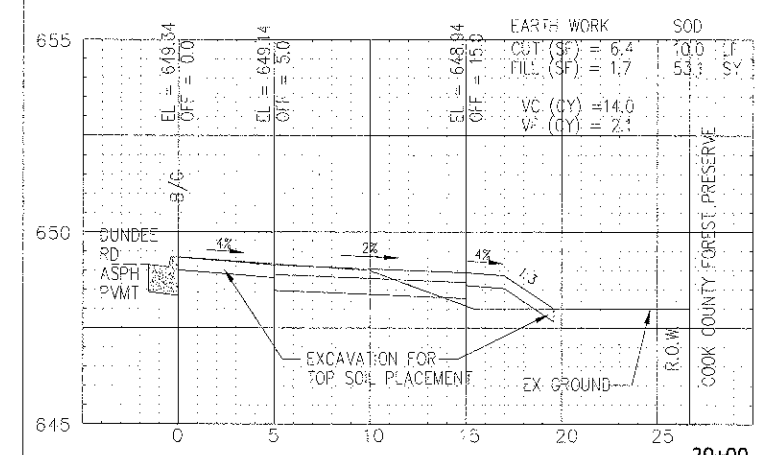
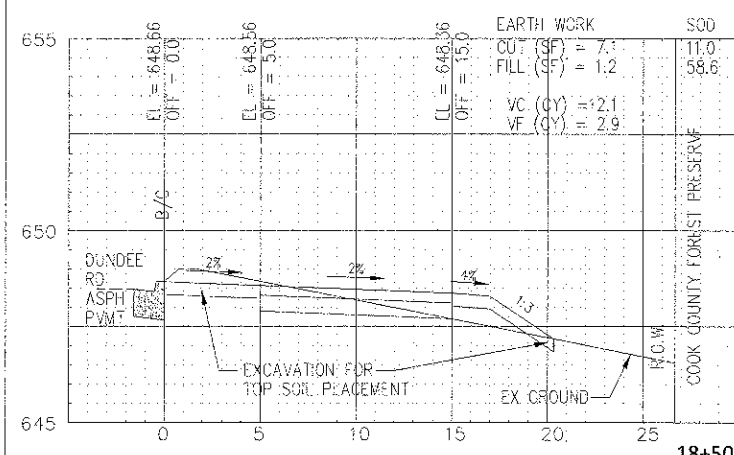
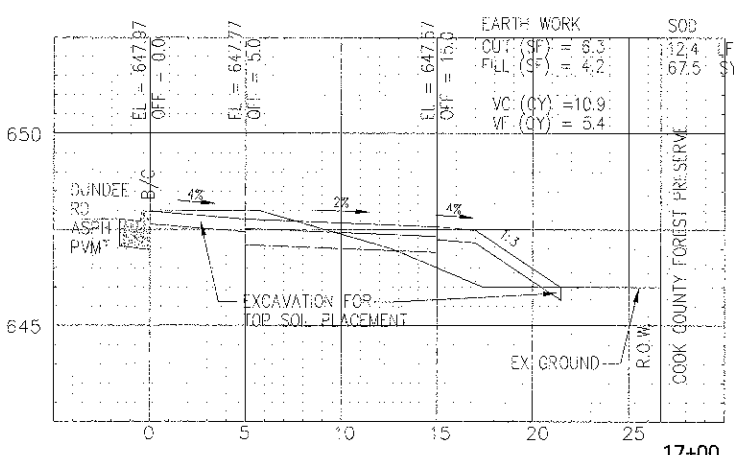
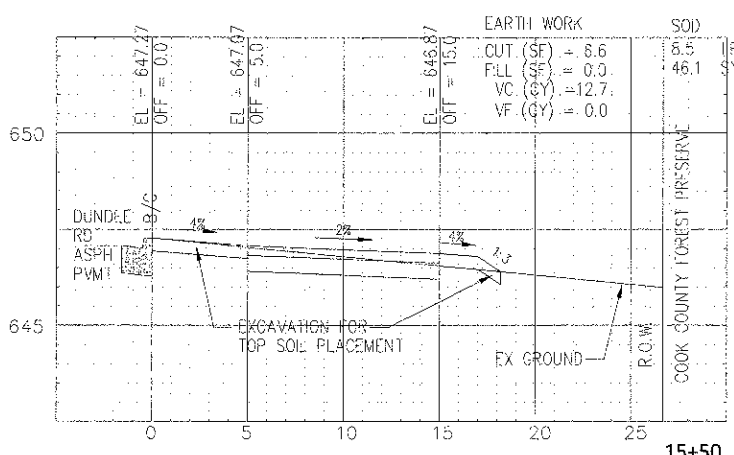
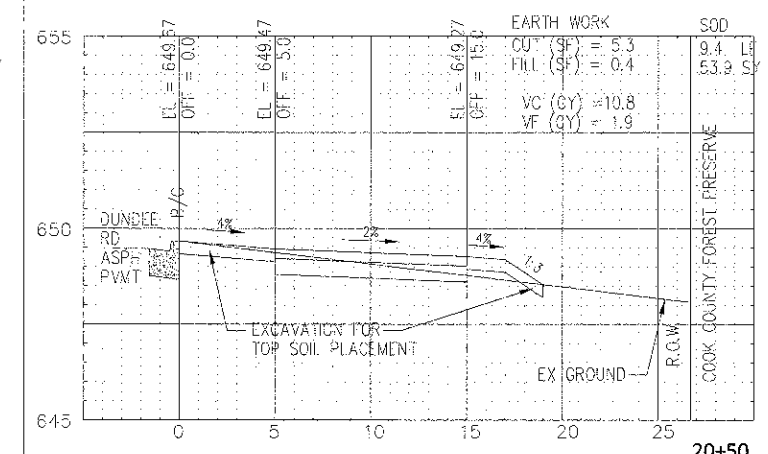
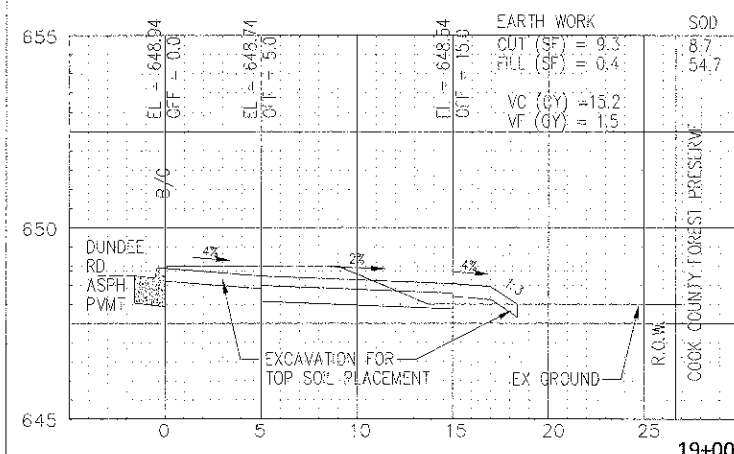
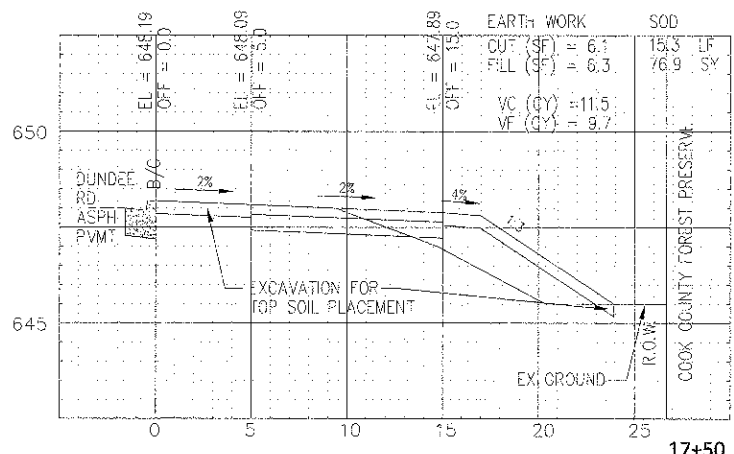
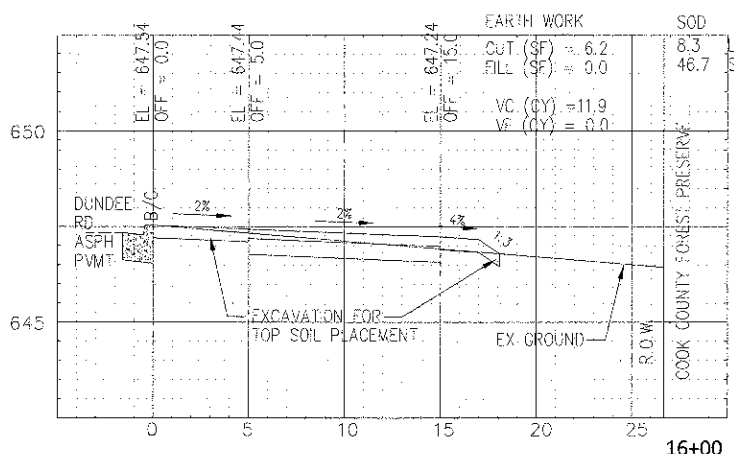
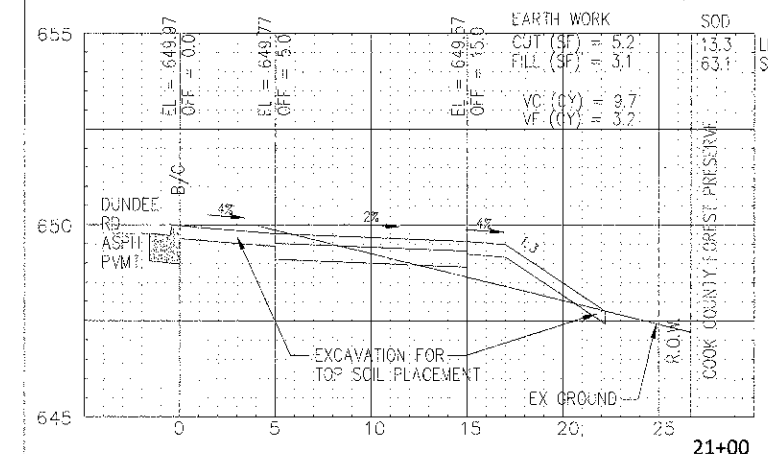
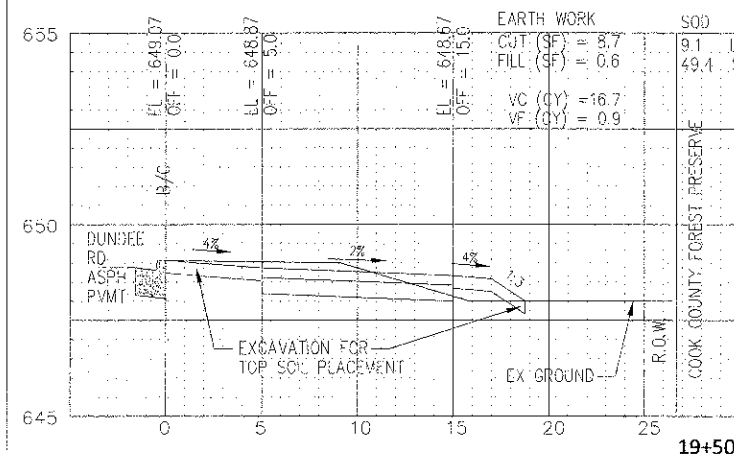
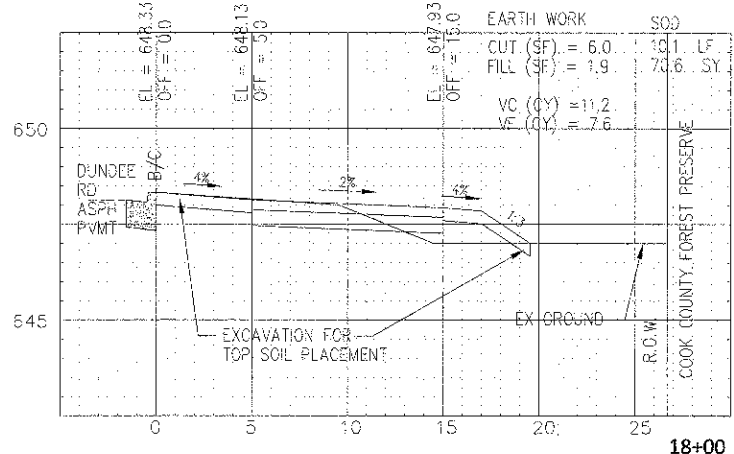
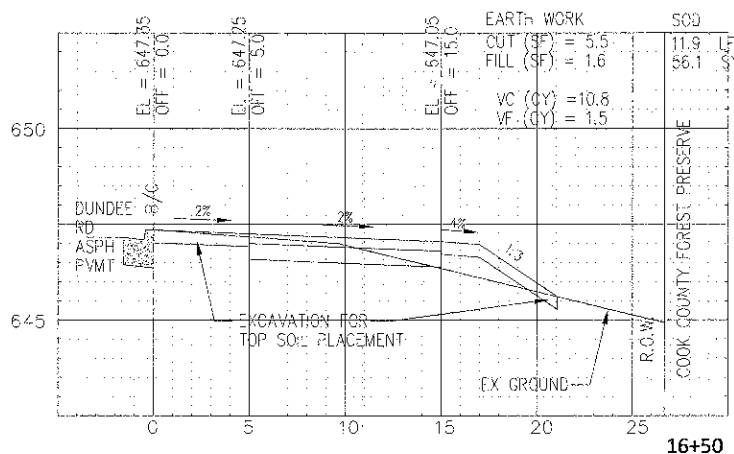
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PLOT DATE:	CHECKED:	REVISED:
	DATE: 1/30/13	REVISED:

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED CROSS SECTIONS
SOUTH PARKWAY

SCALE: H:1"=5', V:1"=2.5' SHEET NO. OF SHEETS STA. 9+25 TO STA. 15+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	10-00072-00-BT	COOK	39	31
CONTRACT NO. 63805				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT FAP 343				



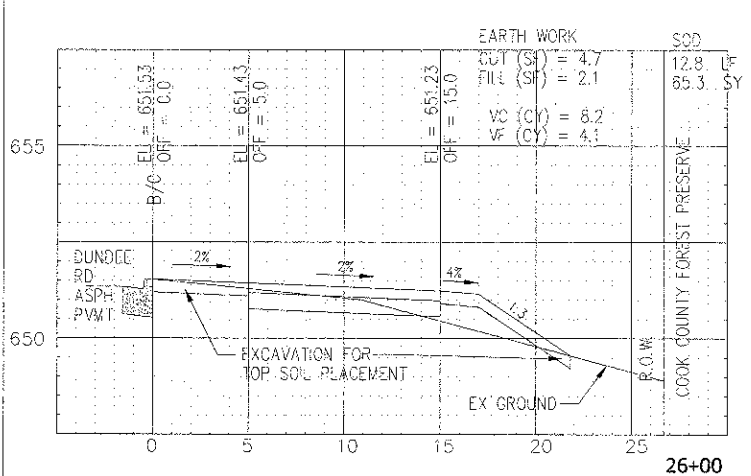
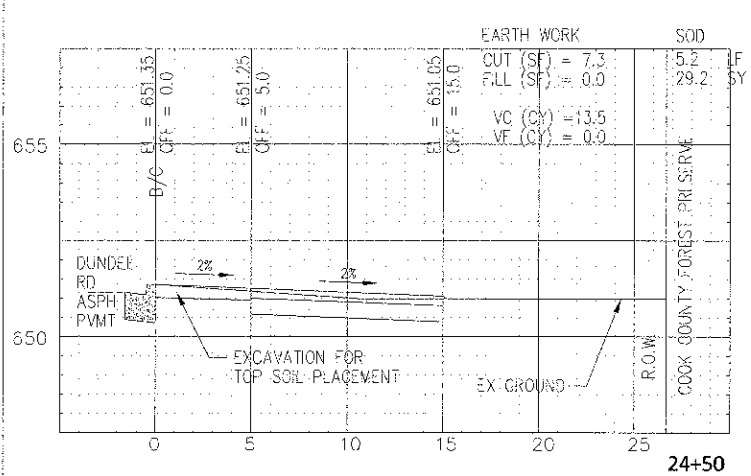
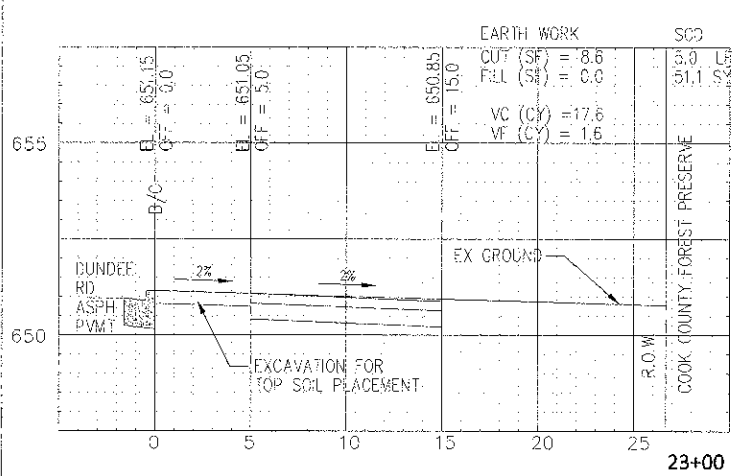
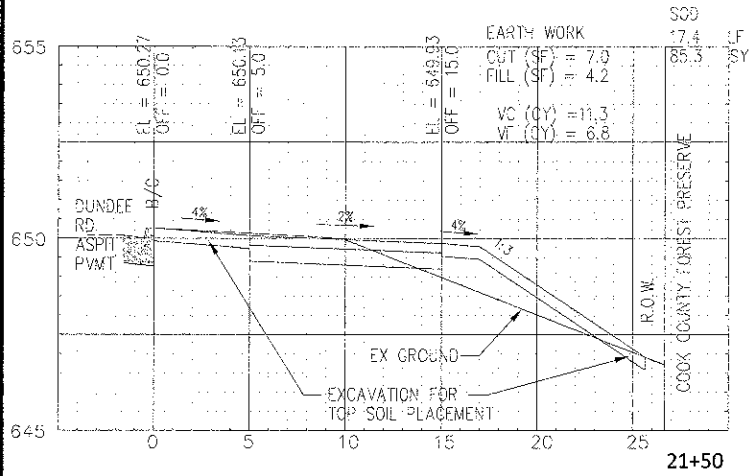
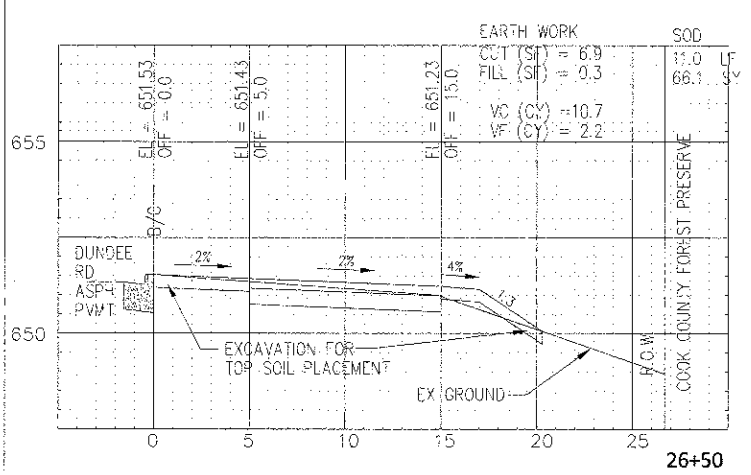
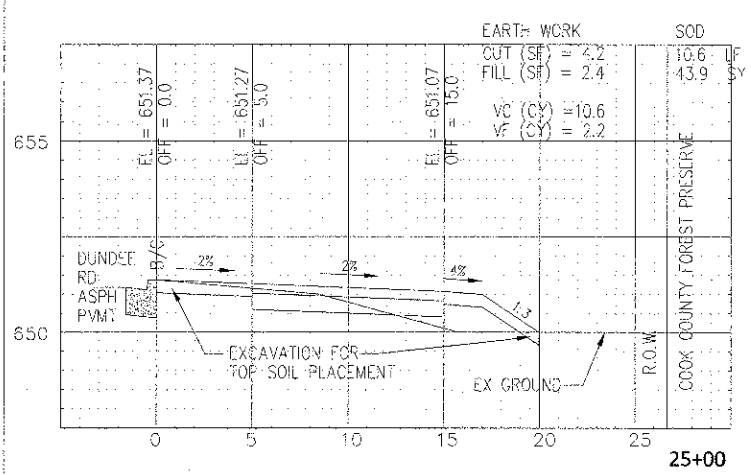
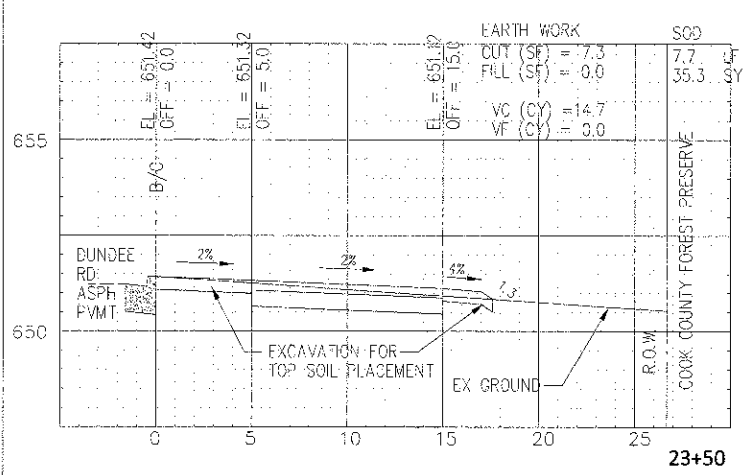
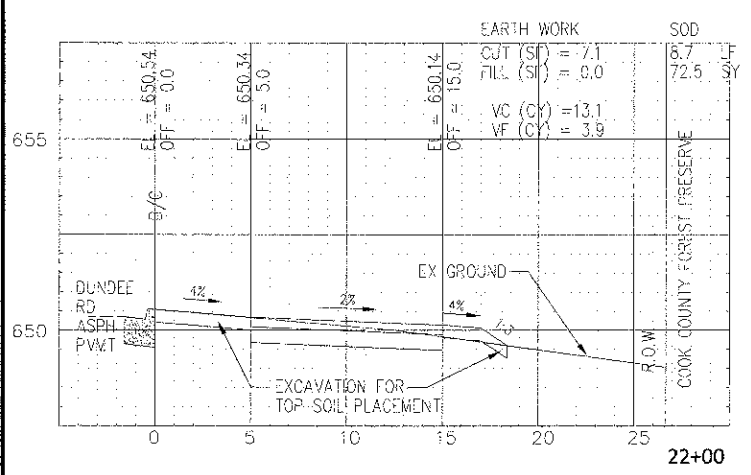
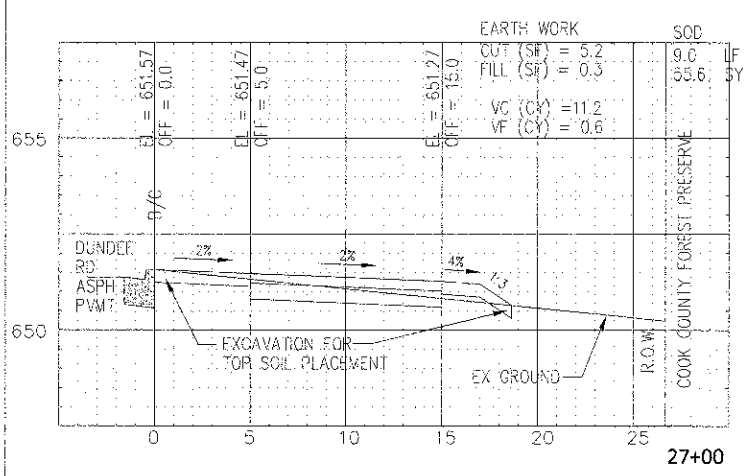
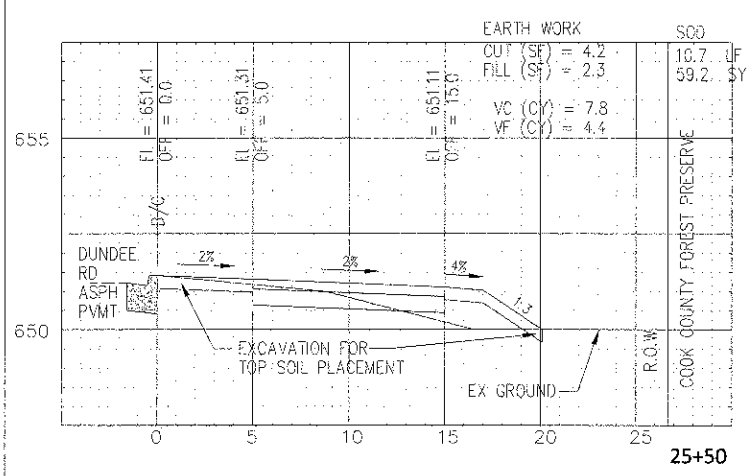
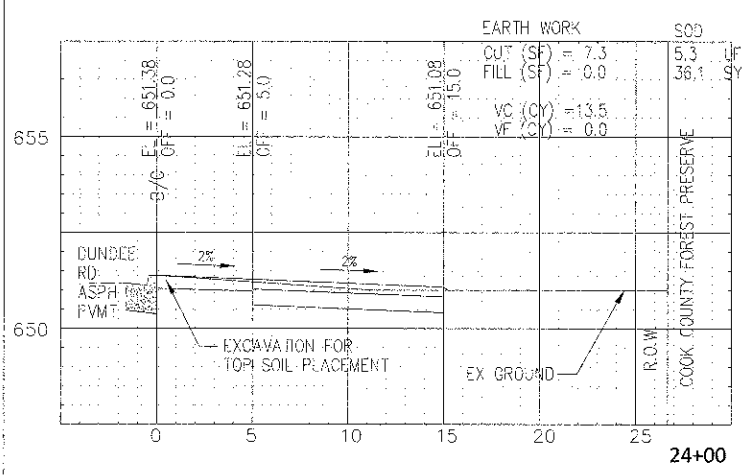
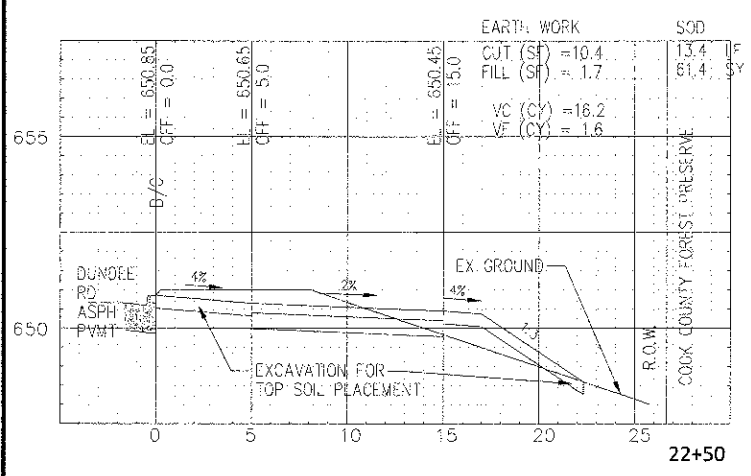
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PLOT SCALE:	DRAWN: MT	REVISED:
PLOT DATE:	CHECKED:	REVISED:
	DATE: 1/30/13	REVISED:

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED CROSS SECTIONS
 SOUTH PARKWAY

SCALE: H:1"=5', V:1"=2.5' SHEET NO. OF SHEETS STA. 15+50 TO STA. 21+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	10-00072-00-BT	COOK	39	32
CONTRACT NO. G3805				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT FAP 343				



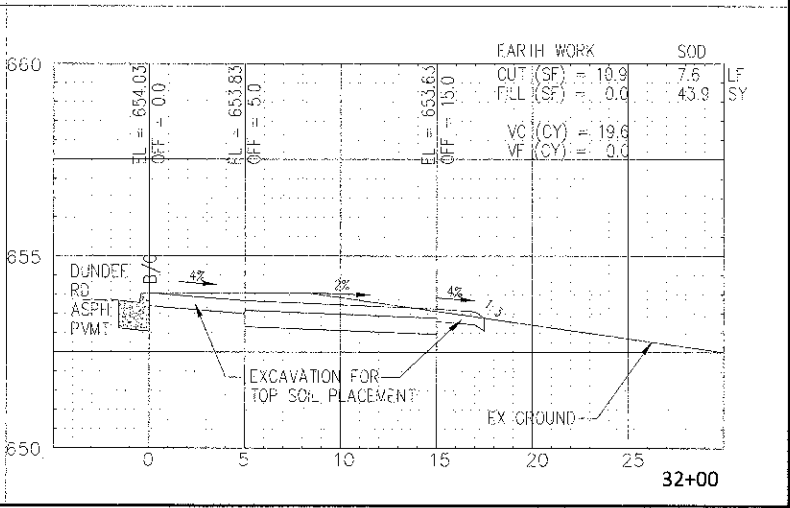
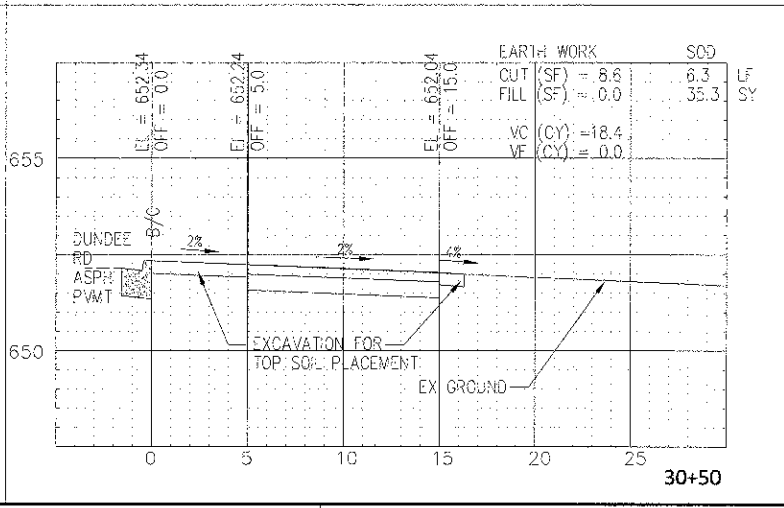
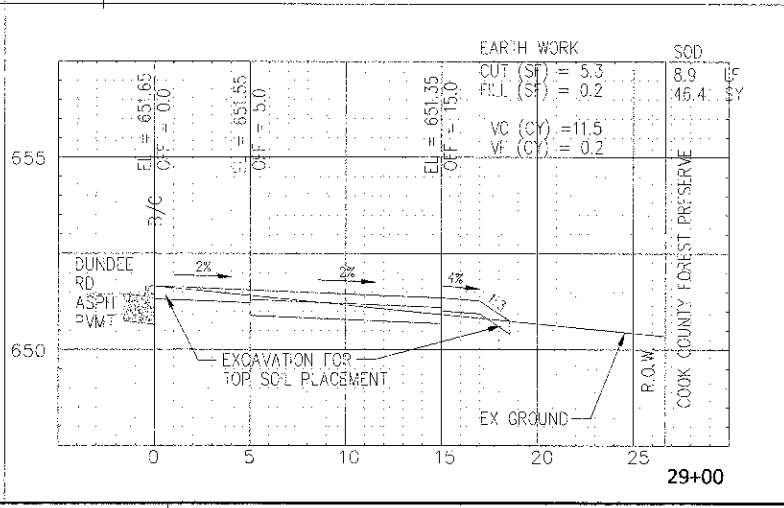
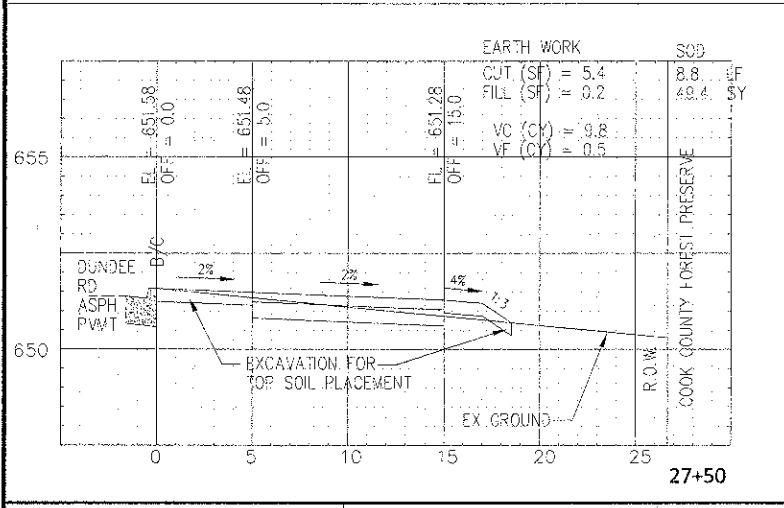
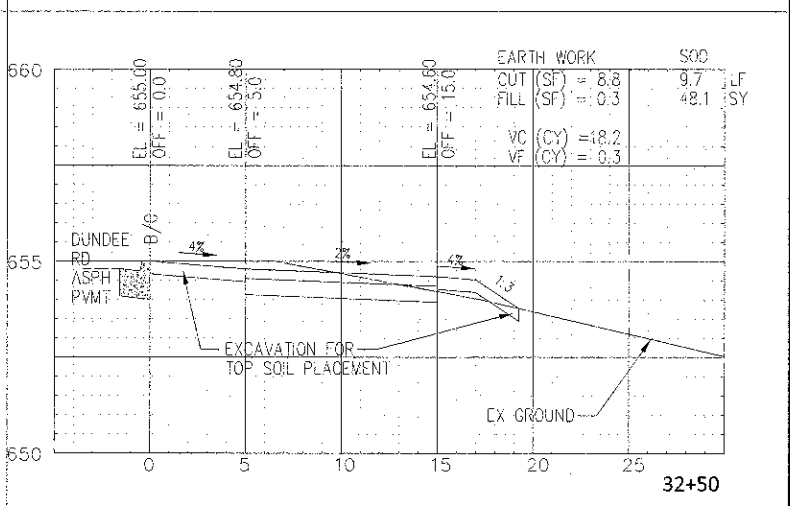
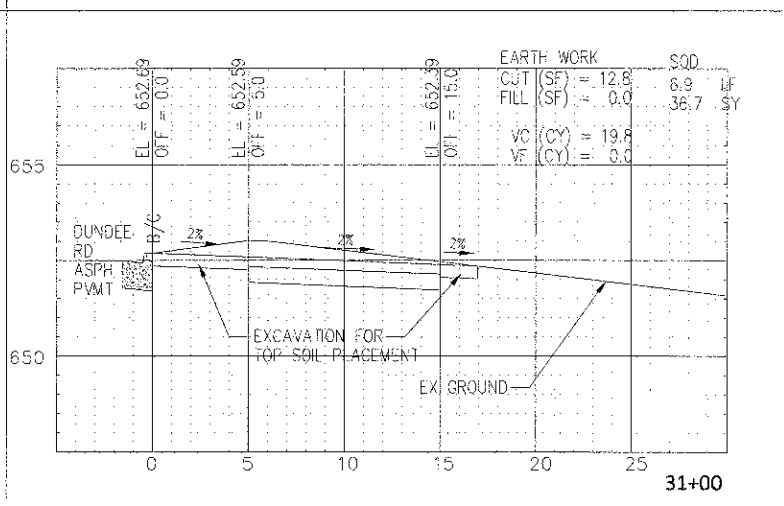
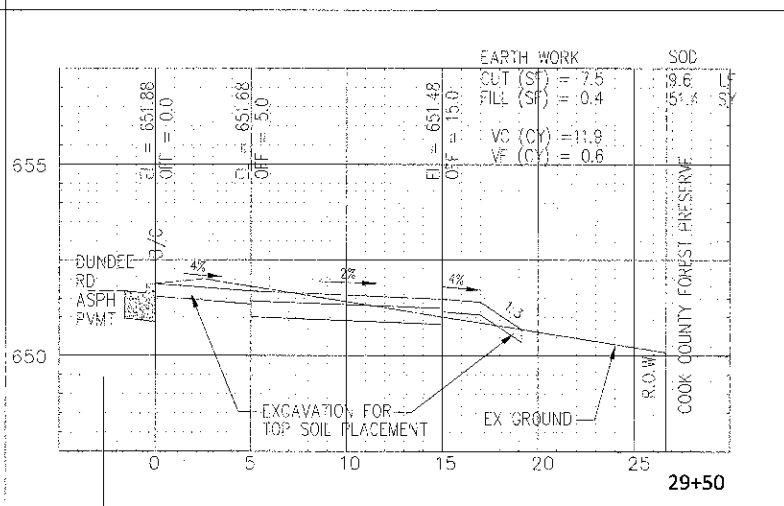
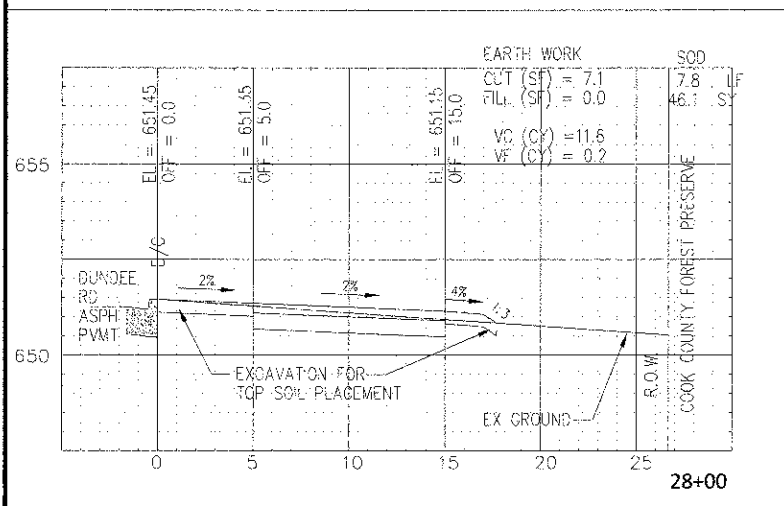
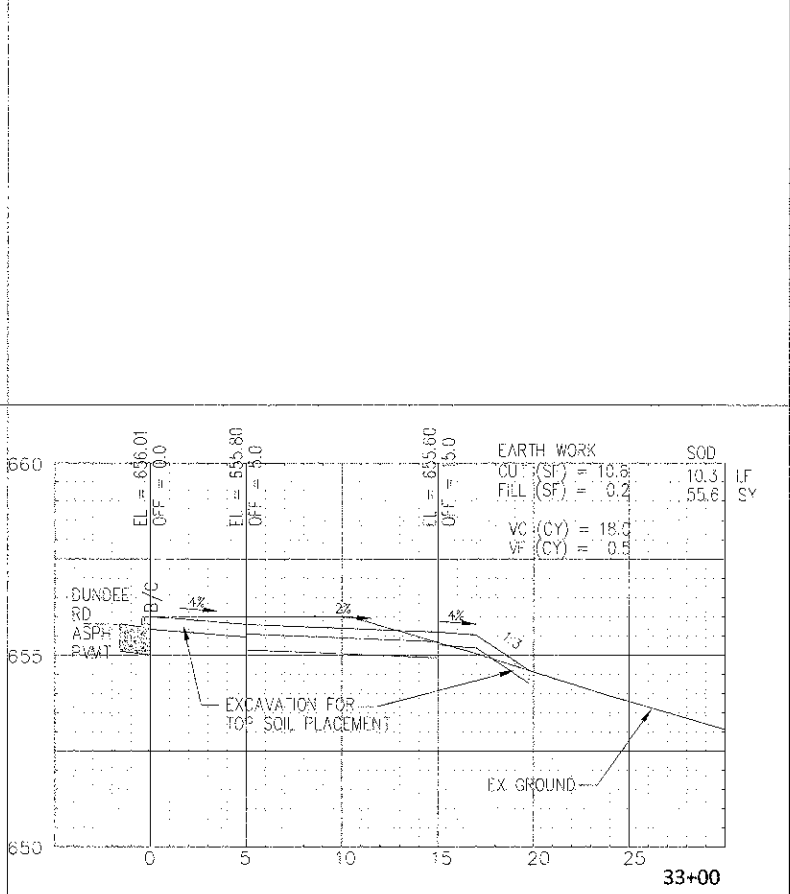
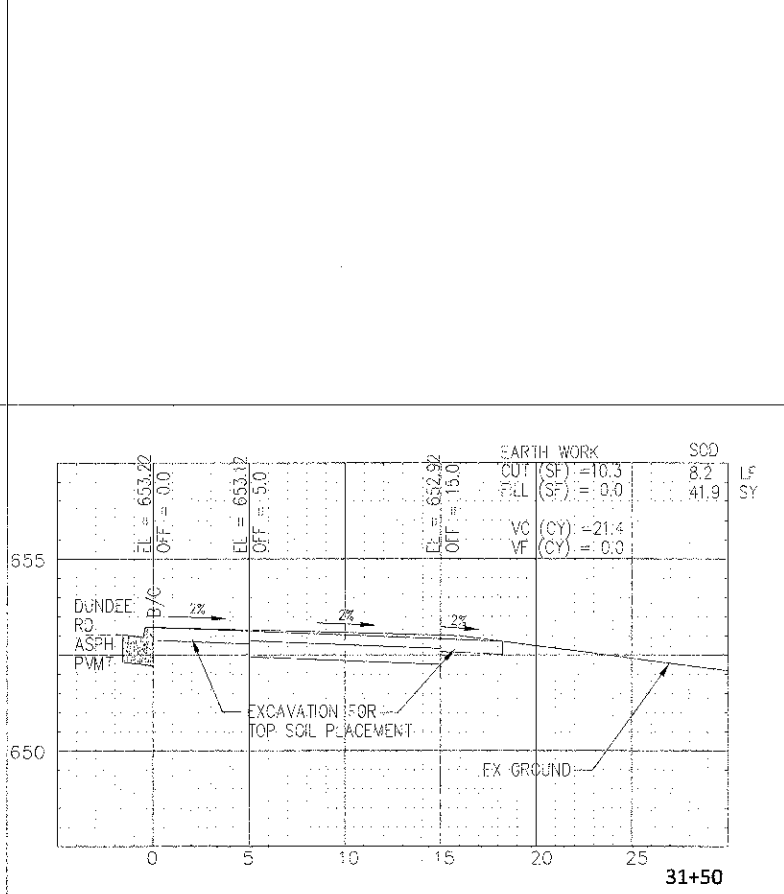
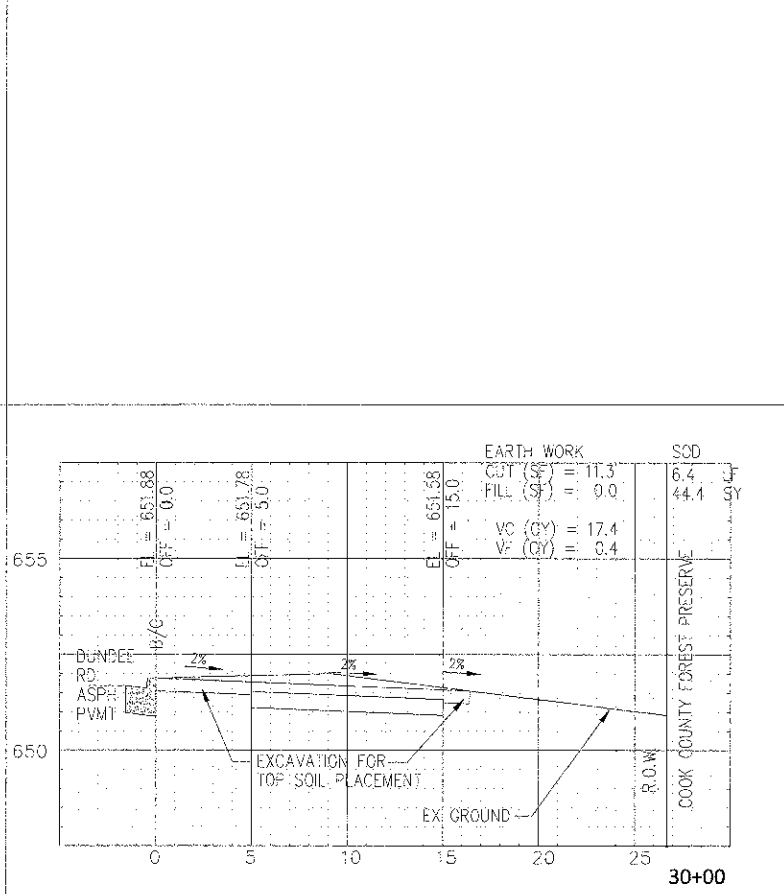
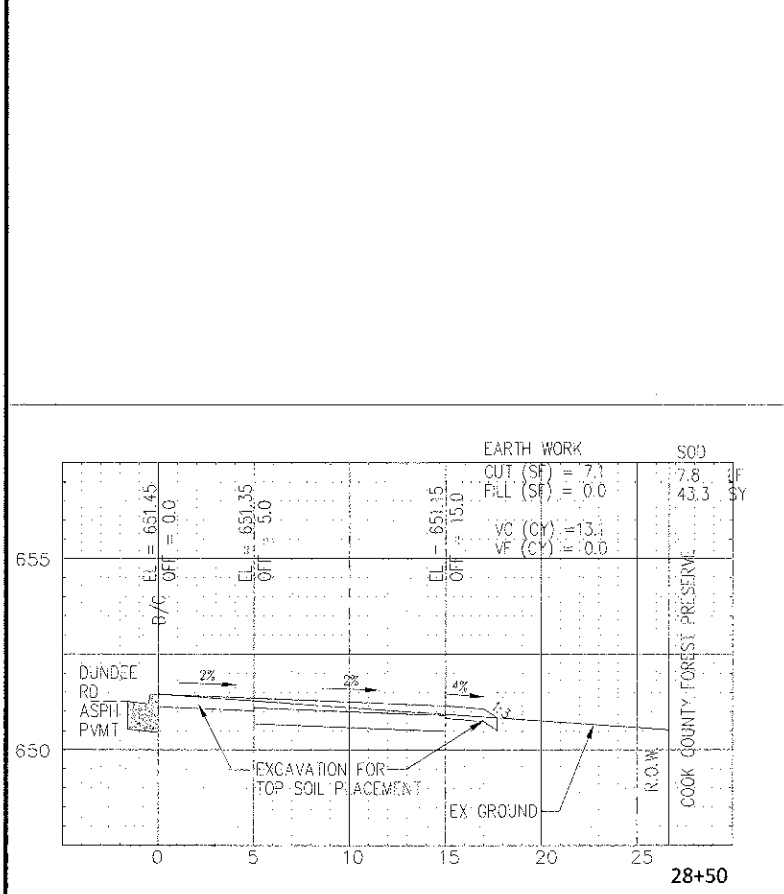
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PLOT DATE:	CHECKED:	REVISED:
	DATE: 1/30/13	REVISED:

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED CROSS SECTIONS
 SOUTH PARKWAY

SCALE: H:1"=5', V:1"=2.5' SHEET NO. OF SHEETS STA. 21+50 TO STA. 27+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	10-00072-00-BT	COOK	39	33
CONTRACT NO. 63805				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT FAP 343				



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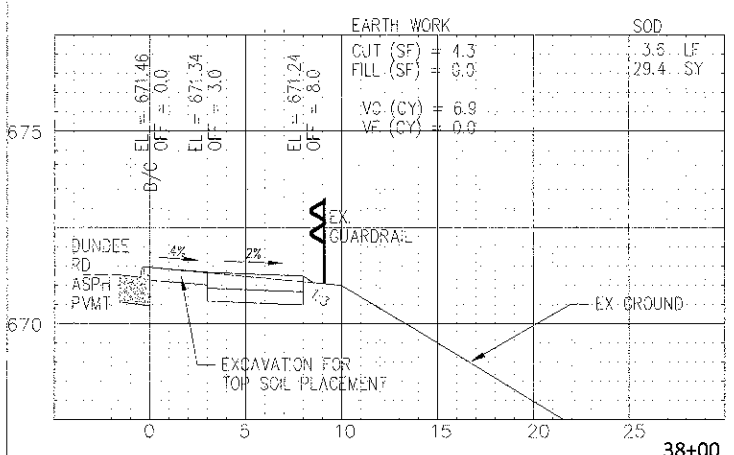
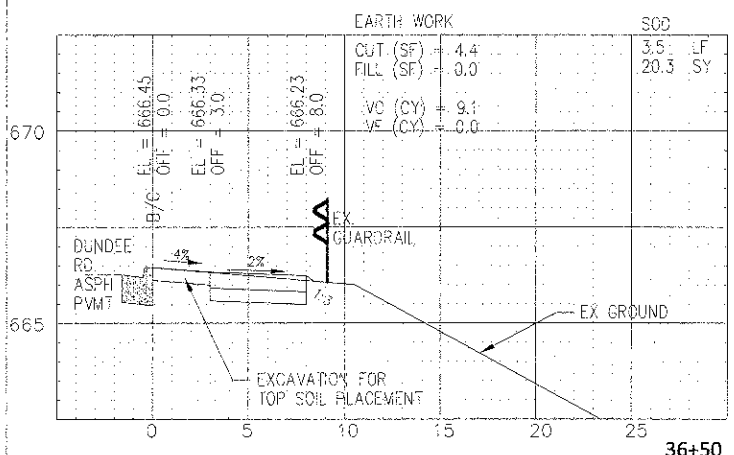
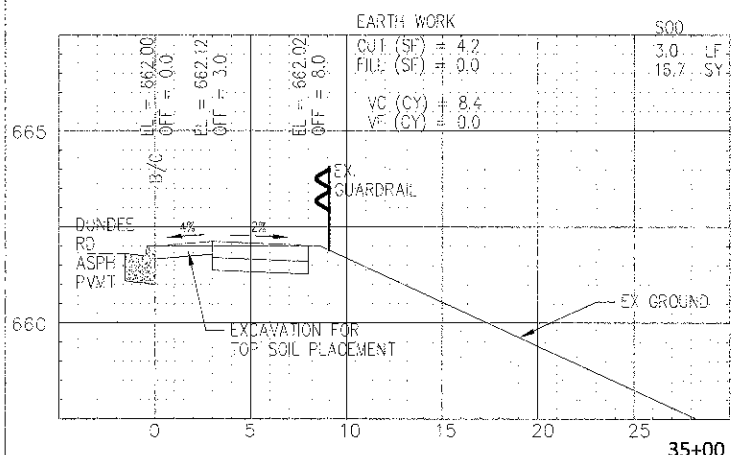
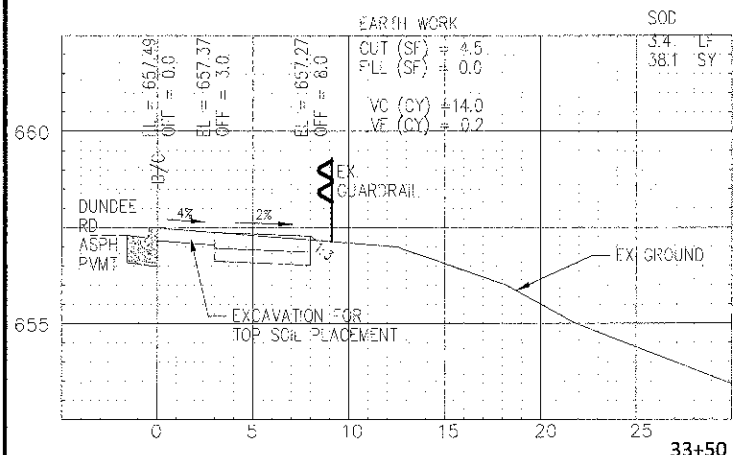
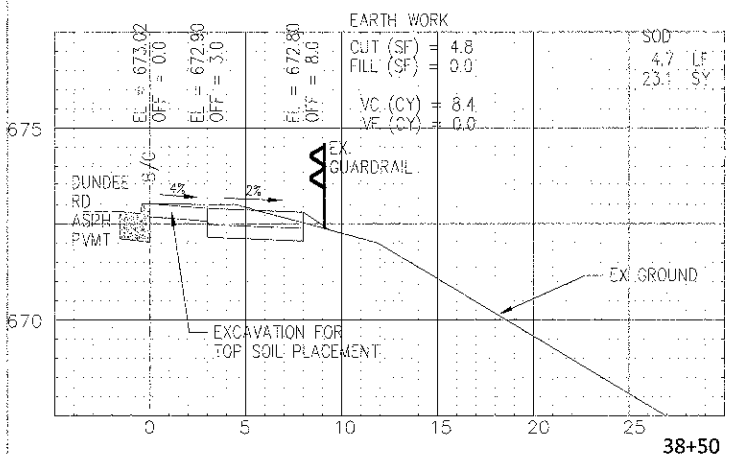
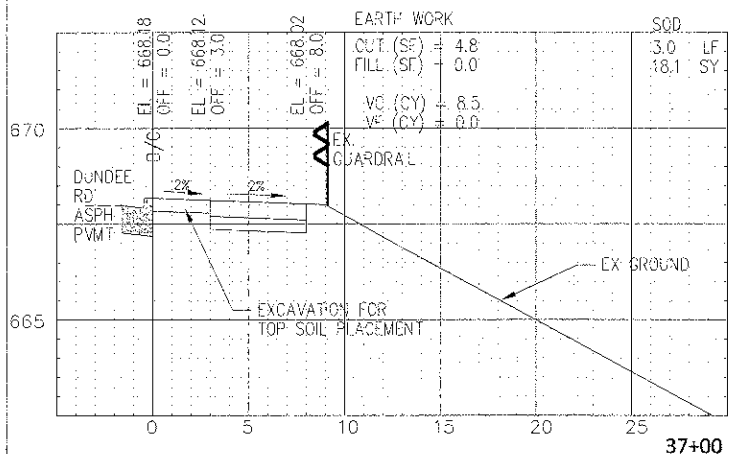
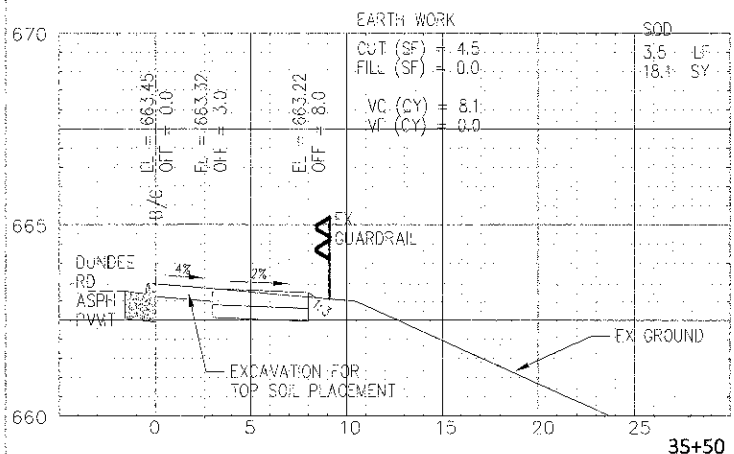
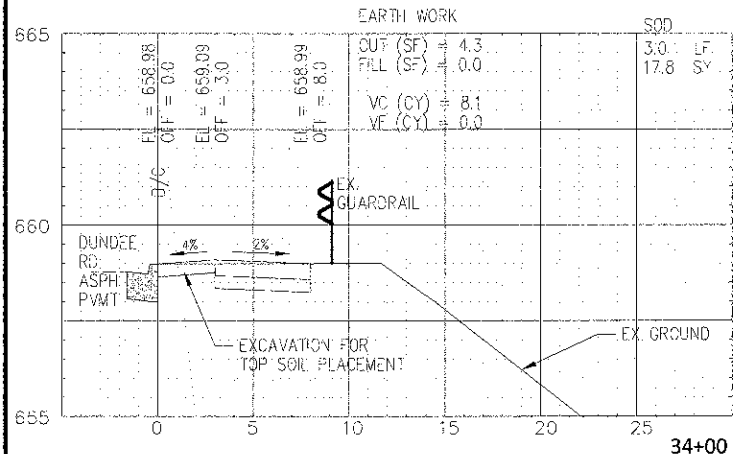
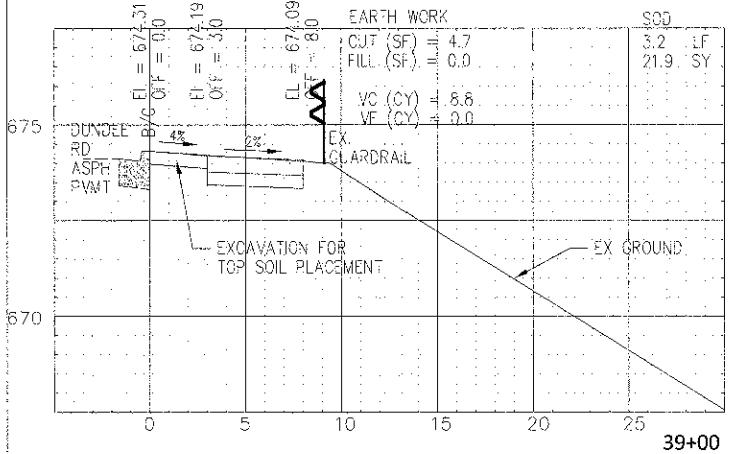
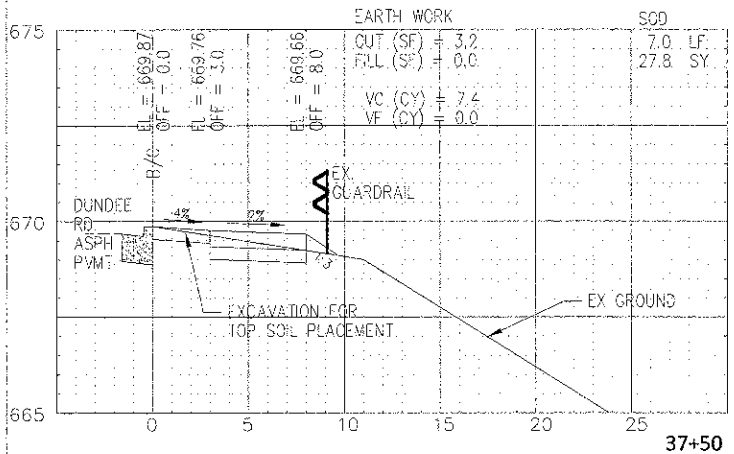
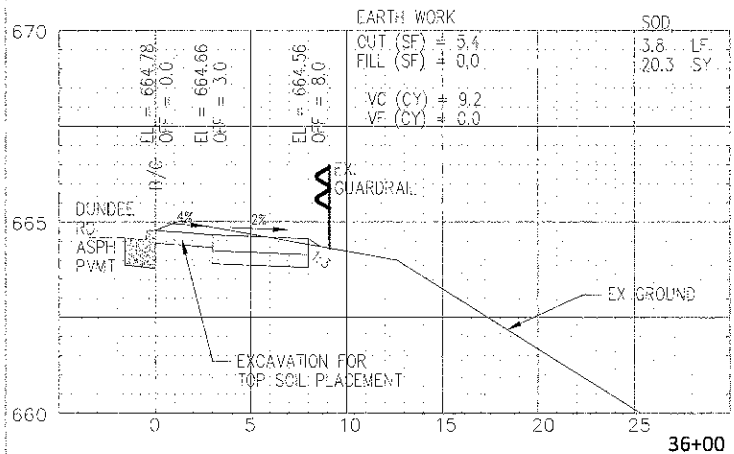
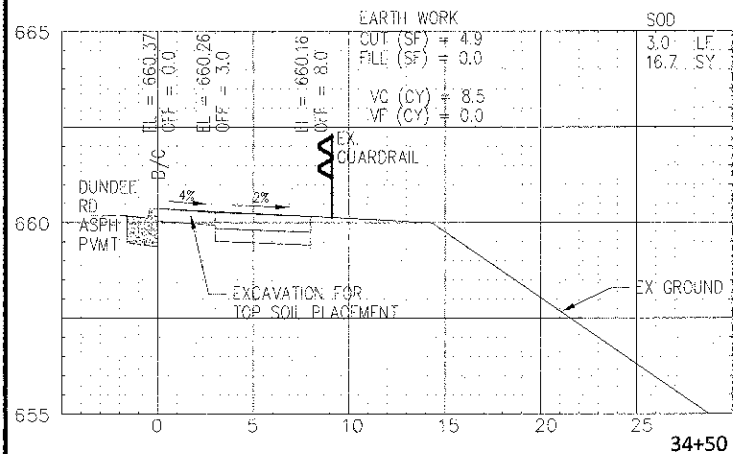
DATE:	DESIGNED: SW	REVISED:
PLOT SCALE:	DRAWN: MT	REVISED:
PLOT DATE:	CHECKED:	REVISED:
	DATE: 1/30/13	REVISED:

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED CROSS SECTIONS
 SOUTH PARKWAY

SCALE: H:1"=5', V:1"=2.5' SHEET NO. OF SHEETS STA. 27+50 TO STA. 33+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	10-00072-00-8T	COOK	39	34
CONTRACT NO. 63805				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	FAP 343	



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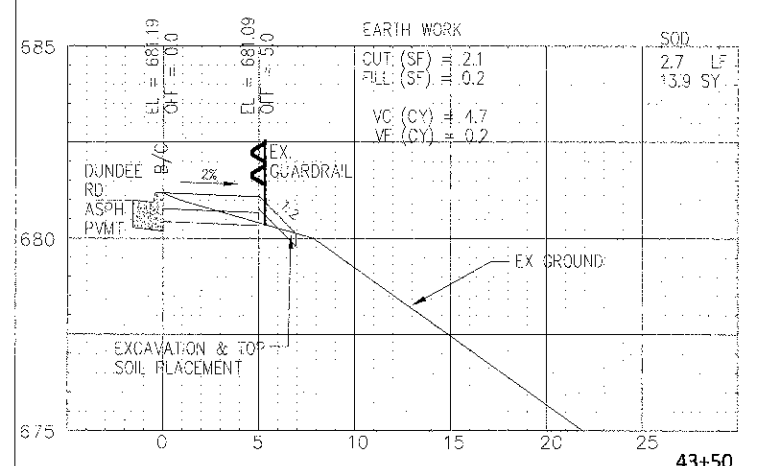
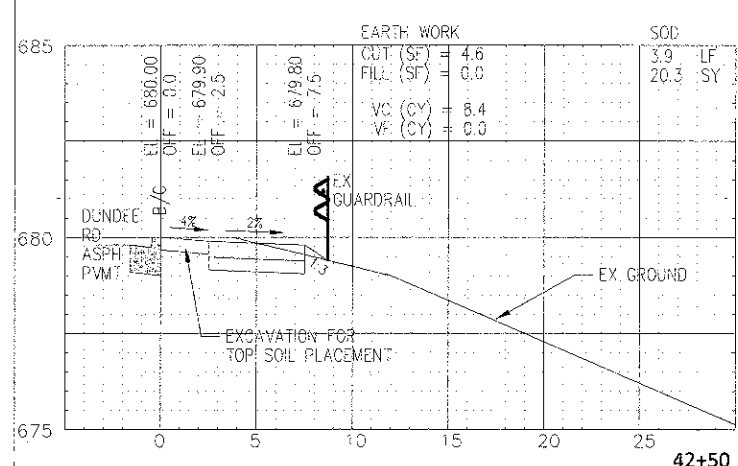
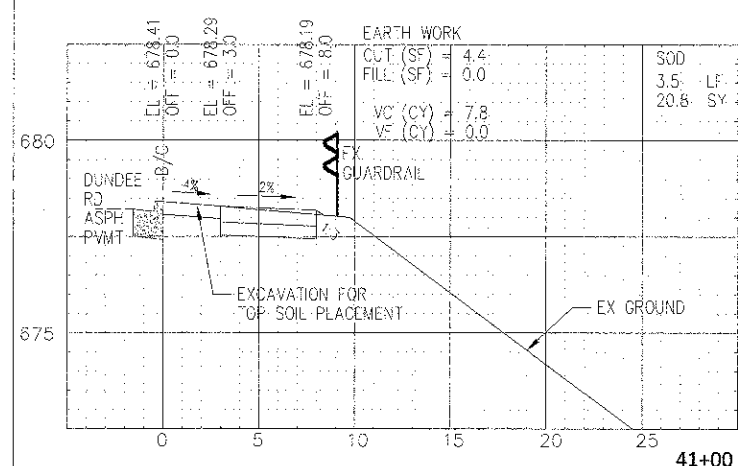
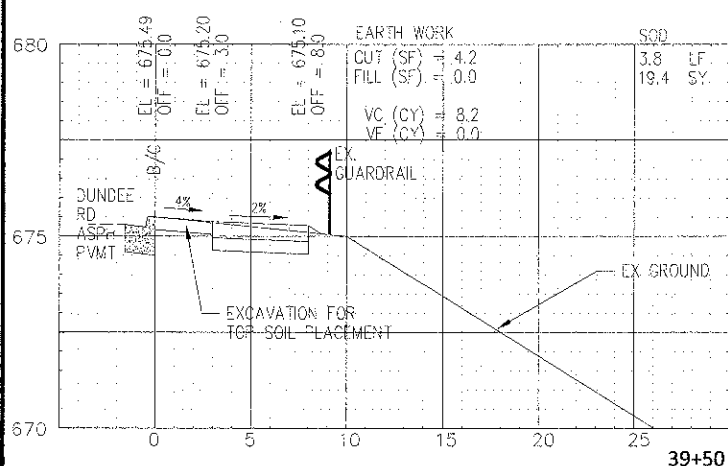
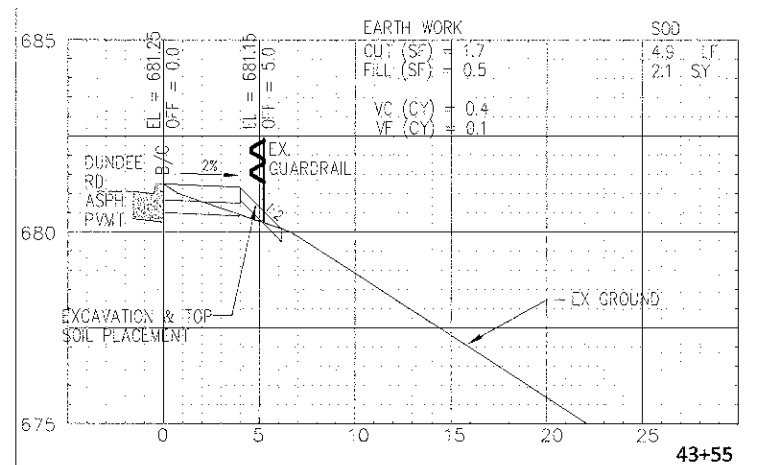
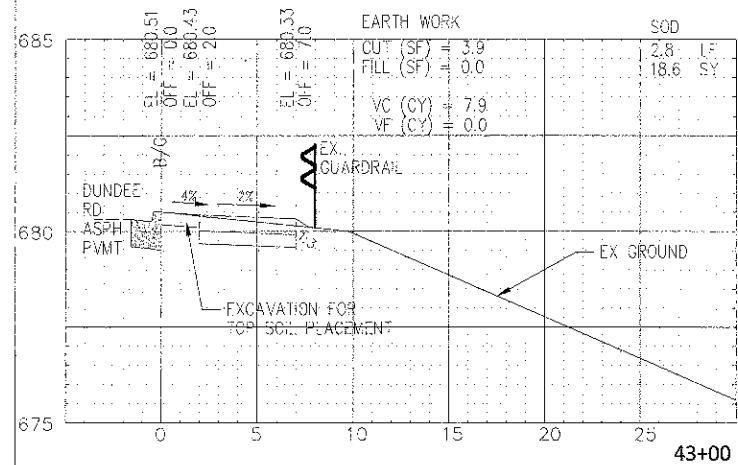
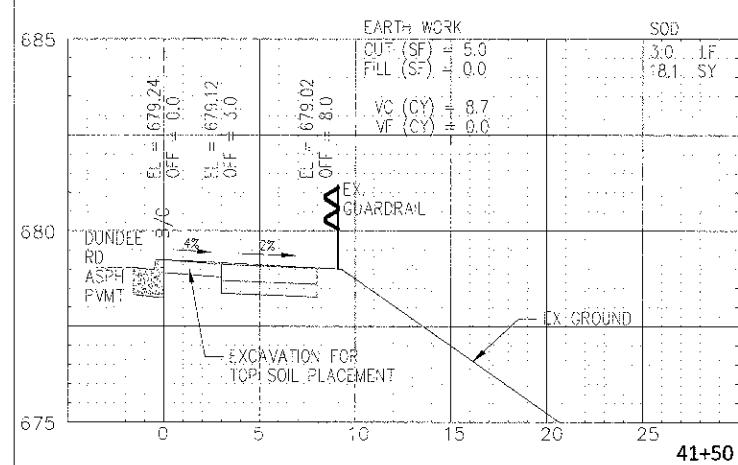
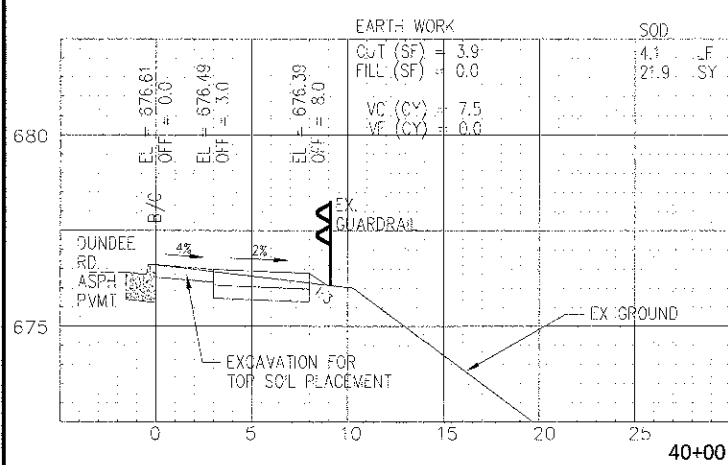
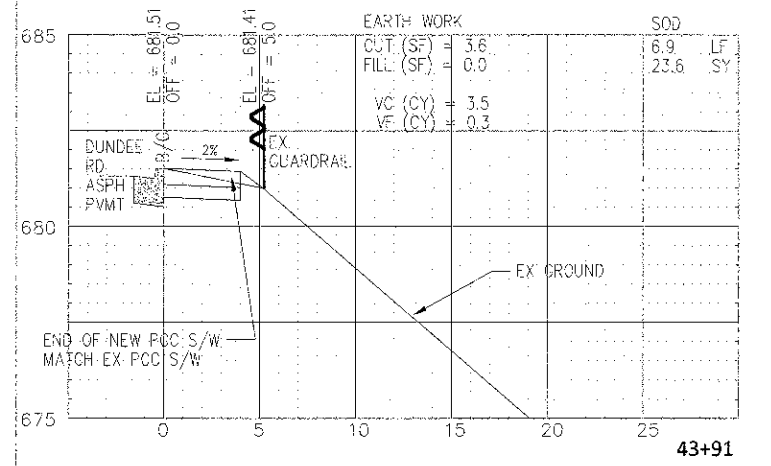
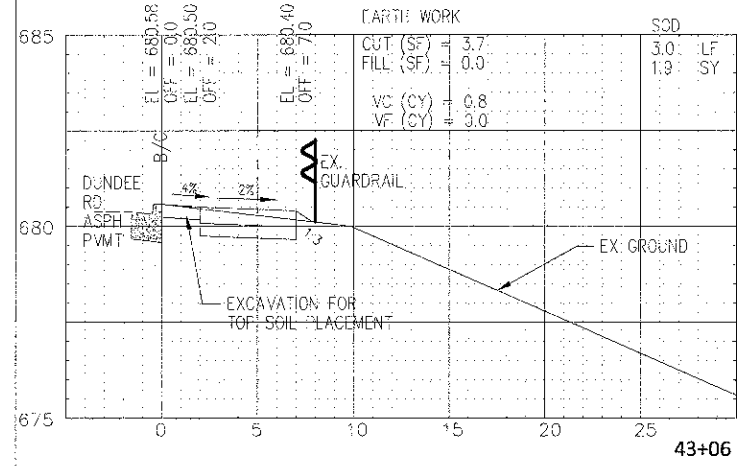
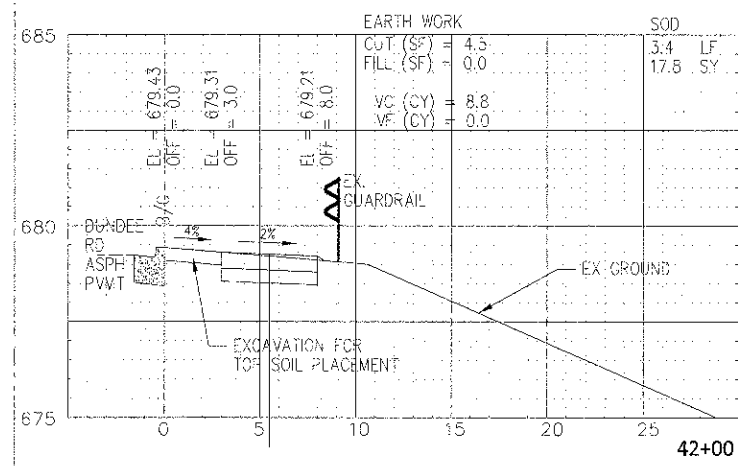
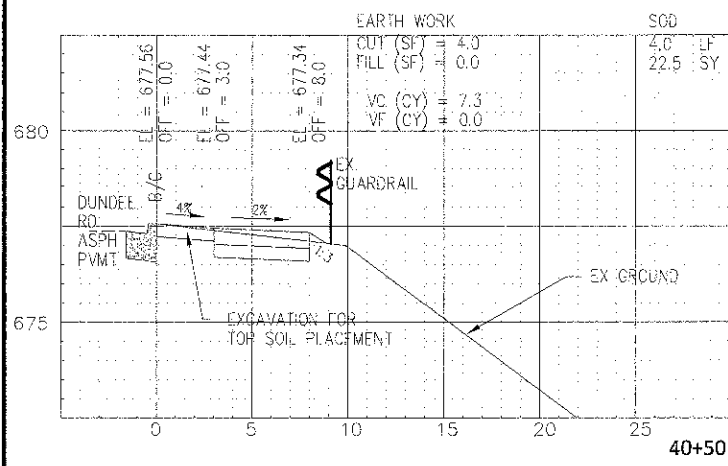
DATE:	DESIGNED: SW	REVISED:
PLOT SCALE:	DRAWN: MT	REVISED:
PLOT DATE:	CHECKED:	REVISED:
	DATE: 1/30/13	REVISED:

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED CROSS SECTIONS
 SOUTH PARKWAY

SCALE: H:1"=5', V:1"=2.5' SHEET NO. OF SHEETS STA. 33+50 TO STA. 39+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	10-00072-00-BT	COOK	39	35
CONTRACT NO. 63805				
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		FAP 343



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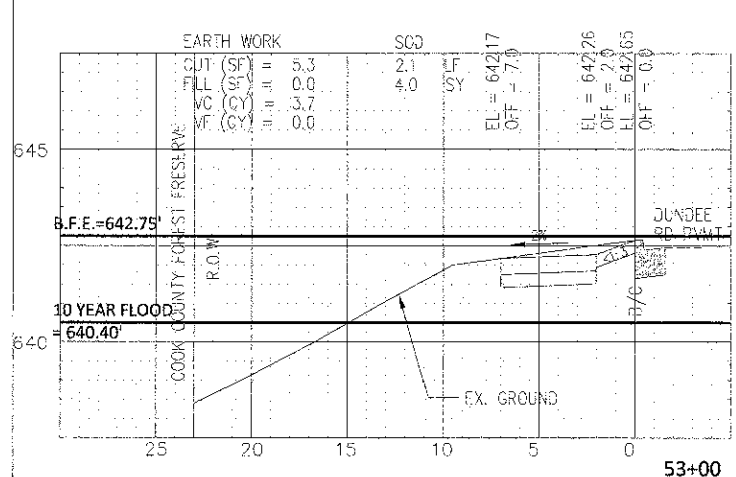
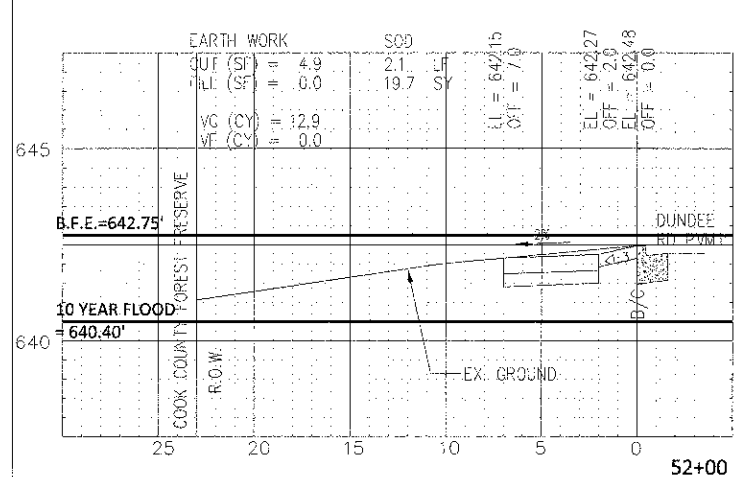
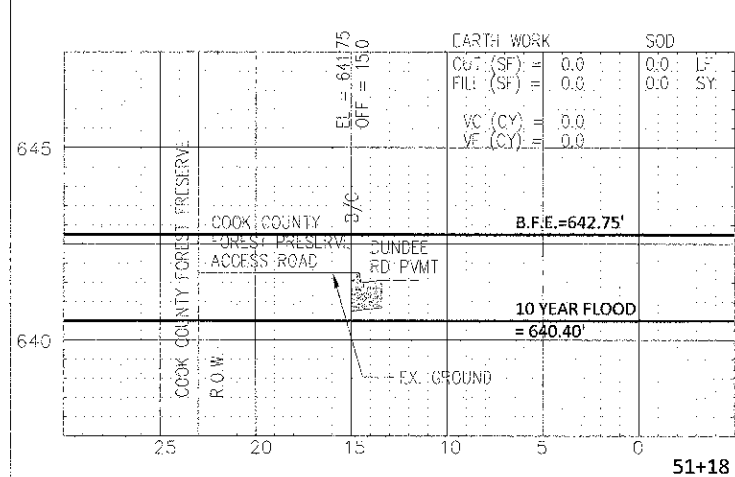
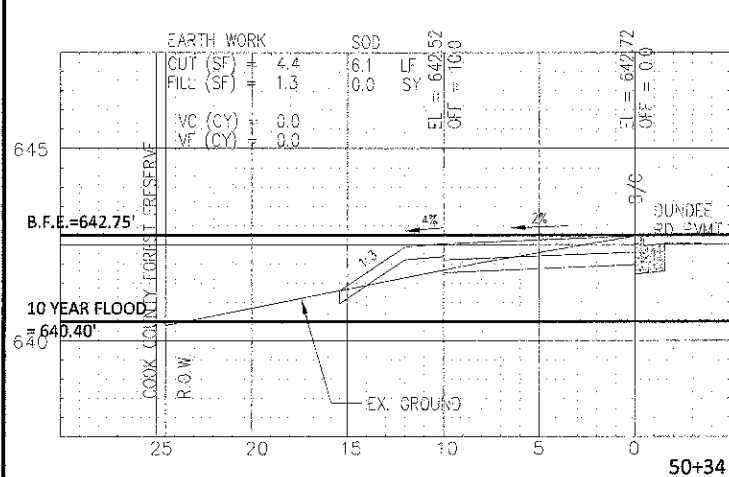
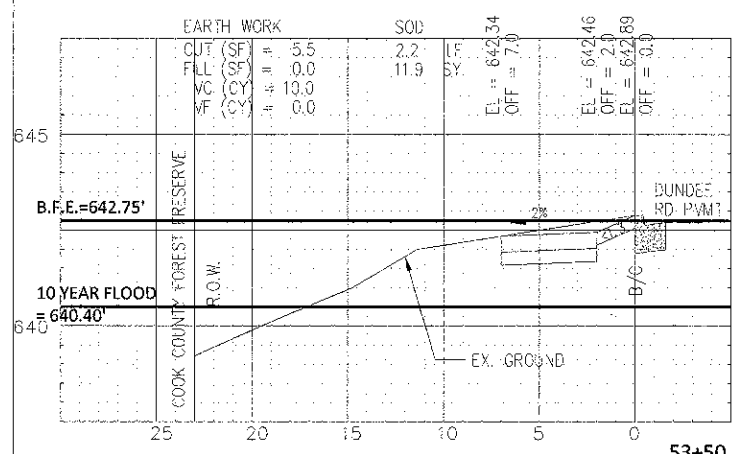
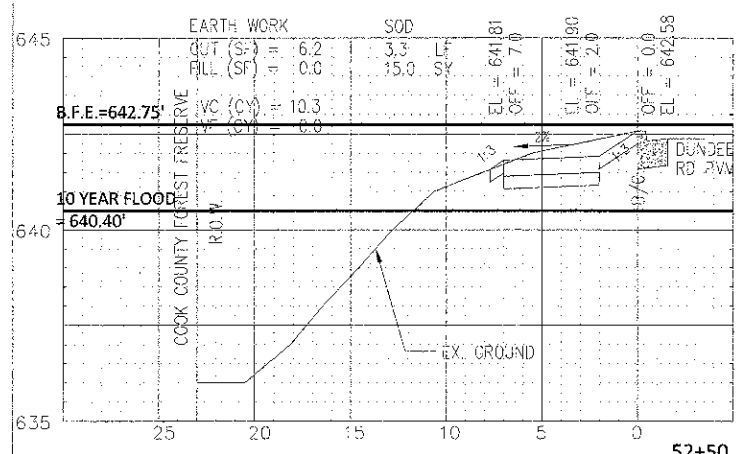
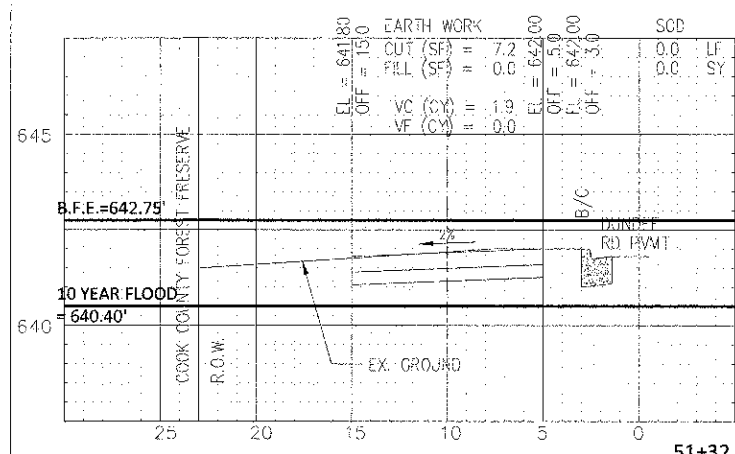
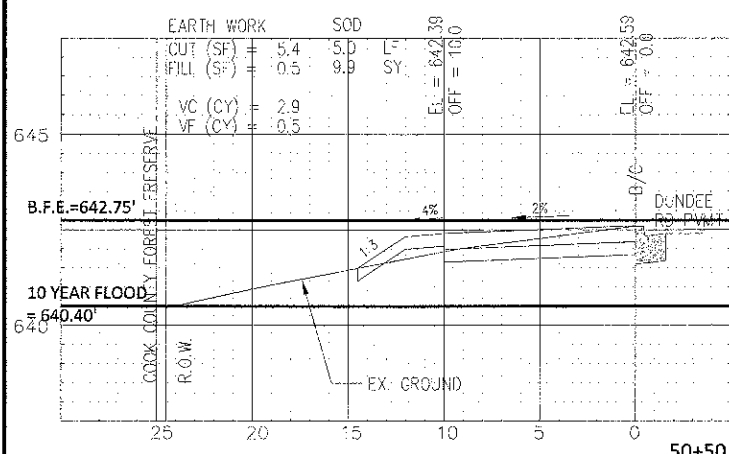
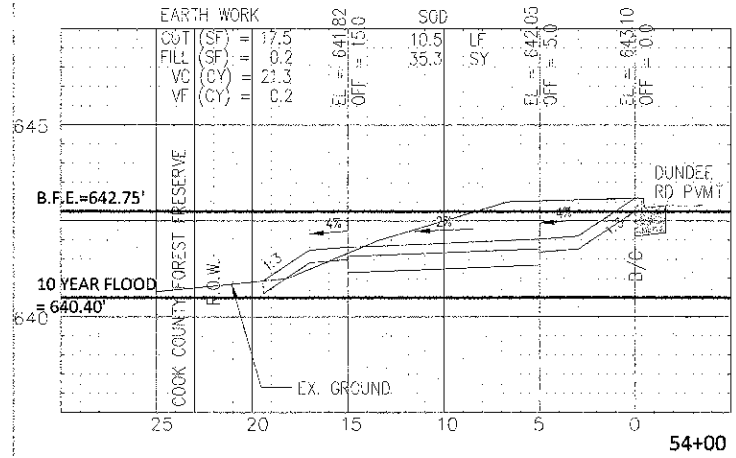
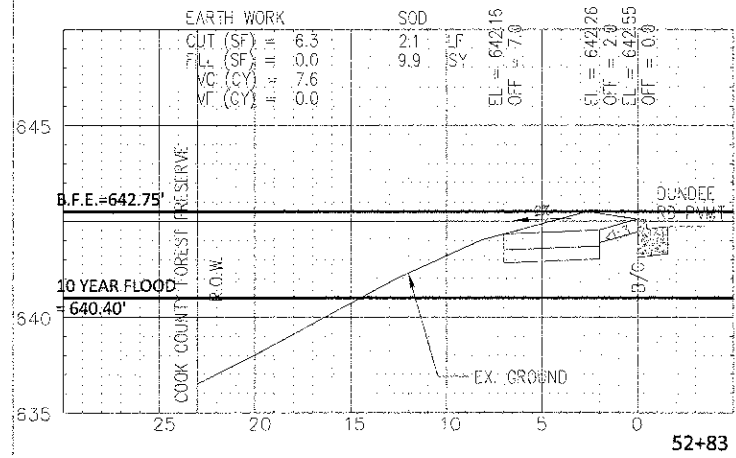
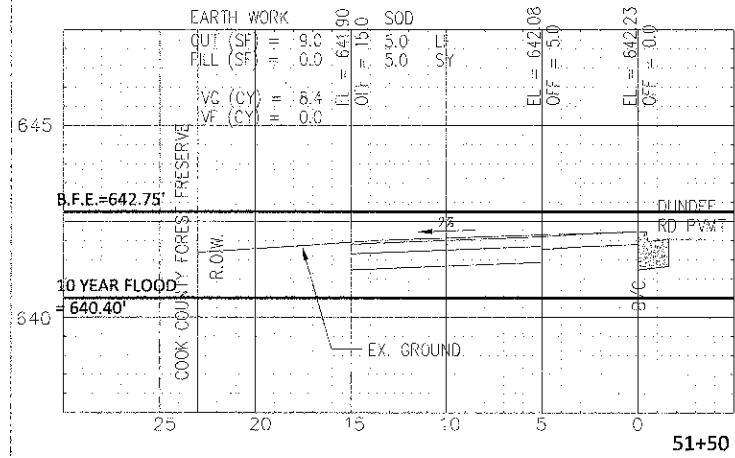
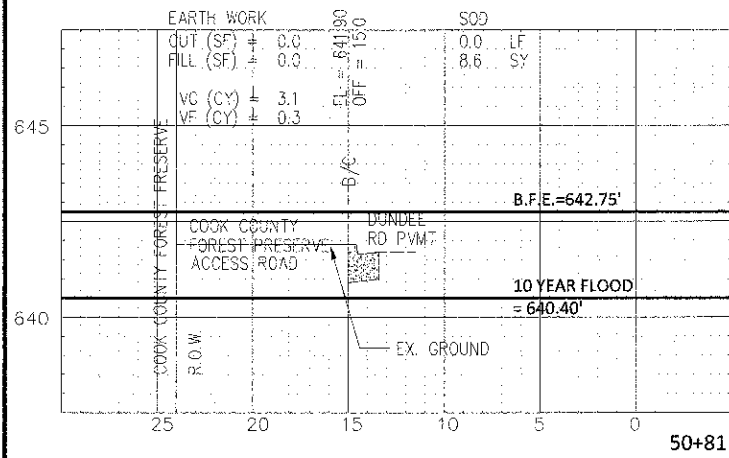
DATE:	DESIGNED: SW	REVISED:
PLOT SCALE:	DRAWN: MT	REVISED:
PLOT DATE:	CHECKED:	REVISED:
	DATE: 1/30/13	REVISED:

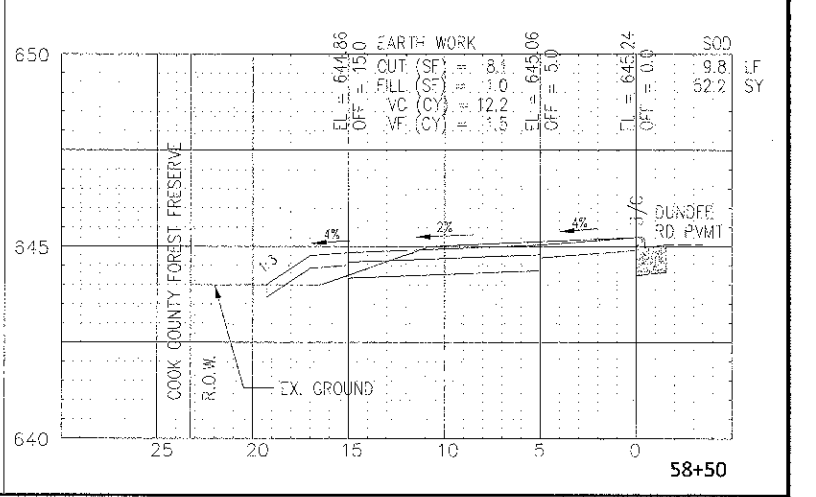
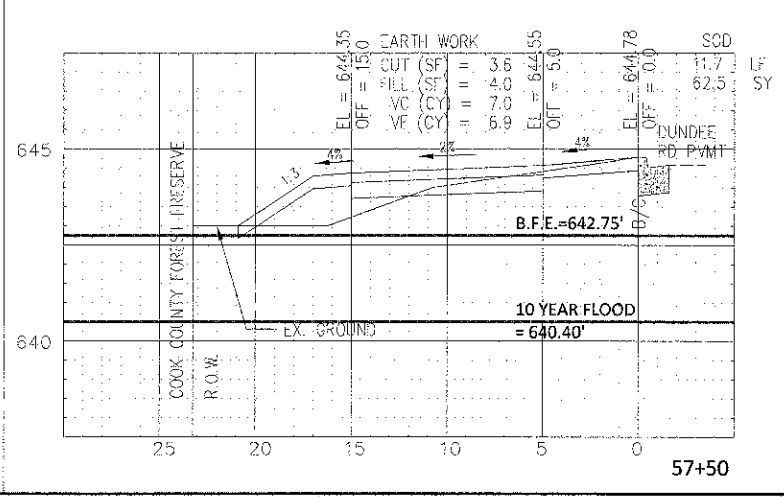
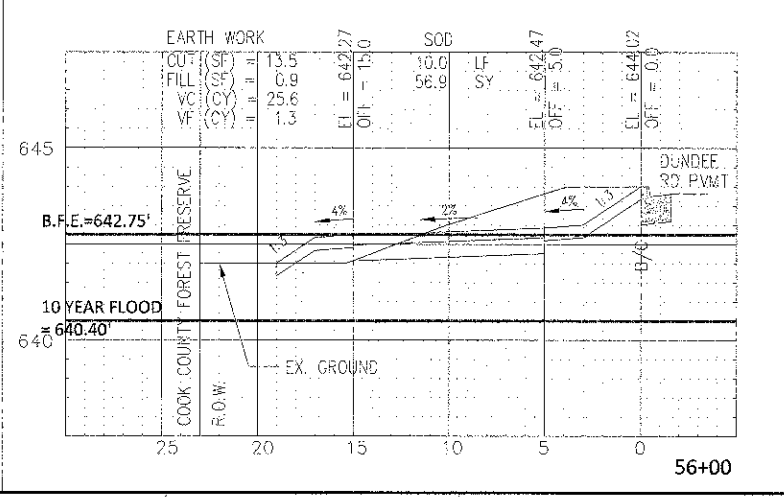
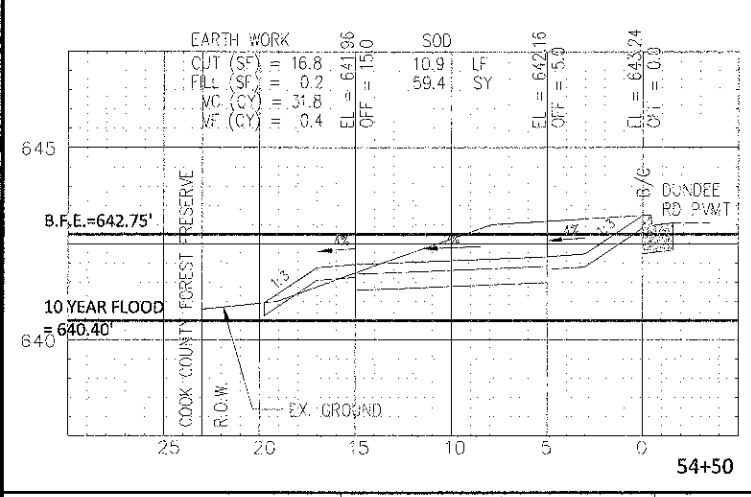
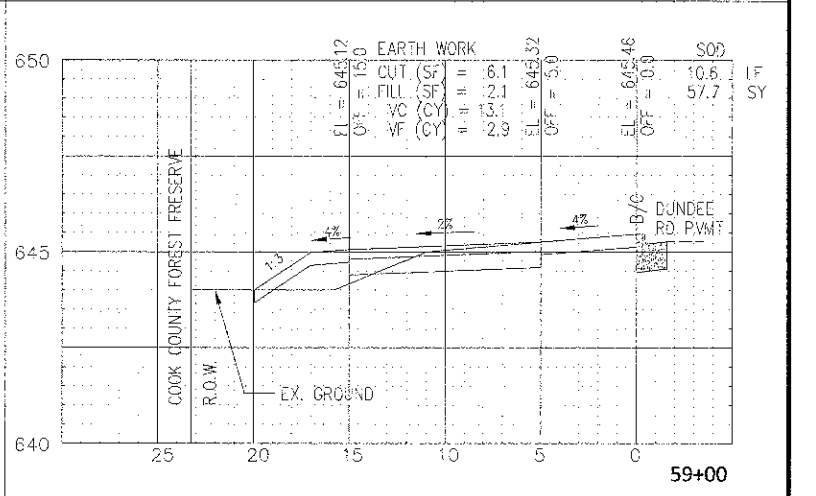
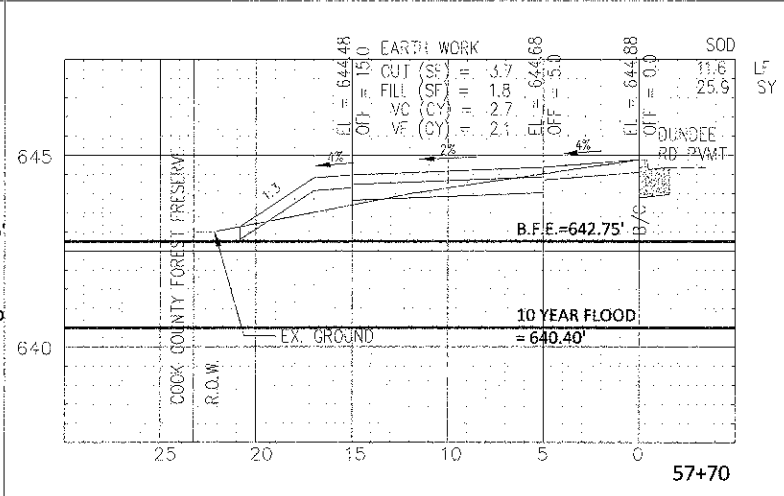
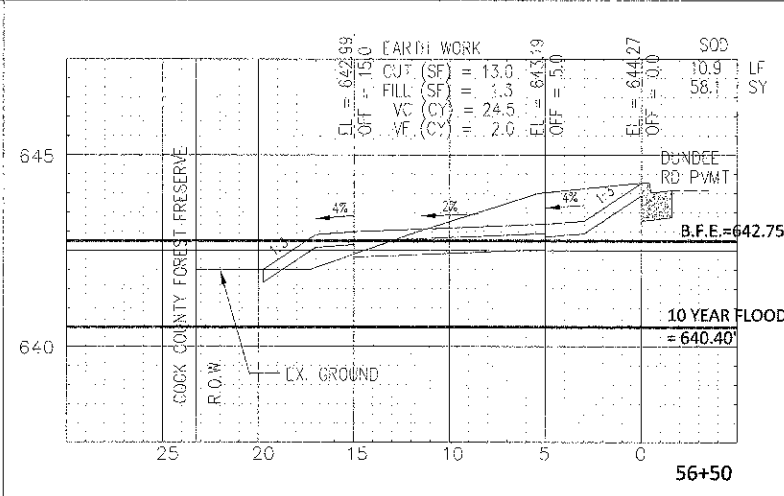
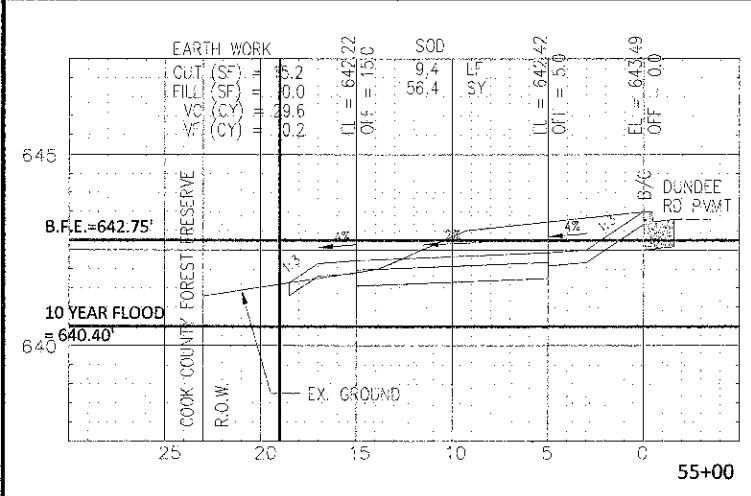
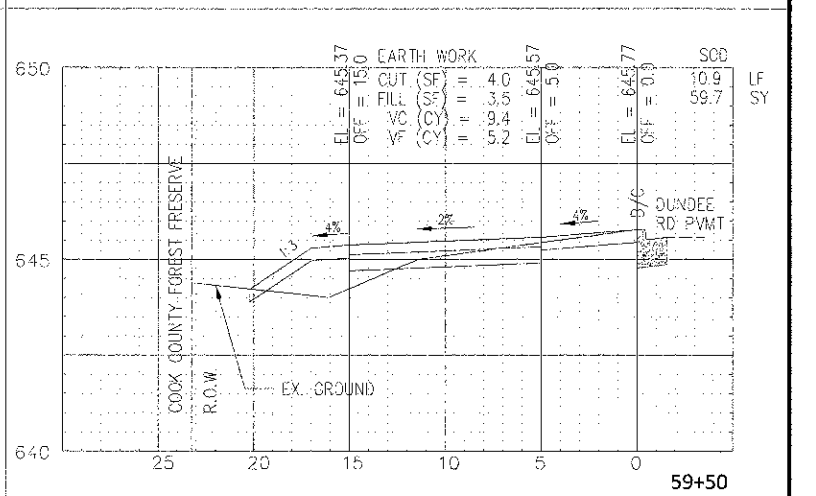
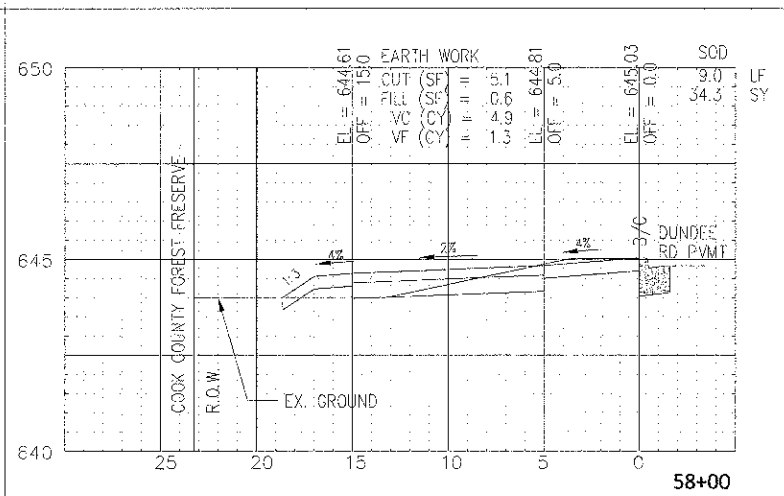
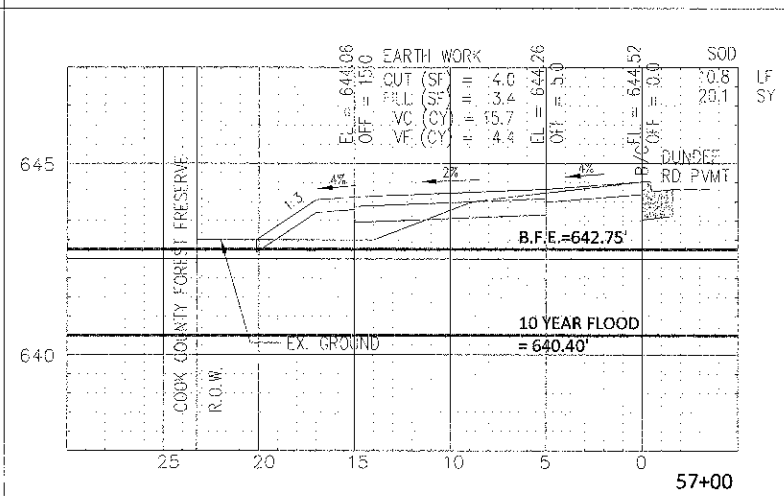
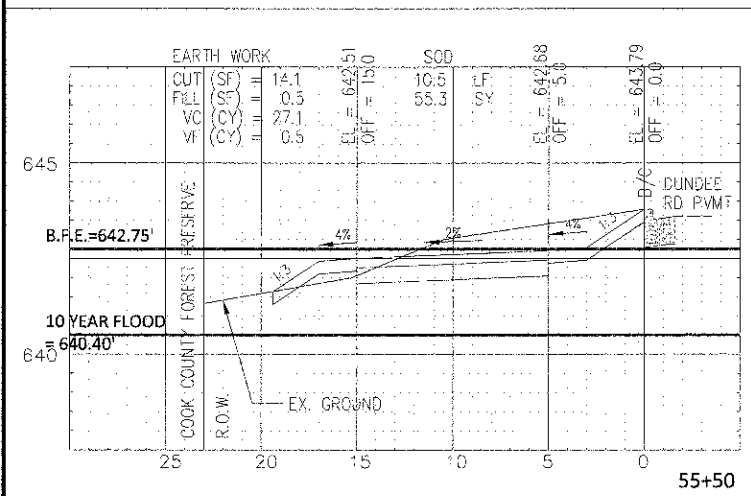
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED CROSS SECTIONS
SOUTH PARKWAY

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	10-00072-00-BT	COOK	39	36
CONTRACT NO. 63805				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	FAP 343	

SCALE: H:1"=5', V:1"=2.5' SHEET NO. OF SHEETS STA. 39+50 TO STA. 43+91





DATE:	DESIGNED: SW	REVISED:
PLOT SCALE:	DRAWN: MT	REVISED:
PLOT DATE:	CHECKED:	REVISED:
	DATE: 1/30/13	REVISED:

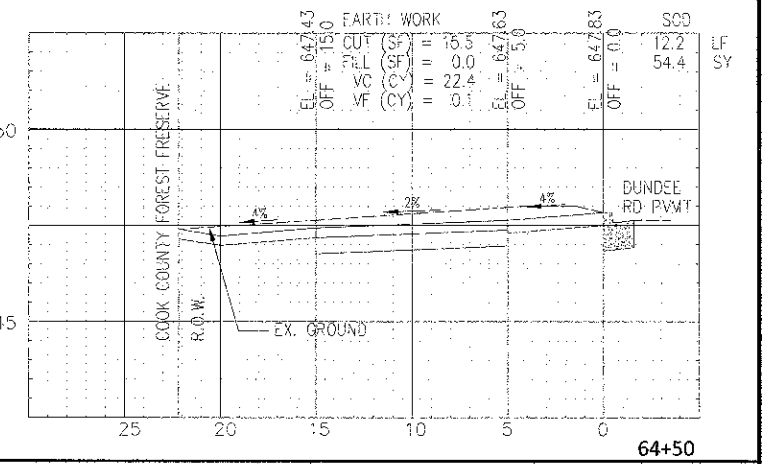
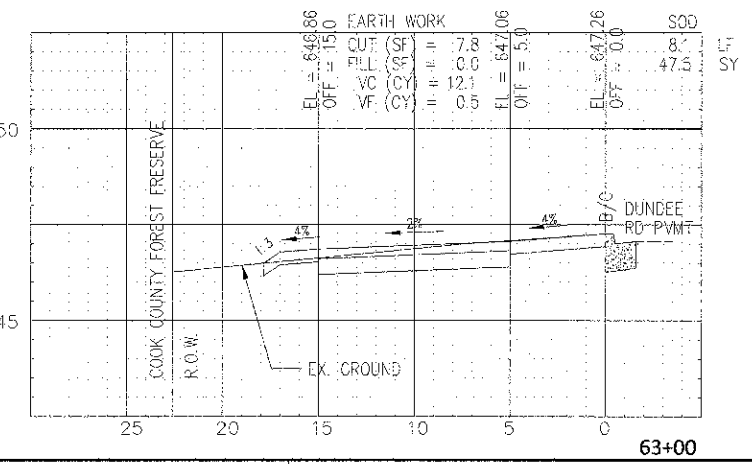
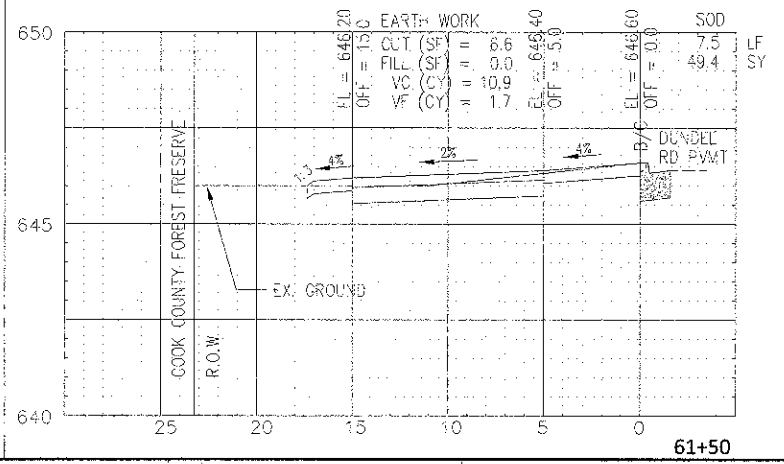
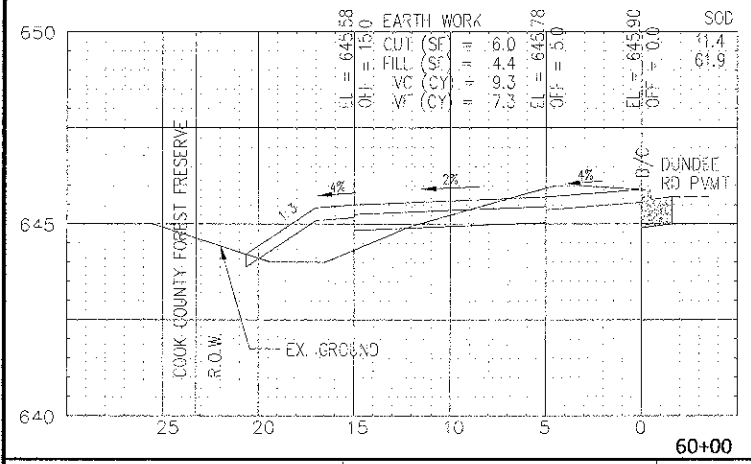
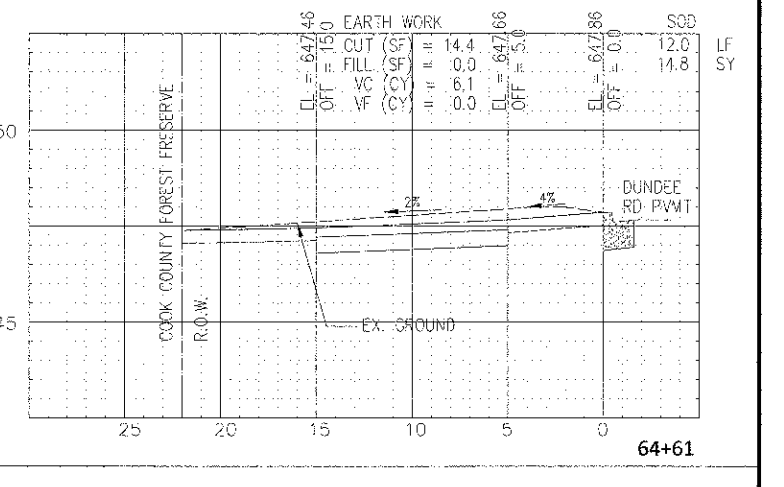
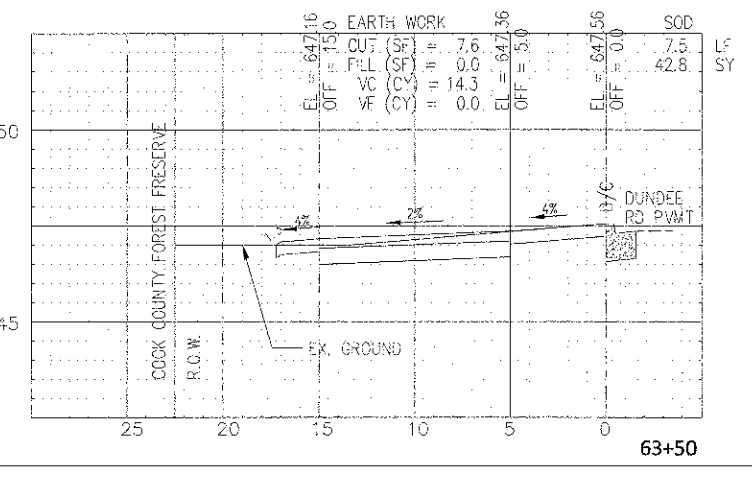
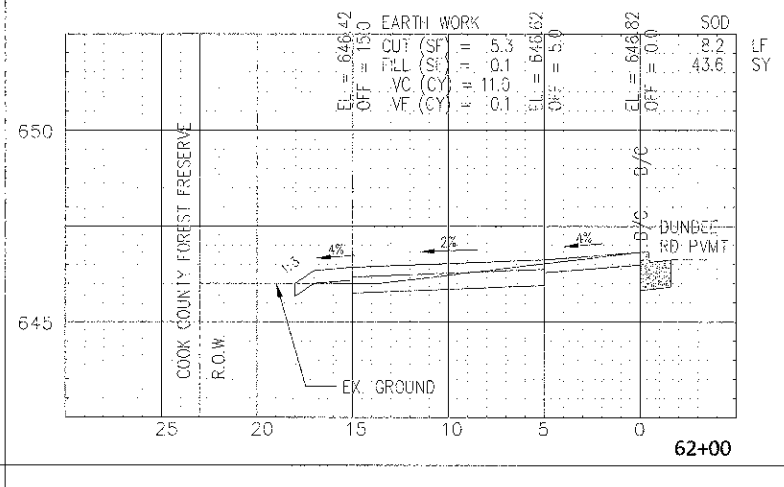
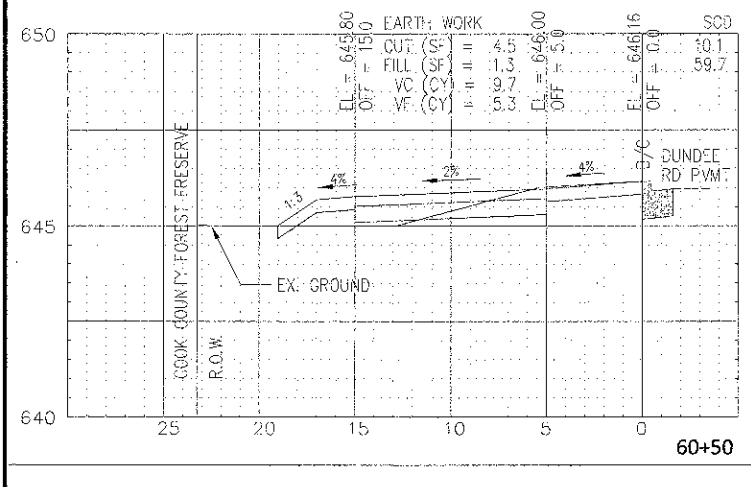
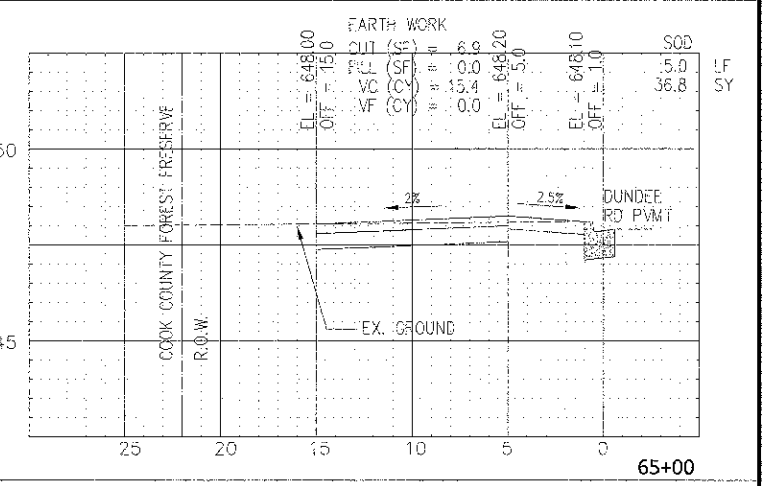
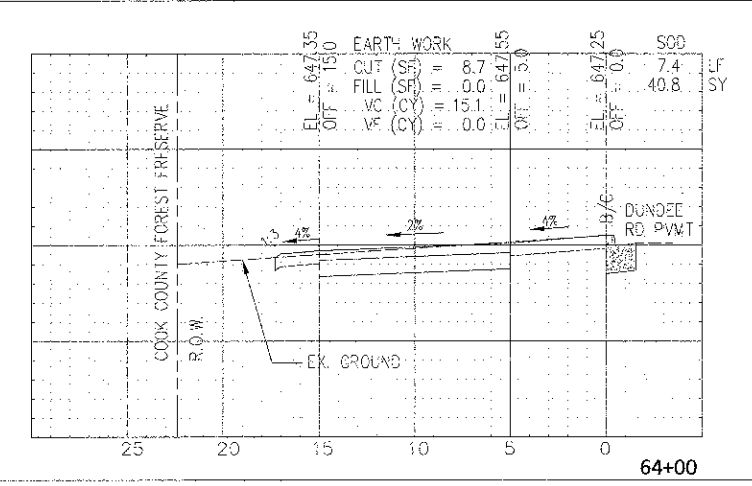
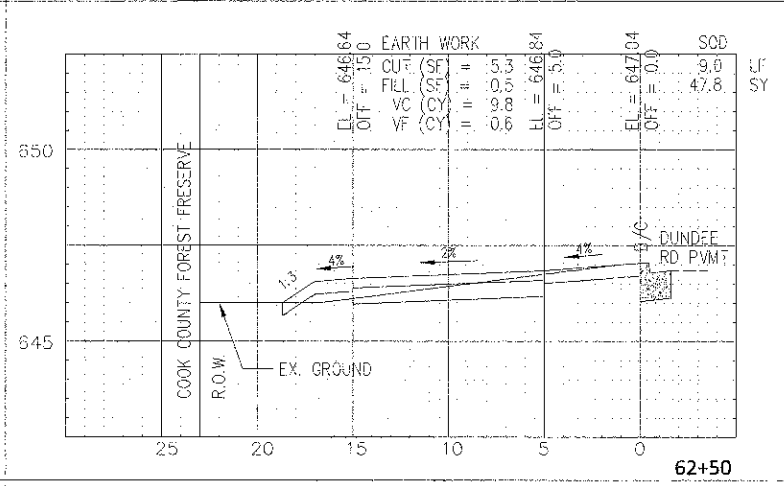
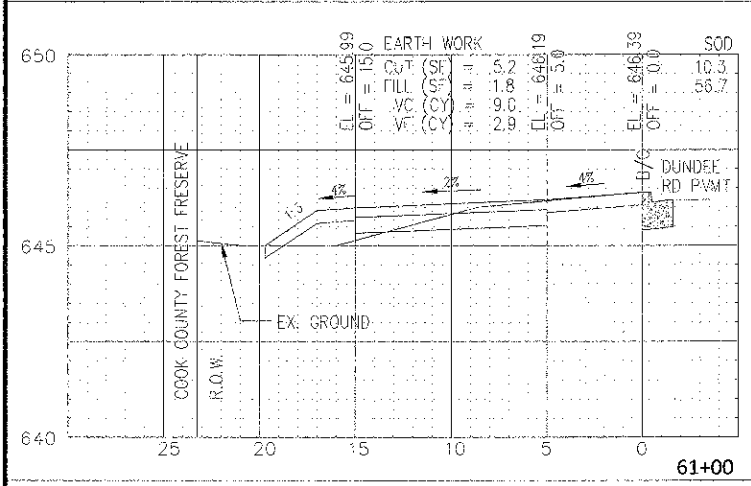
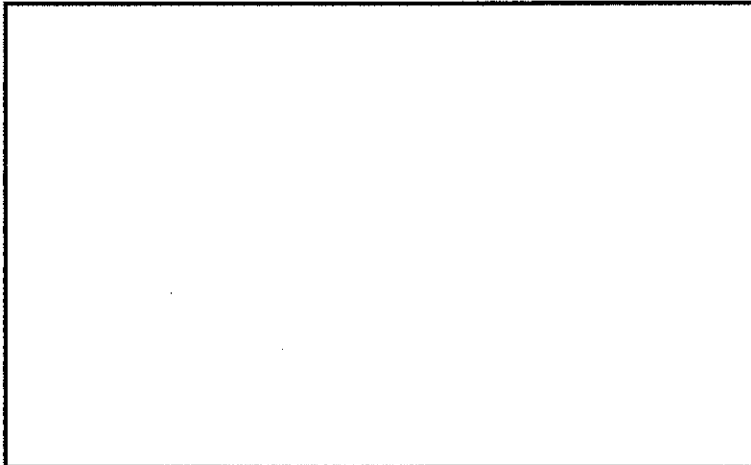
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED CROSS SECTIONS
NORTH PARKWAY**

SCALE: H:1"=5'; V:1"=2.5'

SHEET NO. OF SHEETS STA. 54+50 TO STA. 59+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	10-00072-00-BT	COOK	39	38
CONTRACT NO. 63805				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	FAP 343	



77 W. Hintz Rd, Wheeling, IL 60090 (847) 279-6900

DATE:	DESIGNED: SW	REVISED:
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	DATE: 1/30/13	REVISED:

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED CROSS SECTIONS
NORTH PARKWAY

SCALE: H:1"=5', V:1"=2.5' SHEET NO. OF SHEETS STA. 60+00 TO STA. 65+25

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	10-00072-00-BT	COOK	39	39
CONTRACT NO. 63805				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	FAP 343	