Asset #06342(Routine)
SH 182-SEC 0 over TERRE NOIR CREEK S FK
Location: 6.47MI W JCT US 67
Team Lead: John Parks **Inspection Date:** 10/07/2025

Bridge 06342 Inspection Report



Latitude:33.96110, Longitude:-93.24562

Route:182 Section:00 Log:6.468

Arnold Road ID:10x182x0xA, Arnold Log mile:6.134

District 07, 19 - Clark County

Owner: 1 - State Highway Agency

Inspection Direction: 3 - E to W

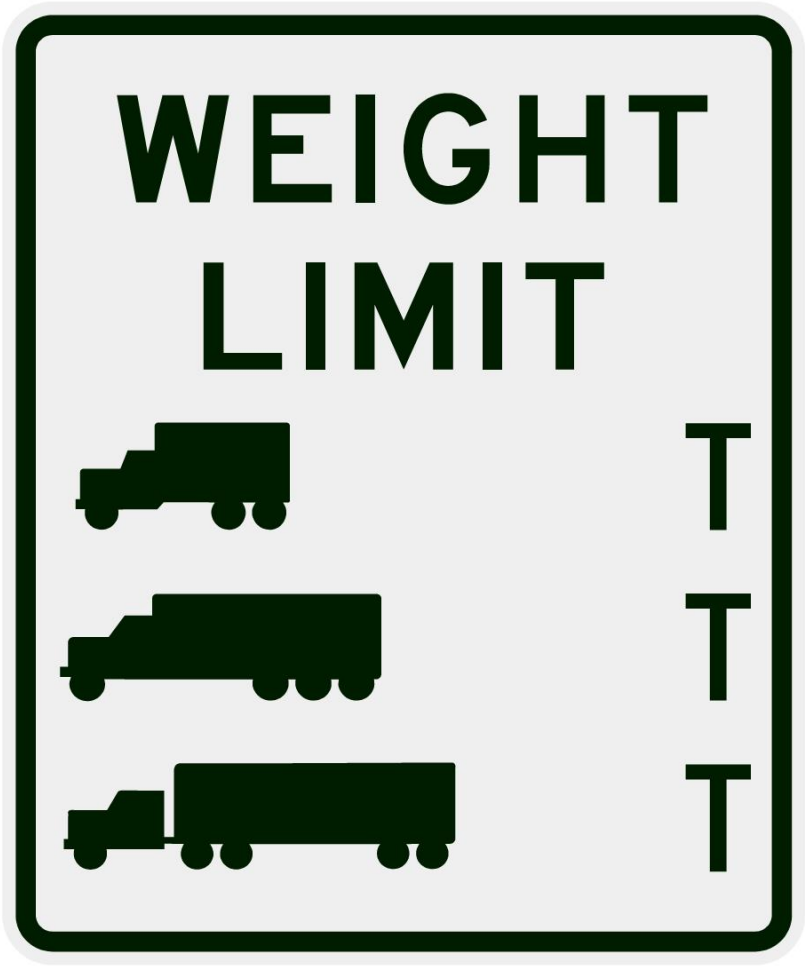
Bridge Posting Information

41 - Structure Open/Posted/Closed: A - Open, no restriction

70 - Bridge Posting: 5 - Equal to or above legal loads

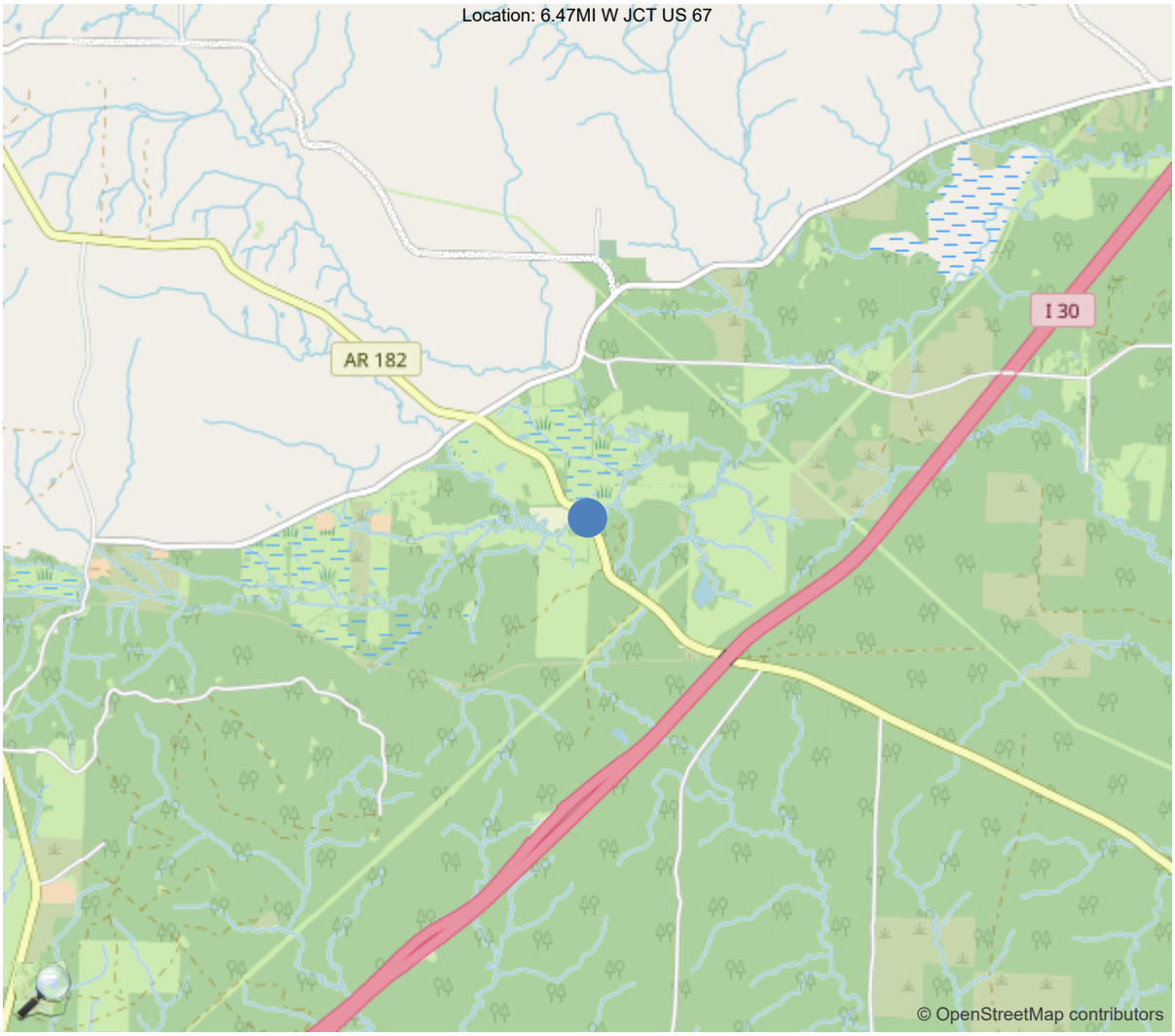
Legal Load	Calculated Capacity	Beginning of Bridge Sign Current Value	End of Bridge Sign Current Value
Code 4 (22 Tons)	36		
Code 9 (31 Tons)	40		
Code 5 (40 Tons)	47		

If calculated capacity is less than the Legal Load Listed, the Bridge Legally Requires Posting Signs to be installed by the Bridge Owner.



30"x36" AR

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33.96110, -93.24562

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National Bridge Inventory Data Sheet

IDENTIFICATION	
(1) State Names	5 - Arkansas
(8) Structure Number	06342
(5) Inventory Route	1
(2) Highway Agency District	07 - District 07
(3) County Code	19 - Clark County
(4) Place Code	0
(6) Features Intersected	TERRE NOIR CREEK S FK
(7) Facility Carried	SH 182-SEC 0
(9) Location	6.47MI W JCT US 67
(11) Mile Point	6.468 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	0000000000
(16) Latitude	33.9611
(17) Longitude	-93.24562
(98) Border Bridge State Code	
(99) Border Bridge Structure No.	
STRUCTURE TYPE AND MATERIAL	
(43) Main Structure Type	32
Material	3 - Steel
Type	2 - Stringer/Multi-beam or girder
(44) Approach Structure Type	00
Material	0 - Other
Type	0 - Other
(45) No. of Spans in Main Unit	3
(46) No. of Approach Spans	0
(107) Deck Structure Type	1 - Concrete Cast-in-Place
(108) Wearing Surface/Protective System	
Type of Wearing Surface	0 - None (no additional concrete thickne
Type of Membrane	0 - None
Type of Deck Protection	0 - None
AGE AND SERVICE	
(27) Year Built	1991
(106) Year Reconstructed	0
(42) Type of Service	15
On	1 - Highway
Under	5 - Waterway
(28) Lane	
On	2
Under	0
(29) Average Daily Traffic	140
(30) Year of ADT	2024
(109) Truck ADT	%
(19) Bypass, Detour Length	1 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	35 ft
(49) Structure Length	107 ft
(50) Curb or Sidewalk Width	
Left	0 ft
Right	0 ft
(51) Bridge Roadway Width Curb to Curb	27.9 ft
(52) Deck Width Out to Out	30.9 ft
(32) Approach Roadway Width (W/Shoulders)	40 ft
(33) Bridge Median	0 - No median
(34) Skew	0 Deg
(35) Structure Flared	0 - No flare
(10) Inventory Route Min Vert Clear	99.99 ft
(47) Inventory Route Total Horiz Clear	29.5 ft
(53) Min Vert Clear Over Bridge Rdwy	99.99 ft
(54) Min Vert Underclear	0 ft
Ref:	
(55) Min Lat Underclear RT	99.9 ft
Ref:	
(56) Min Lat Underclear LT	0 ft
NAVIGATION DATA	
(38) Navigation Control	0 - No navigation control on w
(111) Pier Protection	1 - Navigation protection not
(39) Navigation Vertical Clearance	0 ft
(116) Vert-Lift Bridge Nav Min Vert Clear	0 ft
(40) Navigation Horizontal Clearance	0 ft

CLASSIFICATION	
(112) NBIS Bridge Length	Y
(104) Highway System	0
(26) Functional Class	7 - Rural Major Collector
(100) Defense Highway	0 - The inventory route is not
(101) Parallel Structure	N - No parallel structure exis
(102) Direction of Traffic	2 - way traffic
(103) Temporary Structure	
(105) Federal Lands Highways	0 - N/A
(110) Designated National Network	0 - The inventory route is not
(20) Toll	3 - On free road. The structu
(21) Maintain	1 - State Highway Agency
(22) Owner	1 - State Highway Agency
(37) Historical Significance	5 - Bridge is not eligible for
CONDITION	
(58) Deck	7
(59) Superstructure	7
(60) Substructure	7
(61) Channel & Channel Protection	7
(62) Culverts	N
LOAD RATING AND POSTING	
(31) Design Load	5 - MS 18 / HS 20
(63) Operating Rating Method	1
(64) Operating Rating	
Type	1 - Load Factor(LF)
Rating	53
(65) Inventory Rating Method	1 - Load Factor(LF)
(66) Inventory Rating	
Type	
Rating	32
(70) Bridge Posting	5 - Equal to or above legal loads
(41) Structure Open/Posted/Closed	A - Open, no restriction
APPRAISAL	
(67) Structural Evaluation	
(68) Deck Geometry	6
(69) Clearances, Vertical/Horizontal	N
(71) Waterway Adequacy	8
(72) Approach Roadway Alignment	9
(36A) Bridge Railings	1 - Inspected feature meets current
(36B) Transitions	0 - Inspected feature does not meet
(36C) Approach Guardrail	0 - Inspected feature does not meet
(36D) Approach Guardrail Ends	0 - Inspected feature does not meet
(113) Scour Critical Bridges	7 - Countermeasures have been insta
PROPOSED IMPROVEMENTS	
(75) Type of Work	
(76) Length of Structure Improvement	0 ft
(94) Bridge Improvement Cost	$ 0
(95) Roadway Improvement Cost	$ 0
(96) Total Project Cost	$ 0
(97) Year of Improvement Cost Estimate	
(114) Future ADT	265
(115) Year of Future ADT	2028

INSPECTIONS *			
(90) Inspection Date			10/07/2025
(91) Frequency			24
(92) Critical Feature Inspection	Done	Freq. (Mon)	Date
A: Fracture Critical Detail	No		
B: Underwater Inspection	No		
C: Other Special Inspection	No		

* The inspection date and frequency information in this box contains the current NBI date and frequency information. Please refer to the report header for the date this inspection was conducted.

Asset #06342(Routine)
SH 182-SEC 0 over TERRE NOIR CREEK S FK
Location: 6.47MI W JCT US 67
Team Lead: John Parks **Inspection Date:** 10/07/2025

Inspection Notes

General Observation
This is a continuous span, steel multigirder bridge, with composite R.C. deck, R.C. caps, and Pre-cast R.C. Piles. The Routine inspection encompasses the assessment of all components of the bridge. Waders are worn to access the underside of the bridge. The tools used are flashlights, tape measures, pit gauges, level, and probing rod to identify and assess the severity of any defects.

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58 - Deck (7 - GOOD CONDITION - some minor problems.)
Deck is in good condition due to insignificant cracking and wear on the top surface and cracking with efflorescence in the overhangs.

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59 - Superstructure (7 - GOOD CONDITION - some minor problems.)
Superstructure is in good condition due to girders having no observed defects and the weathering steel surface is granular texture.

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60 - Substructure (7 - GOOD CONDITION - some minor problems.)
Substructure is good condition due to caps having minor spalls and one pile having a minor spall.

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62 - Culverts (N - Not applicable. Used if structure is not a culvert.)

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61 - Channel/Channel Protection (7 - Bank protection is in need of minor repairs. River control devices and embankment protection have a little minor damage. Banks and/or channel have minor amounts of drift.)
Channel is good condition due to banks having insignificant, erosion damage and being vegetated.

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71 - Waterway Adequacy (8 - Bridge deck above roadway approaches. Slight chance of overtopping roadway approaches.)

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72 - Approach Roadway Alignment (9 - Superior to present desirable criteria)

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113 - Scour Critical Bridges (7 - Countermeasures have been installed to mitigate an existing problem with scour and to reduce the risk of bridge failure during a flood event. Instructions contained in a plan of action have been implemented to reduce the risk to users from a bridge failure during or immediately after a flood event.)

A-51 - Inspection Direction (3 - E to W)

A-15 - Late Reason (N/A)

A-45 - Bats Present (0 - No)

A-108 - Load Rating Requested

A-119 - Scour Assessment Request

A-B.C.11 - B.C.11 Scour Condition Rating (New NBIS) (7 - Some minor scour.)
Scour condition is good due to insignificant scour at the bridge. Stream bed is silty clay material.

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National Bridge Element Quantities and Notes

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
12	Reinforced Concrete Deck	SF	3301	3288	13	0	0
1120	Efflorescence/Rust Staining	SF	13	0	13	0	0
1130	Cracking (RC and Other)	SF	75	75	0	0	0

(12) Span 1:
Top surface, 75SF transverse cracking CS1.
Left overhang, 2SF efflorescence CS2.
Right overhang, 3SF efflorescence CS2.

Span 1:
Top surface, 75SF transverse cracking CS1.
Left overhang, 2SF efflorescence CS2.
Right overhang, 2SF efflorescence CS2.

Span 1:
Top surface, 75SF transverse cracking CS1.
Left overhang, 2SF efflorescence CS2.
Right overhang, 2SF efflorescence CS2.

107	Steel Open Girder/Beam	LF	420	420	0	0	0
515	Steel Protective Coating	SF	2604	0	2604	0	0
3440	Effectiveness (Steel Protective Coatings)	SF	2604	0	2604	0	0

(107) Span 1:
Girder 1, no defects observed.
Girder 2, no defects observed.
Girder 3, no defects observed.
Girder 4, no defects observed.

Span 2:
Girder 1, no defects observed.
Girder 2, no defects observed.
Girder 3, no defects observed.
Girder 4, no defects observed.

Span 3:
Girder 1, no defects observed.
Girder 2, no defects observed.
Girder 3, no defects observed.
Girder 4, no defects observed.

(515-107) All weathering steel patina is granular texture. 2604SF effectiveness CS2.

215	Reinforced Concrete Abutment	LF	100	100	0	0	0

(215) Bent 1:
No defects observed.

Bent 4:
No defects observed.

227	Reinforced Concrete Pile	EA	10	9	1	0	0

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ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
1080	Delamination/Spall/Patched Area	EA	1	0	1	0	0
(227) Bent 2: Pile 1, 1Each spall CS2. Pile 2, no defects observed. Pile 3, no defects observed. Pile 4, no defects observed. Pile 5, no defects observed. Bent 3: Pile 1, no defects observed. Pile 2, no defects observed. Pile 3, no defects observed. Pile 4, no defects observed. Pile 5, no defects observed.							
234	Reinforced Concrete Pier Cap	LF	60	60	0	0	0
(234) Bent 2: Back side, 1LF spall CS2. Bent 3: No defects observed.							
302	Compression Joint Seal	LF	124	94	10	20	0
2310	Leakage	LF	10	0	10	0	0
2330	Seal Damage	LF	20	0	0	20	0
(302) Joint 1: No defects observed. Joint 2: 10LF leaking CS2. Joint 3: 20LF seal damage CS3. Joint 4: No defects observed.							
311	Movable Bearing	EA	8	8	0	0	0
(311) No defects observed.							
313	Fixed Bearing	EA	8	8	0	0	0
(313) No defects observed.							
331	Reinforced Concrete Bridge Railing	LF	214	211	3	0	0
1080	Delamination/Spall/Patched Area	LF	1	0	1	0	0
1090	Exposed Rebar	LF	2	0	2	0	0
(331) Left Rail: Span 1, 2LF exposed rebar CS2, 1LF spall CS2. Right Rail: No defects observed.							

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Inspection Photos and Notes



Elevation



Deck overview



Under surface of deck



Typical superstructure

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Typical substructure



Channel left side downstream



Channel right side upstream



Approach

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Dirt and debris and gutter lines

Routine Maintenance

Check Box Maintenance Items

Type of Maintenance	Is Recommended?
A-54 - Sealable Deck Cracks	No
A-55 - Deck Washing Needed	Yes
A-56 - Joint Cleaning/Flushing Needed	No
A-57 - Beam End and Bearing Paint Needed	No
A-58 - Cap Cleaning/Flushing Needed	No
A-59 - Joint Repair Needed	No
A-60 - Full Beam Painting Needed	No
A-61 - Polymer Overlay Advised	No
A-62 - Hydro and LMC Advised	No
A-63 - Missing/Incorrect Log Mile Signage	Yes
A-64 - Vegetation Removal Requested	No
A-65 - Clogged deck drains?	
A-66 - Approach minor pothole/leveling needed	

A-54 - Sealable Deck Cracks (No)

A-55 - Deck Washing Needed (Yes)



Dirt and debris and gutter lines

A-56 - Joint Cleaning/Flushing Needed (No)

A-57 - Beam End and Bearing Painting Needed (No)

A-58 - Cap Cleaning/Flushing Needed (No)

A-59 - Joint Repair Needed (No)

A-60 - Full Beam Painting Needed (No)

A-61 - Polymer Overlay Advised (No)

A-62 - Hydro and LMC Advised (No)

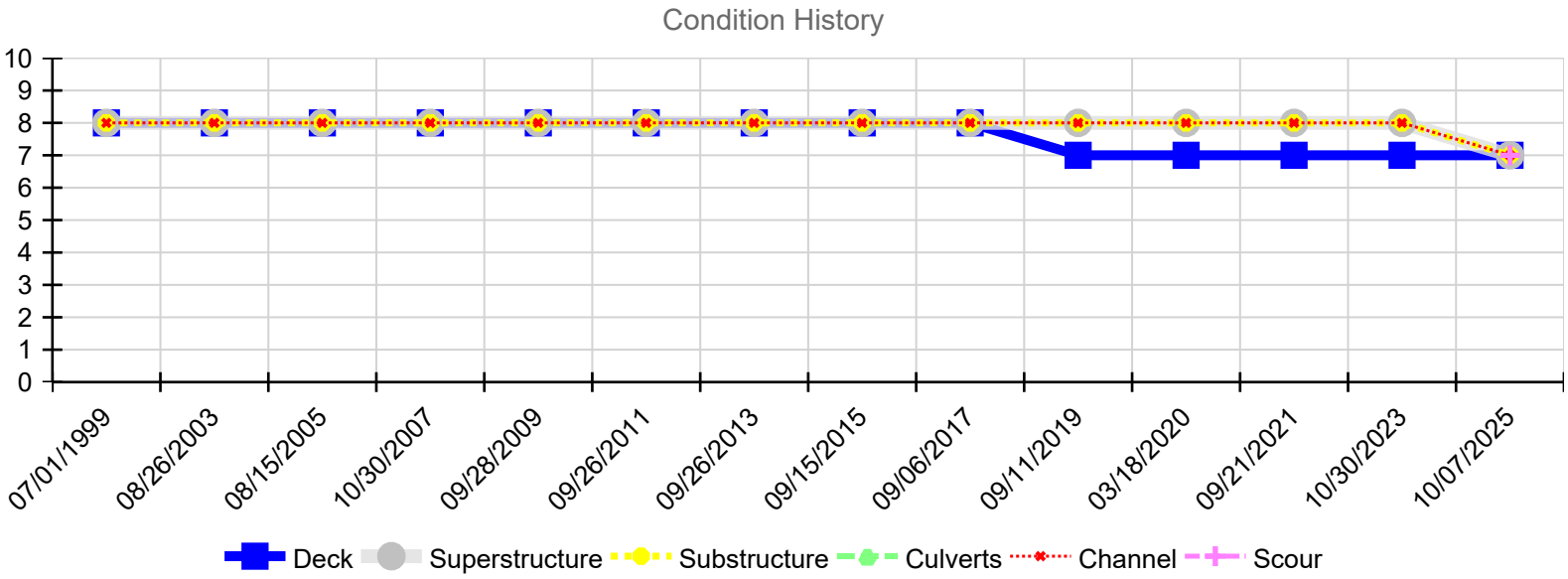
A-63 - Missing/Incorrect Log Mile Signage (Yes)
Log mile signs missing both ends.

A-64 - Vegetation Removal Requested (No)

A-65 - Clogged deck drains?

A-66 - Approach minor pothole/leveling needed

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Inspection Date	Deck	Superstructure	Substructure	Culverts	Channel	Scour
10/07/2025	7	7	7	N	7	7
10/30/2023	7	8	8	N	8	N
09/21/2021	7	8	8	N	8	N
03/18/2020	7	8	8	N	8	N
09/11/2019	7	8	8	N	8	N
09/06/2017	8	8	8	N	8	N
09/15/2015	8	8	8	N	8	N
09/26/2013	8	8	8	N	8	N
09/26/2011	8	8	8	N	8	N
09/28/2009	8	8	8	N	8	N
10/30/2007	8	8	8	N	8	N
08/15/2005	8	8	8	N	8	N
08/26/2003	8	8	8	N	8	N
07/01/1999	8	8	8	N	8	N