

CENTRAL REGION DOT/PF Intersection Signing Layout Notes

1. **PURPOSE:** Increase motorist comprehension through sign consistency and patterns at junctions. Minimize sign clutter, but allow for signs required by state standards and permitted by state law.
2. Do not block a STOP sign silhouette with a back mounted sign. Use a larger STOP sign or smaller back mounted sign as needed.
3. Mount smaller signs (≤ 42 " wide) on luminaire poles or other available supports.
4. Do not block view of larger signs (>42 " wide). Strive to maintain at least 400 feet clearance approaching larger signs.
5. Use separations down to 200 feet for smaller signs, as needed to preserve space for Essential signs.
6. Fit most interchange related signing within 1/2 mile of the interchange structure. This allows space for signs related to the next intersection or interchange exit or entrance.

7. Consolidate Emergency Services (Fire, Police, Medical) and Generic Motorist Service Signs (Food, Gas, Lodging, etc.) with standard Guide signs on the same posts where possible. These service signs can be stand alone signs as space allows.
8. Do not duplicate Emergency and Motorist Services icons on adjacent Visitor Services signs. Visitor Service signs include Community Services (CSS), Logo, or Tourist Oriented Directional (TODS) signs. Do not duplicate icons on Visitor Service Signs. Smaller trailblazing signs may be used to repeat Visitor Service icons at decision points as needed, with the approval of the Regional Traffic Engineer.
9. Limit "Welcome" or "City Limits" signs to major entry points into communities. One per route, per community, entering a community. Do not use these signs if "Welcome to" monuments are approved and constructed.
10. "Welcome to" structures and monuments must be placed outside the clearance requirements shown below. They can replace D1 or E2-11 signs.

11. Where approved, up to six Tourist Oriented Directional Signs (TODS) may be installed upon two separate post installations, 3 per two post assembly. Adjust location to ensure advance placement does not appear confusing or mislead motorists to the wrong street or driveway.
12. Community Services Signs (CSS) are required at major rural highway junctions instead of TODS. They may also be used to substitute for advance E2-11 guide signs.

13. Public Recreational Cultural Interest Area (RCIA) venues take precedence over private venues. RCIA signs may have up to three lines of text for readability, with up to five icons below the sign legend. Public agency logos are allowable next to the sign legend when they are the only anticipated sign permittee.

14. Signs not permitted in urban areas include Logo, TODS, and Community Services signs.

15. Signs not permitted on freeway entrance and exit ramps include Logo, TODS, and Community Services signs.

16. In the case that some signs shown are not in use, spacing may be moved forward as needed to place planned signs at a reasonable distance from a driveway, intersection, or pullout. Use the spacing on these maps as a guide so that planned signs can be relocated as the demand for more signs arise. The goal should be to allow for signing consistent with the maps in the future.

17. Locate TODS signs as far off the edge of pavement as possible, up to 30 feet from rural roadways.

18. Day Medical Clinic signs should be located as directed through permit application, with guidance from the Regional Traffic & Safety Section.

19. See 17AAC 60 for State of Alaska regulations governing the use of RCIA, TODS, Logo, Memorial, and other permitted signs.

INTERSECTION SIGN PRIORITY

- | | |
|---|--|
| ① | ESSENTIAL
at required locations |
| ② | SUPPLEMENTAL
at flexible locations |
| ③ | NONESSENTIAL
Do not use at or near intersections |
| | Right of Way Permit Req'd by applicant [17 AAC 60] |

Clearance Requirement for Sign Obstacles, Fixed Encroachments

Posted Speed Limit (MPH)	Barrier Curb	Mountable Curb or No Curb
	Minimum Offset from face of curb (feet)	Minimum Offset from shoulder stripe (feet)
20	10	16
25	10	16
30	10	20
35	10	26
40	10	30
	10	36
50	10	43
55	N/A	49
60	N/A	59
65	N/A	69

Sheet	Table of Contents
0.00	Intersection Signing Notes
1.00	Major Rural Highway Jct
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3.00	Minor Rural Highway Jct
4.00	Minor Urban Highway Jct
5.00	Rural Freeway Exit
6.00	Urban Freeway Exit
7.00	Rural & Urban Freeway Exit <i>Entrance</i>
8.00	Highway Community
9.00	Visitor's Center & Major Pullout
10.00	Nonessential Signs

SIGN PLACEMENT GUIDE 0.00

State of Alaska
Dept. of Transportation DOT/PF
Central Region Traffic & Safety Section

Intersection Signing Notes

Drawn by: MZR	Date: 7/2/04
Modified by: BNU, SET	Scale: None

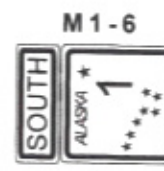
Repeat posting as needed
R2-1



①



①



①



①



②

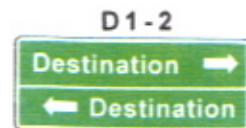


②



②

Use W1-7 for high speed side-street approaches



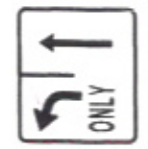
②



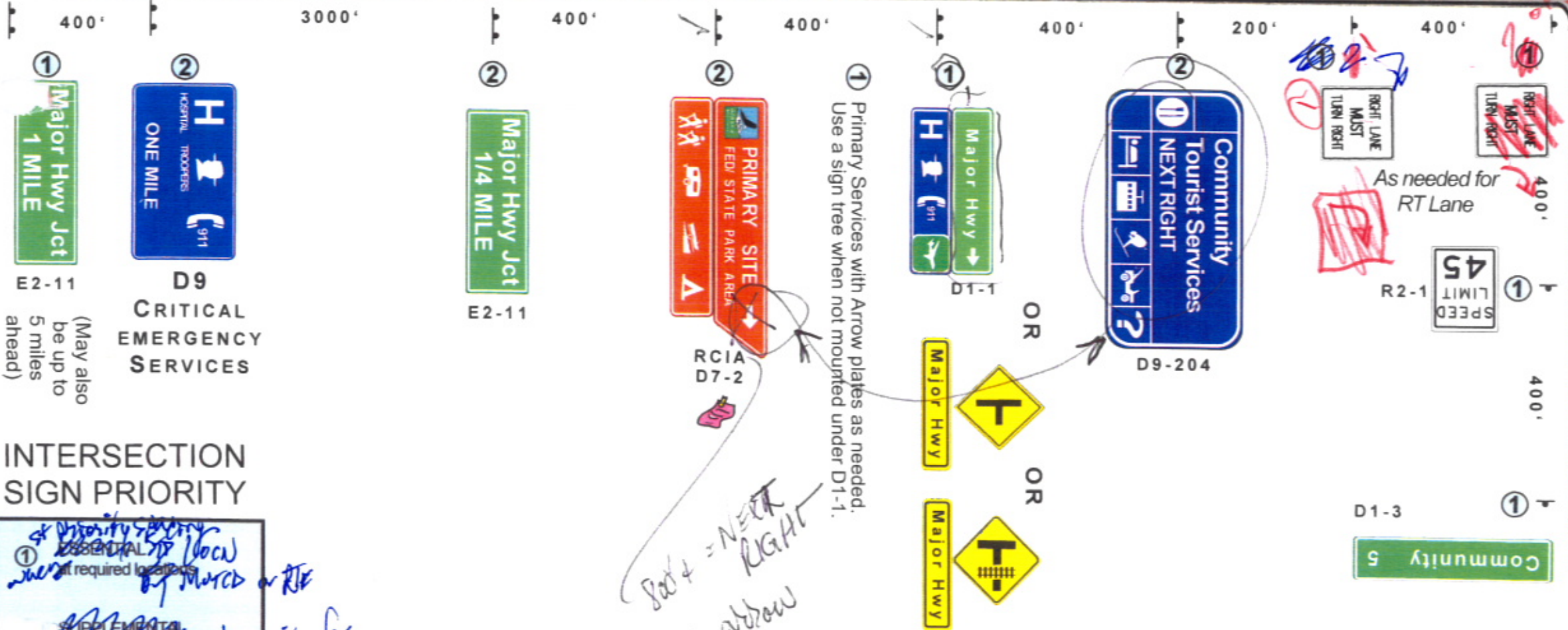
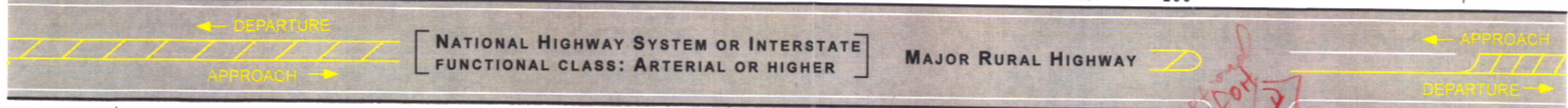
①



As needed for LT Lane



As needed for LT Lane



INTERSECTION SIGN PRIORITY

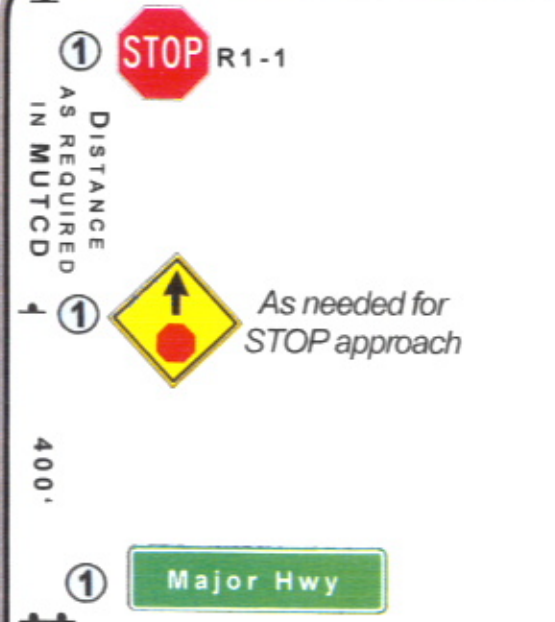
① Essential at required locations
② Supplemental at flexible locations

Right of Way Permit Req'd by applicant [17 AAC 60]

600' = use arrow = NEXT RIGHT

① Primary Services with Arrow plates as needed. Use a sign tree when not mounted under D1-1.

① Substitute warning signs and street name plates where required due to sight distance needs.



All signs shown for one leg of the major highway. Treat the other mainline approach and departure similarly.

SIGN PLACEMENT GUIDE 1.00

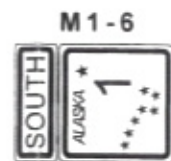
State of Alaska Dept. of Transportation DOT/PF Central Region Traffic & Safety Section	
Major Rural Hwy Jct Example Signing	
Drawn by: WRB	Date: 08/18/05
Modified by: BNU, SET, MLN	Scale: None

Repeat posting as needed

R2-1



①



①

200'



①

200'

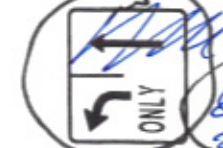


①



As needed for LT Lane

As needed for LT Lane



②

NATIONAL HIGHWAY SYSTEM OR INTERSTATE
FUNCTIONAL CLASS: ARTERIAL OR HIGHER

MAJOR URBAN HIGHWAY

← APPROACH

DEPARTURE →



RCIA D7-2

① Primary Services with Arrow plates as needed. Use a sign tree when not mounted under D1-1.



D1-1



OR

OR



① Substitute warning signs and street name plates where required due to sight distance needs.

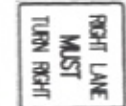


I-15

200'



As needed for RT Lane



mit.

200'



Adjacent to RT signs as needed. Separate post required



R2-1

①

MAJOR URBAN HIGHWAY

STATE HIGHWAY SYSTEM AND
FUNCTIONAL CLASS: ARTERIAL OR HIGHER



R1-1

① Distance as Required in MUTCD



As needed for STOP approach

200'

①



All signs shown for one leg of the major highway. Treat the other mainline approach and departure similarly.

SIGN LOCATION AID 2.00

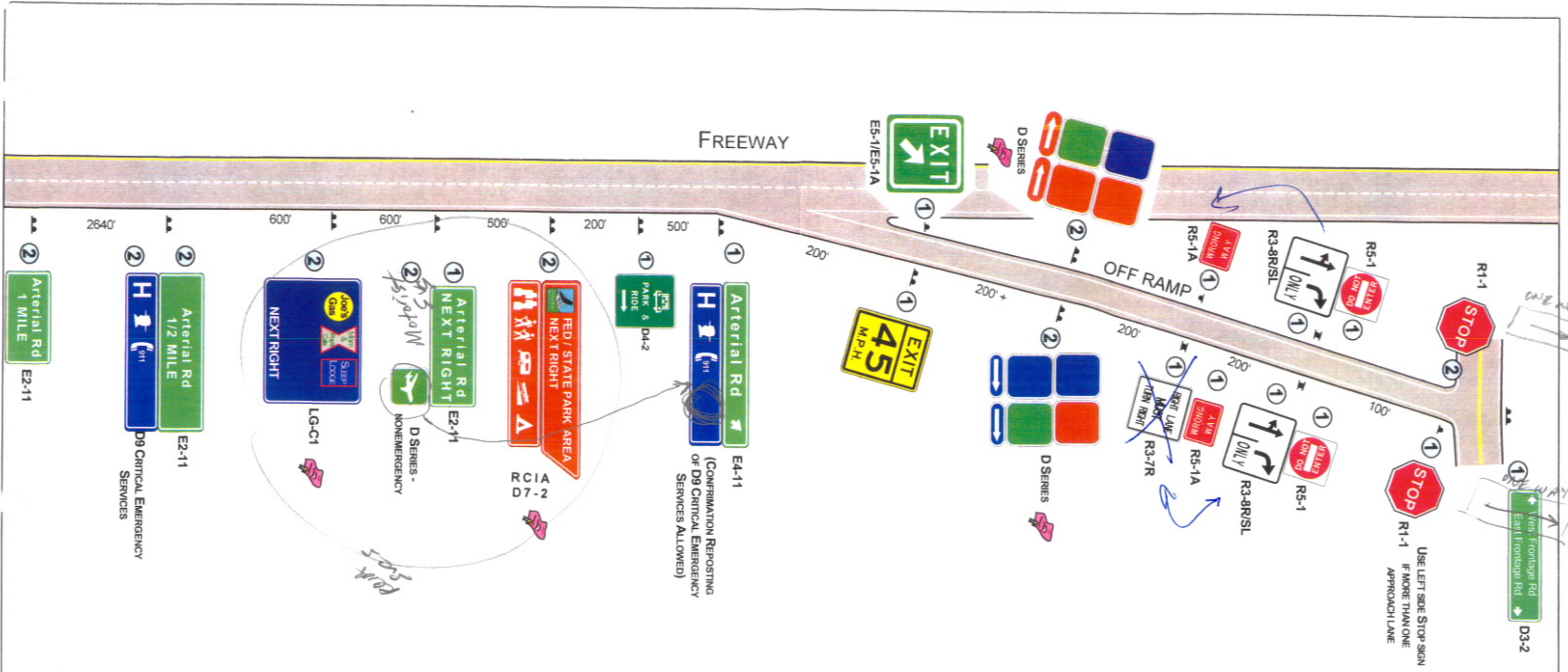
State of Alaska
Dept. of Transportation DOT/PF
Central Region Traffic & Safety Section

Major Urban Hwy Jct Example Signing


Drawn by: WRB Date: 07/02/04
Modified by: BNJ, SET Scale: None

INTERSECTION SIGN PRIORITY

- ① ESSENTIAL at required locations
- ② SUPPLEMENTAL at flexible locations
- Right of Way Permit Req'd by applicant [17 AAC 60]

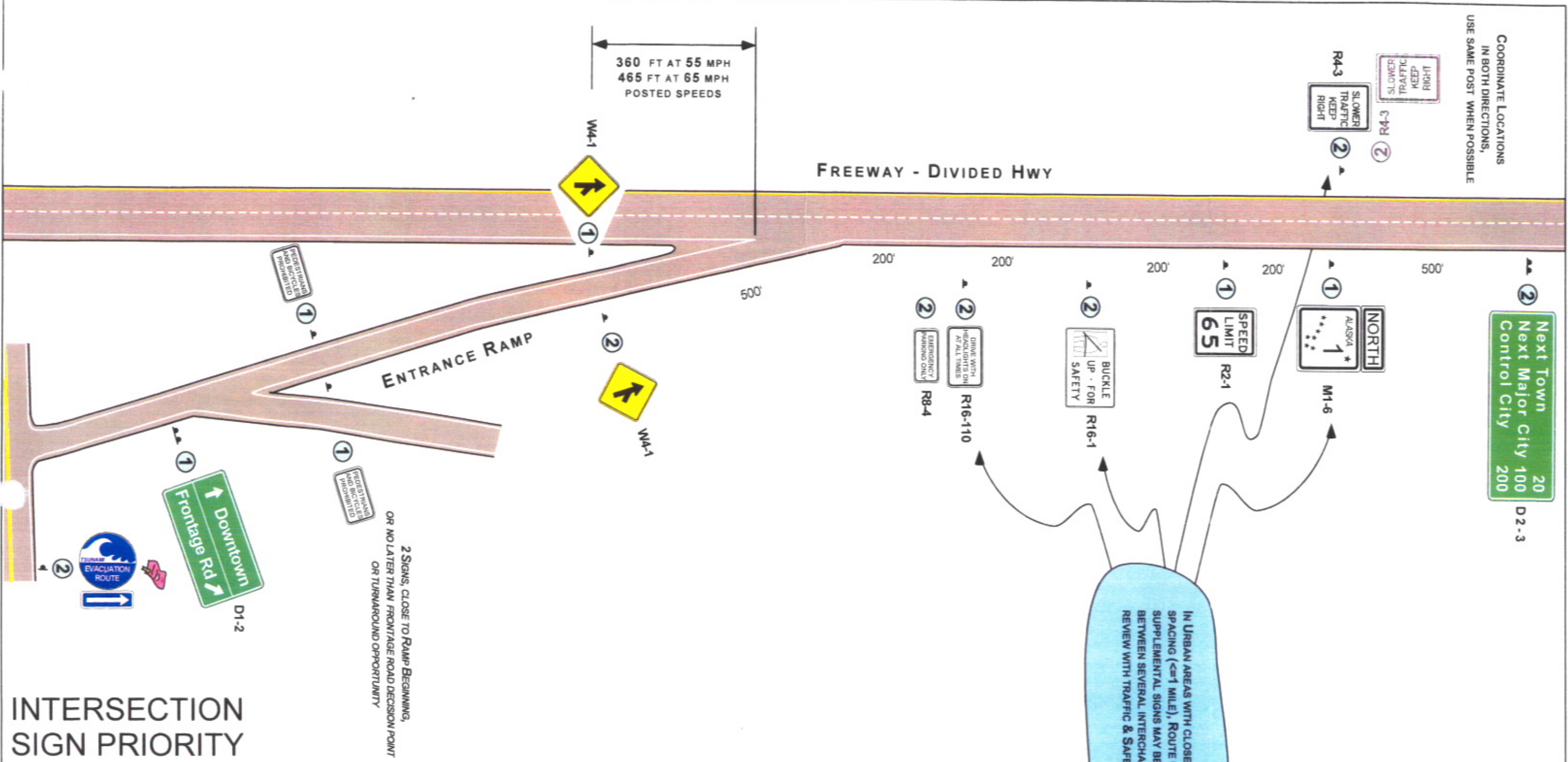


INTERSECTION SIGN PRIORITY

- ① ESSENTIAL at required locations
- ② SUPPLEMENTAL at flexible locations
-  Right of Way Permit Req'd by applicant [17 AAC 60]

SIGN LOCATION AID 5.00	
State of Alaska Dept. of Transportation DOT/PF Central Region Traffic & Safety Section	
Rural Freeway Exit Typical Signing	
Drawn by: WRB	Date: 07/02/04
Modified by: BNJ, SET	Scale: None

COORDINATE LOCATIONS
IN BOTH DIRECTIONS,
USE SAME POST WHEN POSSIBLE



INTERSECTION SIGN PRIORITY

- ① ESSENTIAL at required locations
- ② SUPPLEMENTAL at flexible locations
- Right of Way Permit Req'd by applicant [17 AAC 60]

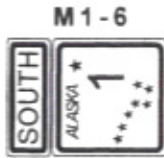
② SIGNS, CLOSE TO RAMP BEGINNING,
OR NO LATER THAN FRONTAGE ROAD DECISION POINT
OR TURNAROUND OPPORTUNITY

SIGN LOCATION AID 7.00	
State of Alaska Dept. of Transportation DOT/PF Central Region Traffic & Safety Section	
Rural and Urban Free-way Entrance Typical Signing	
Drawn by: WRB	Date: 07/02/04
Modified by: BNU, SET	Scale: None

Next Town 20
Next Major City 100
Control City 200

①

500'



①

200'



①

VARIES



①

200'



②

200'



②



②

400'

NO GAS NEXT 80 MI.

NEXT SERVICES 20 MILES

NEXT GAS 20 MILES

D9-210

h2 x 22

OR

③



①

As
NEEDED

NO SERVICE SIGNS TO
OTHER COMMUNITIES
OTHER THAN CRITICAL
EMERGENCY SERVICES

RURAL HIGHWAY

②



D9
CRITICAL
EMERGENCY
SERVICES

VARIES



R2-1

VARIES

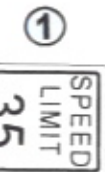


R2-1

VARIES



R2-1



R2-1

400'



OR



D9-204



D9-204

①
②
③
④
⑤
⑥
⑦
⑧
⑨
⑩
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SUBJECT TO ENCROACHMENT
PERMIT AND CLEAR ZONE
REQUIREMENTS



COMMUNITY BOUNDARY

②

OR



Welcome to
Community

TRAIL BLAZING SIGNS
AS NEEDED FOR TURNING, VISIBILITY
DESTINATION AND DISTANCE SIGNS
TO OTHER COMMUNITIES AS NEEDED



SIDESTREET

SIGN PRIORITY

① ESSENTIAL
at required locations

② SUPPLEMENTAL
at flexible locations

Right of Way Permit Req'd
by applicant [17 AAC 60]

SIGN PLACEMENT
GUIDE 8.00

State of Alaska
Dept. of Transportation DOT/PF
Central Region Traffic & Safety Section

Highway Community
Example Signing

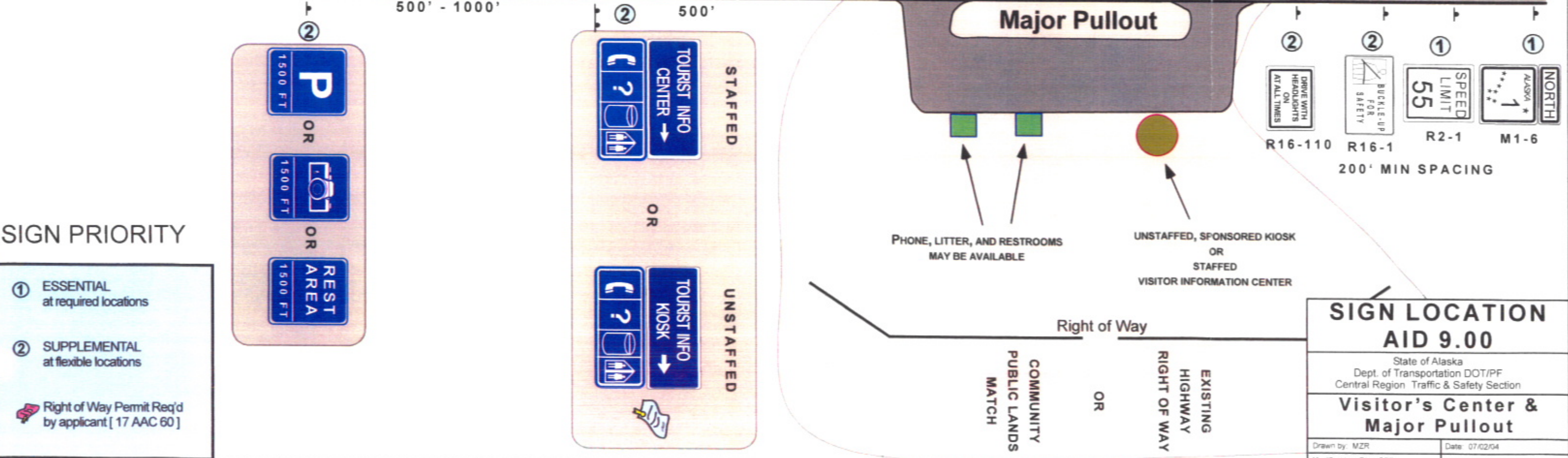
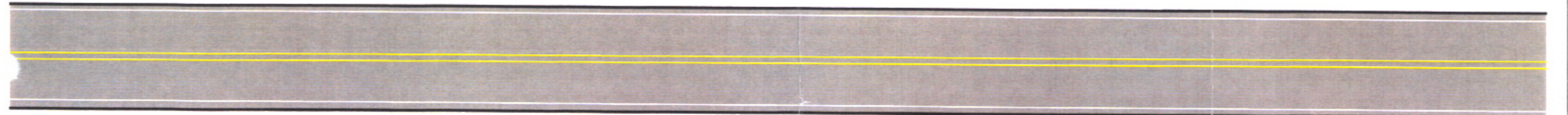
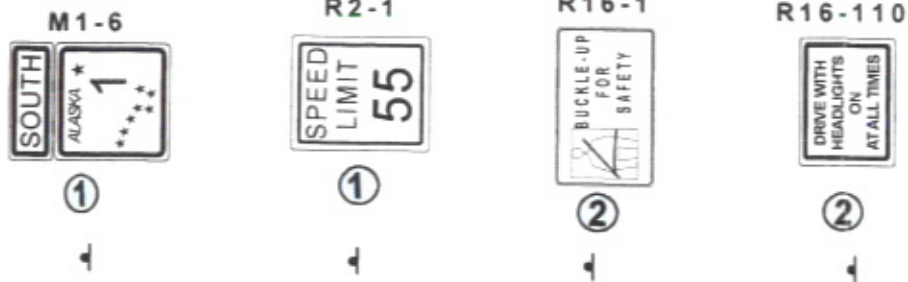
Drawn by: MZR Date: 02/16/05
Modified by: BNJ, SET, MLN Scale: None

200' MIN SPACING
 USE AT VISITOR CENTERS, MAJOR PULLOUTS
 CAMPGROUNDS
 OMIT FOR MINOR PULLOUTS, REST AREAS,
 SCENIC VIEWS.

SPONSORED, "UNSTAFFED"
 VISITOR'S INFORMATION
 CENTER

KIOSK

Example



SIGN PRIORITY

- ① ESSENTIAL at required locations
- ② SUPPLEMENTAL at flexible locations

Right of Way Permit Req'd by applicant [17 AAC 60]

SIGN LOCATION AID 9.00

State of Alaska
 Dept. of Transportation DOT/PF
 Central Region Traffic & Safety Section

Visitor's Center & Major Pullout

Drawn by: MZR Date: 07/02/04
 Modified by: BNJ, SET Scale: None

Nonessential Signs

③



Priority 3 Signs are common signs NOT essential to Intersections or the immediate driving task at a given location.

All require permitting except black on white, regulatory signs.

At intersections or junctions, additional sign space is typically not available or will need to be reserved for other uses as demand increases. To prevent clutter, placement options for nonessential signs include:

- Away from the intersection, preferably 1/2 mile or more along the road segment
- On the minor road only
- On the left side of the roadway
- On the backside of supplemental regulatory signs for opposing traffic
- Between freeway ramps at an interchange
- Signs to confirm the Rules of the Road are nonessential and generally not required

Signs Not Allowed or Issued a Permit

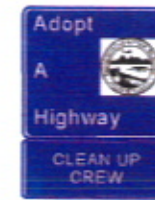
Signs with noncrashworthy supports.
Signs which do not:

- Fulfill a need
- Command attention
- Convey a clear, simple meaning
- Command respect of road users
- Give adequate time for proper response

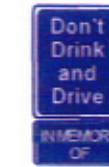
Signs which have advertising phone numbers, addresses, logos, other than the examples shown in Sign Location Aids, or permitted by the Alaska Traffic Manual, or allowed by law. Signs not using standard highway lettering fonts, colors, sizes, shapes, symbols, formats and reflectivity.

Signs which do not follow messaging principles in the Alaska Traffic Manual.

Nonessential Sign Examples Permitted through the Department of Transportation



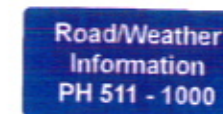
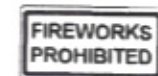
I-150
BY M&O



MEMORIAL



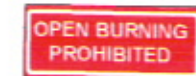
SPECIAL



RADIO,
CELL, ETC.
D12-100



345-POOL



Nonessential Sign Examples Installed by DOT/PF (No Permit)



R16-106



D12-5



SPECIAL



I-171

SIGN LOCATION AID 10.00

State of Alaska
Dept. of Transportation DOT/PF
Central Region Traffic & Safety Section

Nonessential Signs Notes

Drawn by: MZR

Date: 07/02/04

Modified by: BNU, SET

Scale: None